

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067207.D
 Acq On : 09 Oct 2020 13:11
 Operator : VA/SY
 Sample : VD1009SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Manual Integrations
 APPROVED

apatel
 10/12/2020 10:42:31 AM

Quant Time: Oct 10 00:28:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	337248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	511292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	470212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	237850	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	164737	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	7.91	113	173426	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
50) Toluene-d8	10.34	98	623659	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.64	95	227178	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	72236	24.032	ug/l	94
3) Chloromethane	2.20	50	48398	18.020	ug/l	93
4) Vinyl Chloride	2.34	62	51831	19.246	ug/l	98
5) Bromomethane	2.76	94	37653	19.007	ug/l	100
6) Chloroethane	2.92	64	31302	19.086	ug/l #	87
7) Trichlorofluoromethane	3.27	101	126840	21.199	ug/l	97
8) Diethyl Ether	3.71	74	28395	19.138	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	66558	19.681	ug/l	98
10) Methyl Iodide	4.30	142	59216	18.021	ug/l	97
11) Tert butyl alcohol	5.22	59	28292	124.153	ug/l #	89
12) 1,1-Dichloroethene	4.06	96	60321	18.974	ug/l	98
13) Acrolein	3.93	56	17026	78.277	ug/l	96
14) Allyl chloride	4.71	41	68774	16.652	ug/l	92
15) Acrylonitrile	5.42	53	51966	95.163	ug/l	95
16) Acetone	4.16	43	50002	100.838	ug/l	92
17) Carbon Disulfide	4.40	76	176475	18.088	ug/l	99
18) Methyl Acetate	4.72	43	23530	18.880	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	124390	21.433	ug/l	97
20) Methylene Chloride	4.96	84	78998	17.759	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	70741	19.553	ug/l	94
22) Diisopropyl ether	6.37	45	139744	18.534	ug/l #	95
23) Vinyl Acetate	6.30	43	384422	89.974	ug/l	98
24) 1,1-Dichloroethane	6.26	63	108790	18.696	ug/l	97
25) 2-Butanone	7.21	43	61972	88.151	ug/l	90
26) 2,2-Dichloropropane	7.21	77	109434	19.475	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	76944	19.913	ug/l	98
28) Bromochloromethane	7.54	49	40290	17.929	ug/l	88
29) Tetrahydrofuran	7.56	42	36566	90.458	ug/l	93
30) Chloroform	7.71	83	131105	20.770	ug/l	99
31) Cyclohexane	7.99	56	81760	16.760	ug/l	89
32) 1,1,1-Trichloroethane	7.91	97	123766	21.157	ug/l	97
36) 1,1-Dichloropropene	8.11	75	96104	20.165	ug/l	98
37) Ethyl Acetate	7.30	43	31153	18.869	ug/l	96
38) Carbon Tetrachloride	8.10	117	119051	23.087	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	99066	19.661	ug/l	96
40) Benzene	8.35	78	264049	19.947	ug/l	95
41) Methacrylonitrile	7.53	41	16724	18.750	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	82691	22.355	ug/l	96
43) Isopropyl Acetate	8.45	43	58955	19.383	ug/l	98
44) Trichloroethene	9.11	130	83346	21.085	ug/l	100
45) 1,2-Dichloropropane	9.38	63	61985	19.929	ug/l	100
46) Dibromomethane	9.47	93	36125	20.208	ug/l	92
47) Bromodichloromethane	9.66	83	100153	21.553	ug/l #	95
48) Methyl methacrylate	9.46	41	27755	17.812	ug/l #	74
49) 1,4-Dioxane	9.46	88	8178	438.332	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	148097	97.756	ug/l	98
52) Toluene	10.40	92	184232	21.605	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	90062	21.686	ug/l #	87
54) cis-1,3-Dichloropropene	10.09	75	105826	20.868	ug/l	91
55) 1,1,2-Trichloroethane	10.80	97	52500	21.124	ug/l	92
56) Ethyl methacrylate	10.66	69	54072	21.073	ug/l	96
57) 1,3-Dichloropropane	10.95	76	82831	20.552	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	138410	96.914	ug/l	95
59) 2-Hexanone	10.98	43	98755	97.666	ug/l	94
60) Dibromochloromethane	11.14	129	75247	22.716	ug/l	96
61) 1,2-Dibromoethane	11.25	107	52761	22.097	ug/l	99
64) Tetrachloroethene	10.88	164	74438	21.775	ug/l	94
65) Chlorobenzene	11.67	112	200798	21.471	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	80249	22.559	ug/l	97
67) Ethyl Benzene	11.75	91	345841	21.583	ug/l	97
68) m/p-Xylenes	11.86	106	272056	43.566	ug/l	99
69) o-Xylene	12.18	106	122688	21.970	ug/l	95
70) Styrene	12.20	104	212743	22.186	ug/l	99
71) Bromoform	12.36	173	41795	22.634	ug/l #	99
73) Isopropylbenzene	12.48	105	346433	21.450	ug/l	99
74) N-amyl acetate	12.29	43	52765	18.174	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.73	83	54628	20.076	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	39706m	19.165	ug/l	
77) Bromobenzene	12.77	156	85089	21.819	ug/l	93
78) n-propylbenzene	12.83	91	397663	20.834	ug/l	99
79) 2-Chlorotoluene	12.91	91	229421	21.008	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	295352	21.645	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	16961	20.411	ug/l	98
82) 4-Chlorotoluene	13.01	91	245875	21.162	ug/l	99
83) tert-Butylbenzene	13.23	119	248452	21.622	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	293500	21.553	ug/l	97
85) sec-Butylbenzene	13.41	105	335599	20.740	ug/l	99
86) p-Isopropyltoluene	13.52	119	322939	21.526	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	160305	21.104	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	162050	21.336	ug/l	97
89) n-Butylbenzene	13.85	91	283301	20.663	ug/l	99
90) Hexachloroethane	14.12	117	54876	20.882	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	138089	20.816	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9394	21.416	ug/l	97

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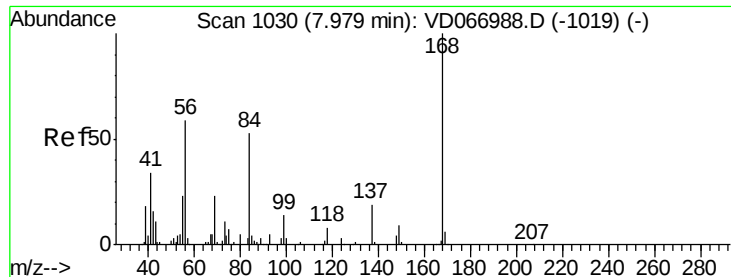
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	94017	21.910	ug/l	98
94) Hexachlorobutadiene	15.28	225	57146	21.685	ug/l	98
95) Naphthalene	15.41	128	149591	20.901	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	83060	22.298	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBSD01

Tot Ion:168 Resp: 337248

Ion Ratio Lower Upper

168 100

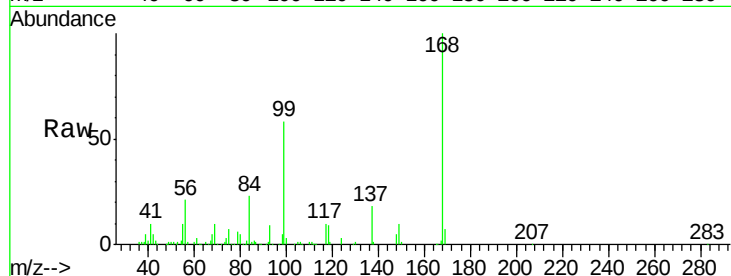
99 58.0 44.1 66.1

Manual Integrations

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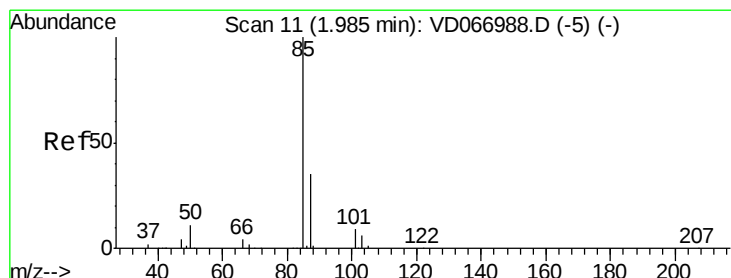
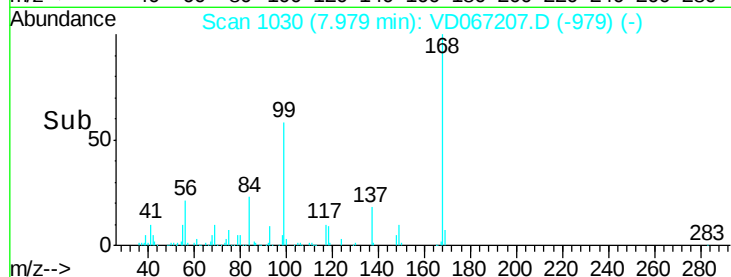
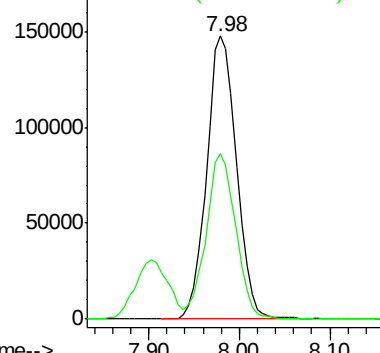
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 24.032 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067207.D

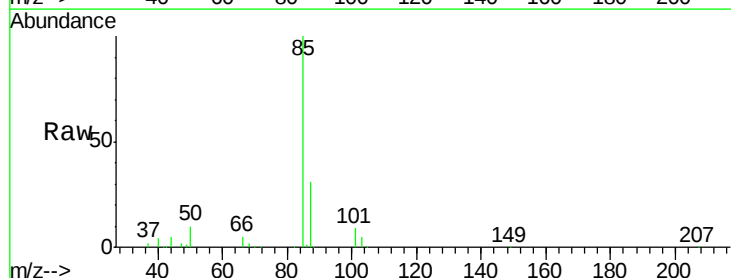
Acq: 09 Oct 2020 13:11

Tgt Ion: 85 Resp: 72236

Ion Ratio Lower Upper

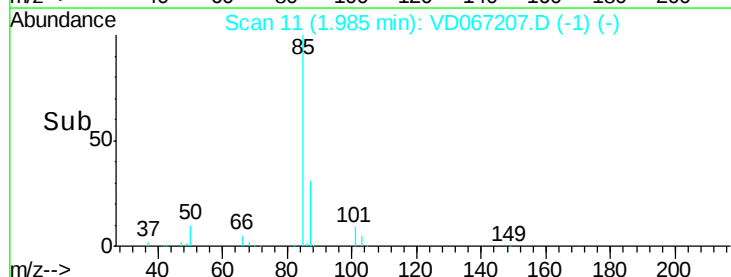
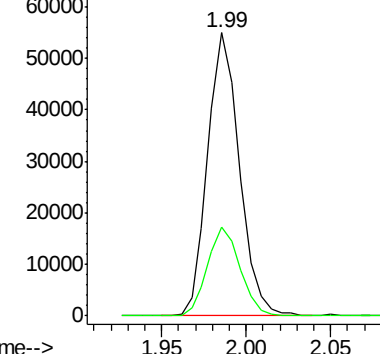
85 100

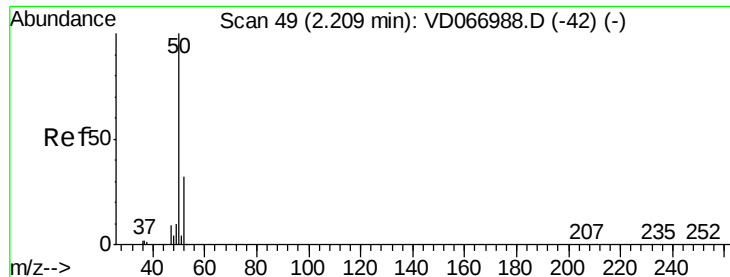
87 31.5 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.020 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion: 50 Resp: 48398

Ion Ratio Lower Upper

50 100

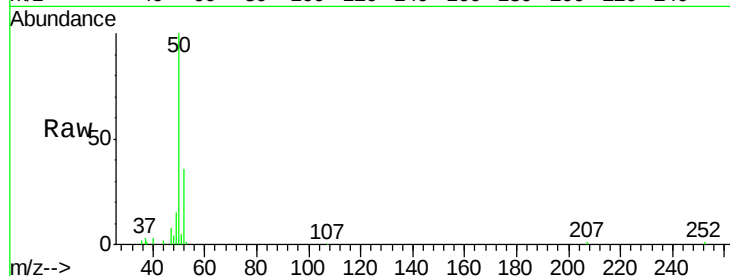
52 35.5 25.3 37.9

Manual Integrations

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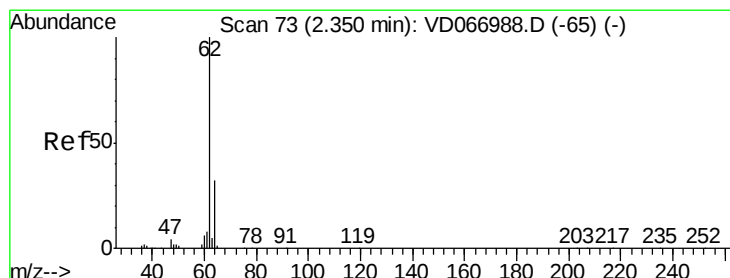
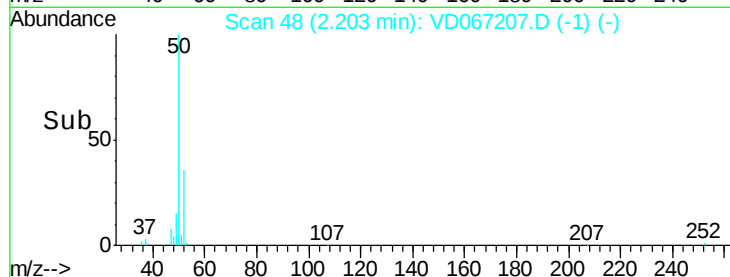
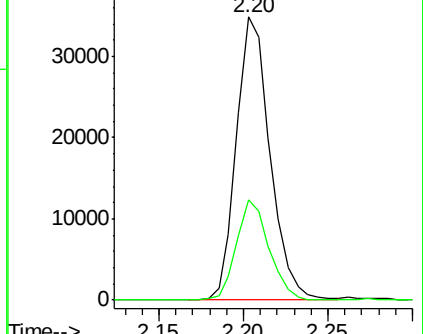
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.246 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD067207.D

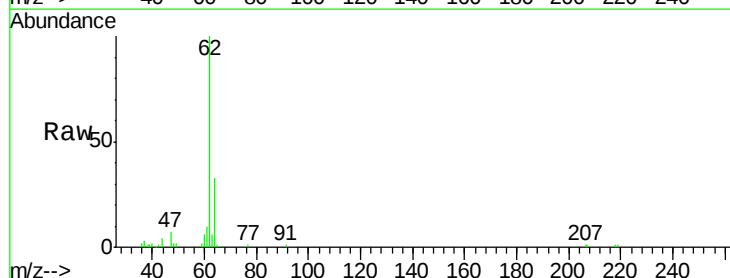
Acq: 09 Oct 2020 13:11

Tgt Ion: 62 Resp: 51831

Ion Ratio Lower Upper

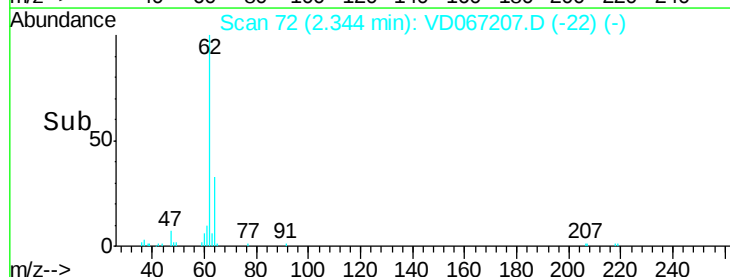
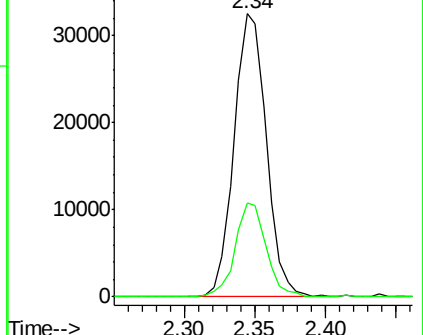
62 100

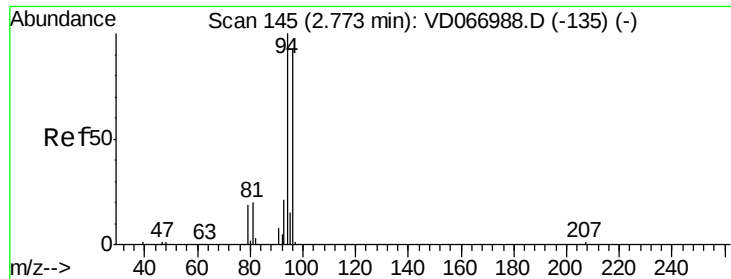
64 33.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.007 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion: 94 Resp: 37653

Ion Ratio Lower Upper

94 100

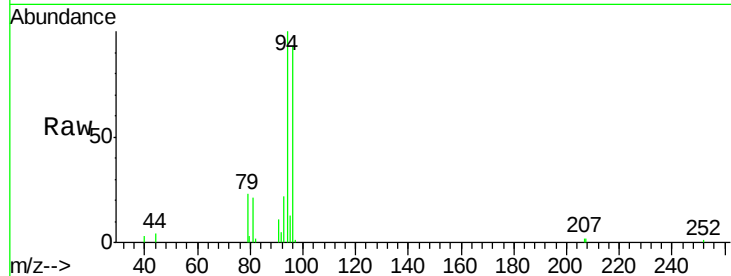
96 93.5 74.6 112.0

Manual Integrations

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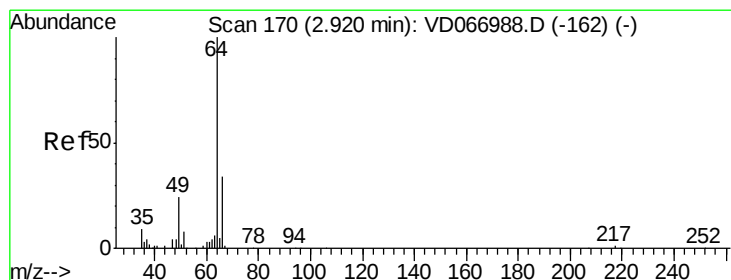
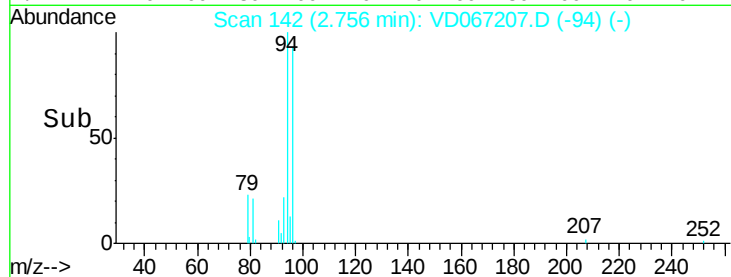
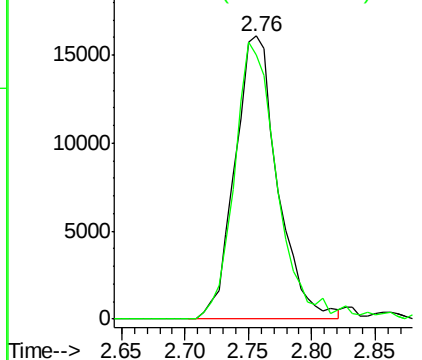
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.086 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067207.D

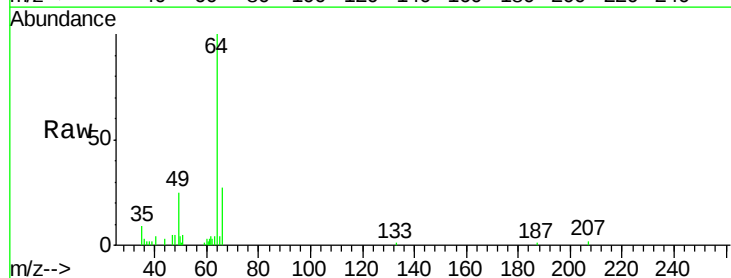
Acq: 09 Oct 2020 13:11

Tgt Ion: 64 Resp: 31302

Ion Ratio Lower Upper

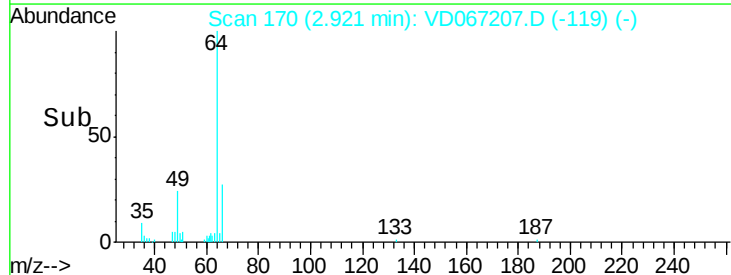
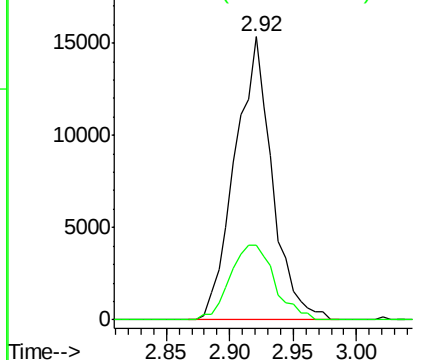
64 100

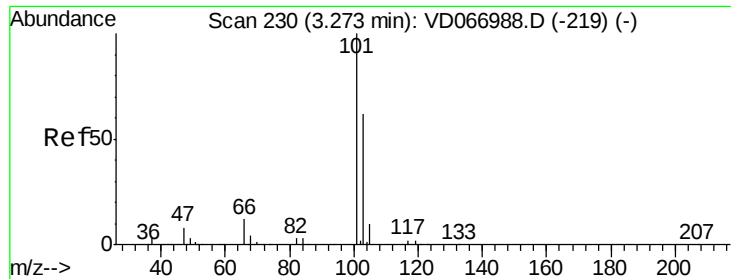
66 26.6 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

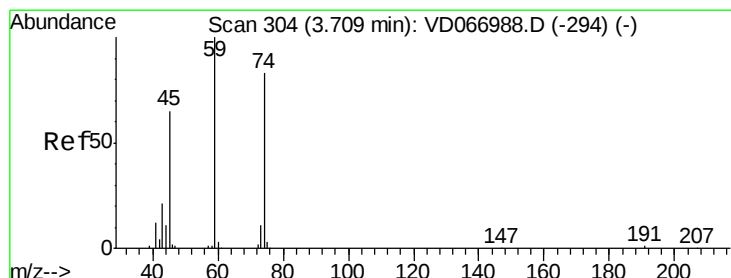
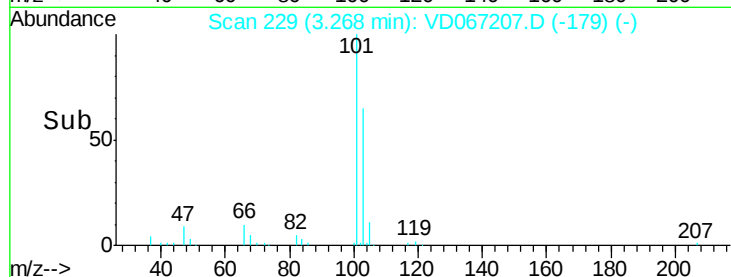
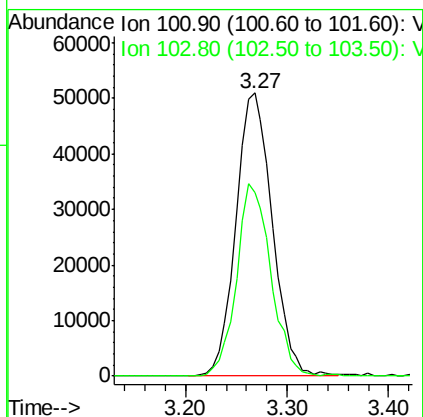
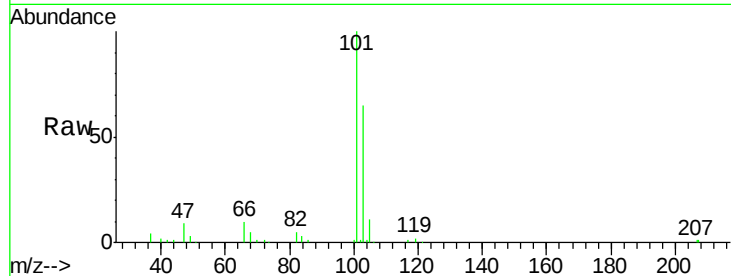
Trichlorofluoromethane
 Concen: 21.199 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	49.8	74.8

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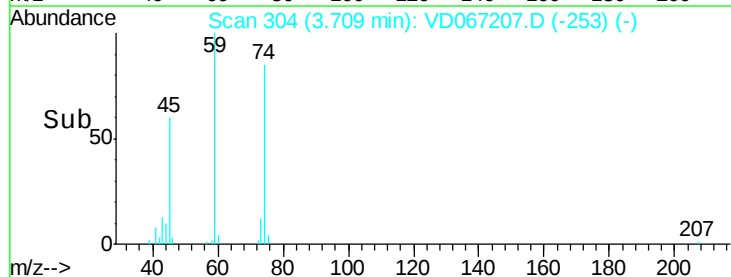
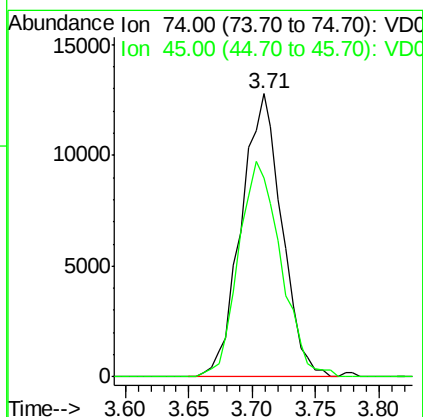
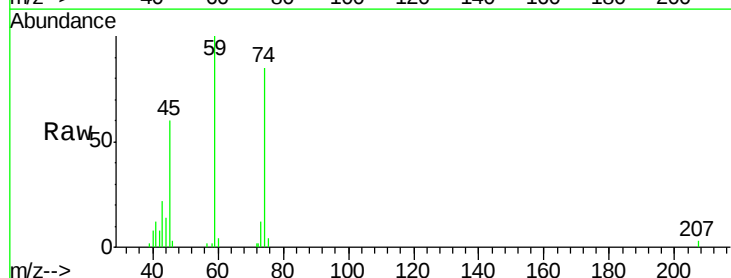
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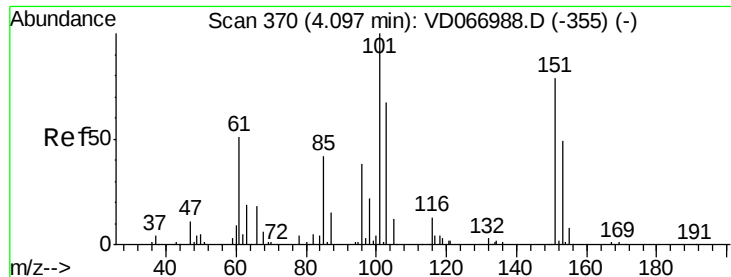


#8

Diethyl Ether
 Concen: 19.138 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	79.5	43.1	129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.681 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

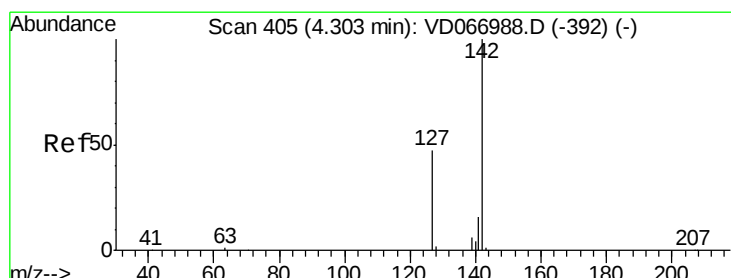
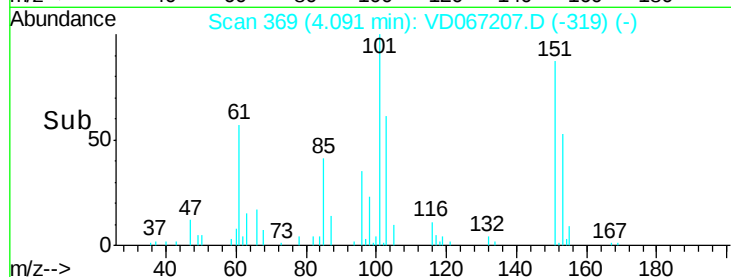
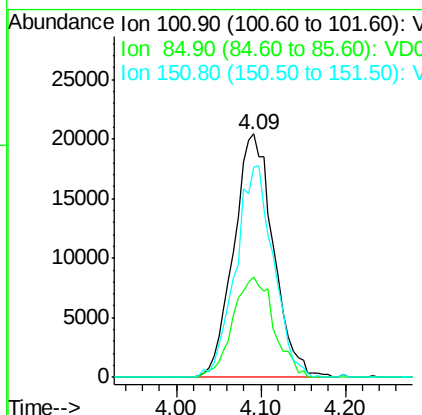
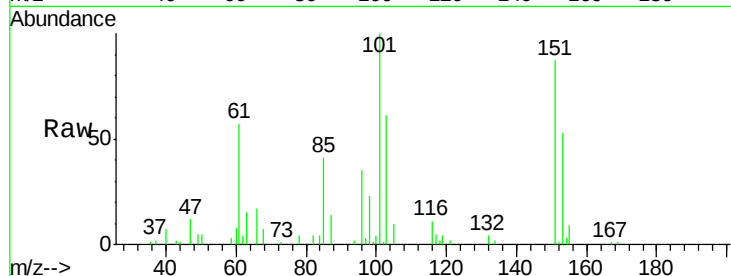
ClientSampleId :

VD1009SBSD01

Tot Ion:	101	Resp:	66558
Ion Ratio	Lower	Upper	
101	100		
85	42.5	33.8	50.8
151	83.0	63.8	95.8

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#10

Methyl Iodide

Concen: 18.021 ug/l

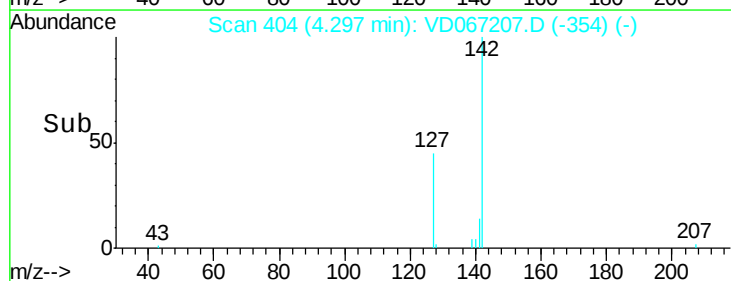
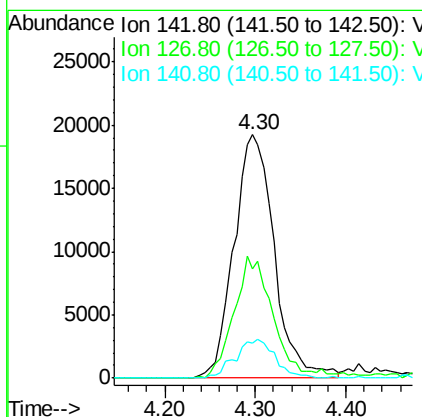
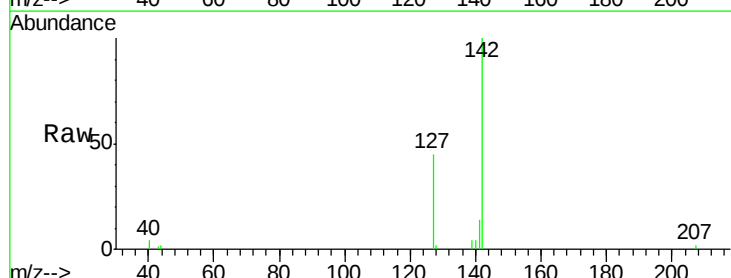
RT: 4.30 min Scan# 404

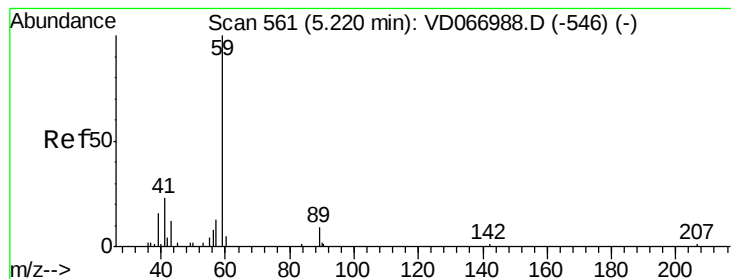
Delta R.T. -0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Tgt Ion:	142	Resp:	59216
Ion Ratio	Lower	Upper	
142	100		
127	47.7	36.3	54.5
141	15.5	12.0	18.0





