

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101920\
 Data File : VD067306.D
 Acq On : 19 Oct 2020 13:56
 Operator : VA/SY
 Sample : VD1019SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:51:03 PM

Quant Time: Oct 20 01:24:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	306462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	457645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	434208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	218793	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	160128	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
35) Dibromofluoromethane	7.92	113	157468	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	10.34	98	572187	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.64	95	208161	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	53503	19.042	ug/l	92
3) Chloromethane	2.21	50	38046	19.726	ug/l	96
4) Vinyl Chloride	2.34	62	41219	19.478	ug/l	95
5) Bromomethane	2.76	94	30784	19.470	ug/l	92
6) Chloroethane	2.92	64	26096	19.801	ug/l	100
7) Trichlorofluoromethane	3.27	101	110721	20.778	ug/l	96
8) Diethyl Ether	3.71	74	25370	20.806	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	59476	21.008	ug/l	99
10) Methyl Iodide	4.30	142	52262	20.011	ug/l	98
11) Tert butyl alcohol	5.23	59	22990	120.383	ug/l #	96
12) 1,1-Dichloroethene	4.06	96	51777	20.471	ug/l	91
13) Acrolein	3.93	56	11874	80.766	ug/l	94
14) Allyl chloride	4.71	41	56039	19.347	ug/l	96
15) Acrylonitrile	5.42	53	42730	105.021	ug/l	98
16) Acetone	4.16	43	46235	107.525	ug/l	94
17) Carbon Disulfide	4.41	76	142523	19.766	ug/l	100
18) Methyl Acetate	4.71	43	20129	20.524	ug/l	94
19) Methyl tert-butyl Ether	5.48	73	104767	20.832	ug/l	96
20) Methylene Chloride	4.96	84	60419	19.168	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	59622	20.484	ug/l	99
22) Diisopropyl ether	6.36	45	117523	22.211	ug/l	97
23) Vinyl Acetate	6.30	43	318959	105.956	ug/l	99
24) 1,1-Dichloroethane	6.26	63	96358	21.274	ug/l	98
25) 2-Butanone	7.21	43	50644	103.323	ug/l #	81
26) 2,2-Dichloropropane	7.21	77	97339	20.850	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	65409	20.504	ug/l	97
28) Bromochloromethane	7.55	49	31168	20.175	ug/l #	98
29) Tetrahydrofuran	7.56	42	30134	110.598	ug/l	97
30) Chloroform	7.71	83	112331	20.761	ug/l	93
31) Cyclohexane	7.99	56	69975	19.788	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	109050	20.541	ug/l	98
36) 1,1-Dichloropropene	8.11	75	81128	20.915	ug/l	100
37) Ethyl Acetate	7.30	43	23842	20.892	ug/l #	97
38) Carbon Tetrachloride	8.10	117	103974	20.973	ug/l	94

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	83212	20.521	ug/l	92
40) Benzene	8.35	78	224898	21.135	ug/l	98
41) Methacrylonitrile	7.53	41	13532	21.943	ug/l #	79
42) 1,2-Dichloroethane	8.43	62	71053	21.336	ug/l	99
43) Isopropyl Acetate	8.46	43	47210	20.848	ug/l	97
44) Trichloroethene	9.12	130	70131	20.584	ug/l	86
45) 1,2-Dichloropropane	9.39	63	51030	20.692	ug/l	92
46) Dibromomethane	9.48	93	31635	20.588	ug/l	95
47) Bromodichloromethane	9.67	83	86697	21.059	ug/l	94
48) Methyl methacrylate	9.46	41	24342	22.120	ug/l	94
49) 1,4-Dioxane	9.46	88	6602	426.575	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	122191	108.186	ug/l	98
52) Toluene	10.41	92	153944	21.240	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	77123	21.326	ug/l	93
54) cis-1,3-Dichloropropene	10.09	75	85088	20.104	ug/l	92
55) 1,1,2-Trichloroethane	10.80	97	44938	21.447	ug/l	96
56) Ethyl methacrylate	10.66	69	47142	21.694	ug/l	96
57) 1,3-Dichloropropane	10.95	76	73025	21.900	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	118121	105.959	ug/l	99
59) 2-Hexanone	10.99	43	85984	111.408	ug/l	99
60) Dibromochloromethane	11.14	129	64965	21.260	ug/l	97
61) 1,2-Dibromoethane	11.25	107	46015	22.276	ug/l	98
64) Tetrachloroethene	10.88	164	64122	20.382	ug/l	95
65) Chlorobenzene	11.67	112	171976	20.654	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	67099	20.276	ug/l	96
67) Ethyl Benzene	11.75	91	289485	20.282	ug/l	99
68) m/p-Xylenes	11.86	106	234069	42.586	ug/l	97
69) o-Xylene	12.18	106	105532	20.735	ug/l	92
70) Styrene	12.20	104	181952	20.767	ug/l	98
71) Bromoform	12.37	173	36191	20.357	ug/l #	96
73) Isopropylbenzene	12.48	105	299330	21.556	ug/l	99
74) N-amyl acetate	12.30	43	45805	21.841	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	47199	22.183	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	34313m	22.627	ug/l	
77) Bromobenzene	12.77	156	73089	21.112	ug/l	97
78) n-propylbenzene	12.83	91	343558	21.354	ug/l	99
79) 2-Chlorotoluene	12.91	91	194060	20.799	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	257662	21.353	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	14794	22.123	ug/l	92
82) 4-Chlorotoluene	13.01	91	213734	21.584	ug/l	99
83) tert-Butylbenzene	13.23	119	217391	21.327	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	255212	21.399	ug/l	99
85) sec-Butylbenzene	13.41	105	295749	21.145	ug/l	100
86) p-Isopropyltoluene	13.52	119	282456	21.396	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	143806	21.581	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	143119	21.679	ug/l	99
89) n-Butylbenzene	13.85	91	243442	20.961	ug/l	99
90) Hexachloroethane	14.12	117	48972	21.258	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	123760	21.261	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8637	22.345	ug/l	93

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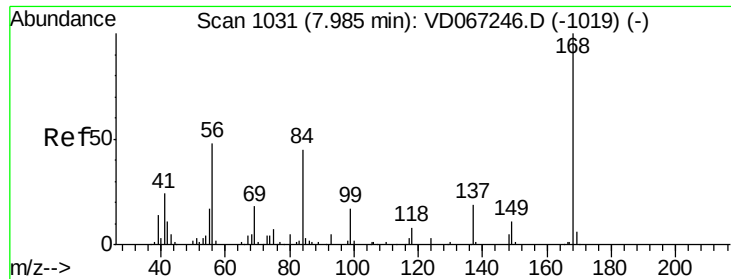
Manual Integrations
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10/20/2020 4:51:03 PM

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Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	83178	21.193	ug/l	99
94) Hexachlorobutadiene	15.28	225	49783	20.426	ug/l	97
95) Naphthalene	15.41	128	133996	20.795	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	73116	21.564	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. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

Tot Ion:168 Resp: 306462

Ion Ratio Lower Upper

168 100

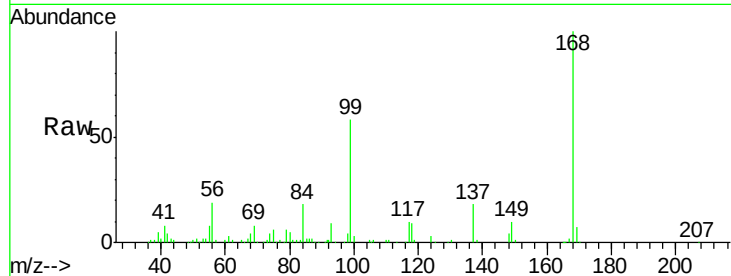
99 57.8 45.9 68.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

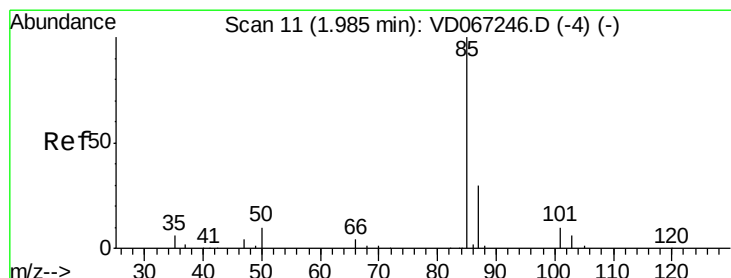
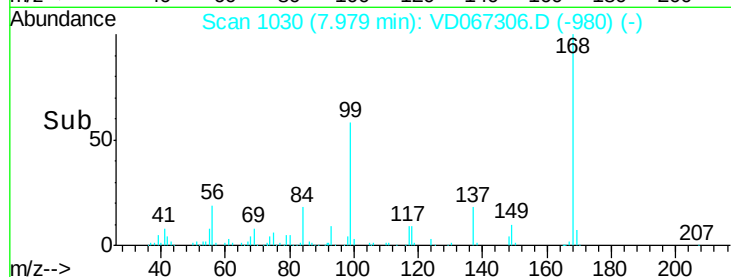
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.042 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067306.D

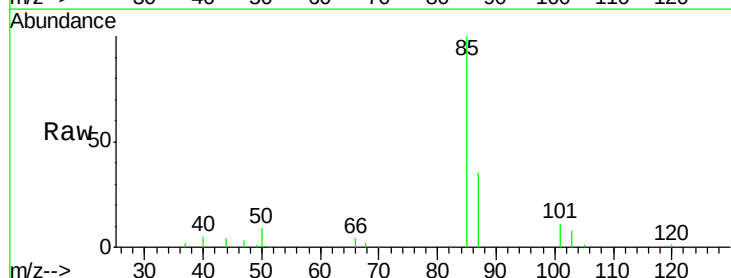
Acq: 19 Oct 2020 13:56

Tgt Ion: 85 Resp: 53503

Ion Ratio Lower Upper

85 100

87 35.0 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

40000

30000

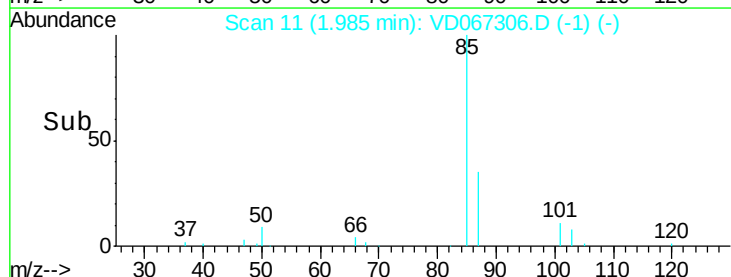
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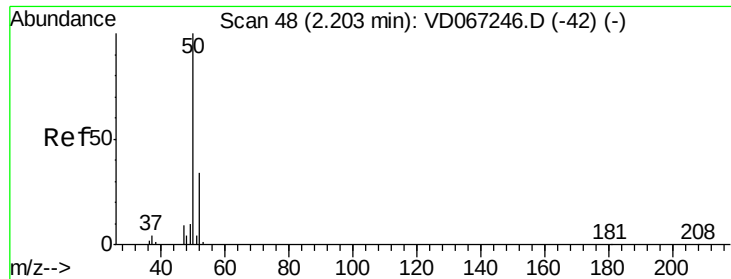
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.726 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

Tot Ion: 50 Resp: 38046

Ion Ratio Lower Upper

50 100

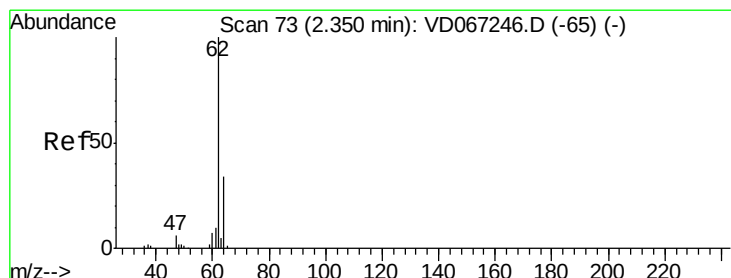
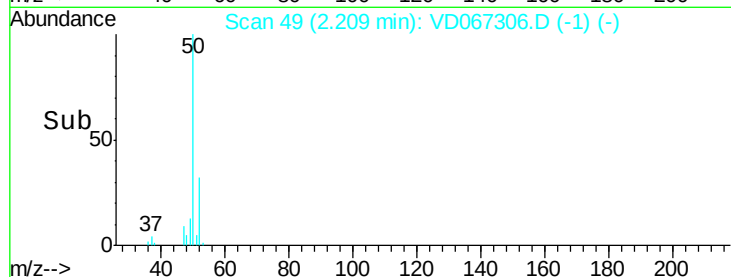
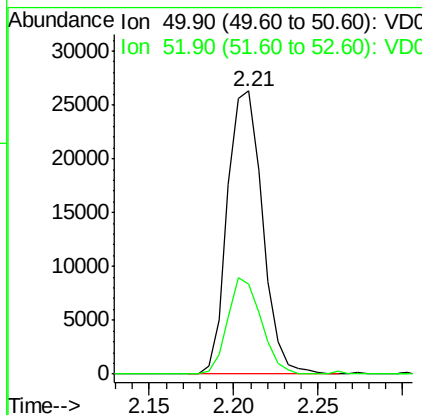
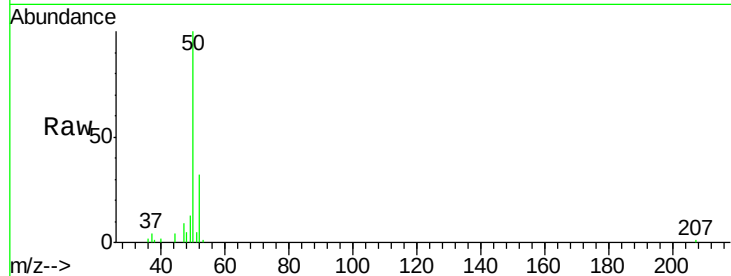
52 31.9 27.1 40.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.478 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD067306.D

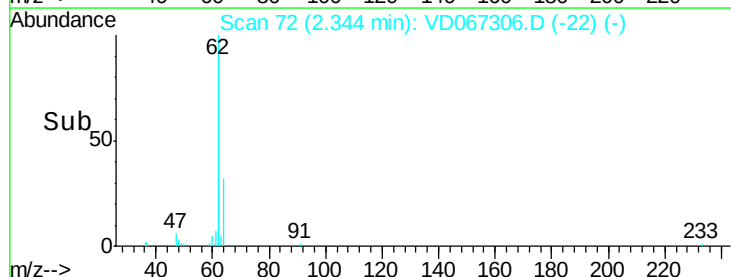
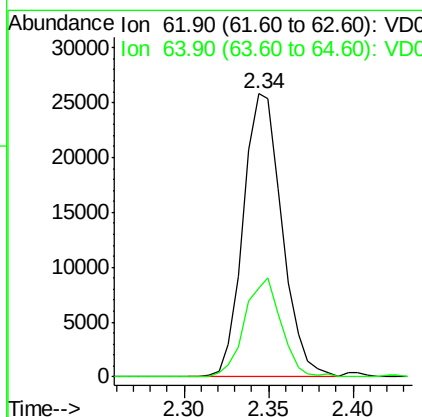
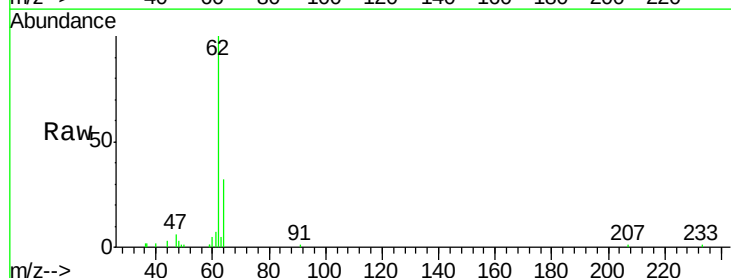
Acq: 19 Oct 2020 13:56

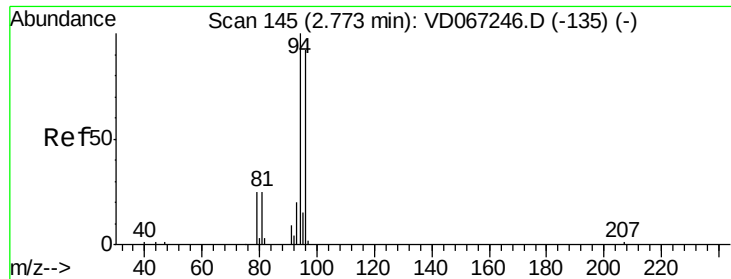
Tgt Ion: 62 Resp: 41219

Ion Ratio Lower Upper

62 100

64 31.5 27.4 41.0





#5

Bromomethane

Concen: 19.470 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

Tot Ion: 94 Resp: 30784

Ion Ratio Lower Upper

94 100

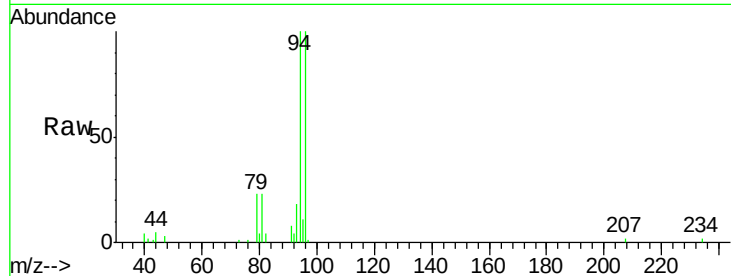
96 99.6 73.8 110.6

Manual Integrations

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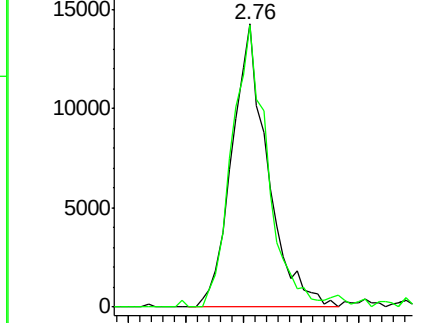
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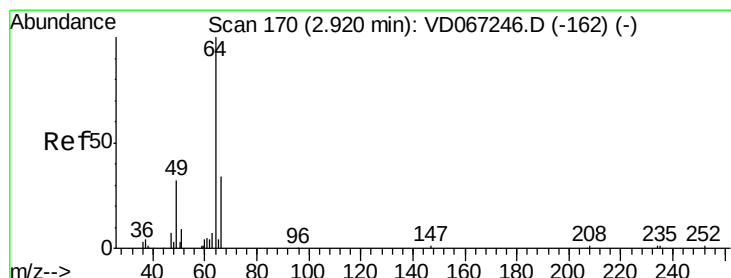
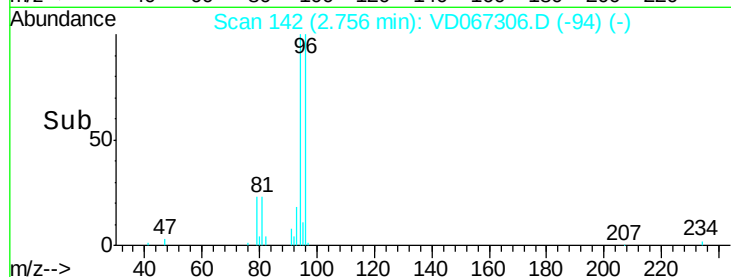


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#6

Chloroethane

Concen: 19.801 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067306.D

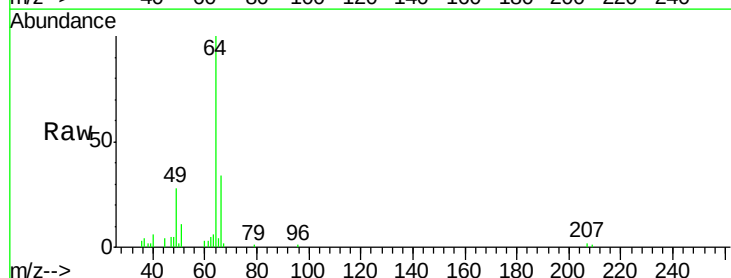
Acq: 19 Oct 2020 13:56

Tgt Ion: 64 Resp: 26096

Ion Ratio Lower Upper

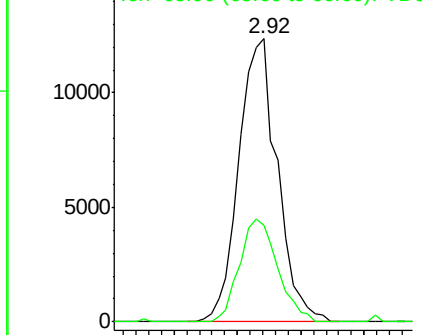
64 100

66 33.9 27.4 41.0

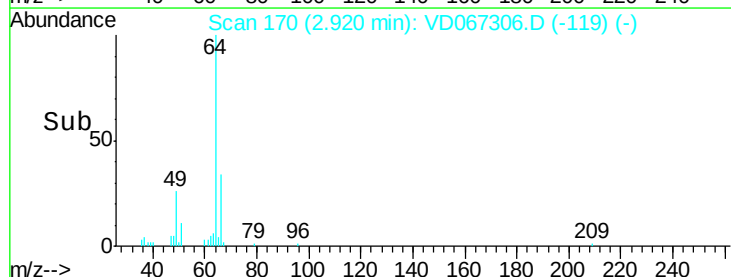


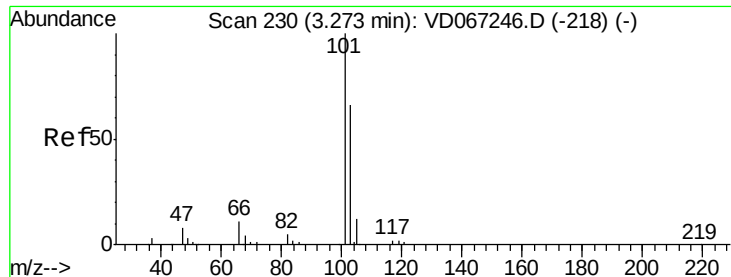
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->





#7

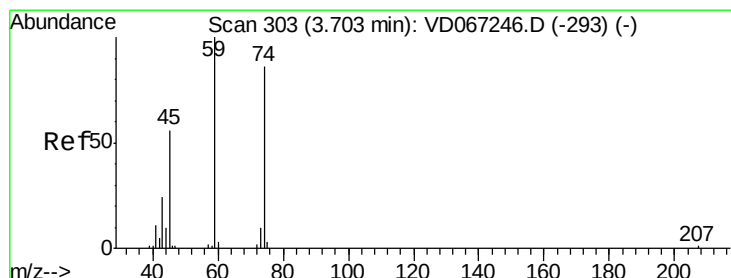
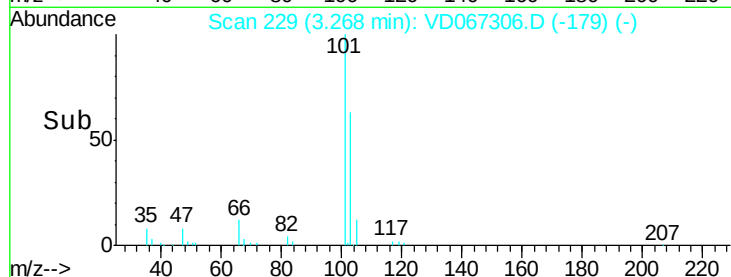
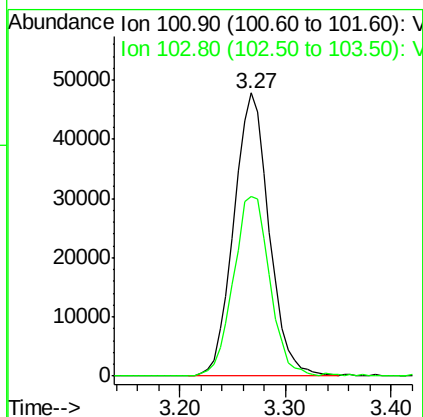
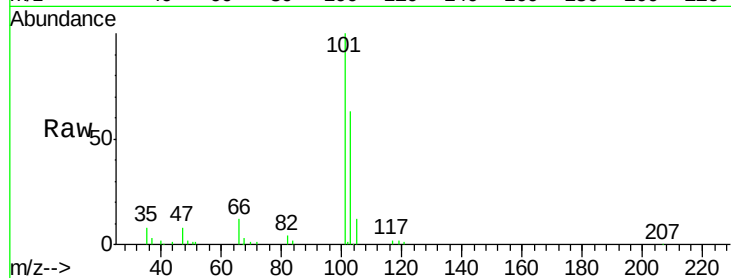
Trichlorofluoromethane
 Concen: 20.778 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD067306.D
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 VD1019SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	53.1	79.7

