

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067206.D
 Acq On : 09 Oct 2020 12:44
 Operator : VA/SY
 Sample : VD1009SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Manual Integrations
 APPROVED

apatel
 10/12/2020 10:42:27 AM

Quant Time: Oct 10 00:27:11 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	349766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	530008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	492260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	250160	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	165996	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	7.91	113	176238	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	10.34	98	641200	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.64	95	230618	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	75186	24.138	ug/l	98
3) Chloromethane	2.21	50	52239	18.754	ug/l	89
4) Vinyl Chloride	2.35	62	53398	19.119	ug/l	97
5) Bromomethane	2.76	94	40301	19.767	ug/l	95
6) Chloroethane	2.92	64	32133	18.892	ug/l	100
7) Trichlorofluoromethane	3.27	101	133605	21.531	ug/l	100
8) Diethyl Ether	3.71	74	29164	18.953	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.10	101	70664	20.147	ug/l	97
10) Methyl Iodide	4.30	142	59401	17.430	ug/l	96
11) Tert butyl alcohol	5.22	59	26280	104.903	ug/l #	88
12) 1,1-Dichloroethene	4.07	96	63390	19.226	ug/l	92
13) Acrolein	3.92	56	15677	69.496	ug/l	99
14) Allyl chloride	4.71	41	70394	16.435	ug/l	88
15) Acrylonitrile	5.41	53	49675	87.712	ug/l	96
16) Acetone	4.16	43	49789	96.815	ug/l	100
17) Carbon Disulfide	4.41	76	181816	17.968	ug/l	99
18) Methyl Acetate	4.72	43	22431	17.354	ug/l #	89
19) Methyl tert-butyl Ether	5.47	73	119055	19.780	ug/l	99
20) Methylene Chloride	4.96	84	81957	17.768	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	73426	19.568	ug/l	94
22) Diisopropyl ether	6.36	45	141878	18.144	ug/l	97
23) Vinyl Acetate	6.30	43	378344	85.382	ug/l	98
24) 1,1-Dichloroethane	6.26	63	112874	18.704	ug/l	98
25) 2-Butanone	7.21	43	60745	83.313	ug/l	96
26) 2,2-Dichloropropane	7.21	77	116259	20.059	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	78114	19.492	ug/l	99
28) Bromochloromethane	7.54	49	37681	16.168	ug/l	87
29) Tetrahydrofuran	7.57	42	32724	78.056	ug/l	89
30) Chloroform	7.71	83	135340	20.673	ug/l	96
31) Cyclohexane	7.98	56	88855	17.562	ug/l #	88
32) 1,1,1-Trichloroethane	7.90	97	132753	21.881	ug/l	96
36) 1,1-Dichloropropene	8.11	75	97981	19.833	ug/l	95
37) Ethyl Acetate	7.29	43	31633	18.483	ug/l	98
38) Carbon Tetrachloride	8.10	117	122482	22.914	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	102808	19.683	ug/l	95
40) Benzene	8.35	78	270139	19.687	ug/l	97
41) Methacrylonitrile	7.52	41	15298	16.546	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	80804	21.074	ug/l	96
43) Isopropyl Acetate	8.46	43	55521	17.610	ug/l	94
44) Trichloroethene	9.11	130	88148	21.513	ug/l	98
45) 1,2-Dichloropropane	9.39	63	61652	19.122	ug/l	98
46) Dibromomethane	9.48	93	36201	19.536	ug/l	90
47) Bromodichloromethane	9.66	83	101748	21.123	ug/l	94
48) Methyl methacrylate	9.46	41	27158	16.814	ug/l #	77
49) 1,4-Dioxane	9.47	88	7408	383.039	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	140444	89.431	ug/l	99
52) Toluene	10.40	92	191745	21.692	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	89571	20.806	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	104139	19.810	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	54297	21.075	ug/l	93
56) Ethyl methacrylate	10.65	69	54227	20.387	ug/l	93
57) 1,3-Dichloropropane	10.95	76	84008	20.108	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	133813	90.387	ug/l	94
59) 2-Hexanone	10.98	43	95098	90.728	ug/l	97
60) Dibromochloromethane	11.14	129	74780	21.778	ug/l	96
61) 1,2-Dibromoethane	11.25	107	51498	20.806	ug/l	97
64) Tetrachloroethene	10.88	164	78024	21.802	ug/l	88
65) Chlorobenzene	11.67	112	207089	21.152	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	83060	22.303	ug/l	95
67) Ethyl Benzene	11.75	91	359701	21.443	ug/l	99
68) m/p-Xylenes	11.85	106	278148	42.547	ug/l	96
69) o-Xylene	12.18	106	123759	21.170	ug/l	92
70) Styrene	12.20	104	220612	21.976	ug/l	98
71) Bromoform	12.36	173	43638	22.574	ug/l #	93
73) Isopropylbenzene	12.48	105	352264	20.738	ug/l	99
74) N-amyl acetate	12.29	43	51140	16.748	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.73	83	49919	17.442	ug/l	94
76) 1,2,3-Trichloropropane	12.78	75	37756m	17.327	ug/l	
77) Bromobenzene	12.77	156	87913	21.434	ug/l	90
78) n-propylbenzene	12.83	91	417751	20.810	ug/l	98
79) 2-Chlorotoluene	12.91	91	234660	20.431	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	306667	21.369	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	15781	18.056	ug/l	97
82) 4-Chlorotoluene	13.01	91	253706	20.761	ug/l	98
83) tert-Butylbenzene	13.23	119	256413	21.217	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	305165	21.307	ug/l	100
85) sec-Butylbenzene	13.41	105	354968	20.857	ug/l	100
86) p-Isopropyltoluene	13.52	119	332398	21.066	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	166040	20.783	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	163894	20.517	ug/l	99
89) n-Butylbenzene	13.85	91	296717	20.576	ug/l	98
90) Hexachloroethane	14.12	117	58467	21.154	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	143364	20.548	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8321	18.037	ug/l	92

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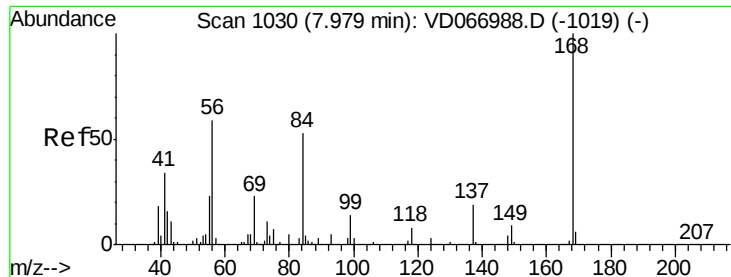
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	96286	21.335	ug/l	99
94) Hexachlorobutadiene	15.28	225	60615	21.870	ug/l	99
95) Naphthalene	15.41	128	148525	19.731	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	82675	21.103	ug/l	97

(#) = 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: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion:168 Resp: 349766

Ion Ratio Lower Upper

168 100

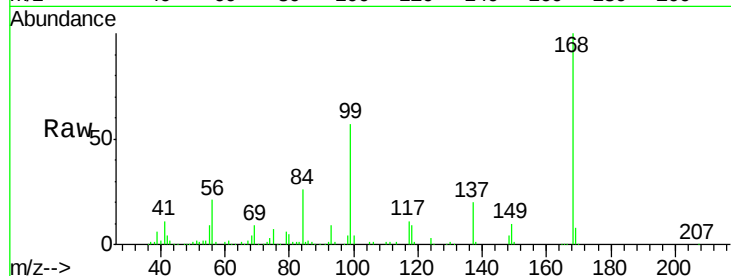
99 57.1 44.1 66.1

Manual Integrations

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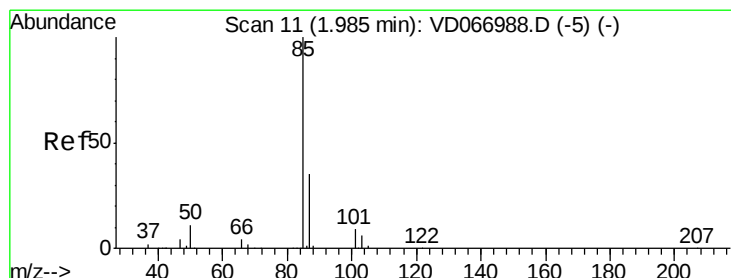
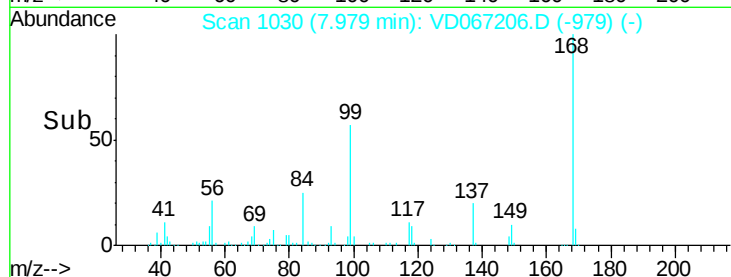
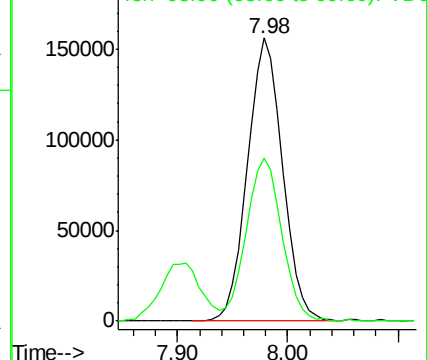
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 24.138 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD067206.D

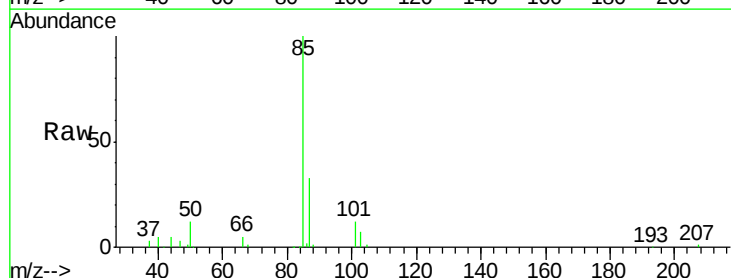
Acq: 09 Oct 2020 12:44

Tgt Ion: 85 Resp: 75186

Ion Ratio Lower Upper

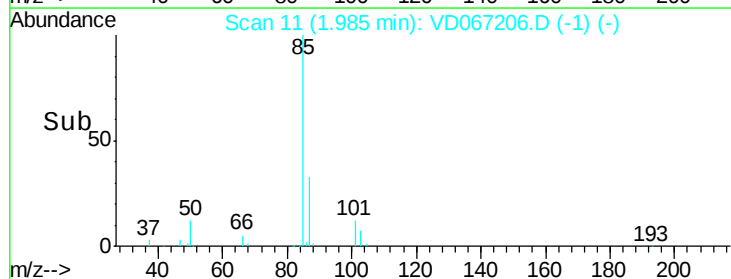
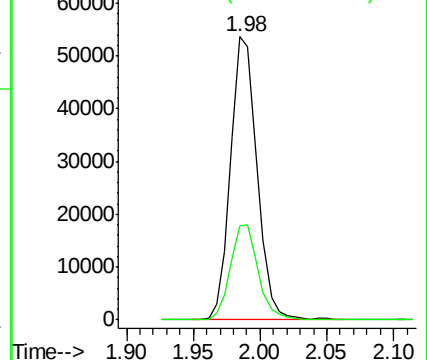
85 100

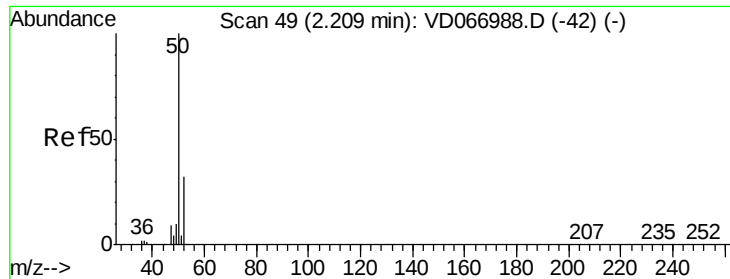
87 33.3 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.754 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion: 50 Resp: 52239

Ion Ratio Lower Upper

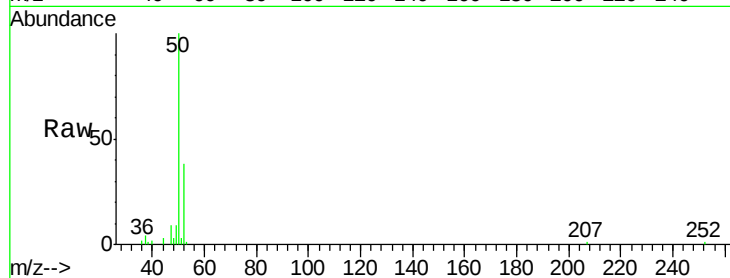
50 100

52 37.6 25.3 37.9

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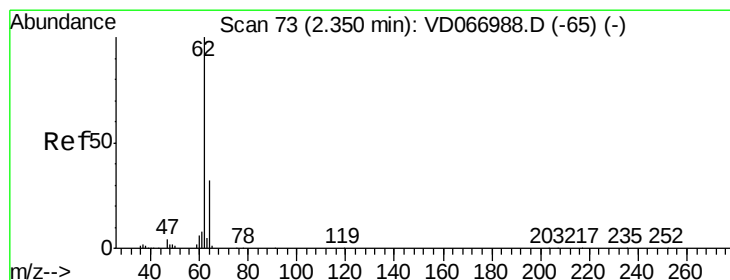
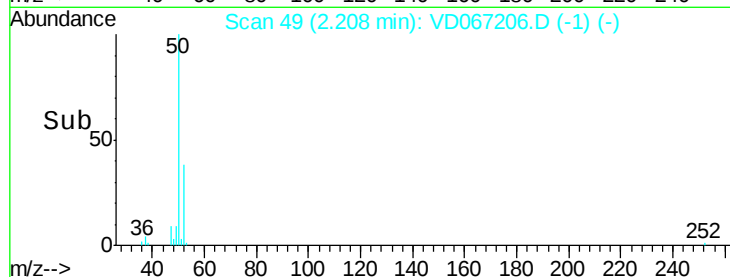
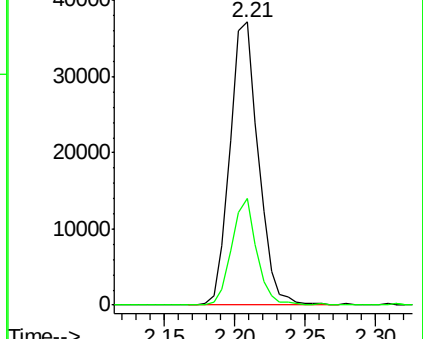
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.119 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067206.D

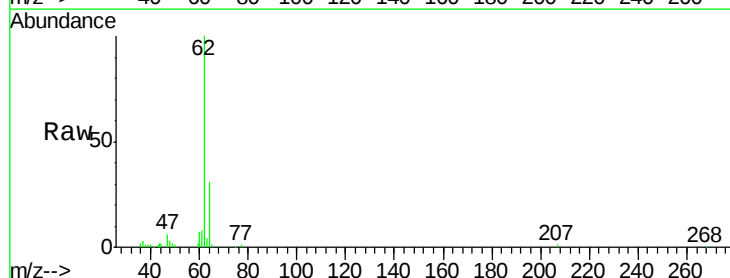
Acq: 09 Oct 2020 12:44

Tgt Ion: 62 Resp: 53398

Ion Ratio Lower Upper

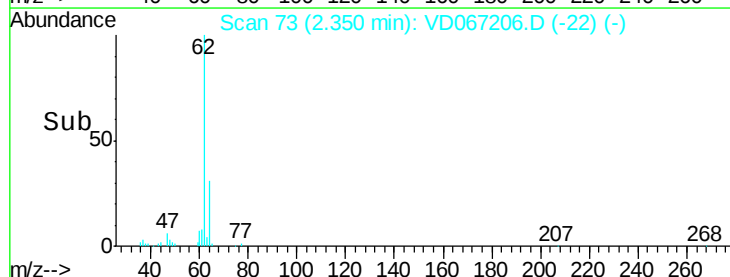
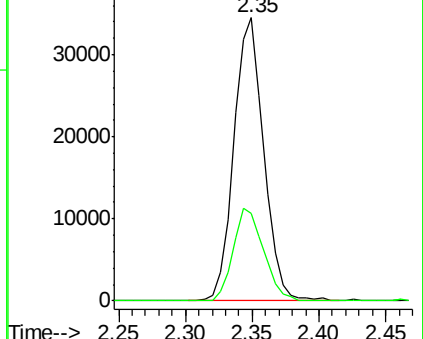
62 100

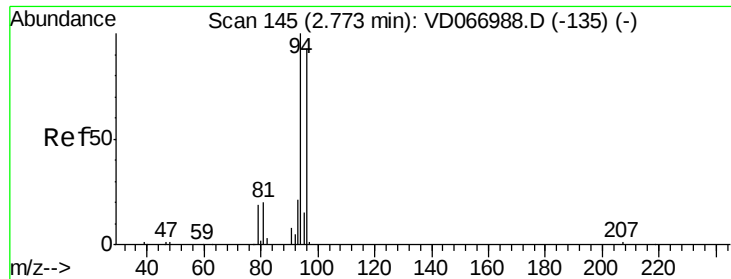
64 30.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.767 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion: 94 Resp: 40301

Ion Ratio Lower Upper

94 100

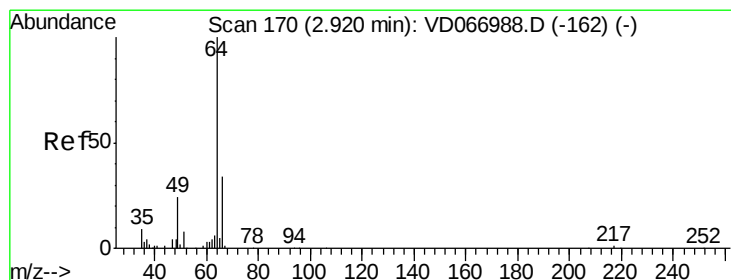
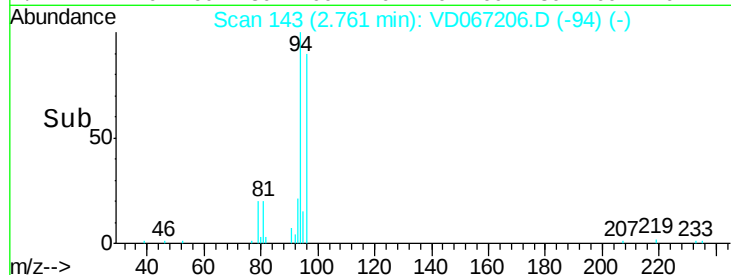
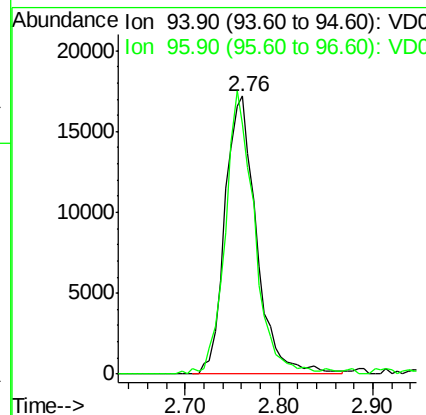
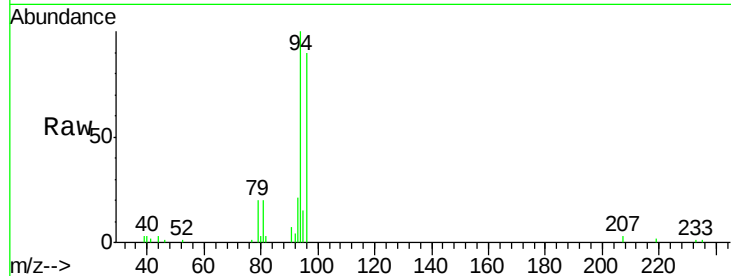
96 88.7 74.6 112.0

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#6

Chloroethane

Concen: 18.892 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD067206.D

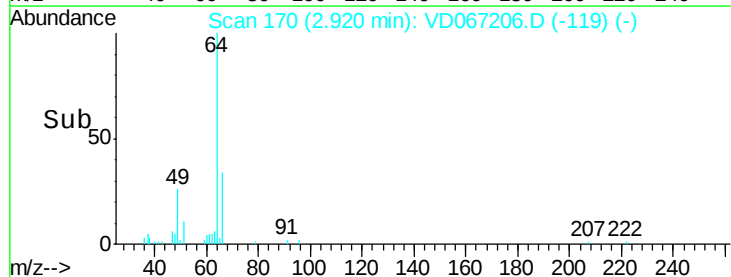
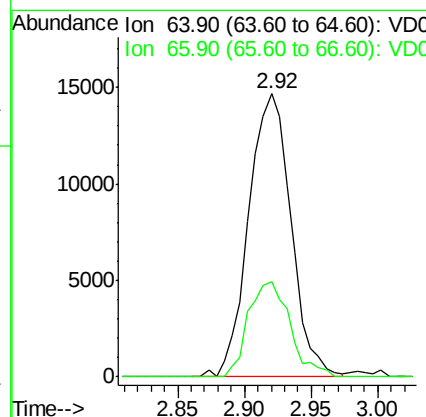
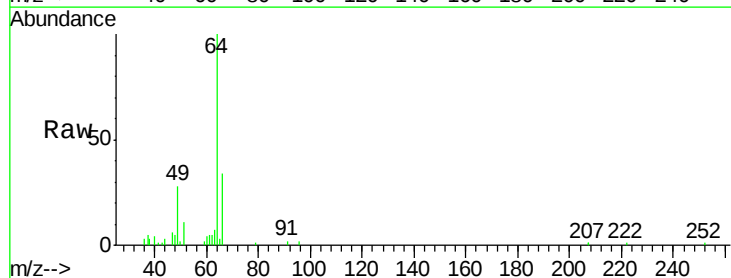
Acq: 09 Oct 2020 12:44

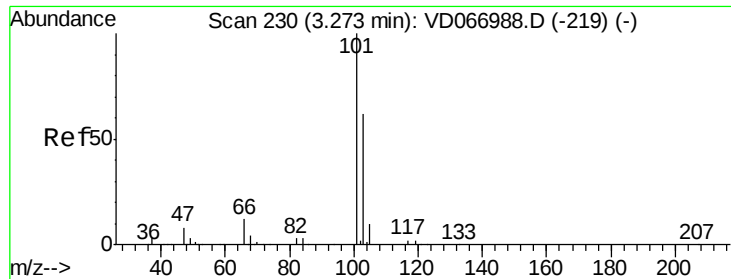
Tgt Ion: 64 Resp: 32133

Ion Ratio Lower Upper

64 100

66 33.8 27.0 40.6





#7

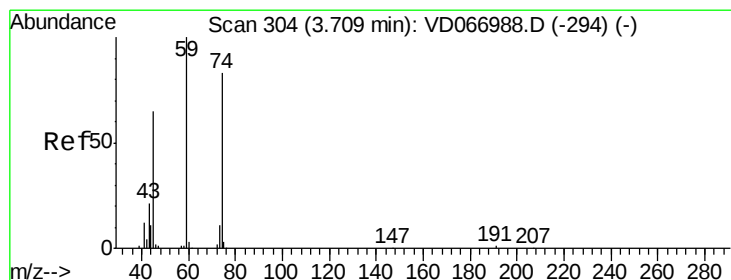
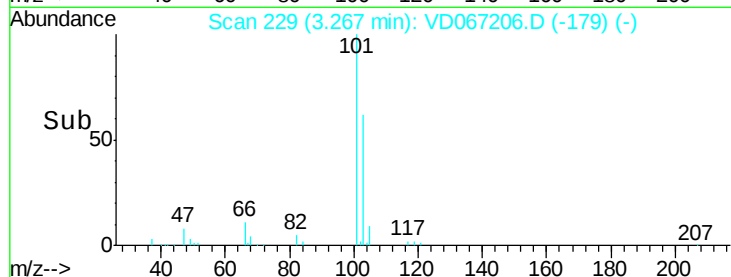
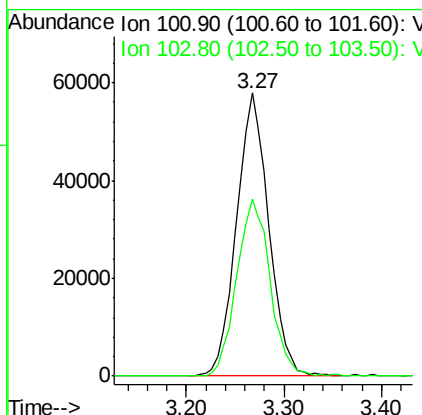
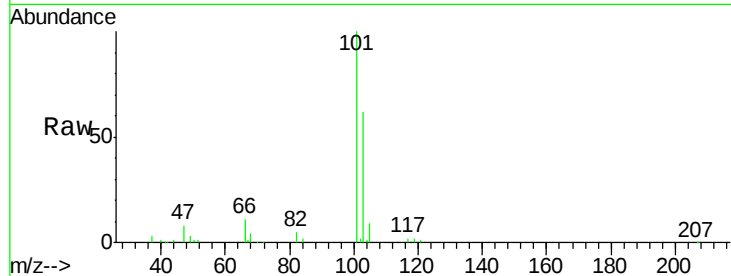
Trichlorofluoromethane
Concen: 21.531 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

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VD1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	133605		
103	62.4	49.8	74.8	

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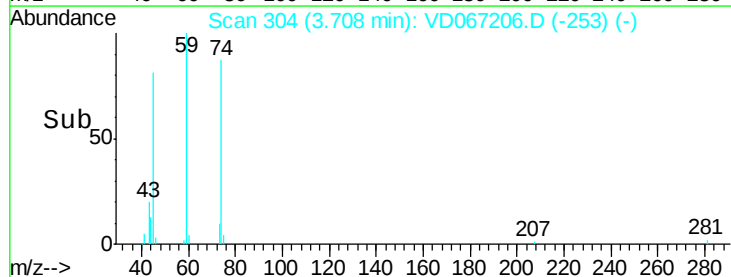
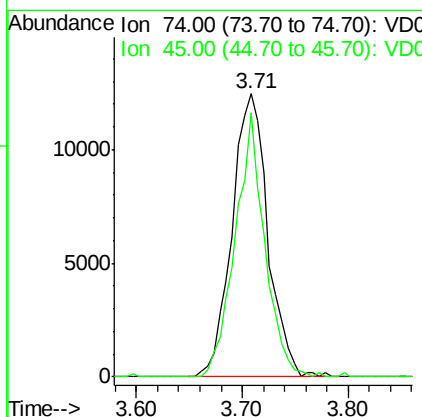
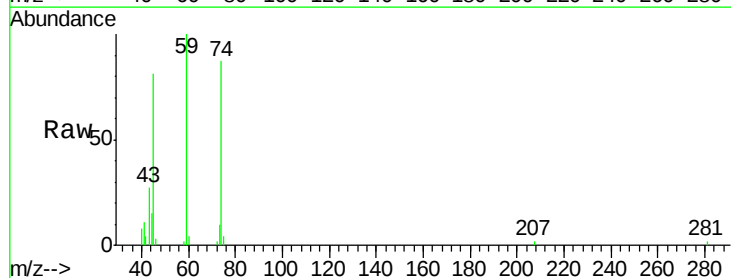
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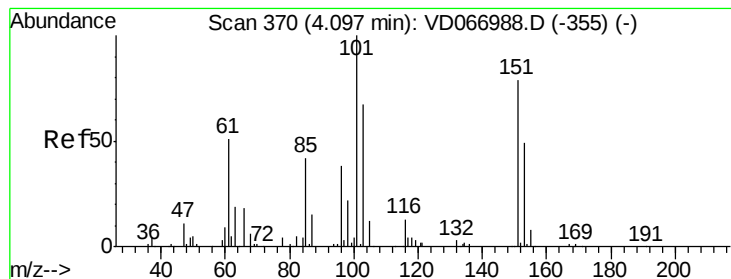


#8

Diethyl Ether
Concen: 18.953 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	29164		
45	77.0	43.1	129.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.147 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

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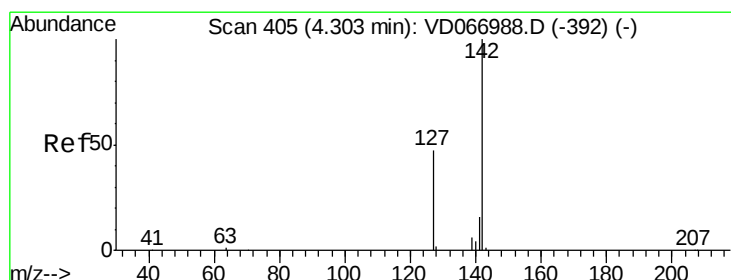
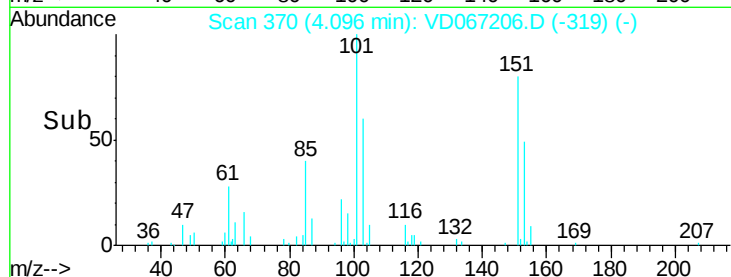
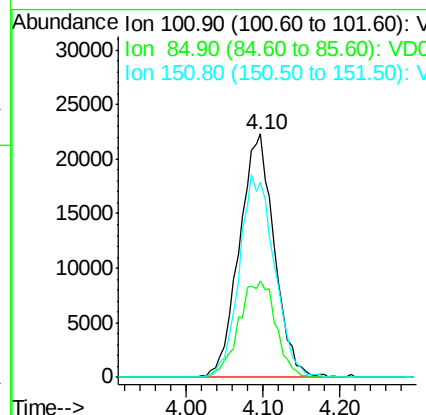
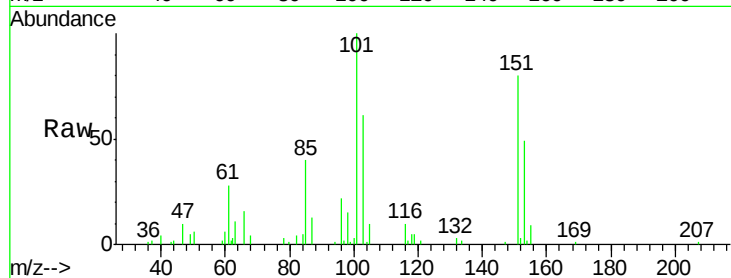
ClientSampleId :

VD1009SBS01

Tot Ion:	101	Resp:	70664
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.8	50.8
151	83.8	63.8	95.8

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#10

Methyl Iodide

Concen: 17.430 ug/l

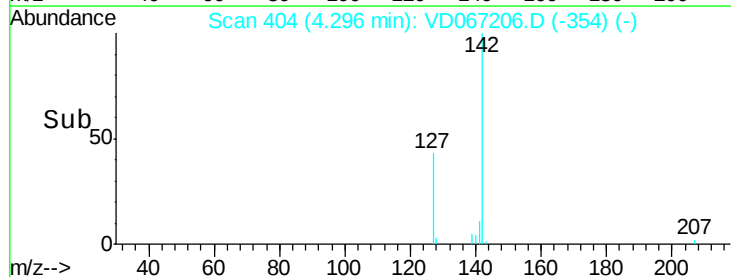
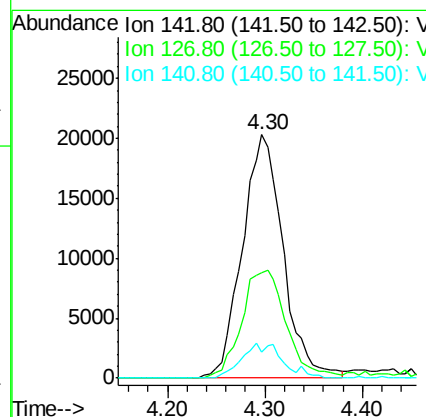
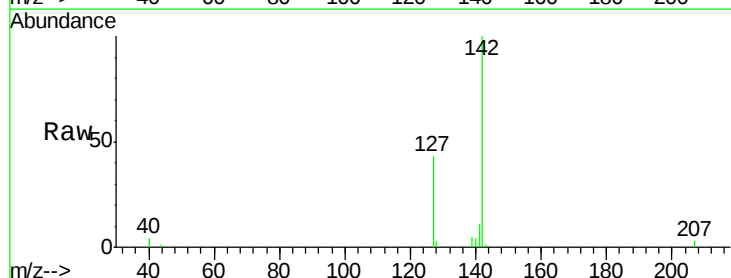
RT: 4.30 min Scan# 404