#11

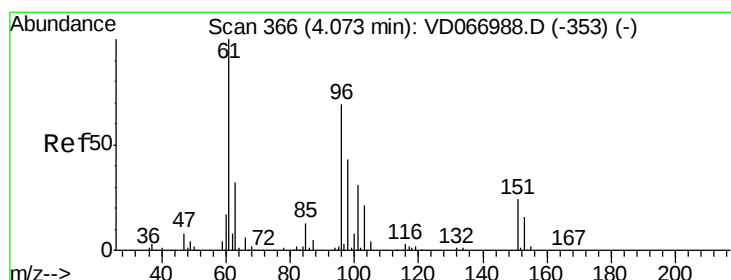
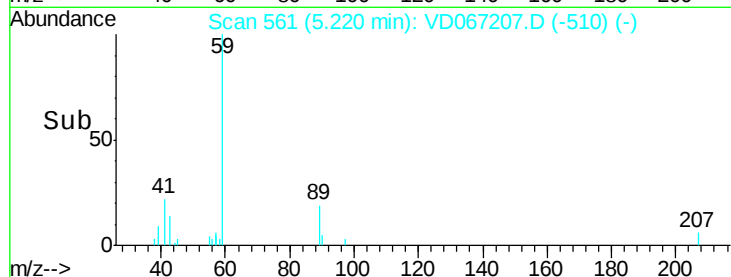
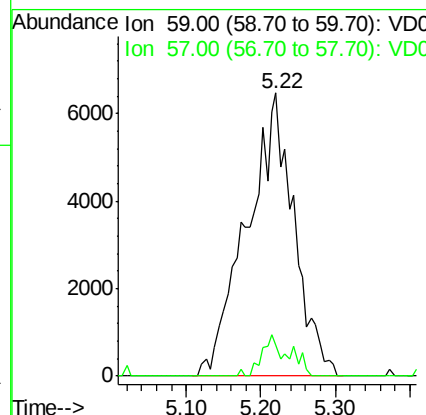
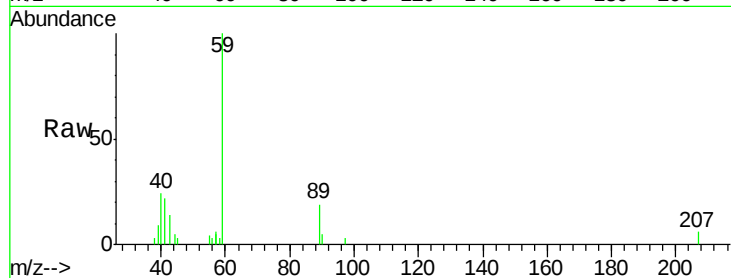
Tert butyl alcohol
 Concen: 124.153 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	28292		
57	6.1		8.2	12.4#

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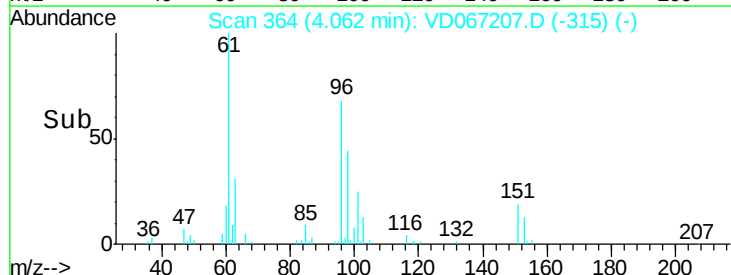
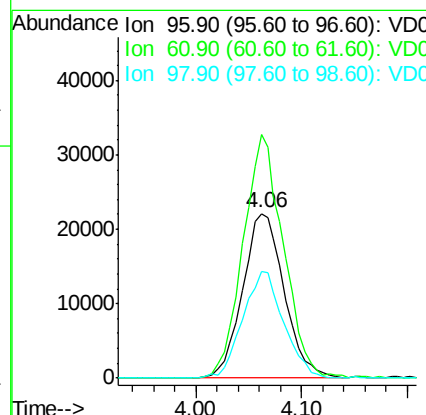
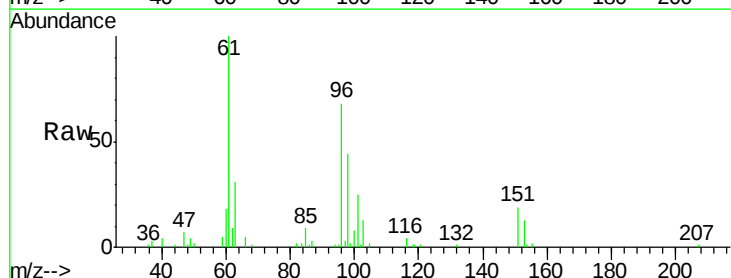
apatel
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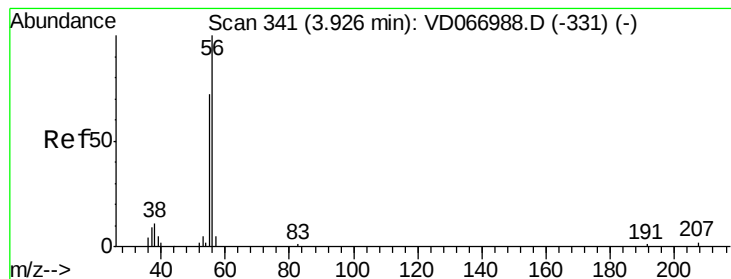


#12

1,1-Dichloroethene
 Concen: 18.974 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	60321		
61	148.0		116.4	174.6
98	65.0		49.9	74.9





#13

Acrolein

Concen: 78.277 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion: 56 Resp: 17026

Ion Ratio Lower Upper

56 100

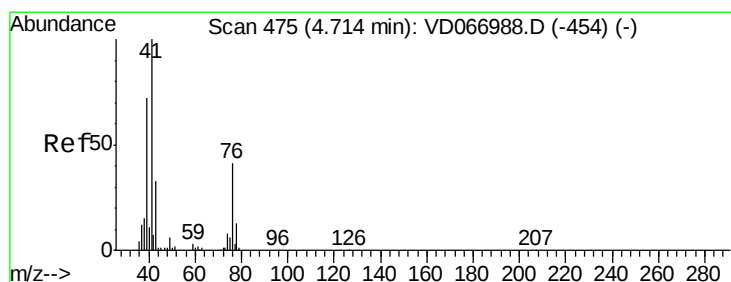
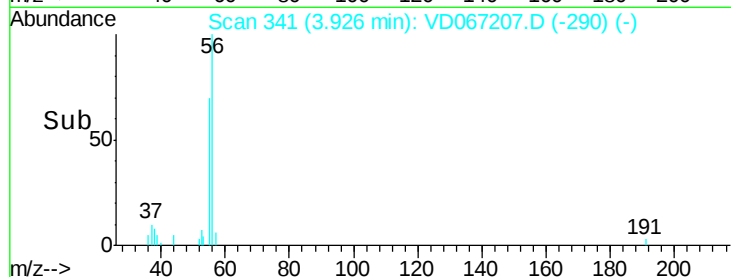
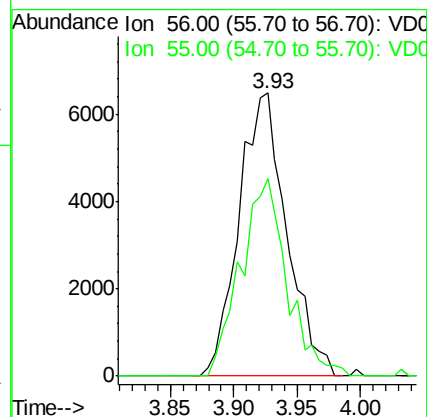
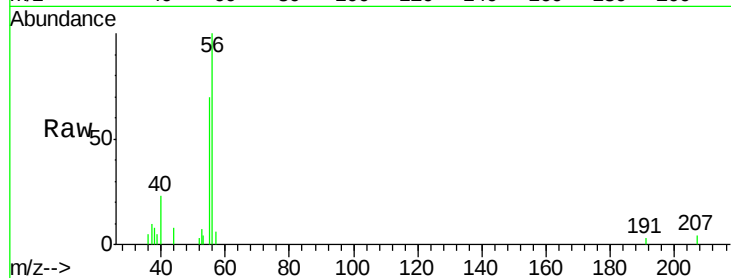
55 67.7 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 16.652 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

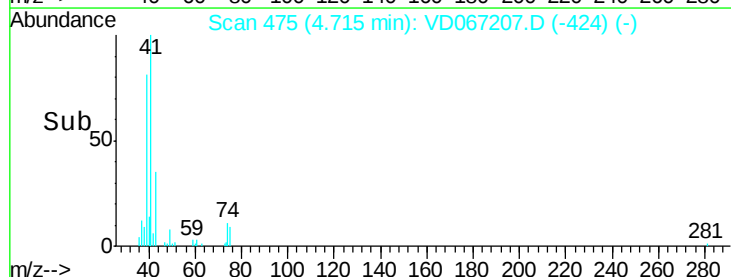
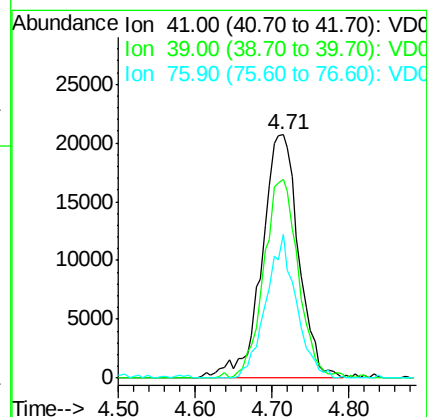
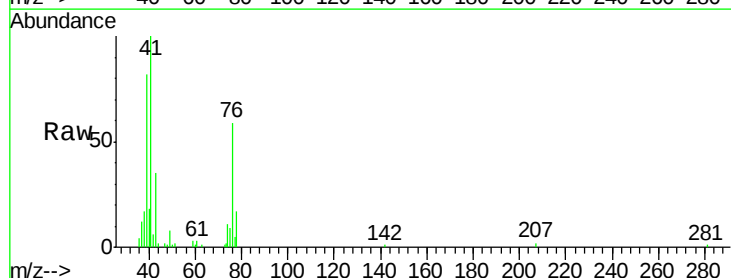
Tgt Ion: 41 Resp: 68774

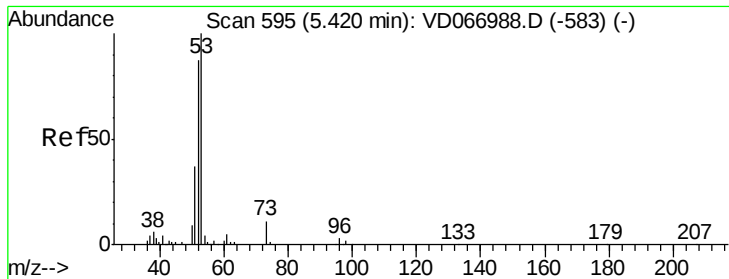
Ion Ratio Lower Upper

41 100

39 76.9 56.2 84.2

76 48.5 34.2 51.2





#15

Acrylonitrile

Concen: 95.163 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

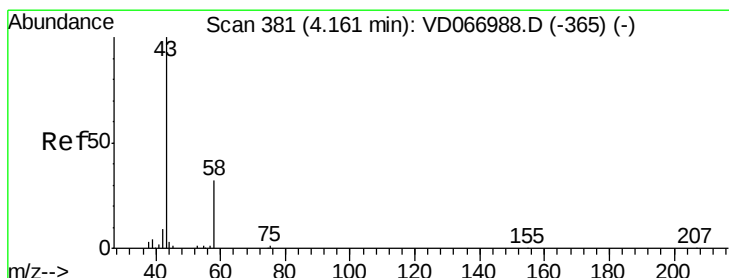
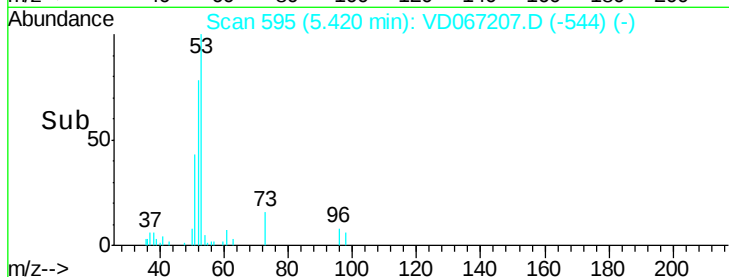
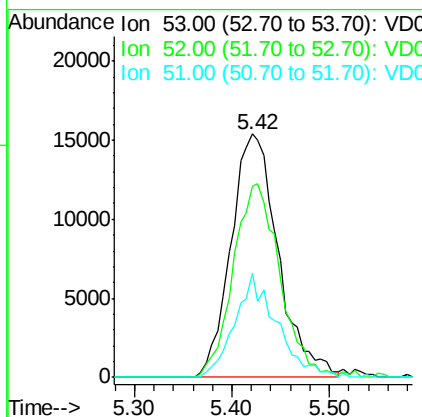
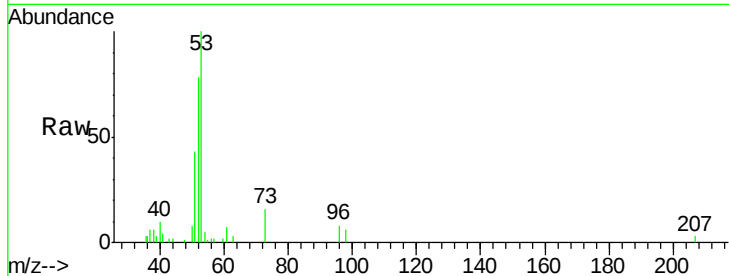
ClientSampleId :

VD1009SBS01

Tot Ion:	53	Resp:	51966
Ion	Ratio	Lower	Upper
53	100		
52	78.3	67.3	100.9
51	37.9	30.2	45.2

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#16

Acetone

Concen: 100.838 ug/l

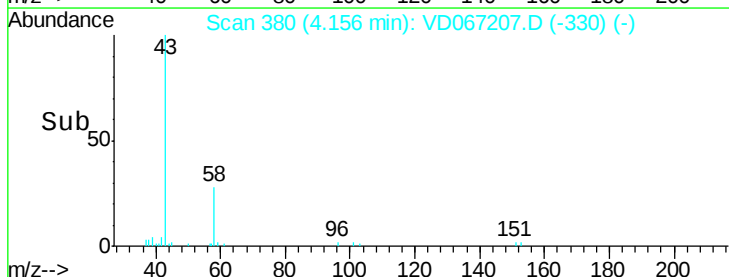
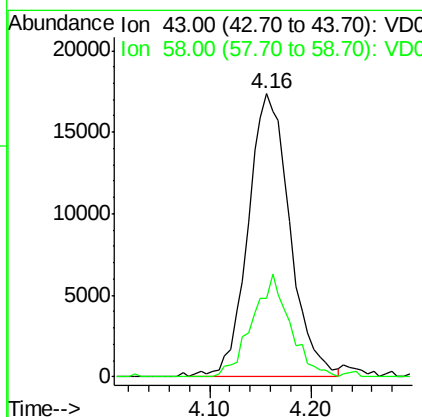
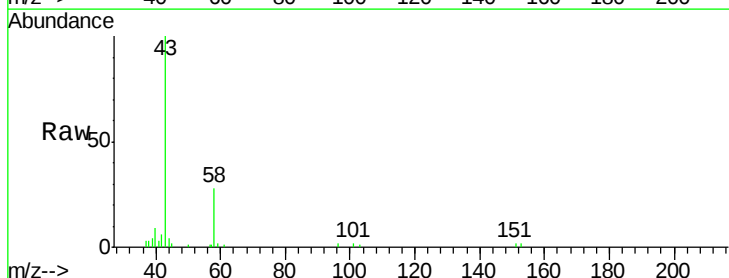
RT: 4.16 min Scan# 380

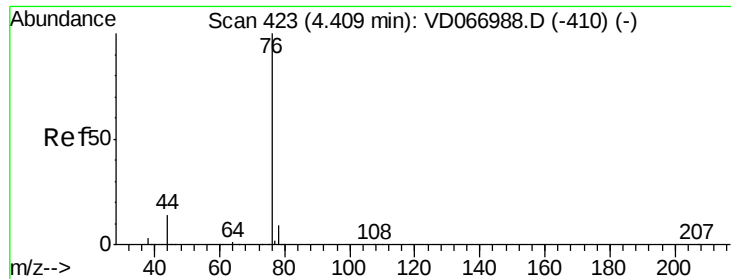
Delta R.T. -0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Tgt Ion:	43	Resp:	50002
Ion	Ratio	Lower	Upper
43	100		
58	27.9	25.9	38.9





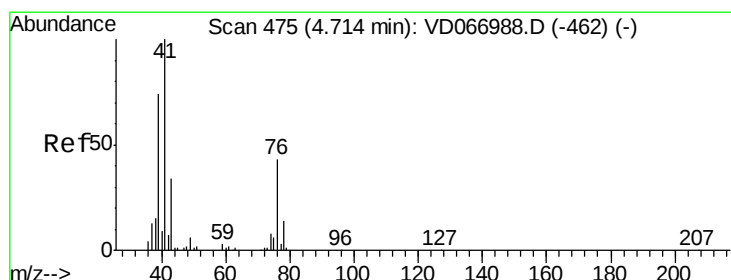
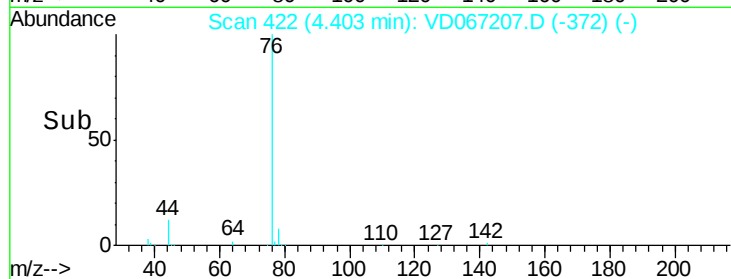
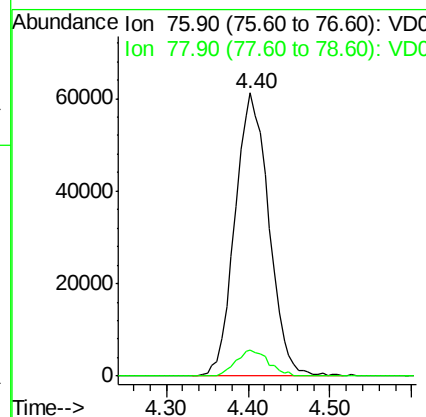
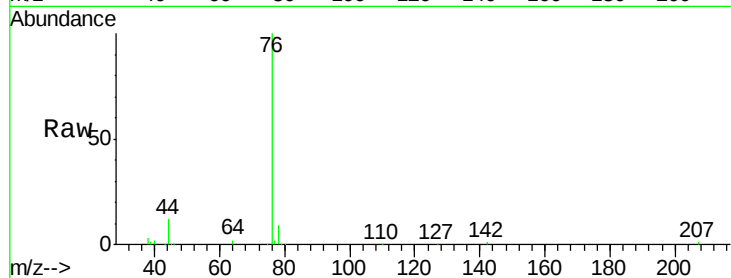
#17
Carbon Disulfide
Concen: 18.088 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

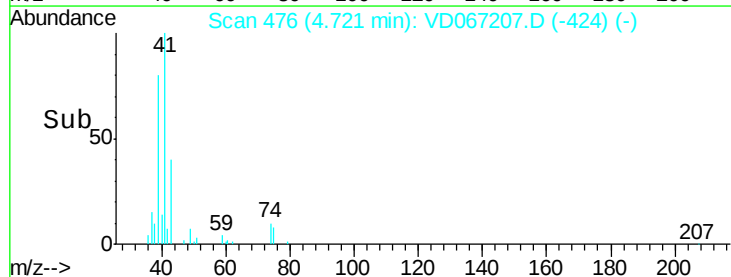
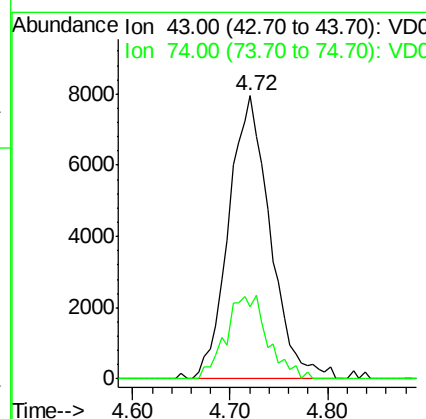
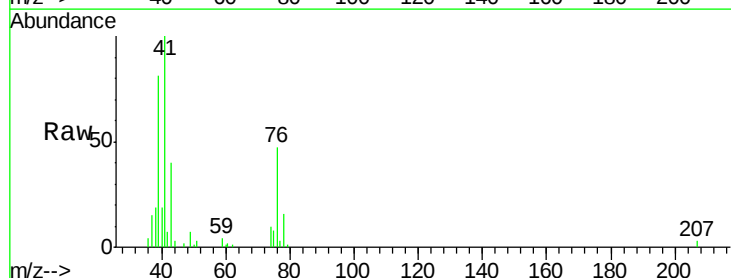
Manual Integrations
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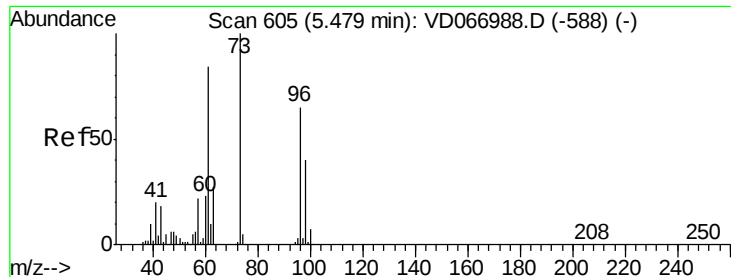
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#18
Methyl Acetate
Concen: 18.880 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.6	21.5	32.3





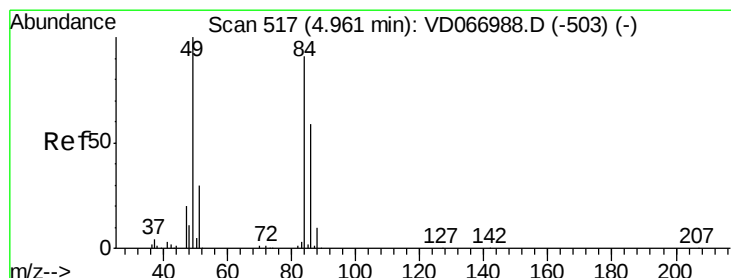
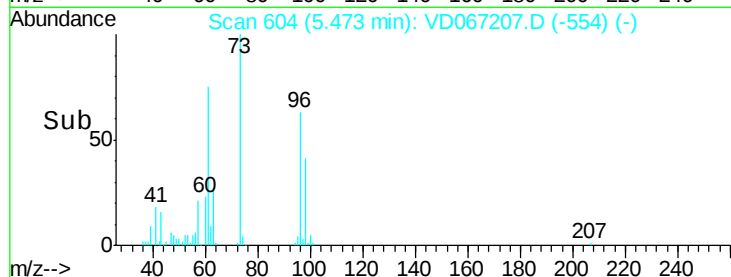
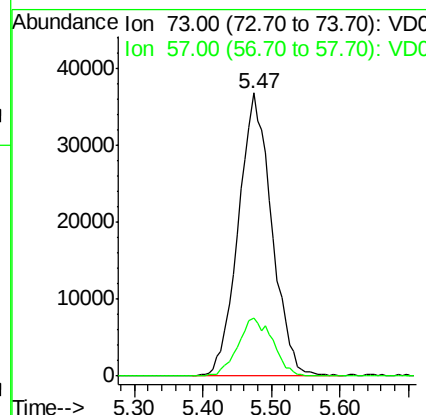
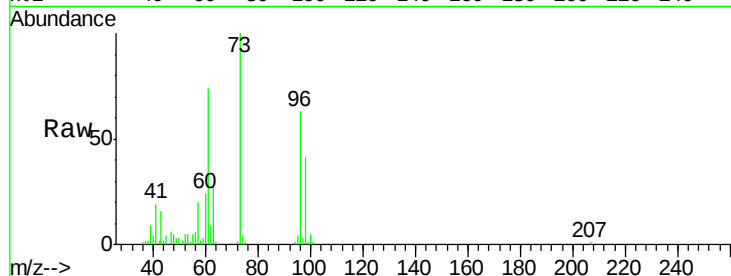
#19
Methyl tert-butyl Ether
Concen: 21.433 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion: 73 Resp: 124390
Ion Ratio Lower Upper
73 100
57 20.4 17.4 26.0

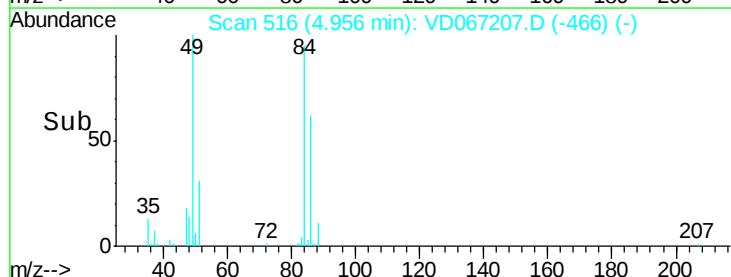
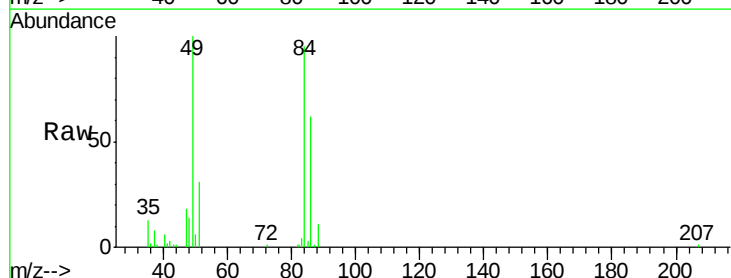
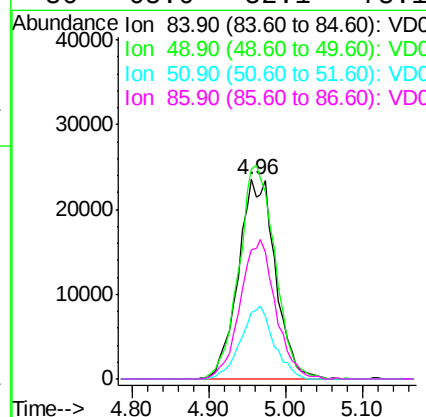
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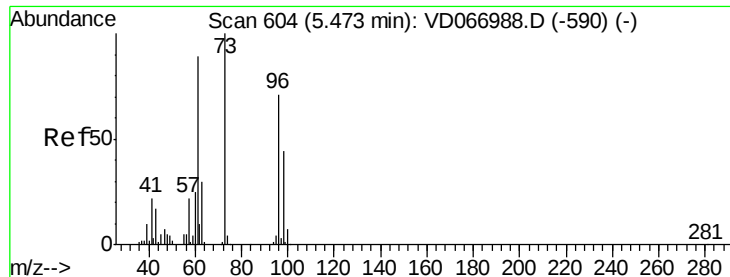
apatel
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#20
Methylene Chloride
Concen: 17.759 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 84 Resp: 78998
Ion Ratio Lower Upper
84 100
49 105.6 88.2 132.2
51 33.3 26.6 39.8
86 65.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 19.553 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

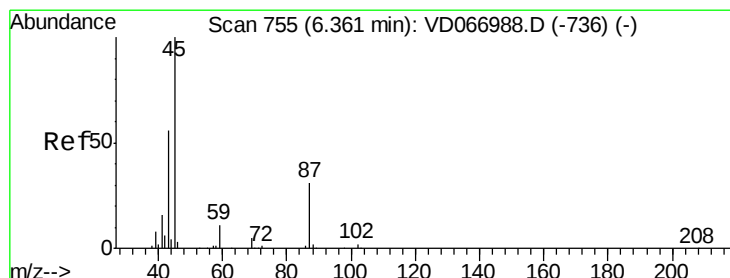
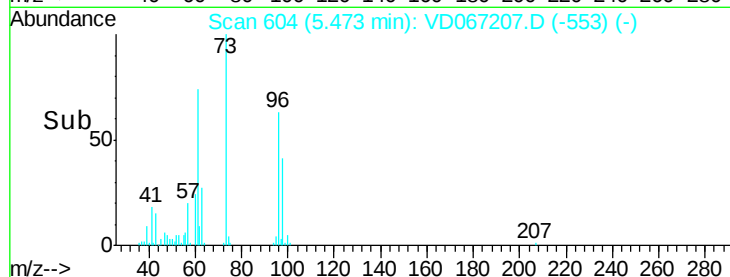
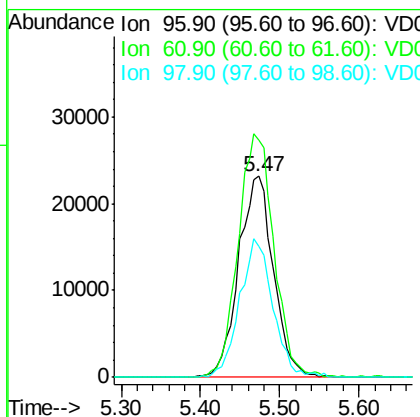
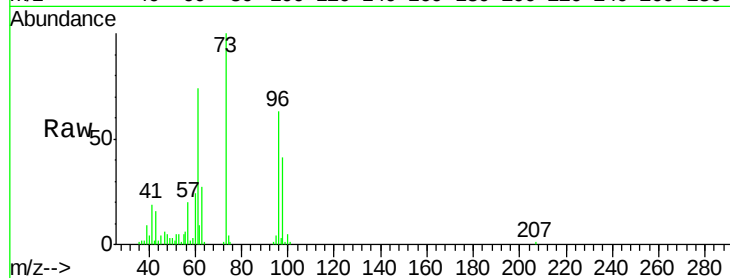
ClientSampleId :

VD1009SBS01

Tot Ion:	96	Resp:	70741
Ion	Ratio	Lower	Upper
96	100		
61	117.7	99.6	149.4
98	65.3	49.4	74.2

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#22

Diisopropyl ether

Concen: 18.534 ug/l

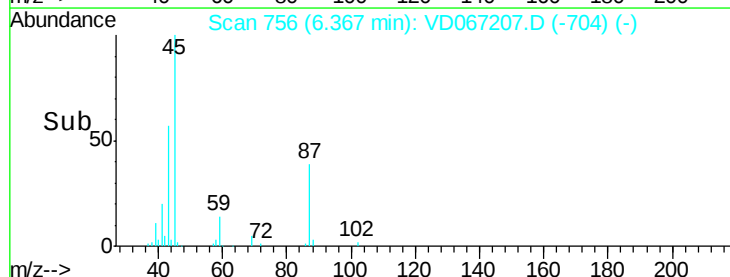
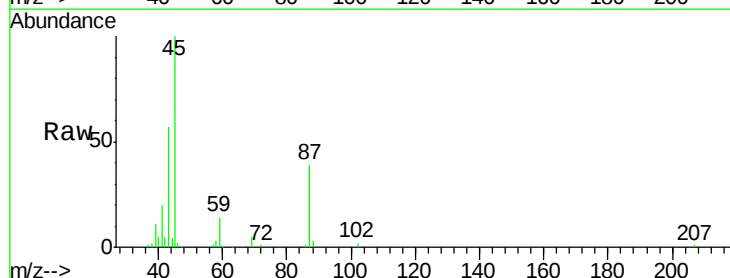
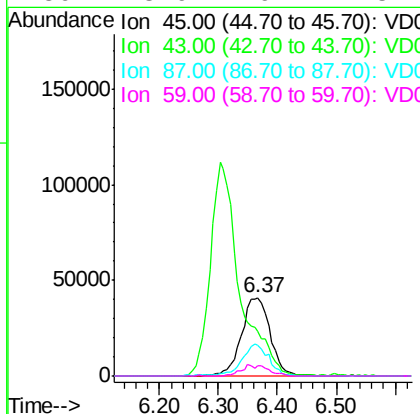
RT: 6.37 min Scan# 756