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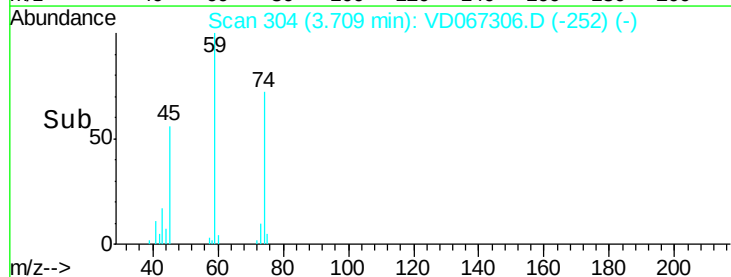
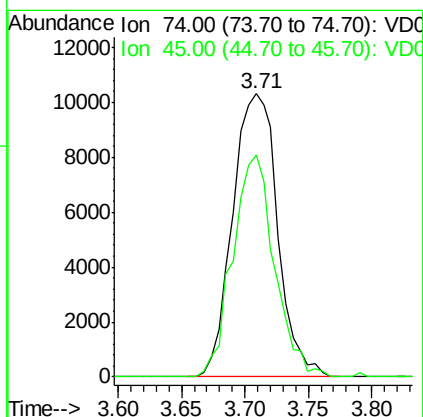
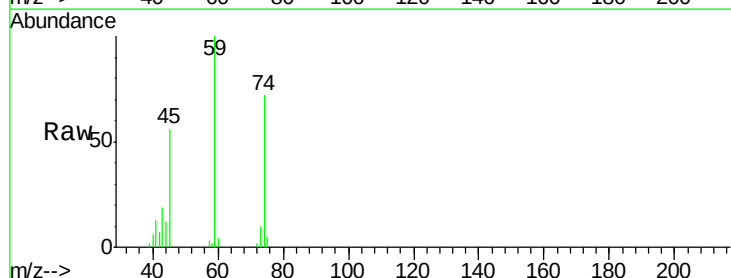
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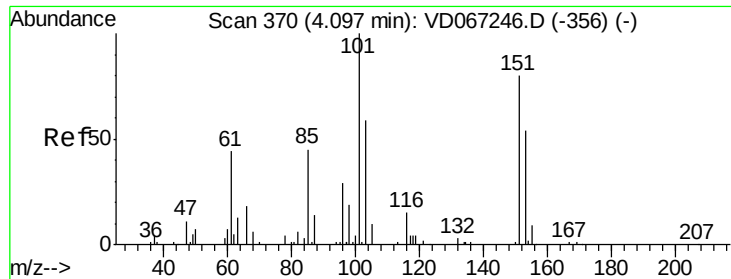


#8

Diethyl Ether
 Concen: 20.806 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	72.8	37.0	111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.008 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

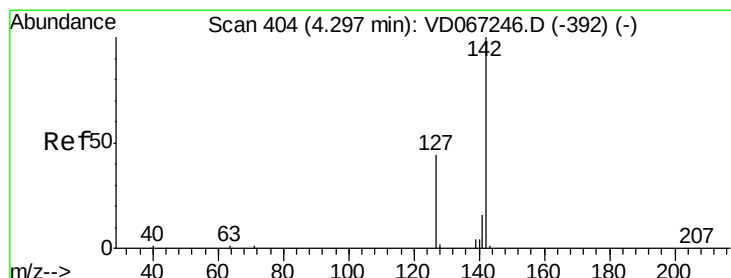
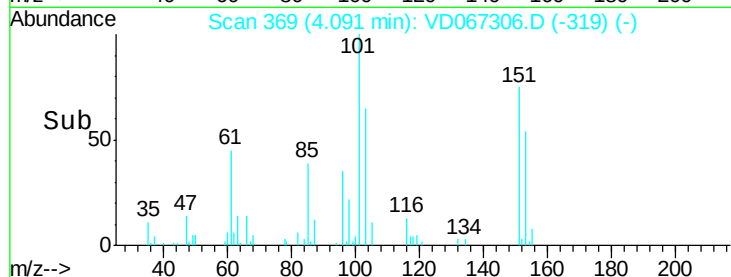
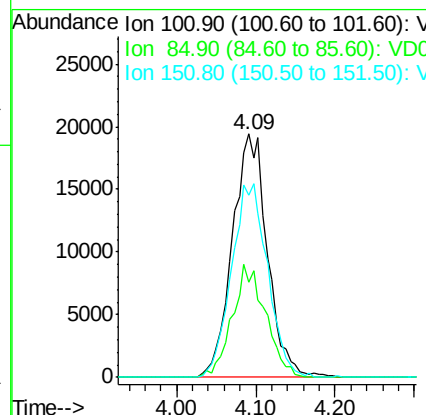
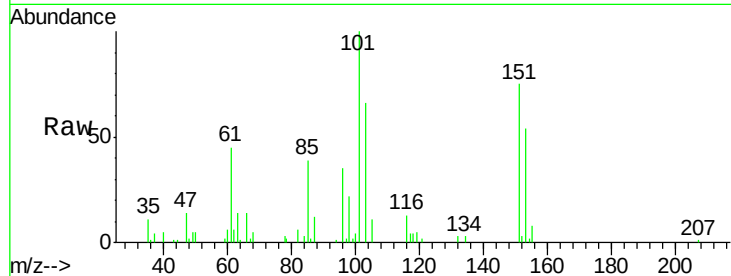
ClientSampleId :

VD1019SBSD01

Tot Ion:	101	Resp:	59476
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.2	51.4
151	82.2	66.3	99.5

Manual Integrations
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#10

Methyl Iodide

Concen: 20.011 ug/l

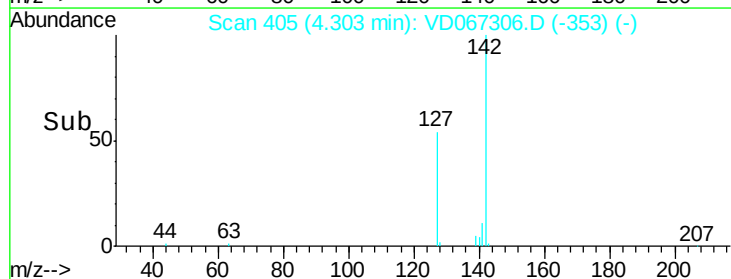
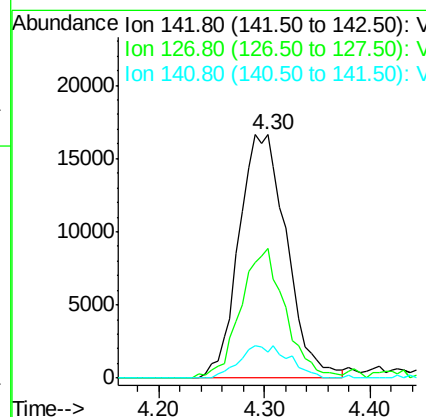
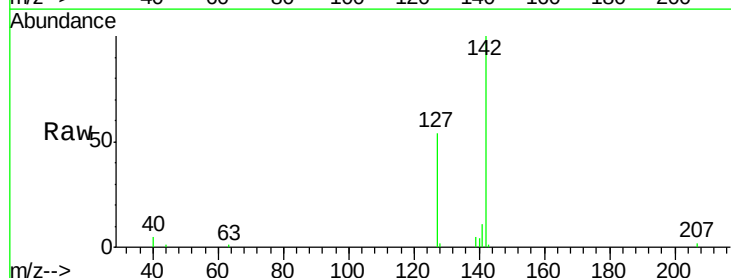
RT: 4.30 min Scan# 405

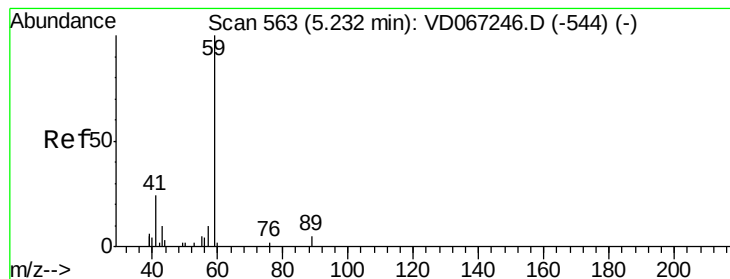
Delta R.T. 0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Tgt Ion:	142	Resp:	52262
Ion Ratio	Lower	Upper	
142	100		
127	49.6	38.4	57.6
141	13.7	11.6	17.4





#11

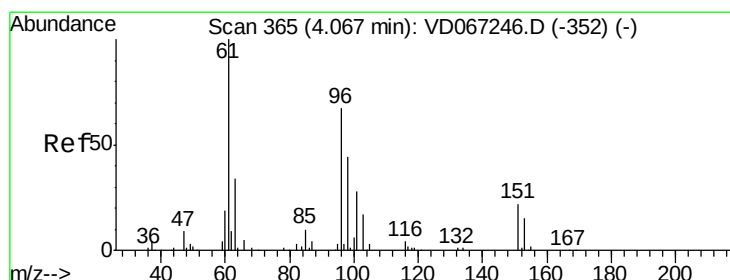
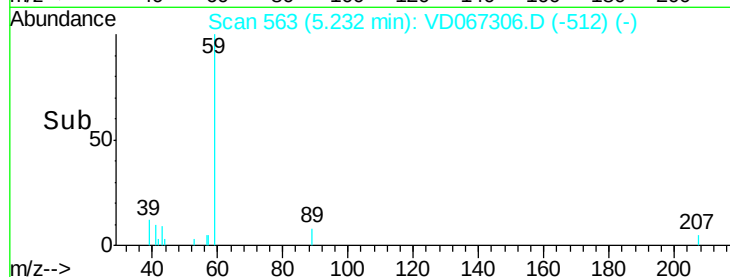
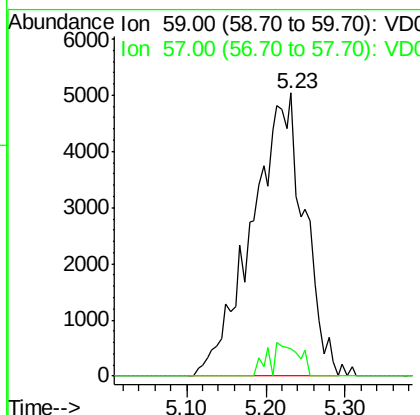
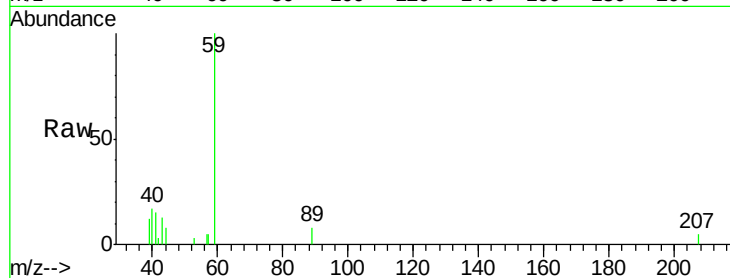
Tert butyl alcohol
Concen: 120.383 ug/l
RT: 5.23 min Scan# 563
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tot Ion	59	Resp	22990
Ion Ratio	100	Lower	Upper
57	5.1	5.1	7.7#

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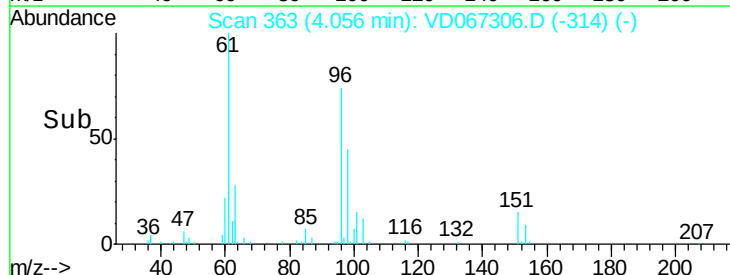
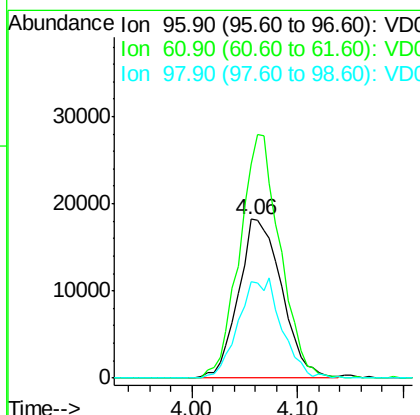
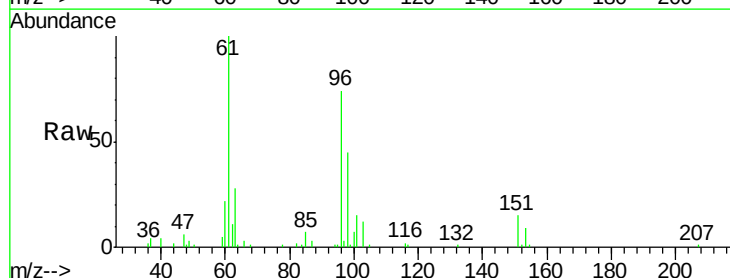
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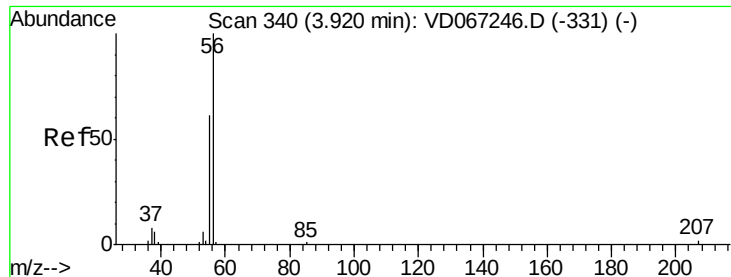


#12

1,1-Dichloroethene
Concen: 20.471 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	96	Resp	51777
Ion Ratio	100	Lower	Upper
61	134.6	118.6	177.8
98	60.5	51.8	77.6





#13

Acrolein

Concen: 80.766 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

Tot Ion: 56 Resp: 11874

Ion Ratio Lower Upper

56 100

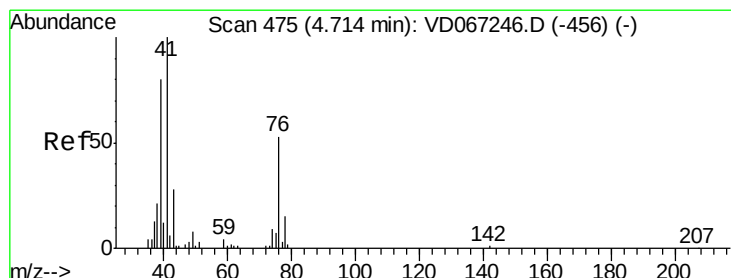
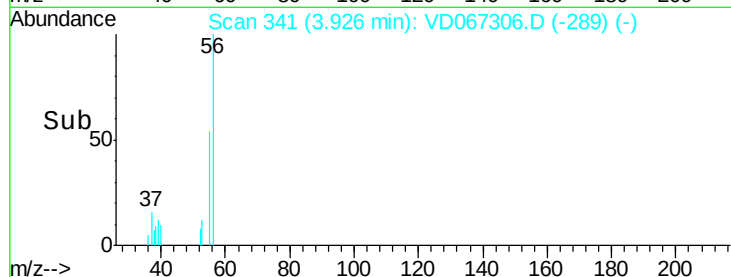
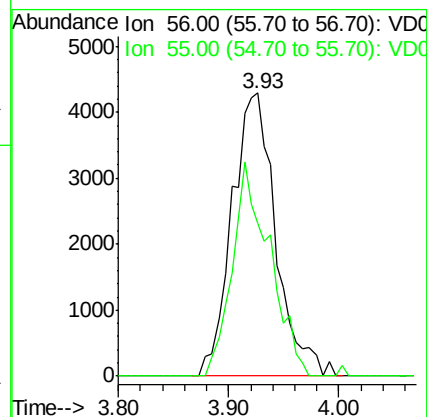
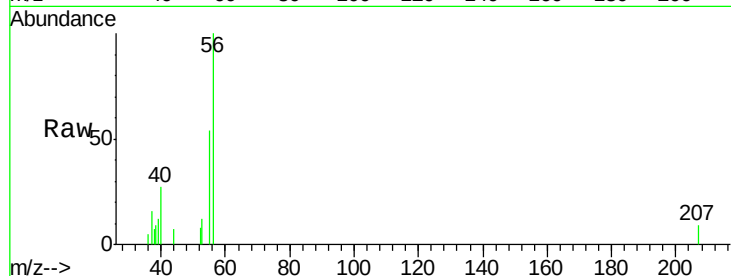
55 64.8 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 19.347 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

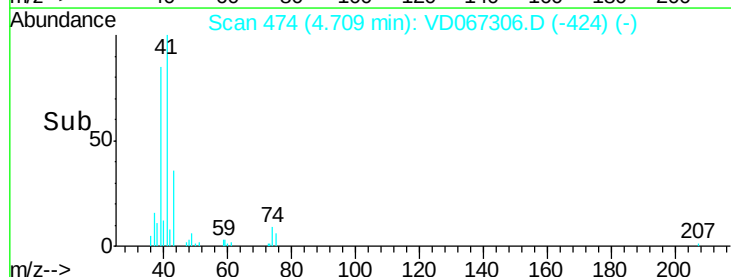
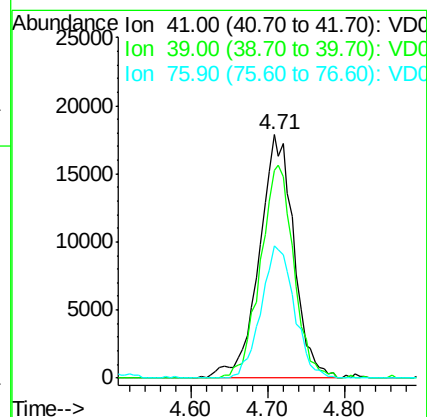
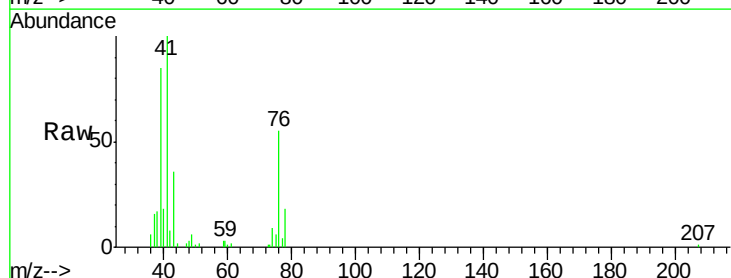
Tgt Ion: 41 Resp: 56039

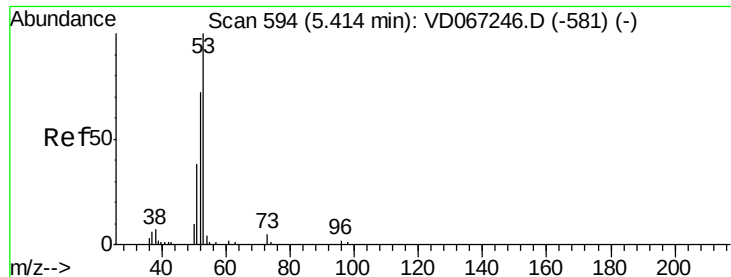
Ion Ratio Lower Upper

41 100

39 84.2 63.8 95.6

76 52.3 40.4 60.6





#15

Acrylonitrile

Concen: 105.021 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

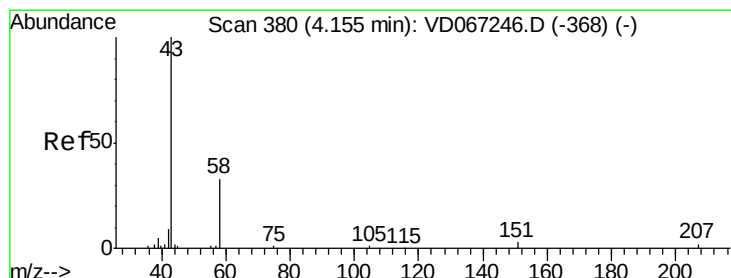
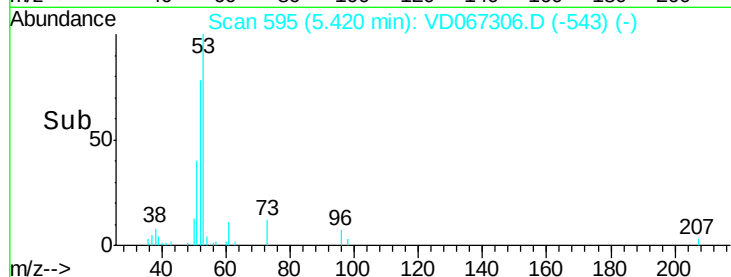
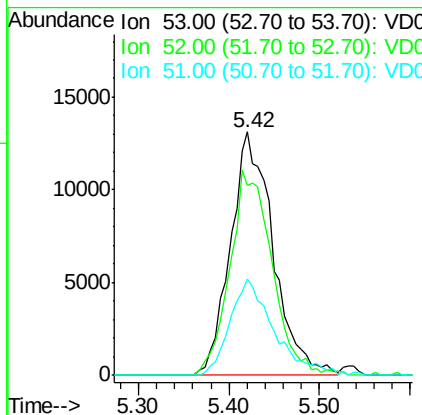
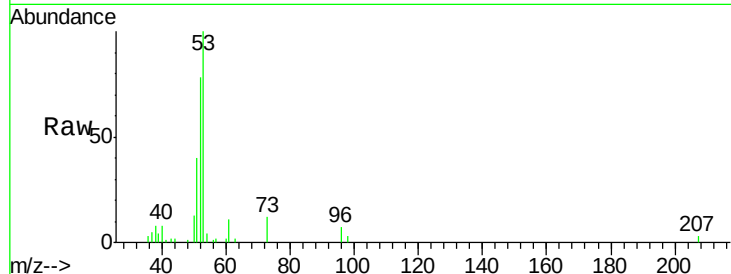
ClientSampleId :

VD1019SBS01

Tot Ion:	53	Resp:	42730
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.6	98.4
51	40.7	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 107.525 ug/l

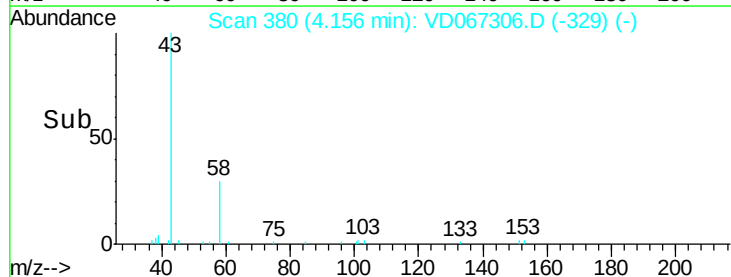
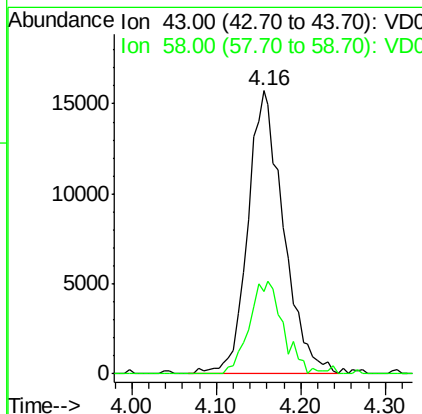
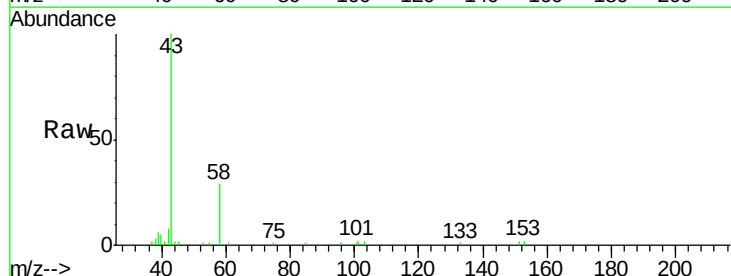
RT: 4.16 min Scan# 380

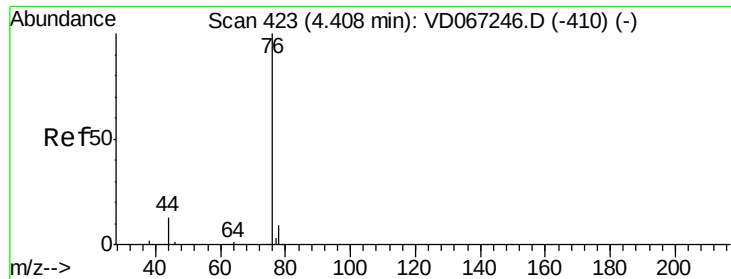
Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Tgt Ion:	43	Resp:	46235
Ion	Ratio	Lower	Upper
43	100		
58	29.1	26.1	39.1