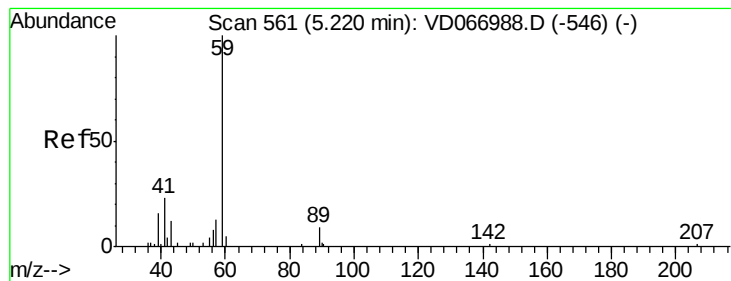
Delta R.T. -0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Tgt Ion:	142	Resp:	59401
Ion Ratio	Lower	Upper	
142	100		
127	48.3	36.3	54.5
141	14.3	12.0	18.0





#11

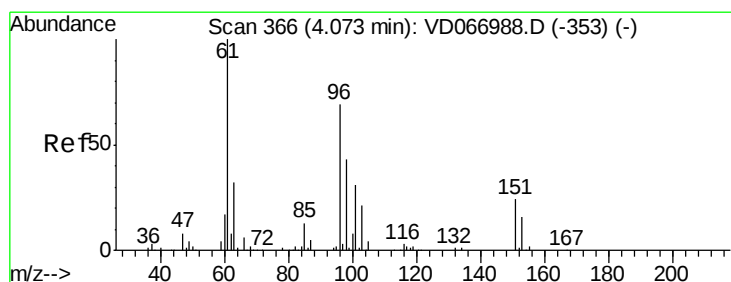
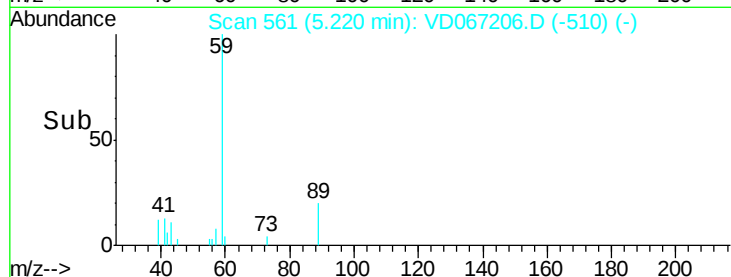
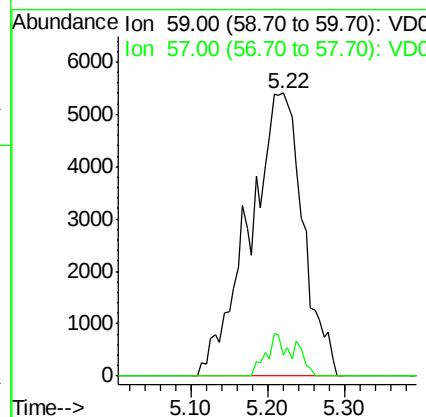
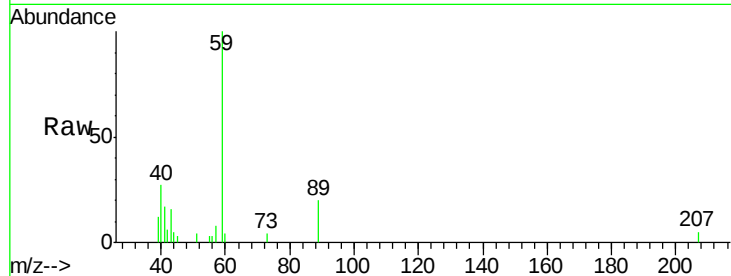
Tert butyl alcohol
 Concen: 104.903 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.7	8.2	12.4#

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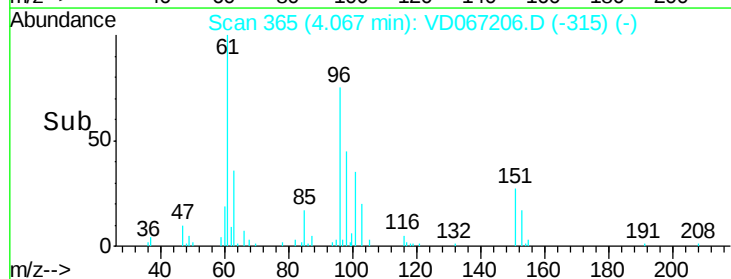
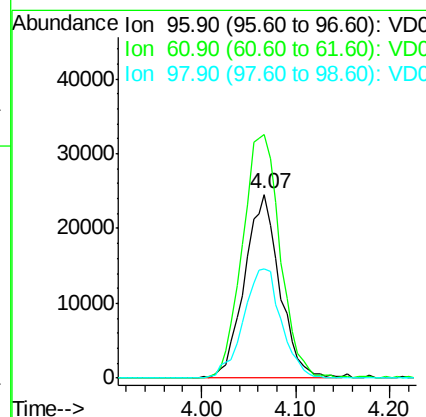
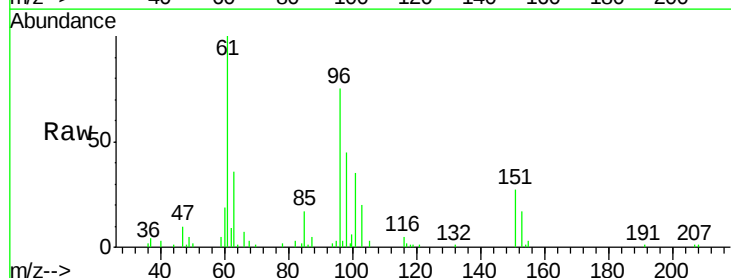
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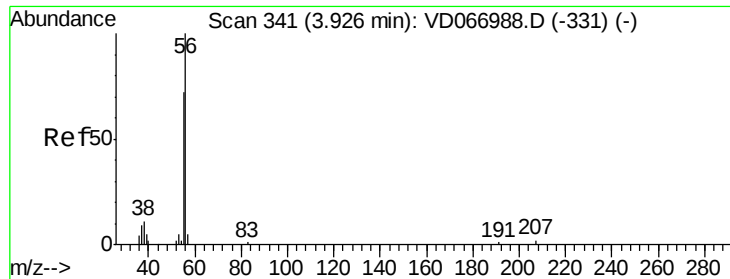


#12

1,1-Dichloroethene
 Concen: 19.226 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.6	116.4	174.6
98	59.6	49.9	74.9





#13

Acrolein

Concen: 69.496 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion: 56 Resp: 15677

Ion Ratio Lower Upper

56 100

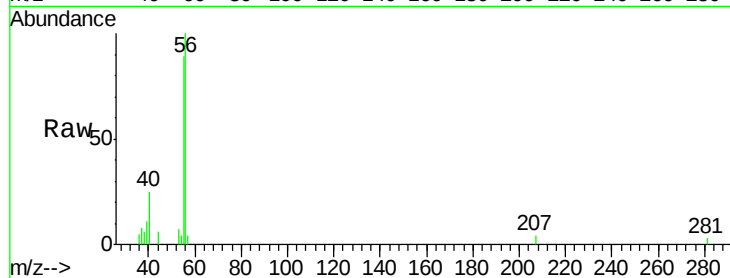
55 70.2 56.9 85.3

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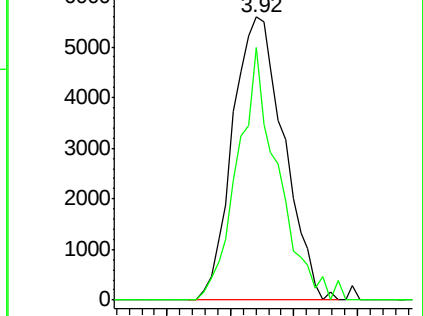
apatel

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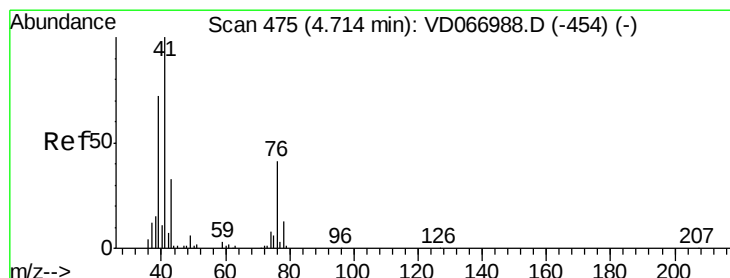
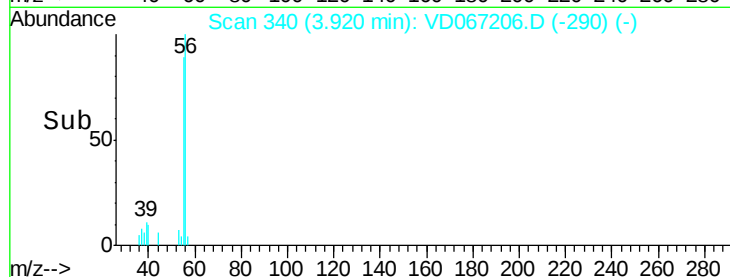


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



Time-->



#14

Allyl chloride

Concen: 16.435 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

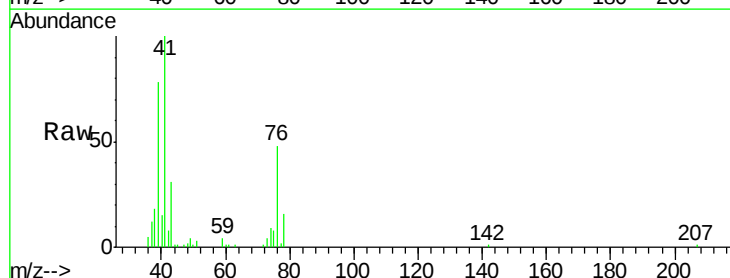
Tgt Ion: 41 Resp: 70394

Ion Ratio Lower Upper

41 100

39 79.6 56.2 84.2

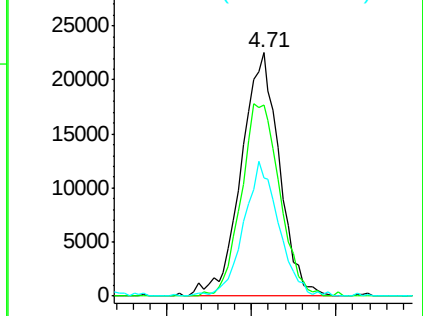
76 50.4 34.2 51.2



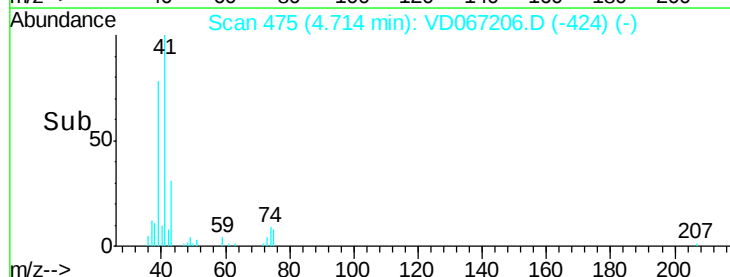
Abundance Ion 41.00 (40.70 to 41.70): VDC

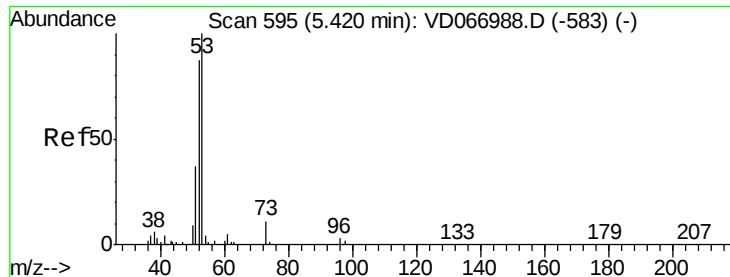
Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC



Time-->





#15

Acrylonitrile

Concen: 87.712 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

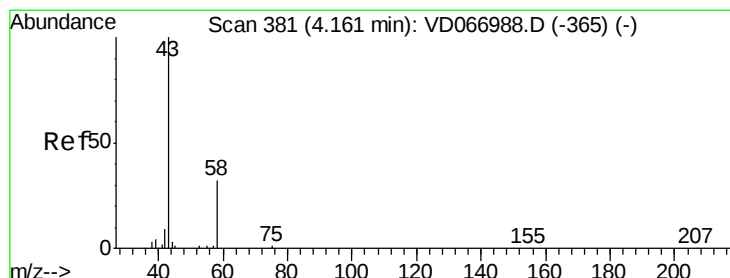
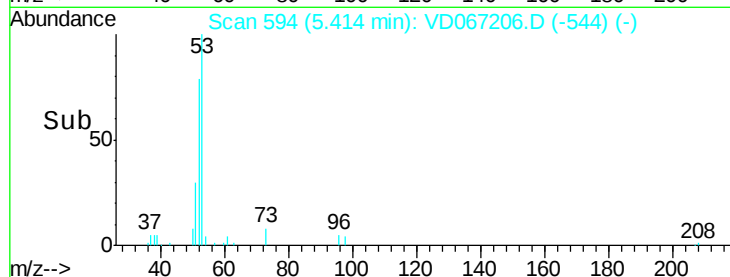
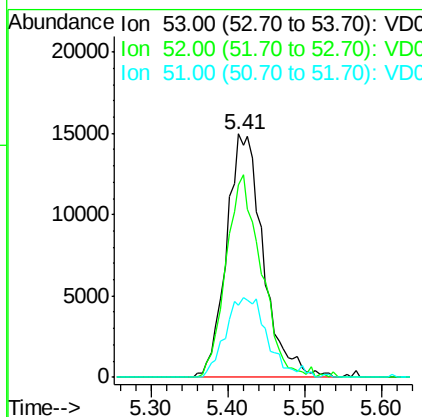
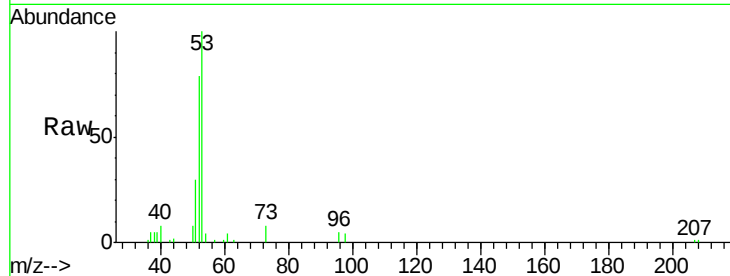
ClientSampleId :

VD1009SBS01

Tot Ion:	53	Resp:	49675
Ion	Ratio	Lower	Upper
53	100		
52	79.7	67.3	100.9
51	36.5	30.2	45.2

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#16

Acetone

Concen: 96.815 ug/l

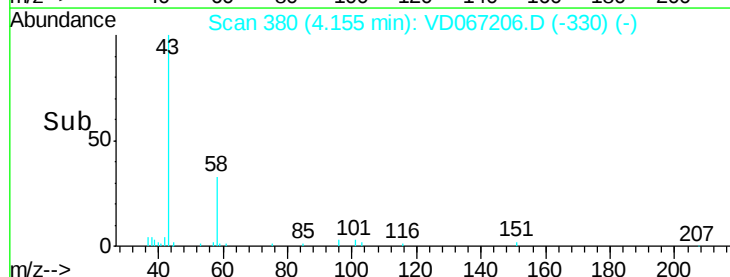
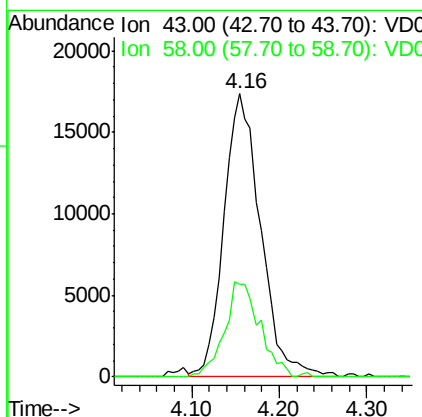
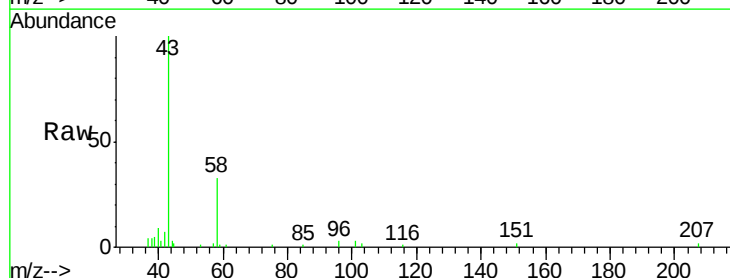
RT: 4.16 min Scan# 380

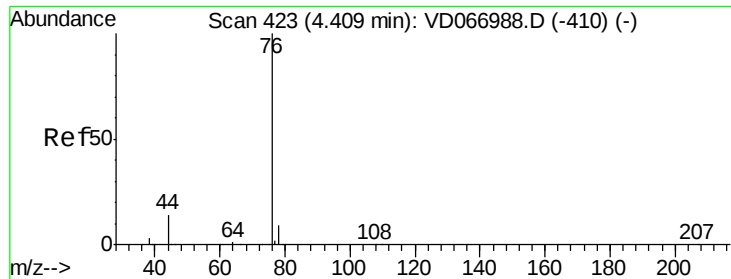
Delta R.T. -0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Tgt Ion:	43	Resp:	49789
Ion	Ratio	Lower	Upper
43	100		
58	32.6	25.9	38.9





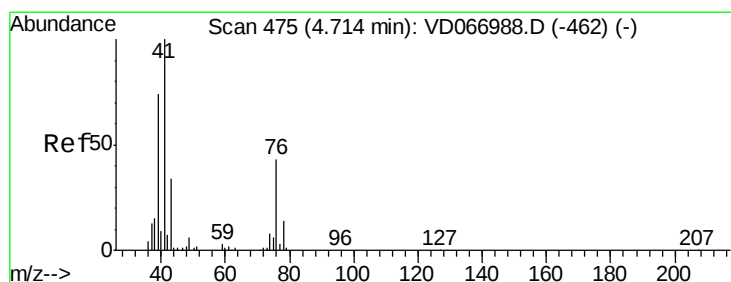
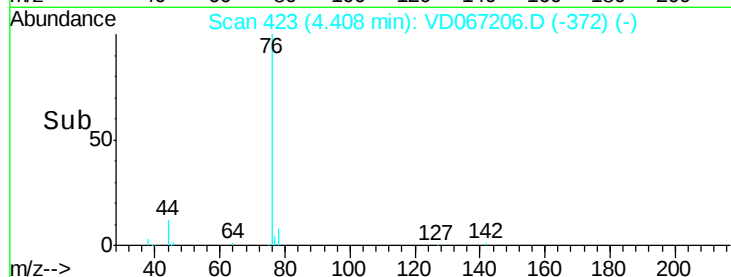
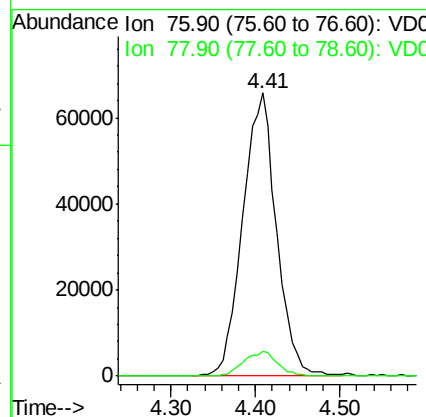
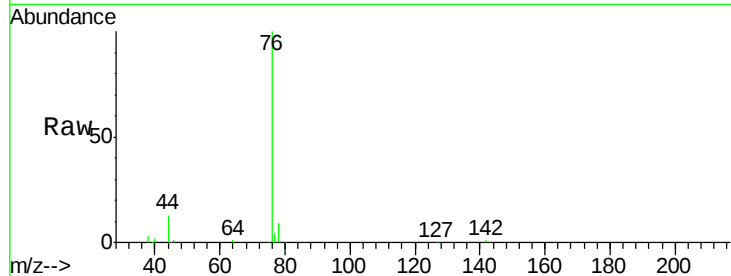
#17
Carbon Disulfide
Concen: 17.968 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
76	100	181816		
78	8.9	7.5	11.3	

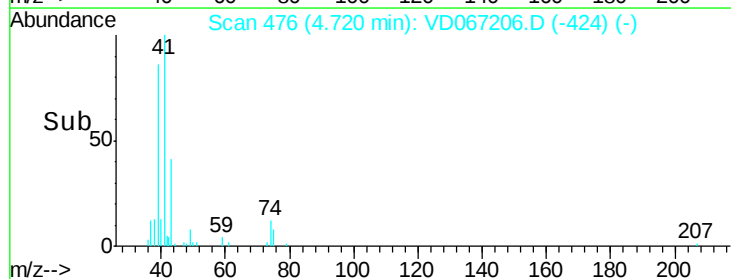
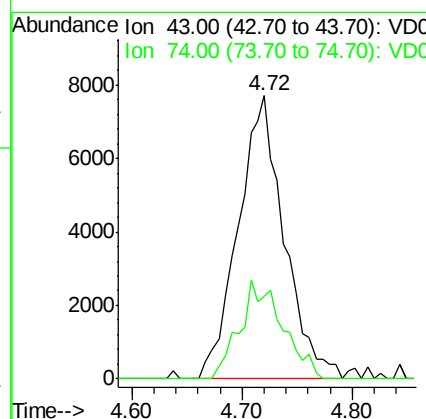
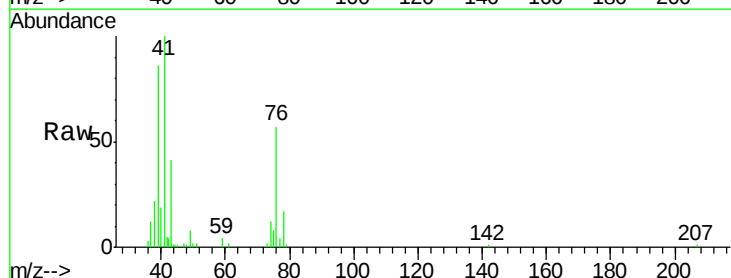
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#18
Methyl Acetate
Concen: 17.354 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	22431		
74	32.6	21.5	32.3	





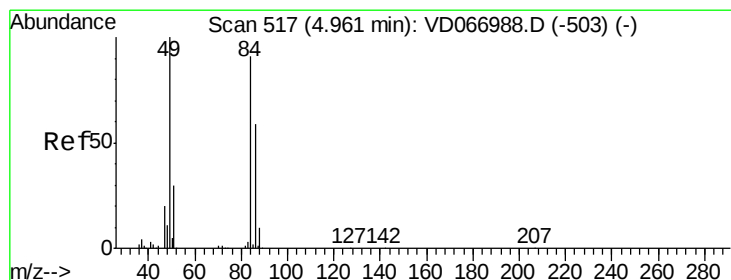
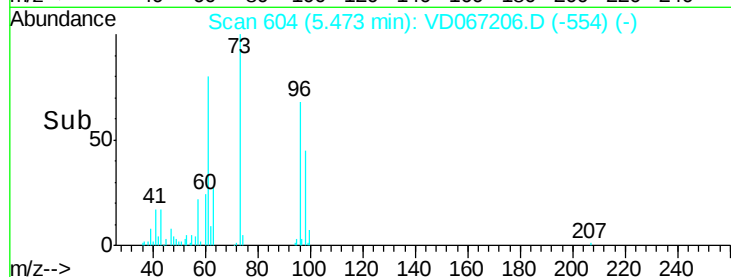
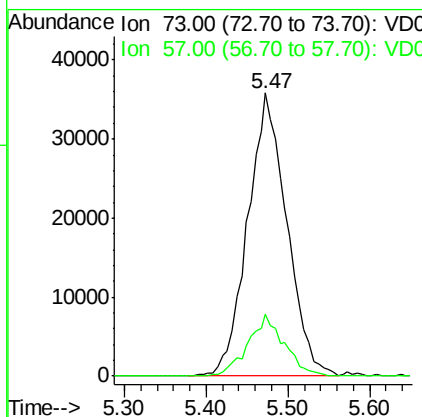
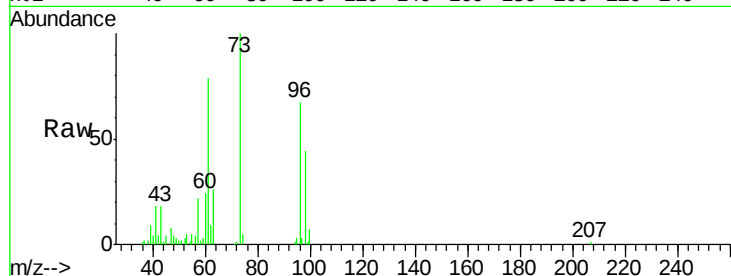
#19
Methyl tert-butyl Ether
Concen: 19.780 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion: 73 Resp: 119055
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.0

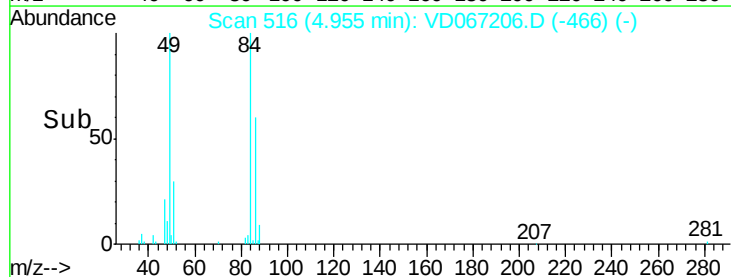
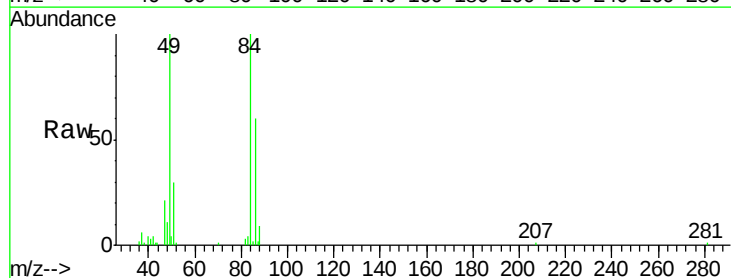
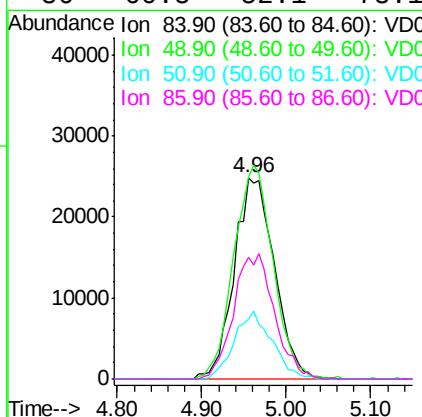
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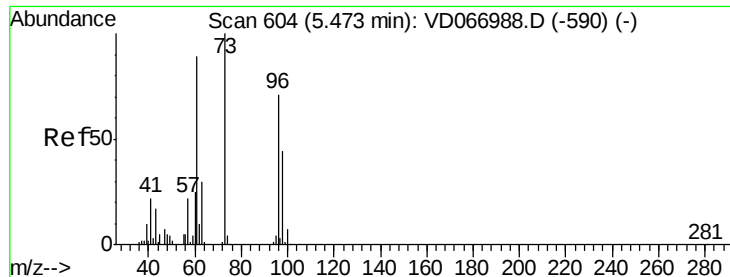
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#20
Methylene Chloride
Concen: 17.768 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion: 84 Resp: 81957
Ion Ratio Lower Upper
84 100
49 100.1 88.2 132.2
51 30.0 26.6 39.8
86 60.5 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 19.568 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

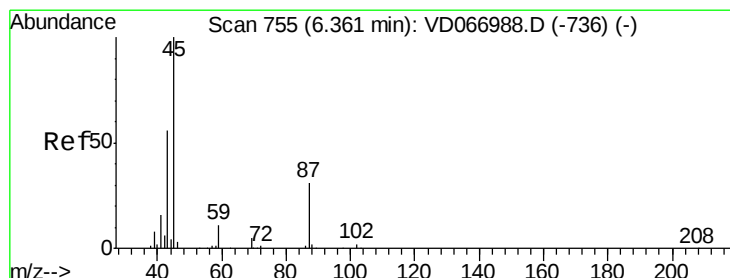
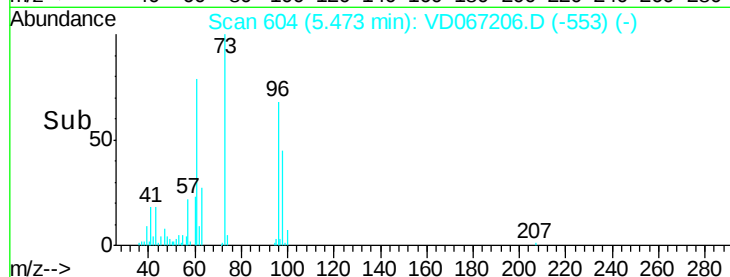
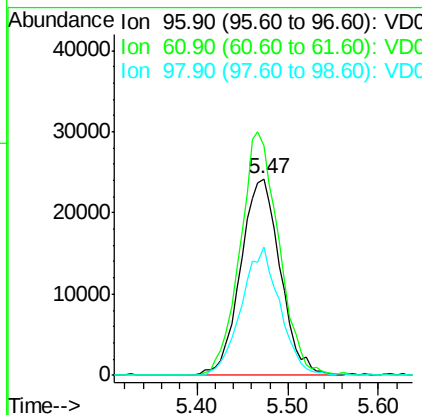
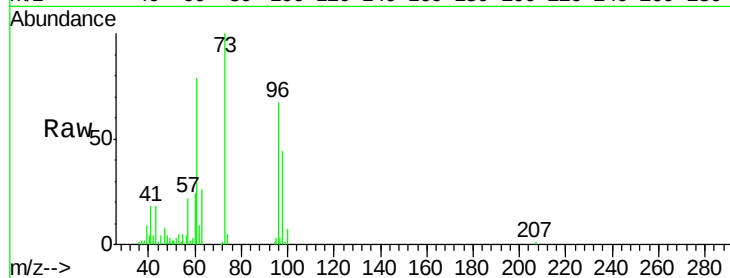
ClientSampleId :

VD1009SBS01

Tot Ion:	96	Resp:	73426
Ion	Ratio	Lower	Upper
96	100		
61	117.2	99.6	149.4
98	65.8	49.4	74.2

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#22

Diisopropyl ether

Concen: 18.144 ug/l

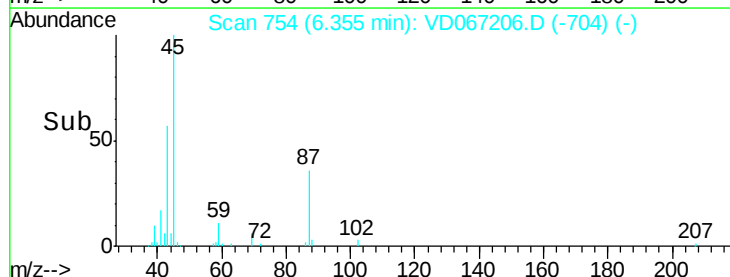
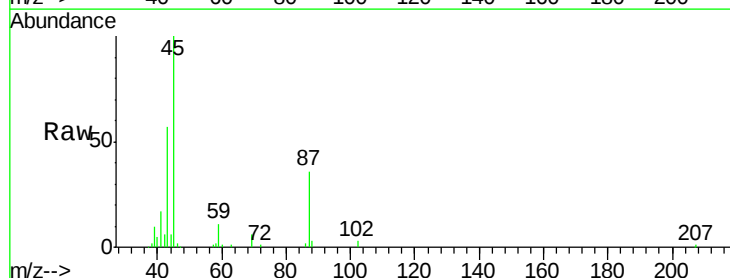
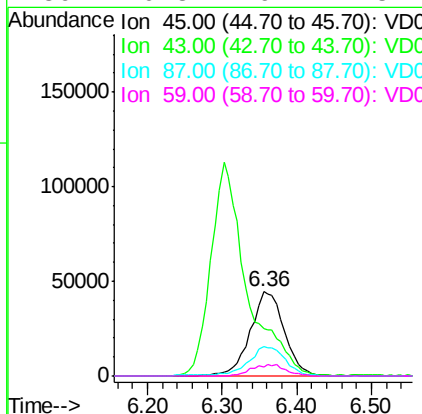
RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Tgt Ion:	45	Resp:	141878
Ion	Ratio	Lower	Upper
45	100		
43	55.8	45.2	67.8
87	35.3	25.6	38.4
59	10.8	9.1	13.7





#23

Vinyl Acetate

Concen: 85.382 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion: 43 Resp: 378344