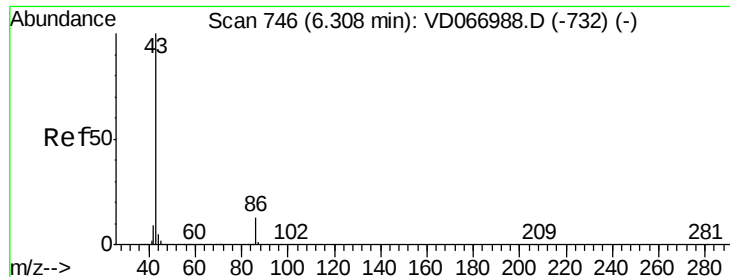
Delta R.T. 0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Tgt Ion:	45	Resp:	139744
Ion	Ratio	Lower	Upper
45	100		
43	56.5	45.2	67.8
87	39.0	25.6	38.4#
59	13.9	9.1	13.7#





#23

Vinyl Acetate

Concen: 89.974 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion: 43 Resp: 384422

Ion Ratio Lower Upper

43 100

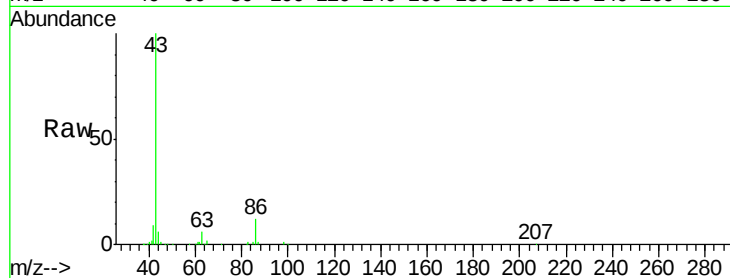
86 11.9 10.2 15.2

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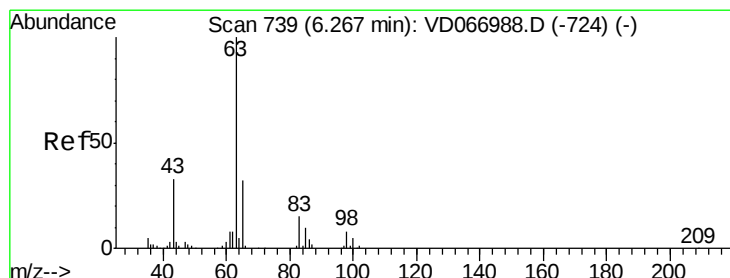
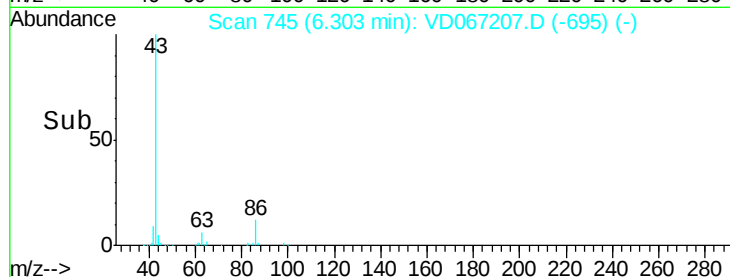
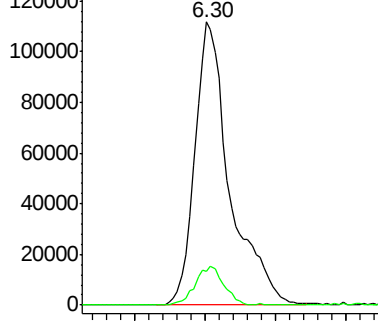
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 18.696 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

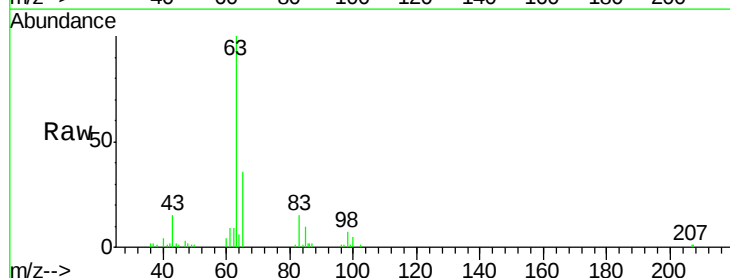
Tgt Ion: 63 Resp: 108790

Ion Ratio Lower Upper

63 100

98 7.1 4.2 12.6

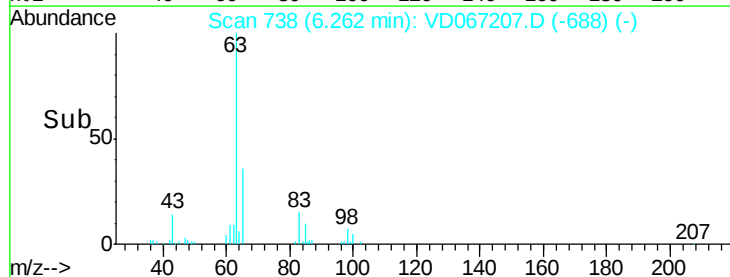
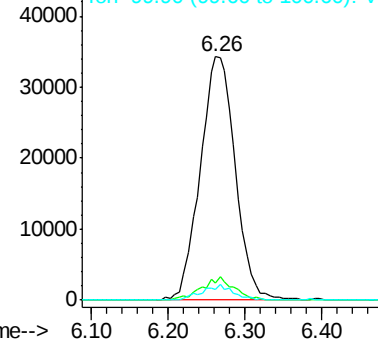
100 4.6 2.6 7.8

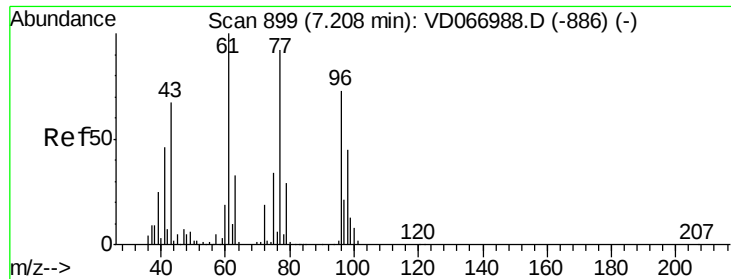


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 88.151 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion: 43 Resp: 61972

Ion Ratio Lower Upper

43 100

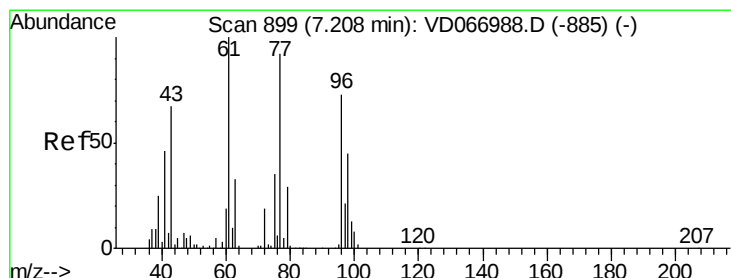
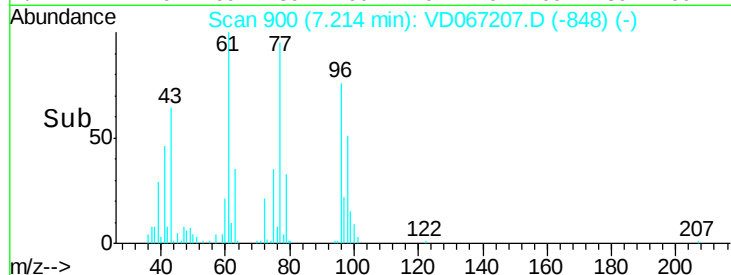
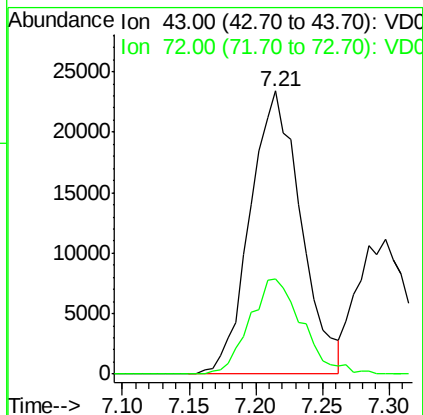
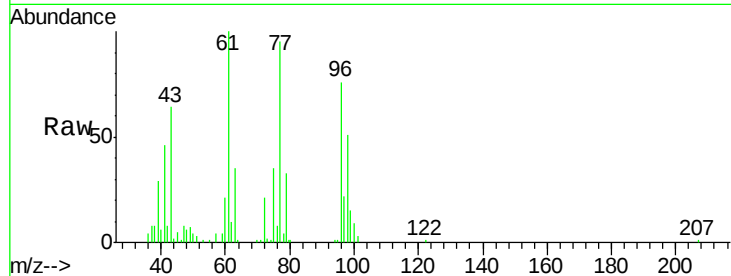
72 33.6 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.475 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067207.D

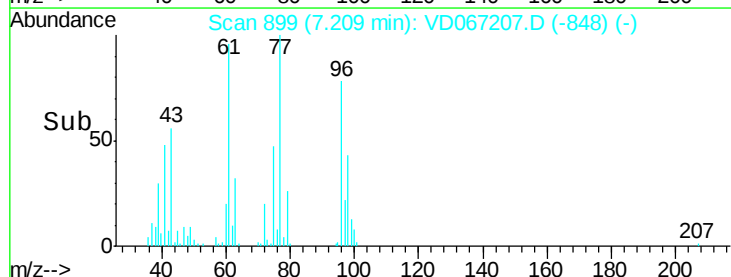
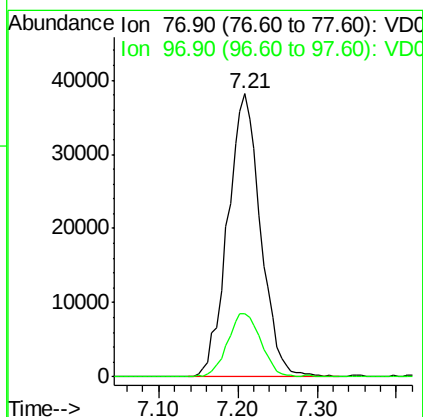
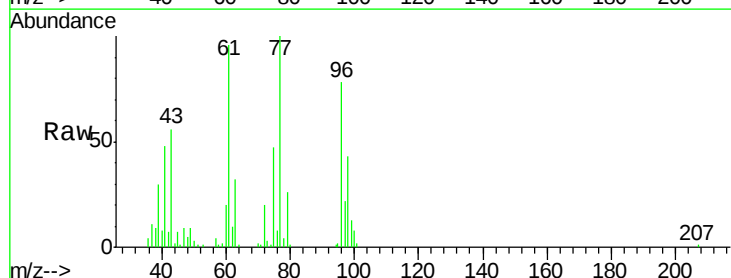
Acq: 09 Oct 2020 13:11

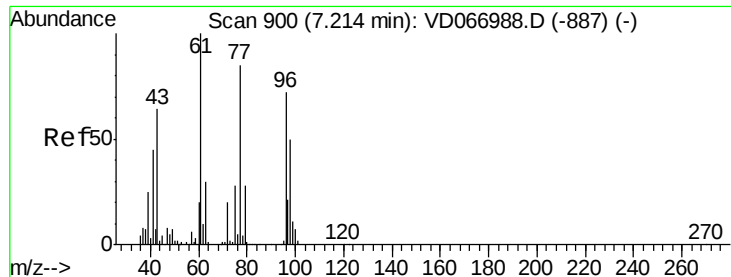
Tgt Ion: 77 Resp: 109434

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.2





#27

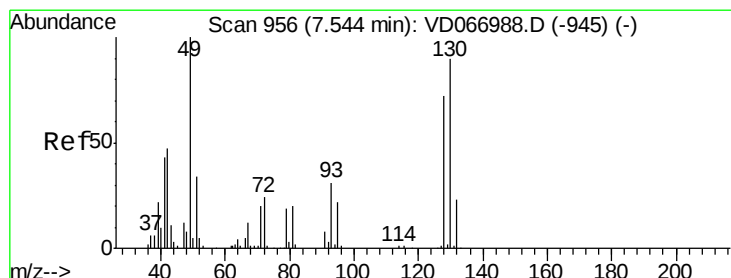
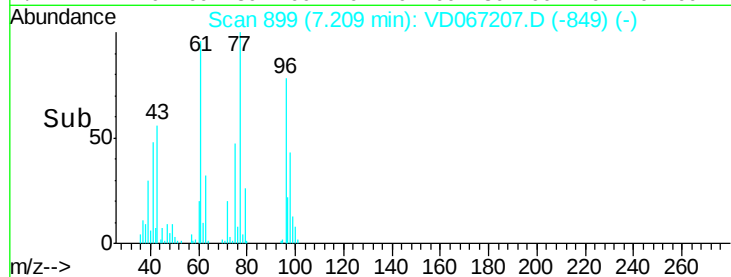
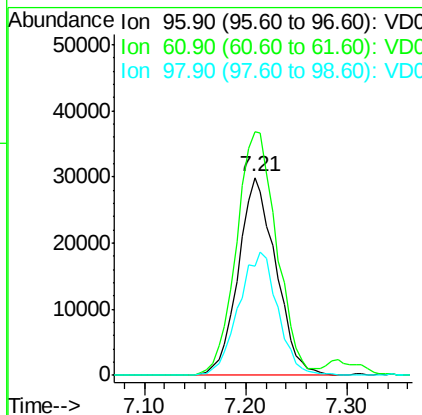
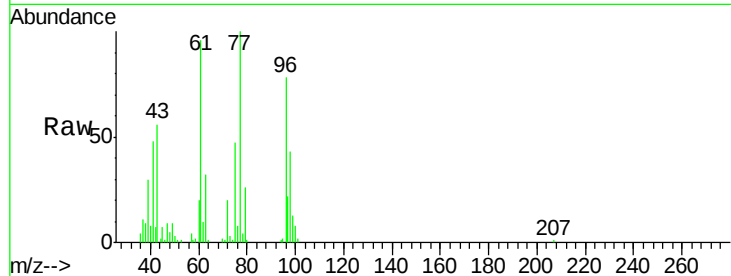
cis-1,2-Dichloroethene
Concen: 19.913 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.6	0.0	269.2
98	64.9	0.0	129.4

Manual Integrations
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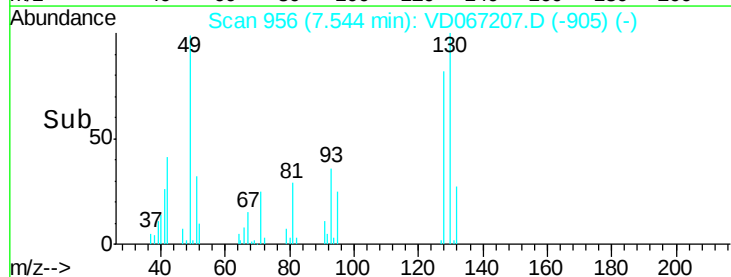
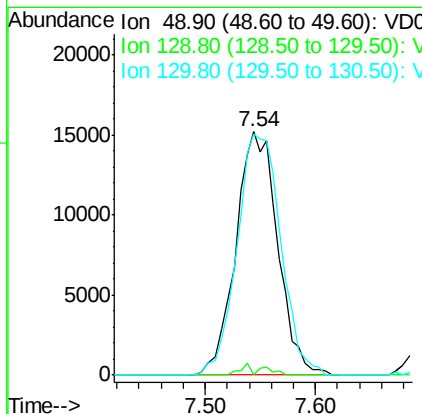
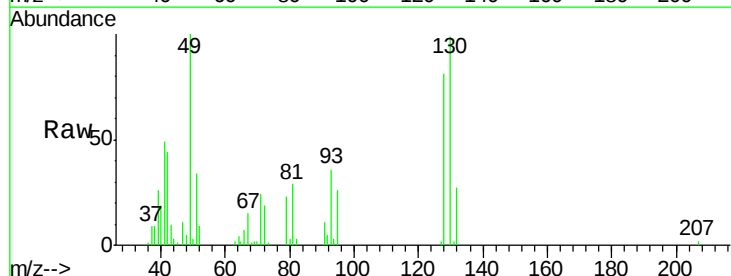
apatel
10/12/2020 10:42:31 AM

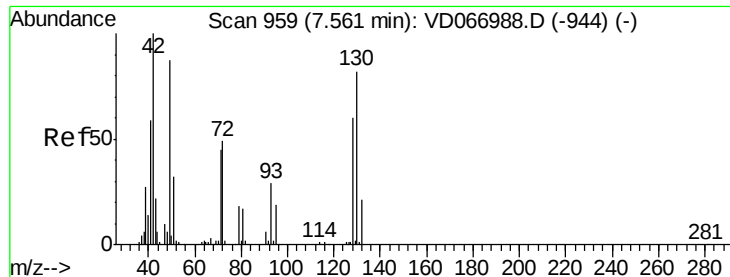


#28

Bromochloromethane
Concen: 17.929 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.6
130	104.1	74.1	111.1





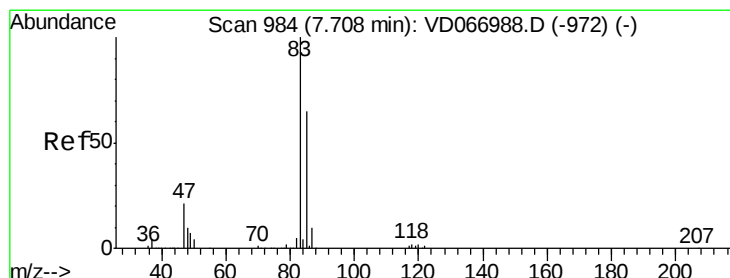
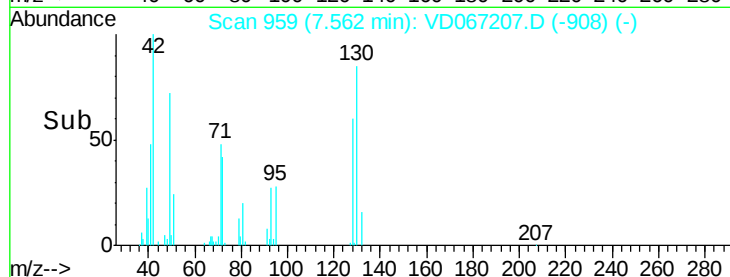
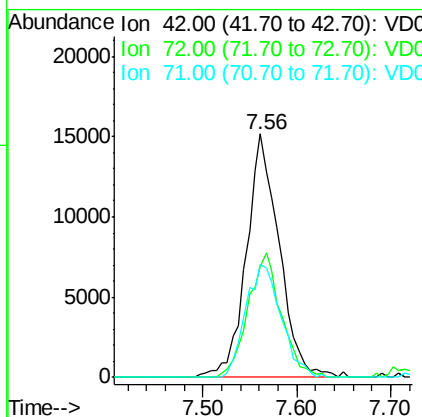
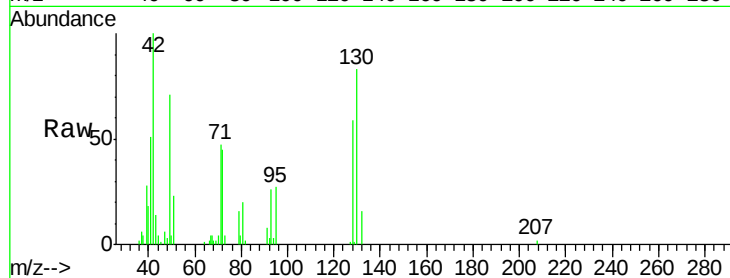
#29
Tetrahydrofuran
Concen: 90.458 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.6	39.1	58.7
71	50.1	34.2	51.4

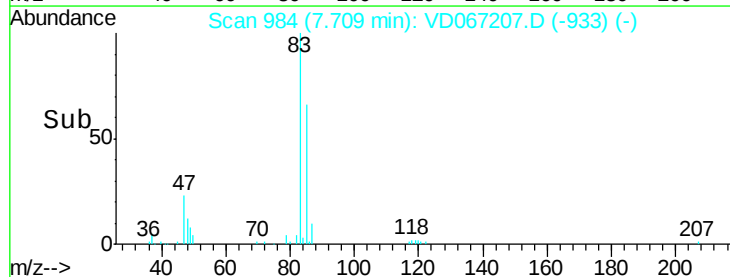
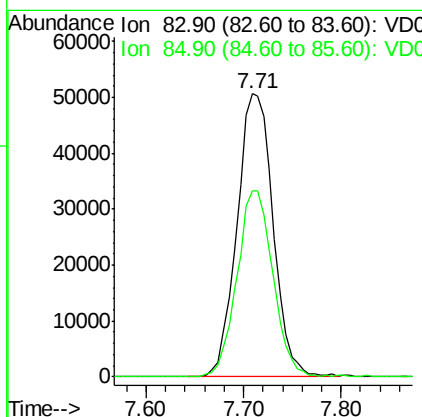
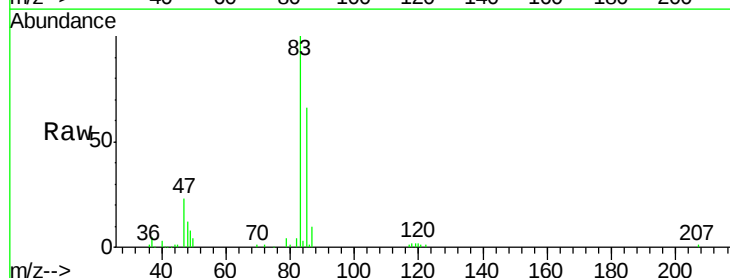
Manual Integrations
APPROVED

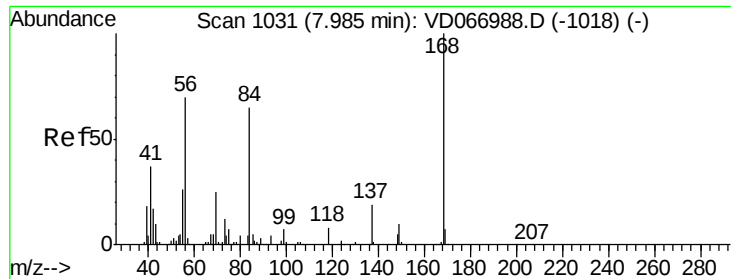
apatel
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#30
Chloroform
Concen: 20.770 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.3	78.5





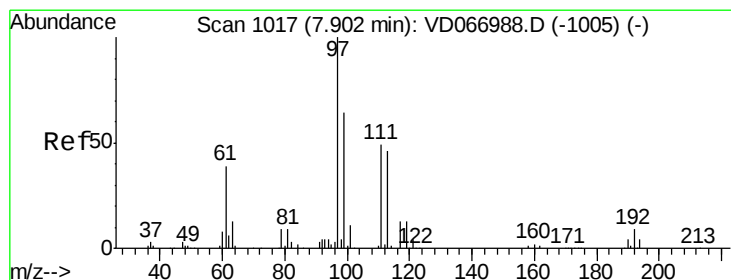
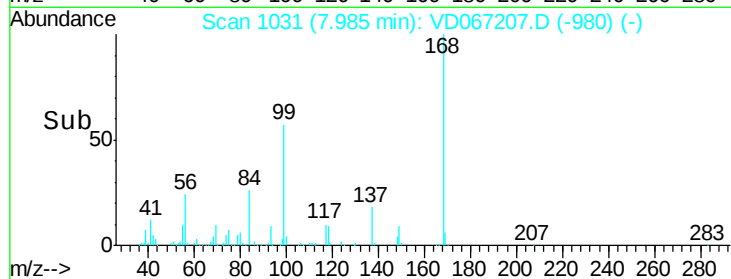
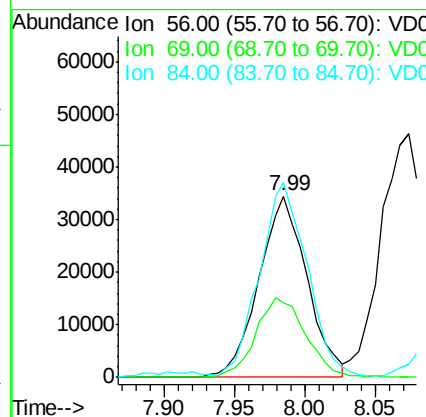
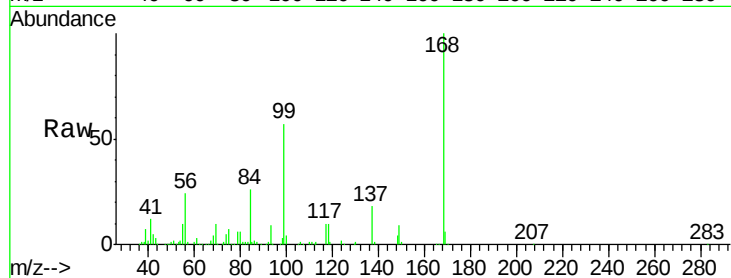
#31
Cyclohexane
Concen: 16.760 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	41.3	29.0	43.6	
84	104.4	74.2	111.2	

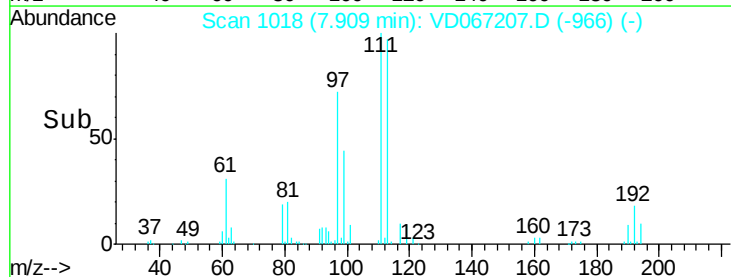
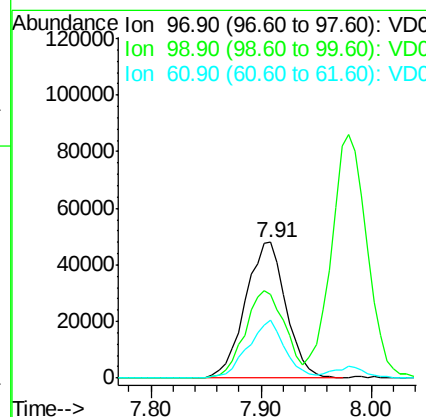
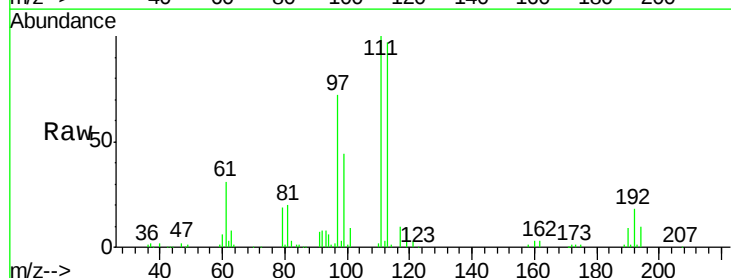
Manual Integrations
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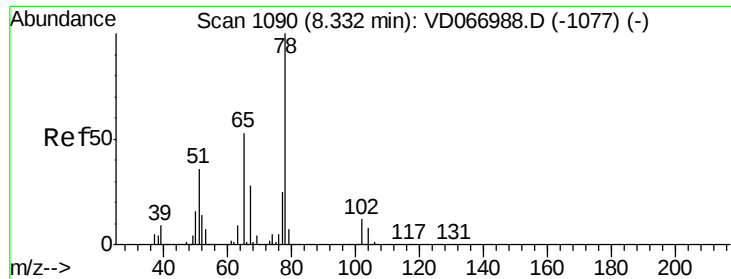
apatel
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#32
1,1,1-Trichloroethane
Concen: 21.157 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.7	52.6	78.8	
61	38.9	32.8	49.2	





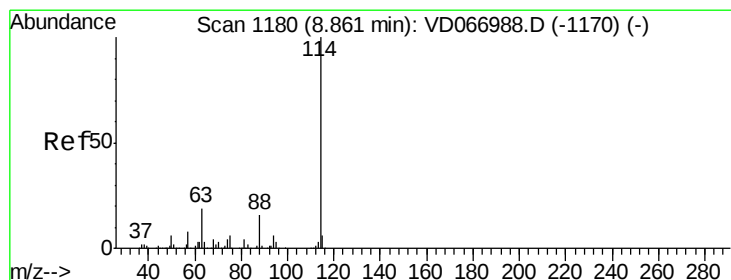
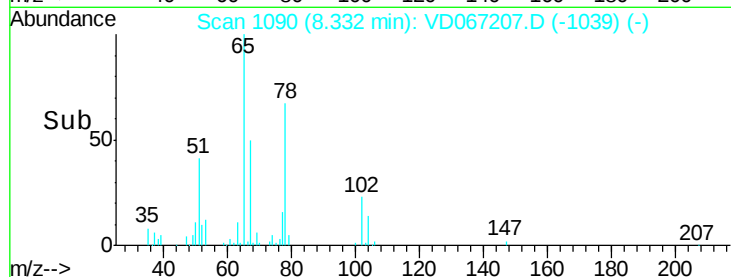
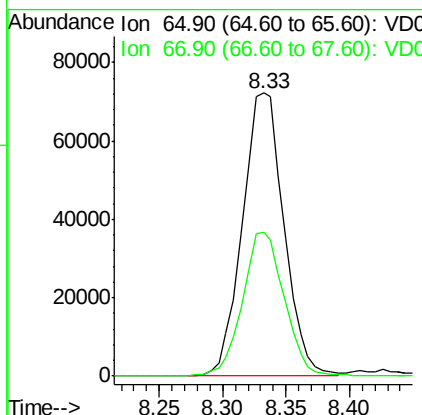
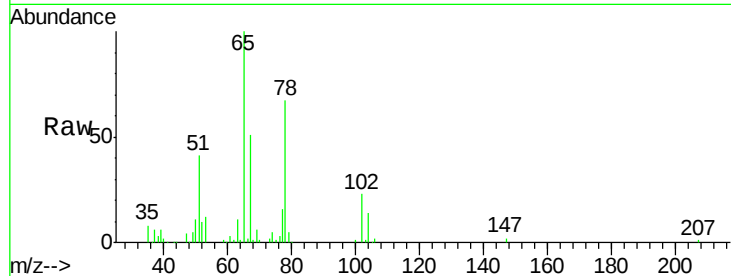
#33
 1,2-Dichloroethane-d4
 Concen: 50.714 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.3	0.0	106.8	

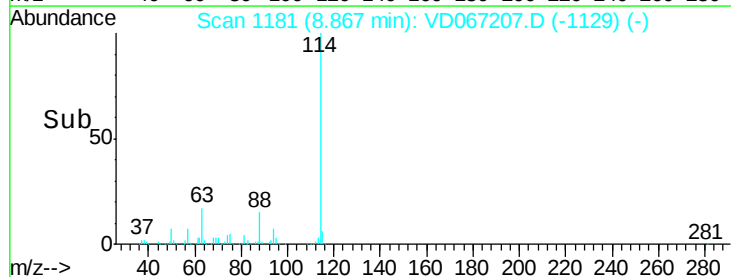
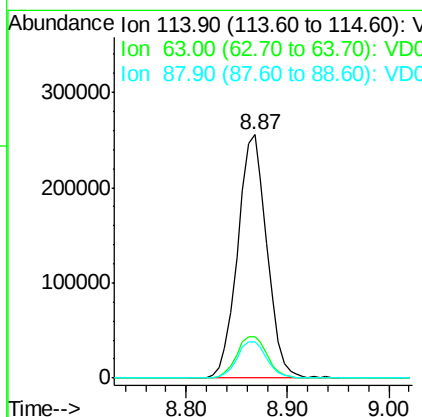
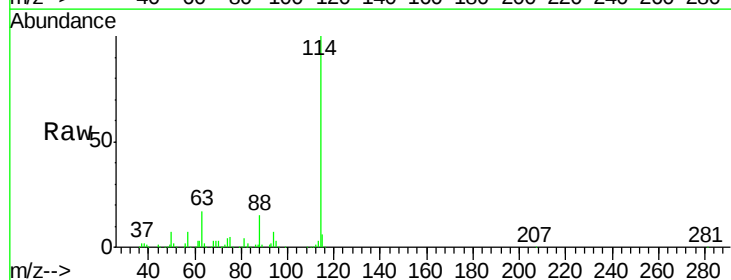
Manual Integrations
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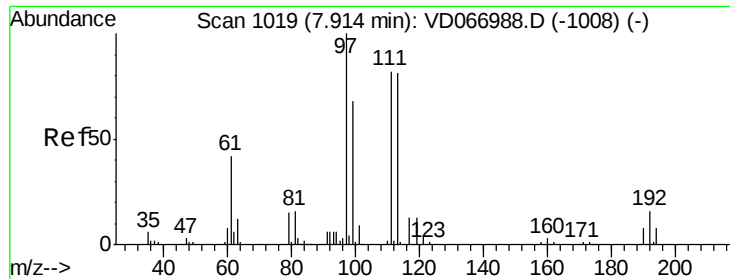
apatel
 10/12/2020 10:42:31 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.2	0.0	38.4	
88	14.7	0.0	31.2	