#17

Carbon Disulfide

Concen: 19.766 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

Tot Ion: 76 Resp: 142523

Ion Ratio Lower Upper

76 100

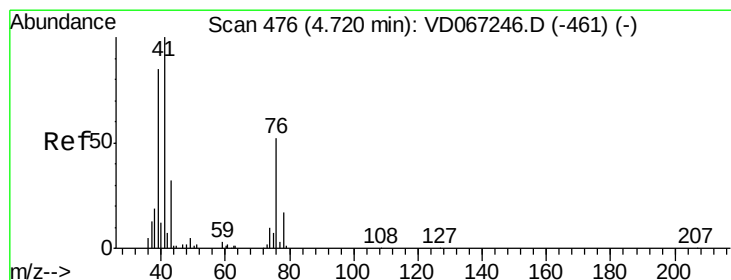
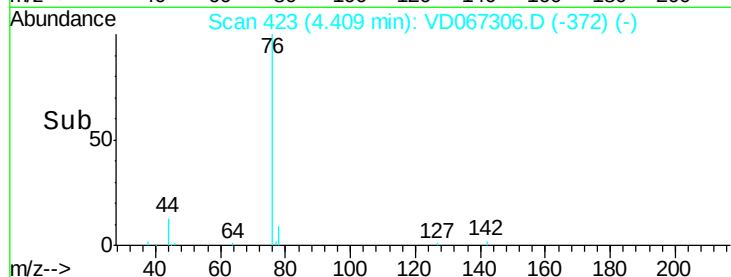
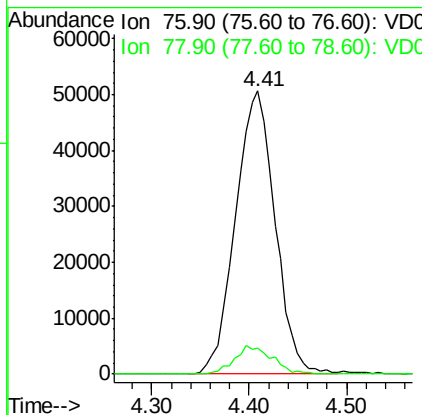
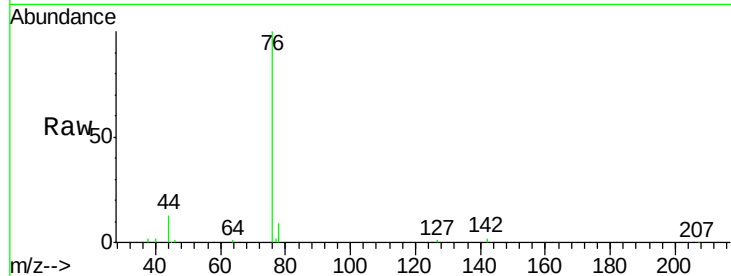
78 9.2 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 20.524 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067306.D

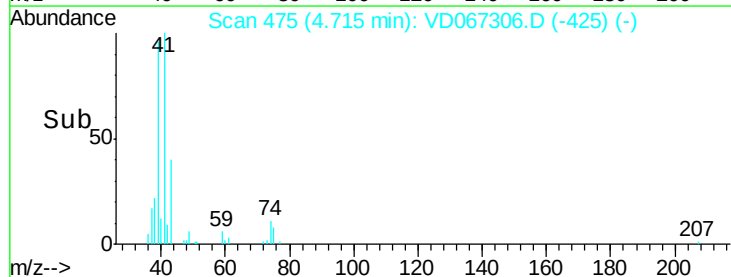
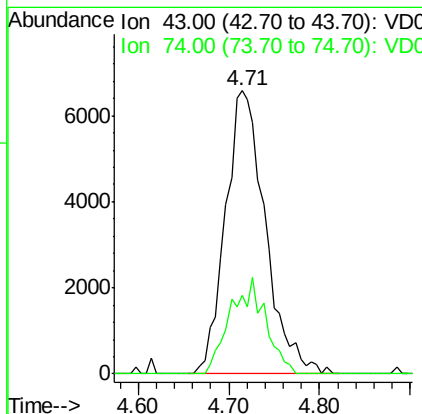
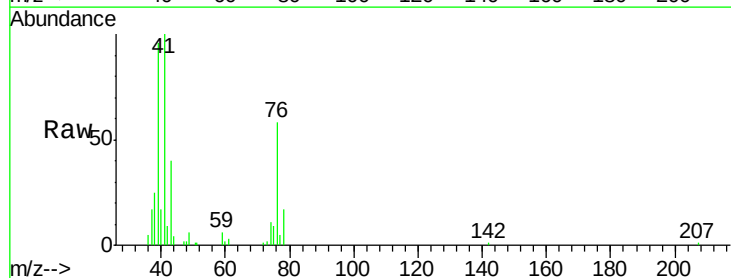
Acq: 19 Oct 2020 13:56

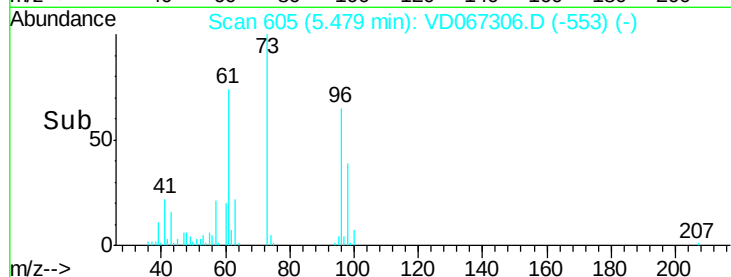
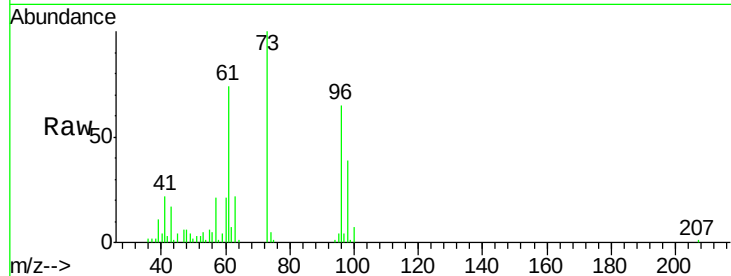
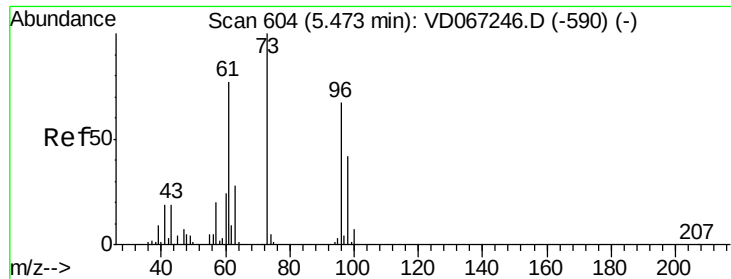
Tgt Ion: 43 Resp: 20129

Ion Ratio Lower Upper

43 100

74 29.9 26.6 39.8





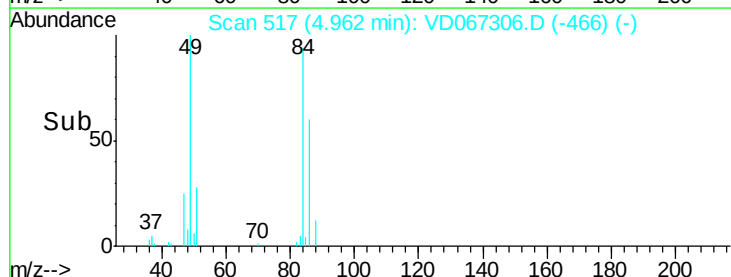
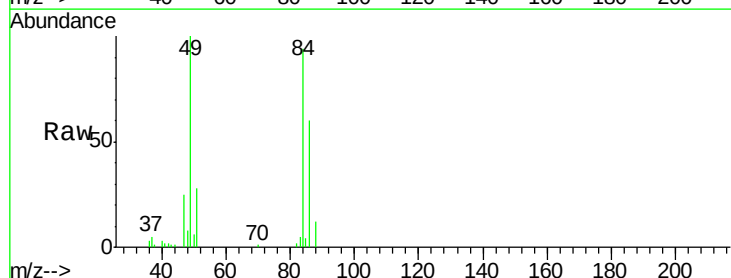
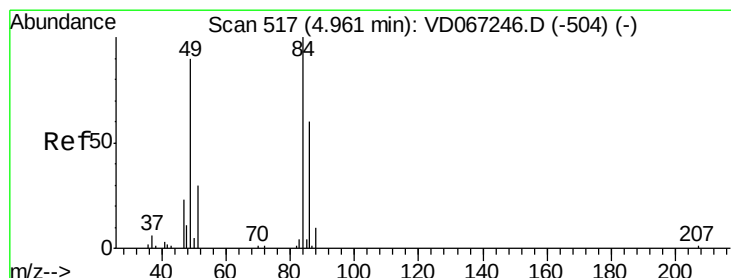
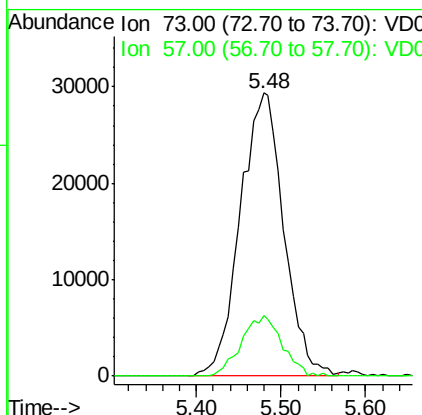
#19
Methyl tert-butyl Ether
Concen: 20.832 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tot Ion: 73 Resp: 104767
Ion Ratio Lower Upper
73 100
57 21.3 15.7 23.5

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

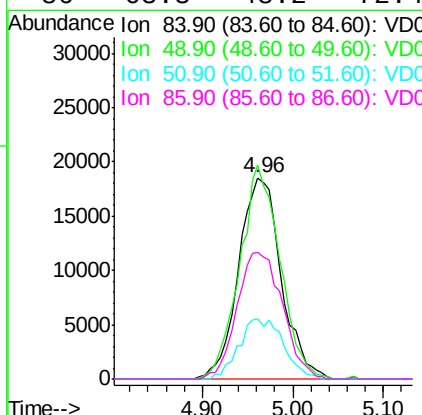
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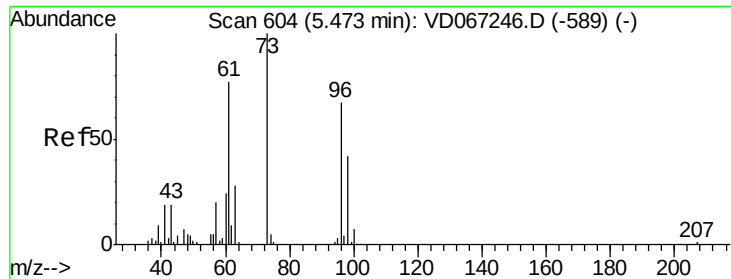
MMDadoda
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#20
Methylene Chloride
Concen: 19.168 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion: 84 Resp: 60419
Ion Ratio Lower Upper
84 100
49 106.3 72.2 108.2
51 30.1 23.8 35.8
86 63.3 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 20.484 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

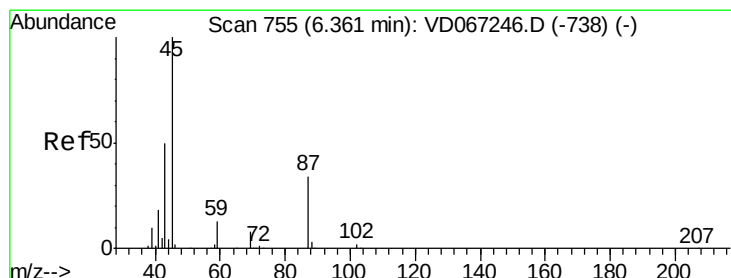
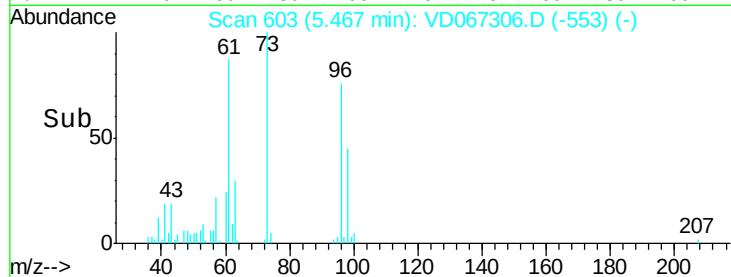
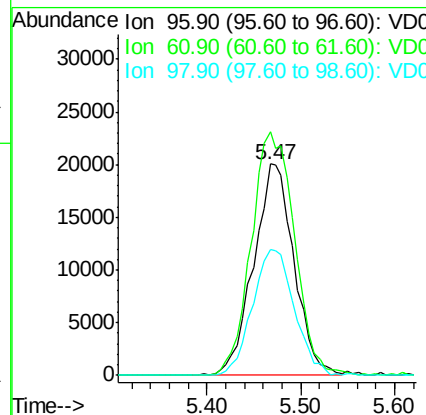
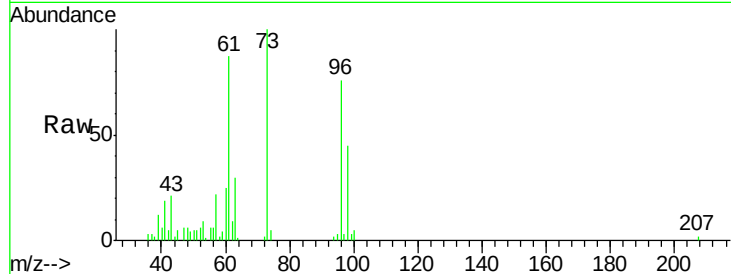
ClientSampleId :

VD1019SBS01

Tot Ion:	96	Resp:	59622
Ion	Ratio	Lower	Upper
96	100		
61	115.2	92.0	138.0
98	59.3	49.8	74.8

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#22

Diisopropyl ether

Concen: 22.211 ug/l

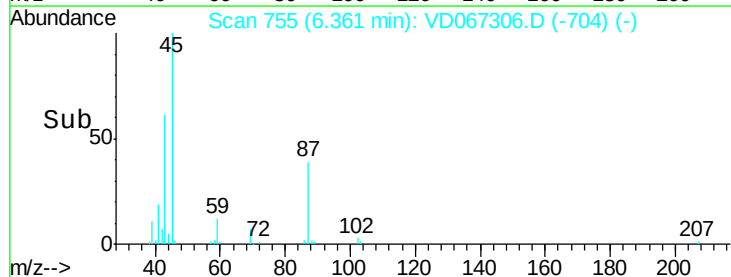
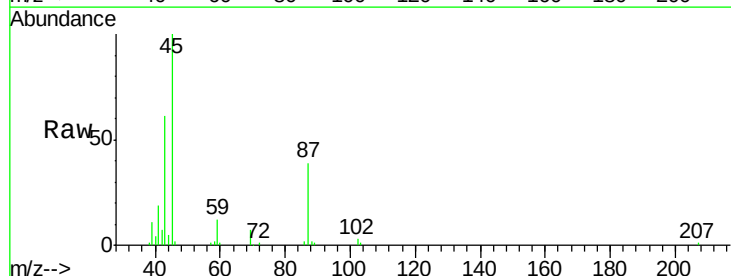
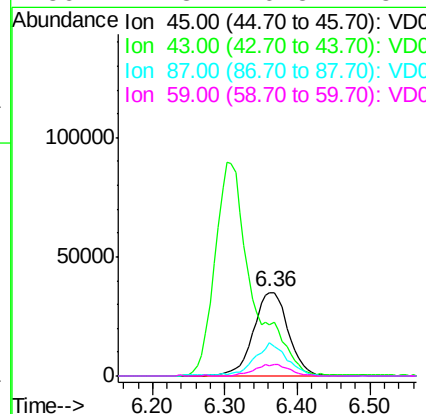
RT: 6.36 min Scan# 755

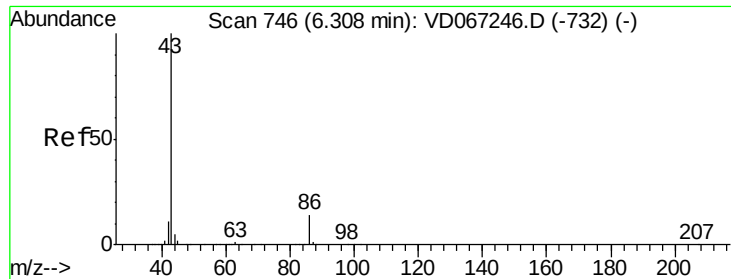
Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Tgt Ion:	45	Resp:	117523
Ion	Ratio	Lower	Upper
45	100		
43	59.2	48.0	72.0
87	39.2	28.5	42.7
59	12.3	10.5	15.7





#23

Vinyl Acetate

Concen: 105.956 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

Tot Ion: 43 Resp: 318959

Ion Ratio Lower Upper

43 100

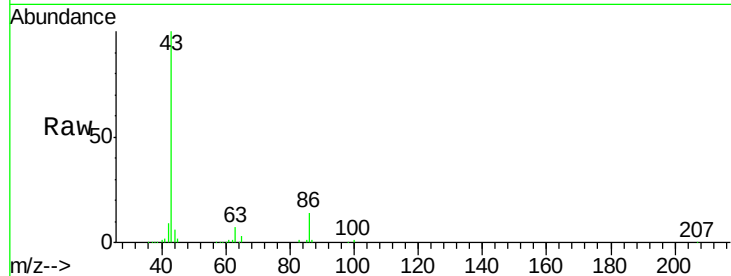
86 13.5 11.0 16.6

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

100000

80000

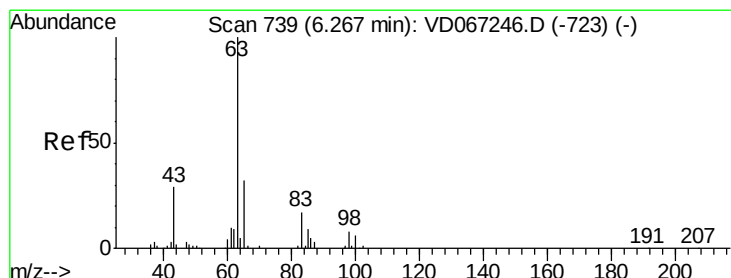
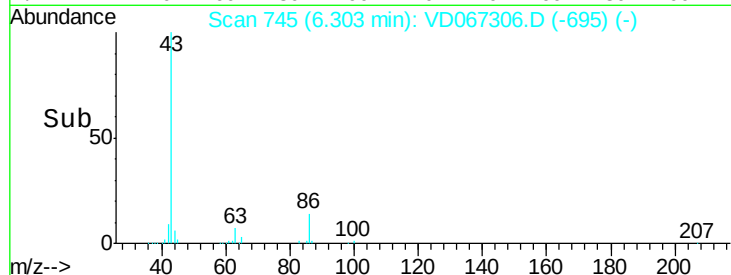
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.274 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

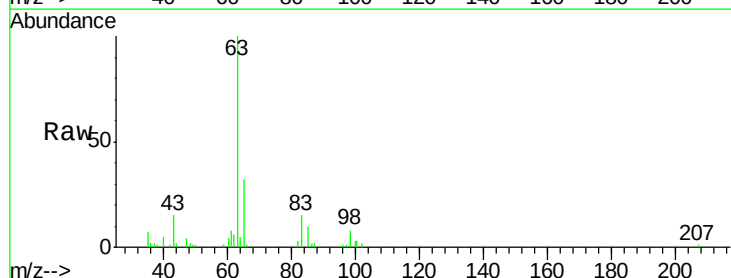
Tgt Ion: 63 Resp: 96358

Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.2

100 6.4 2.8 8.4



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

6.26

40000

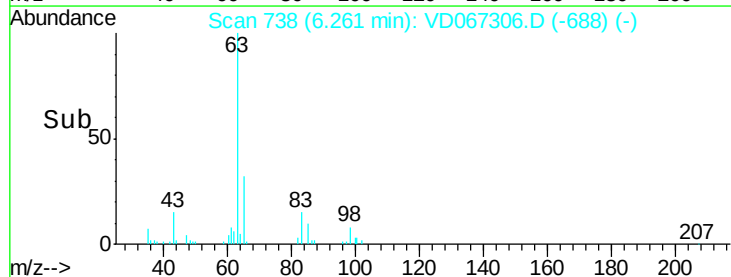
30000

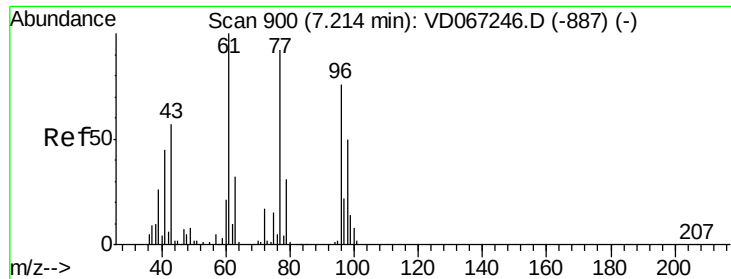
20000

10000

0

Time-->





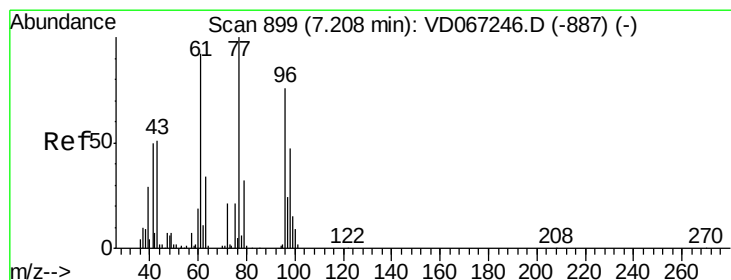
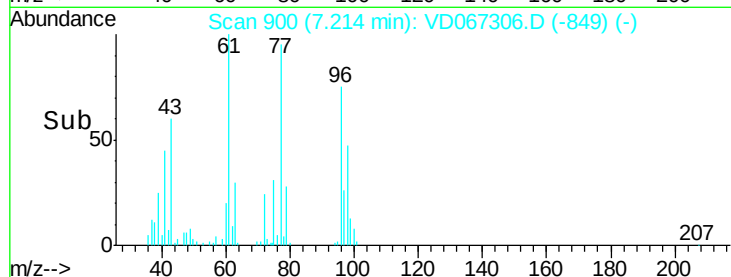
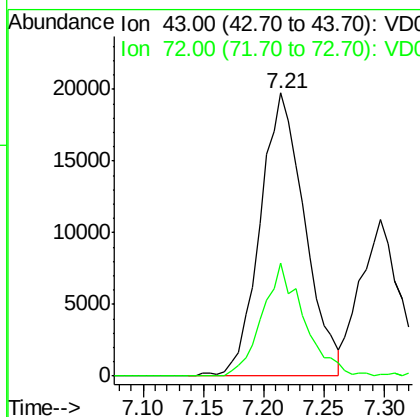
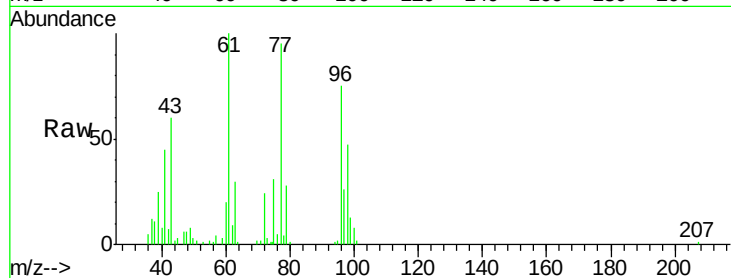
#25
2-Butanone
Concen: 103.323 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tot Ion: 43 Resp: 50644
Ion Ratio Lower Upper
43 100
72 39.9 23.7 35.5#