Ion Ratio Lower Upper

43 100

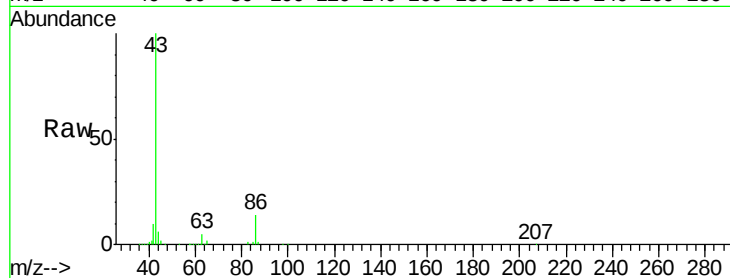
86 13.6 10.2 15.2

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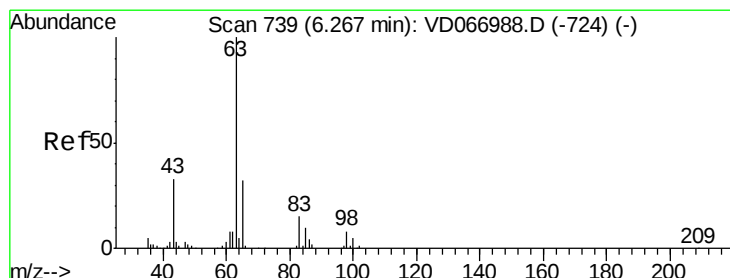
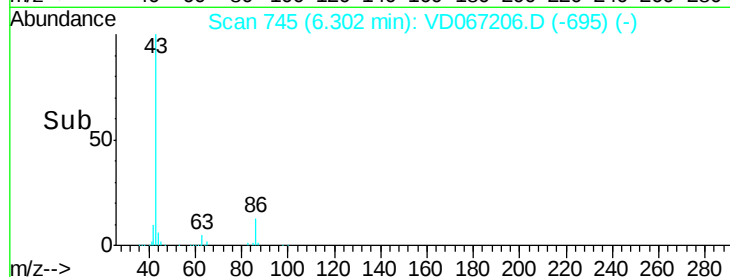
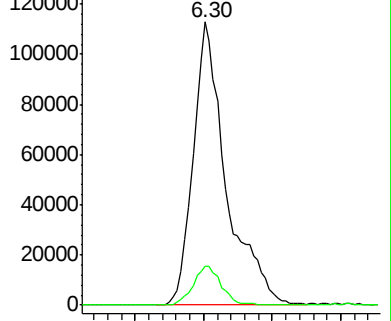
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 18.704 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

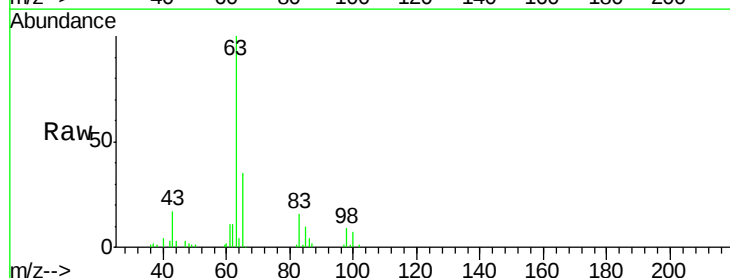
Tgt Ion: 63 Resp: 112874

Ion Ratio Lower Upper

63 100

98 8.6 4.2 12.6

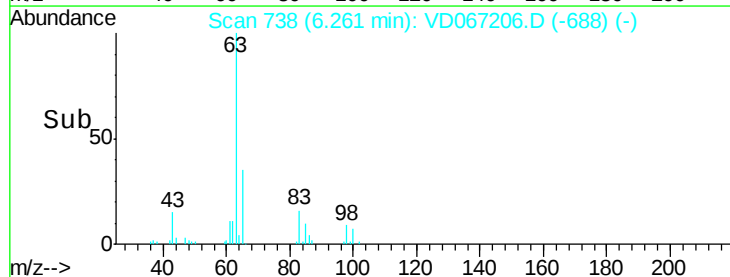
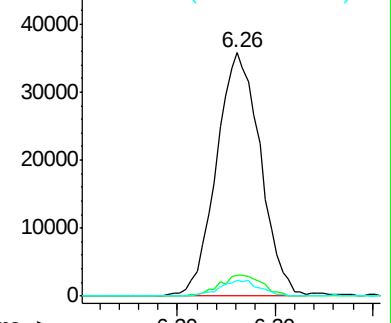
100 6.6 2.6 7.8

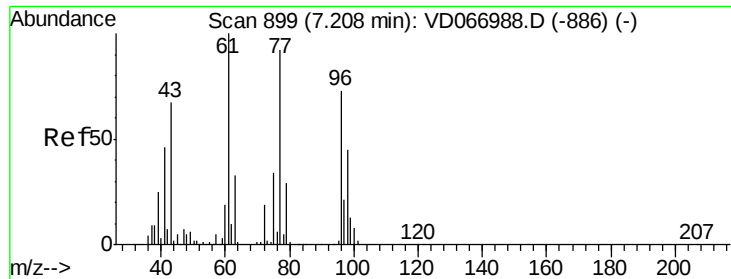


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 83.313 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion: 43 Resp: 60745

Ion Ratio Lower Upper

43 100

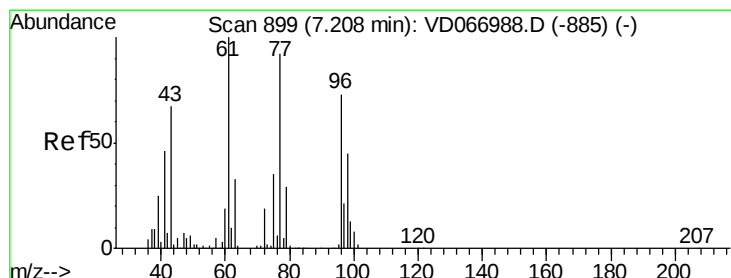
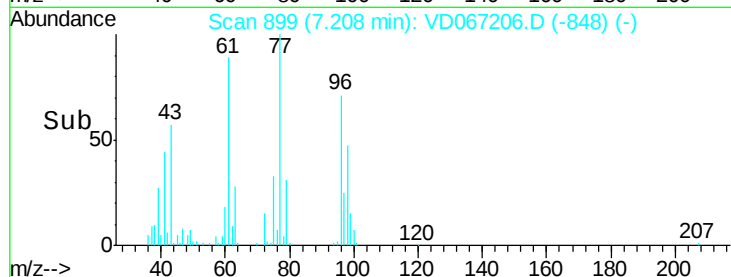
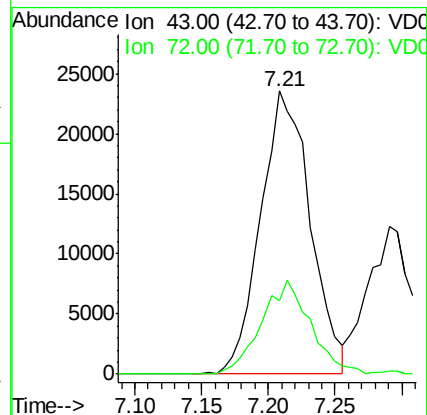
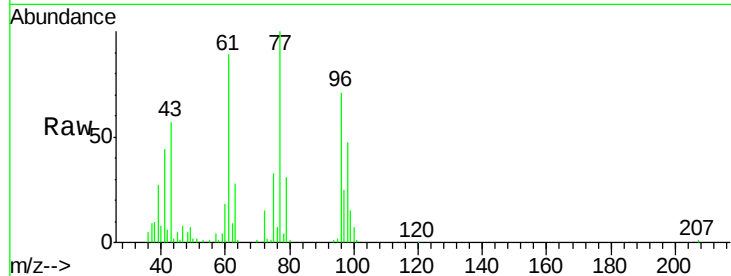
72 26.2 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.059 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067206.D

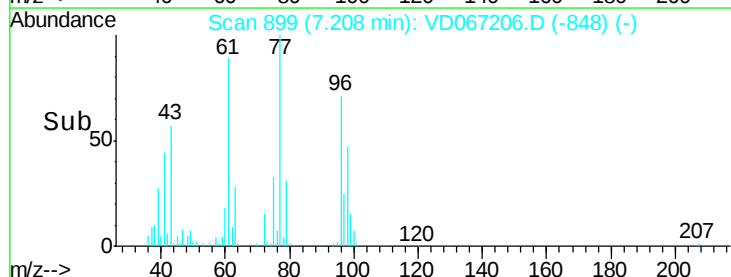
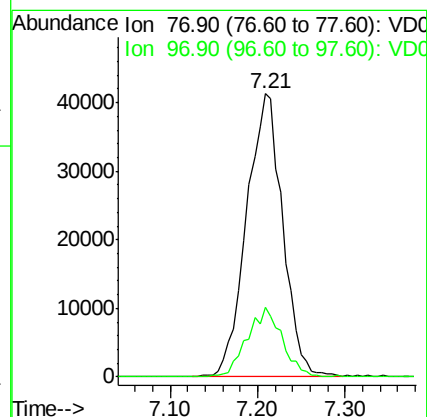
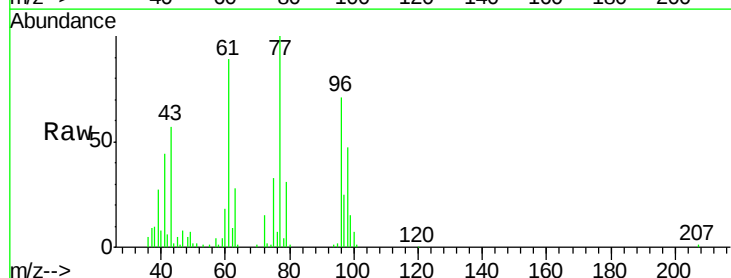
Acq: 09 Oct 2020 12:44

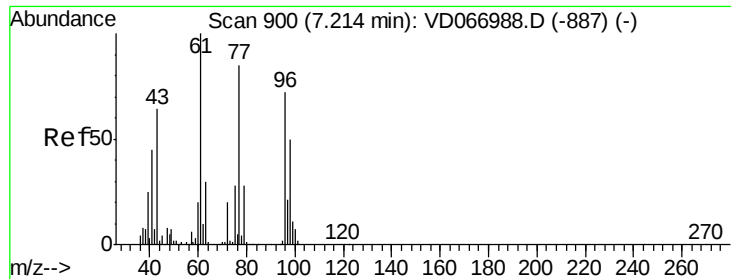
Tgt Ion: 77 Resp: 116259

Ion Ratio Lower Upper

77 100

97 23.6 11.4 34.2





#27

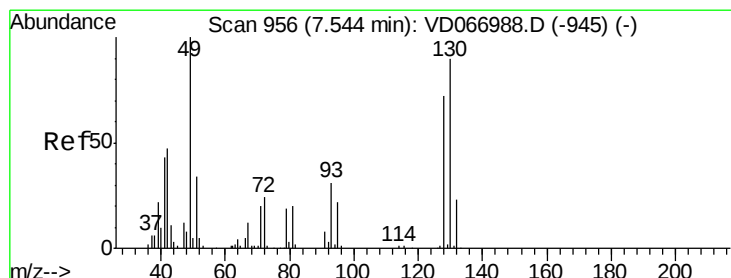
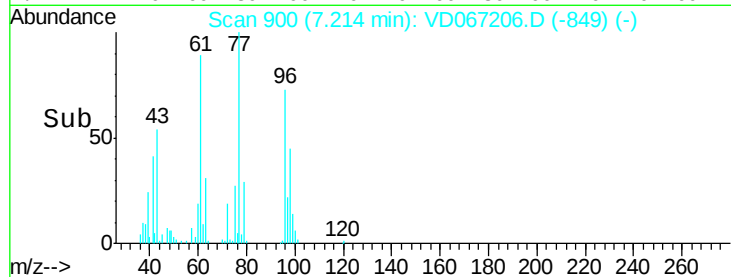
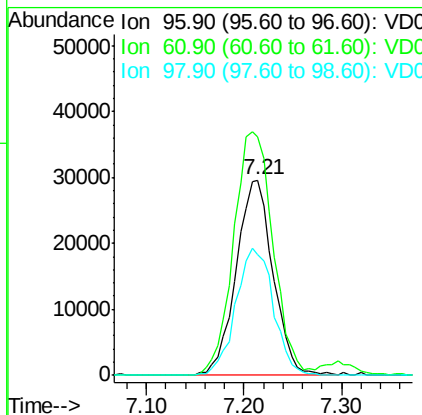
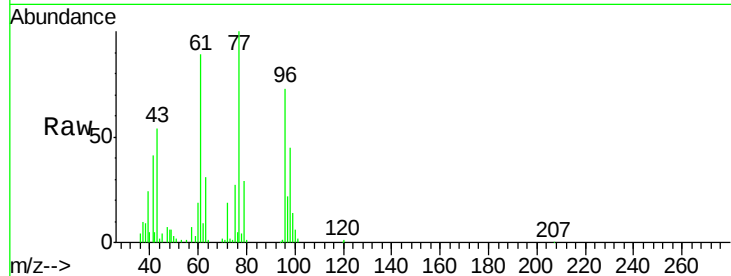
cis-1,2-Dichloroethene
Concen: 19.492 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.5	0.0	269.2
98	66.5	0.0	129.4

Manual Integrations
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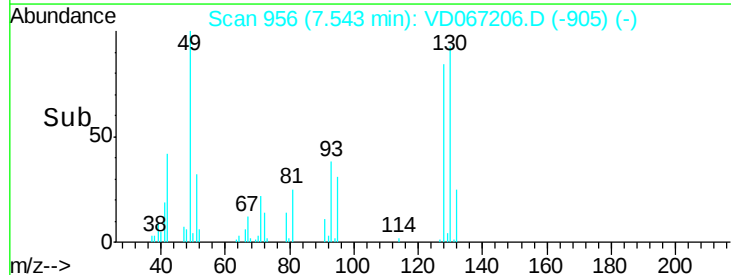
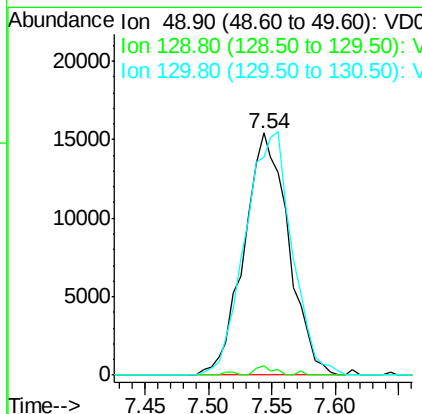
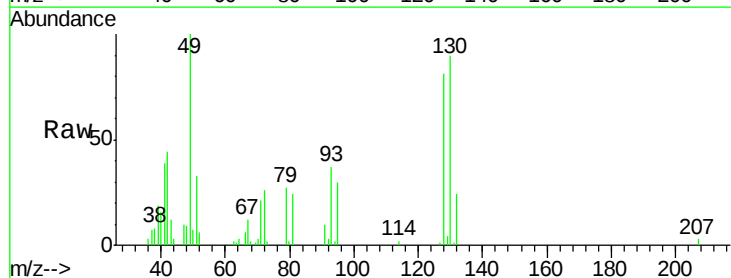
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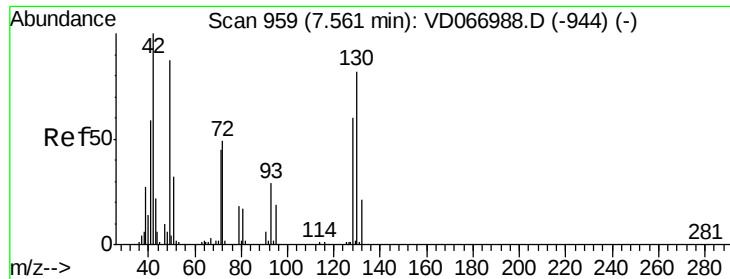


#28

Bromochloromethane
Concen: 16.168 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.6
130	105.5	74.1	111.1





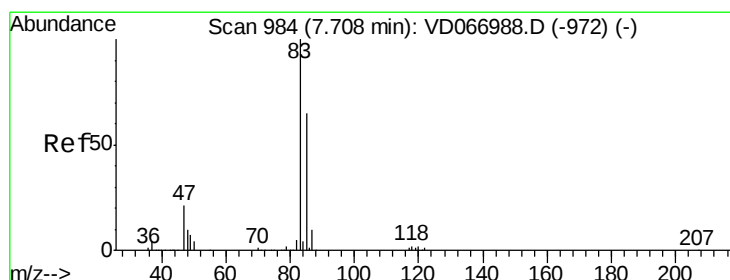
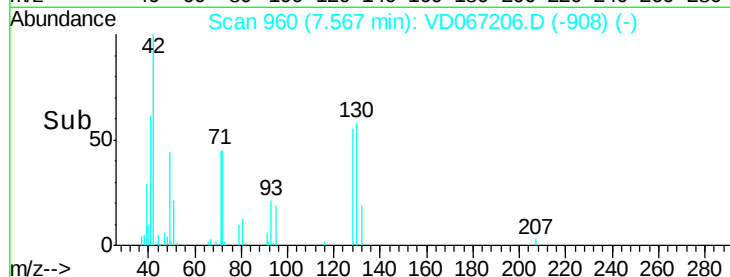
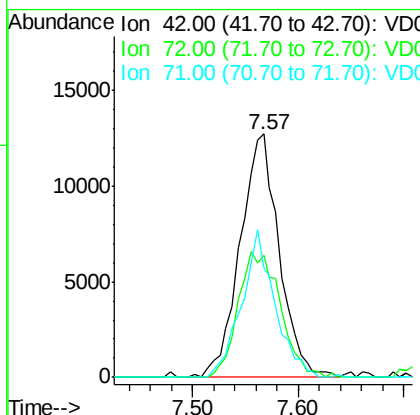
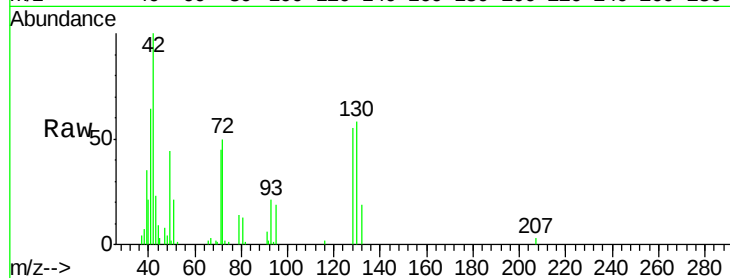
#29
Tetrahydrofuran
Concen: 78.056 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	55.4	39.1	58.7
71	51.3	34.2	51.4

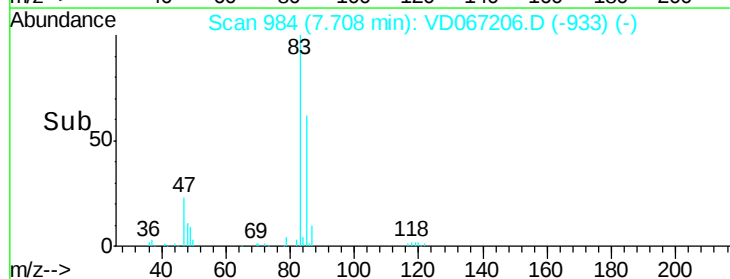
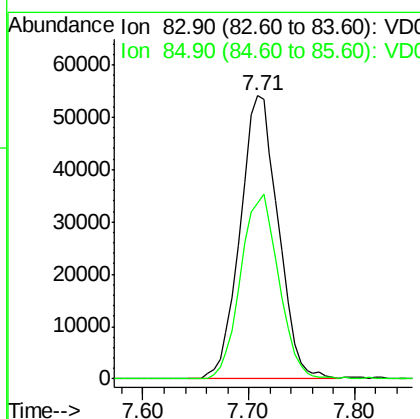
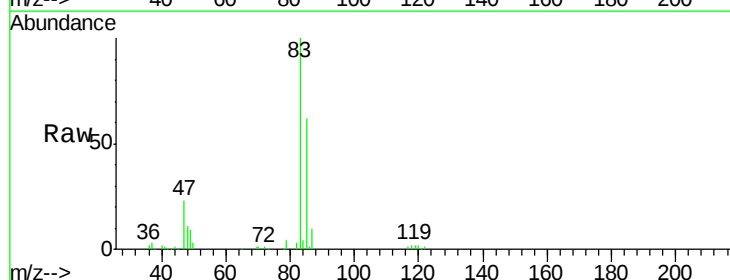
Manual Integrations
APPROVED

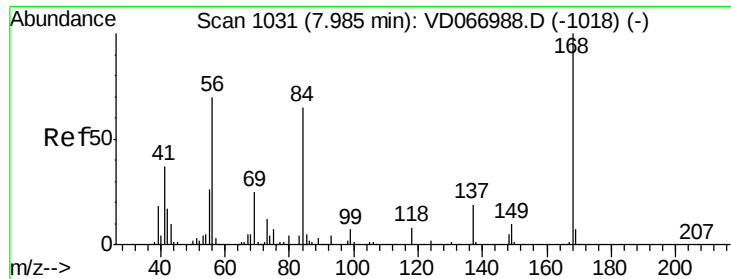
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#30
Chloroform
Concen: 20.673 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.3	78.5





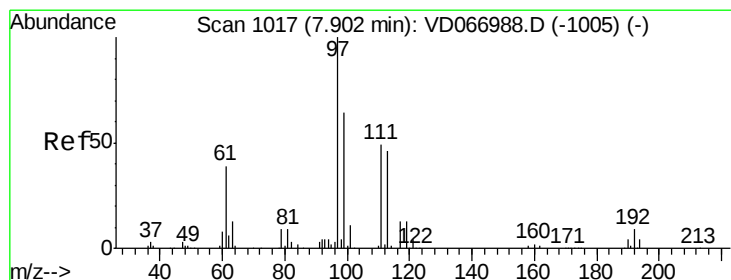
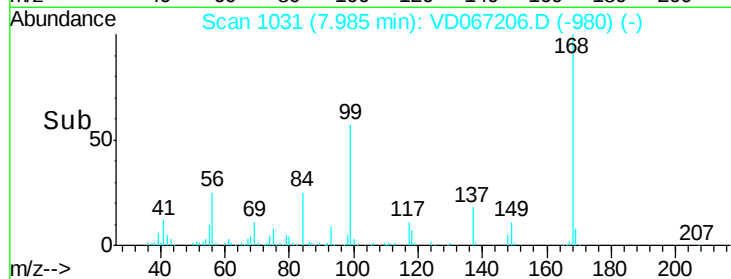
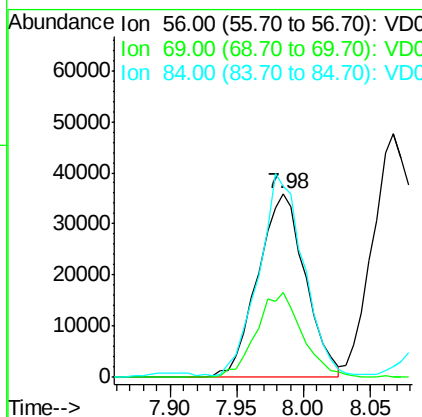
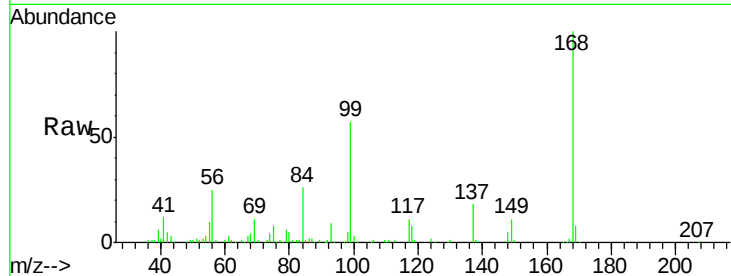
#31
Cyclohexane
Concen: 17.562 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion: 56 Resp: 88855
Ion Ratio Lower Upper
56 100
69 46.1 29.0 43.6#
84 101.8 74.2 111.2

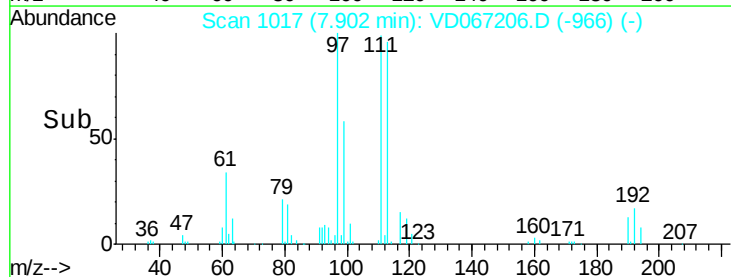
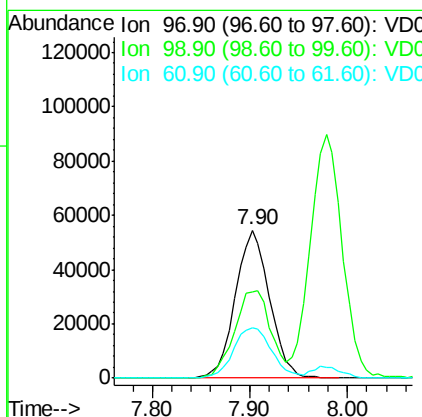
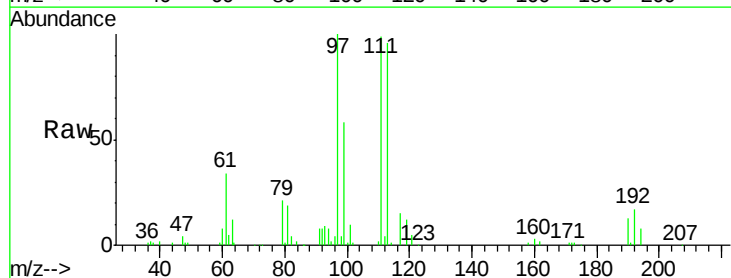
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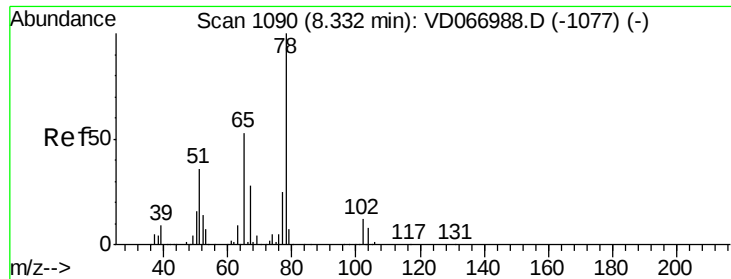
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#32
1,1,1-Trichloroethane
Concen: 21.881 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion: 97 Resp: 132753
Ion Ratio Lower Upper
97 100
99 63.2 52.6 78.8
61 38.3 32.8 49.2





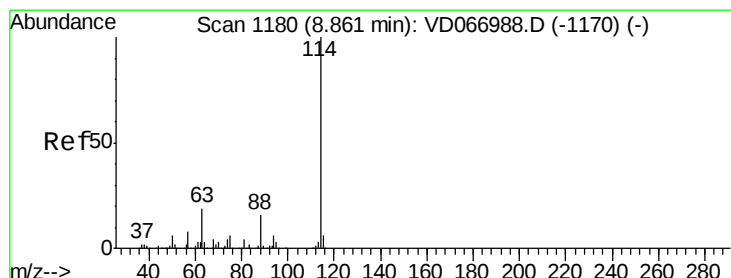
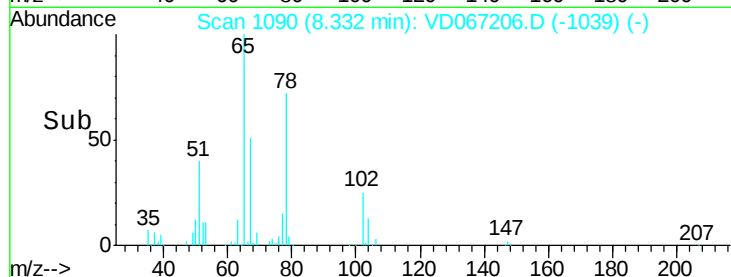
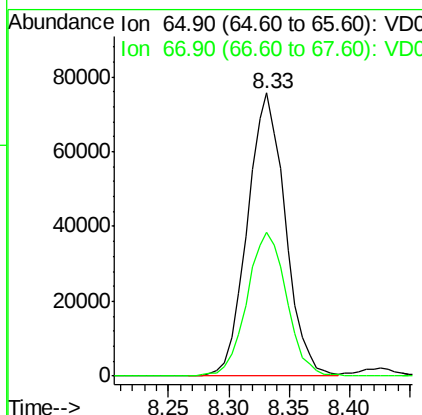
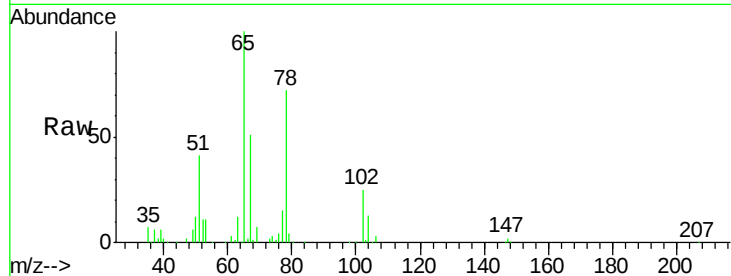
#33
 1,2-Dichloroethane-d4
 Concen: 49.273 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	165996		
67	53.2	0.0	106.8	

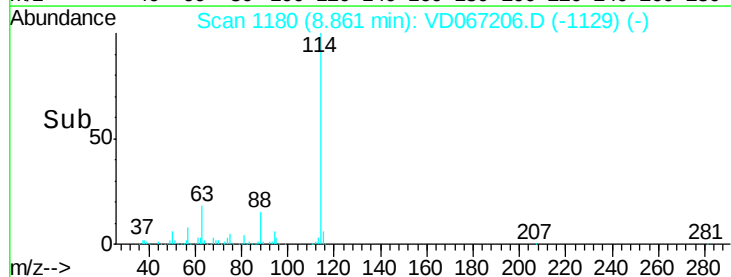
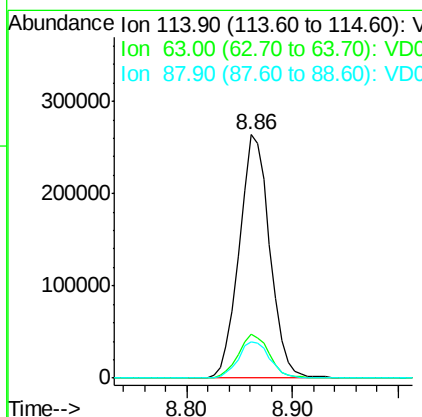
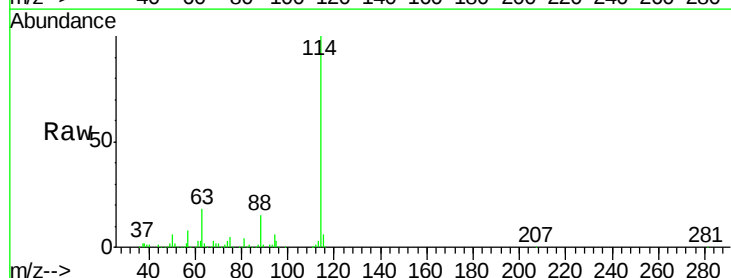
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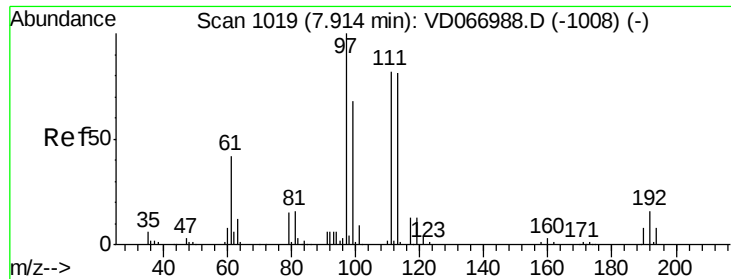
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	530008		
63	17.9	0.0	38.4	
88	15.1	0.0	31.2	