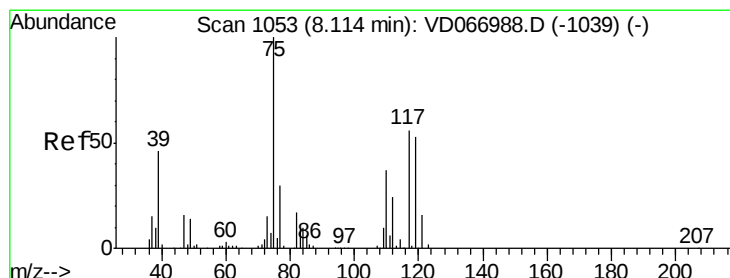
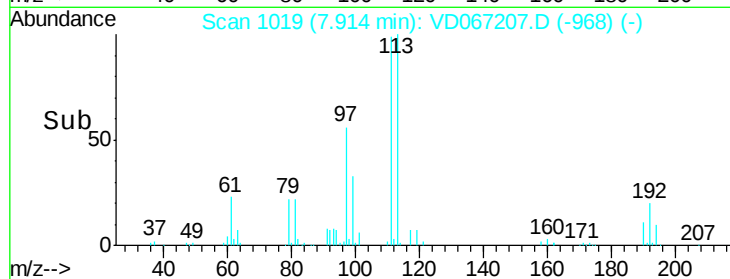
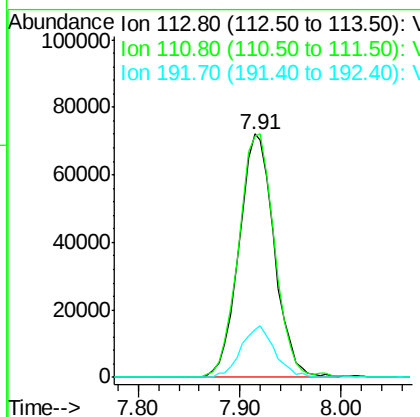
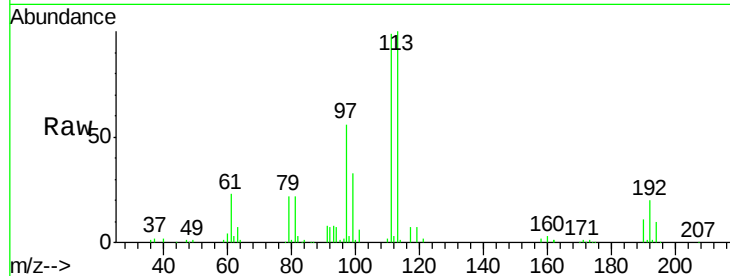
#35
 Dibromofluoromethane
 Concen: 51.810 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	173426		
111	102.5	83.0	124.4	
192	20.2	15.5	23.3	

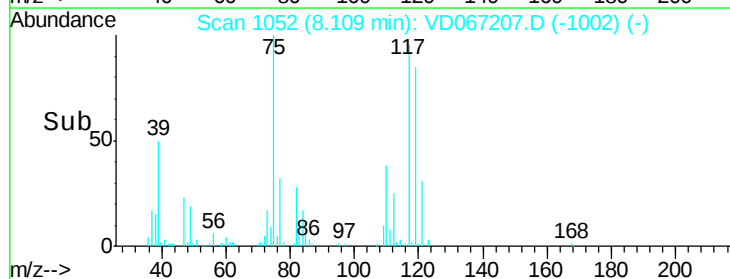
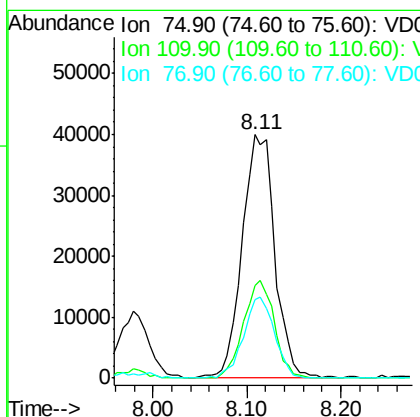
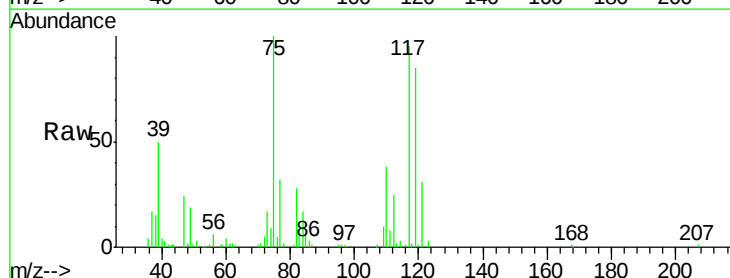
Manual Integrations
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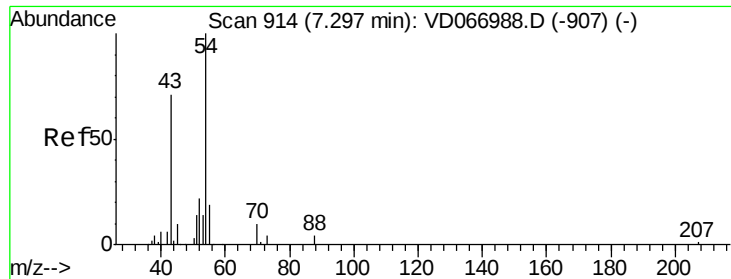
apatel
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#36
 1,1-Dichloropropene
 Concen: 20.165 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	96104		
110	37.9	18.4	55.0	
77	31.5	24.8	37.2	





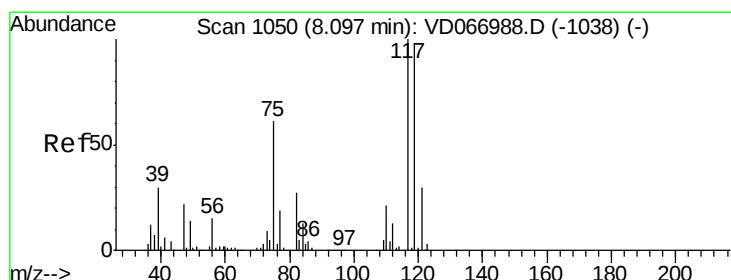
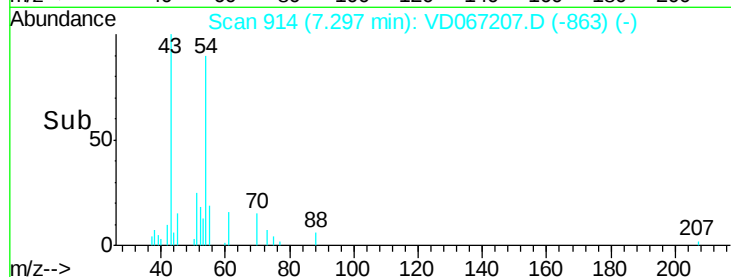
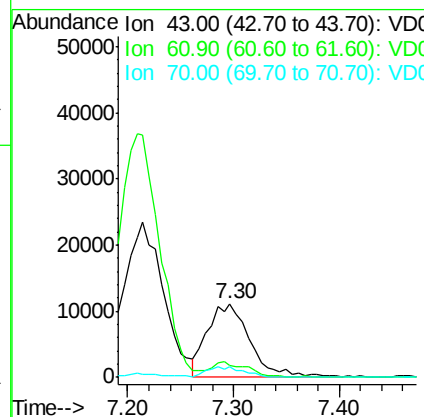
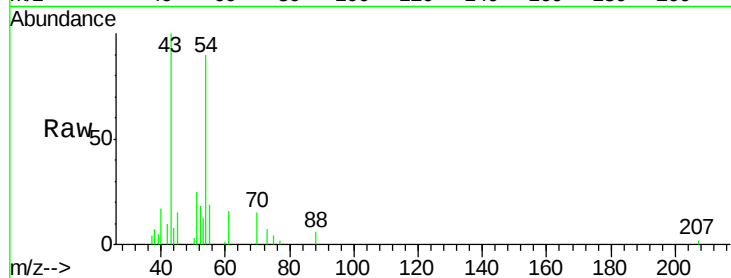
#37
Ethyl Acetate
Concen: 18.869 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleID :
VD1009SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	12.5	18.7
70	12.2	9.4	14.0

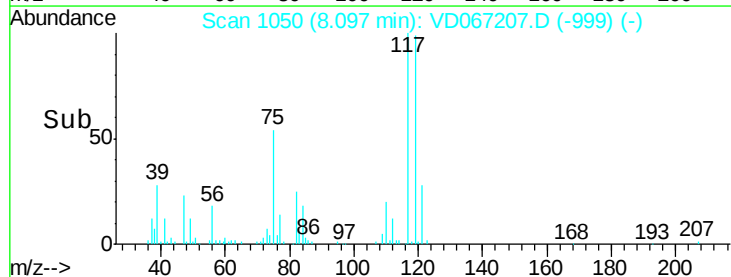
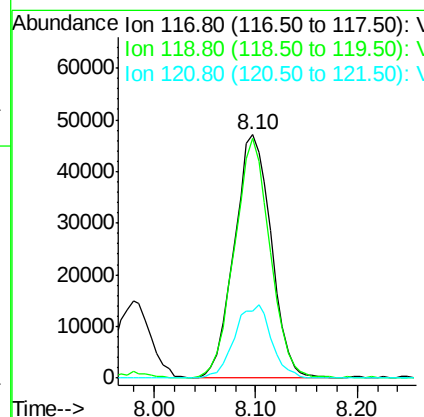
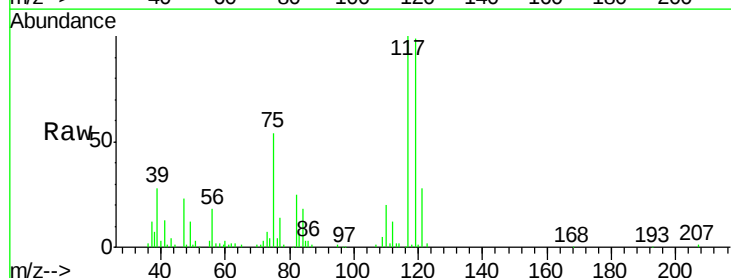
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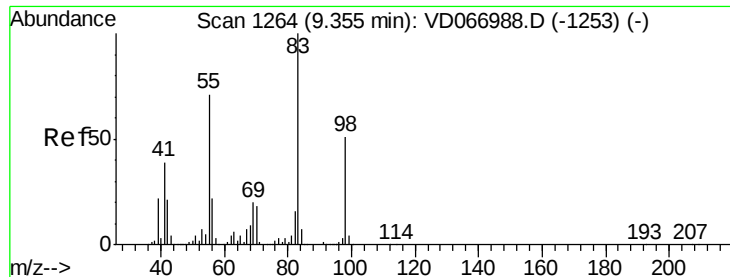
apatel
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#38
Carbon Tetrachloride
Concen: 23.087 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	78.7	118.1
121	27.7	24.2	36.2





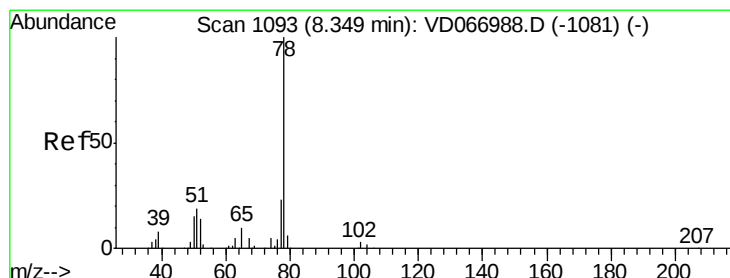
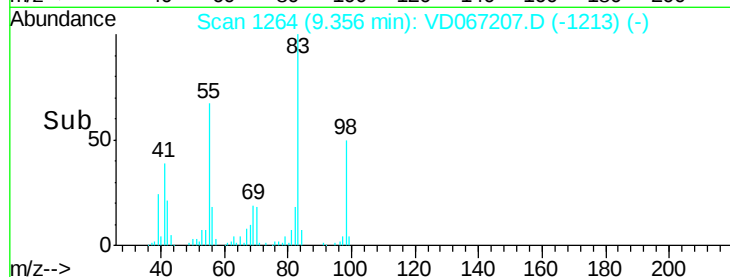
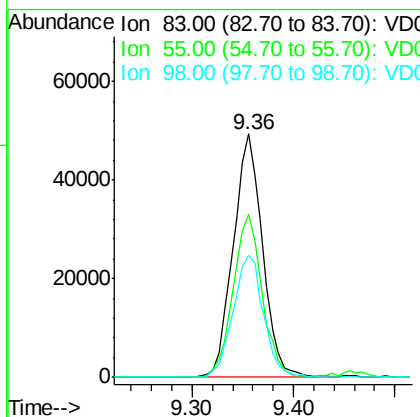
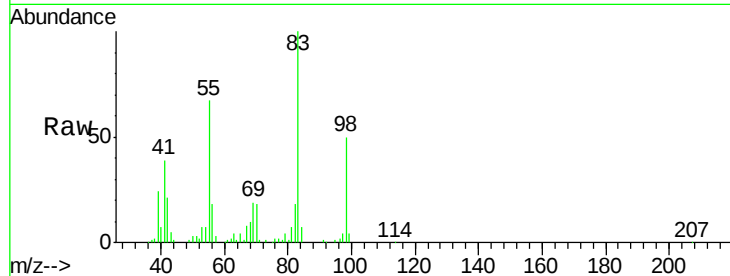
#39
Methvlcvclohexane
Concen: 19.661 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.0	57.1	85.7
98	50.1	40.9	61.3

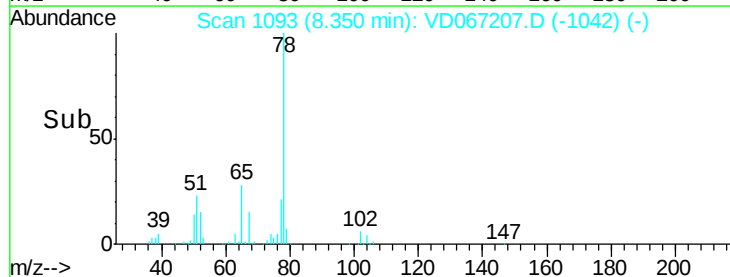
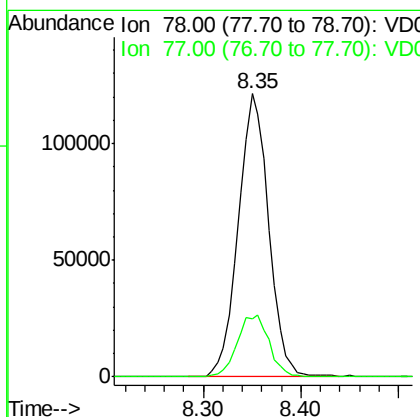
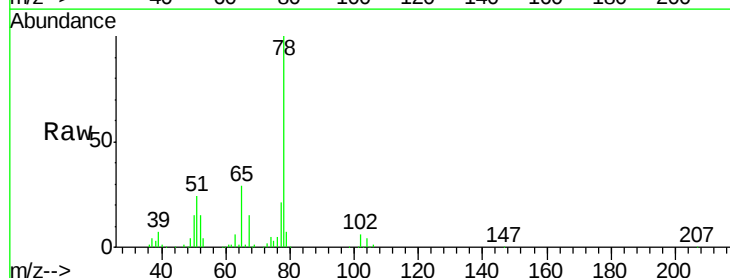
Manual Integrations
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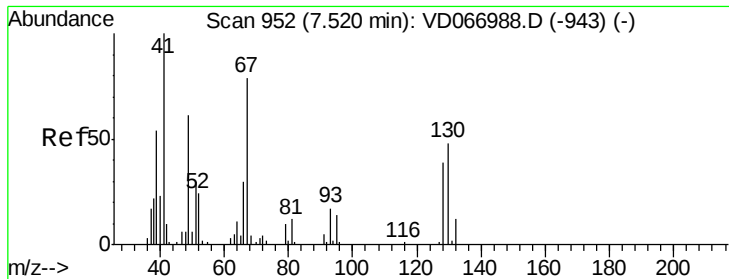
apatel
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#40
Benzene
Concen: 19.947 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.7	18.4	27.6





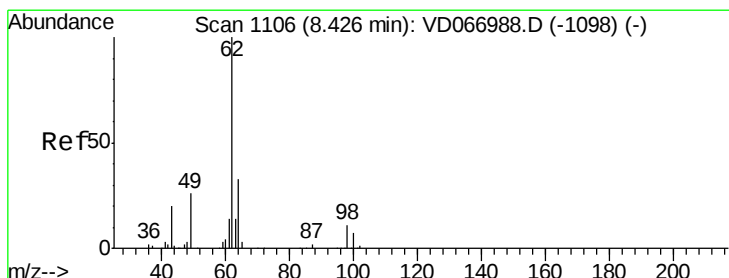
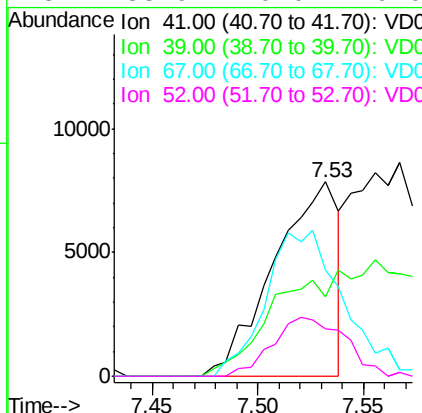
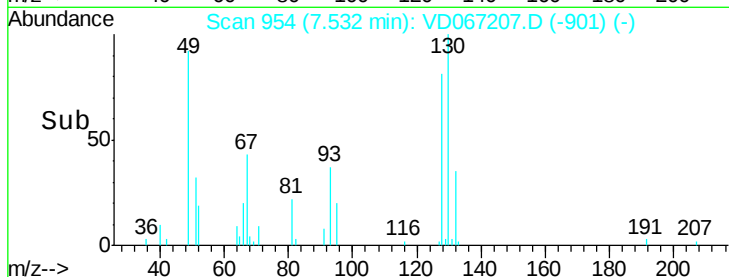
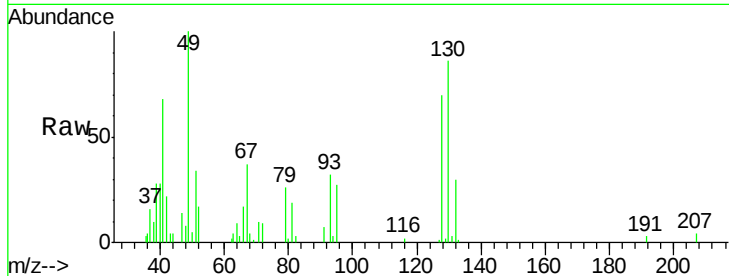
#41
Methacrylonitrile
Concen: 18.750 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
41	100	16724		
39	0.0	0.0	0.0	0.0
67	89.2	0.0	0.0	0.0
52	33.9	0.0	0.0	0.0

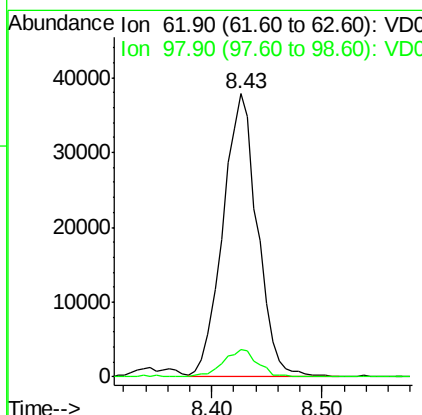
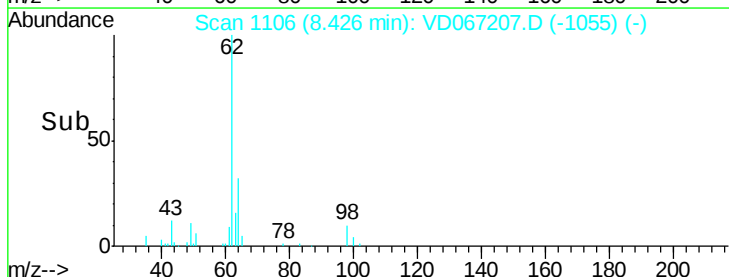
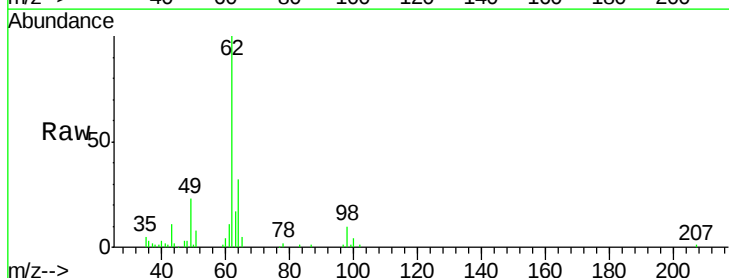
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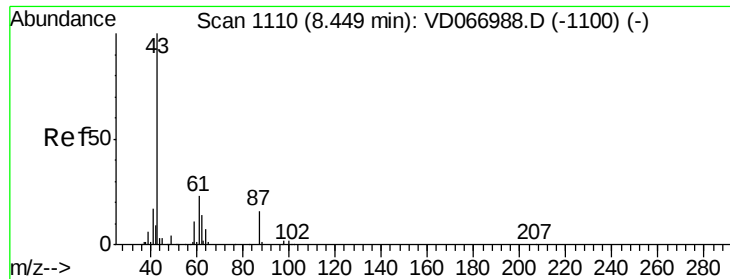
apatel
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#42
1,2-Dichloroethane
Concen: 22.355 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	82691		
98	9.7	0.0	0.0	22.6





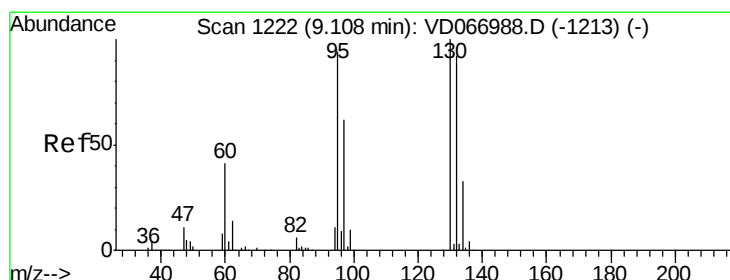
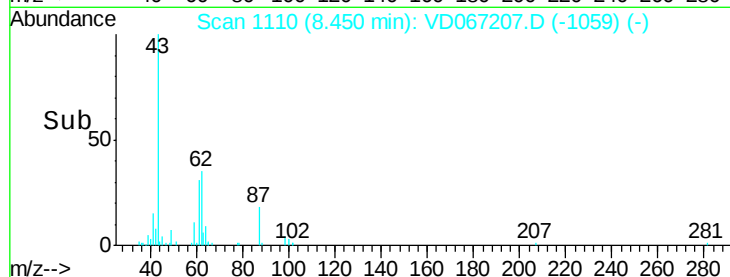
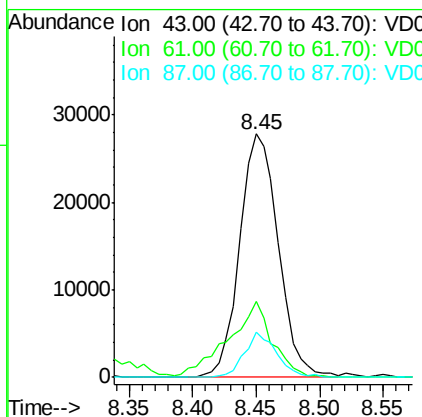
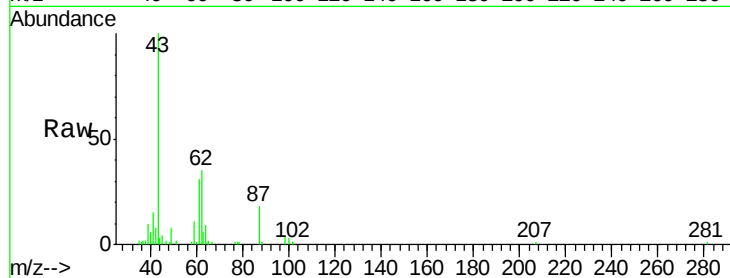
#43
Isopropyl Acetate
Concen: 19.383 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	35.7	27.1	40.7
87	15.6	12.3	18.5

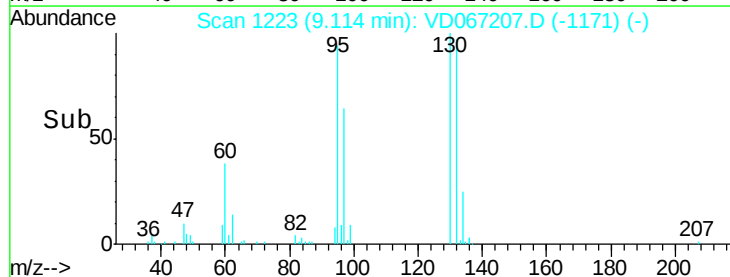
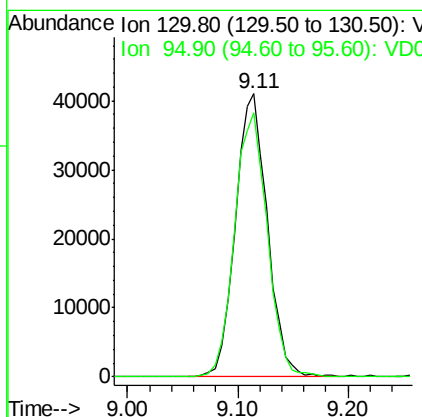
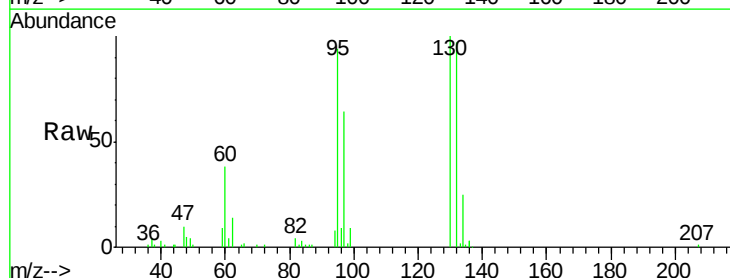
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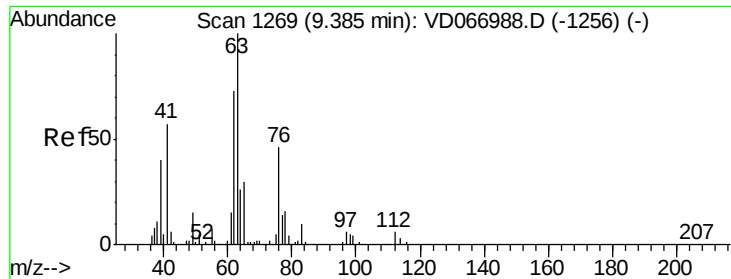
apatel
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#44
Trichloroethene
Concen: 21.085 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	187.8





#45

1,2-Dichloropropane

Concen: 19.929 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion: 63 Resp: 61985

Ion Ratio Lower Upper

63 100

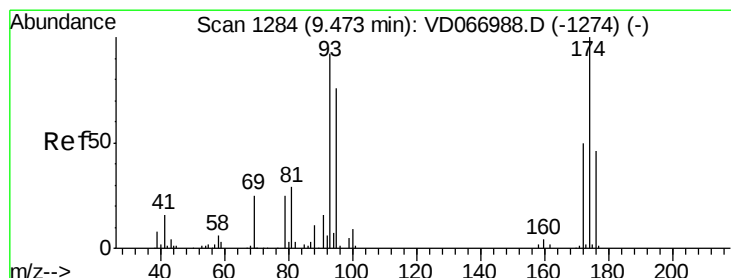
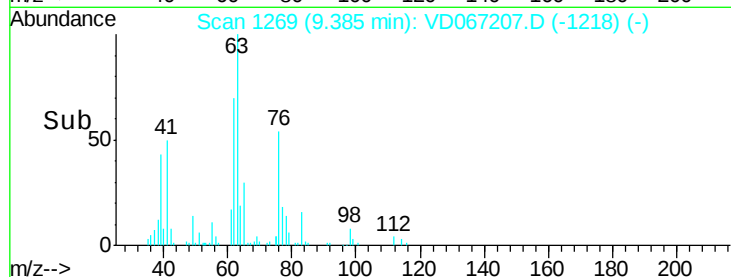
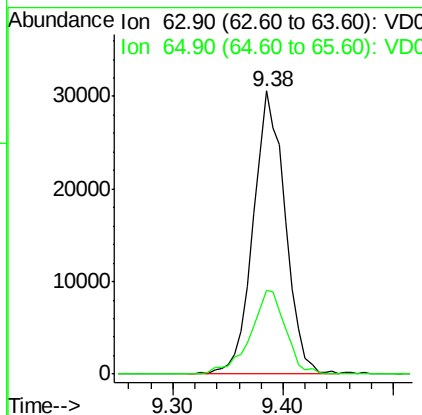
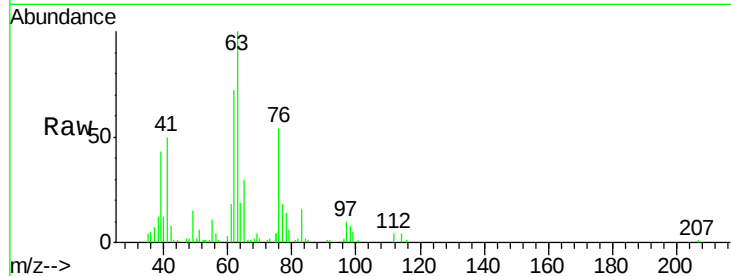
65 29.5 23.7 35.5

Manual Integrations

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#46

Dibromomethane

Concen: 20.208 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

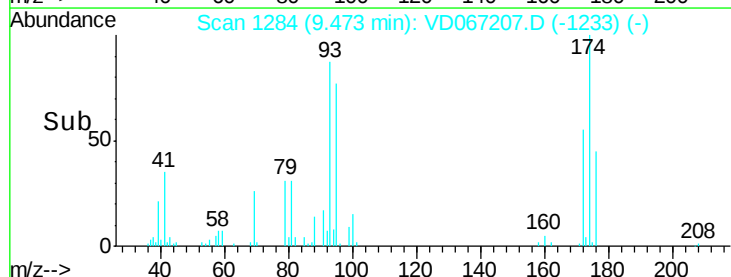
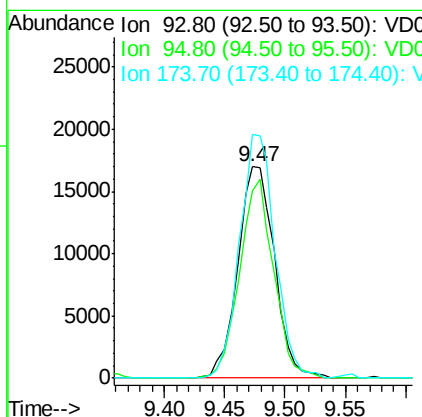
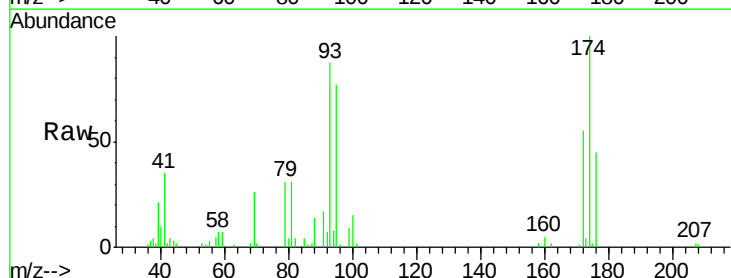
Tgt Ion: 93 Resp: 36125