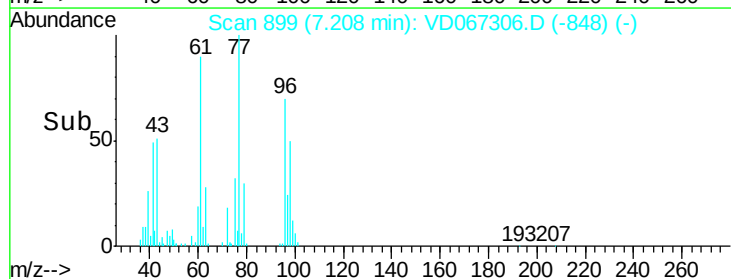
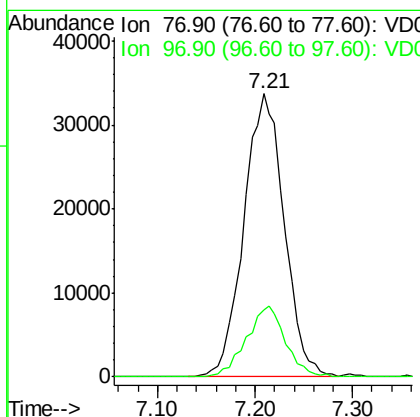
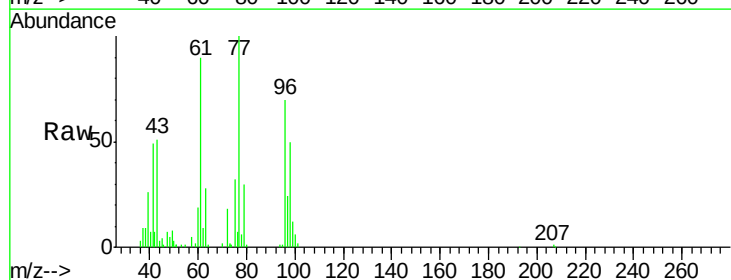
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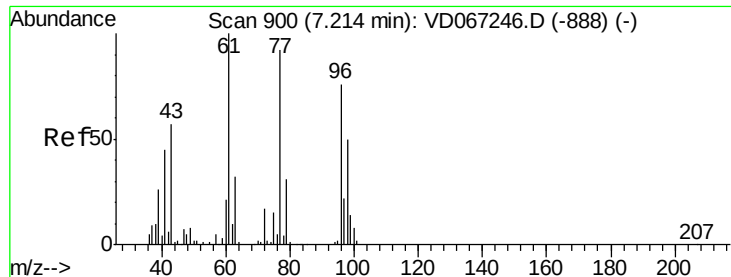
MMDadoda
10/20/2020 4:51:03 PM



#26
2,2-Dichloropropane
Concen: 20.850 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion: 77 Resp: 97339
Ion Ratio Lower Upper
77 100
97 24.1 11.4 34.2





#27

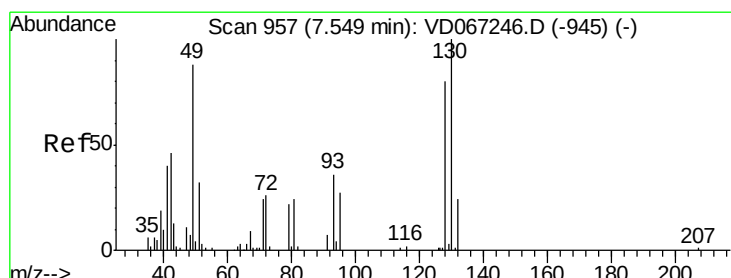
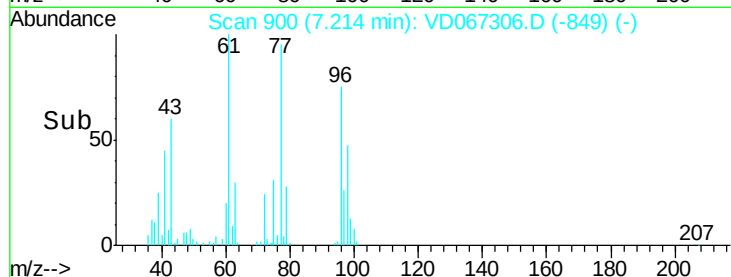
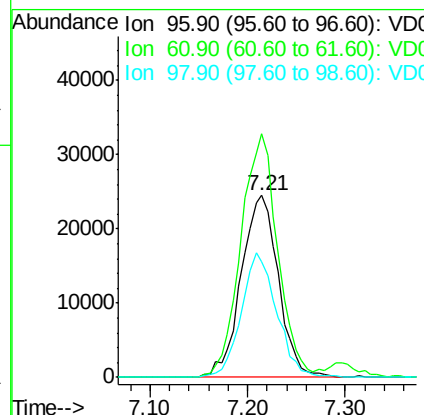
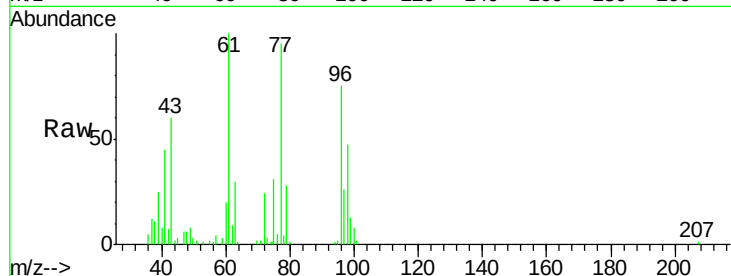
cis-1,2-Dichloroethene
Concen: 20.504 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.1	0.0	255.4
98	64.7	0.0	128.0

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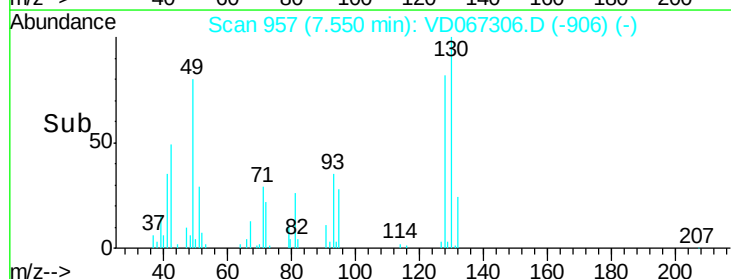
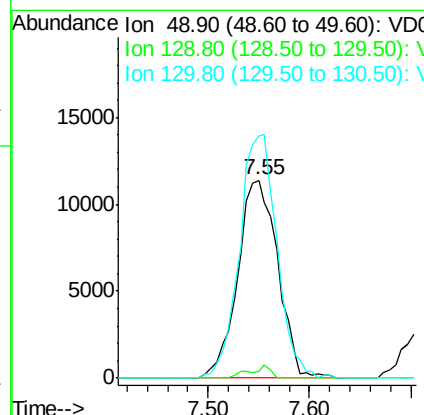
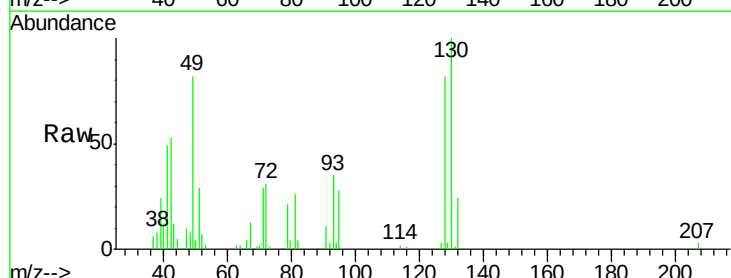
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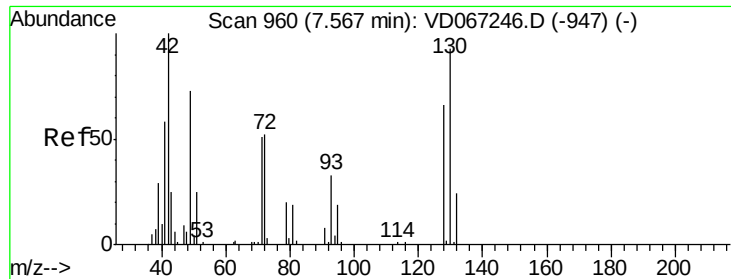


#28

Bromochloromethane
Concen: 20.175 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.3	0.0	1.6#
130	115.5	91.0	136.6





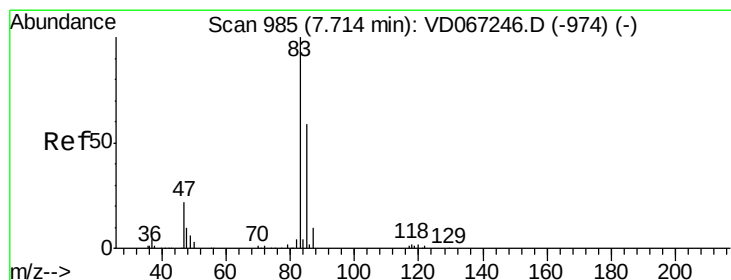
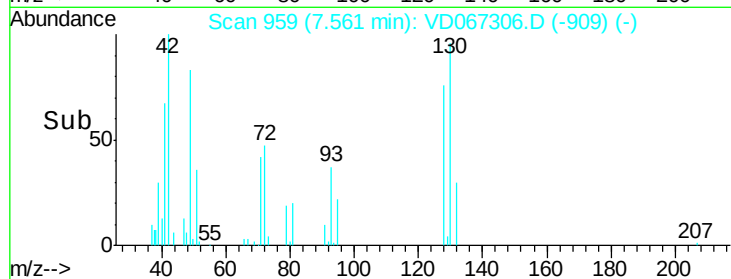
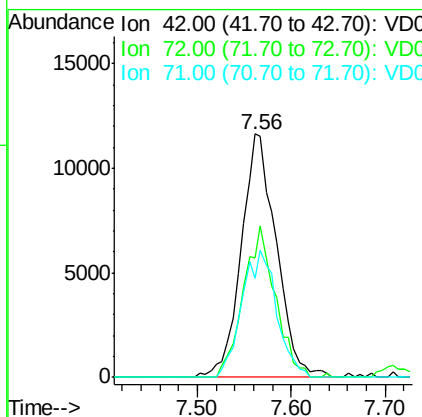
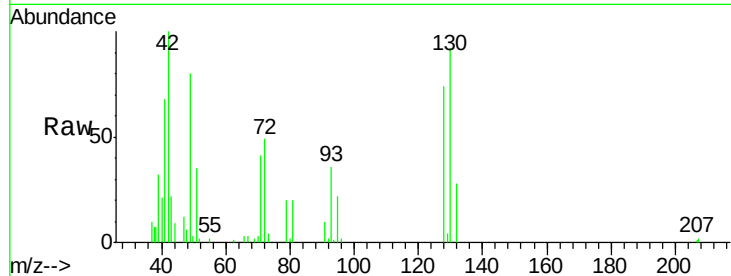
#29
Tetrahydrofuran
Concen: 110.598 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	56.3	43.2	64.8
71	51.3	39.4	59.0

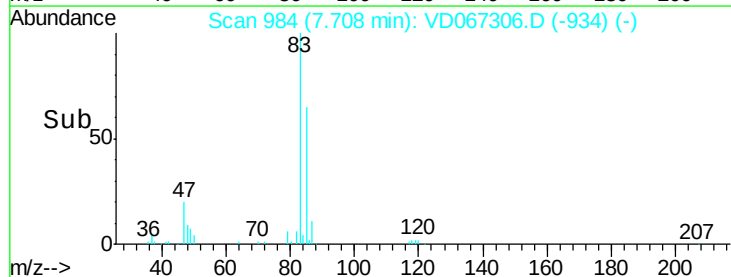
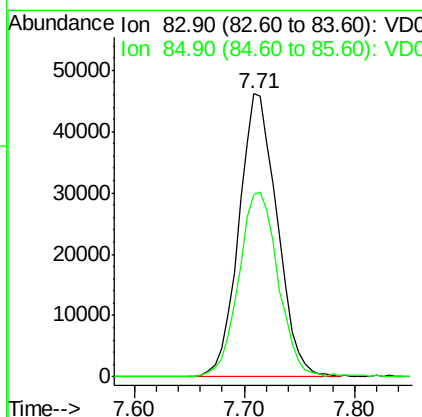
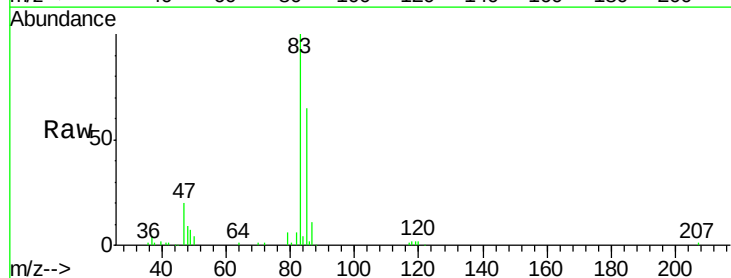
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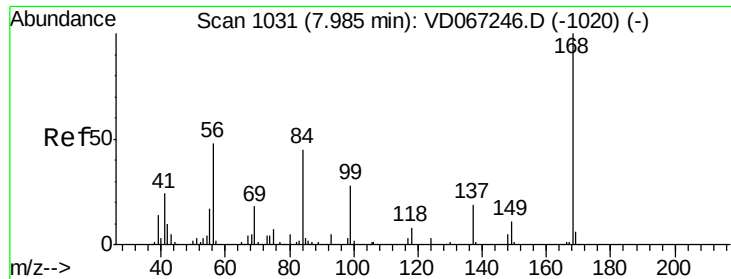
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#30
Chloroform
Concen: 20.761 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	47.3	70.9





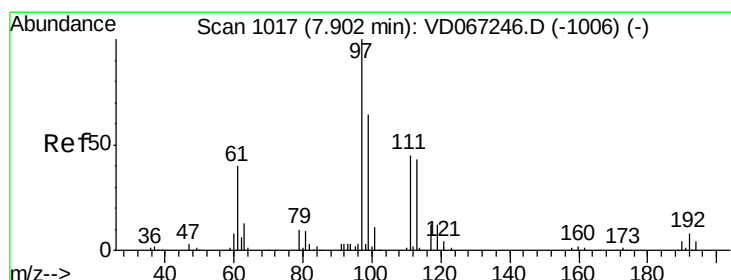
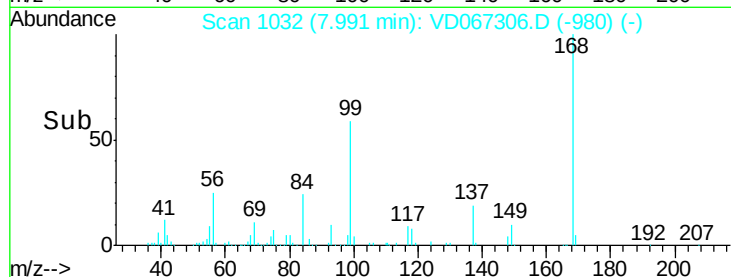
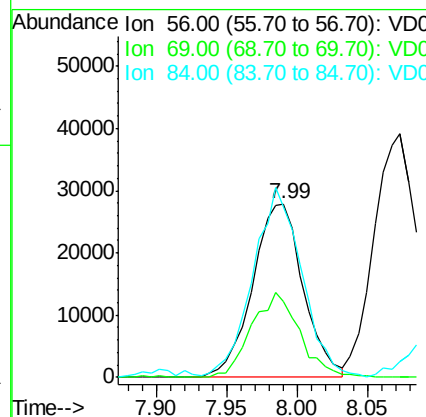
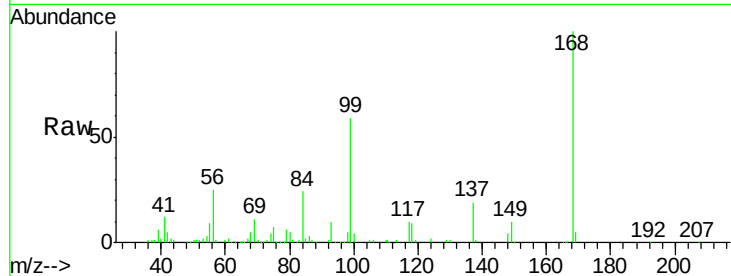
#31
Cyclohexane
Concen: 19.788 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tot Ion	Ratio	Resp	Lower	Upper
56	100	69975		
69	43.5		29.8	44.6
84	96.2		76.6	114.8

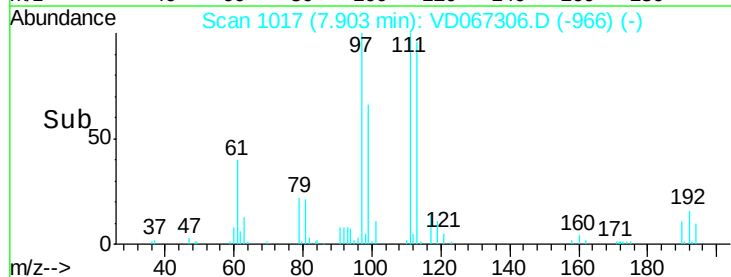
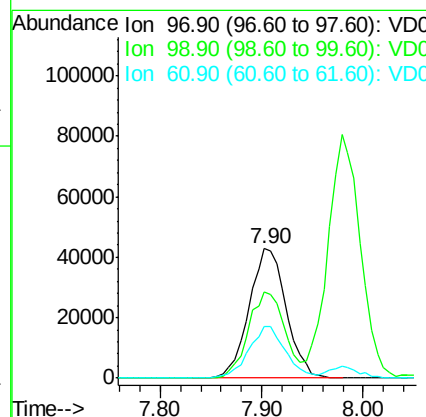
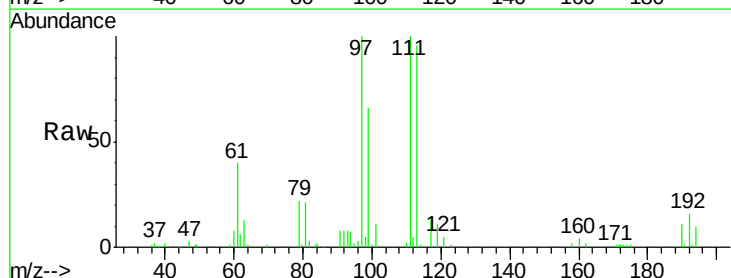
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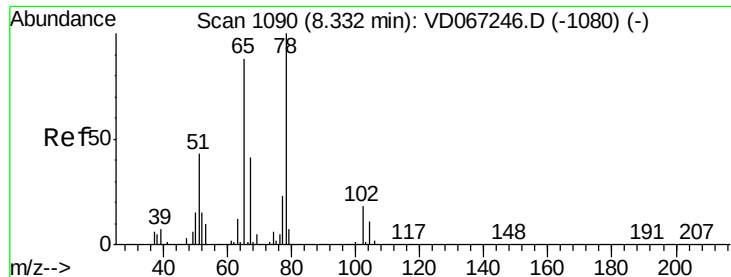
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#32
1,1,1-Trichloroethane
Concen: 20.541 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	109050		
99	64.9		50.2	75.4
61	39.1		30.5	45.7





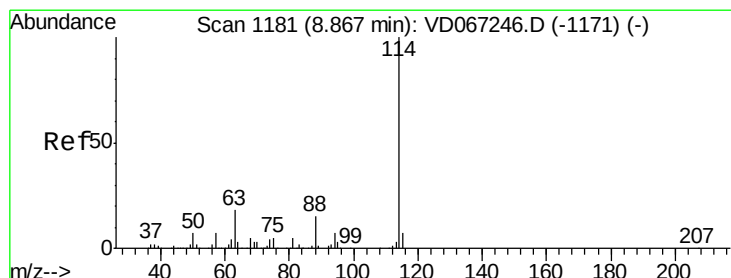
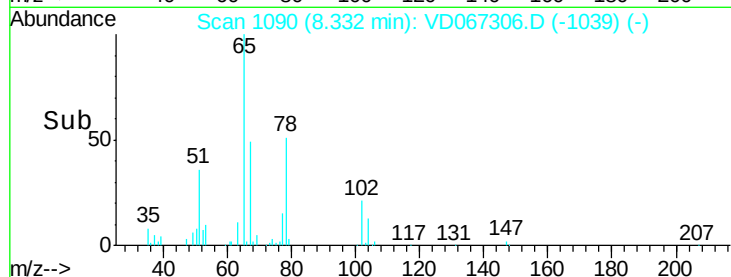
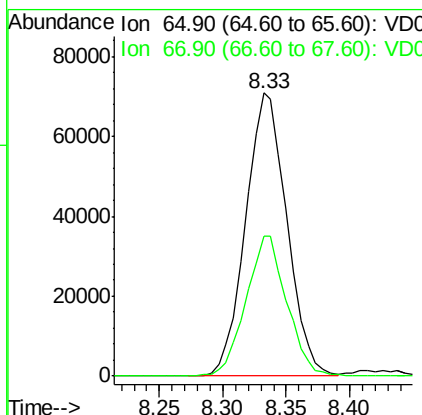
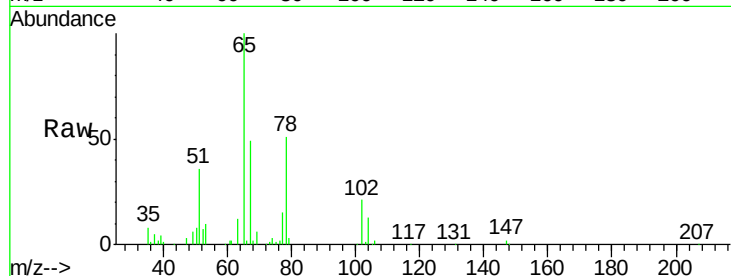
#33
 1,2-Dichloroethane-d4
 Concen: 52.154 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	160128		
67	48.9	0.0	103.8	

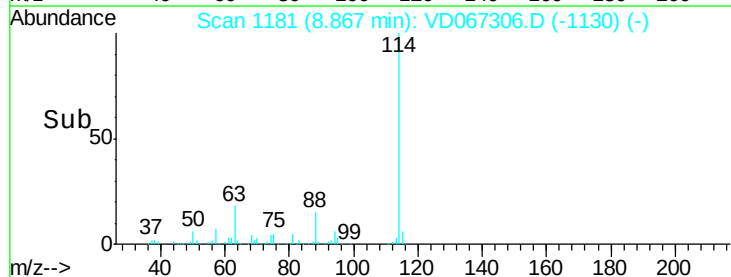
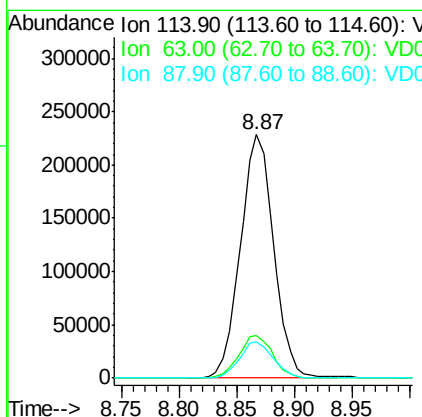
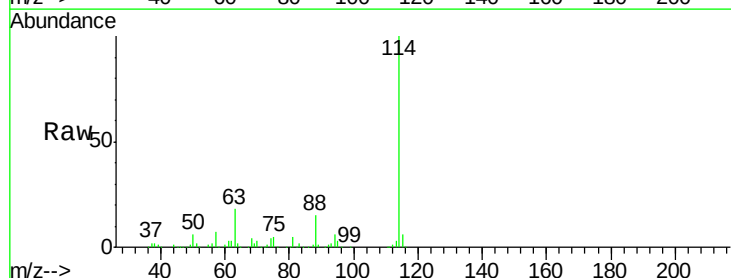
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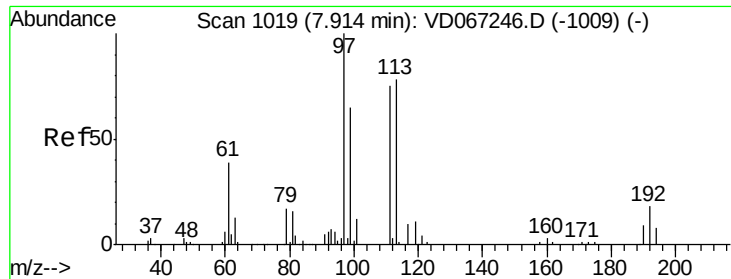
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	457645		
63	17.7	0.0	35.0	
88	14.8	0.0	30.6	





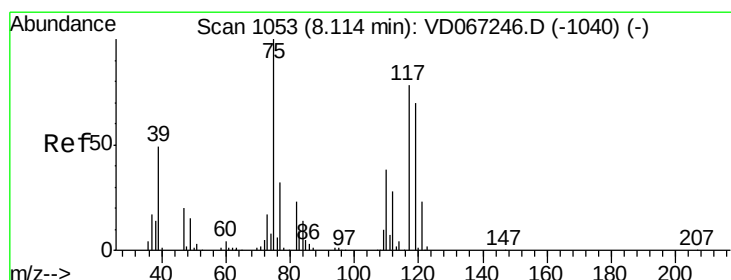
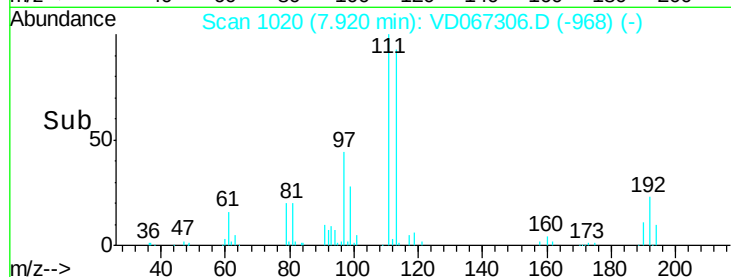
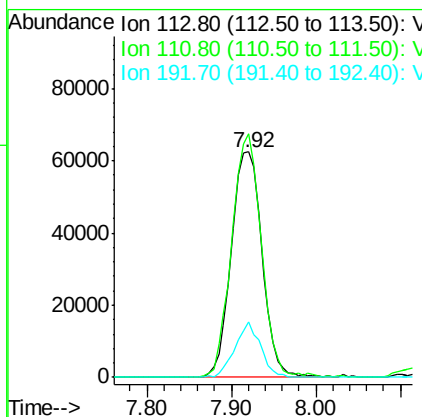
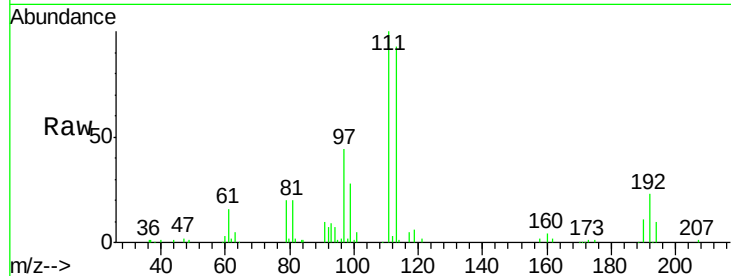
#35
 Dibromofluoromethane
 Concen: 51.703 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	157468		
111	104.0	81.6	122.4	
192	20.4	17.0	25.4	