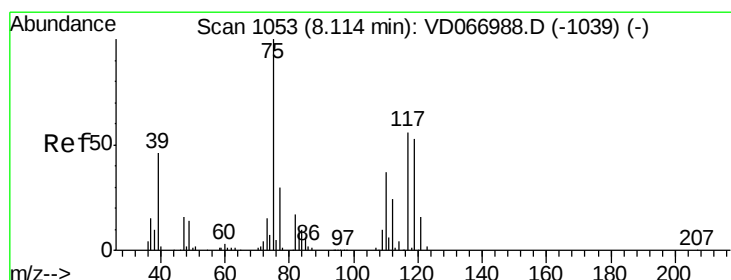
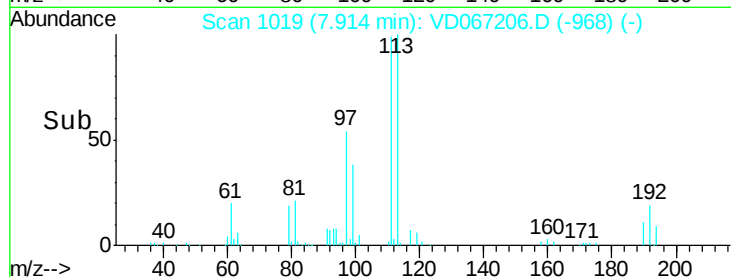
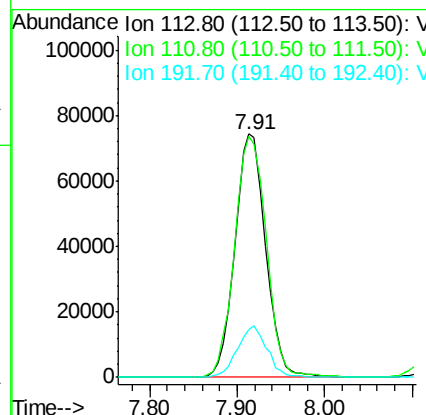
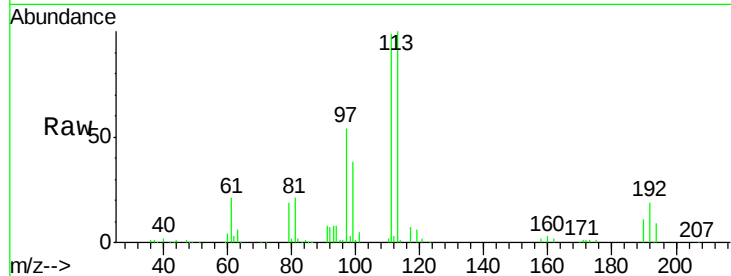
#35
 Dibromofluoromethane
 Concen: 50.791 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	176238		
111	102.9	83.0	124.4	
192	20.3	15.5	23.3	

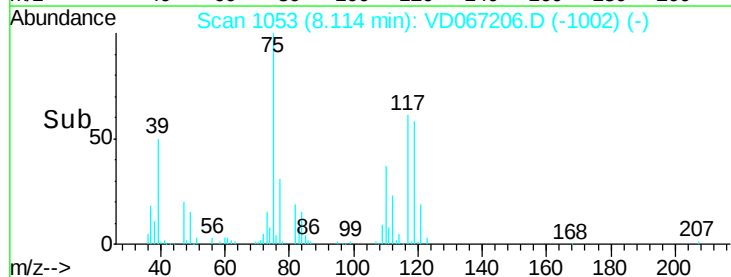
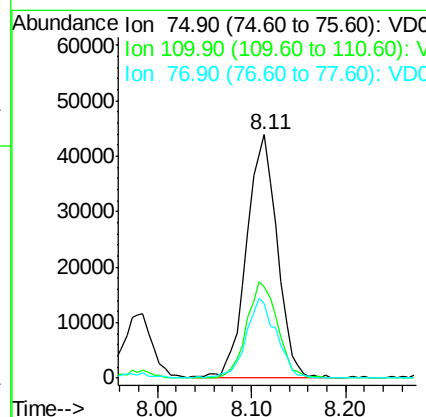
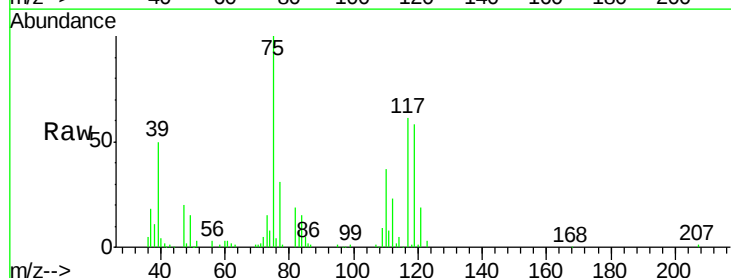
Manual Integrations
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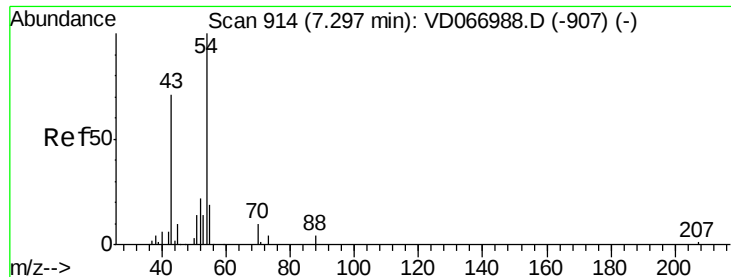
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#36
 1,1-Dichloropropene
 Concen: 19.833 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	97981		
110	40.3	18.4	55.0	
77	32.6	24.8	37.2	





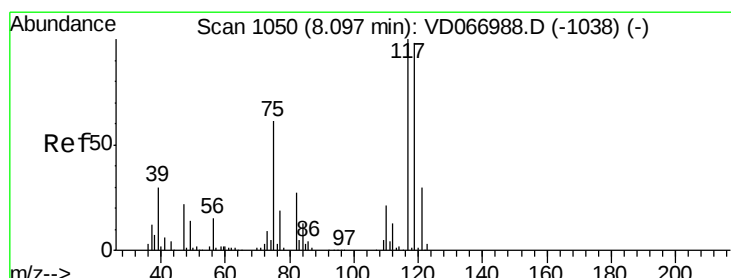
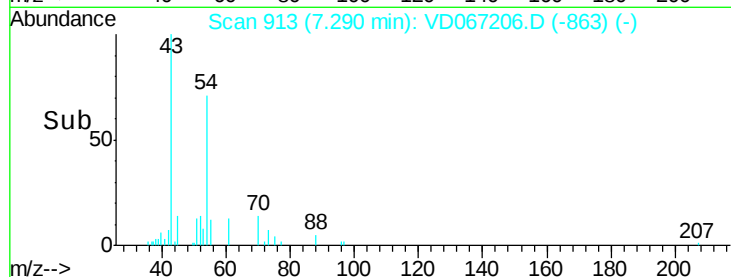
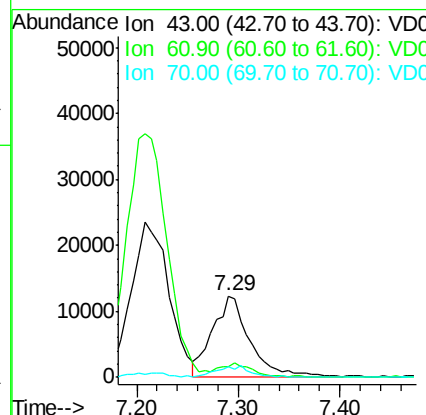
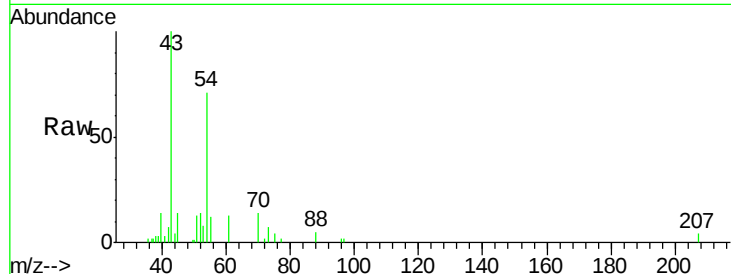
#37
Ethyl Acetate
Concen: 18.483 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleID :
VD1009SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.5	18.7
70	12.9	9.4	14.0

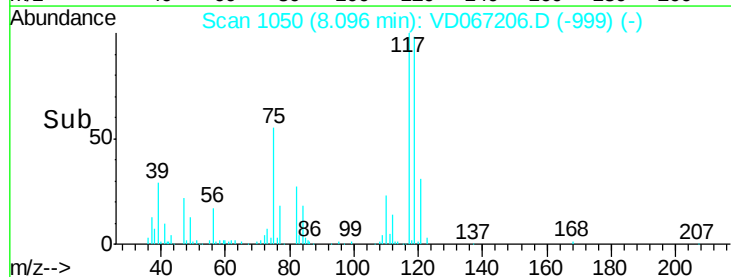
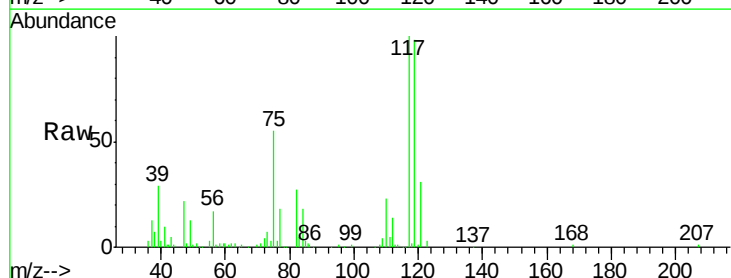
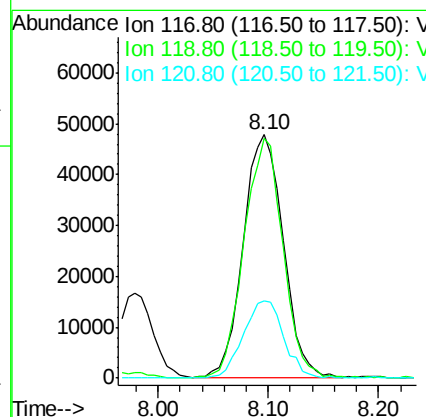
Manual Integrations
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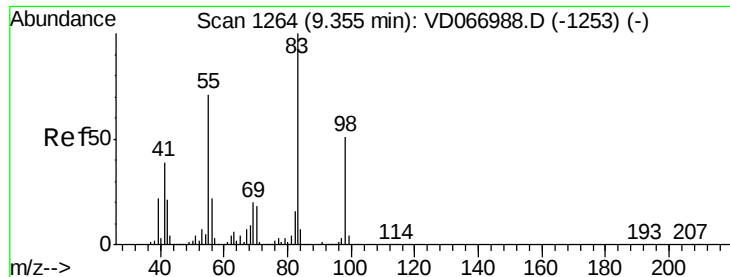
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#38
Carbon Tetrachloride
Concen: 22.914 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	78.7	118.1
121	31.5	24.2	36.2





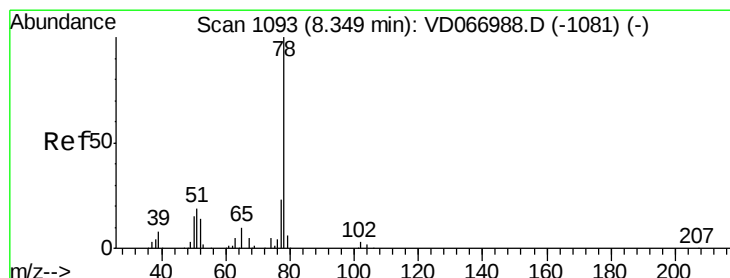
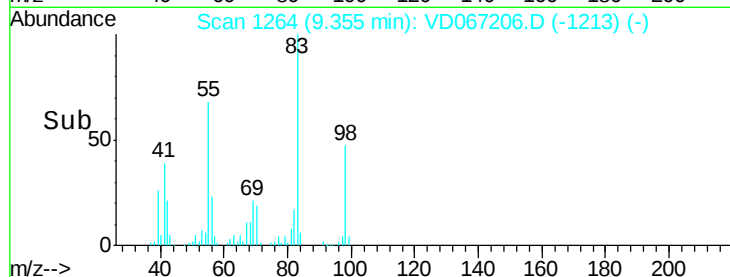
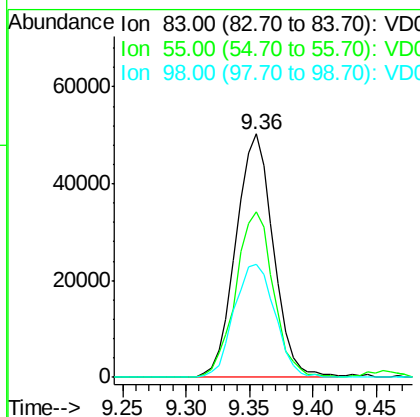
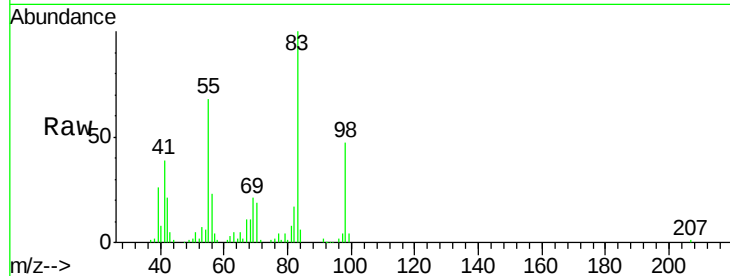
#39
Methvlcvclohexane
Concen: 19.683 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.0	57.1	85.7
98	46.7	40.9	61.3

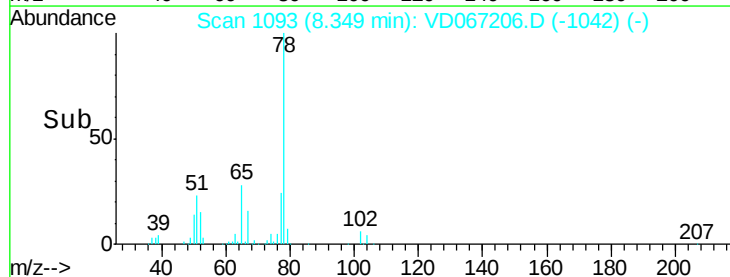
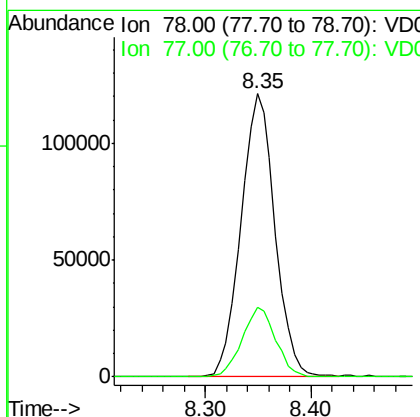
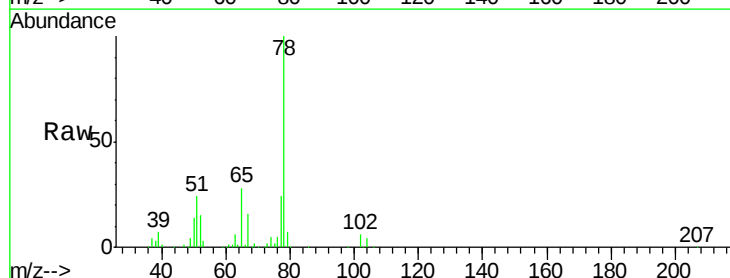
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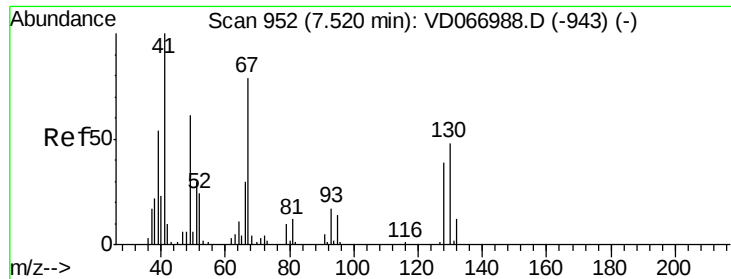
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#40
Benzene
Concen: 19.687 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.4	27.6





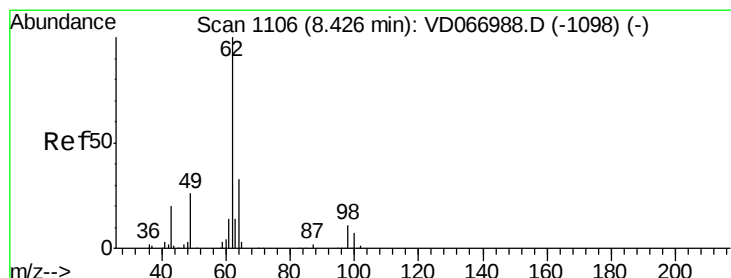
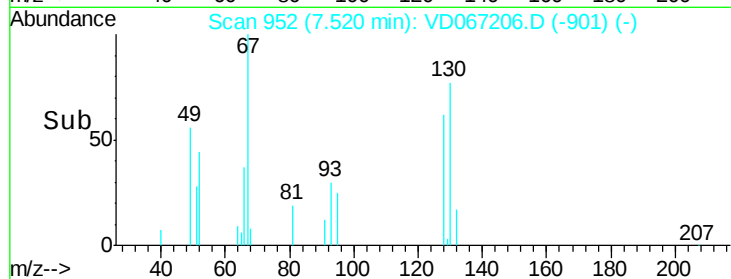
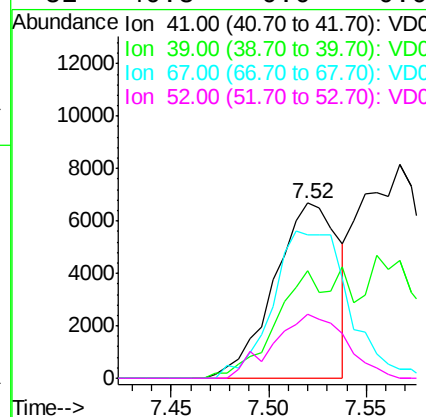
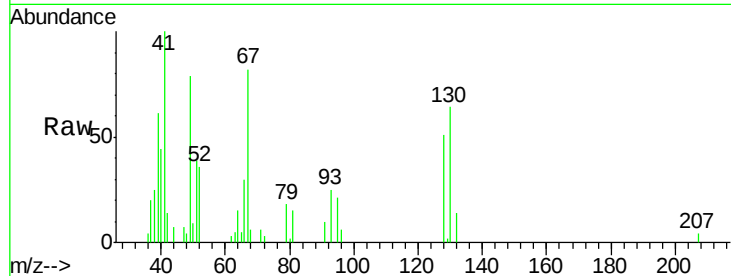
#41
Methacrylonitrile
Concen: 16.546 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	50.1	0.0	0.0#
67	99.1	0.0	0.0#
52	40.8	0.0	0.0#

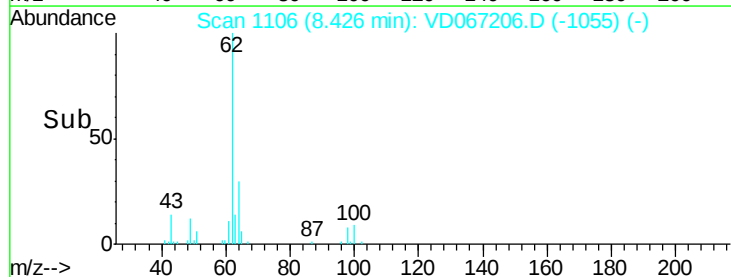
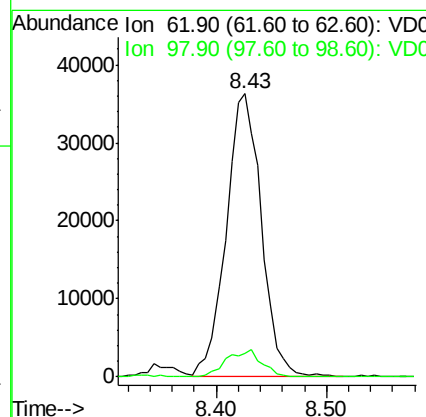
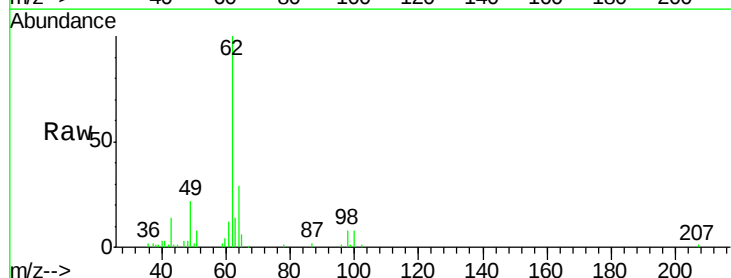
Manual Integrations
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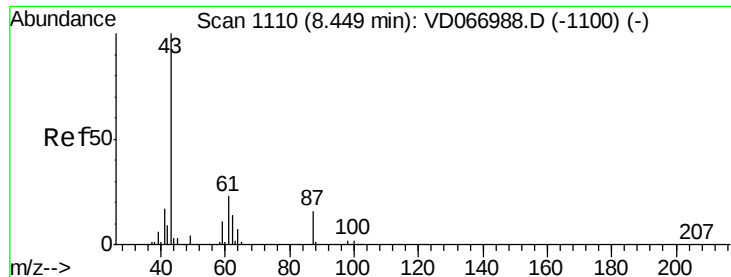
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#42
1,2-Dichloroethane
Concen: 21.074 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	22.6





#43

Isopropyl Acetate

Concen: 17.610 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

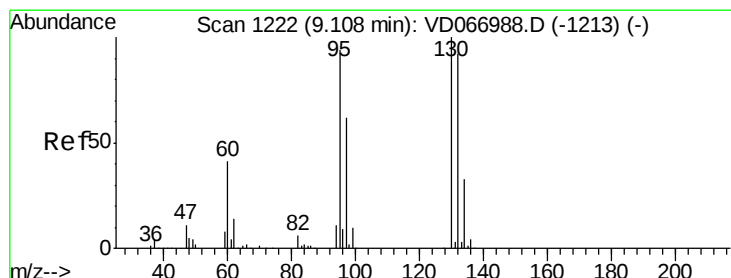
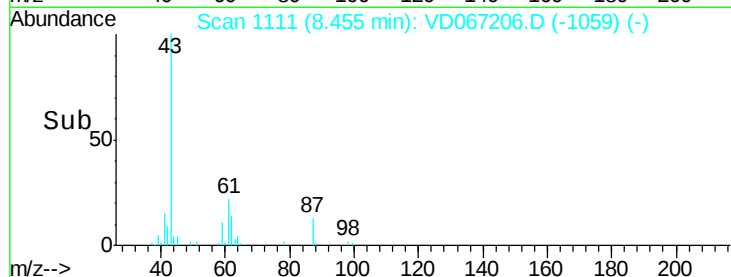
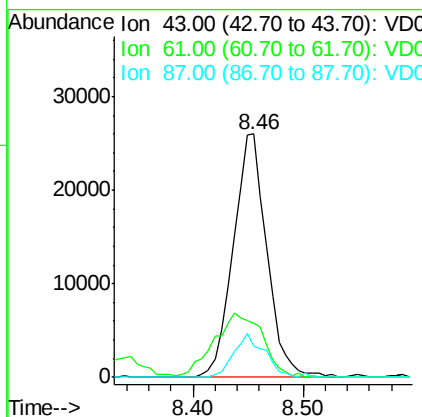
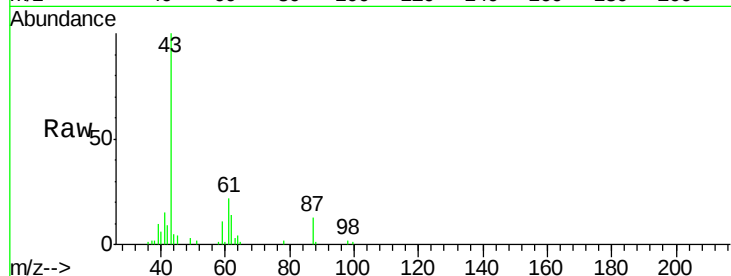
ClientSampleId :

VD1009SBS01

Tot Ion:	43	Resp:	55521
Ion	Ratio	Lower	Upper
43	100		
61	38.3	27.1	40.7
87	16.5	12.3	18.5

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#44

Trichloroethene

Concen: 21.513 ug/l

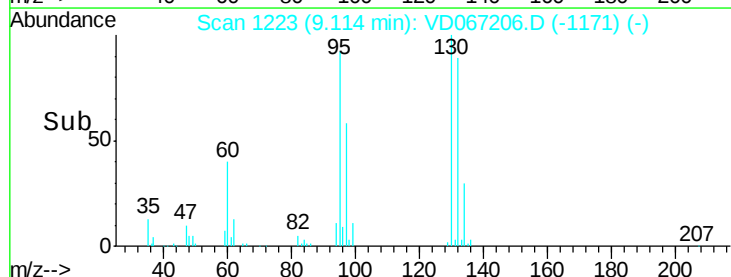
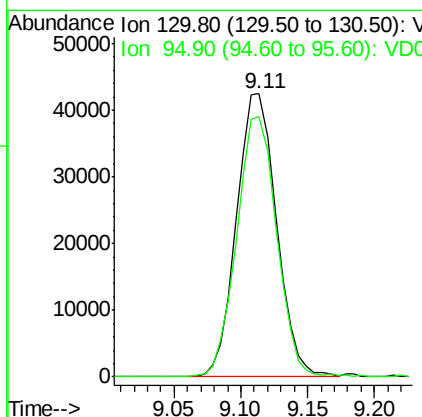
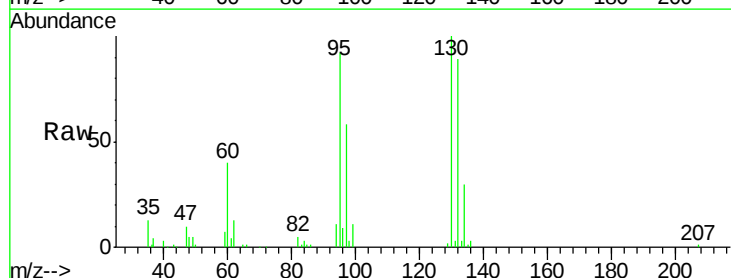
RT: 9.11 min Scan# 1223

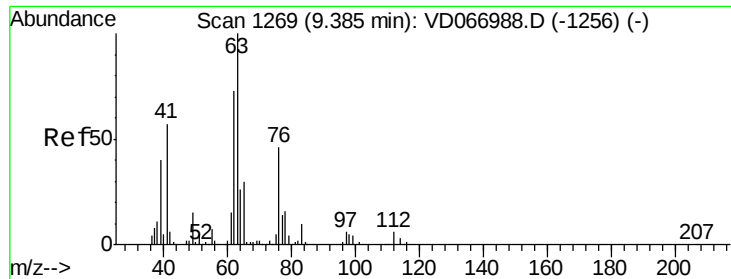
Delta R.T. 0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Tgt Ion:	130	Resp:	88148
Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	187.8





#45

1,2-Dichloropropane

Concen: 19.122 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion: 63 Resp: 61652

Ion Ratio Lower Upper

63 100

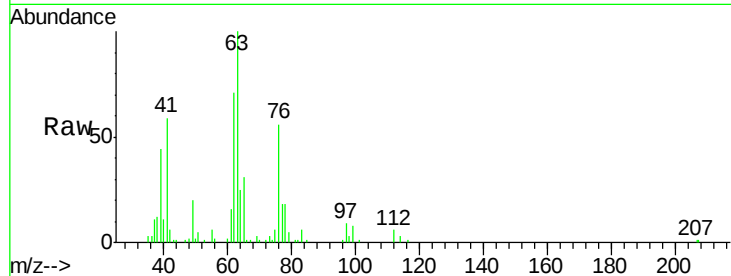
65 30.6 23.7 35.5

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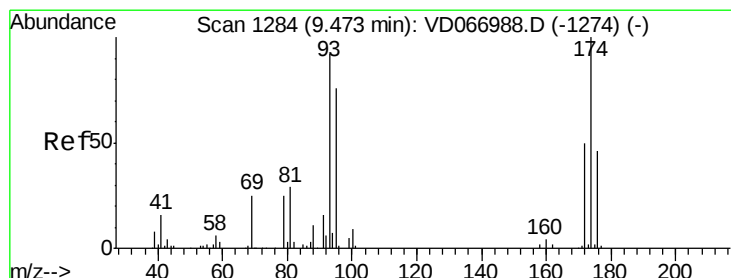
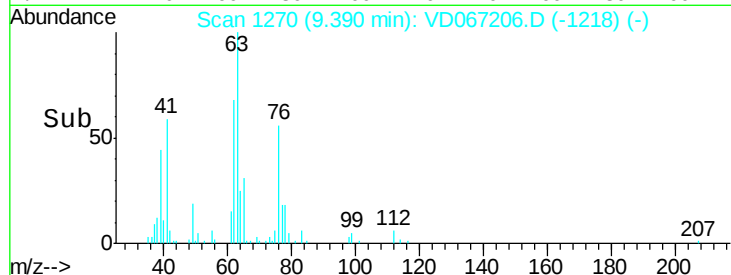
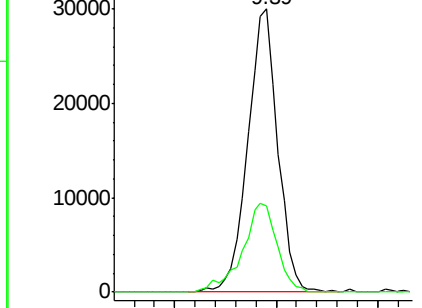
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 19.536 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

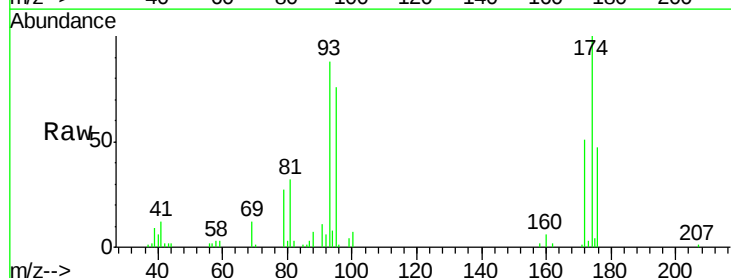
Tgt Ion: 93 Resp: 36201

Ion Ratio Lower Upper

93 100

95 89.5 64.7 97.1

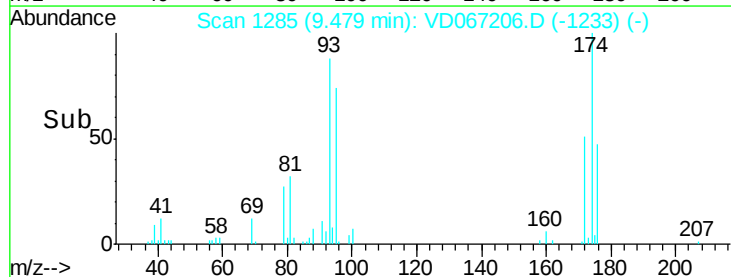
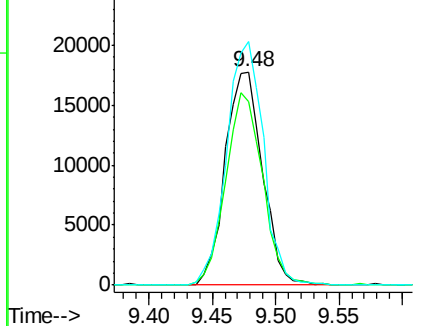
174 112.8 81.4 122.2

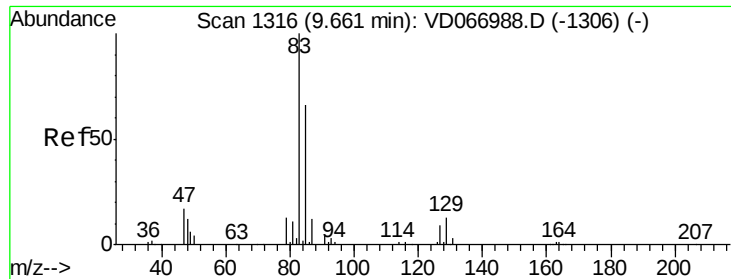


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





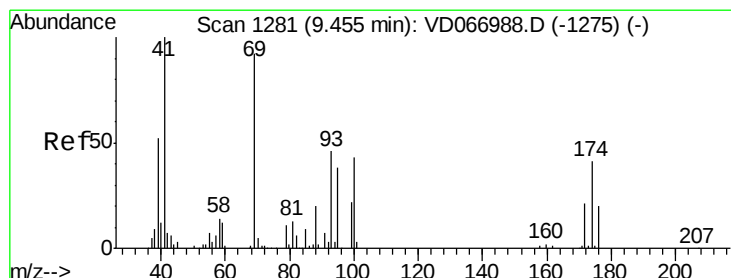
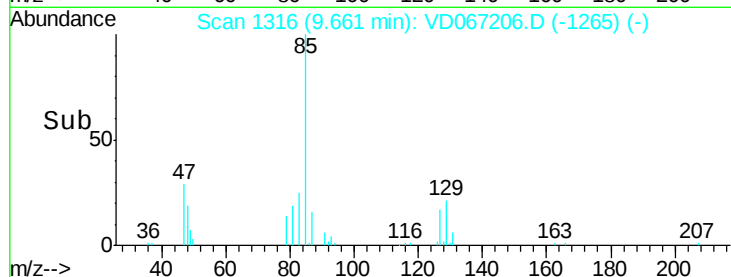
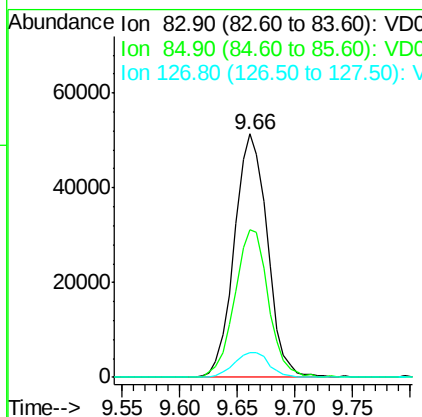
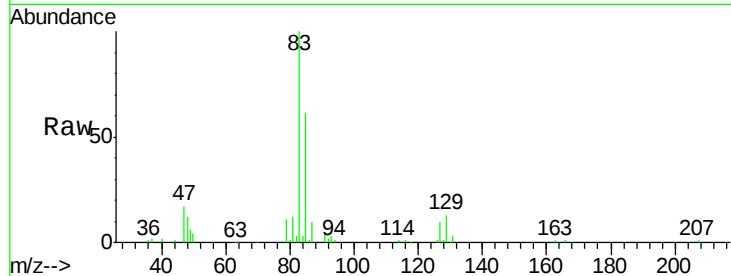
#47
Bromodichloromethane
Concen: 21.123 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion	83	Resp	101748
Ion Ratio	100	Lower	Upper
83	100		
85	60.7	52.9	79.3
127	10.2	7.3	10.9