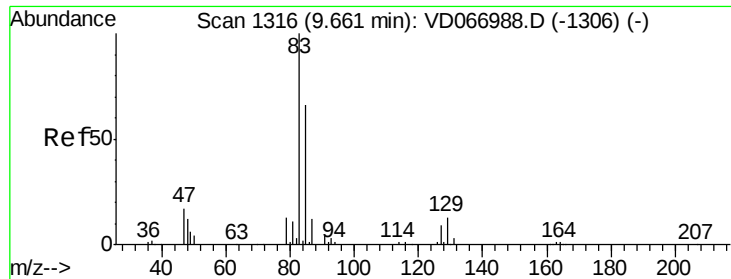
Ion Ratio Lower Upper

93 100

95 87.4 64.7 97.1

174 111.2 81.4 122.2





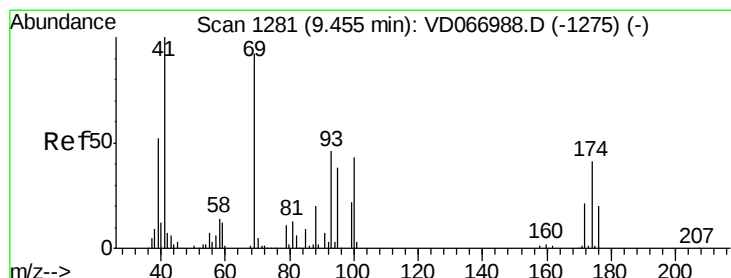
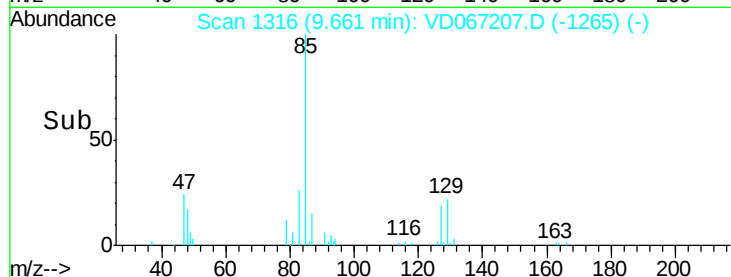
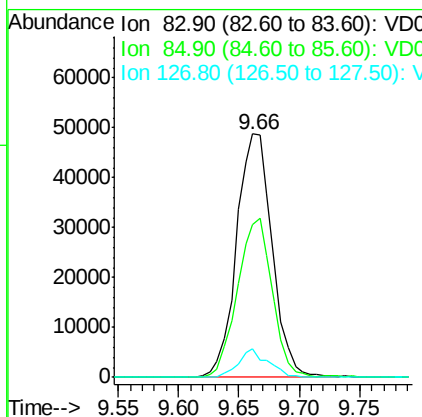
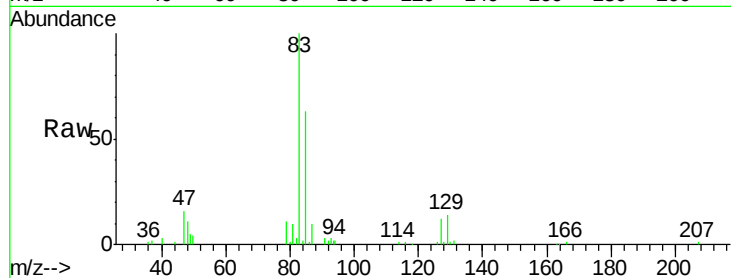
#47
Bromodichloromethane
Concen: 21.553 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	62.8	52.9	79.3	
127	11.9	7.3	10.9	

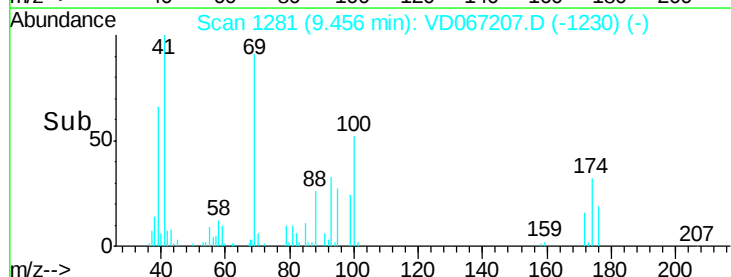
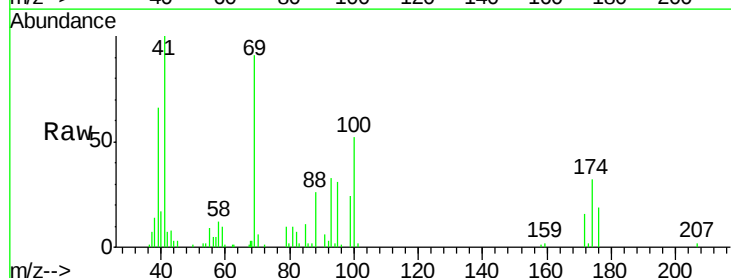
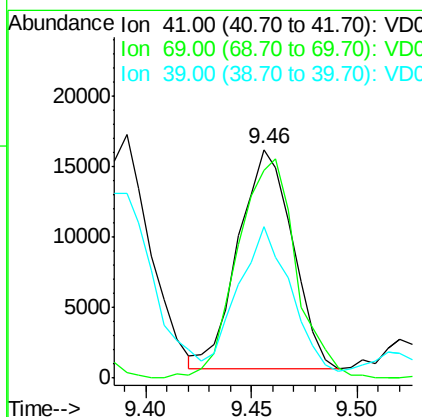
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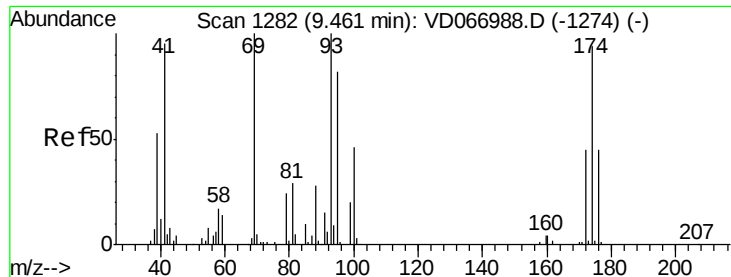
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#48
Methyl methacrylate
Concen: 17.812 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	107.8	68.5	102.7	
39	70.0	40.2	60.2	





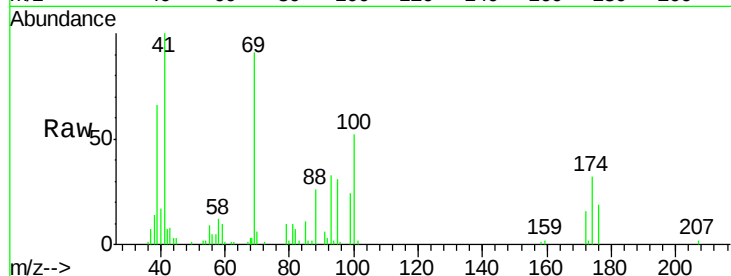
#49
1,4-Dioxane
Concen: 438.332 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	25.6	38.4
58	56.3	53.5	80.3

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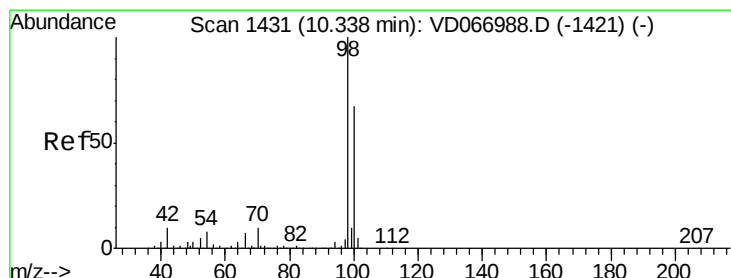
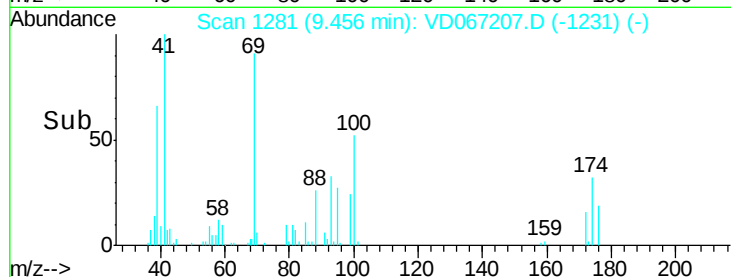
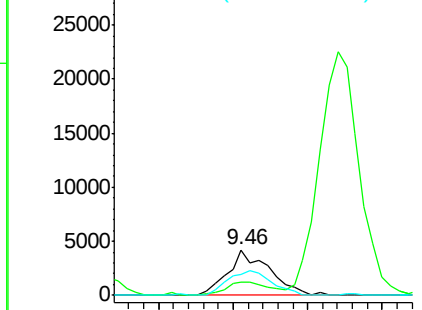


Abundance

Ion 88.00 (87.70 to 88.70): VDC

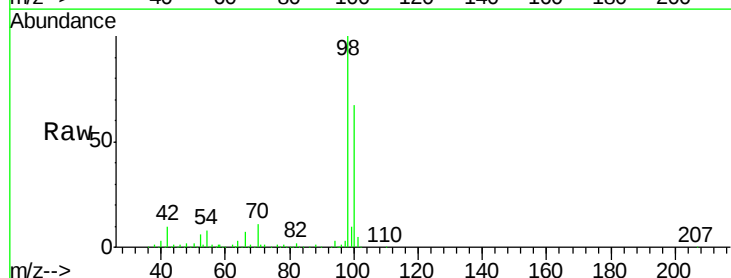
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 51.131 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

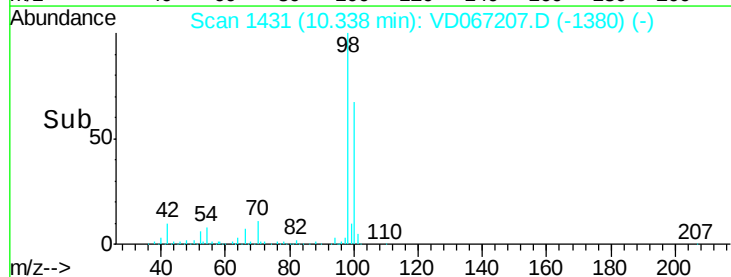
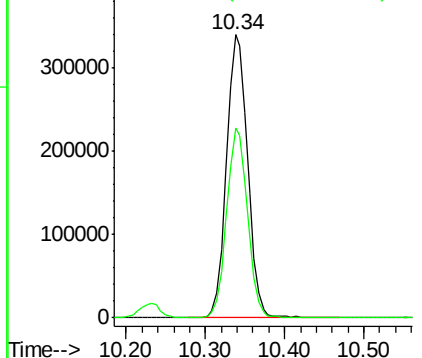
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.8	79.2

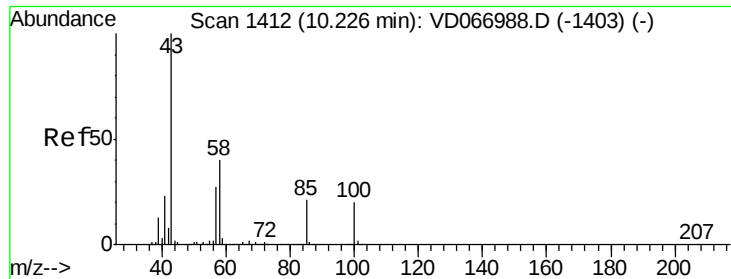


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





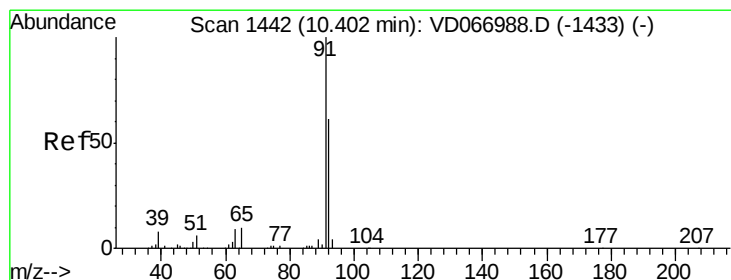
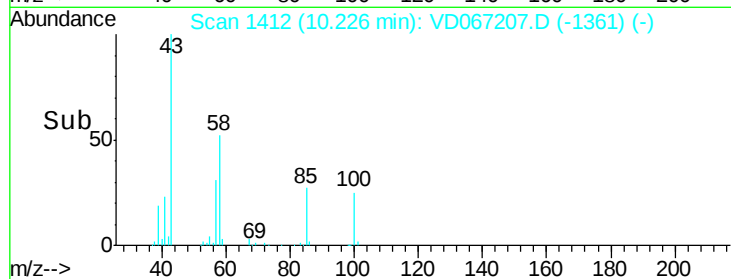
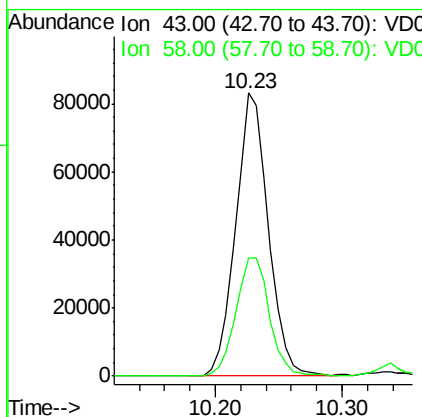
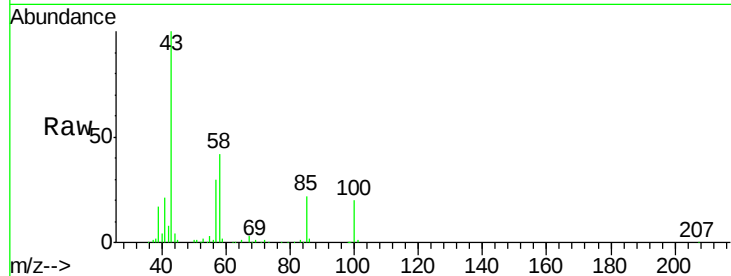
#51
 4-Methyl-2-Pentanone
 Concen: 97.756 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Tot Ion	43	Resp	148097
Ion Ratio	100	Lower	Upper
43	100		
58	43.3	33.8	50.8

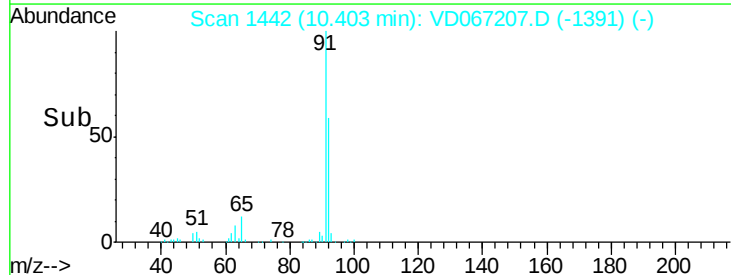
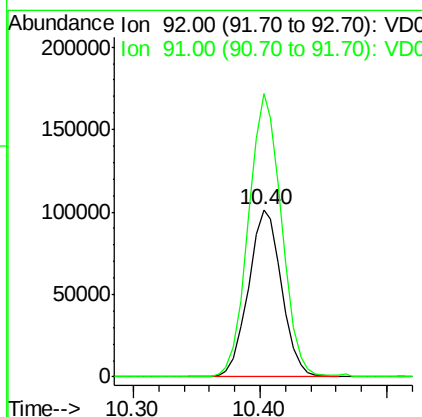
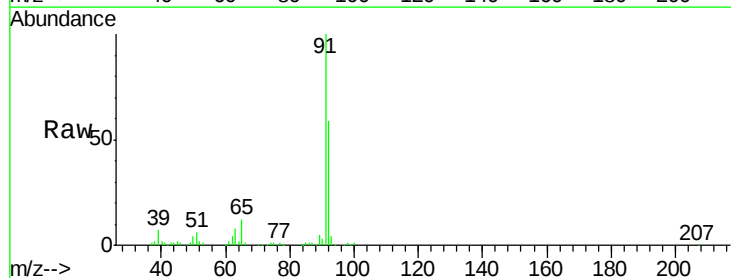
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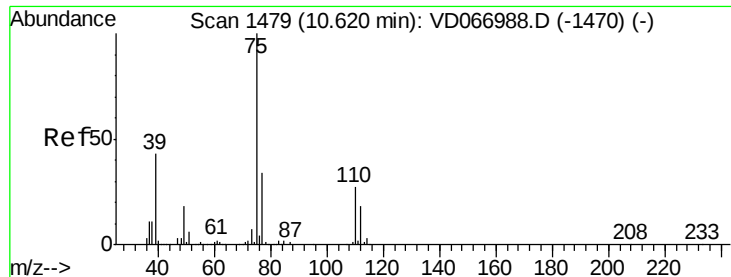
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#52
 Toluene
 Concen: 21.605 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion	92	Resp	184232
Ion Ratio	100	Lower	Upper
92	100		
91	169.7	135.1	202.7





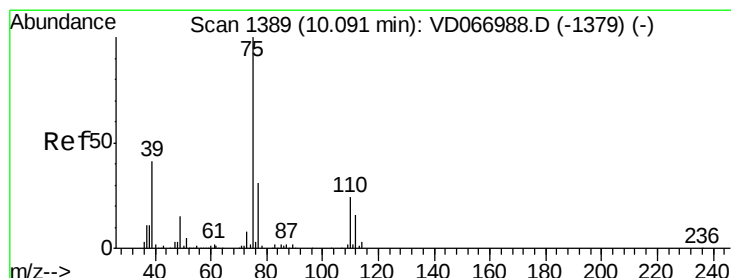
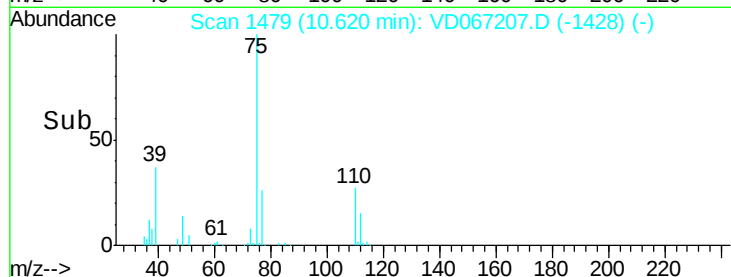
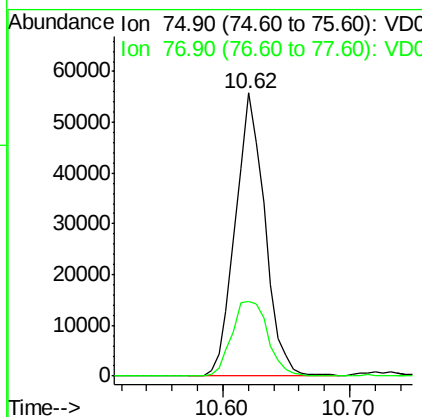
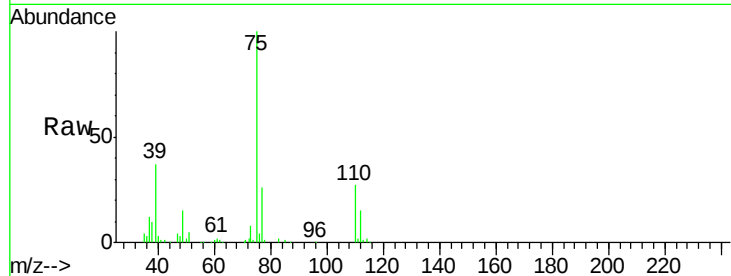
#53
 t-1,3-Dichloropropene
 Concen: 21.686 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Tot Ion: 75 Resp: 90062
 Ion Ratio Lower Upper
 75 100
 77 26.2 27.1 40.7#

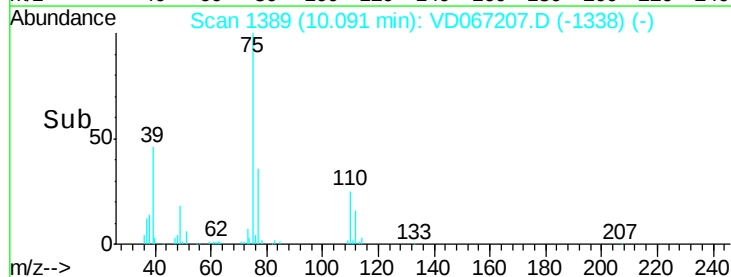
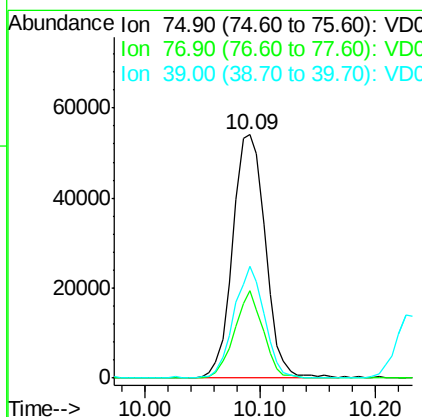
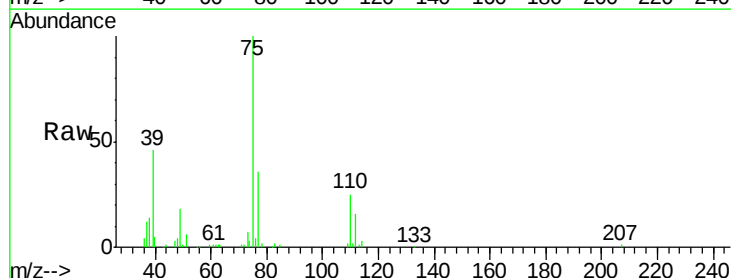
Manual Integrations
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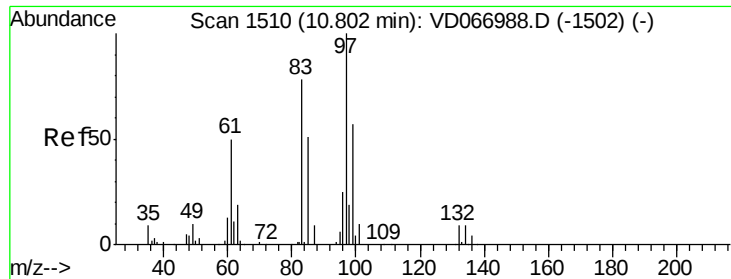
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#54
 cis-1,3-Dichloropropene
 Concen: 20.868 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 75 Resp: 105826
 Ion Ratio Lower Upper
 75 100
 77 36.2 24.6 37.0
 39 46.1 33.0 49.4





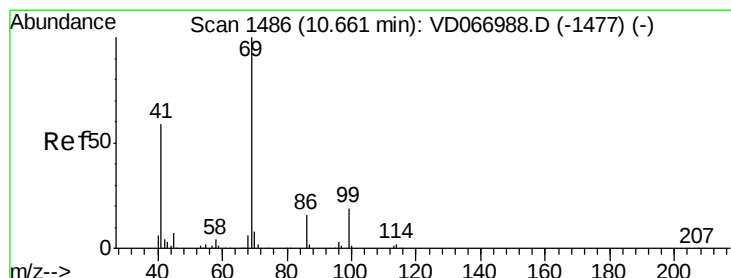
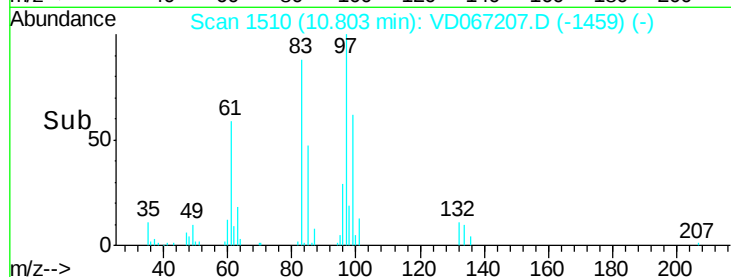
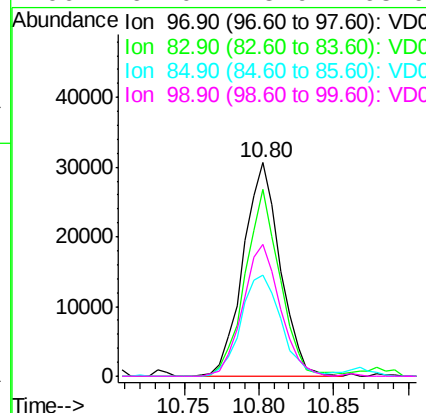
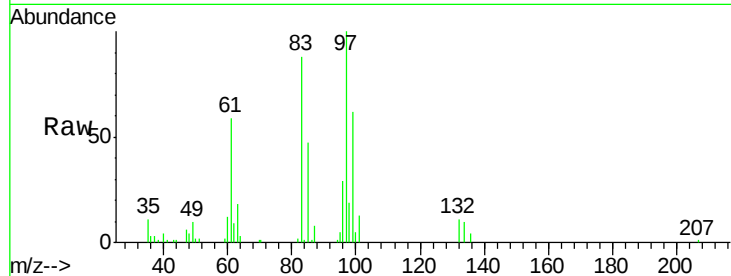
#55
 1,1,2-Trichloroethane
 Concen: 21.124 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Tot Ion:	97	Resp:	52500
Ion	Ratio	Lower	Upper
97	100		
83	87.5	62.4	93.6
85	47.1	41.0	61.4
99	62.0	45.9	68.9

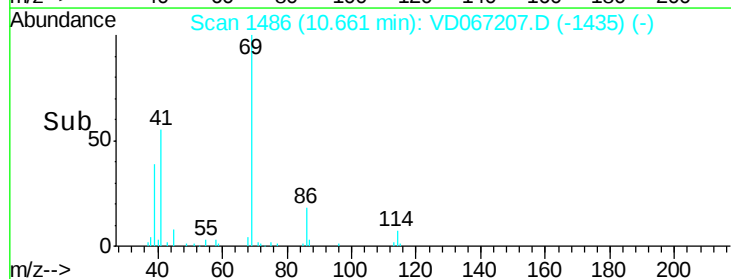
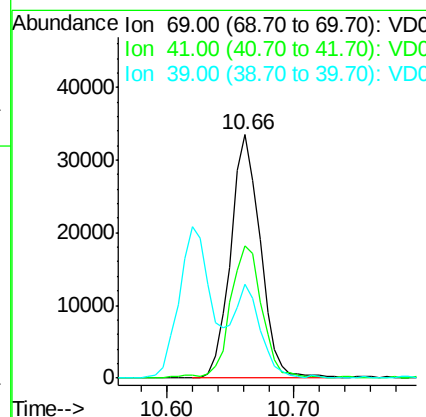
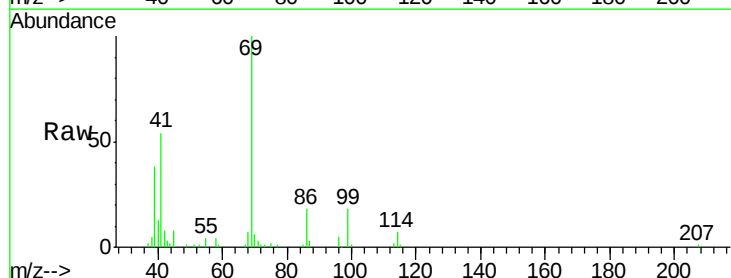
Manual Integrations
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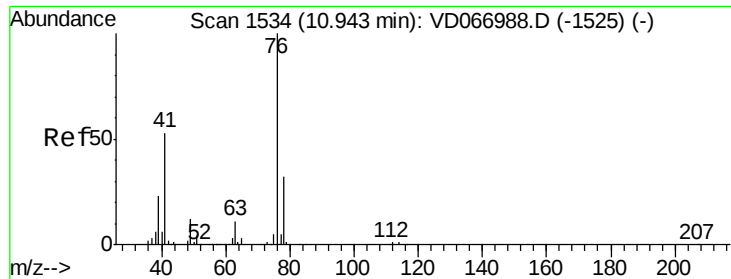
apatel
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#56
 Ethyl methacrylate
 Concen: 21.073 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion:	69	Resp:	54072
Ion	Ratio	Lower	Upper
69	100		
41	58.7	46.4	69.6
39	35.6	23.8	35.6





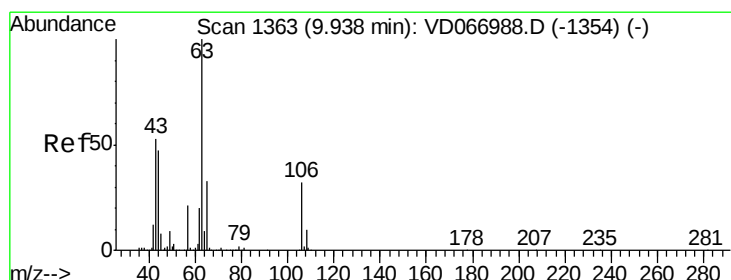
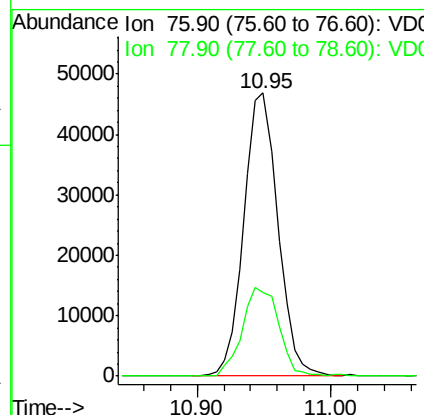
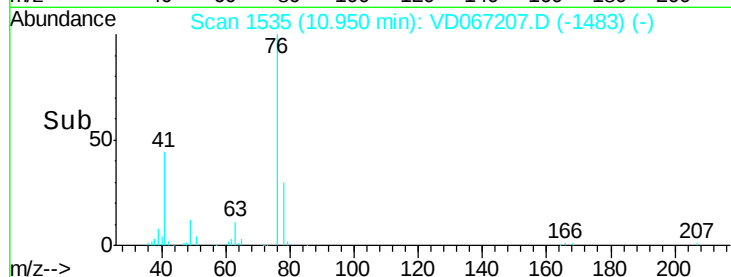
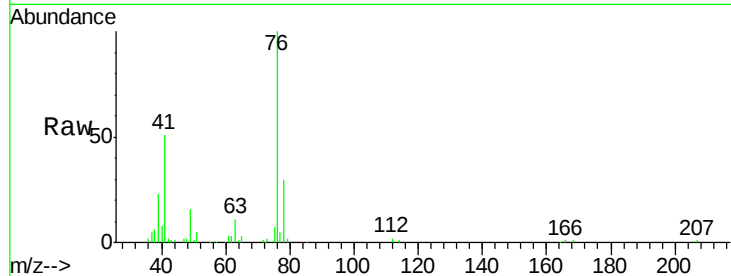
#57
 1,3-Dichloropropane
 Concen: 20.552 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Tot Ion: 76 Resp: 82831
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.8 38.8

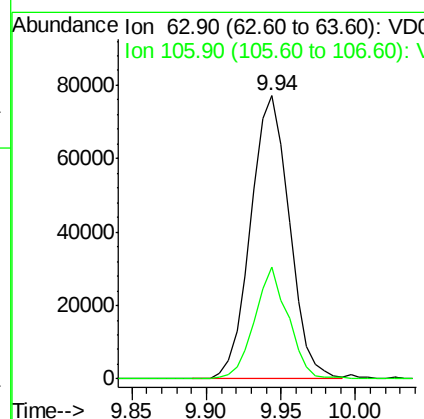
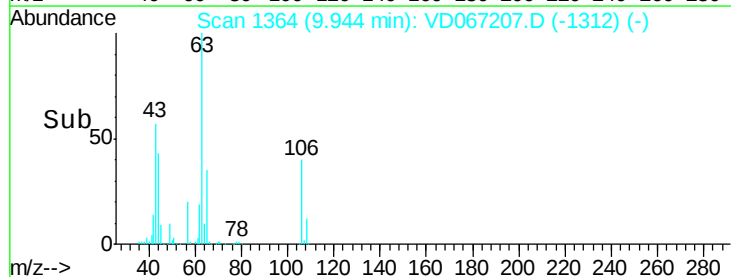
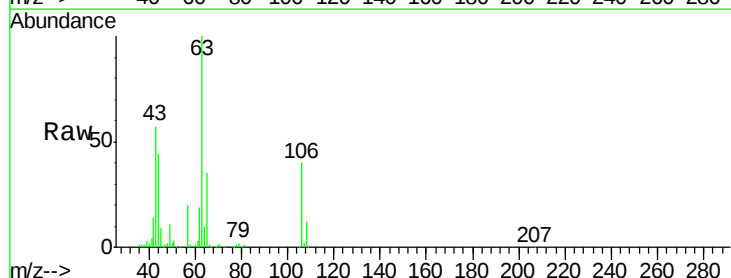
Manual Integrations
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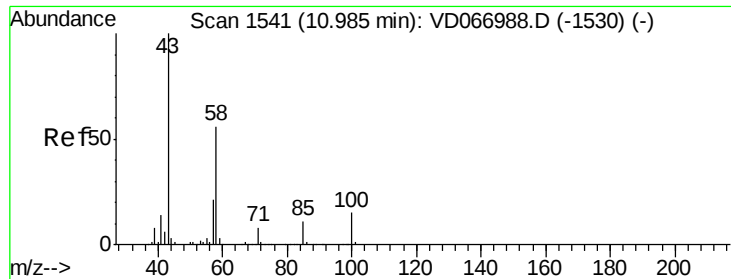
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 96.914 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 63 Resp: 138410
 Ion Ratio Lower Upper
 63 100
 106 34.3 25.3 37.9