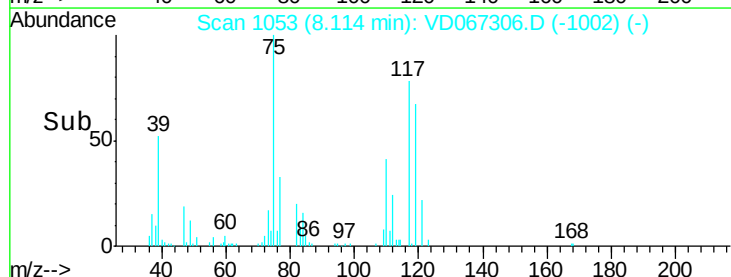
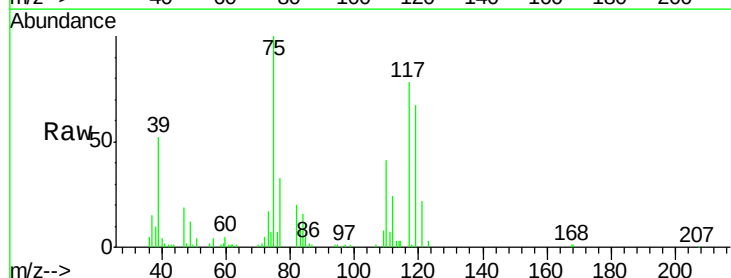
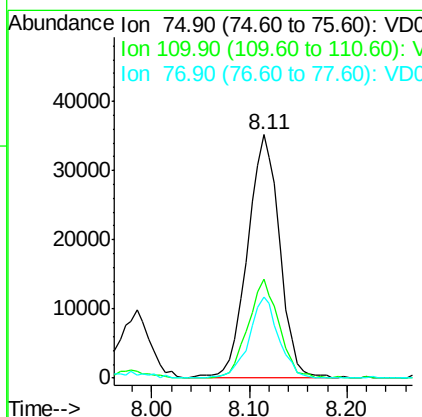
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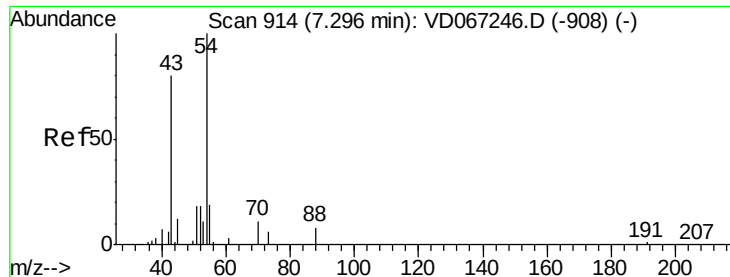
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#36
 1,1-Dichloropropene
 Concen: 20.915 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	81128		
110	39.0	19.6	58.7	
77	30.7	24.6	37.0	





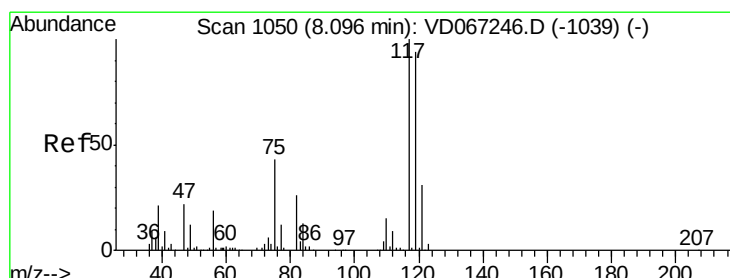
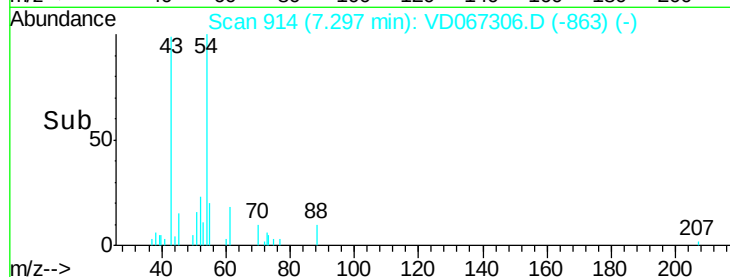
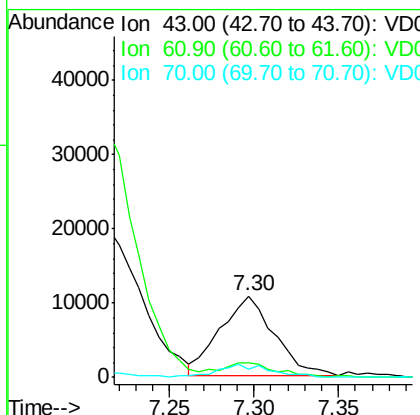
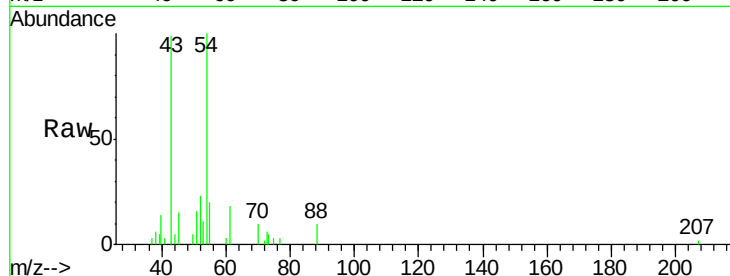
#37
Ethyl Acetate
Concen: 20.892 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.6	23.4
70	16.2	10.4	15.6

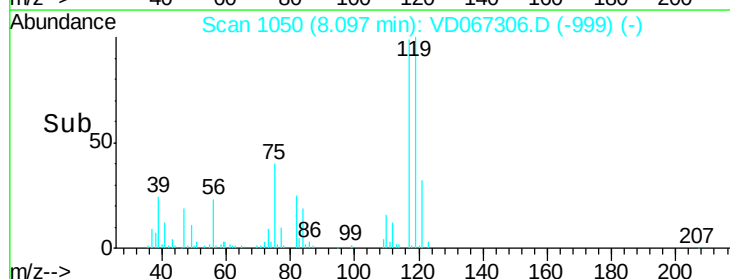
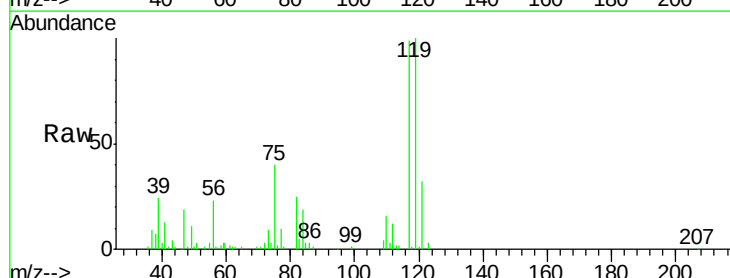
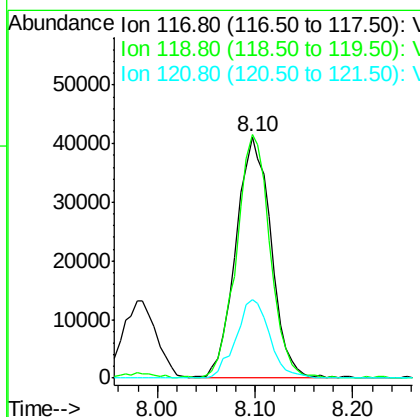
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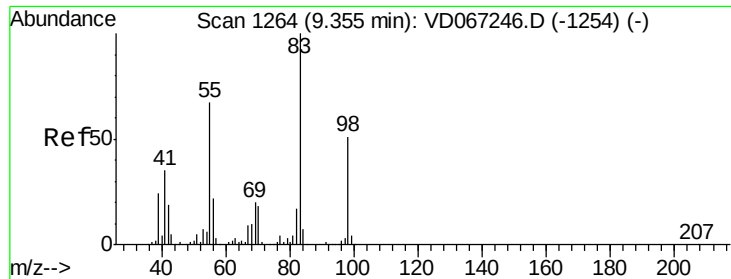
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#38
Carbon Tetrachloride
Concen: 20.973 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.8	75.0	112.4
121	32.4	24.9	37.3





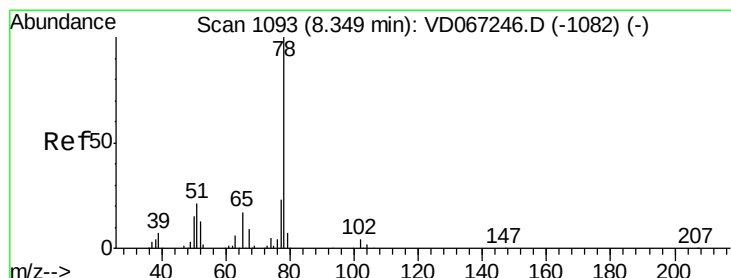
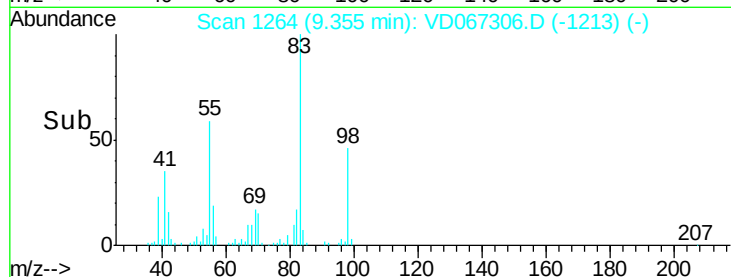
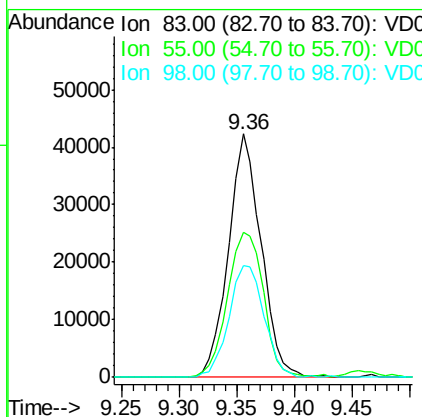
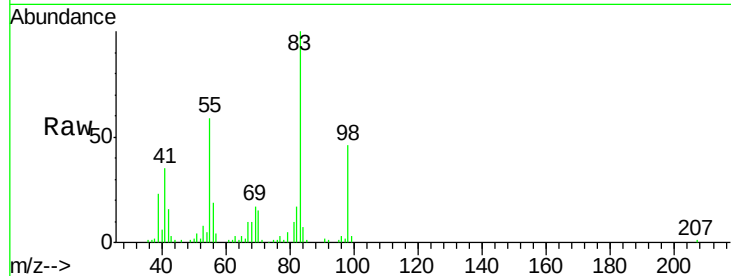
#39
Methylvlcyclohexane
Concen: 20.521 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	59.3	53.3	79.9
98	45.9	41.0	61.4

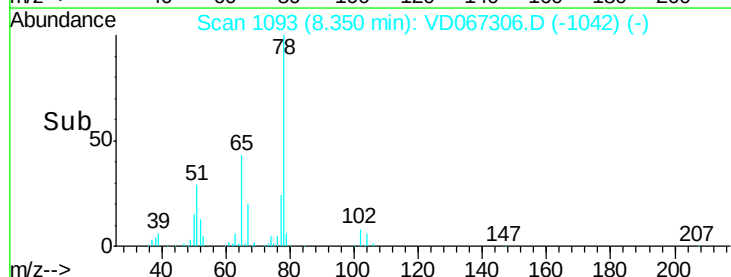
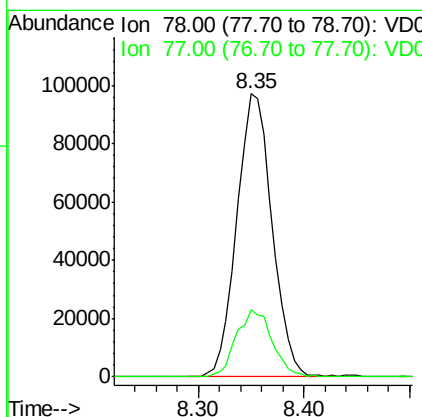
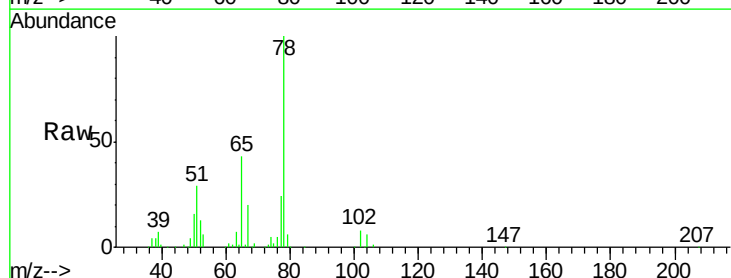
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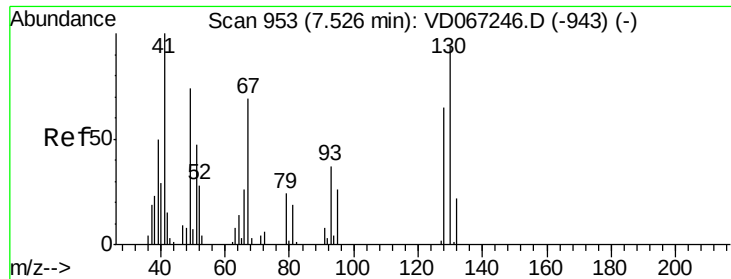
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#40
Benzene
Concen: 21.135 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.3	27.5





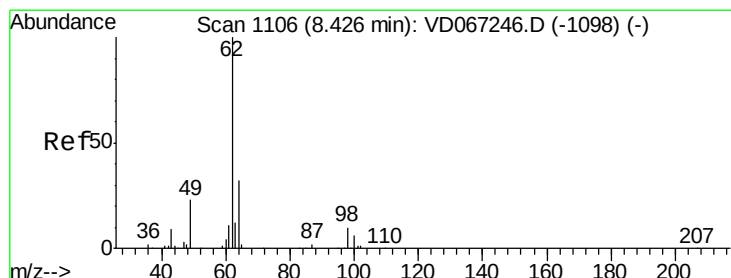
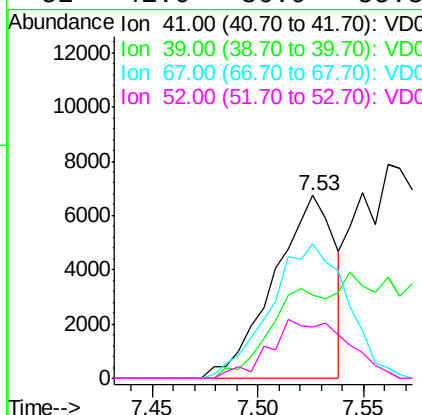
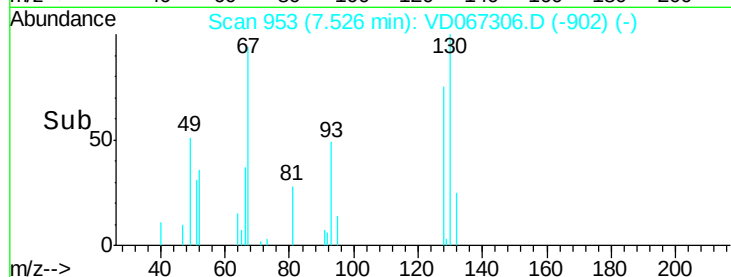
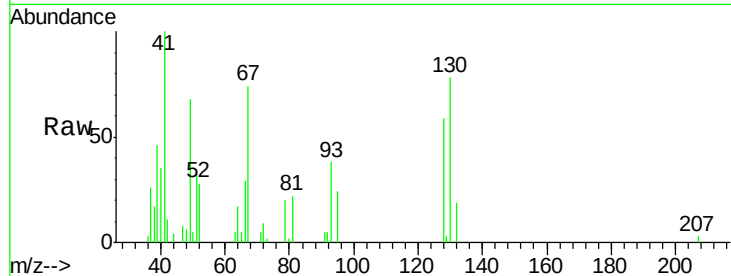
#41
Methacrylonitrile
Concen: 21.943 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	45.4	60.0	90.0#
67	93.1	88.9	133.3
52	41.0	36.9	55.3

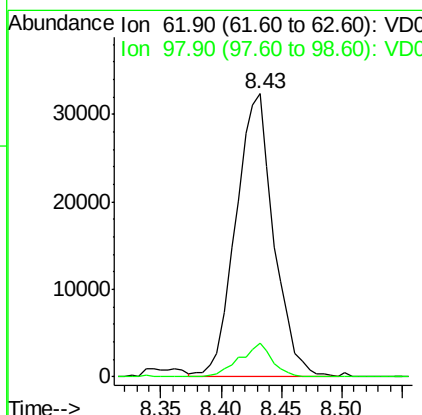
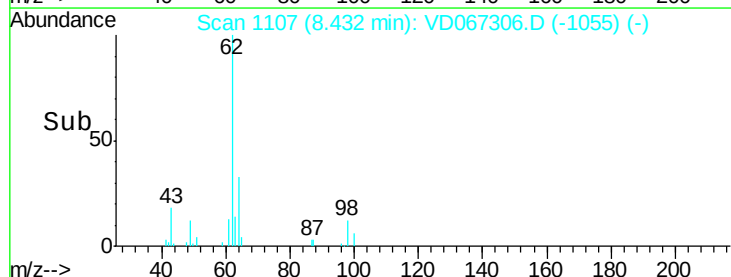
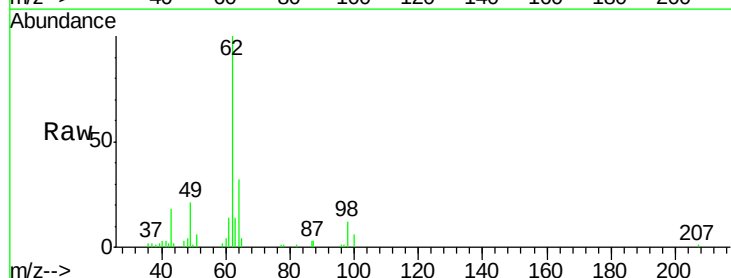
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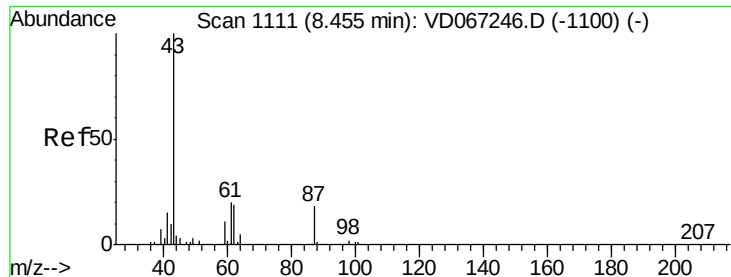
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#42
1,2-Dichloroethane
Concen: 21.336 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4





#43

Isopropyl Acetate

Concen: 20.848 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

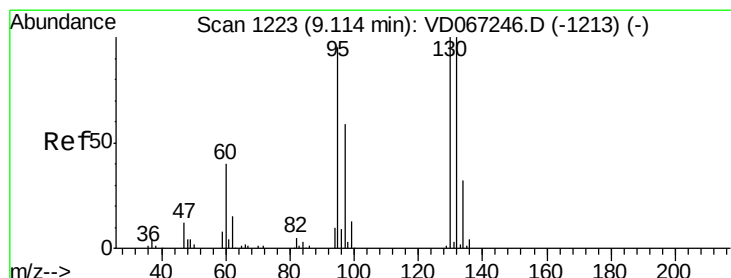
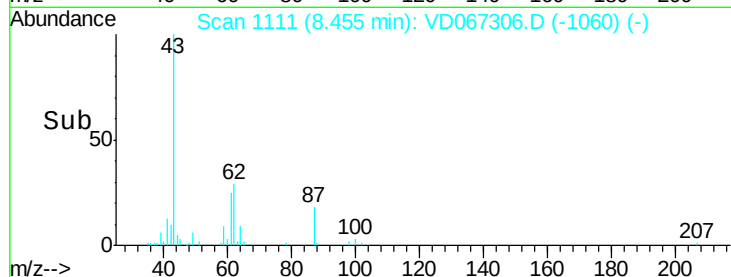
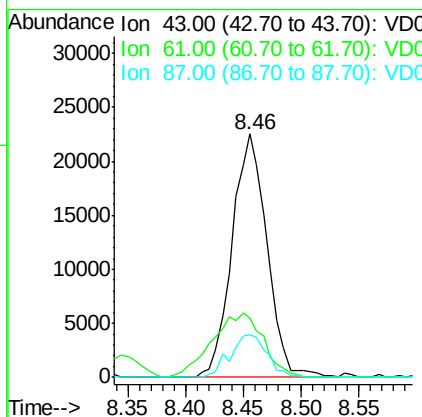
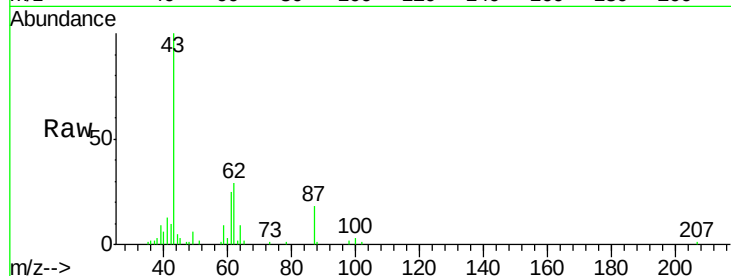
ClientSampleId :

VD1019SBS01

Tot Ion:	43	Resp:	47210
Ion	Ratio	Lower	Upper
43	100		
61	38.8	29.5	44.3
87	18.6	14.2	21.4

Manual Integrations
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#44

Trichloroethene

Concen: 20.584 ug/l

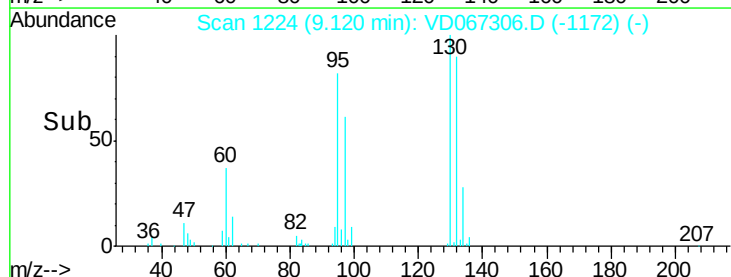
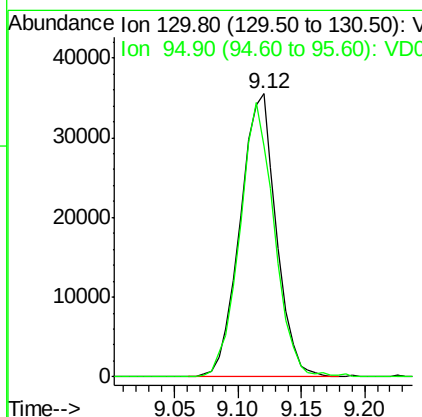
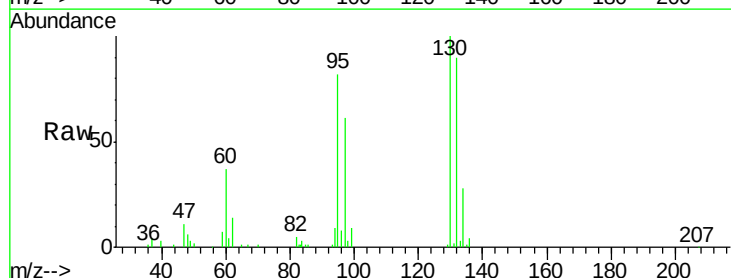
RT: 9.12 min Scan# 1224