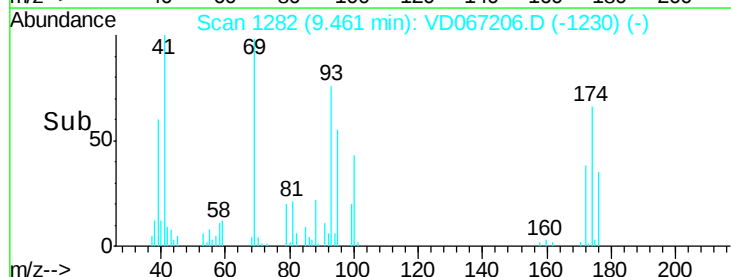
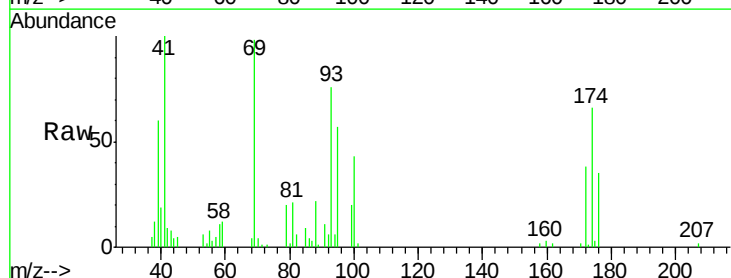
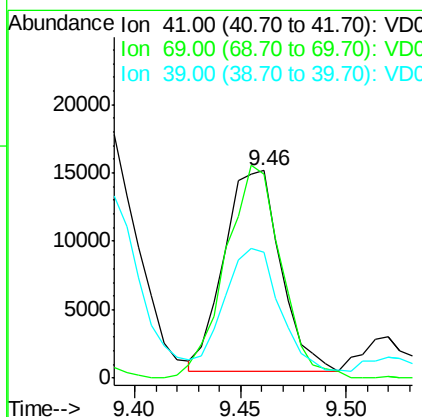
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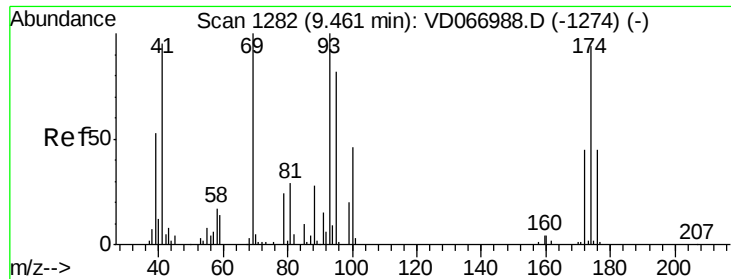
apatel
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#48
Methyl methacrylate
Concen: 16.814 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion	41	Resp	27158
Ion Ratio	100	Lower	Upper
41	100		
69	104.8	68.5	102.7#
39	68.6	40.2	60.2#





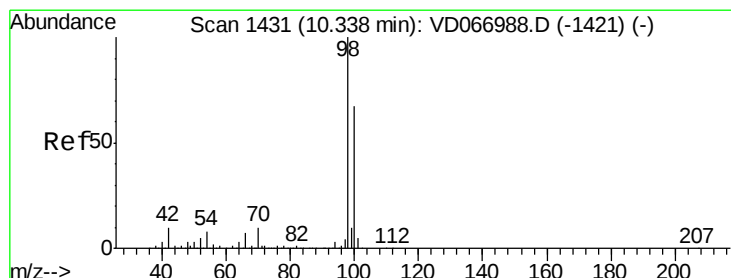
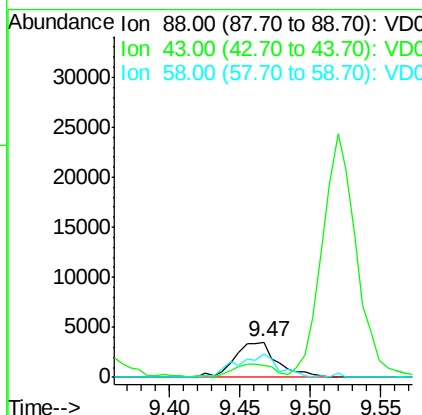
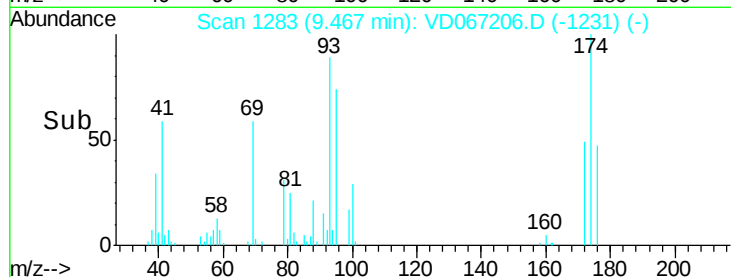
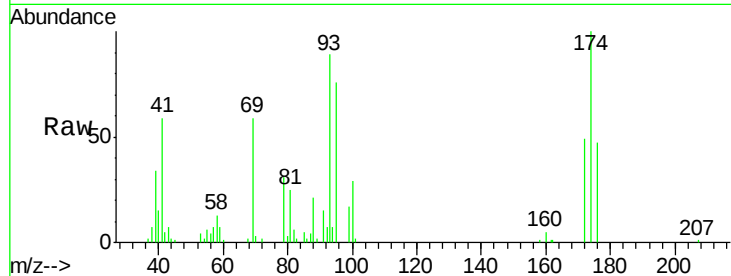
#49
1,4-Dioxane
Concen: 383.039 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.3	25.6	38.4
58	65.8	53.5	80.3

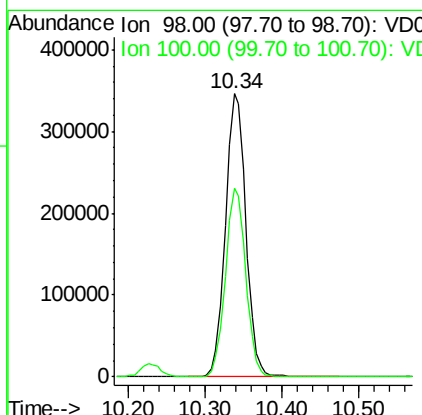
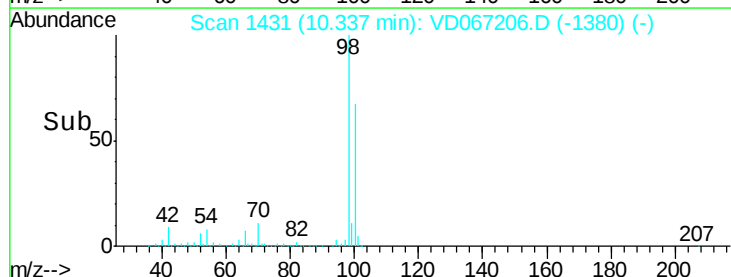
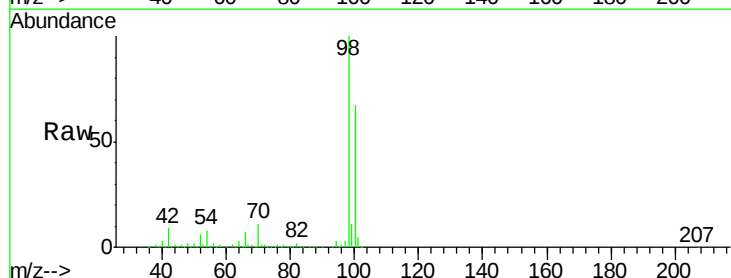
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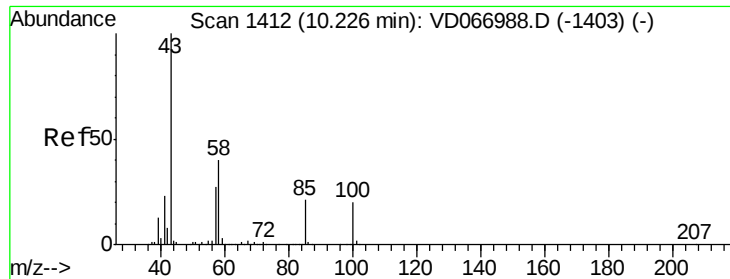
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#50
Toluene-d8
Concen: 50.713 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 89.431 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion: 43 Resp: 140444

Ion Ratio Lower Upper

43 100

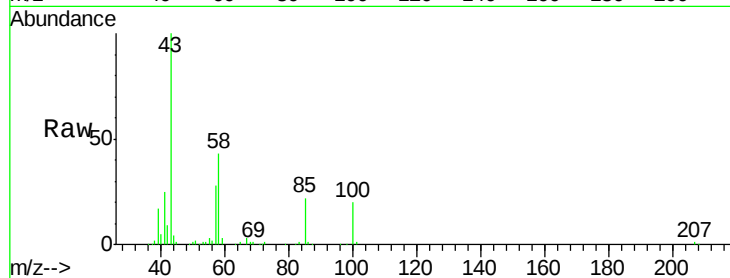
58 42.7 33.8 50.8

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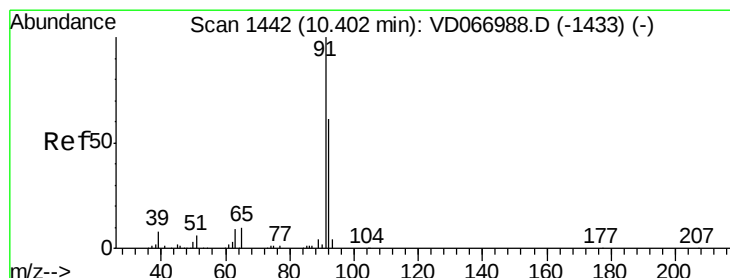
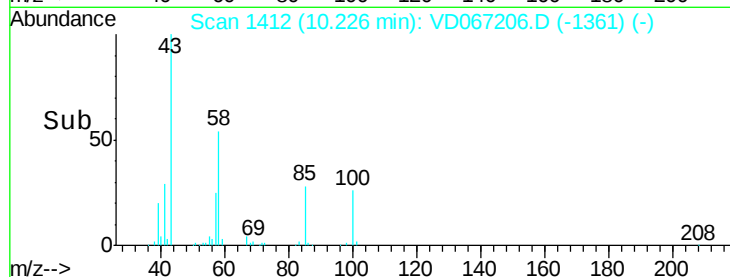
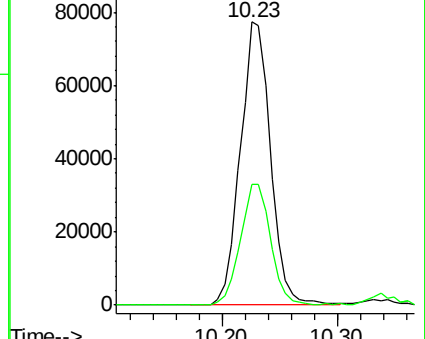
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 21.692 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD067206.D

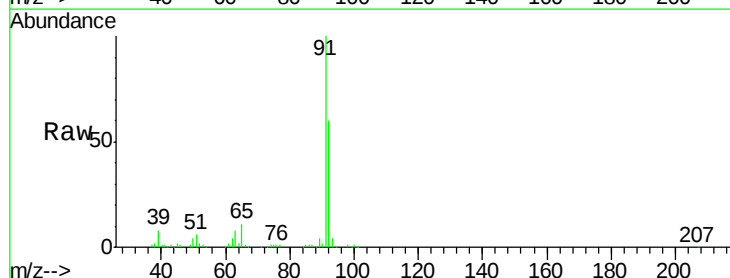
Acq: 09 Oct 2020 12:44

Tgt Ion: 92 Resp: 191745

Ion Ratio Lower Upper

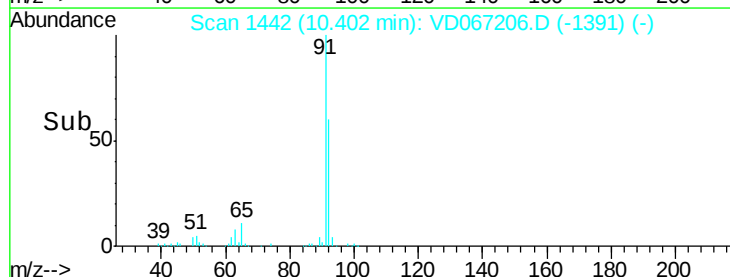
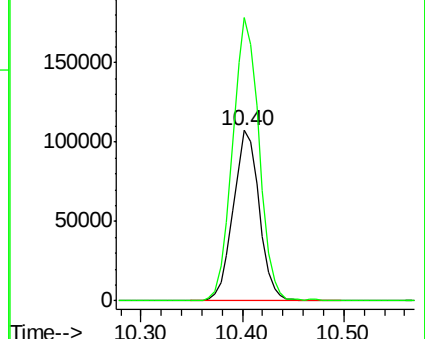
92 100

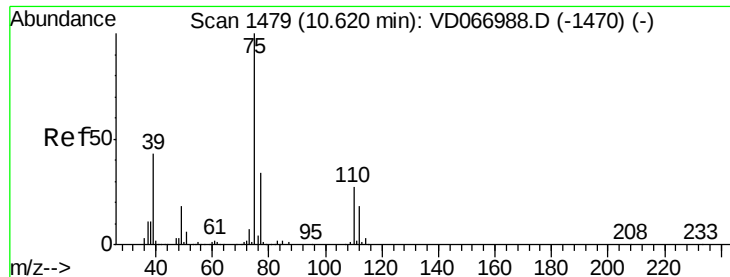
91 168.5 135.1 202.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





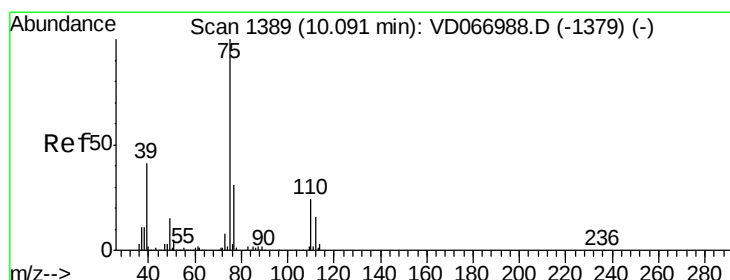
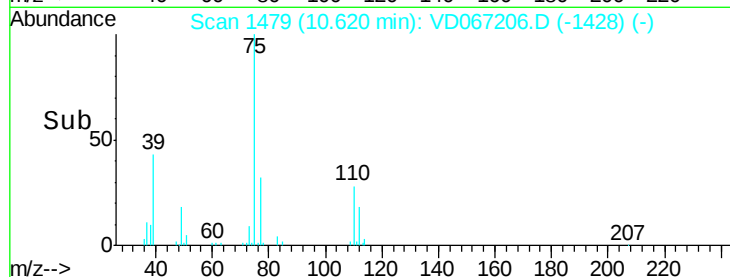
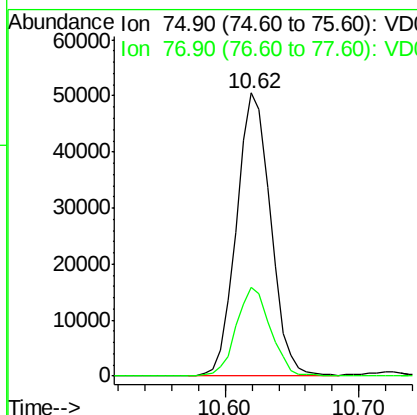
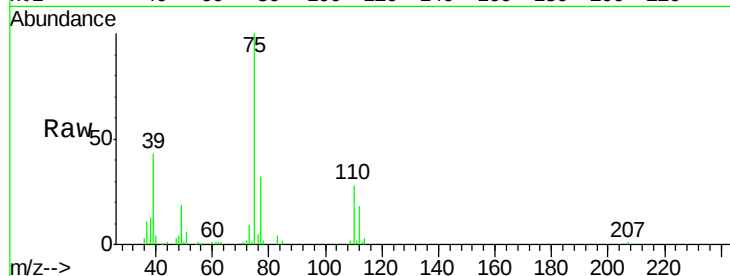
#53
t-1,3-Dichloropropene
Concen: 20.806 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion: 75 Resp: 89571
Ion Ratio Lower Upper
75 100
77 31.5 27.1 40.7

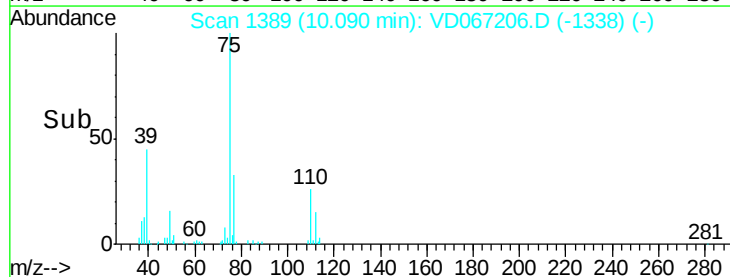
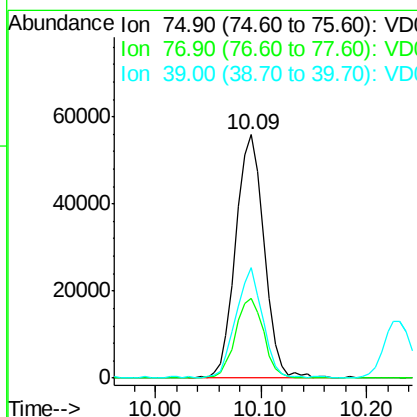
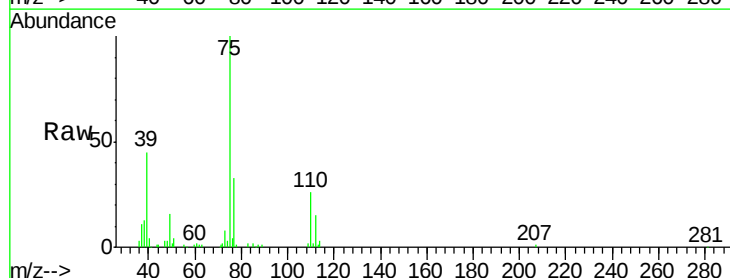
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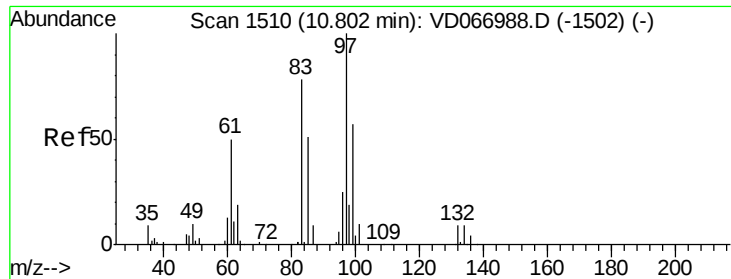
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#54
cis-1,3-Dichloropropene
Concen: 19.810 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion: 75 Resp: 104139
Ion Ratio Lower Upper
75 100
77 32.8 24.6 37.0
39 45.4 33.0 49.4





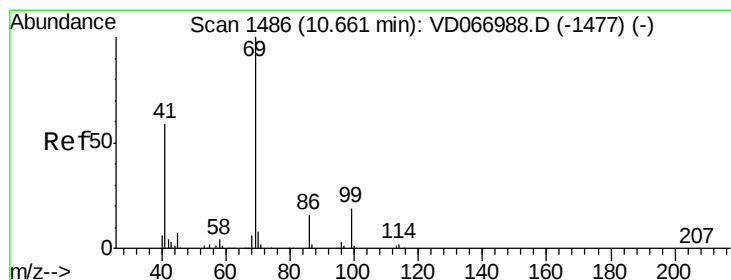
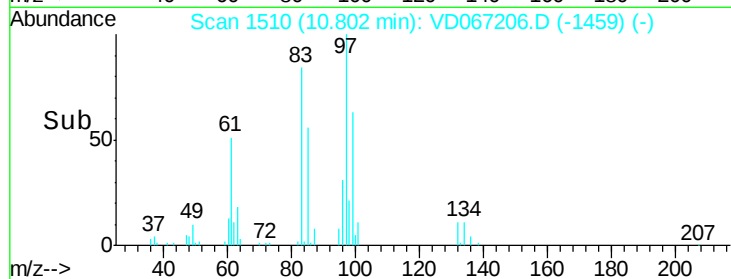
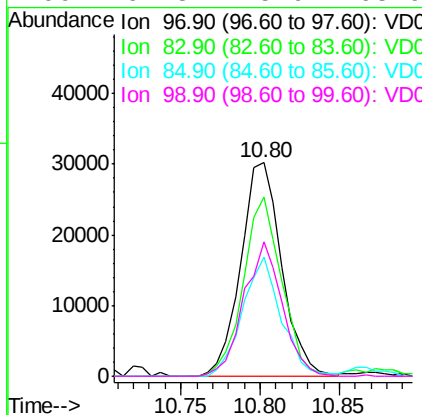
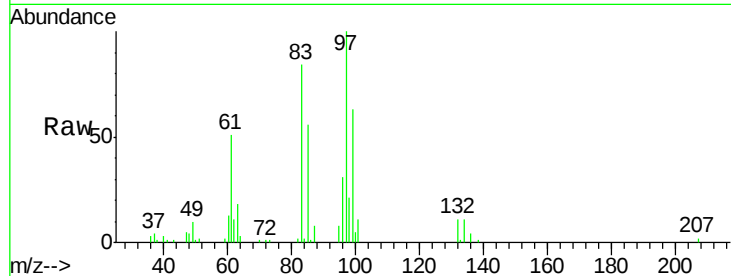
#55
 1,1,2-Trichloroethane
 Concen: 21.075 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Tot Ion:	97	Resp:	54297
Ion	Ratio	Lower	Upper
97	100		
83	84.2	62.4	93.6
85	55.6	41.0	61.4
99	62.8	45.9	68.9

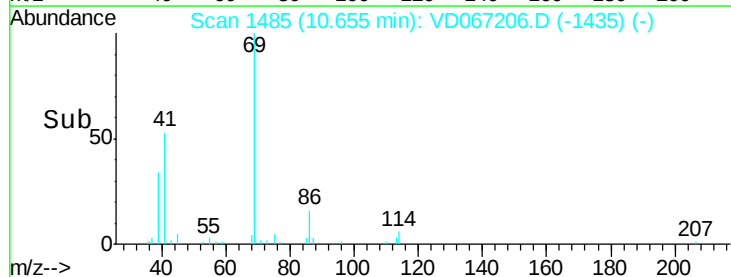
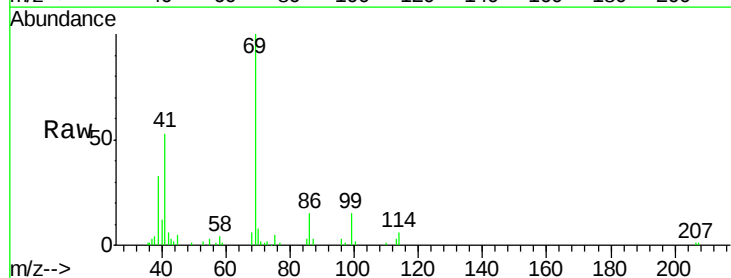
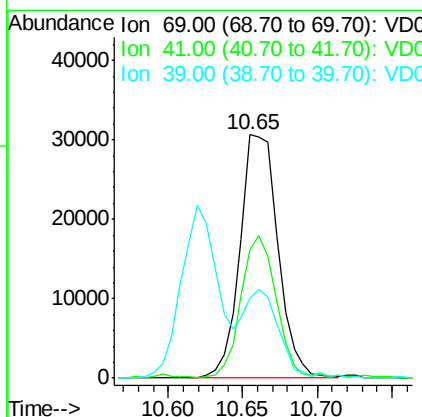
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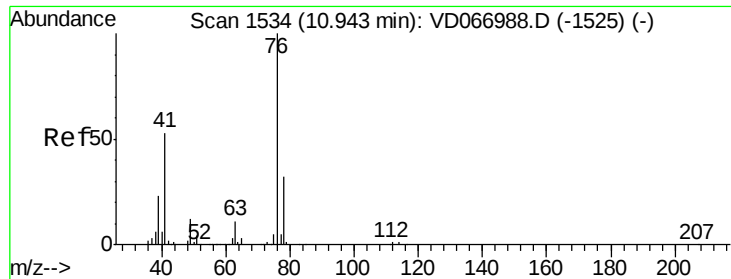
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#56
 Ethyl methacrylate
 Concen: 20.387 ug/l
 RT: 10.65 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion:	69	Resp:	54227
Ion	Ratio	Lower	Upper
69	100		
41	54.1	46.4	69.6
39	34.7	23.8	35.6





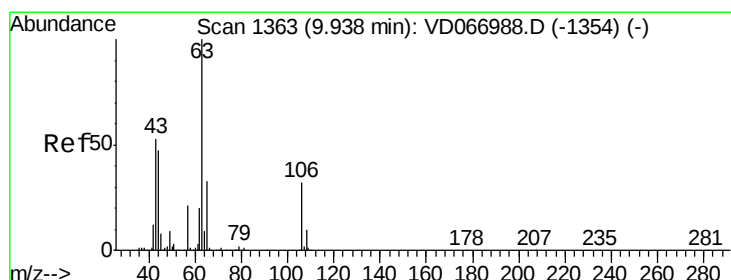
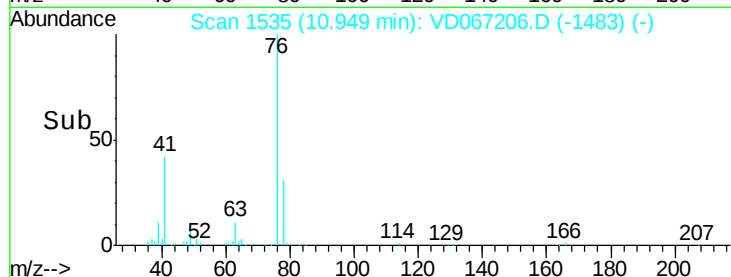
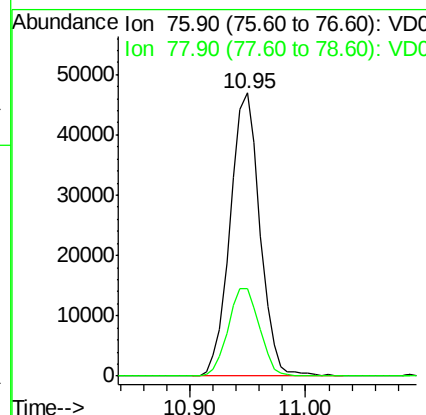
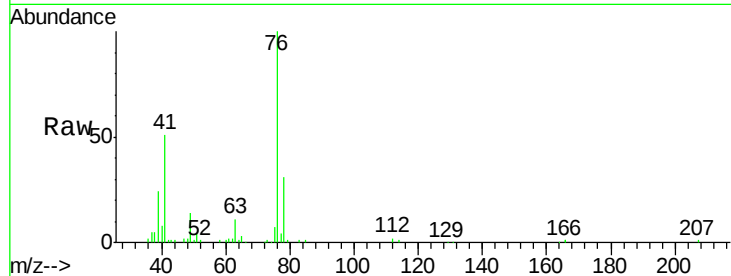
#57
 1,3-Dichloropropane
 Concen: 20.108 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Tot Ion: 76 Resp: 84008
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8

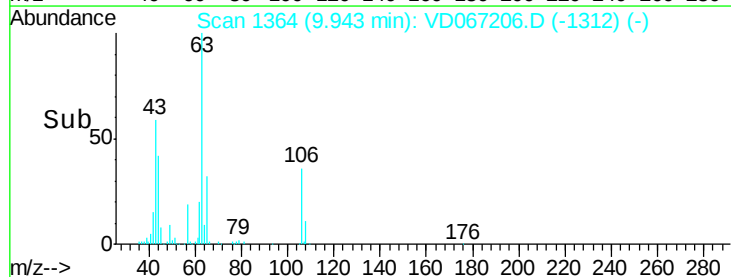
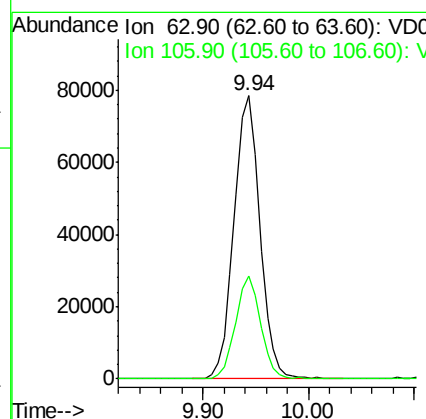
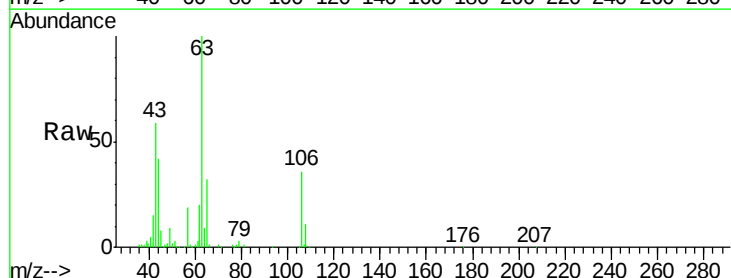
Manual Integrations
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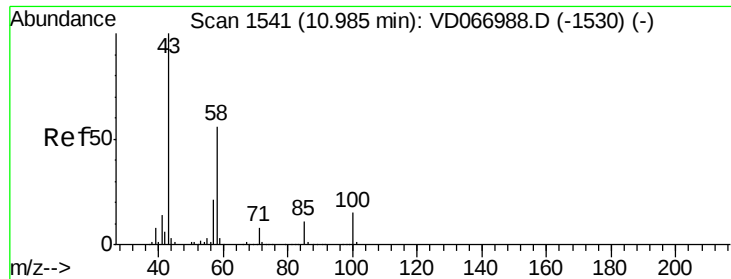
apatel
 10/12/2020 10:42:27 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.387 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion: 63 Resp: 133813
 Ion Ratio Lower Upper
 63 100
 106 34.9 25.3 37.9