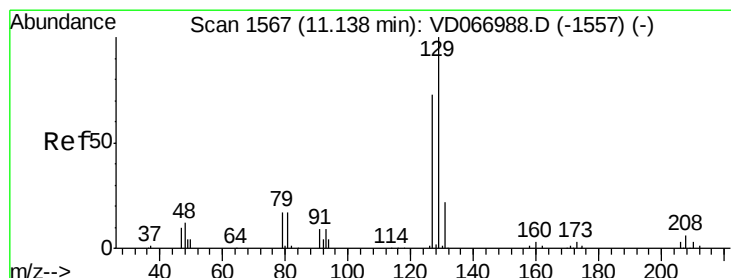
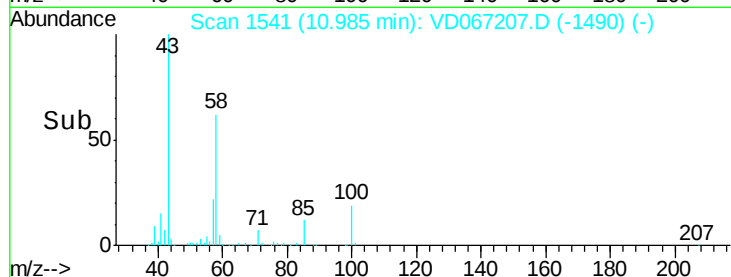
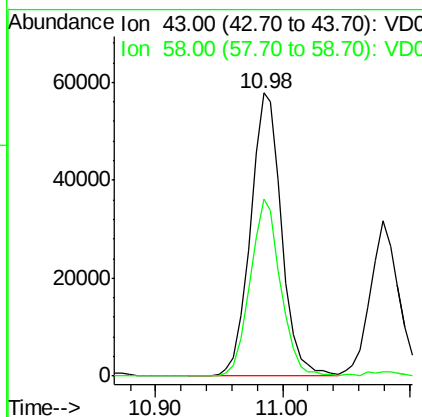
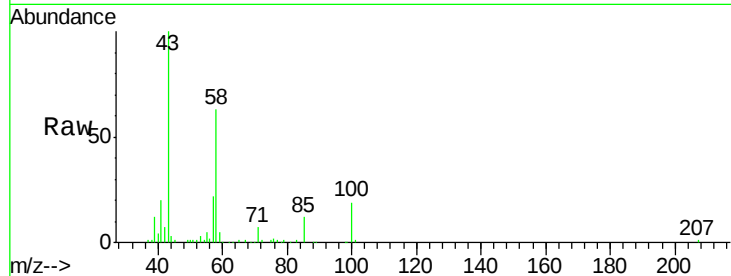
#59
2-Hexanone
Concen: 97.666 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion: 43 Resp: 98755
Ion Ratio Lower Upper
43 100
58 60.8 28.3 84.9

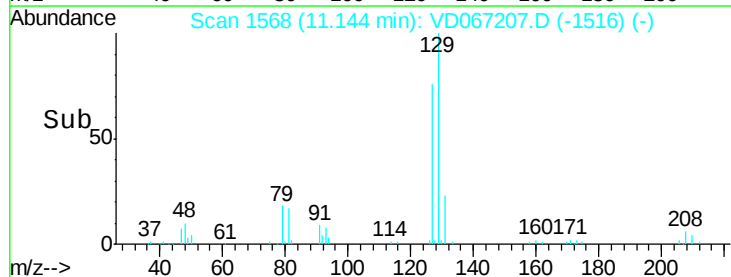
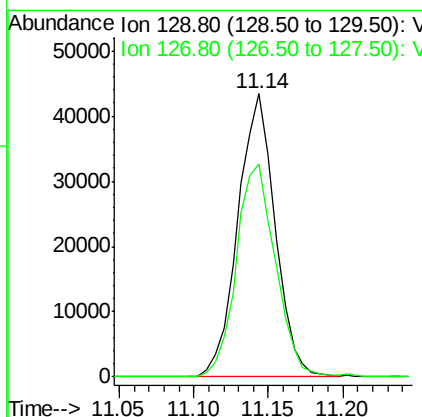
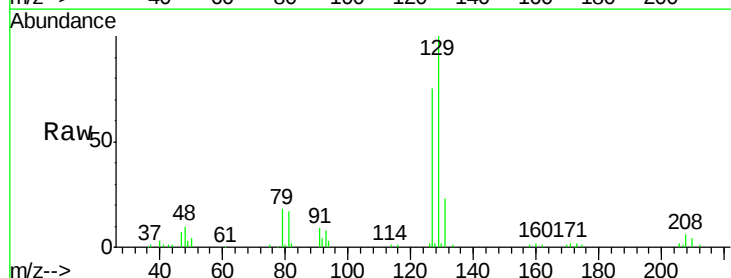
Manual Integrations
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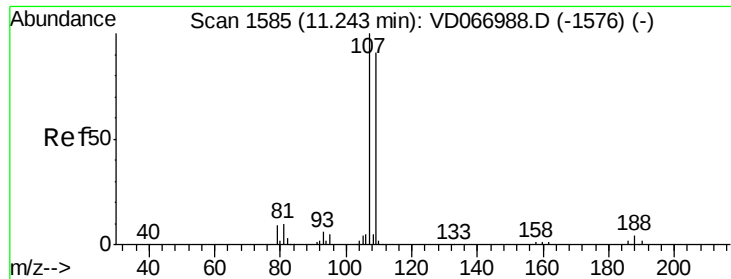
apatel
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#60
Dibromochloromethane
Concen: 22.716 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 129 Resp: 75247
Ion Ratio Lower Upper
129 100
127 78.4 37.4 112.1





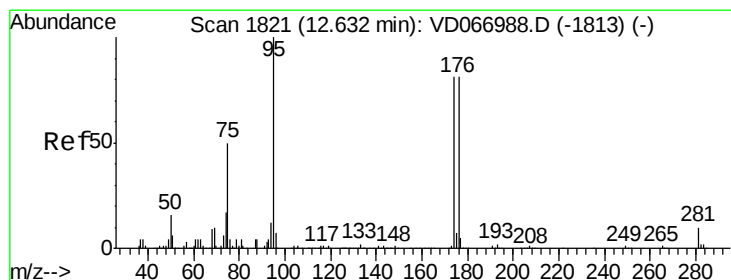
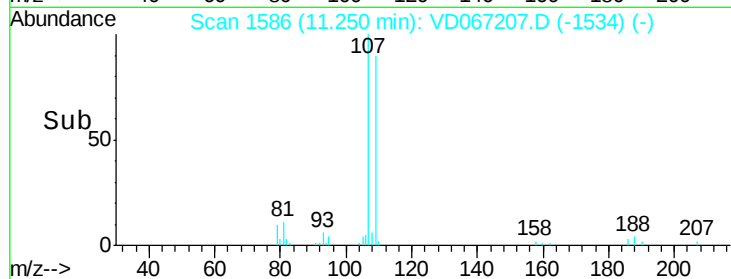
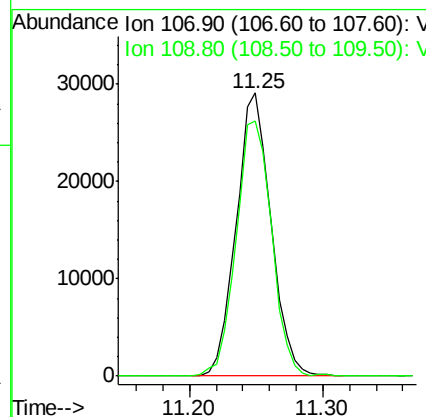
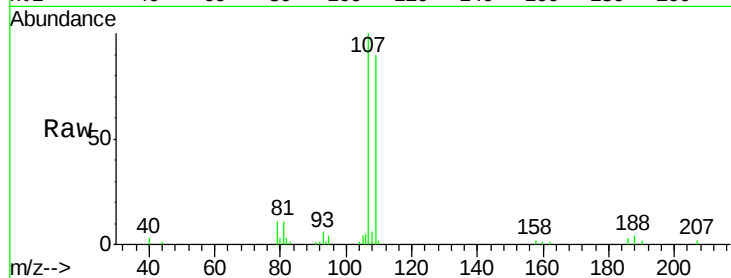
#61
 1,2-Dibromoethane
 Concen: 22.097 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBSD01

Tot Ion: 107 Resp: 52761
 Ion Ratio Lower Upper
 107 100
 109 91.7 74.0 111.0

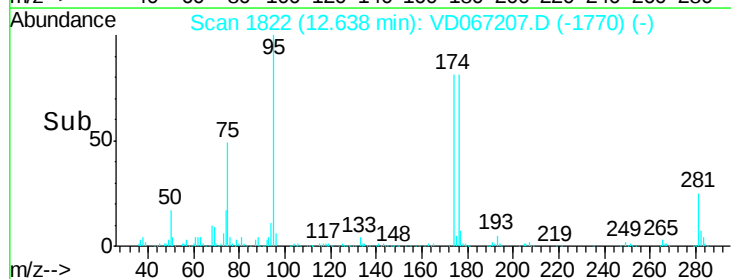
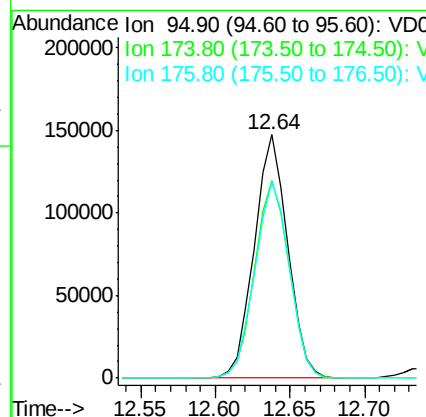
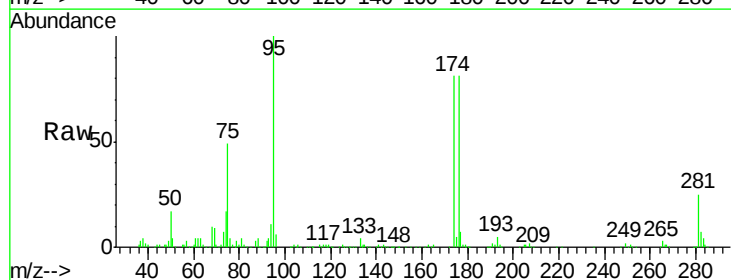
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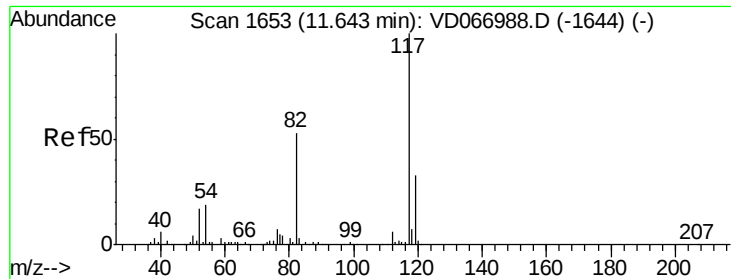
apatel
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#62
 4-Bromofluorobenzene
 Concen: 54.865 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 95 Resp: 227178
 Ion Ratio Lower Upper
 95 100
 174 84.3 0.0 167.6
 176 83.6 0.0 162.4





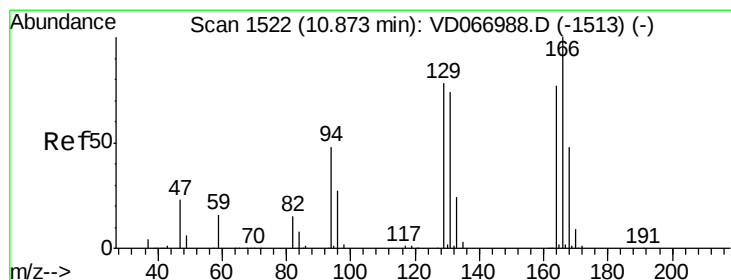
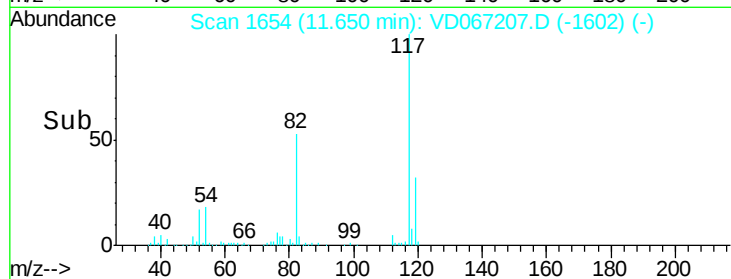
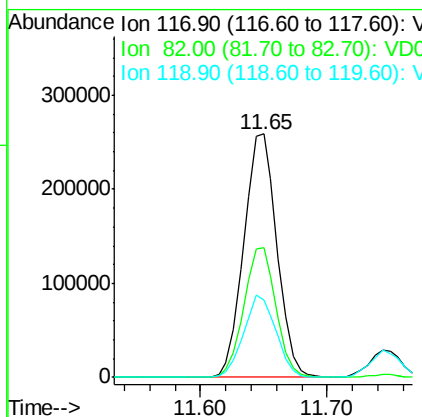
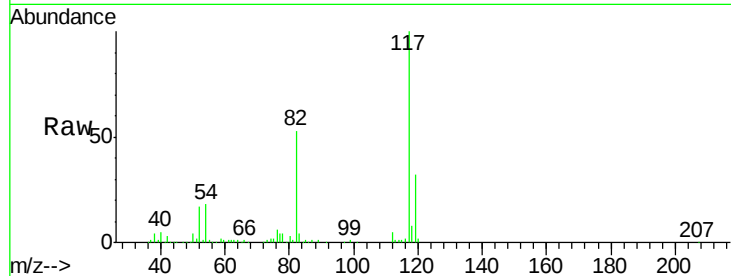
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.6	63.8
119	31.8	26.3	39.5

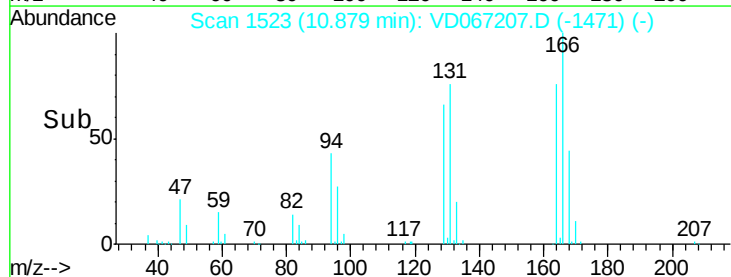
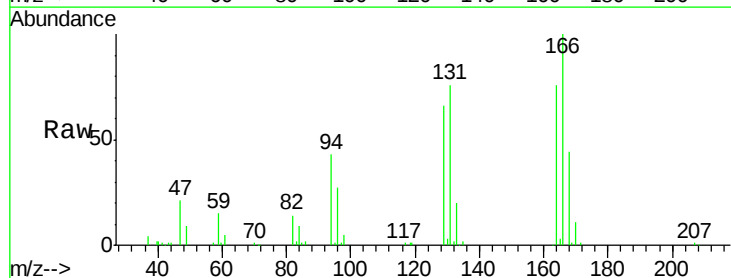
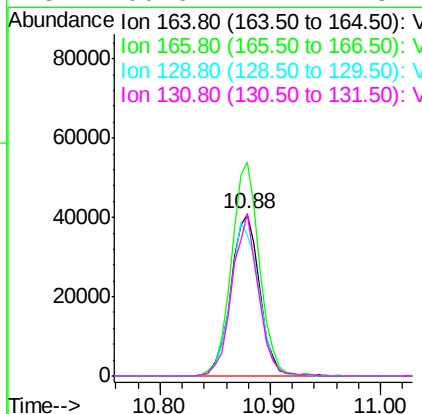
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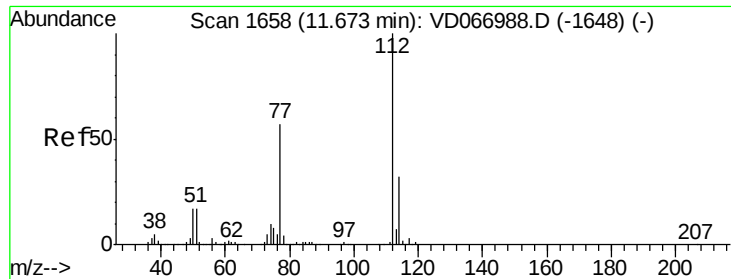
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#64
Tetrachloroethene
Concen: 21.775 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.4	104.4	156.6
129	87.0	81.3	121.9
131	100.6	77.1	115.7





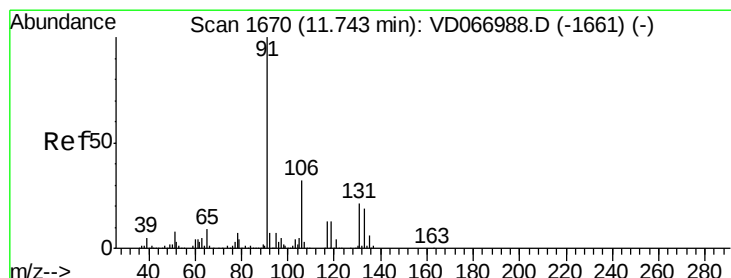
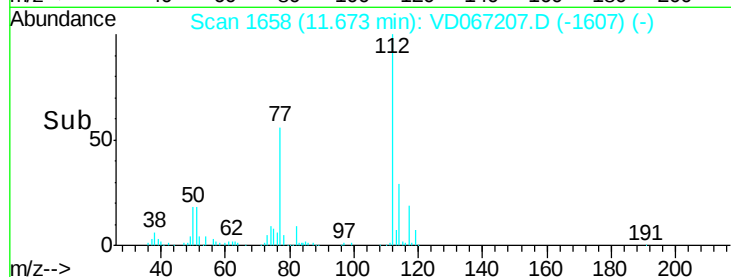
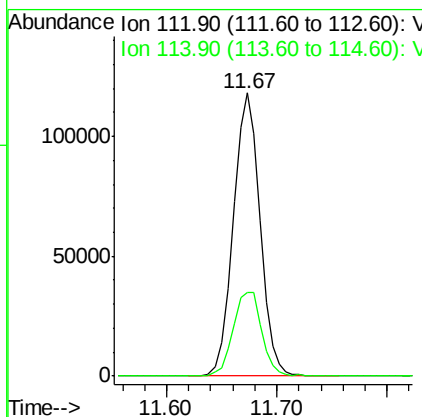
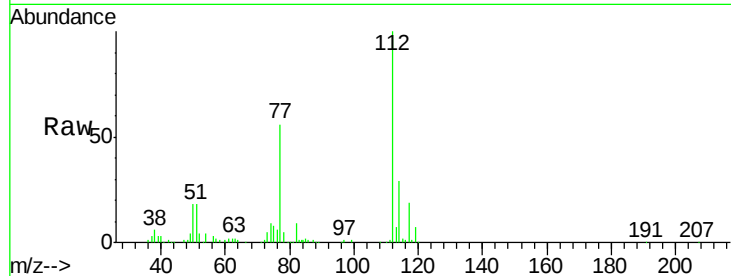
#65
Chlorobenzene
Concen: 21.471 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	200798		
114	29.4	25.4	38.0	

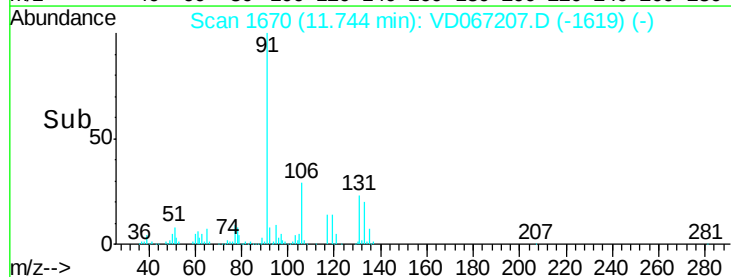
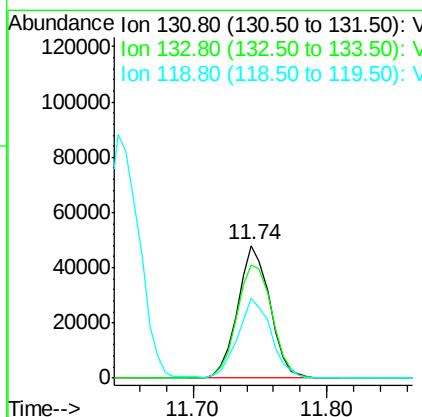
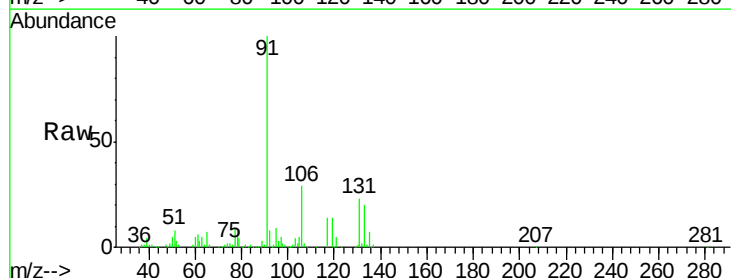
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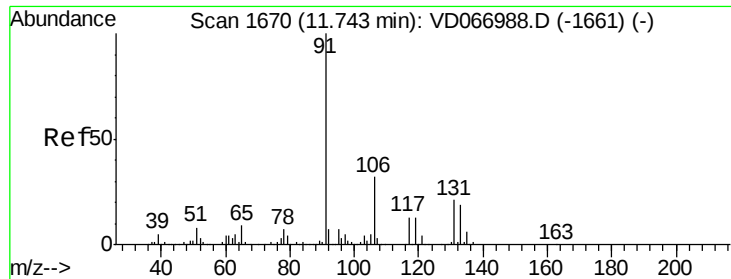
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.559 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	80249		
133	93.2	47.8	143.3	
119	61.9	32.3	96.8	





#67

Ethyl Benzene

Concen: 21.583 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion: 91 Resp: 345841

Ion Ratio Lower Upper

91 100

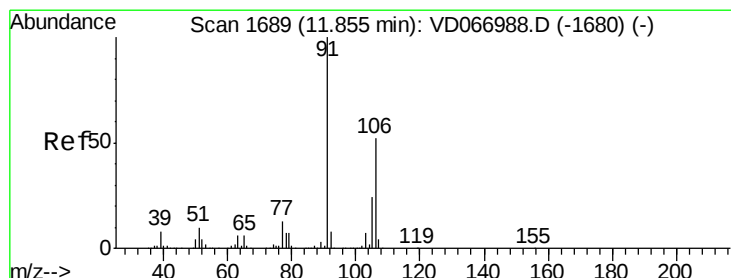
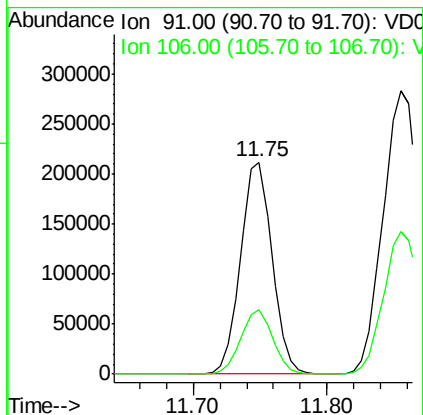
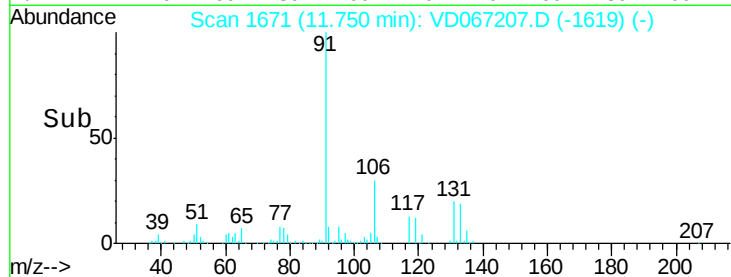
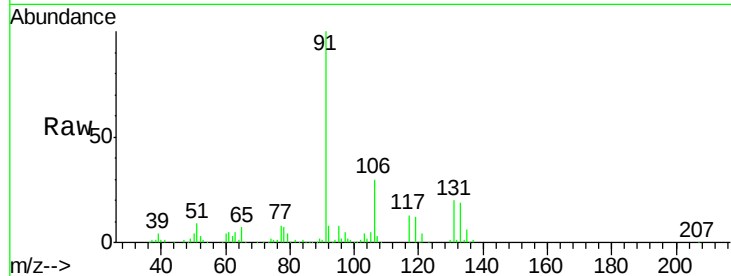
106 30.2 25.4 38.2

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#68

m/p-Xylenes

Concen: 43.566 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067207.D

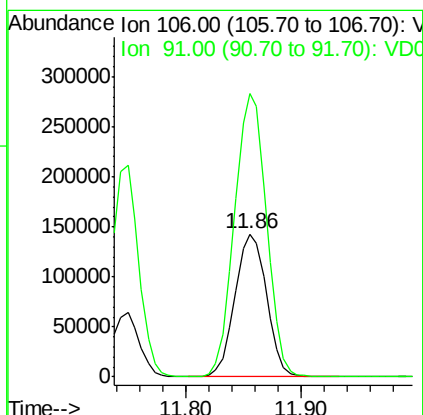
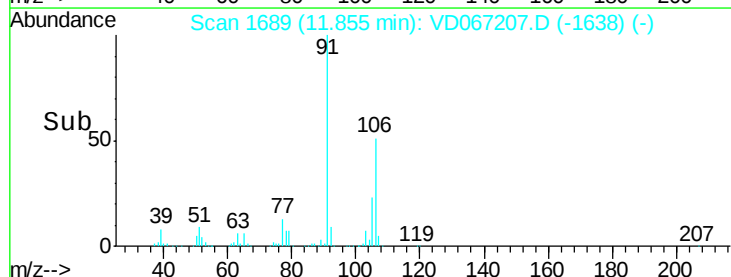
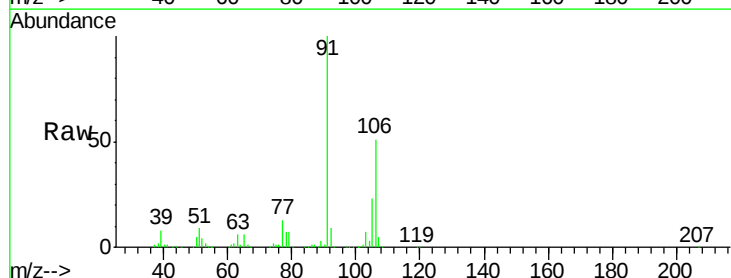
Acq: 09 Oct 2020 13:11

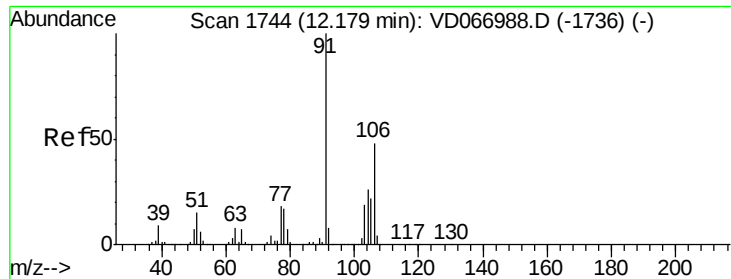
Tgt Ion: 106 Resp: 272056

Ion Ratio Lower Upper

106 100

91 199.9 158.4 237.6





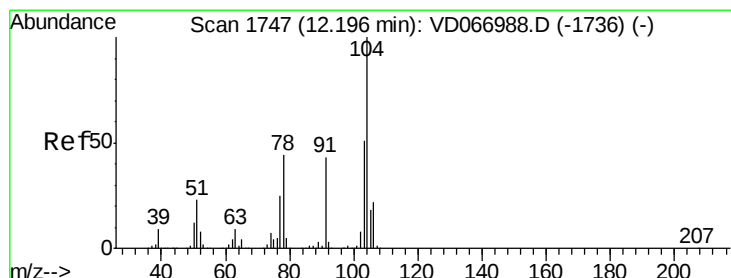
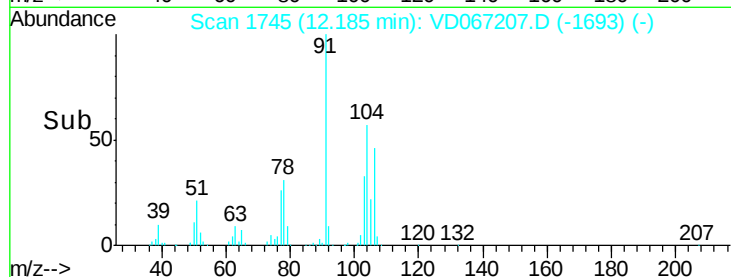
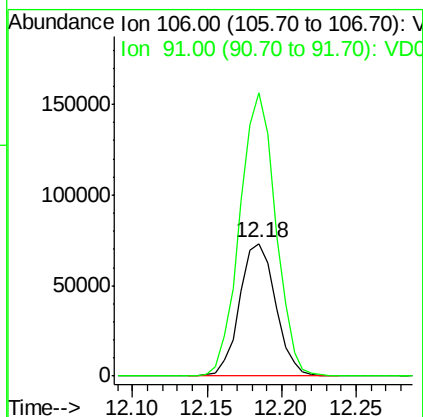
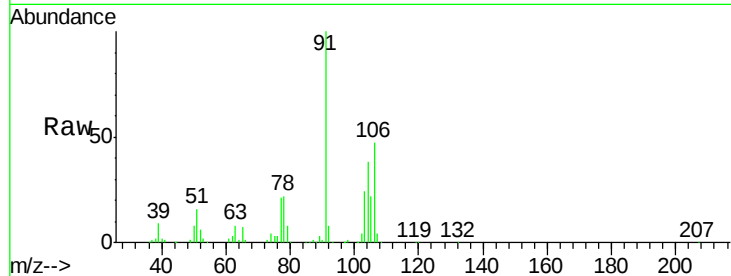
#69
o-Xylene
Concen: 21.970 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion:106 Resp: 122688
Ion Ratio Lower Upper
106 100
91 212.7 102.4 307.2

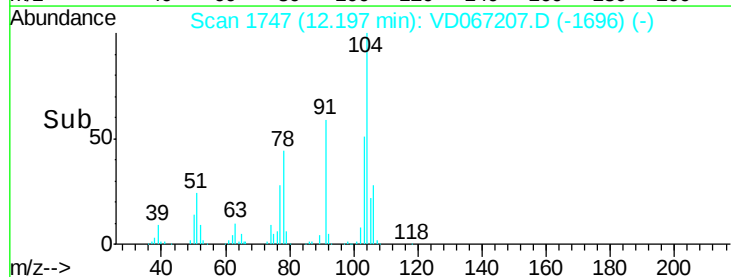
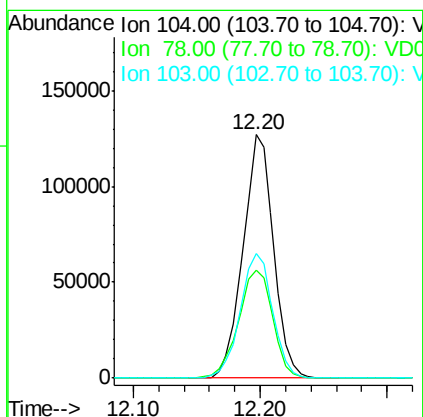
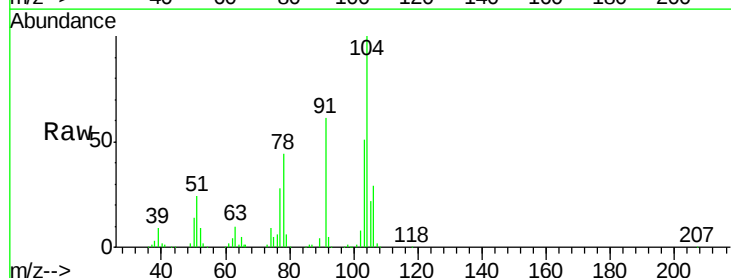
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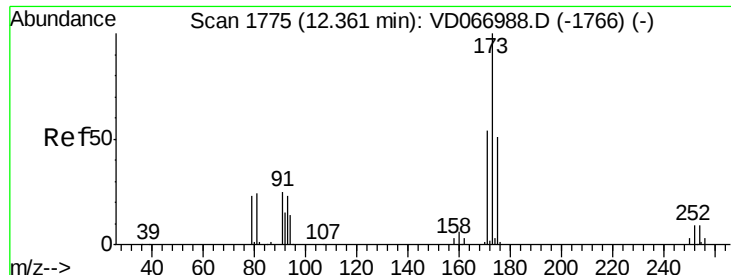
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#70
Styrene
Concen: 22.186 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion:104 Resp: 212743
Ion Ratio Lower Upper
104 100
78 49.6 38.6 58.0
103 54.3 43.4 65.0





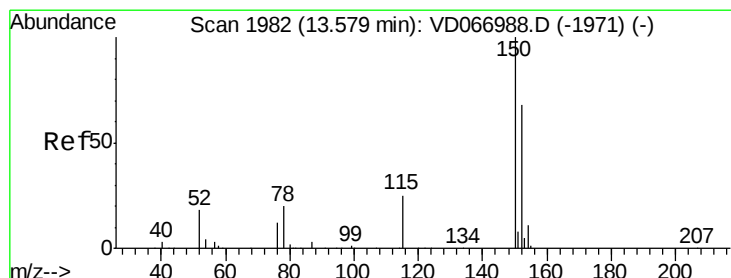
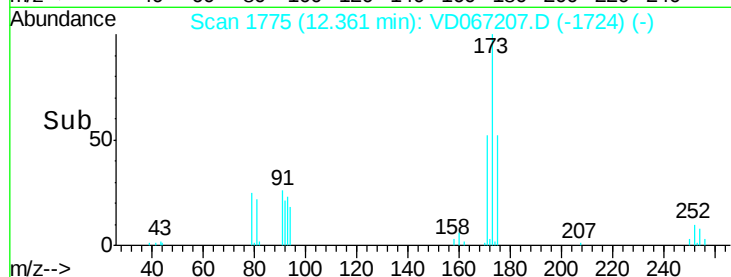
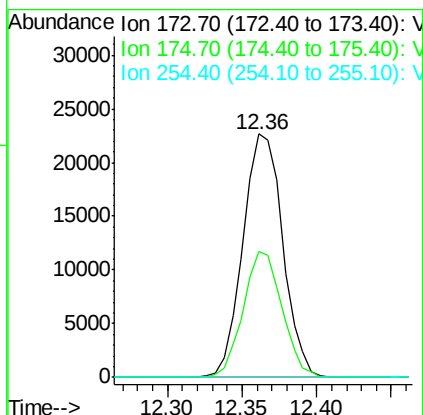
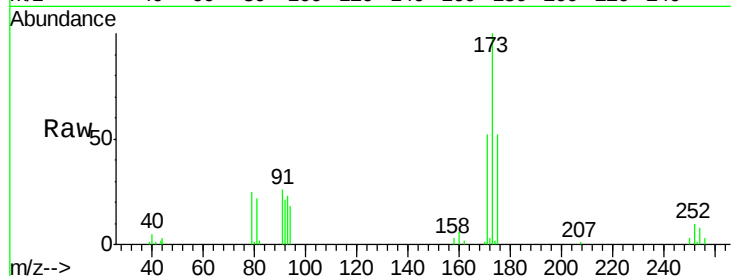
#71
Bromoform
Concen: 22.634 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.9	74.7
254	0.0	0.2	0.4