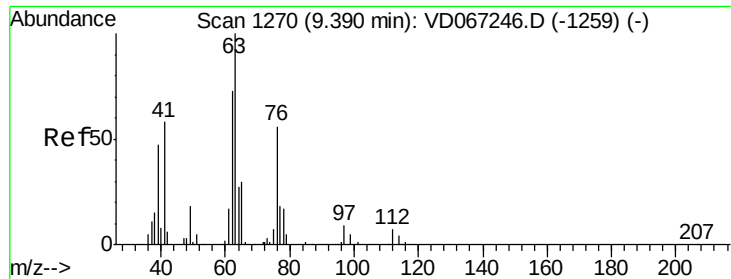
Delta R.T. 0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Tgt Ion:	130	Resp:	70131
Ion	Ratio	Lower	Upper
130	100		
95	81.6	0.0	190.6





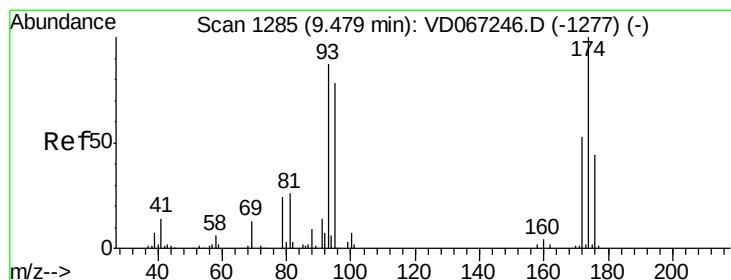
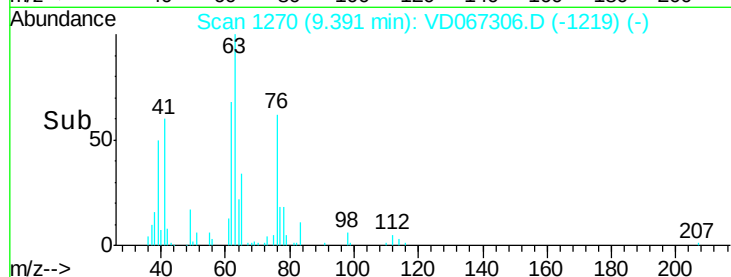
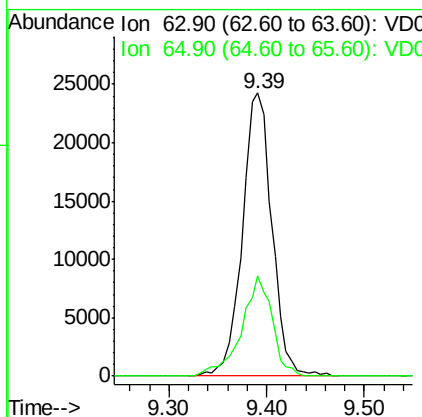
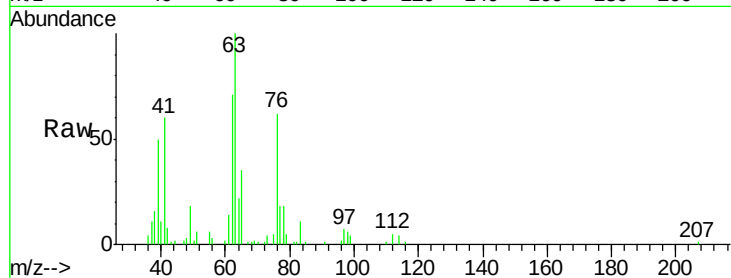
#45
 1,2-Dichloropropane
 Concen: 20.692 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

Tot Ion: 63 Resp: 51030
 Ion Ratio Lower Upper
 63 100
 65 35.3 24.6 36.8

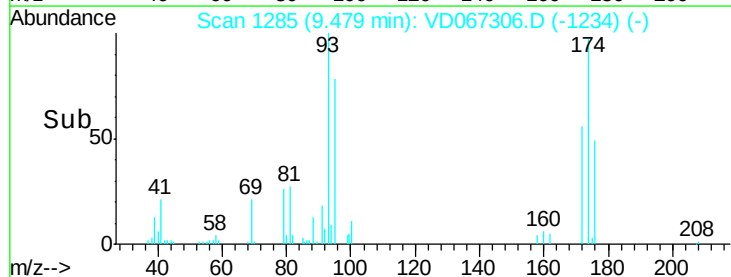
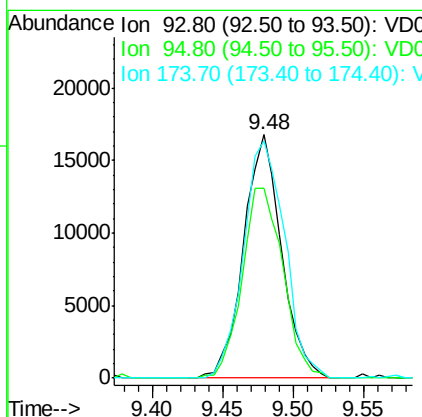
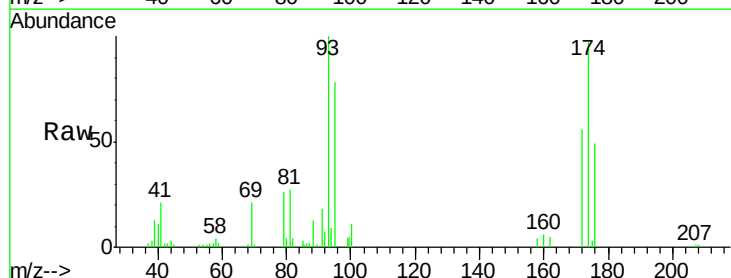
Manual Integrations
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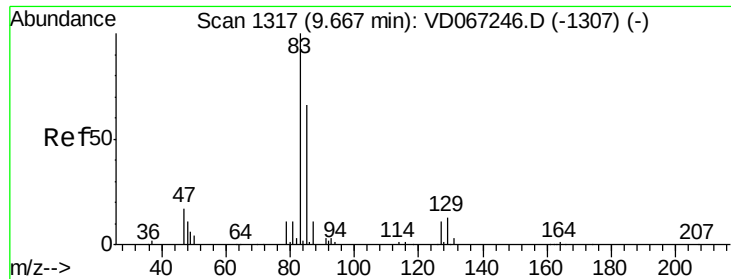
MMDadoda
 10/20/2020 4:51:03 PM



#46
 Dibromomethane
 Concen: 20.588 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Tgt Ion: 93 Resp: 31635
 Ion Ratio Lower Upper
 93 100
 95 84.2 68.0 102.0
 174 105.9 91.8 137.6





#47

Bromodichloromethane

Concen: 21.059 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

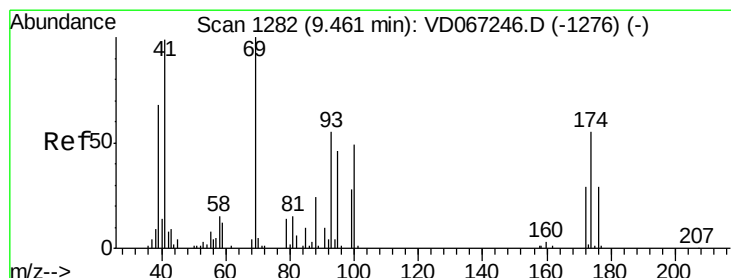
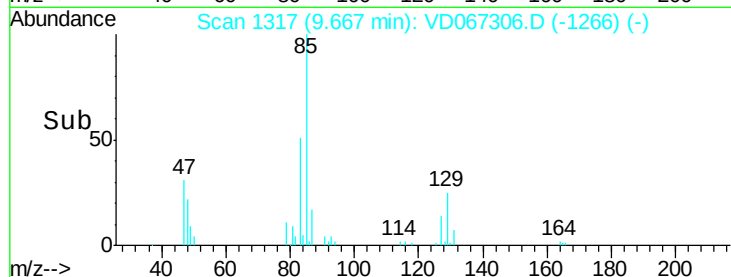
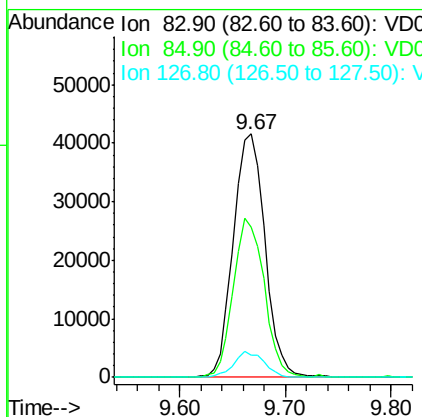
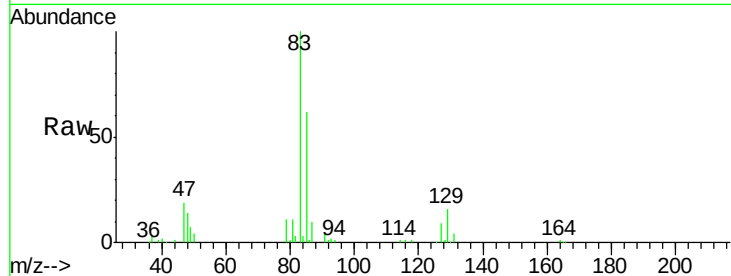
ClientSampleId :

VD1019SBS01

Tot Ion:	83	Resp:	86697
Ion	Ratio	Lower	Upper
83	100		
85	61.7	53.1	79.7
127	8.9	8.6	13.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.120 ug/l

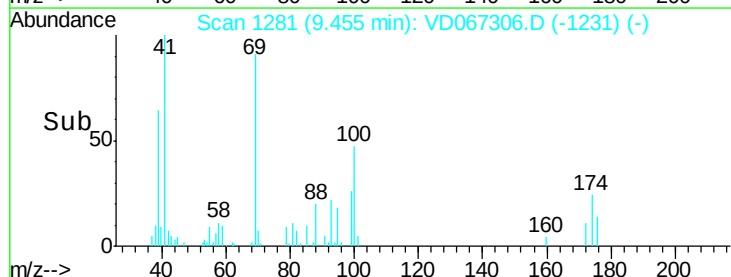
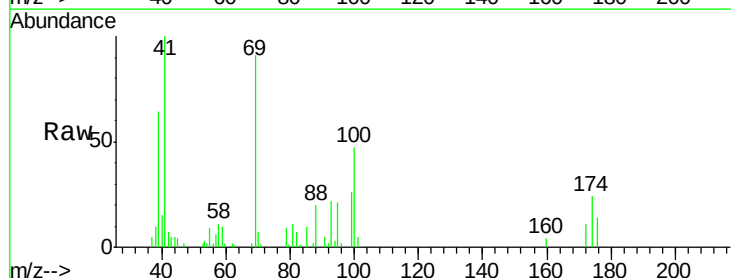
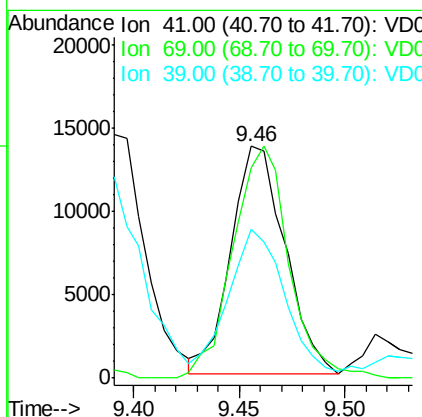
RT: 9.46 min Scan# 1281

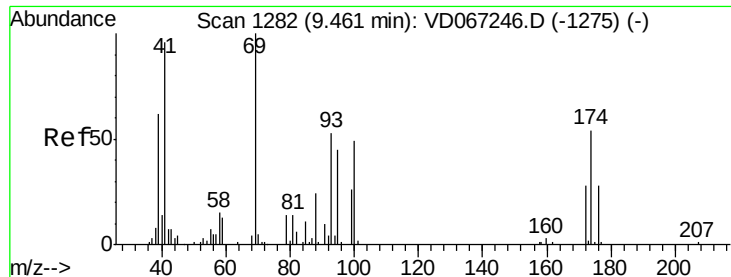
Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Tgt Ion:	41	Resp:	24342
Ion	Ratio	Lower	Upper
41	100		
69	105.8	89.0	133.6
39	69.8	60.2	90.2





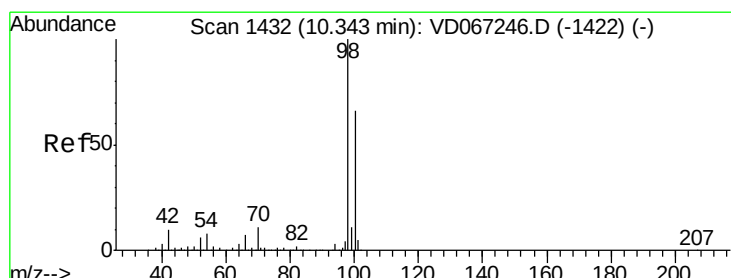
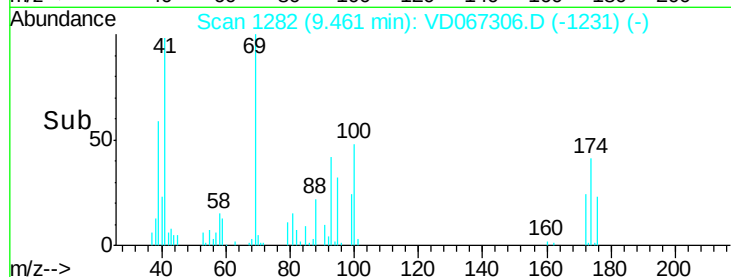
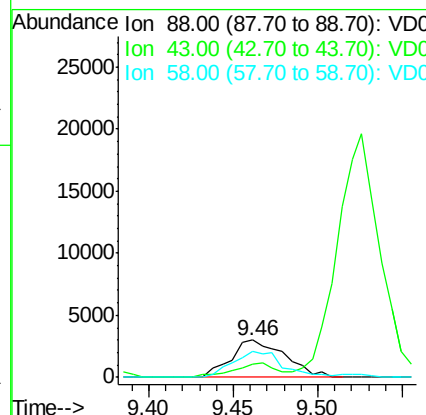
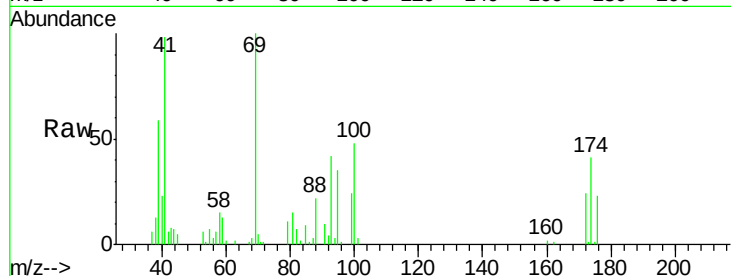
#49
1,4-Dioxane
Concen: 426.575 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tot Ion: 88 Resp: 6602
Ion Ratio Lower Upper
88 100
43 29.7 23.9 35.9
58 65.8 51.0 76.6

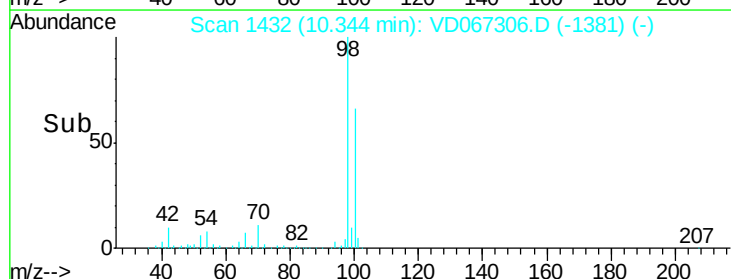
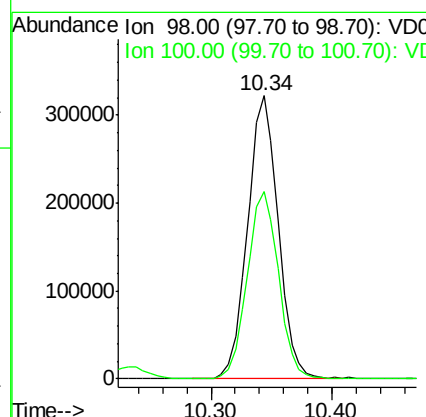
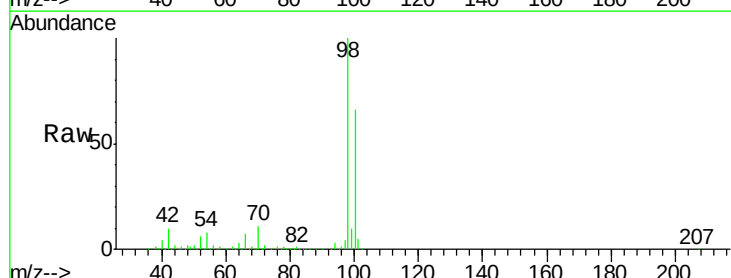
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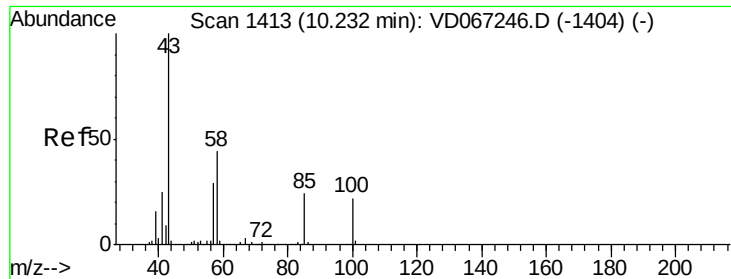
MMDadoda
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#50
Toluene-d8
Concen: 51.914 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion: 98 Resp: 572187
Ion Ratio Lower Upper
98 100
100 67.6 53.1 79.7





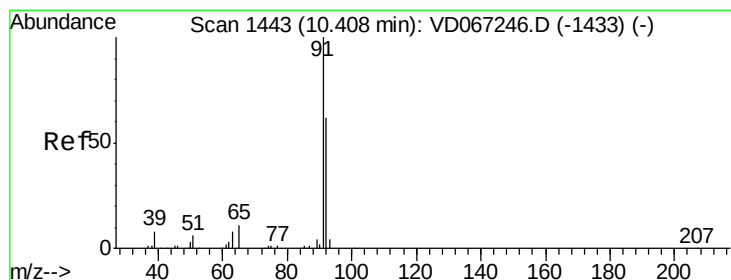
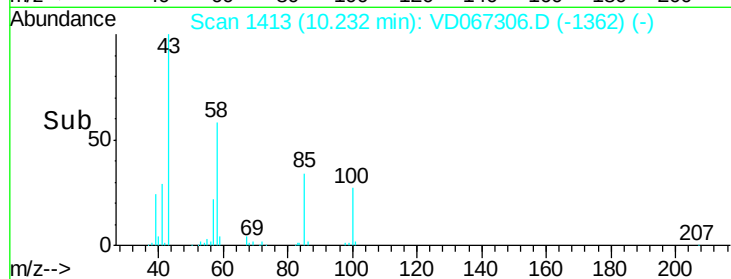
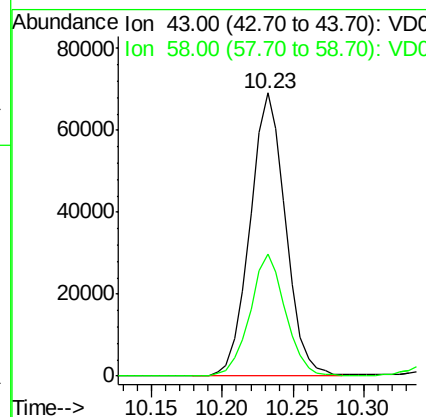
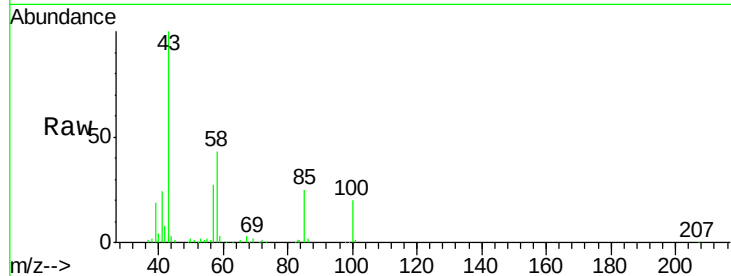
#51
4-Methyl-2-Pentanone
Concen: 108.186 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleID :
VD1019SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.1	35.7	53.5

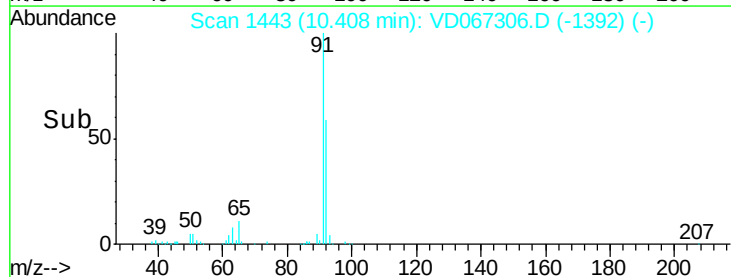
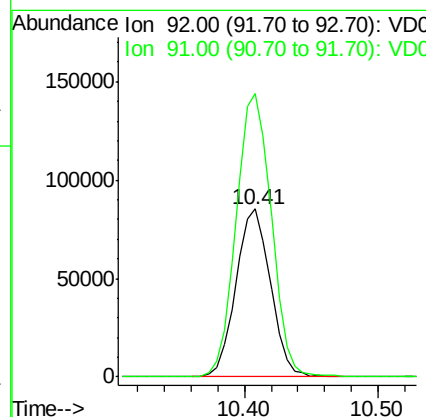
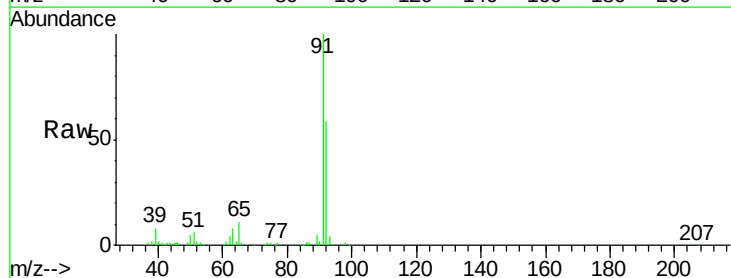
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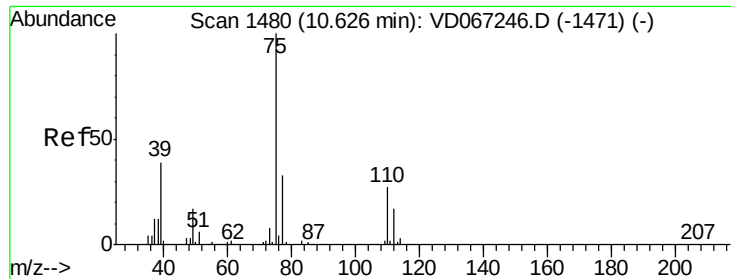
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#52
Toluene
Concen: 21.240 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.0	133.8	200.8





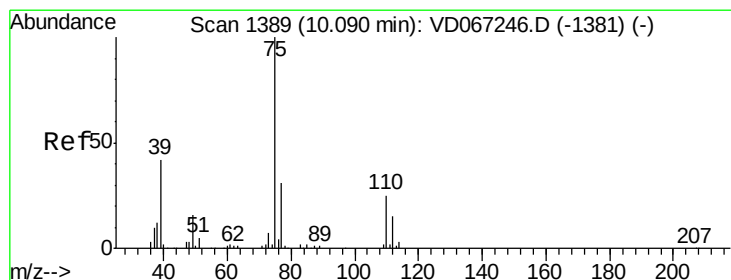
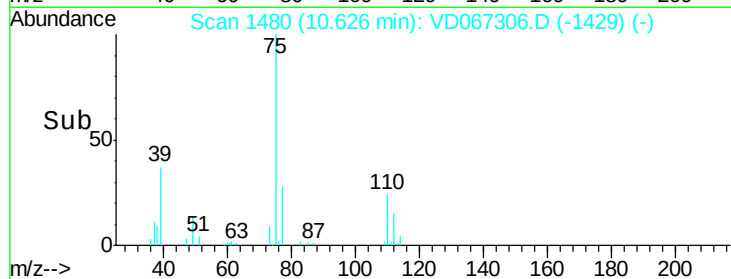
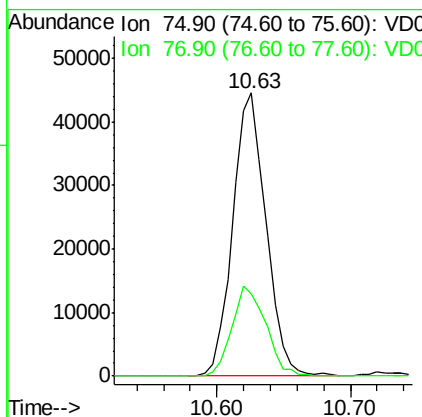
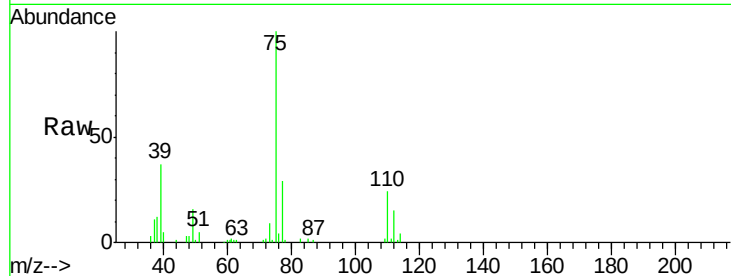
#53
 t-1,3-Dichloropropene
 Concen: 21.326 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