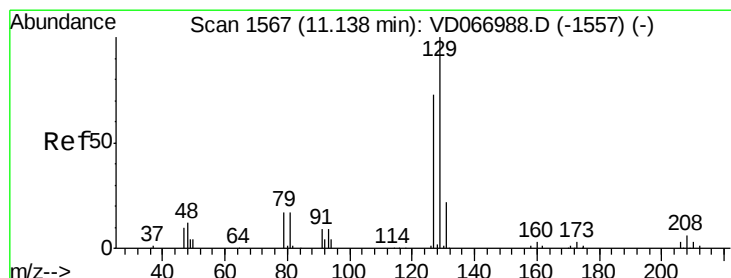
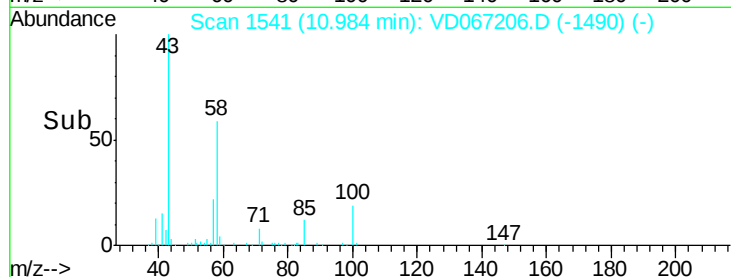
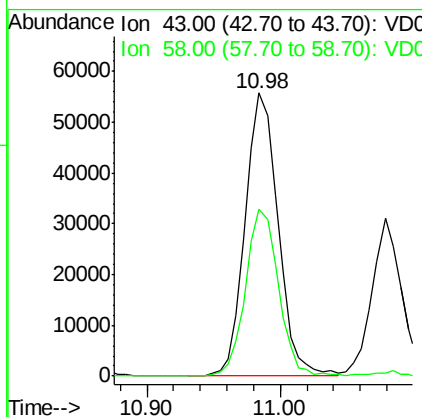
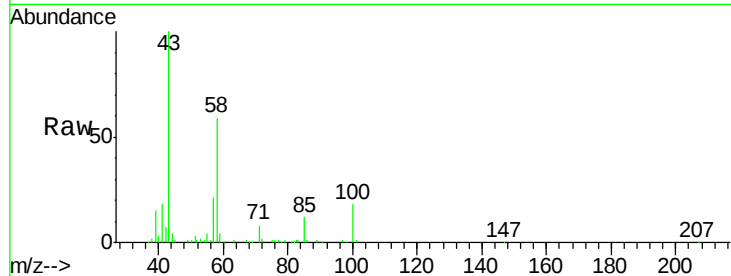
#59
2-Hexanone
Concen: 90.728 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion: 43 Resp: 95098
Ion Ratio Lower Upper
43 100
58 59.0 28.3 84.9

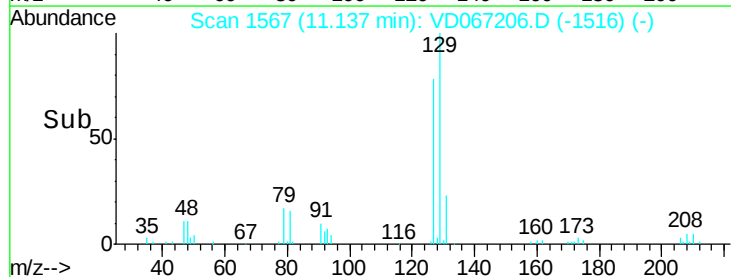
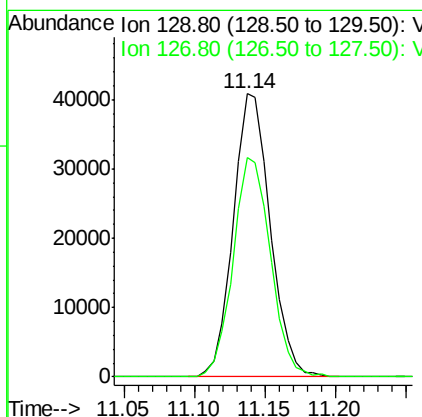
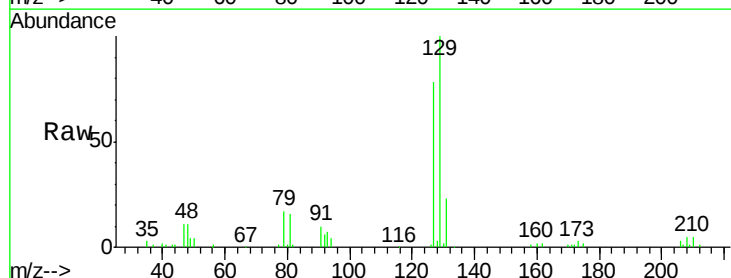
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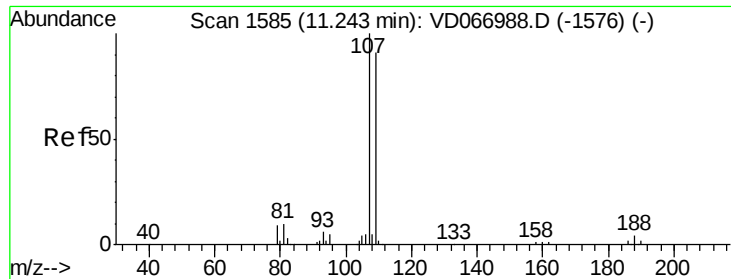
apatel
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#60
Dibromochloromethane
Concen: 21.778 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion: 129 Resp: 74780
Ion Ratio Lower Upper
129 100
127 78.0 37.4 112.1





#61

1,2-Dibromoethane

Concen: 20.806 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion: 107 Resp: 51498

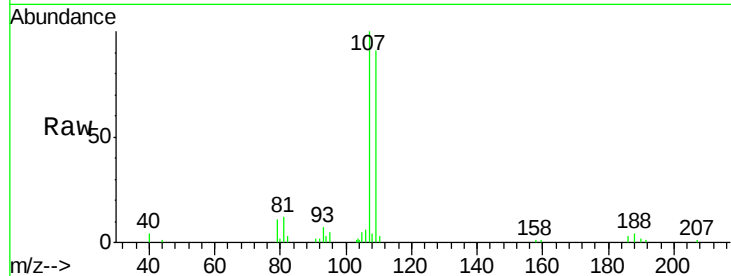
Ion Ratio Lower Upper

107 100

109 95.7 74.0 111.0

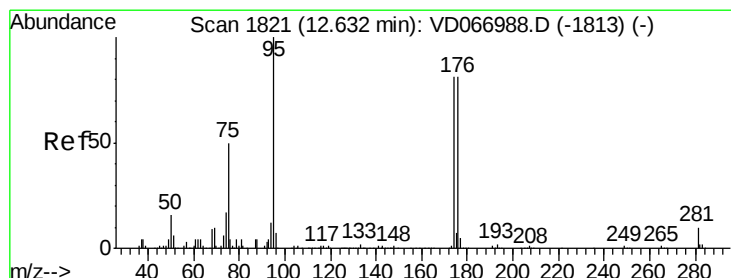
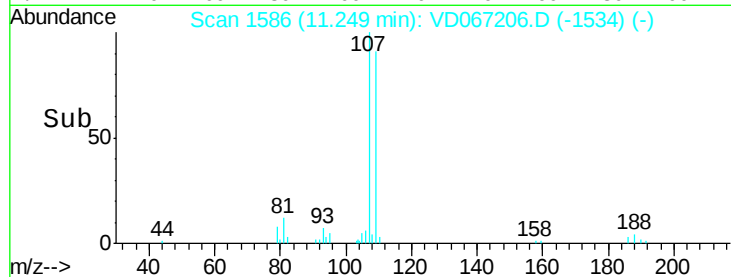
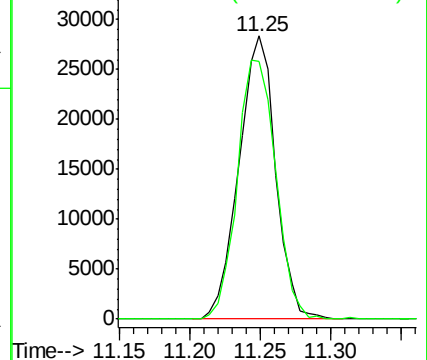
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.729 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

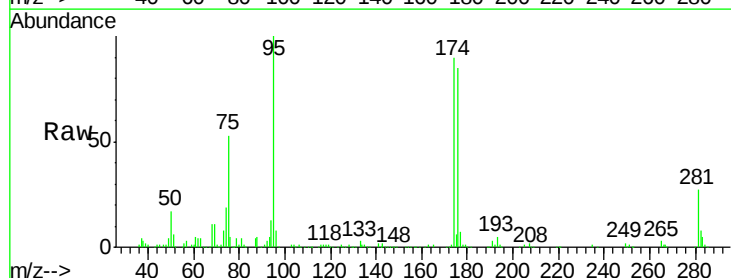
Tgt Ion: 95 Resp: 230618

Ion Ratio Lower Upper

95 100

174 84.7 0.0 167.6

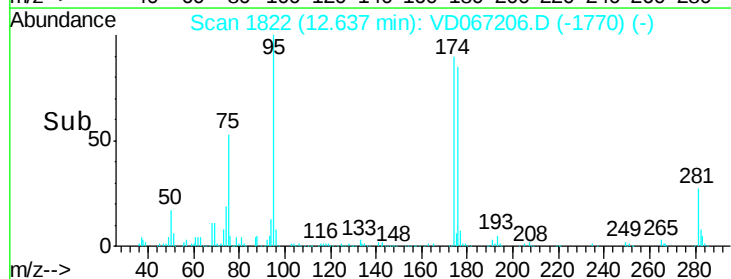
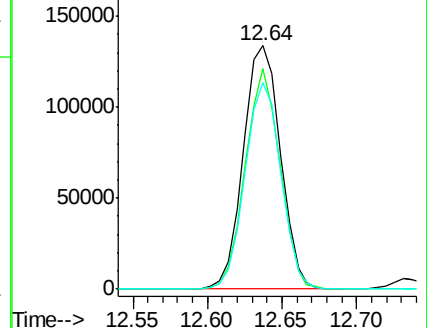
176 82.0 0.0 162.4

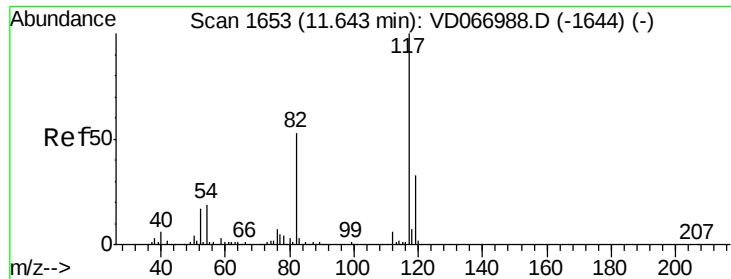


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





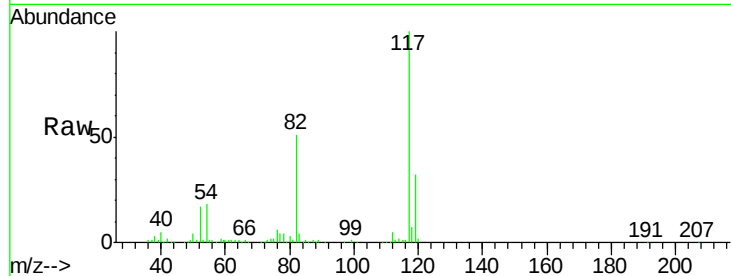
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	492260		
82	50.8	42.6	63.8	
119	31.8	26.3	39.5	

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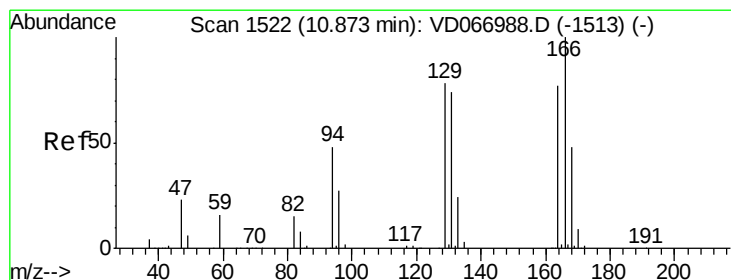
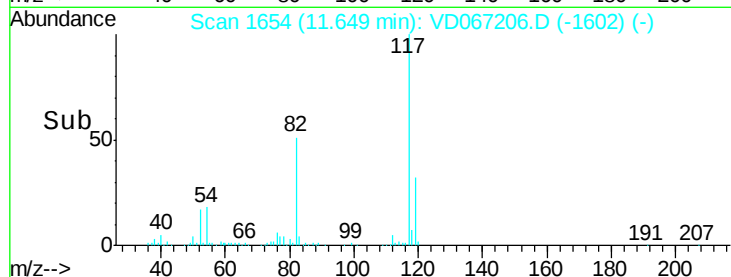
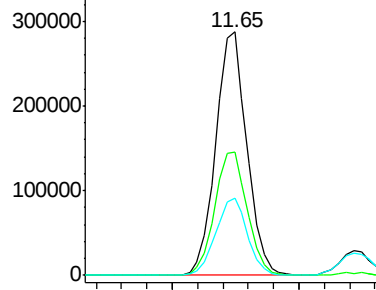


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.802 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	78024		
166	120.5	104.4	156.6	
129	84.7	81.3	121.9	
131	84.4	77.1	115.7	

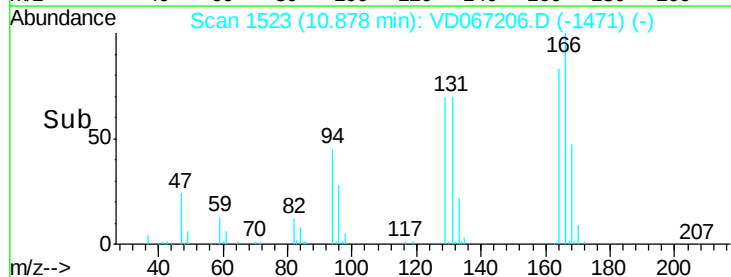
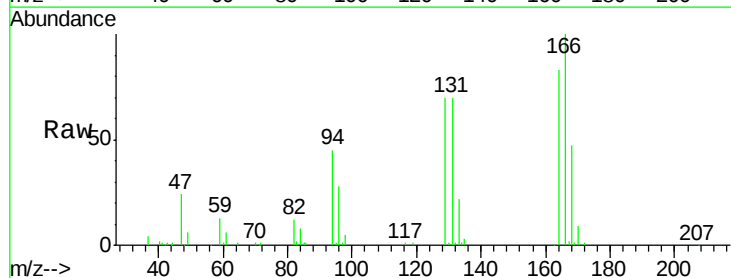
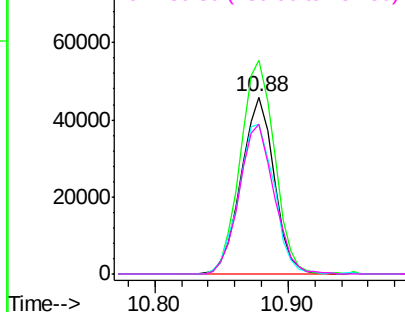
Abundance

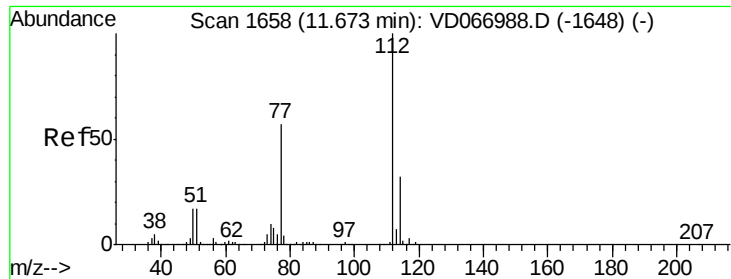
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





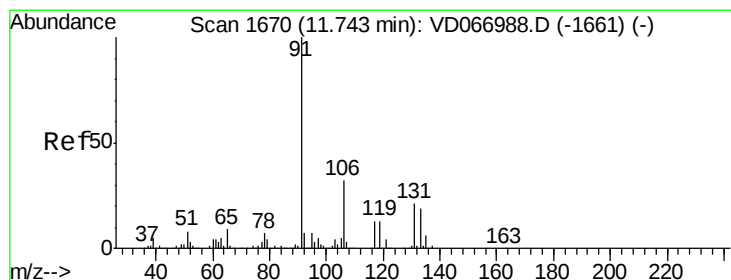
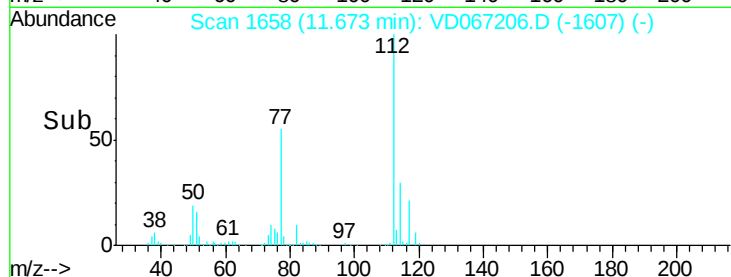
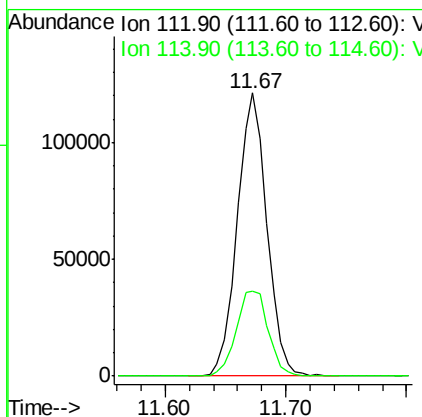
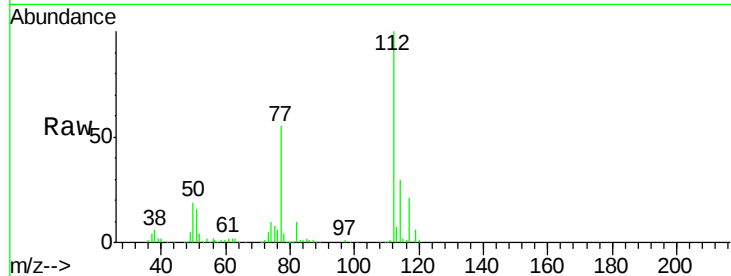
#65
Chlorobenzene
Concen: 21.152 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.2	25.4	38.0

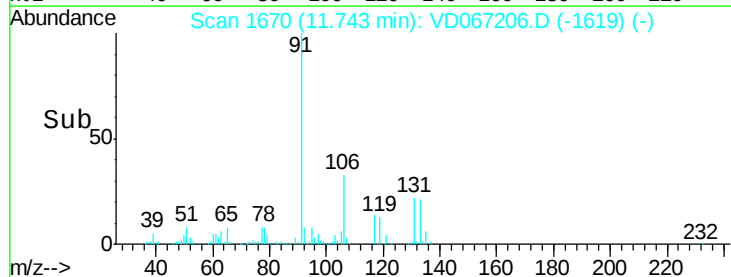
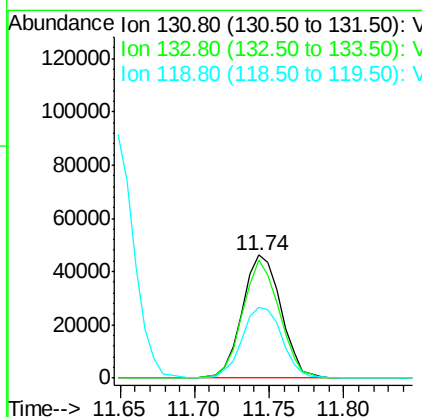
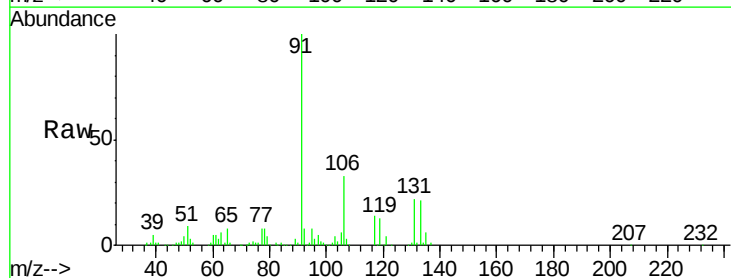
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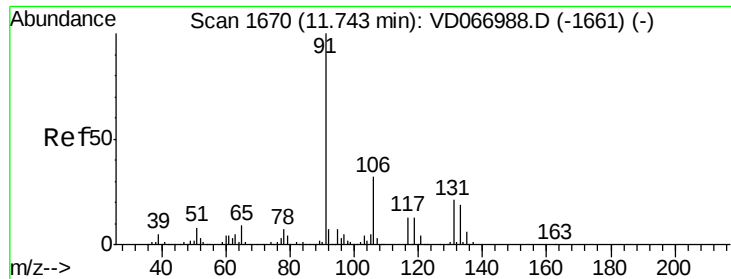
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.303 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	91.6	47.8	143.3
119	59.5	32.3	96.8





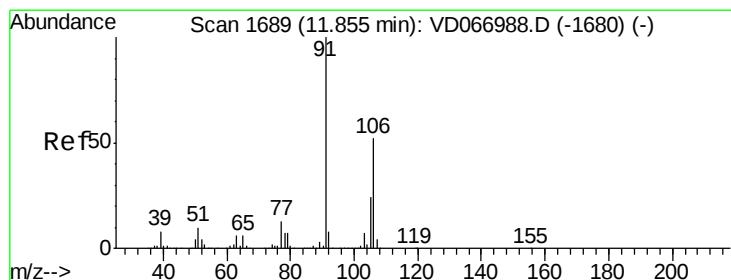
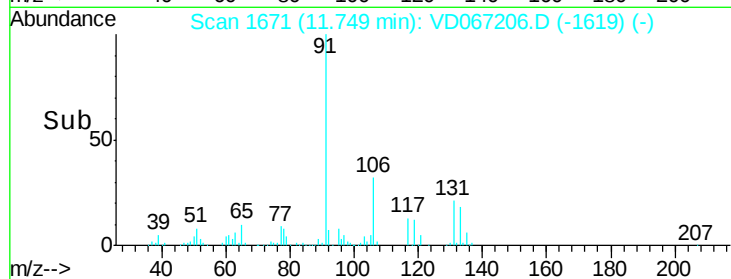
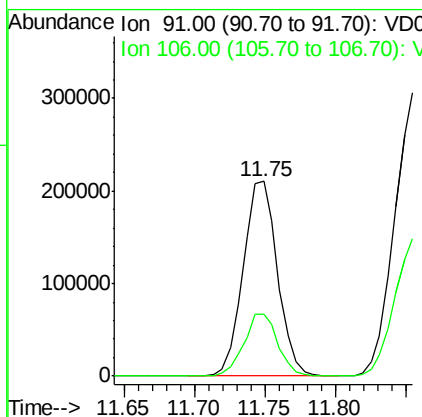
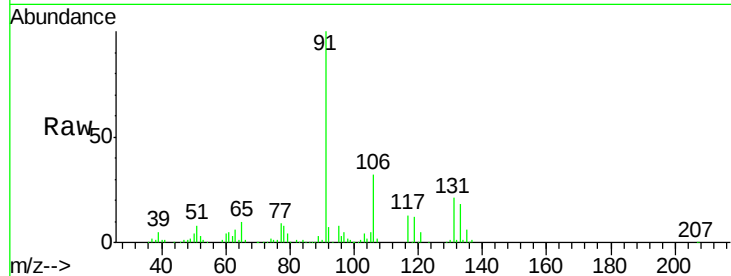
#67
Ethyl Benzene
Concen: 21.443 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion: 91 Resp: 359701
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.2

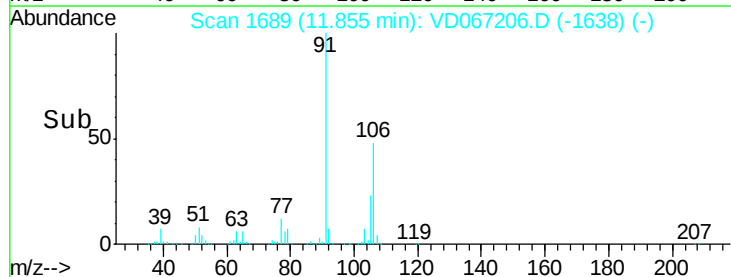
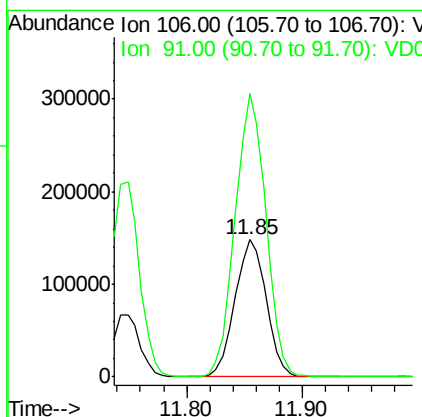
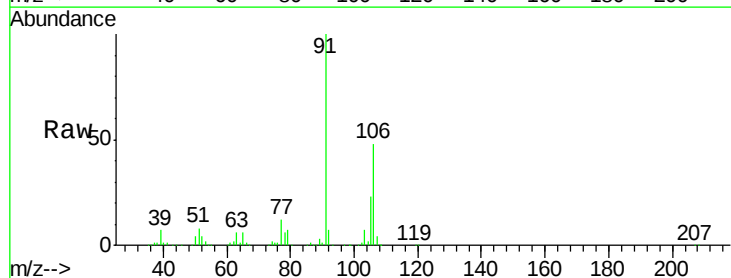
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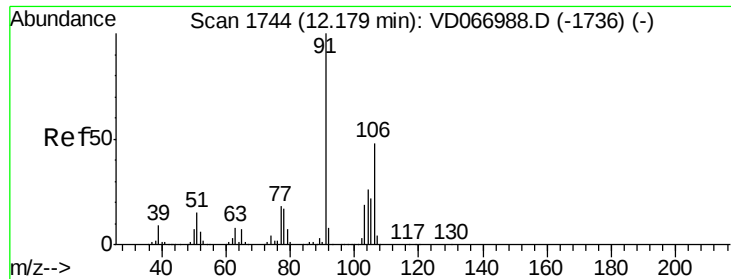
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#68
m/p-Xylenes
Concen: 42.547 ug/l
RT: 11.85 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion: 106 Resp: 278148
Ion Ratio Lower Upper
106 100
91 203.9 158.4 237.6





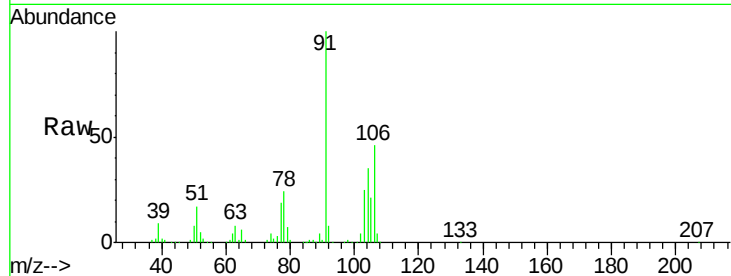
#69
o-Xylene
Concen: 21.170 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

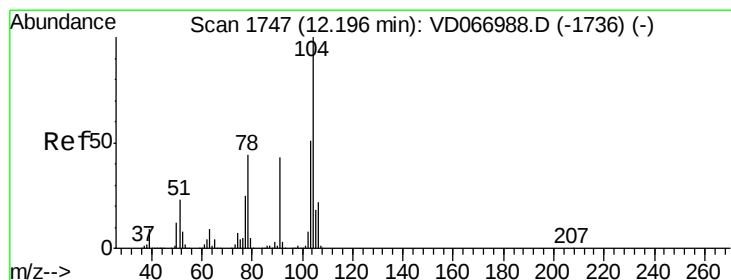
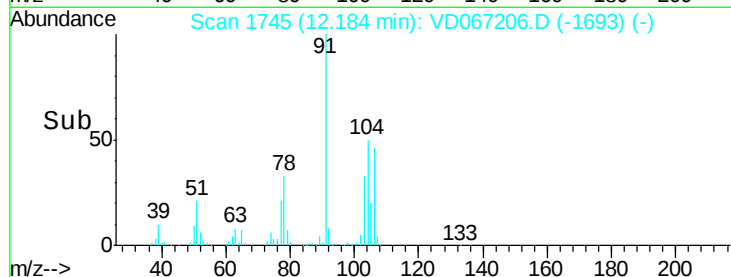
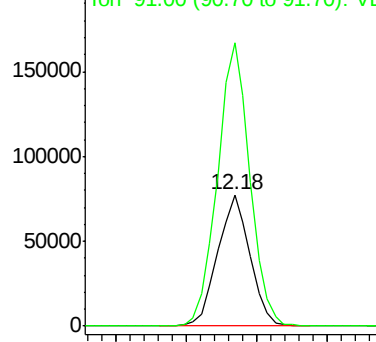
Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	216.5	102.4	123759	307.2	

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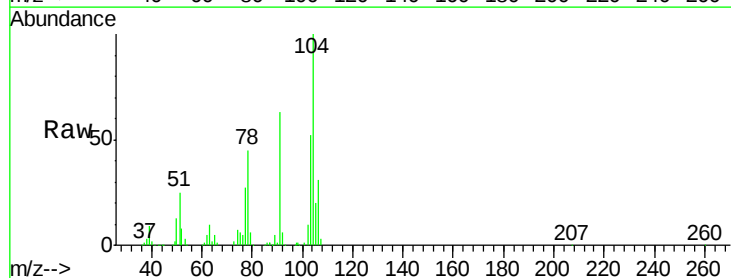


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

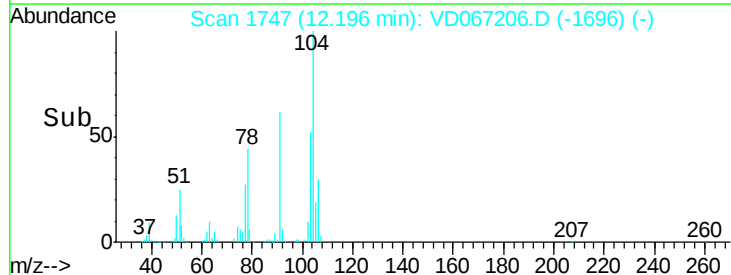
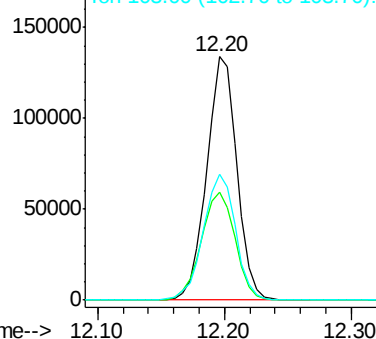


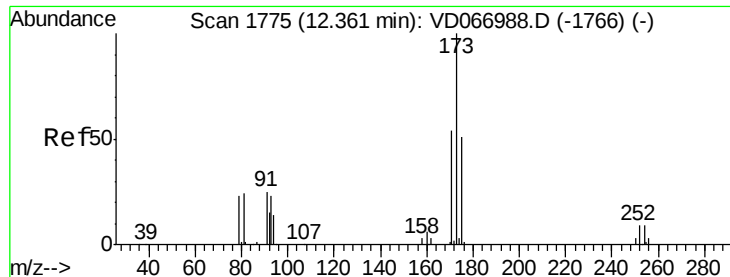
#70
Styrene
Concen: 21.976 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	49.8	38.6	220612	58.0	
103	55.0	43.4		65.0	



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





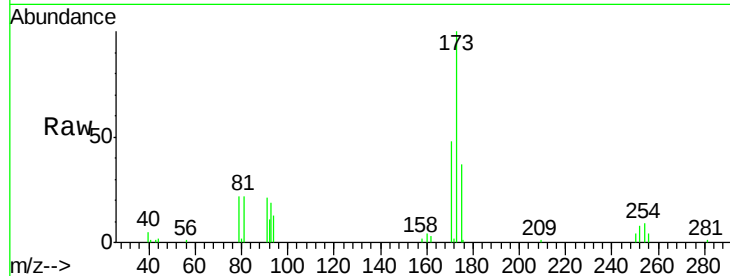
#71
Bromoform
Concen: 22.574 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

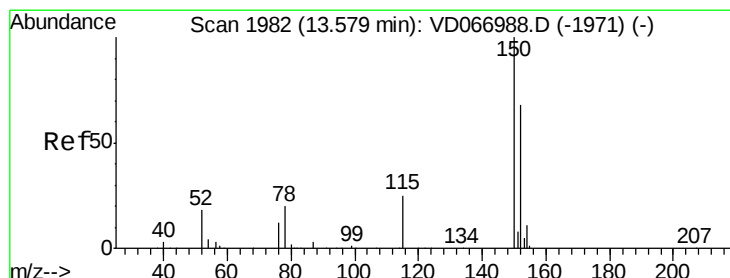
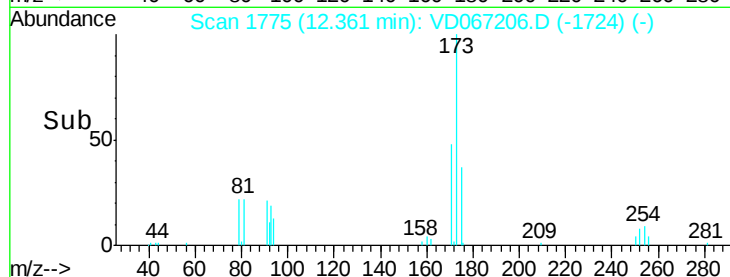
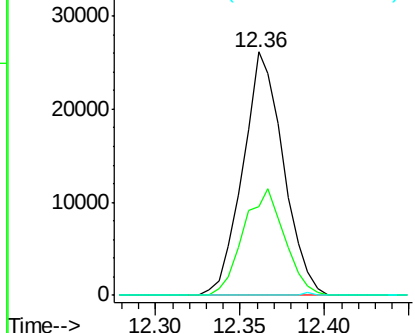
Tot Ion	Ratio	Lower	Upper
173	100		
175	44.7	24.9	74.7
254	0.0	0.2	0.4