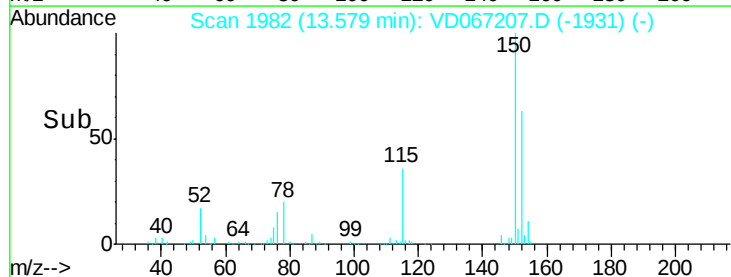
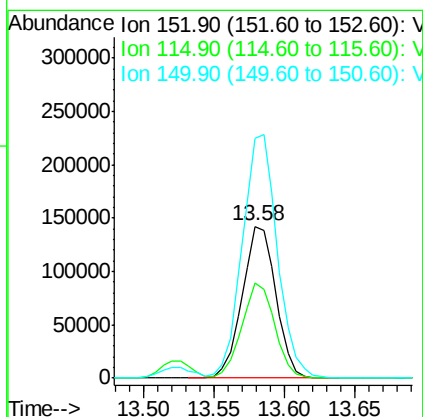
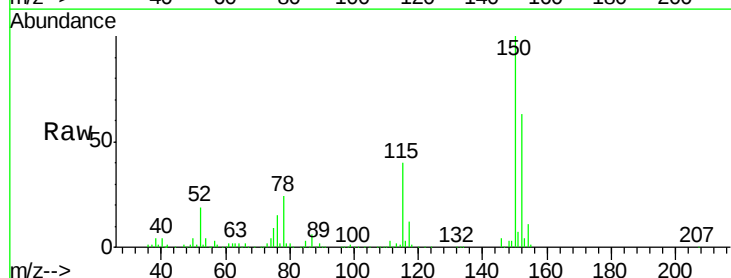
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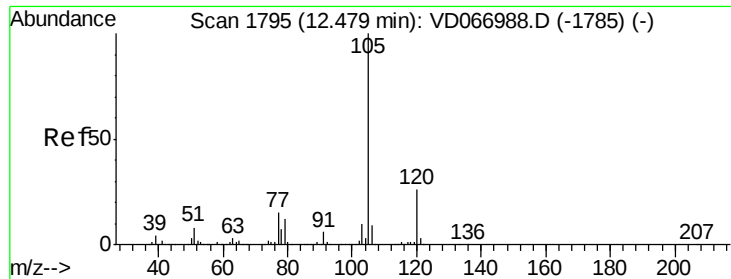
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	29.6	88.8
150	166.9	0.0	344.8





#73

Isopropylbenzene

Concen: 21.450 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion: 105 Resp: 346433

Ion Ratio Lower Upper

105 100

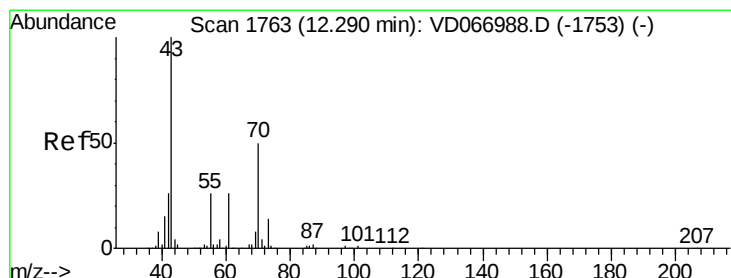
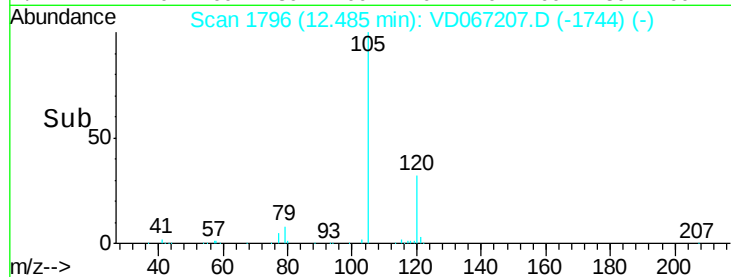
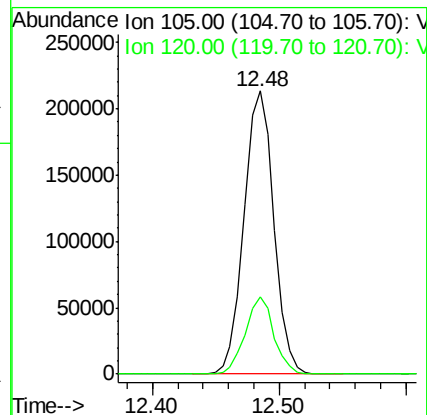
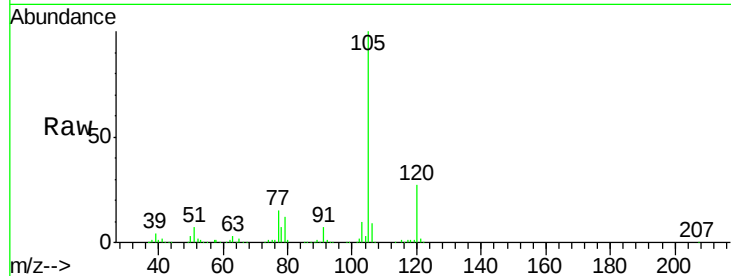
120 26.1 13.3 39.9

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.174 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Tgt Ion: 43 Resp: 52765

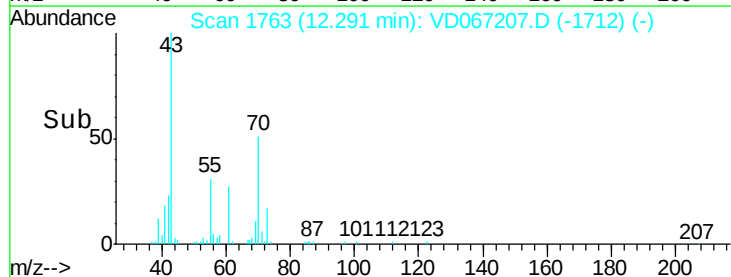
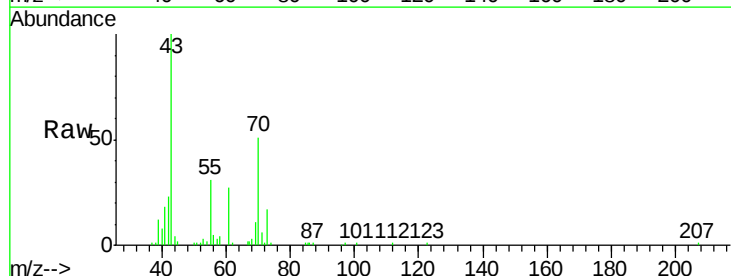
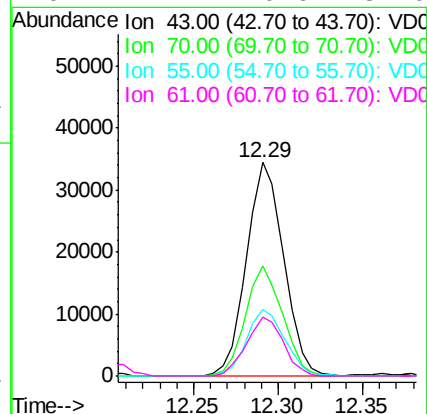
Ion Ratio Lower Upper

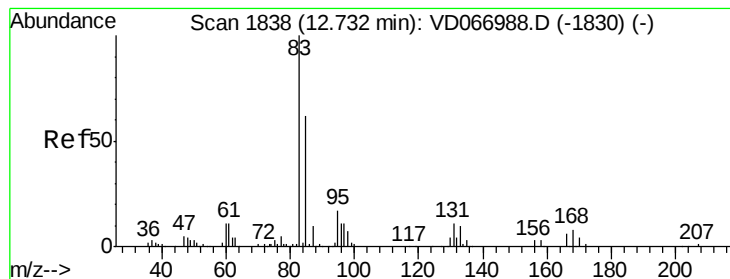
43 100

70 51.2 38.2 57.2

55 32.2 22.4 33.6

61 27.2 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.076 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion: 83 Resp: 54628

Ion Ratio Lower Upper

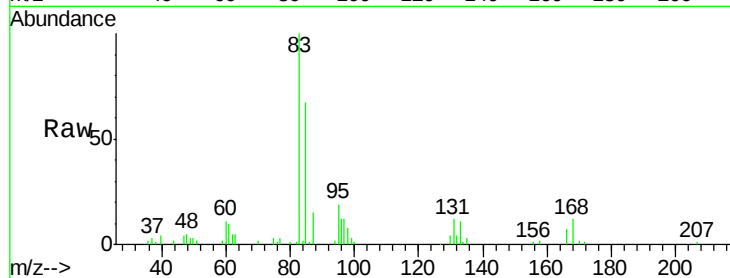
83 100

131 13.1 5.7 17.0

85 65.3 32.0 96.2

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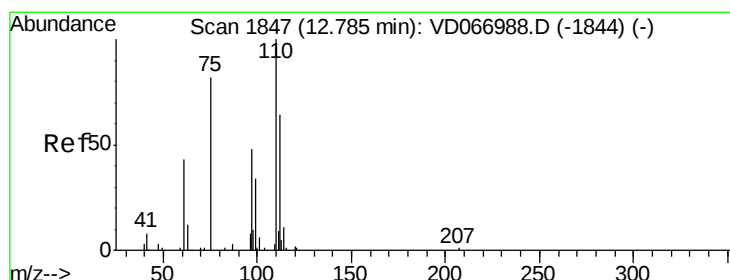
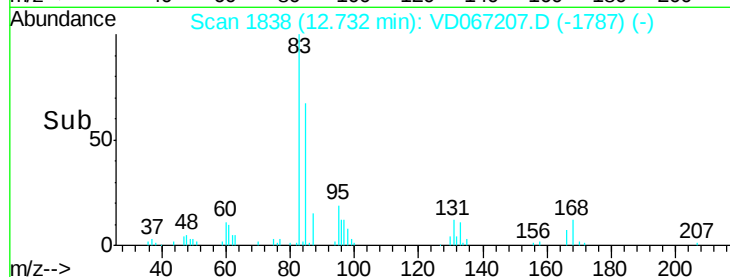
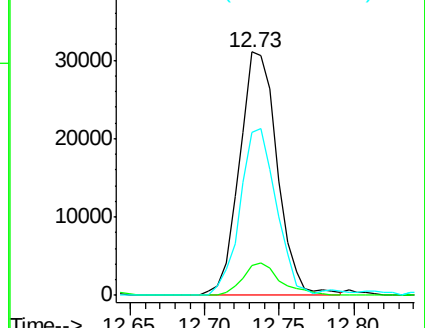
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Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 19.165 ug/l m

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067207.D

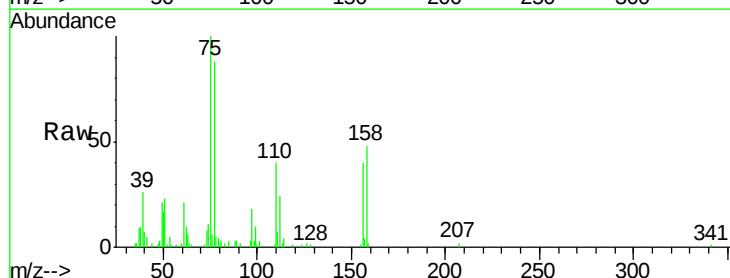
Acq: 09 Oct 2020 13:11

Tgt Ion: 75 Resp: 39706

Ion Ratio Lower Upper

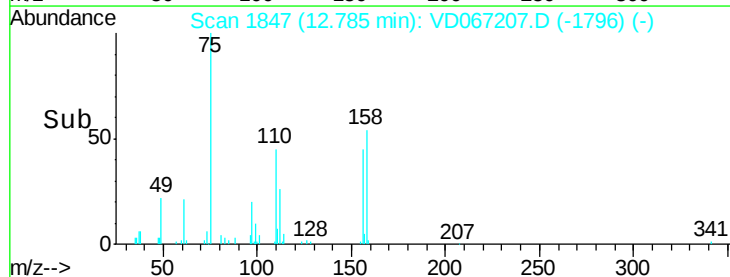
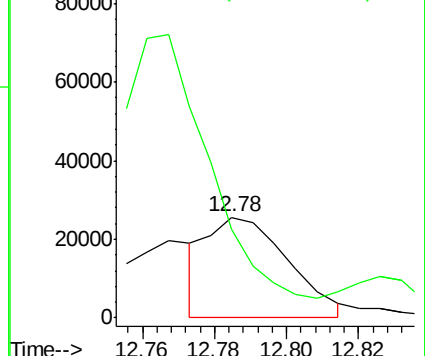
75 100

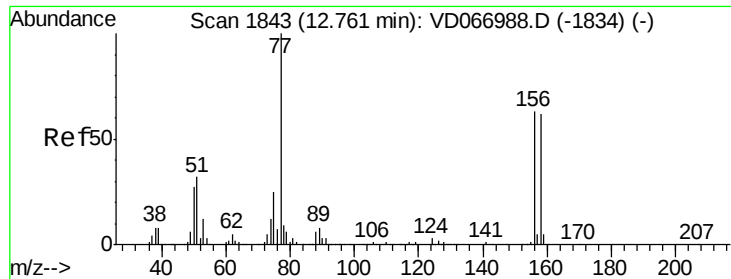
77 344.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.819 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

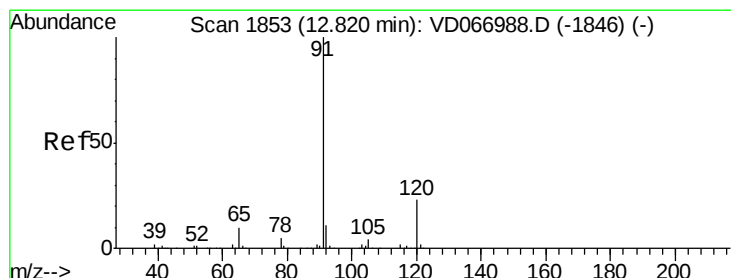
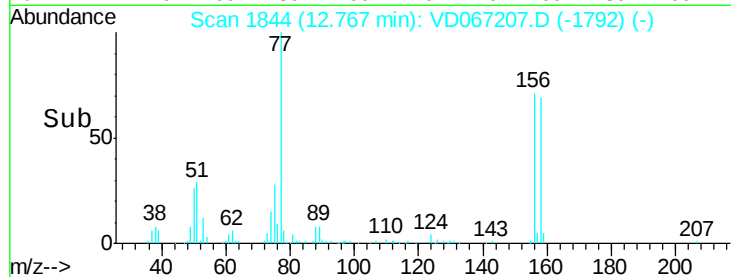
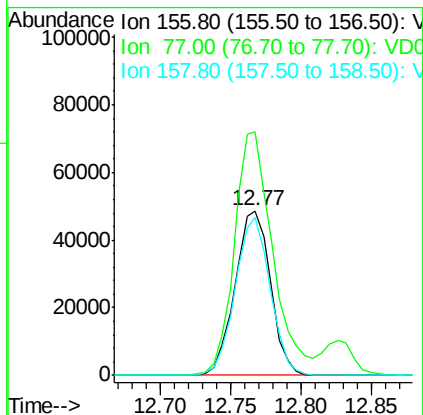
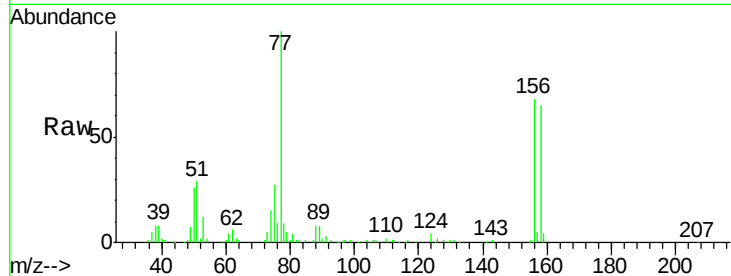
ClientSampleId :

VD1009SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	160.9	86.3	258.8
158	94.8	49.5	148.3

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#78

n-propylbenzene

Concen: 20.834 ug/l

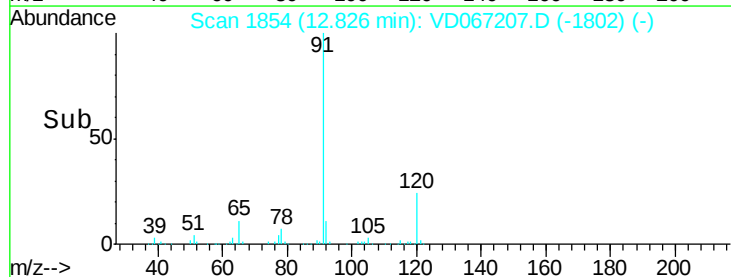
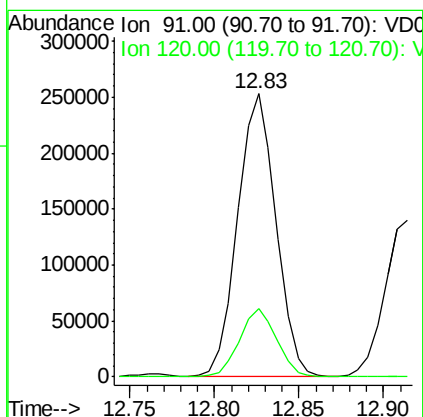
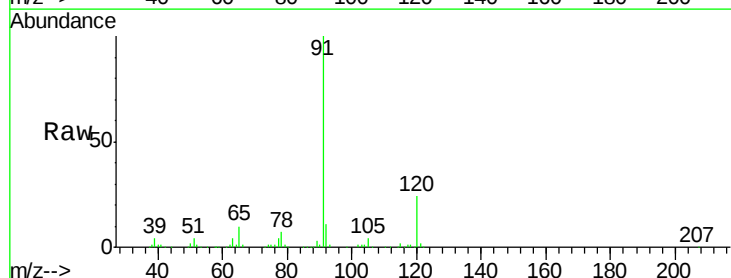
RT: 12.83 min Scan# 1854

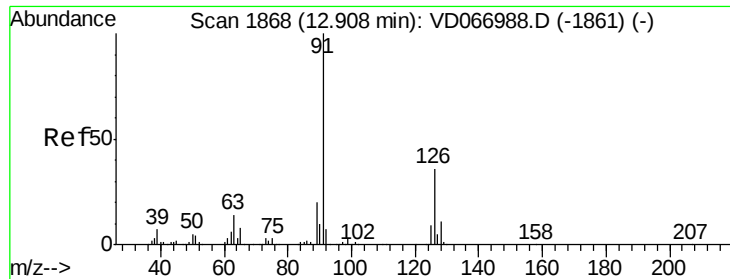
Delta R.T. 0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.6	34.8





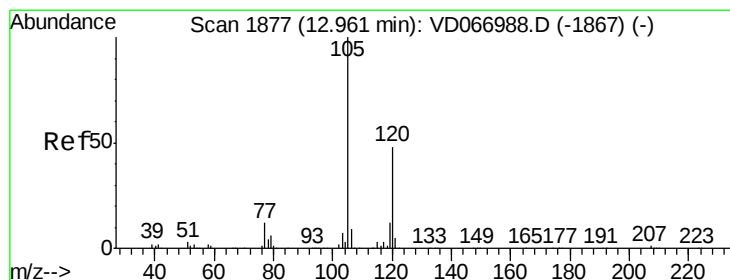
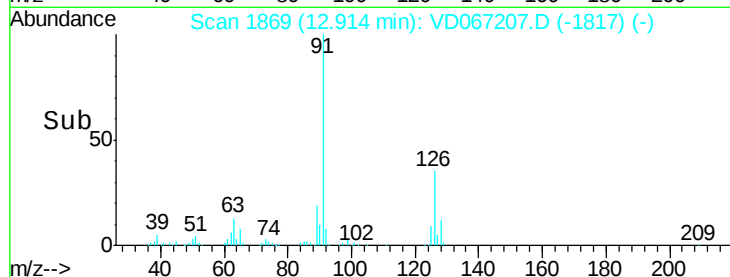
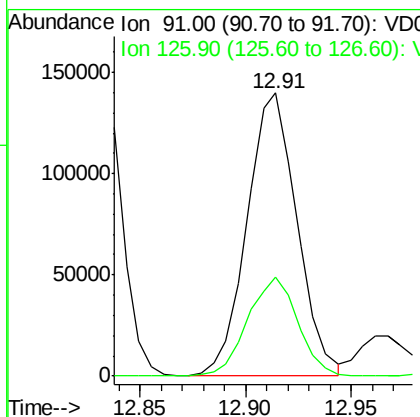
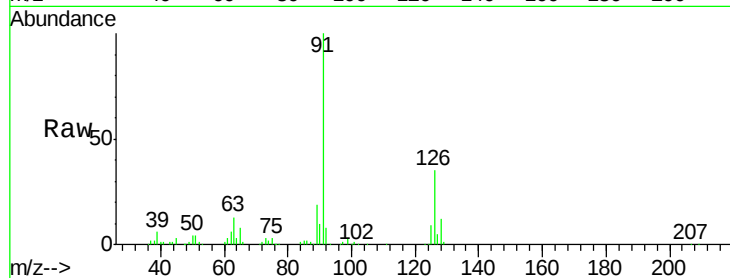
#79
2-Chlorotoluene
Concen: 21.008 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion: 91 Resp: 229421
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.6

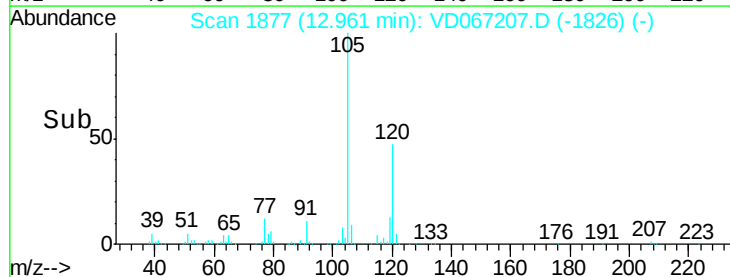
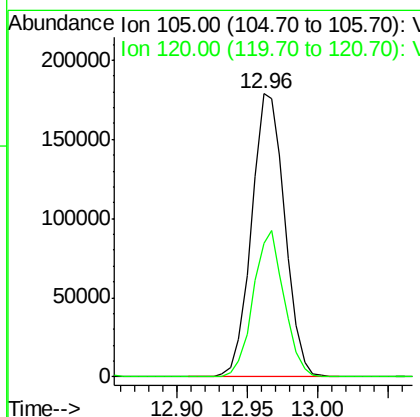
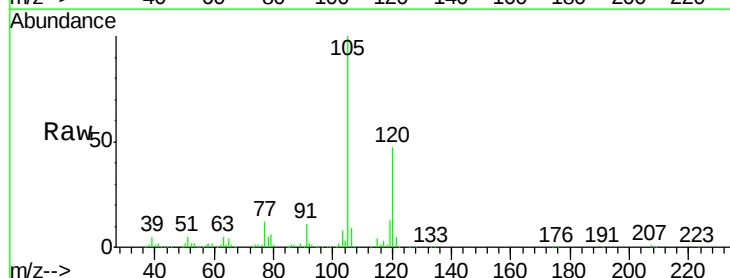
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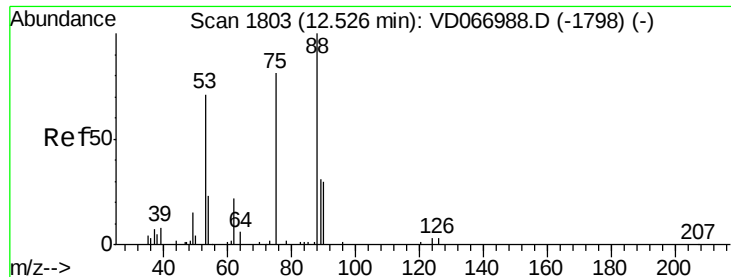
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#80
1,3,5-Trimethylbenzene
Concen: 21.645 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 105 Resp: 295352
Ion Ratio Lower Upper
105 100
120 48.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.411 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

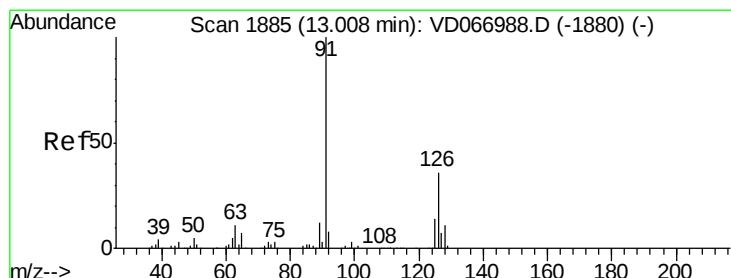
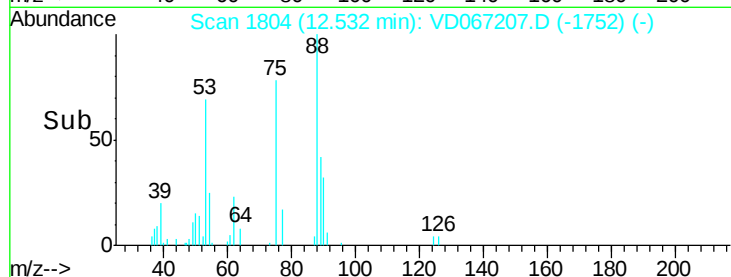
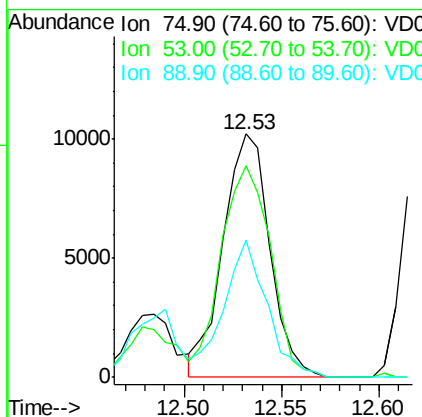
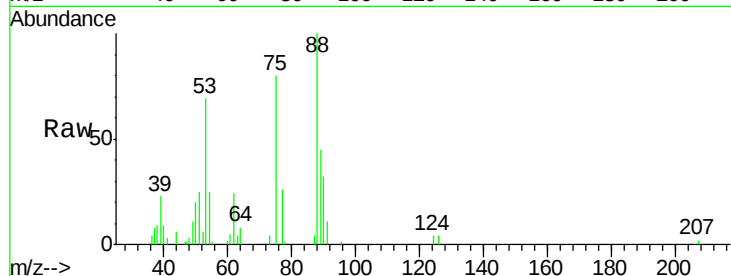
ClientSampleId :

VD1009SBS01

Tot Ion:	75	Resp:	16961
Ion Ratio	Lower	Upper	
75	100		
53	92.2	73.8	110.6
89	52.3	38.9	58.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.162 ug/l

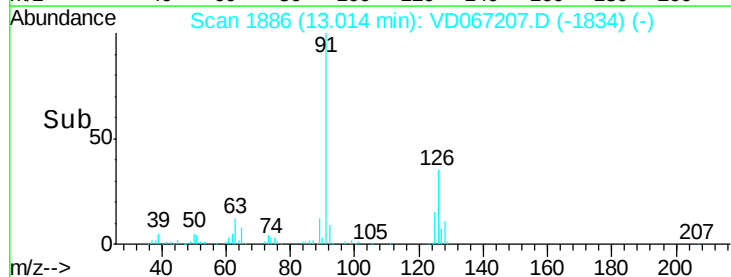
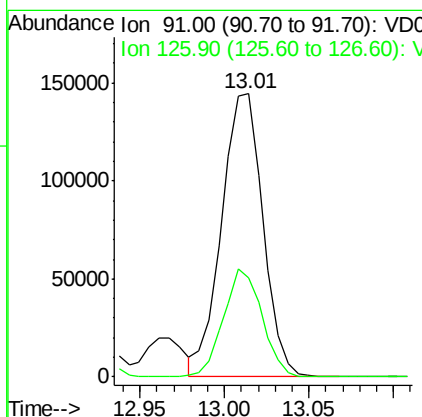
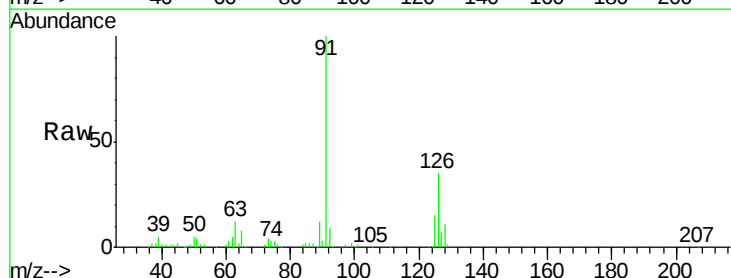
RT: 13.01 min Scan# 1886

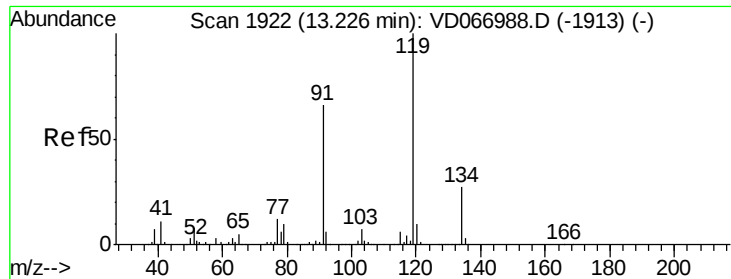
Delta R.T. 0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Tgt Ion:	91	Resp:	245875
Ion Ratio	Lower	Upper	
91	100		
126	35.4	17.5	52.5





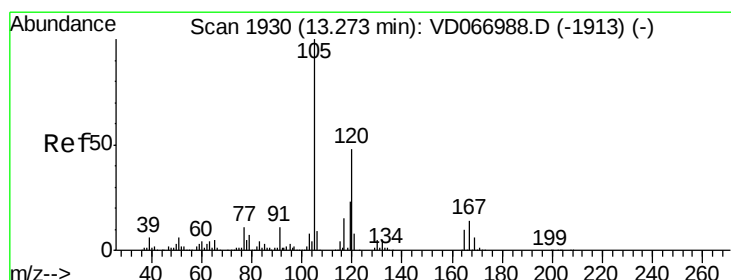
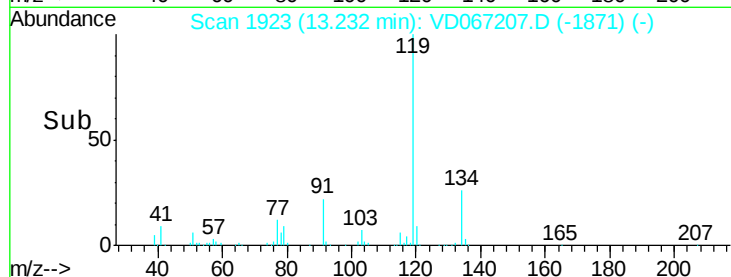
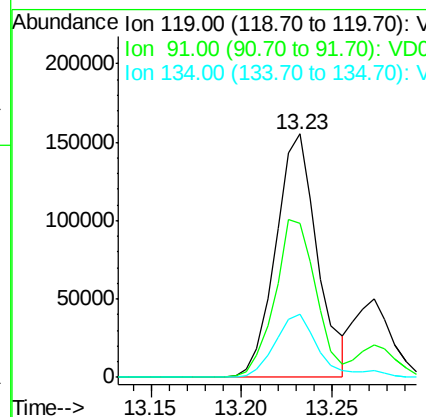
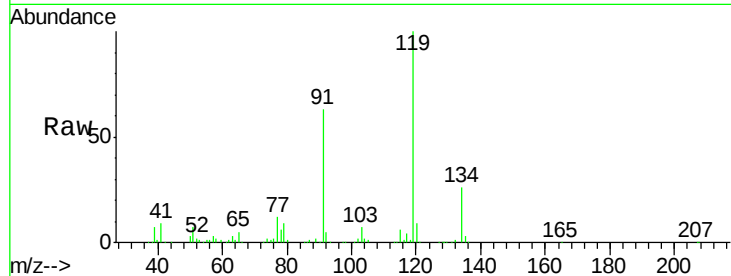
#83
tert-Butylbenzene
Concen: 21.622 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	248452		
91	64.4	32.8	98.3	
134	28.1	13.9	41.7	