Tot Ion: 75 Resp: 77123
 Ion Ratio Lower Upper
 75 100
 77 28.9 26.5 39.7

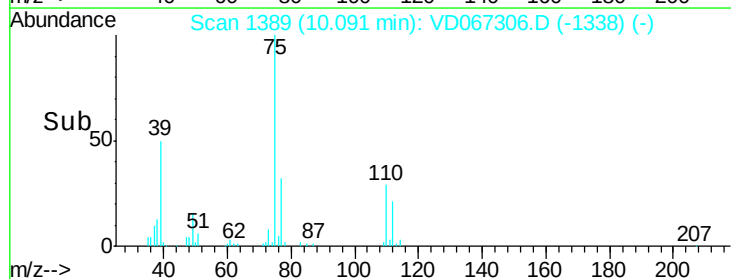
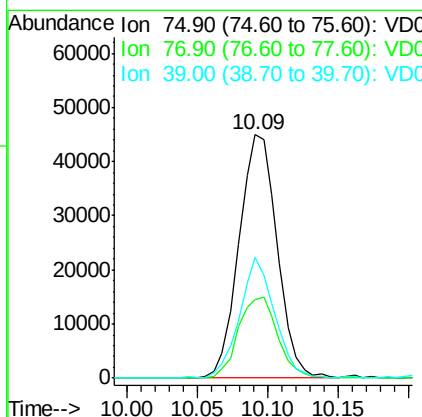
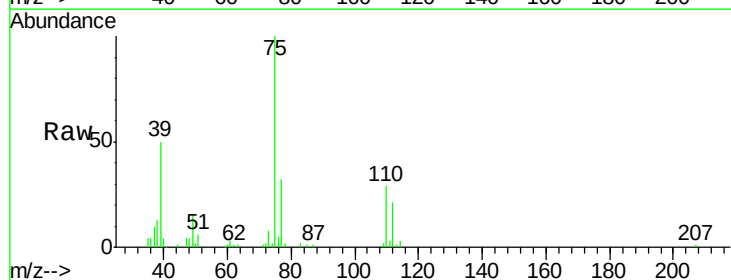
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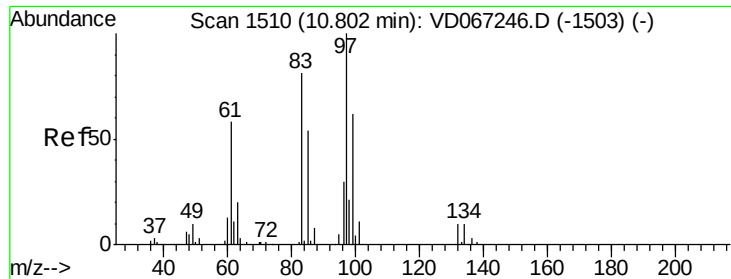
MMDadoda
 10/20/2020 4:51:03 PM



#54
 cis-1,3-Dichloropropene
 Concen: 20.104 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Tgt Ion: 75 Resp: 85088
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.5 36.7
 39 49.8 33.7 50.5





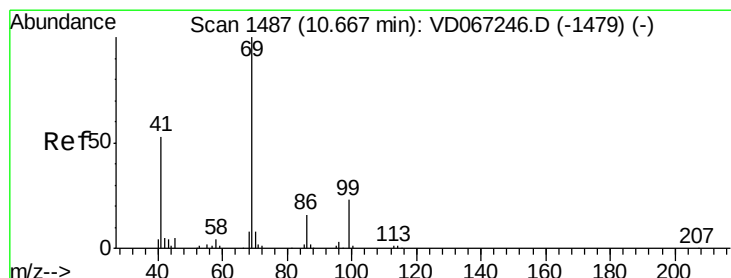
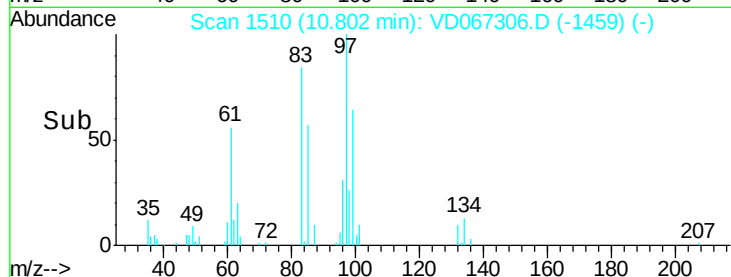
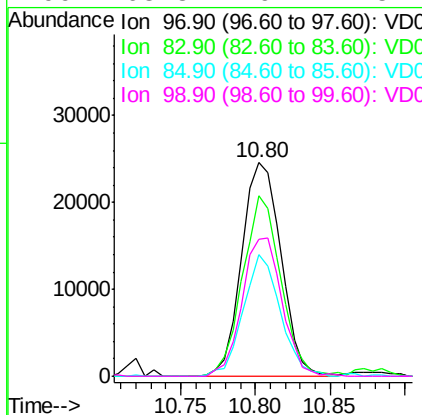
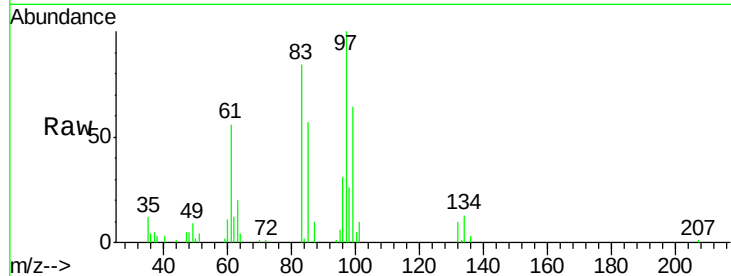
#55
 1,1,2-Trichloroethane
 Concen: 21.447 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

Tot Ion	97	Resp:	44938
Ion	Ratio	Lower	Upper
97	100		
83	84.2	64.9	97.3
85	57.0	43.3	64.9
99	63.8	49.1	73.7

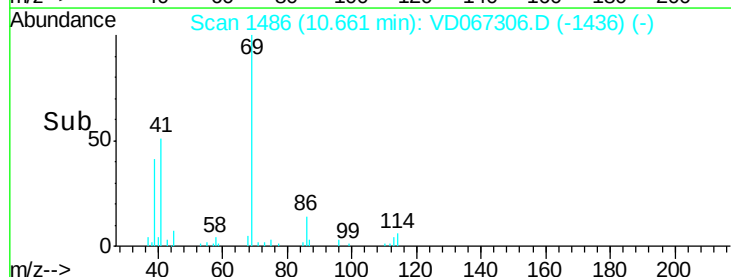
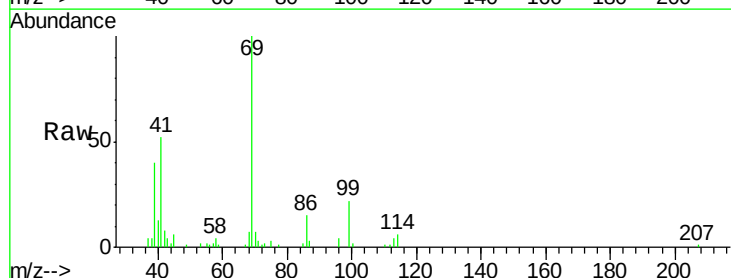
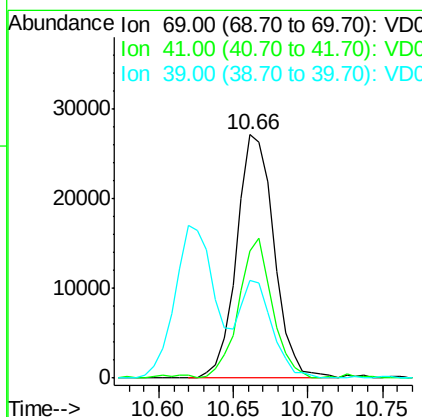
Manual Integrations
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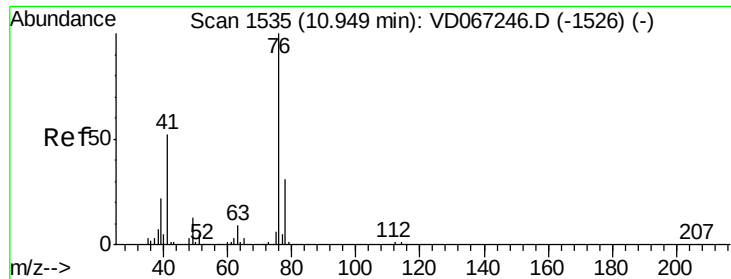
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#56
 Ethyl methacrylate
 Concen: 21.694 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Tgt Ion	69	Resp:	47142
Ion	Ratio	Lower	Upper
69	100		
41	51.4	44.7	67.1
39	33.6	26.2	39.2





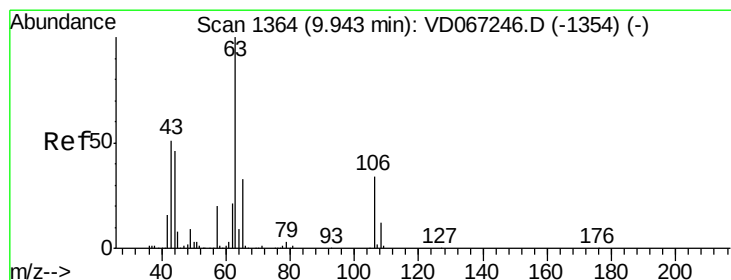
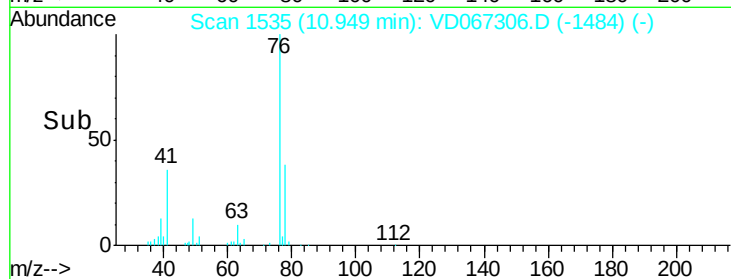
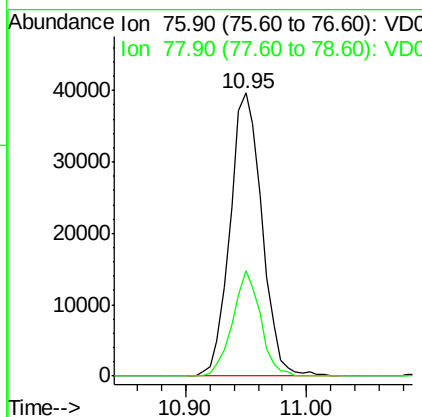
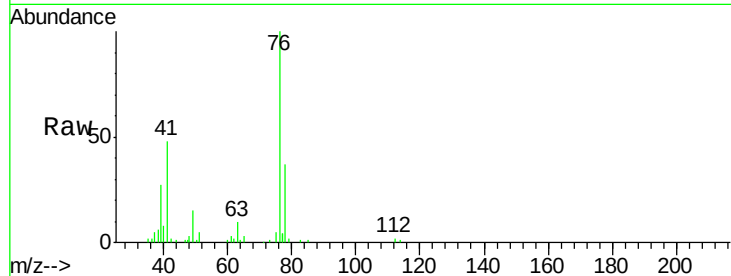
#57
 1,3-Dichloropropane
 Concen: 21.900 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.8	40.2

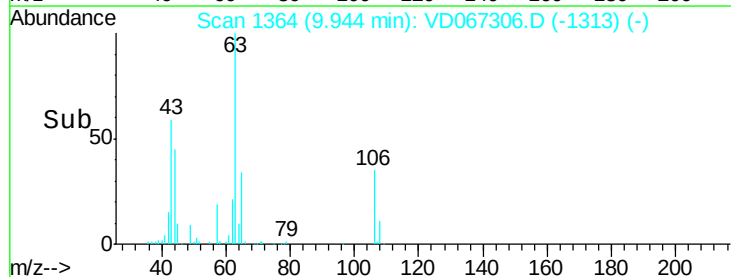
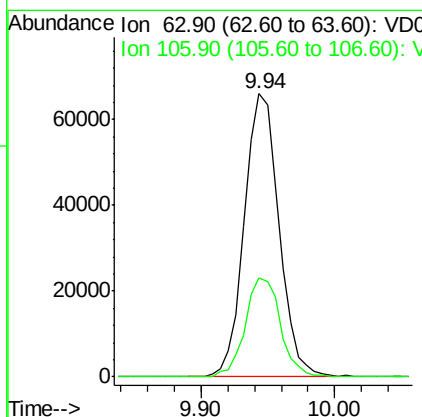
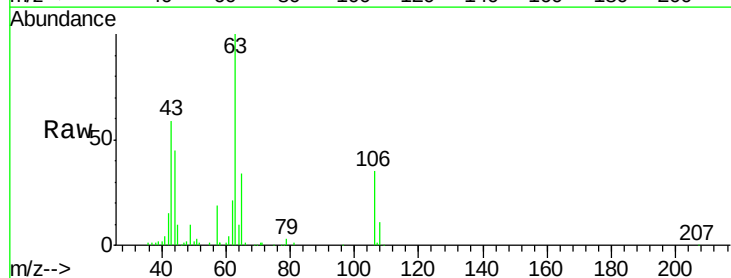
Manual Integrations
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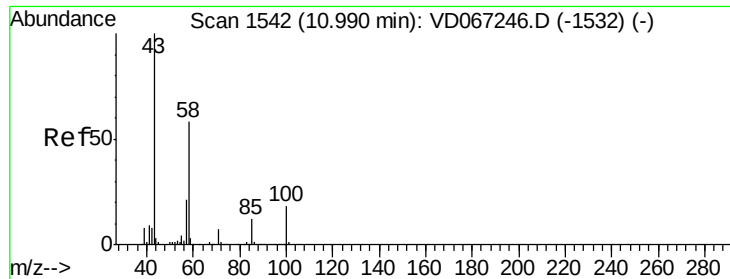
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 10/20/2020 4:51:03 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.959 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
63	100		
106	35.3	27.8	41.6





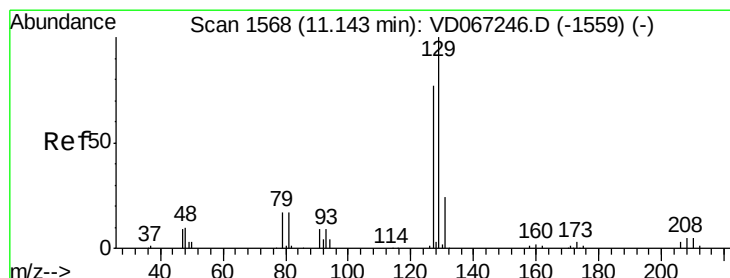
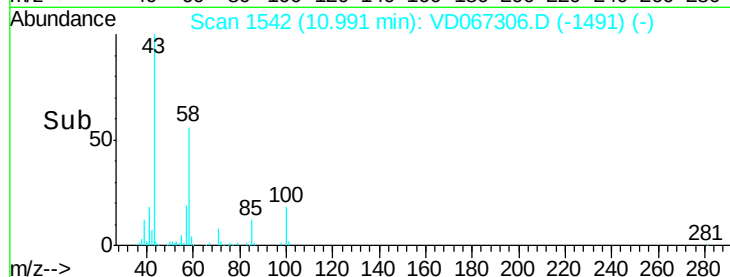
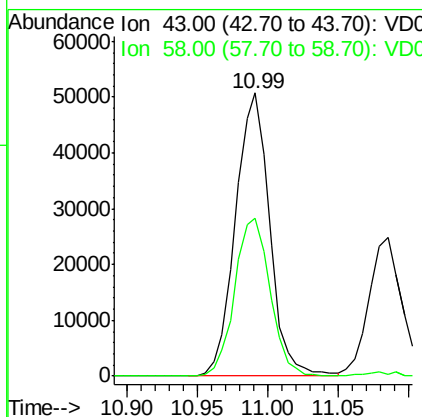
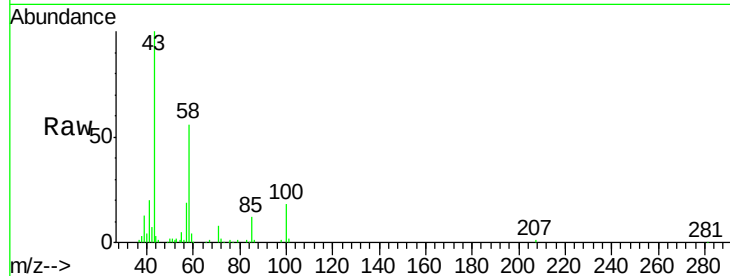
#59
2-Hexanone
Concen: 111.408 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tot Ion	43	Resp	85984
Ion Ratio	100	Lower	Upper
43	100		
58	57.6	29.3	87.9

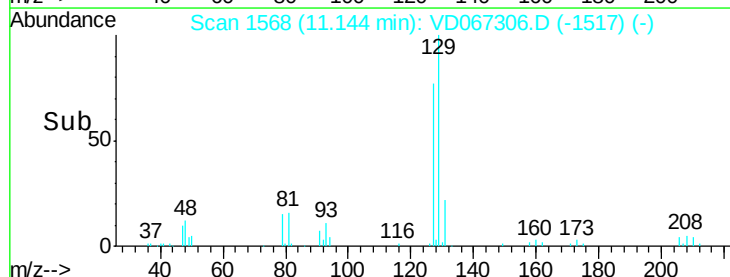
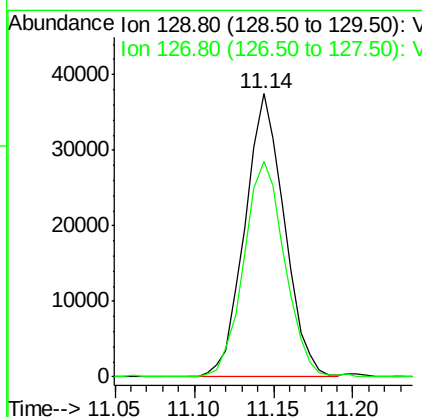
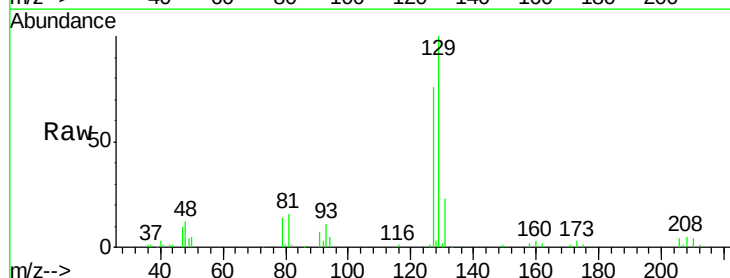
Manual Integrations
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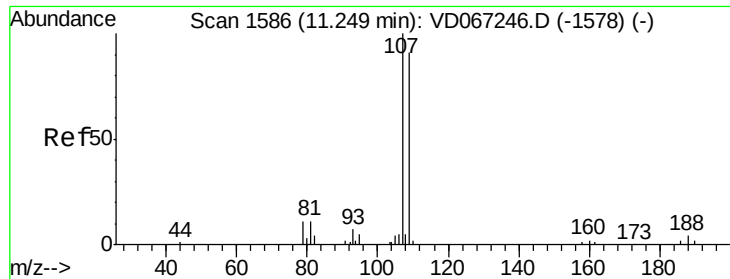
MMDadoda
10/20/2020 4:51:03 PM



#60
Dibromochloromethane
Concen: 21.260 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	129	Resp	64965
Ion Ratio	100	Lower	Upper
129	100		
127	78.7	38.3	114.8





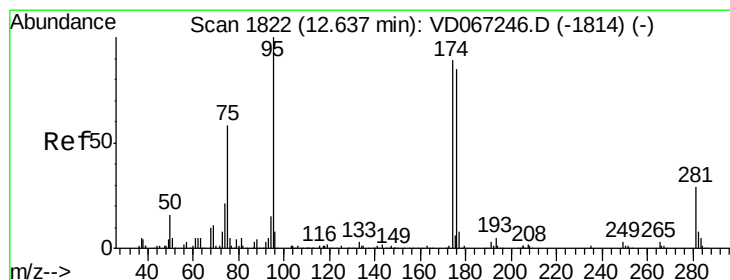
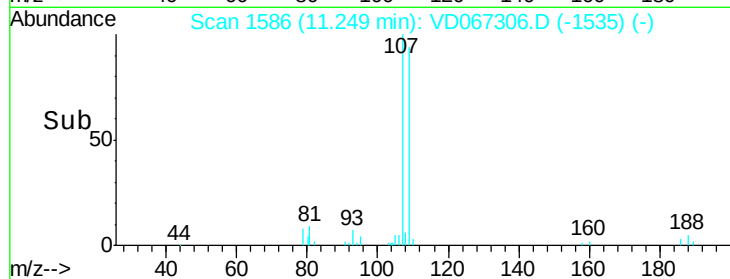
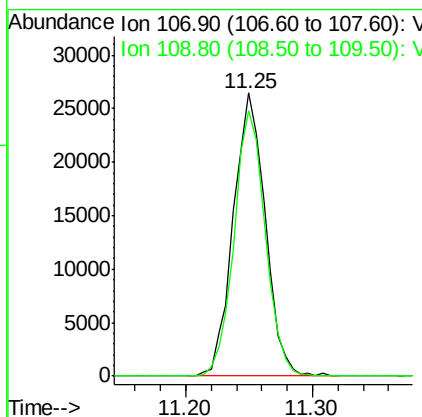
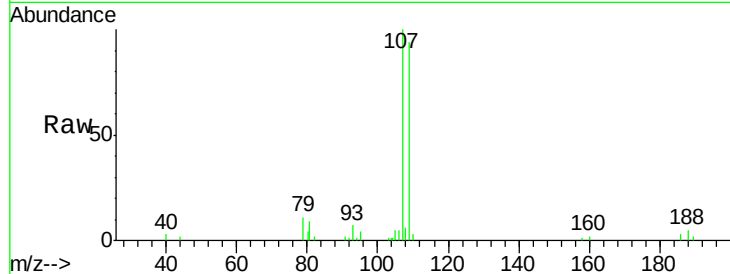
#61
 1,2-Dibromoethane
 Concen: 22.276 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

Tot Ion: 107 Resp: 46015
 Ion Ratio Lower Upper
 107 100
 109 91.6 74.6 112.0

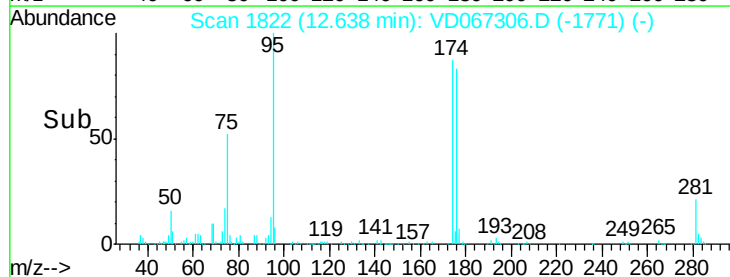
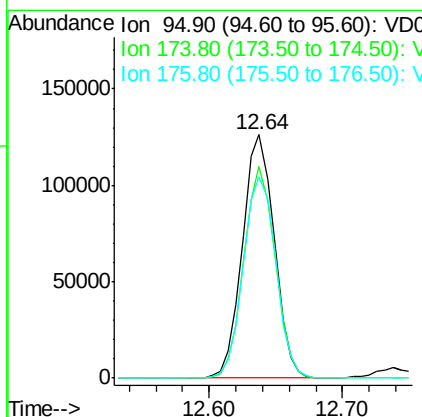
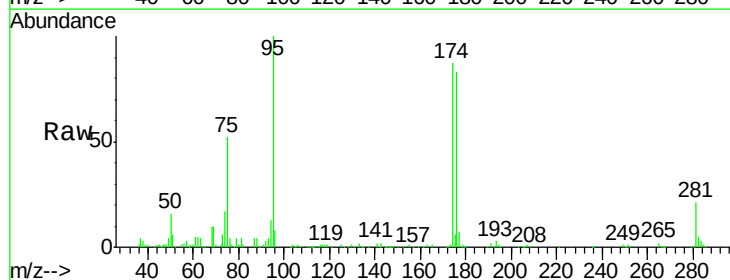
Manual Integrations
 APPROVED