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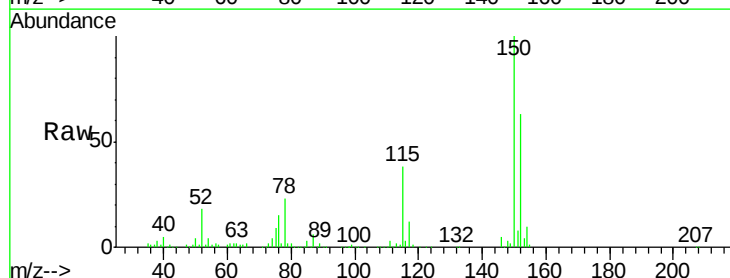


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

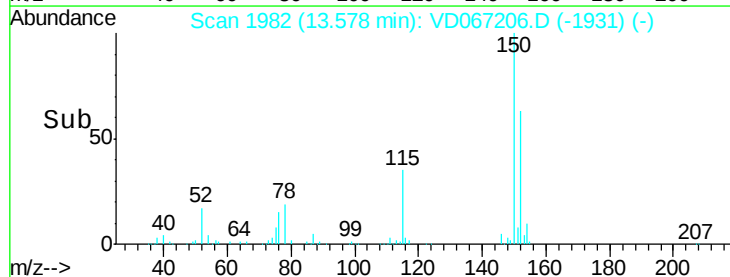
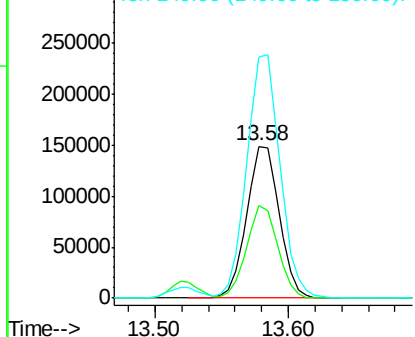


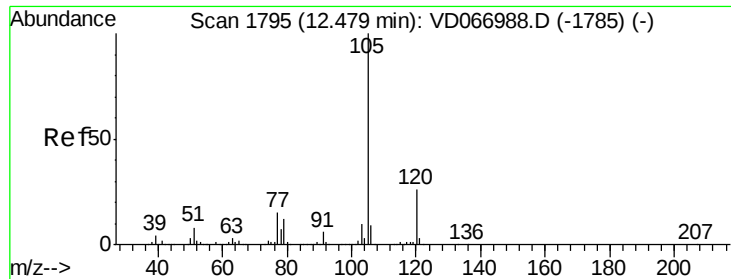
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.6	88.8
150	164.0	0.0	344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.738 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

Tot Ion: 105 Resp: 352264

Ion Ratio Lower Upper

105 100

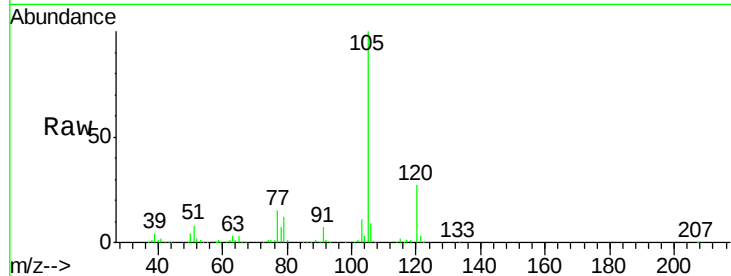
120 27.3 13.3 39.9

Manual Integrations

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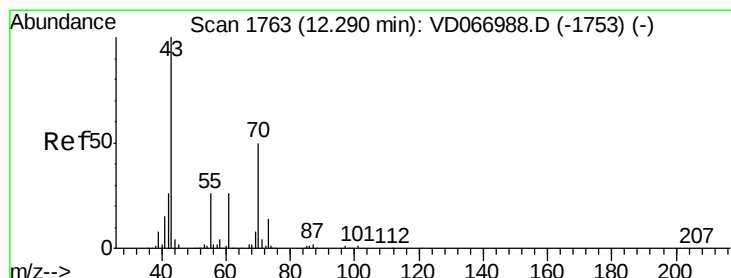
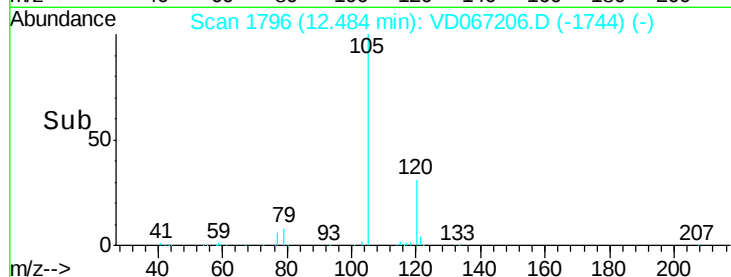
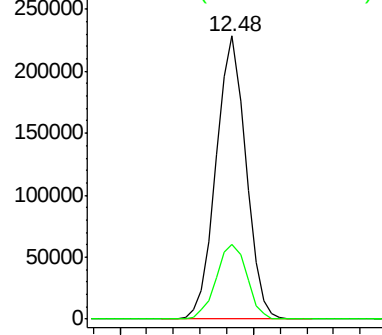
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.748 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Tgt Ion: 43 Resp: 51140

Ion Ratio Lower Upper

43 100

70 54.7 38.2 57.2

55 31.1 22.4 33.6

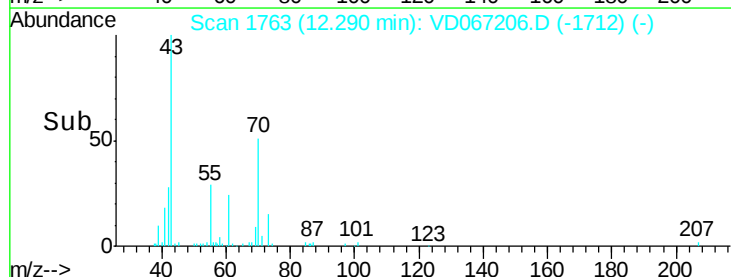
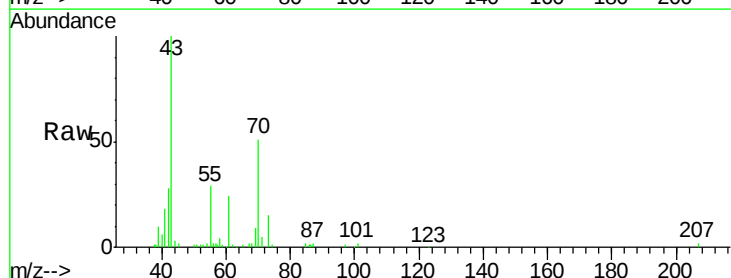
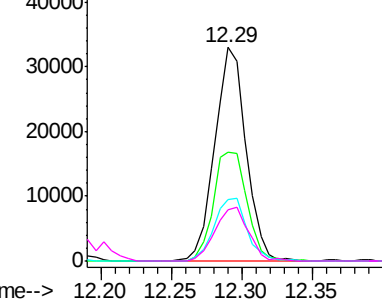
61 27.0 20.6 31.0

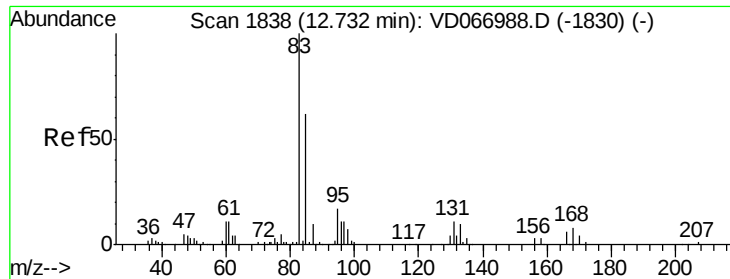
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 17.442 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

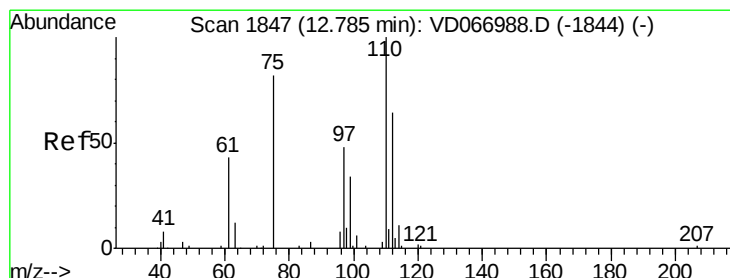
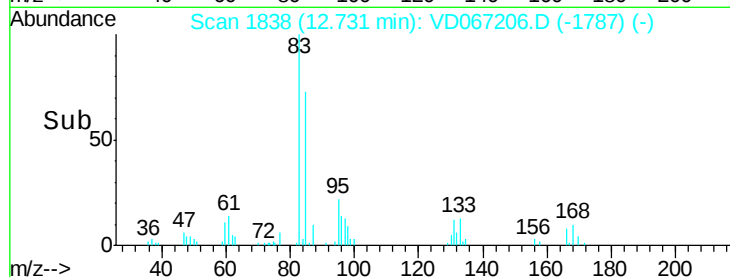
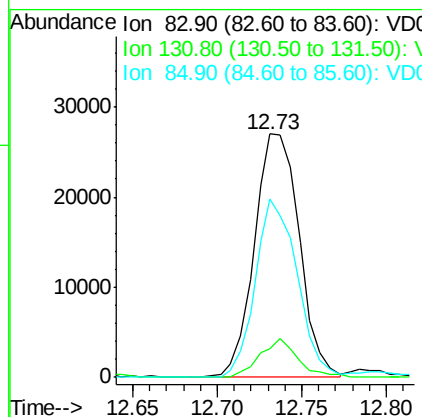
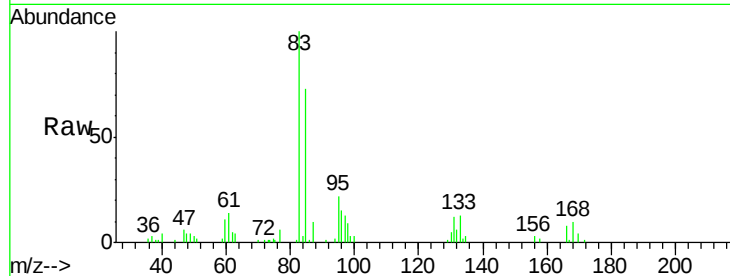
ClientSampleId :

VD1009SBS01

Tot Ion	83	Resp	49919
Ion Ratio	100	Lower	Upper
83	100		
131	13.5	5.7	17.0
85	68.5	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 17.327 ug/l m

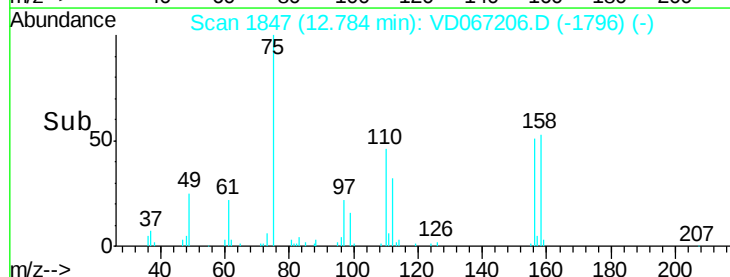
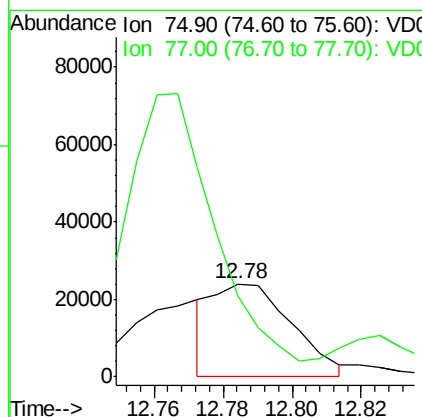
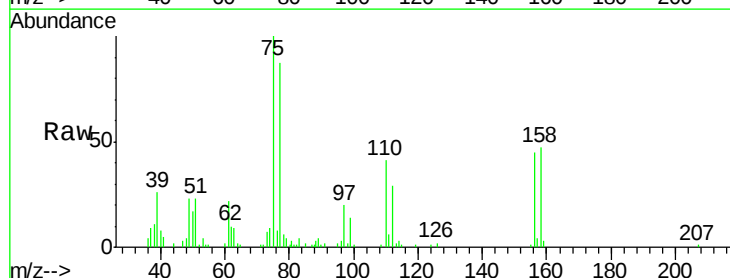
RT: 12.78 min Scan# 1847

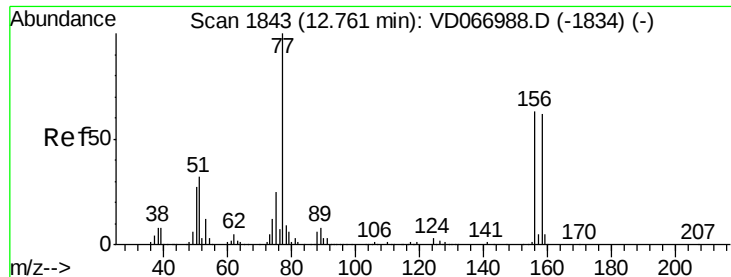
Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Tgt Ion	75	Resp	37756
Ion Ratio	100	Lower	Upper
75	100		
77	363.4	0.0	0.0#





#77

Bromobenzene

Concen: 21.434 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

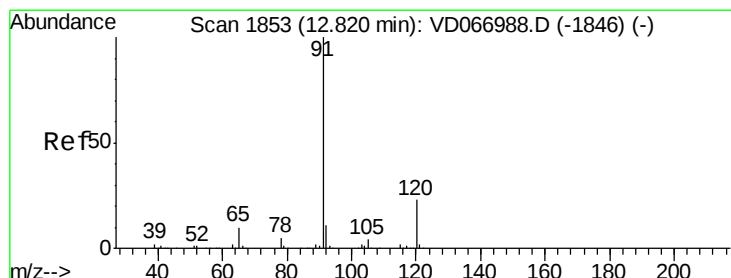
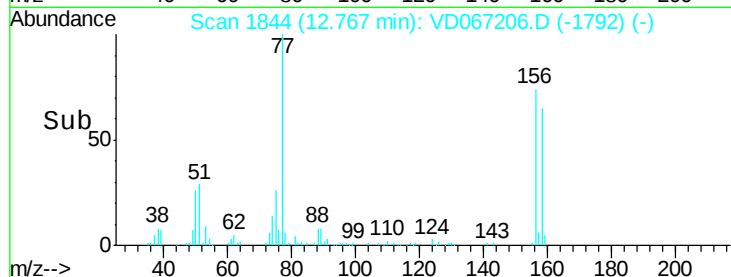
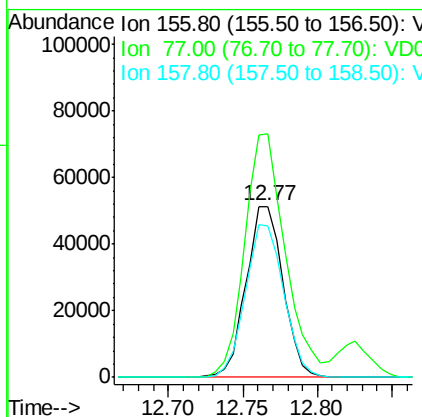
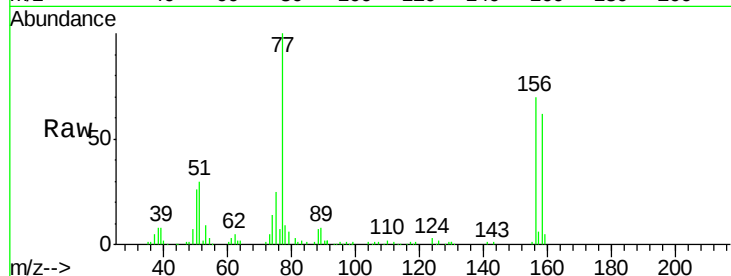
ClientSampleId :

VD1009SBS01

Tot Ion:156 Resp: 87913
 Ion Ratio Lower Upper
 156 100
 77 156.1 86.3 258.8
 158 92.6 49.5 148.3

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#78

n-propylbenzene

Concen: 20.810 ug/l

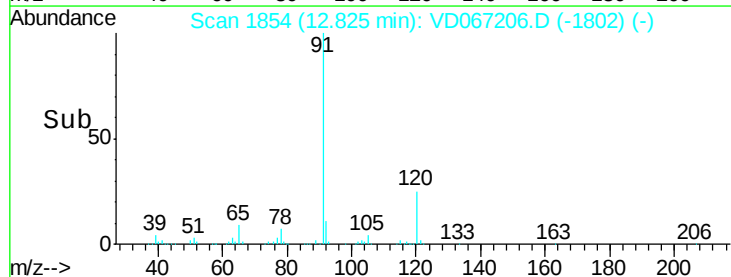
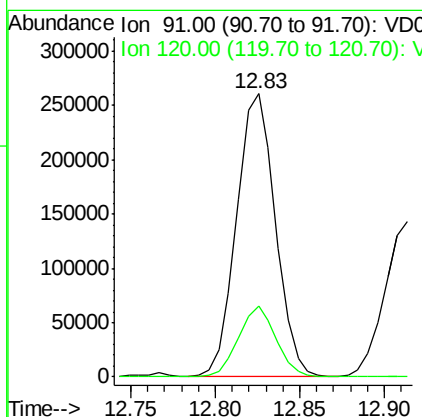
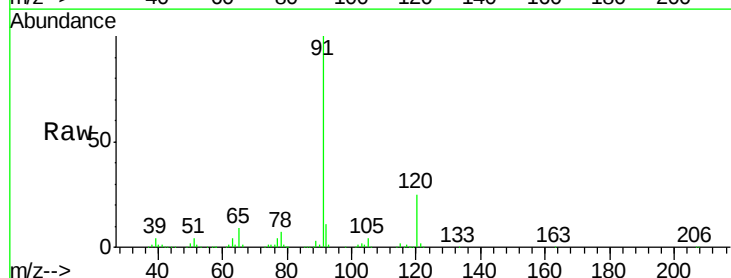
RT: 12.83 min Scan# 1854

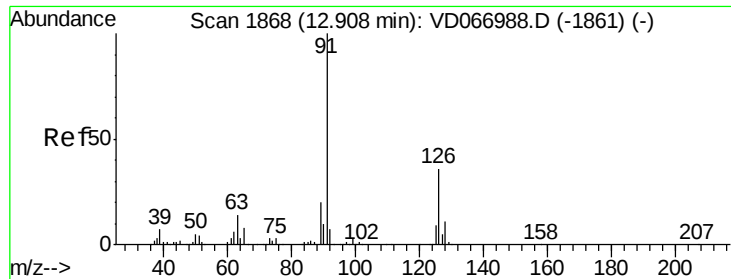
Delta R.T. 0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Tgt Ion: 91 Resp: 417751
 Ion Ratio Lower Upper
 91 100
 120 24.0 11.6 34.8





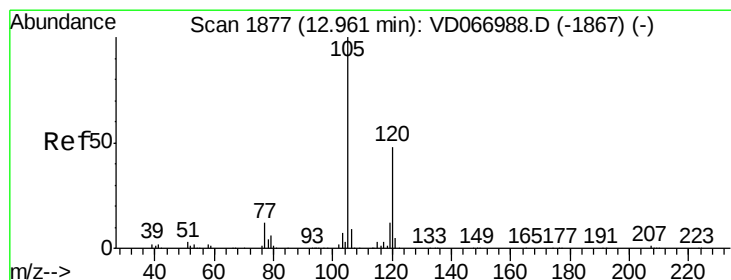
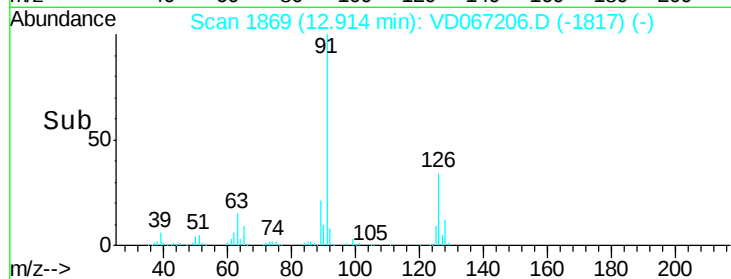
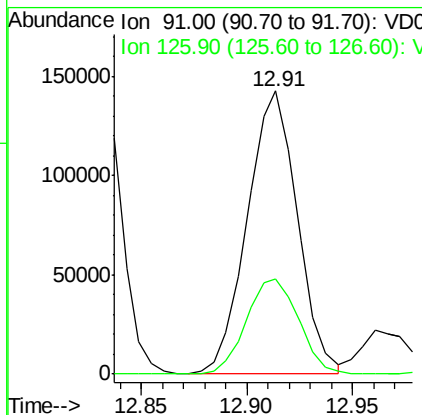
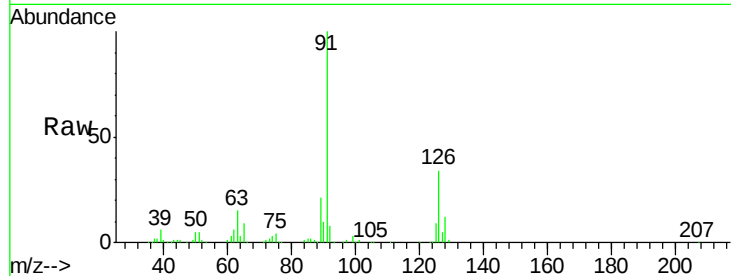
#79
2-Chlorotoluene
Concen: 20.431 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion: 91 Resp: 234660
Ion Ratio Lower Upper
91 100
126 35.3 17.5 52.6

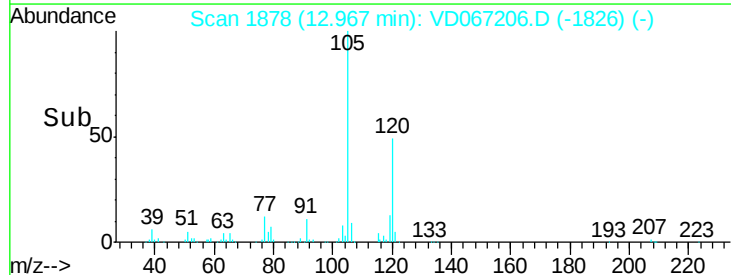
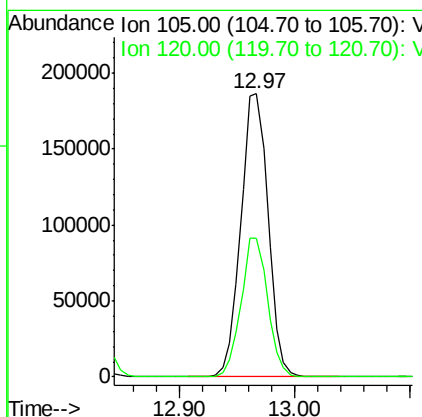
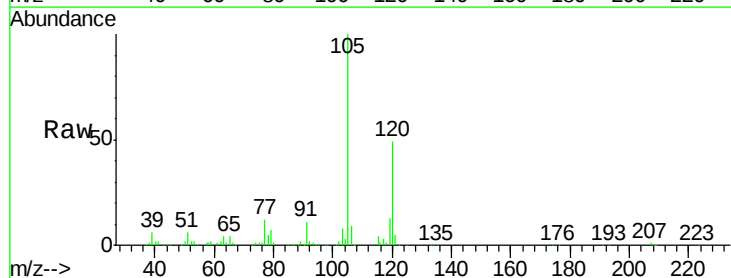
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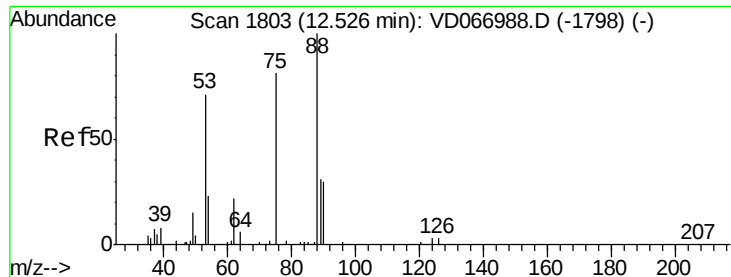
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#80
1,3,5-Trimethylbenzene
Concen: 21.369 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion: 105 Resp: 306667
Ion Ratio Lower Upper
105 100
120 48.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.056 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

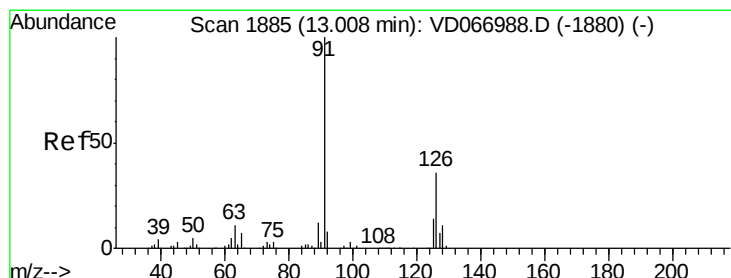
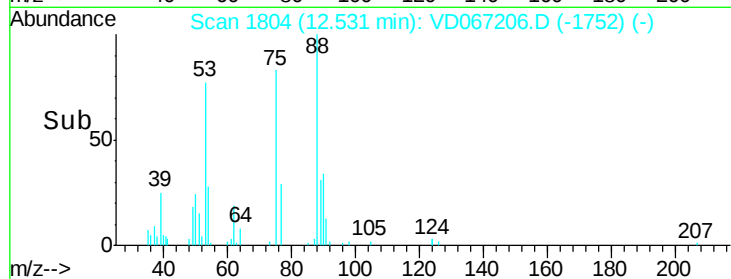
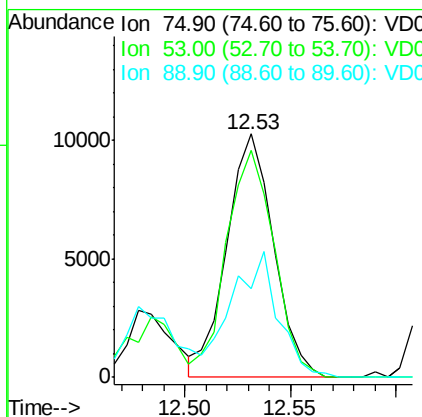
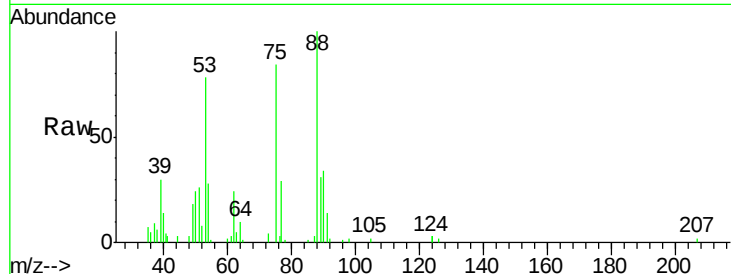
ClientSampleId :

VD1009SBS01

Tot Ion:	75	Resp:	15781
Ion Ratio	Lower	Upper	
75	100		
53	95.0	73.8	110.6
89	51.3	38.9	58.3

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#82

4-Chlorotoluene

Concen: 20.761 ug/l

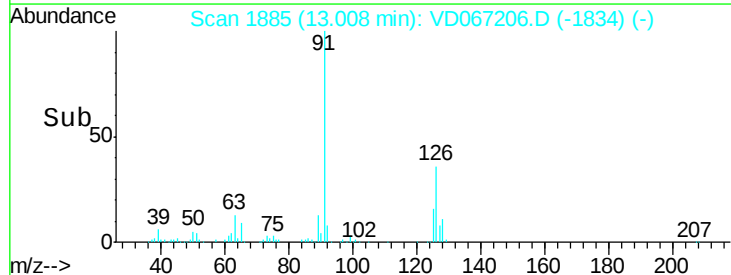
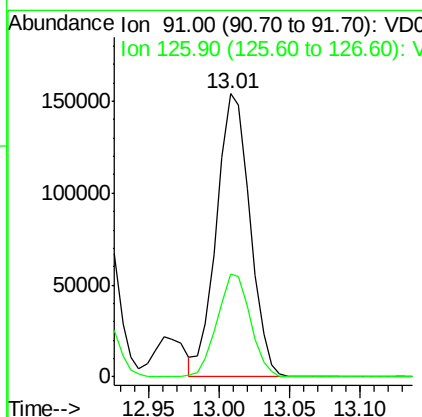
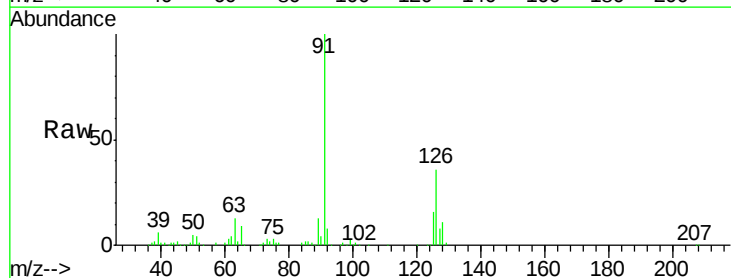
RT: 13.01 min Scan# 1885

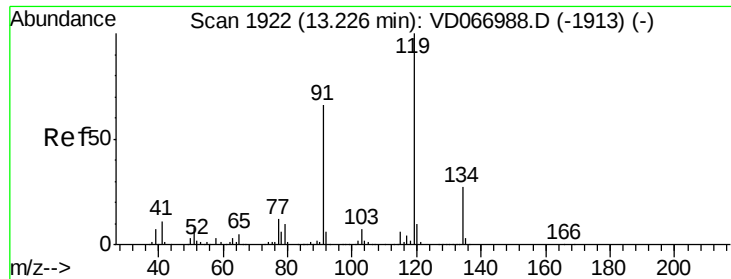
Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Tgt Ion:	91	Resp:	253706
Ion Ratio	Lower	Upper	
91	100		
126	36.0	17.5	52.5





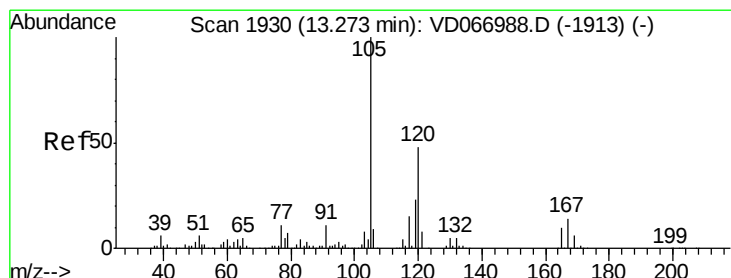
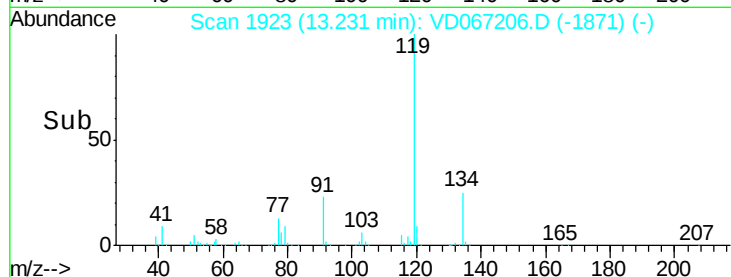
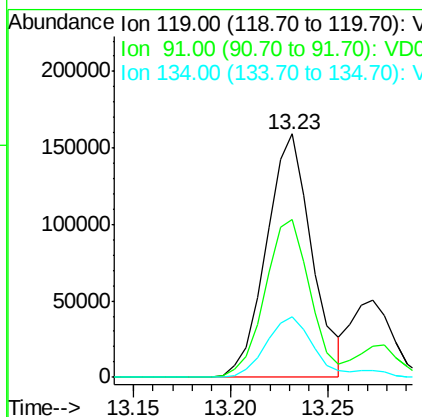
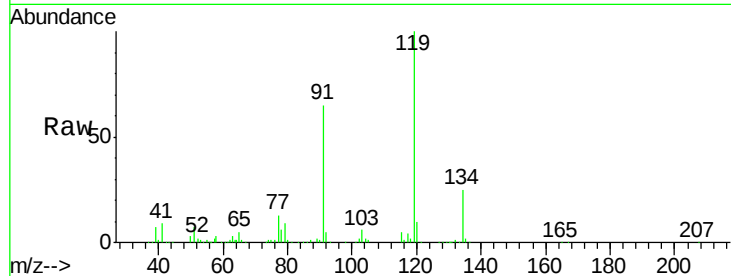
#83
tert-Butylbenzene
Concen: 21.217 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	256413		
91	64.4	32.8	98.3	
134	25.5	13.9	41.7	