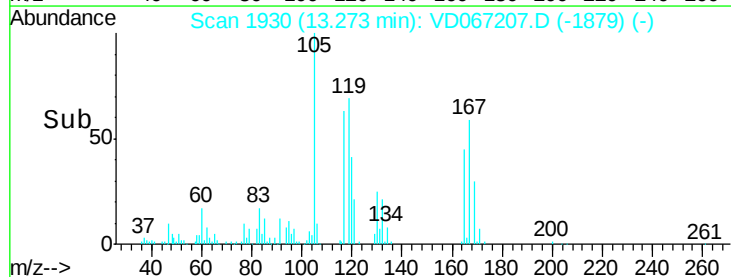
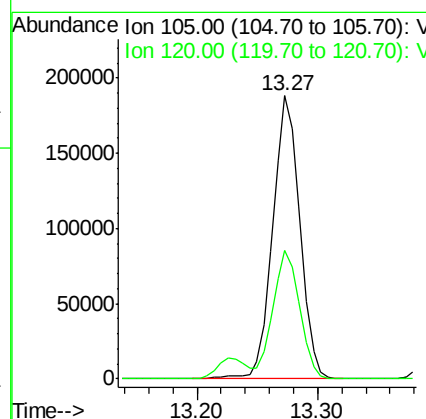
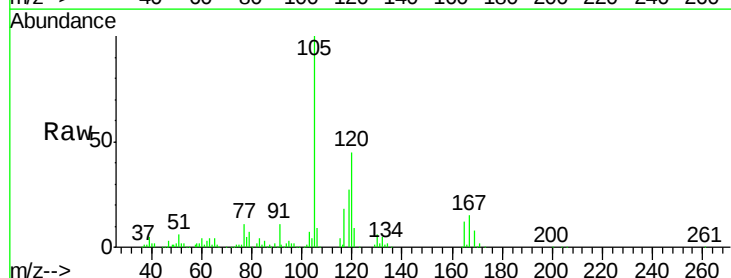
Manual Integrations
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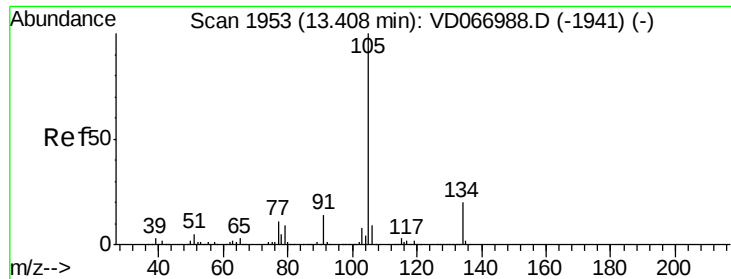
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#84
1,2,4-Trimethylbenzene
Concen: 21.553 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	293500		
120	44.5	23.3	69.8	





#85

sec-Butylbenzene

Concen: 20.740 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion:105 Resp: 335599

Ion Ratio Lower Upper

105 100

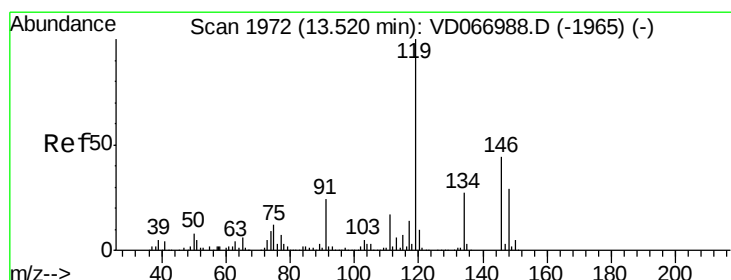
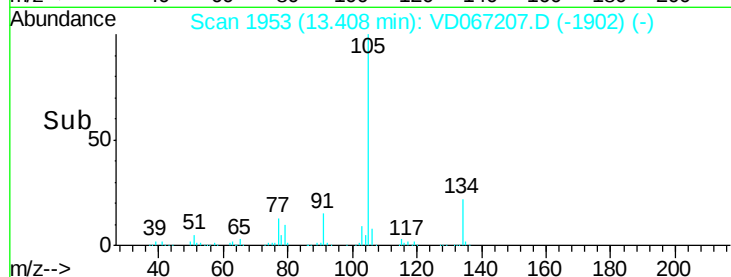
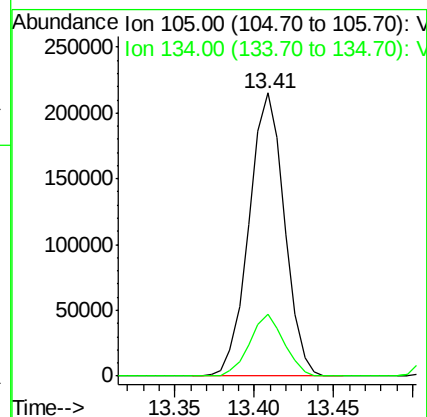
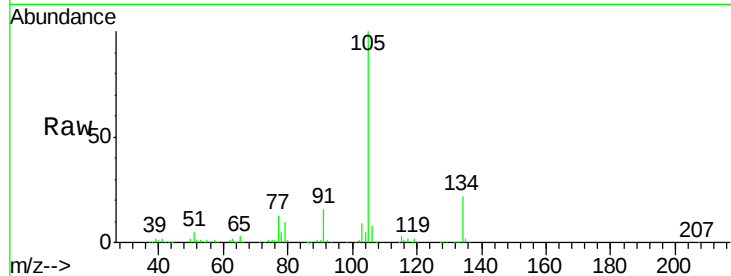
134 21.2 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 21.526 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

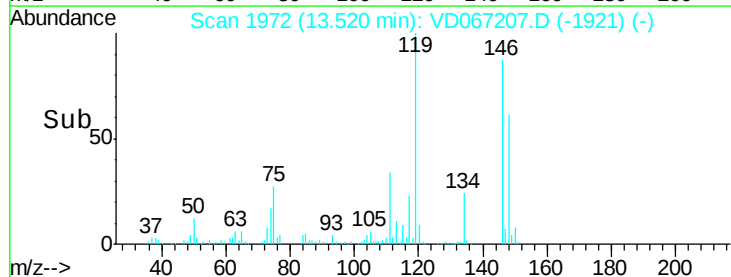
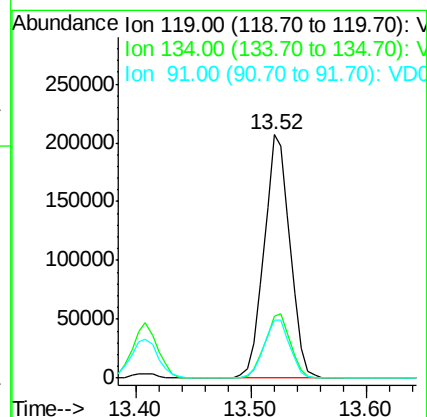
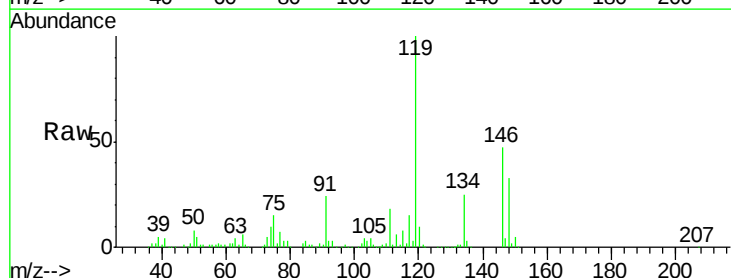
Tgt Ion:119 Resp: 322939

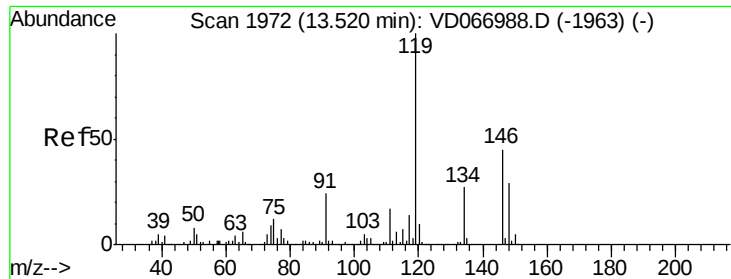
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 24.1 11.7 35.1





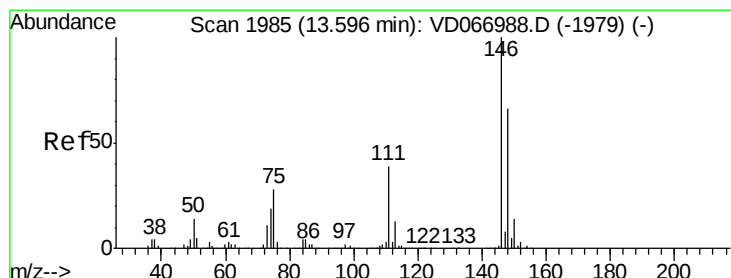
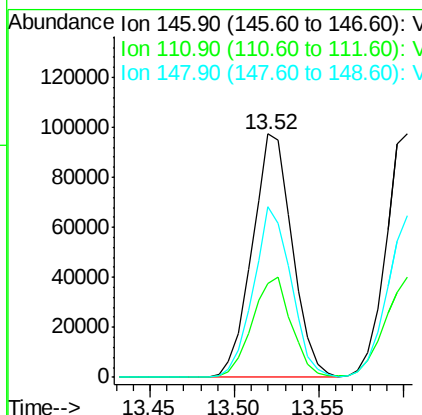
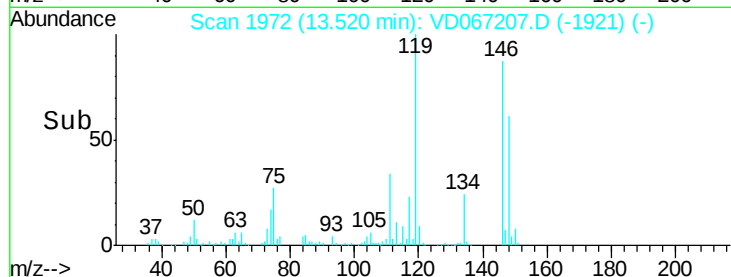
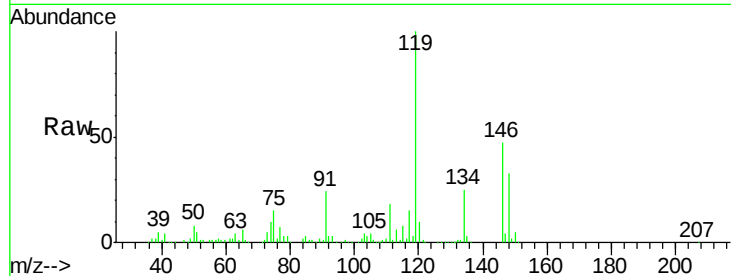
#87
 1,3-Dichlorobenzene
 Concen: 21.104 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	160305		
111	40.8	20.0	60.0	
148	65.9	31.9	95.9	

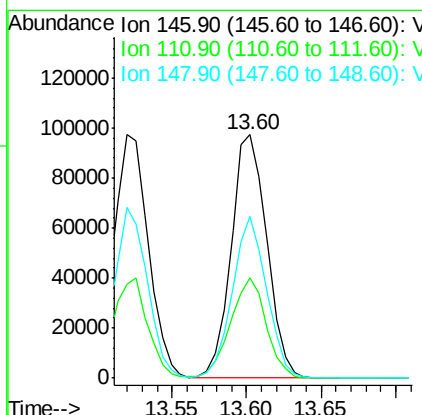
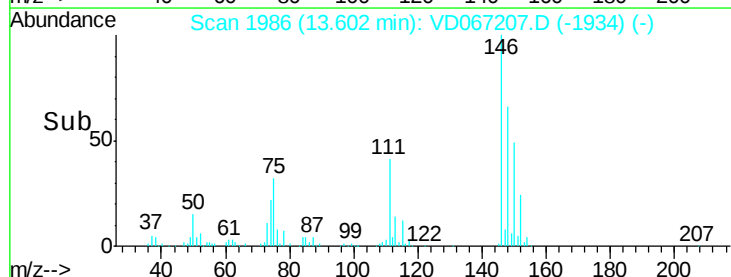
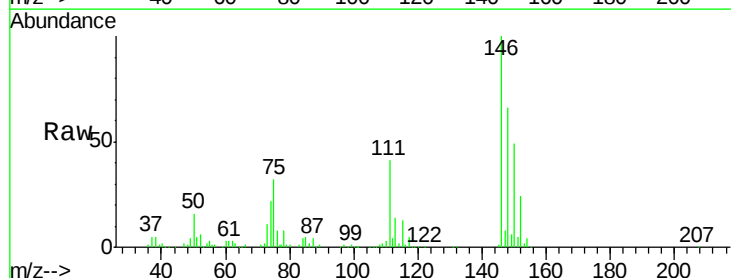
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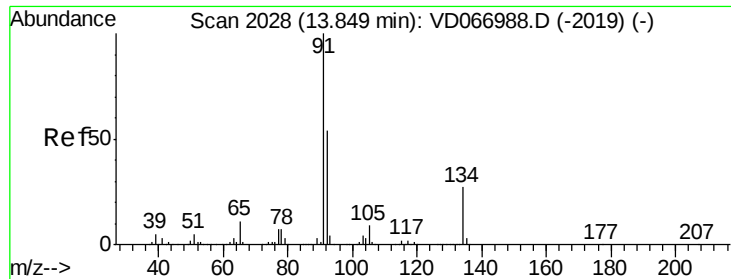
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#88
 1,4-Dichlorobenzene
 Concen: 21.336 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	162050		
111	41.3	19.6	58.7	
148	63.5	32.6	97.7	





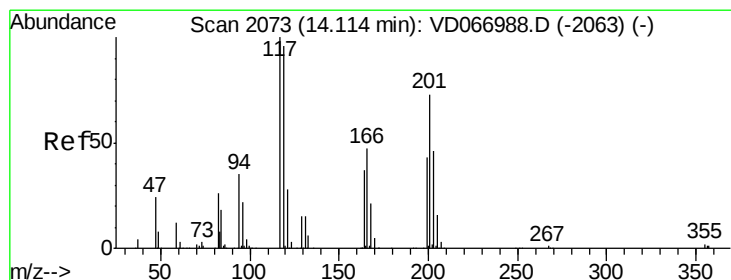
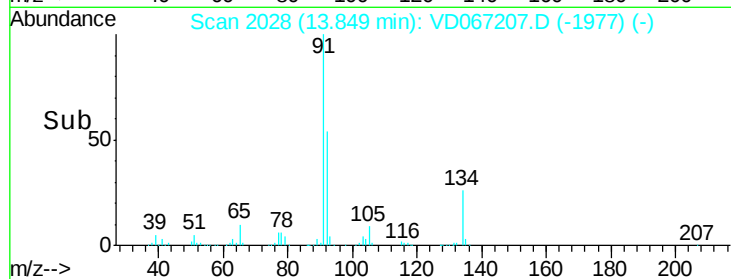
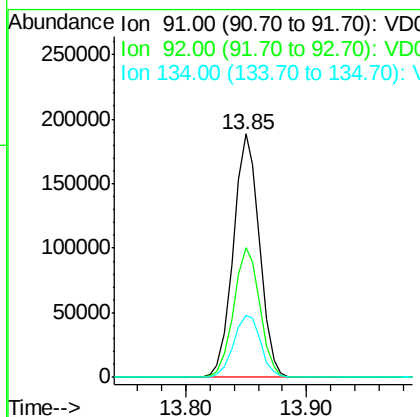
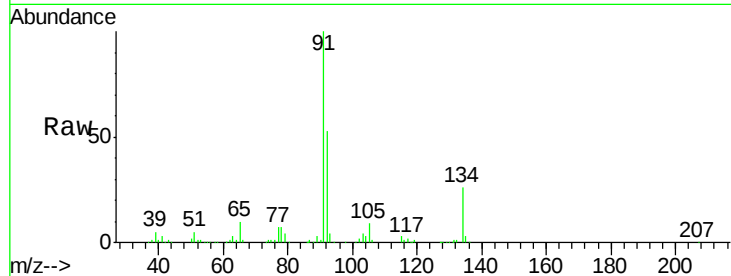
#89
n-Butylbenzene
Concen: 20.663 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	283301		
92	53.1		27.1	81.2
134	26.5		13.6	40.8

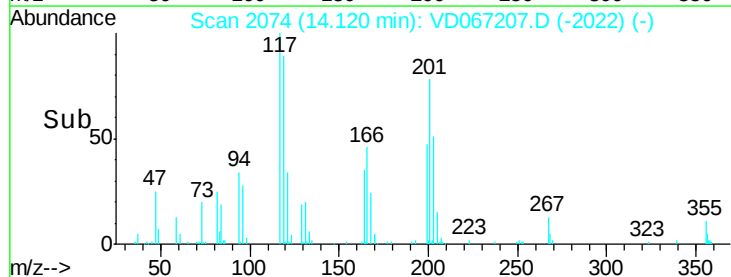
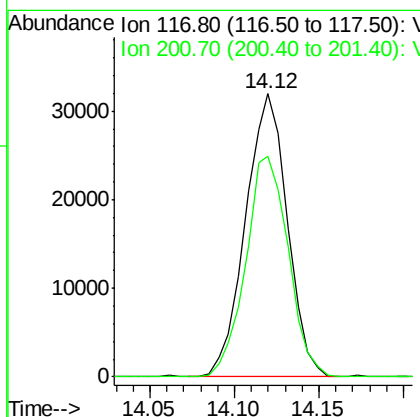
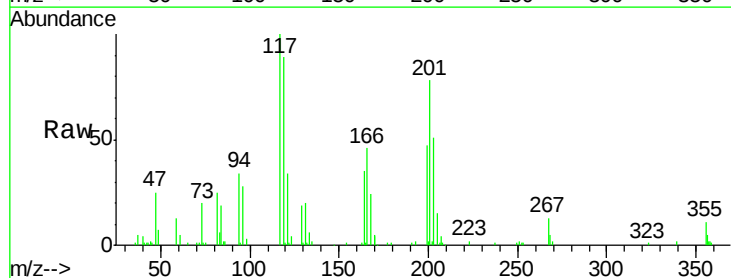
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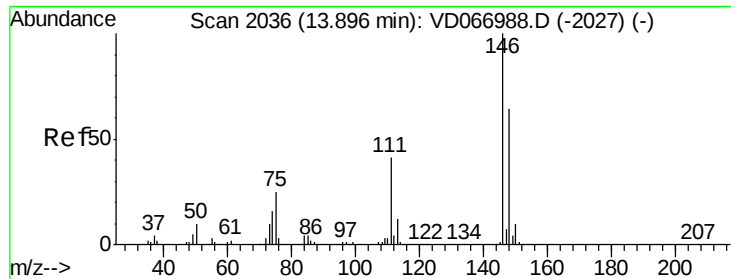
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#90
Hexachloroethane
Concen: 20.882 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	54876		
201	79.5		37.0	110.9





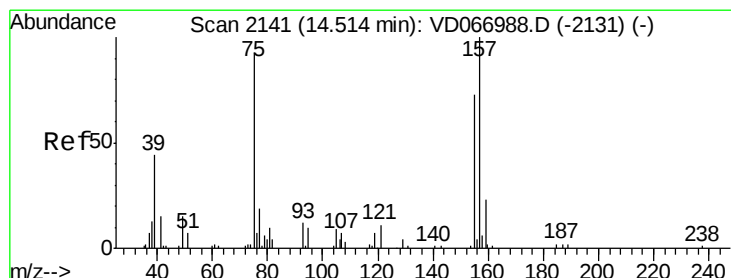
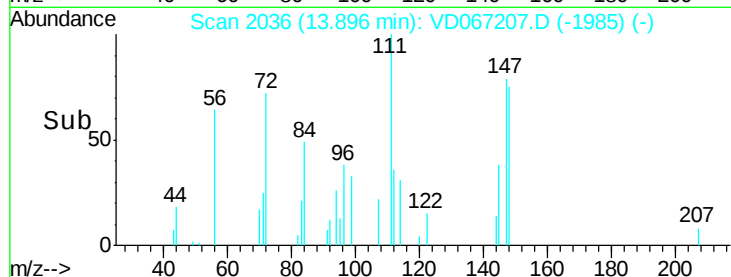
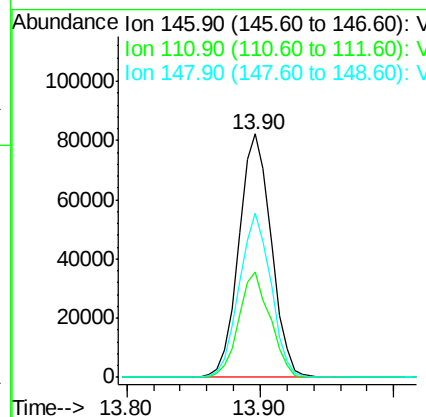
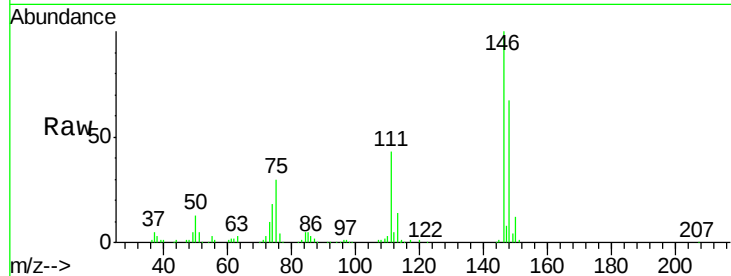
#91
 1,2-Dichlorobenzene
 Concen: 20.816 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	138089		
111	41.9		20.9	62.7
148	66.0		32.3	96.9

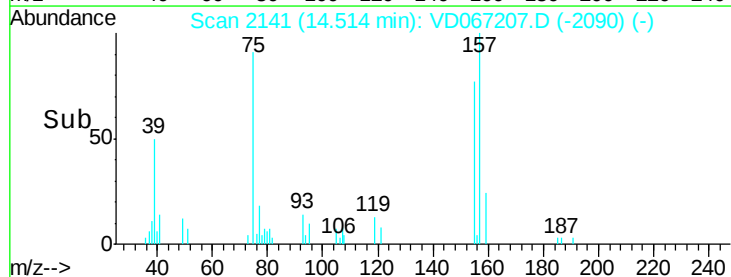
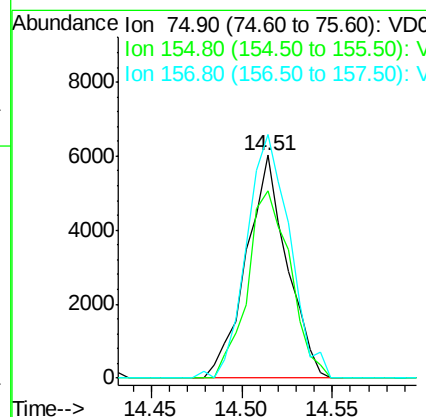
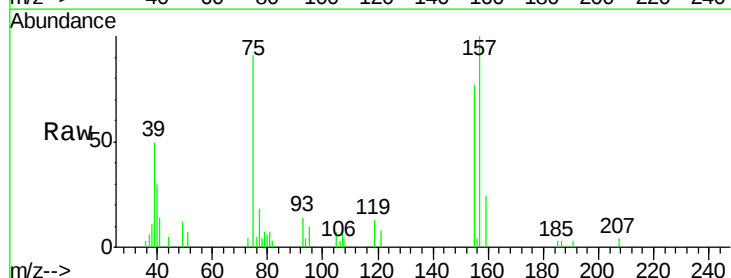
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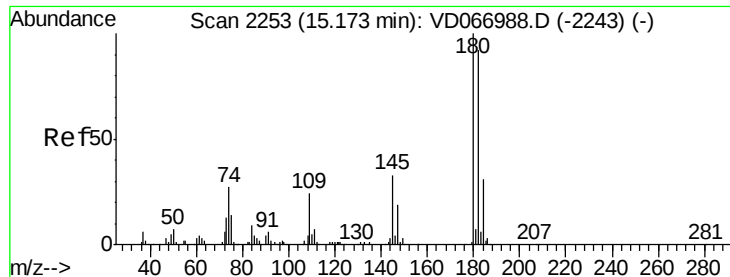
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.416 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	9394		
155	88.5		45.2	135.6
157	115.9		56.3	168.8





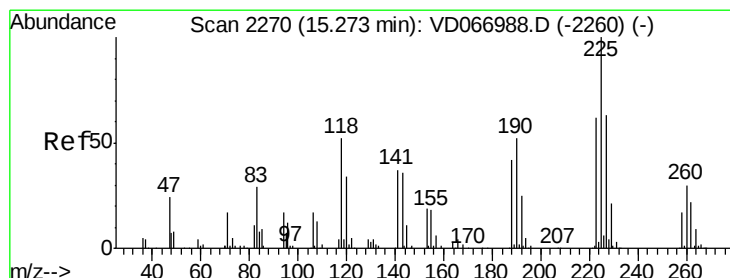
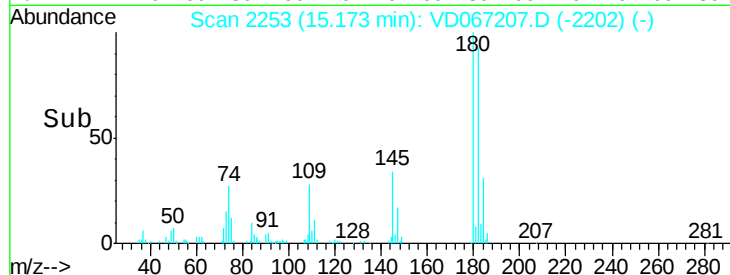
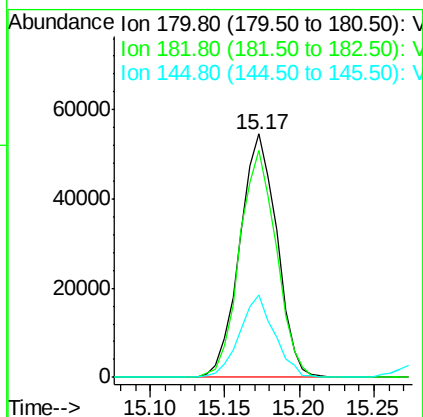
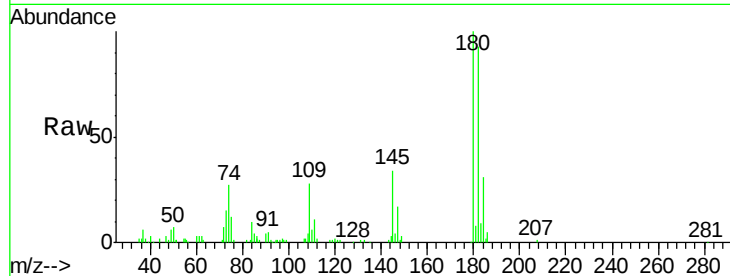
#93
 1,2,4-Trichlorobenzene
 Concen: 21.910 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.3	142.0
145	31.9	16.4	49.1

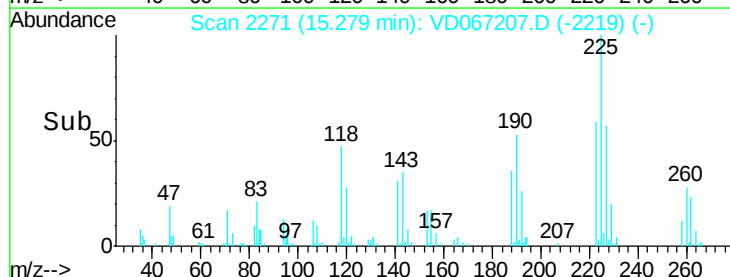
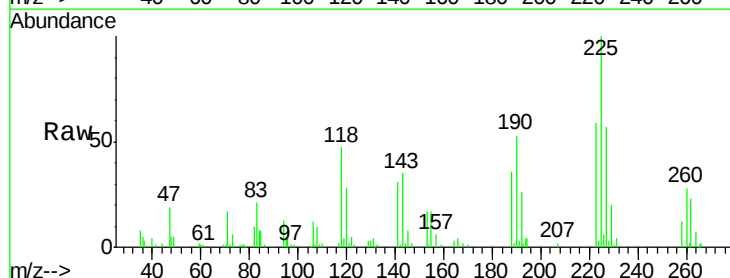
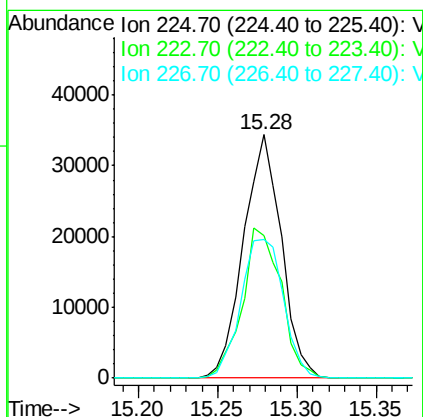
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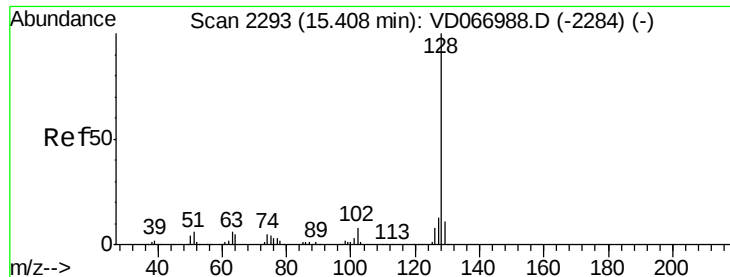
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#94
 Hexachlorobutadiene
 Concen: 21.685 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.4	97.0
227	64.2	31.6	95.0





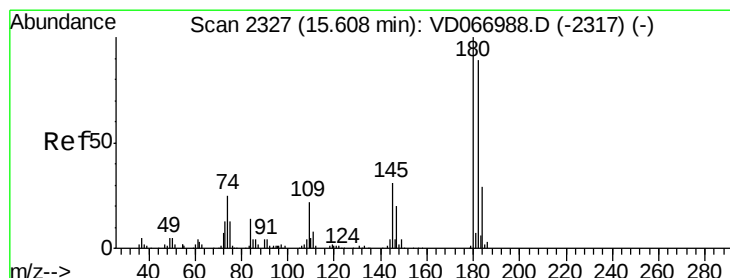
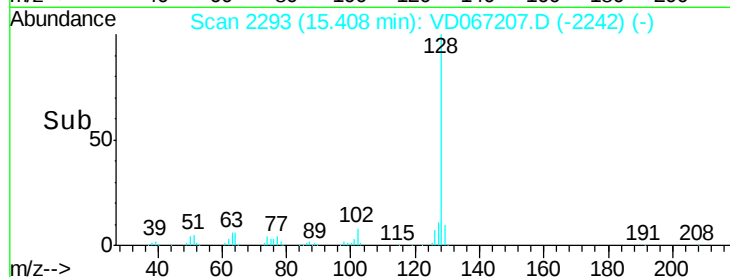
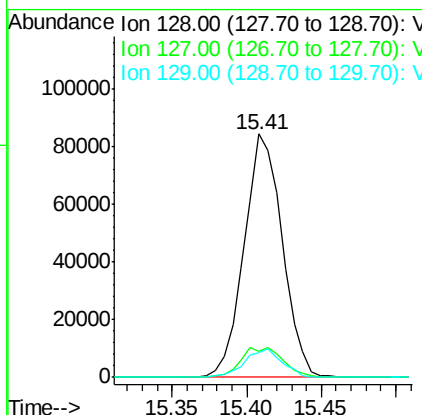
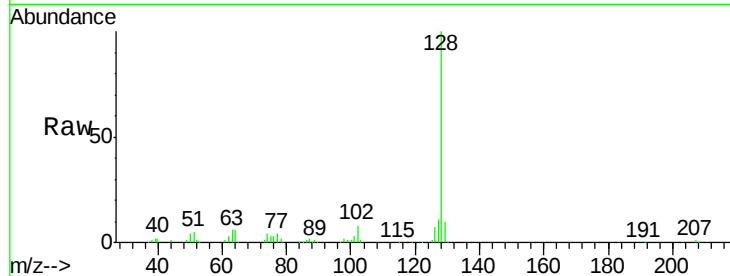
#95
Naphthalene
Concen: 20.901 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	11.5	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 22.298 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	46.4	139.1
145	33.4	16.6	49.7