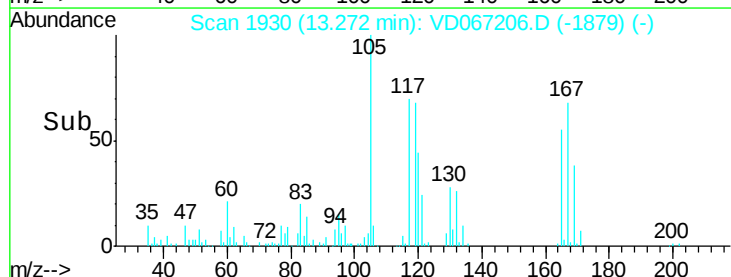
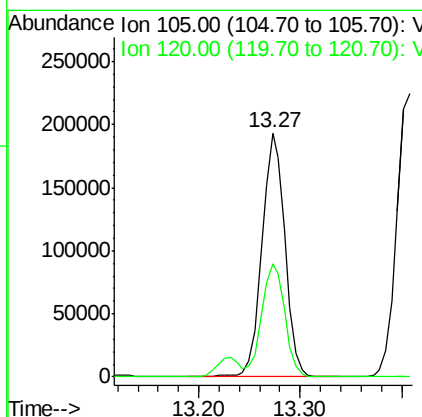
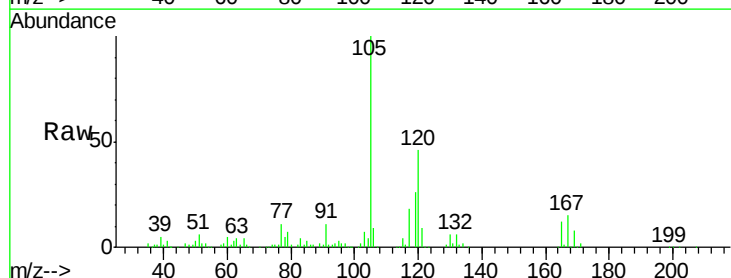
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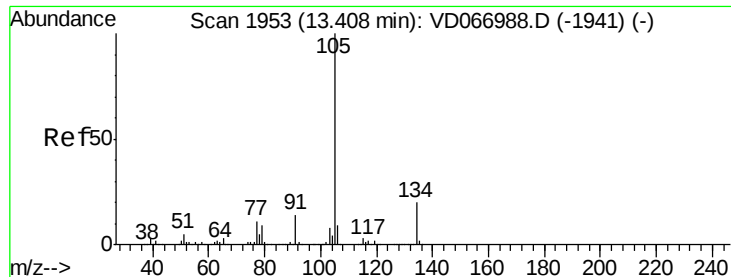
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#84
1,2,4-Trimethylbenzene
Concen: 21.307 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	305165		
120	46.8	23.3	69.8	





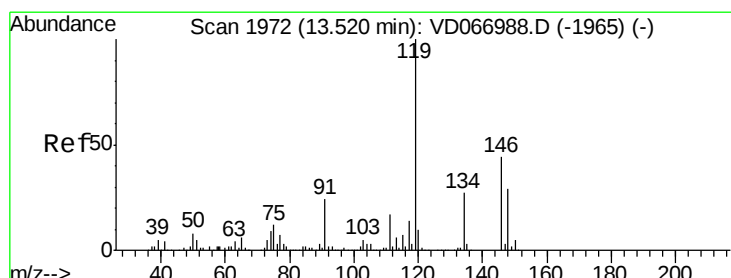
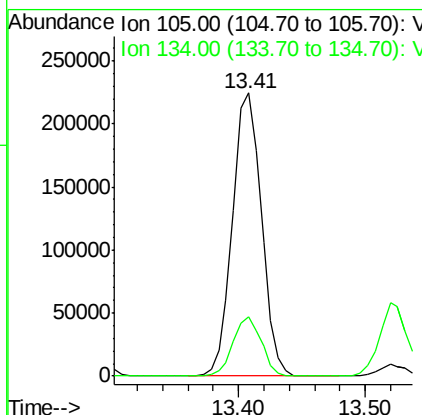
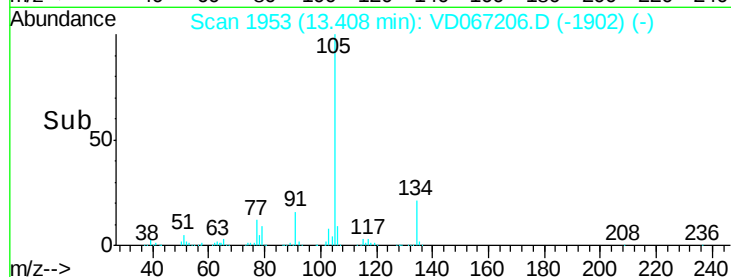
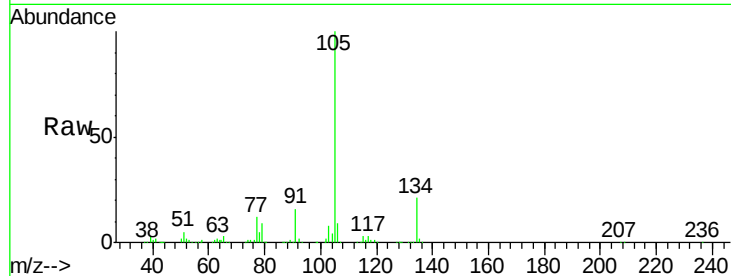
#85
 sec-Butylbenzene
 Concen: 20.857 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1009SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.3	30.8

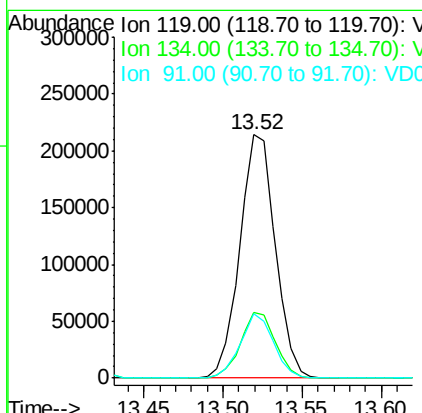
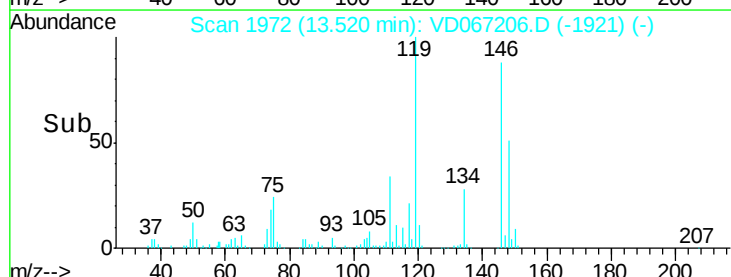
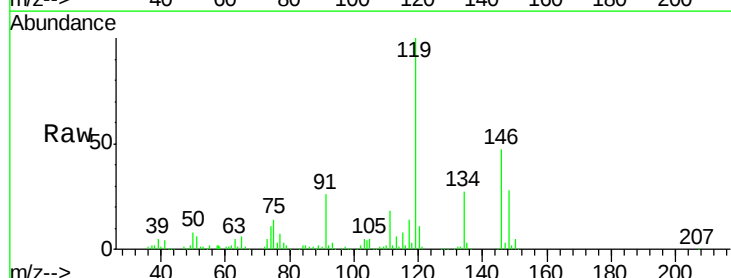
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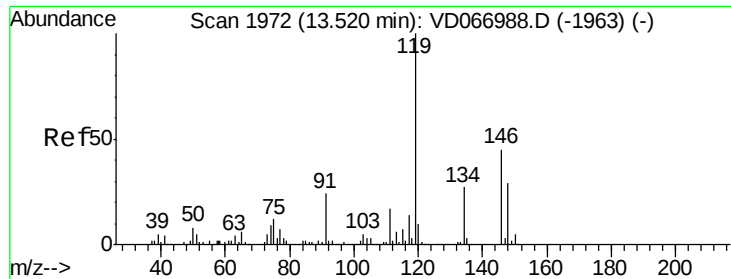
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#86
 p-Isopropyltoluene
 Concen: 21.066 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.1	39.1
91	24.8	11.7	35.1





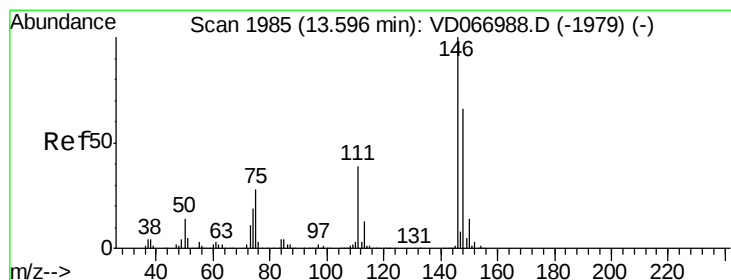
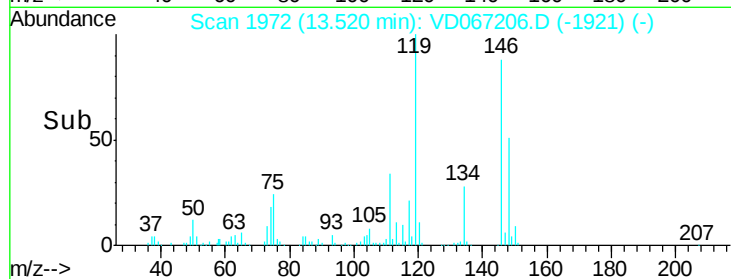
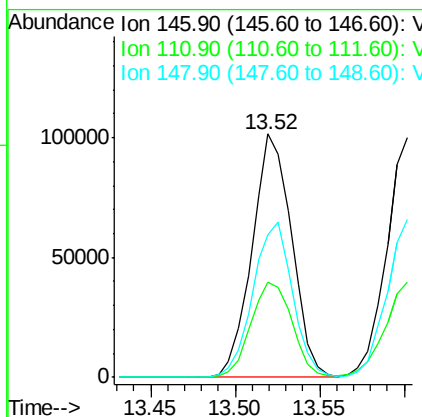
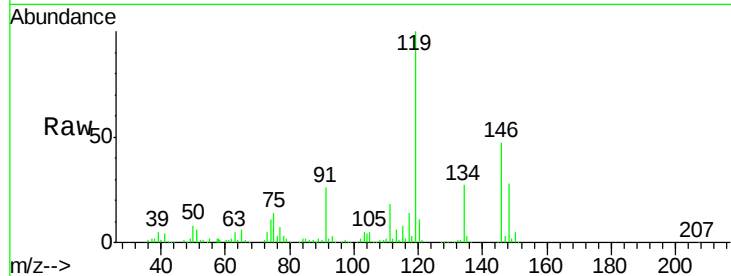
#87
 1,3-Dichlorobenzene
 Concen: 20.783 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	166040		
111	40.5	20.0	60.0	
148	63.4	31.9	95.9	

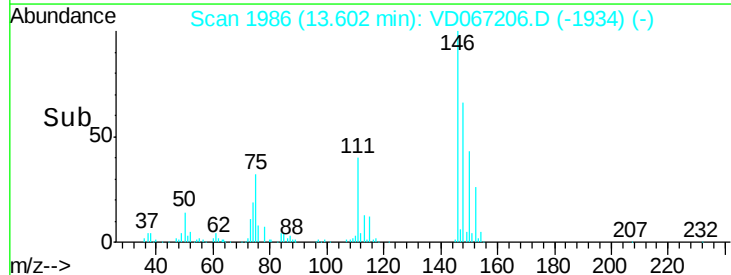
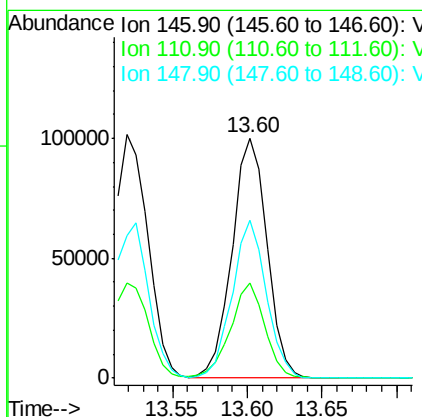
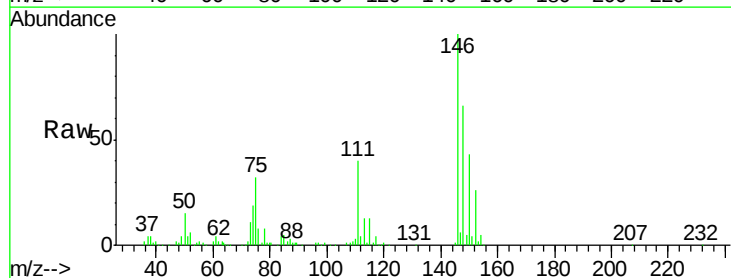
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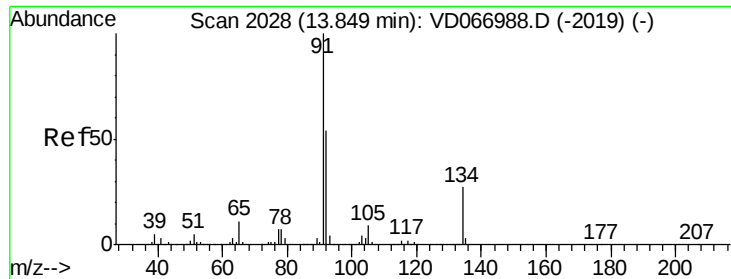
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#88
 1,4-Dichlorobenzene
 Concen: 20.517 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	163894		
111	39.1	19.6	58.7	
148	64.1	32.6	97.7	





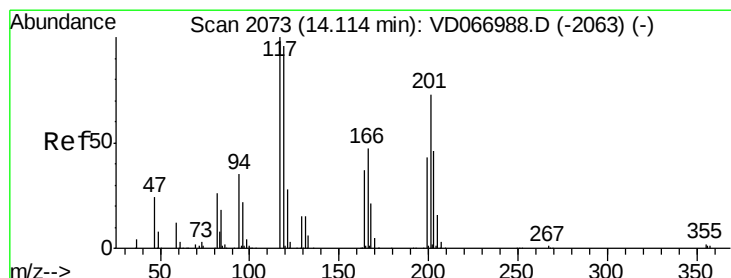
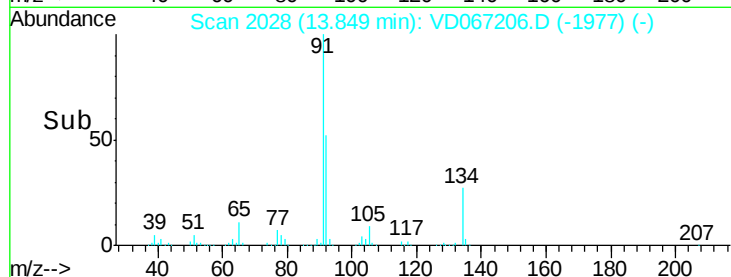
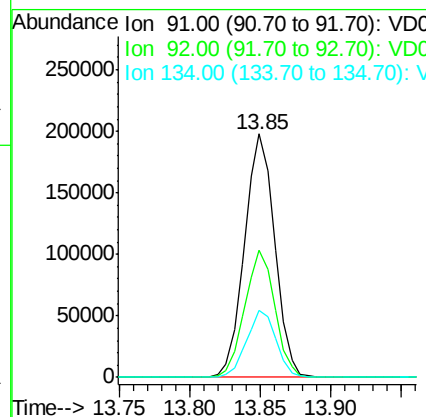
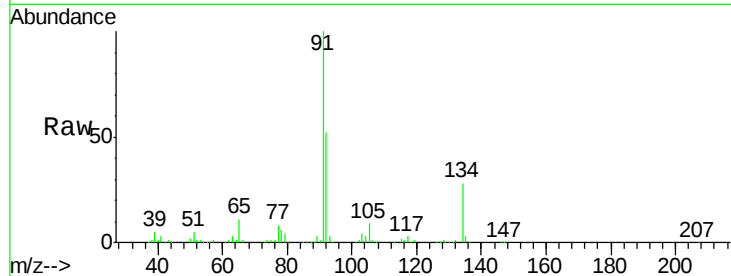
#89
n-Butylbenzene
Concen: 20.576 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.2	27.1	81.2	
134	27.0	13.6	40.8	

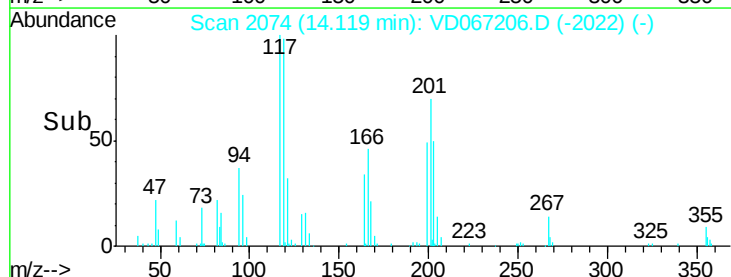
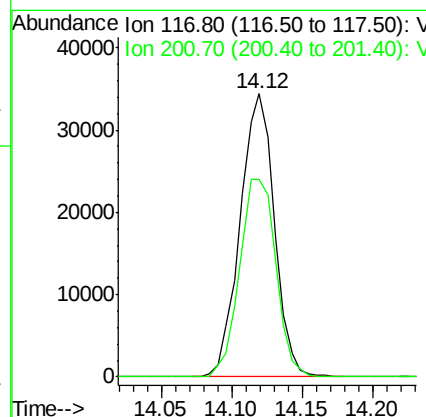
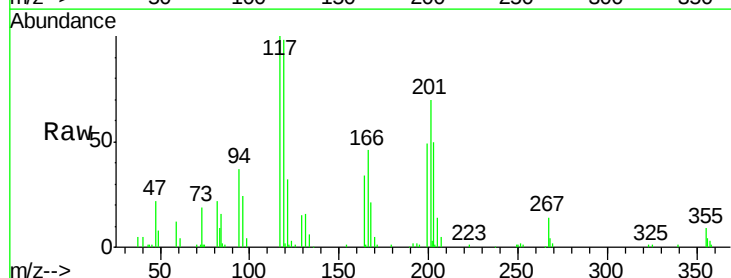
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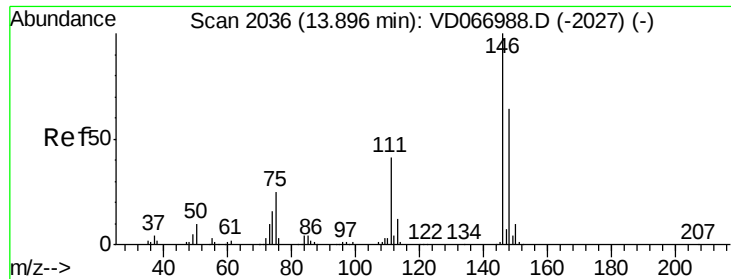
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#90
Hexachloroethane
Concen: 21.154 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	74.1	37.0	110.9	





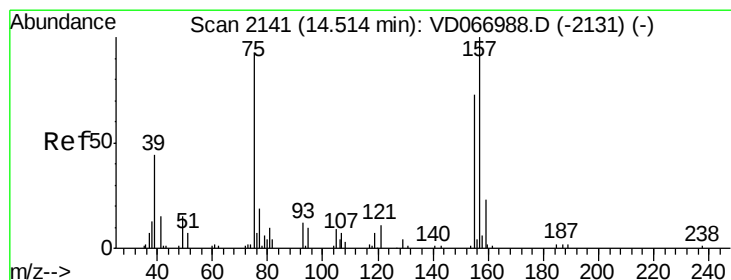
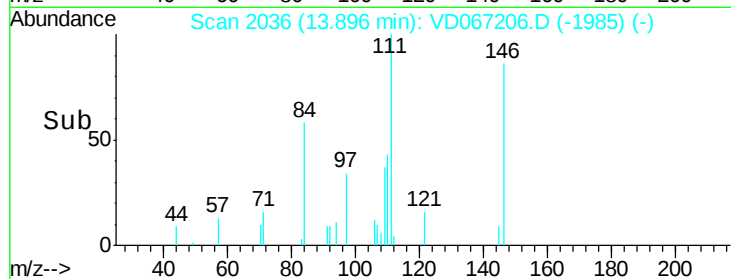
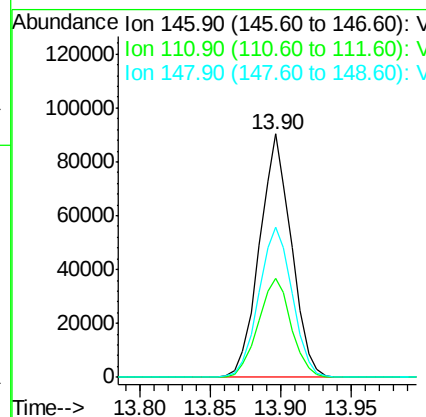
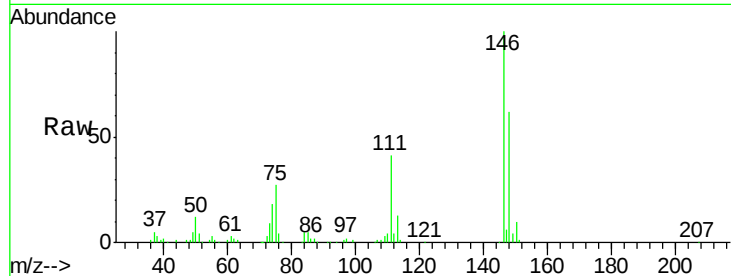
#91
 1,2-Dichlorobenzene
 Concen: 20.548 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.9	62.7
148	64.5	32.3	96.9

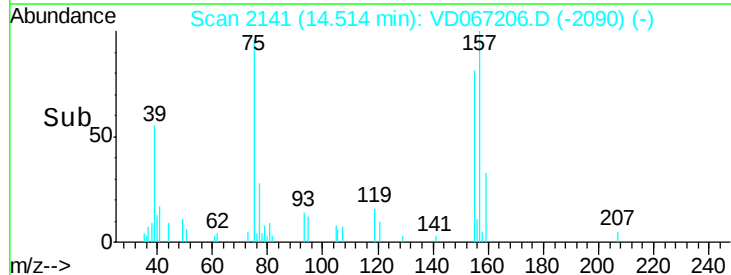
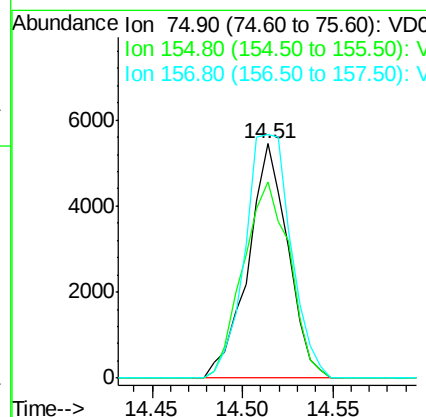
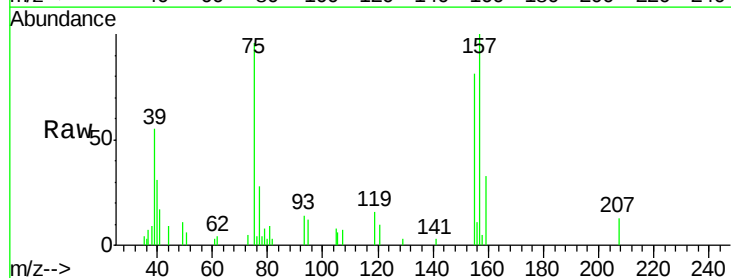
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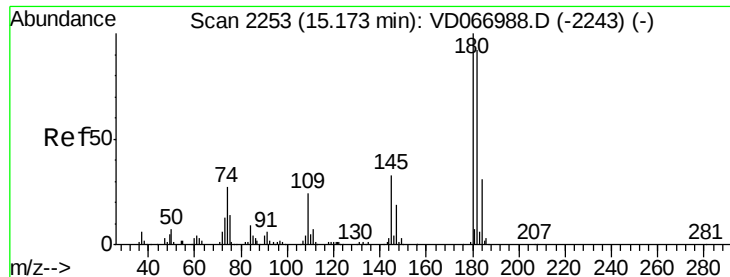
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.037 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.9	45.2	135.6
157	120.7	56.3	168.8





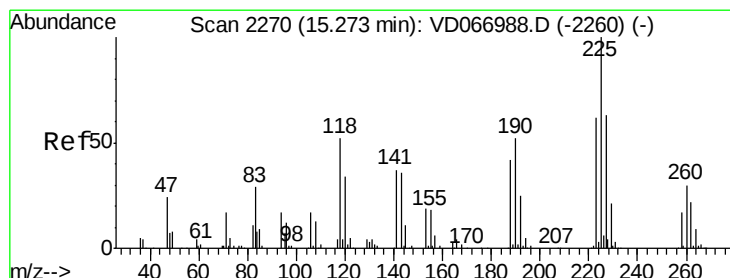
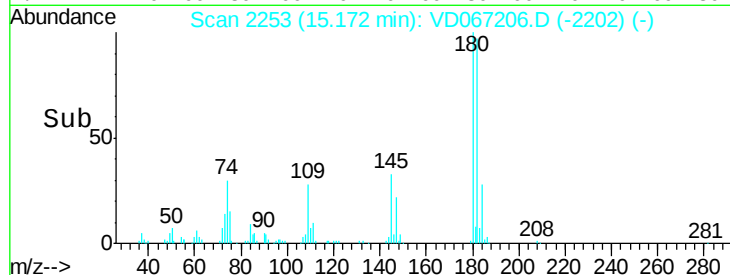
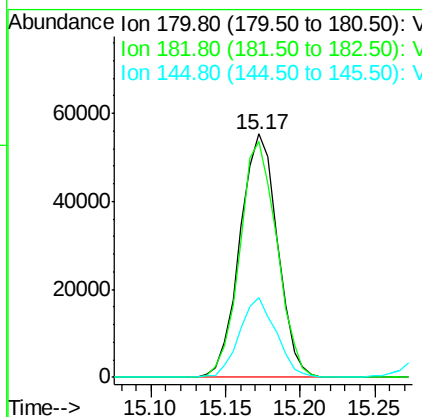
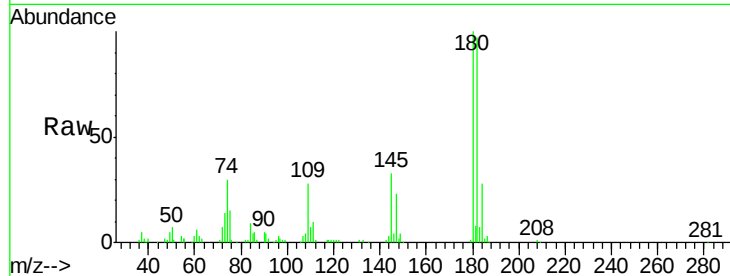
#93
 1,2,4-Trichlorobenzene
 Concen: 21.335 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	47.3	142.0	
145	32.1	16.4	49.1	

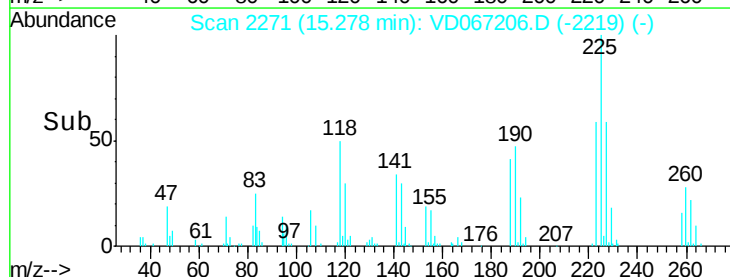
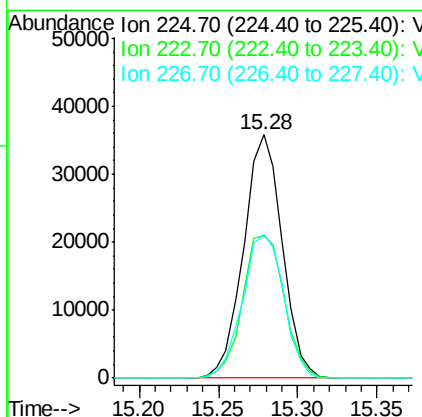
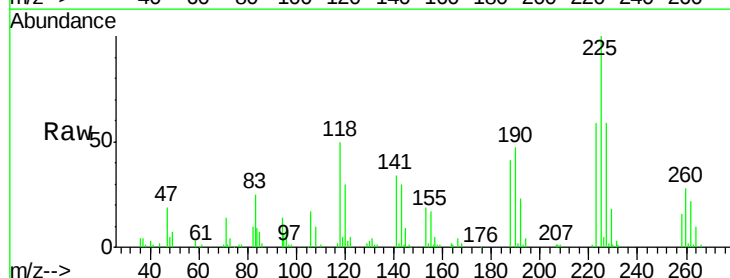
Manual Integrations
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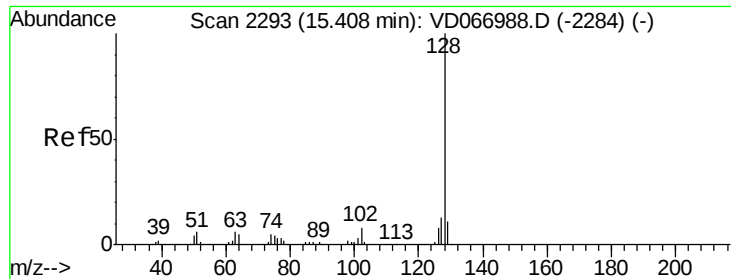
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#94
 Hexachlorobutadiene
 Concen: 21.870 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	32.4	97.0	
227	62.9	31.6	95.0	





#95

Naphthalene

Concen: 19.731 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

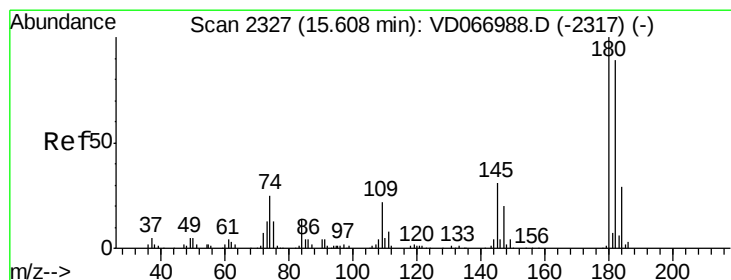
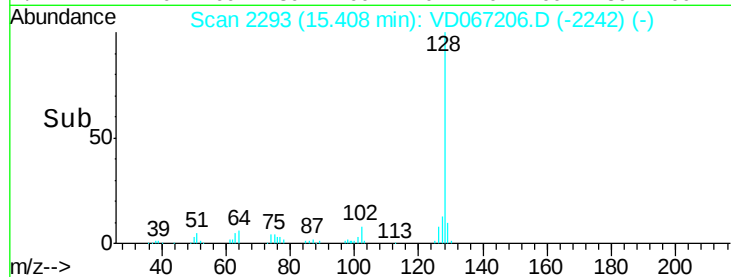
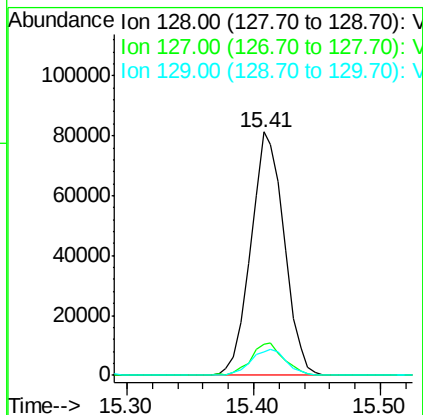
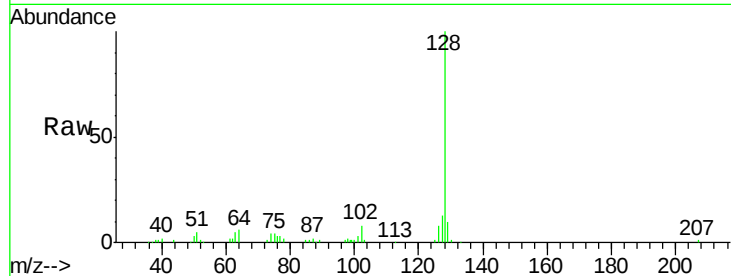
ClientSampleId :

VD1009SBS01

Tot Ion:	128	Resp:	148525
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	11.1	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 21.103 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Tgt Ion:	180	Resp:	82675
Ion Ratio	Lower	Upper	
180	100		
182	95.9	46.4	139.1
145	34.5	16.6	49.7