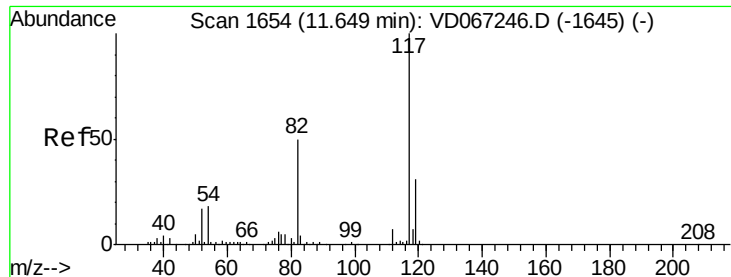
MMDadoda
 10/20/2020 4:51:03 PM



#62
 4-Bromofluorobenzene
 Concen: 54.314 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Tgt Ion: 95 Resp: 208161
 Ion Ratio Lower Upper
 95 100
 174 85.3 0.0 175.2
 176 84.3 0.0 168.6





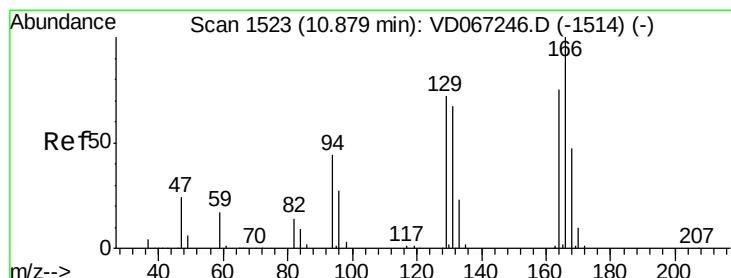
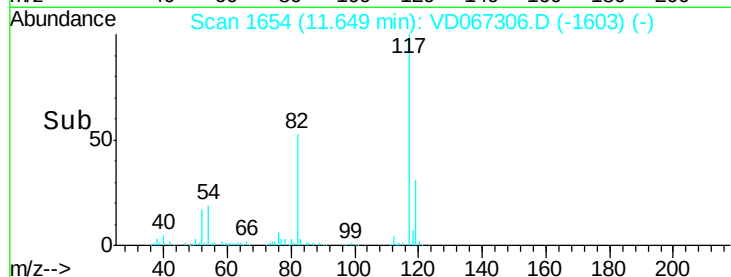
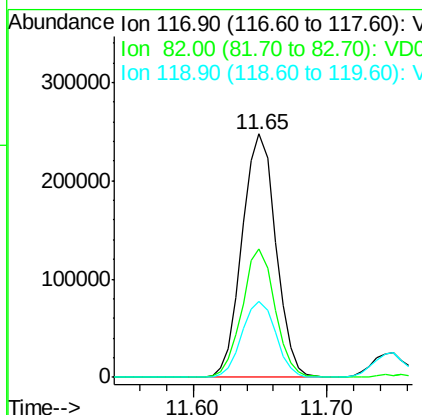
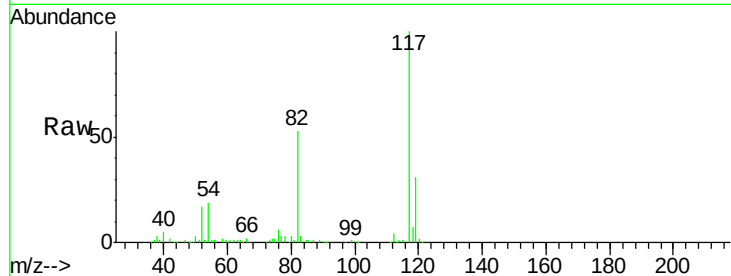
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	39.9	59.9
119	31.4	24.9	37.3

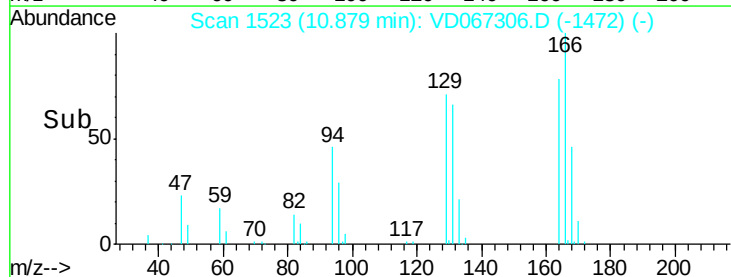
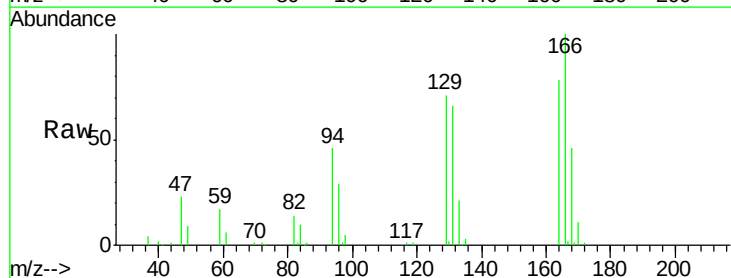
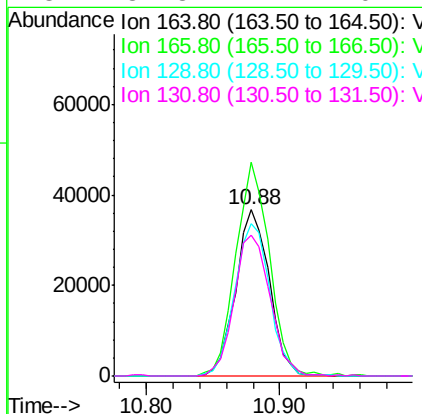
Manual Integrations
APPROVED

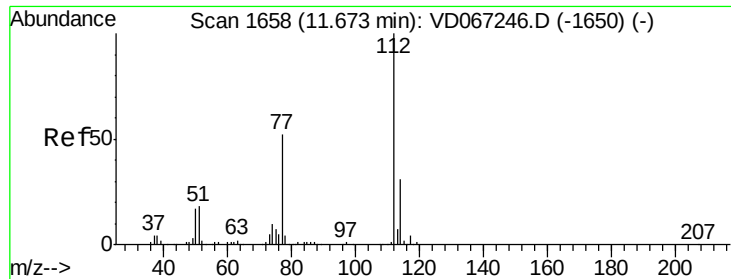
MMDadoda
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#64
Tetrachloroethene
Concen: 20.382 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	107.3	160.9
129	91.9	77.3	115.9
131	84.8	71.4	107.2





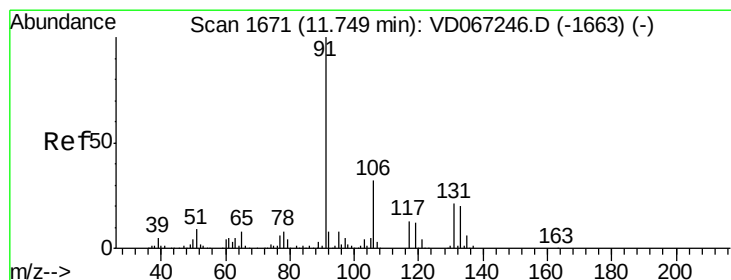
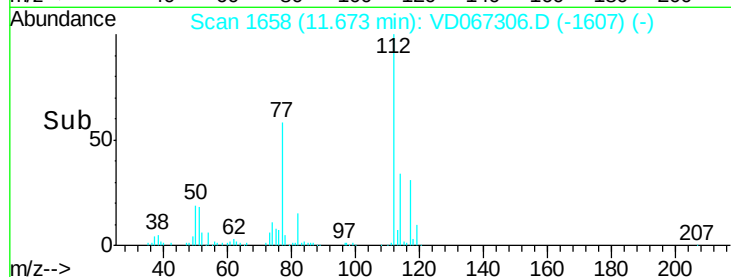
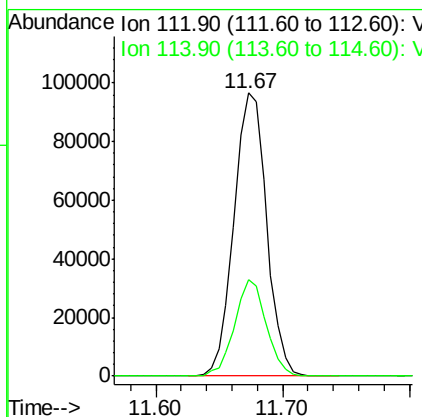
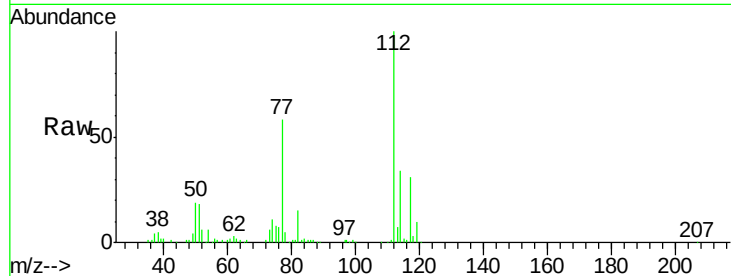
#65
Chlorobenzene
Concen: 20.654 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tot Ion:112 Resp: 171976
Ion Ratio Lower Upper
112 100
114 34.0 25.0 37.4

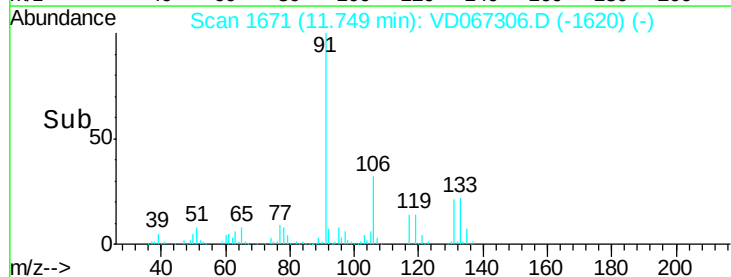
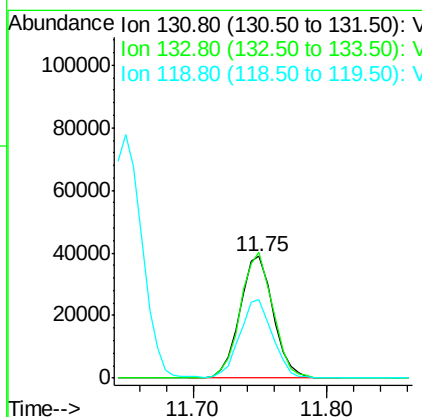
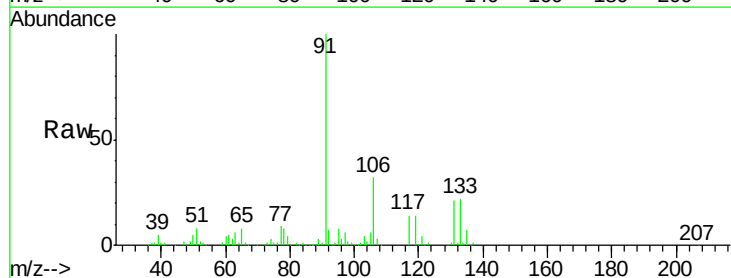
Manual Integrations
APPROVED

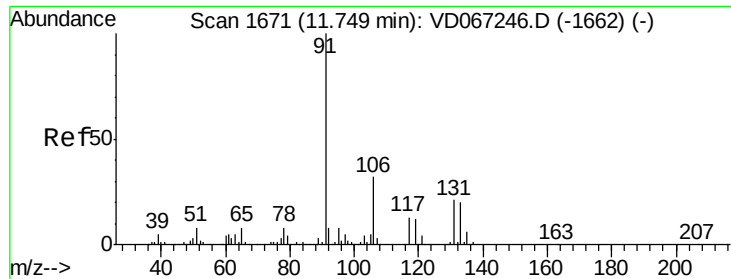
MMDadoda
10/20/2020 4:51:03 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.276 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion:131 Resp: 67099
Ion Ratio Lower Upper
131 100
133 100.4 48.1 144.3
119 63.5 30.0 90.0





#67

Ethyl Benzene

Concen: 20.282 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

Tot Ion: 91 Resp: 289485

Ion Ratio Lower Upper

91 100

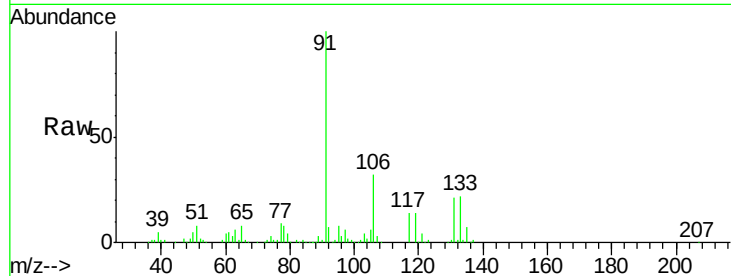
106 32.4 25.4 38.0

Manual Integrations

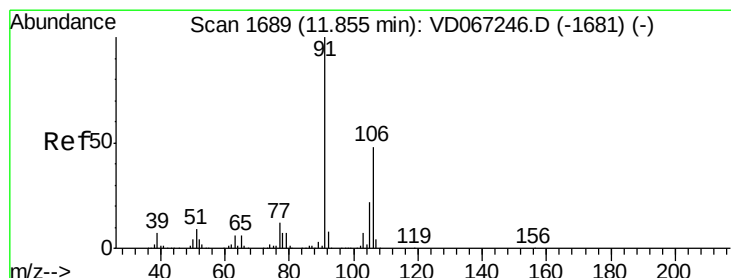
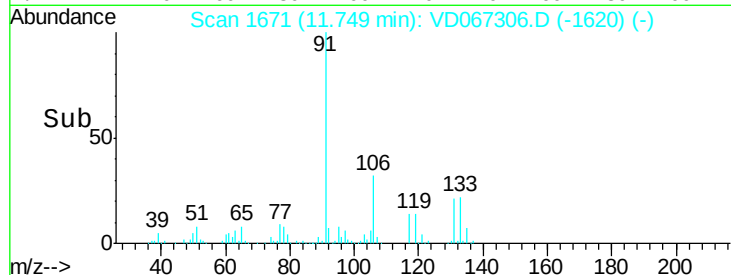
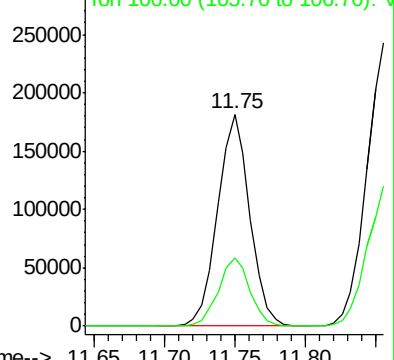
APPROVED

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Abundance Ion 91.00 (90.70 to 91.70): VD067306.D (-1620) (-)



#68

m/p-Xylenes

Concen: 42.586 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD067306.D

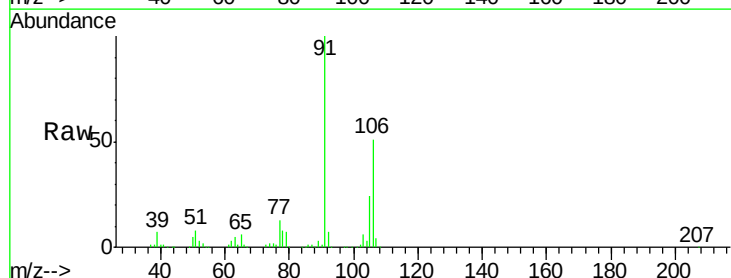
Acq: 19 Oct 2020 13:56

Tgt Ion: 106 Resp: 234069

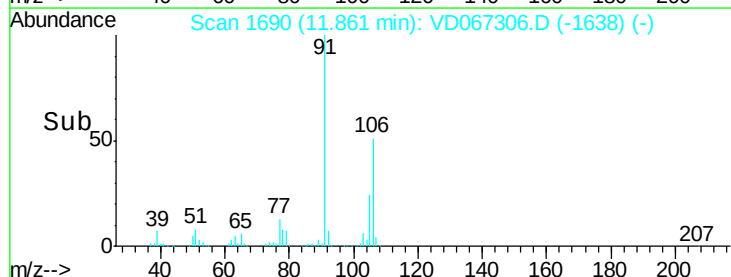
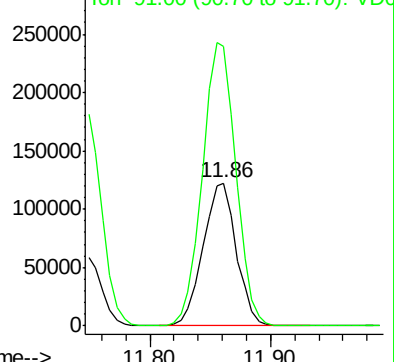
Ion Ratio Lower Upper

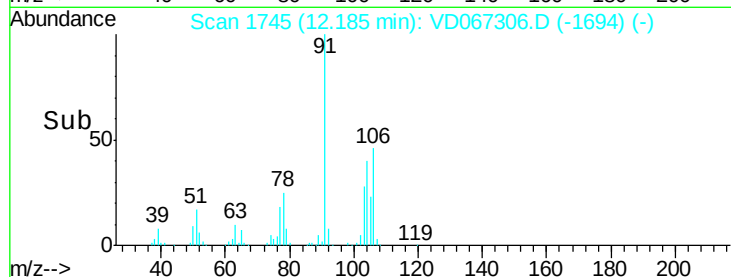
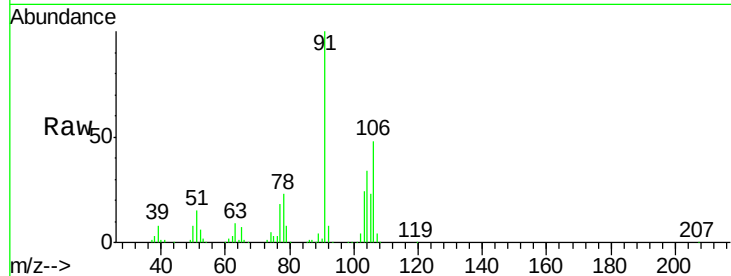
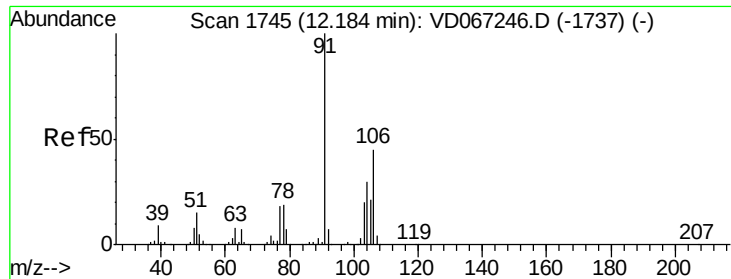
106 100

91 200.0 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): VD067306.D (-1638) (-)





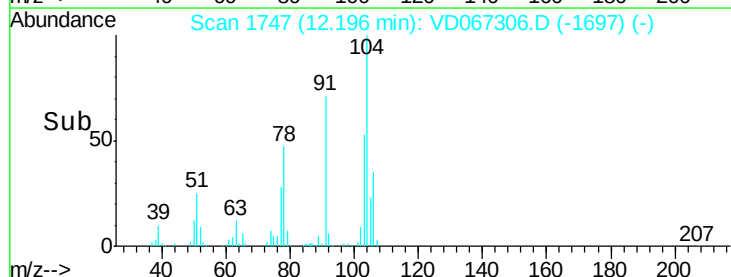
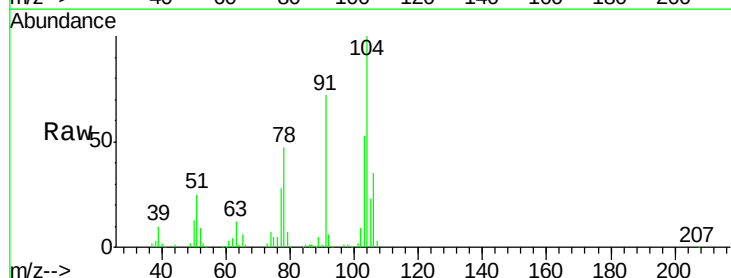
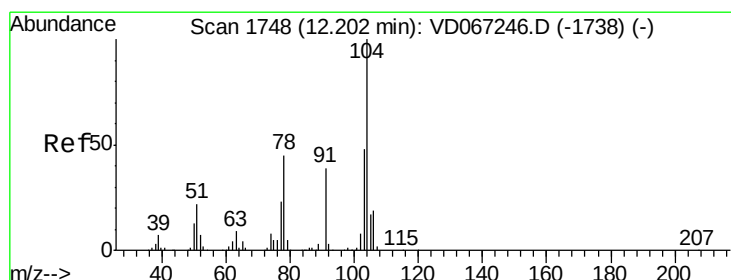
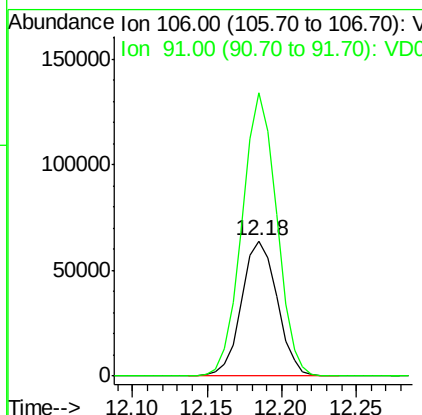
#69
o-Xylene
Concen: 20.735 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	105532		
91	91	204.9	109.1	327.3	

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

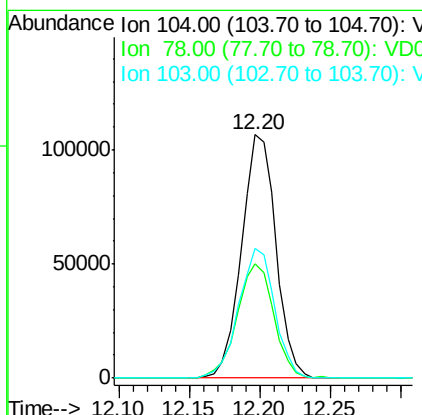
Manual Integrations
APPROVED

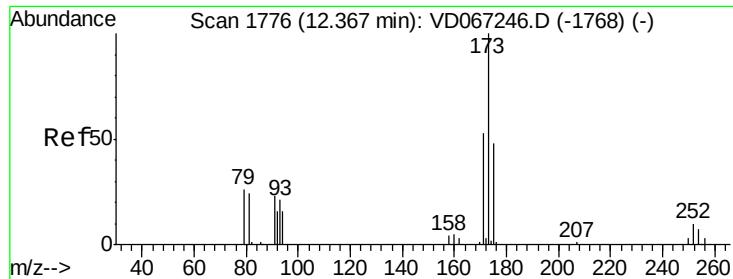
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#70
Styrene
Concen: 20.767 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	181952		
78	78	50.2	39.8	59.6	
103	103	55.8	42.6	64.0	





#71

Bromoform

Concen: 20.357 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

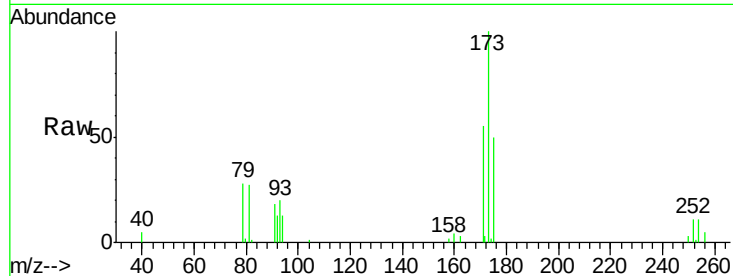
ClientSampleId :

VD1019SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.0	24.2	72.6
254	0.0	0.1	0.1#

Manual Integrations
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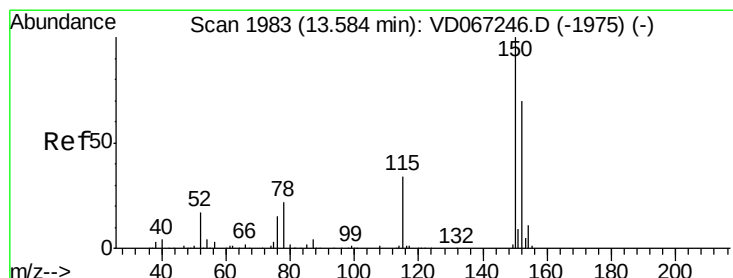
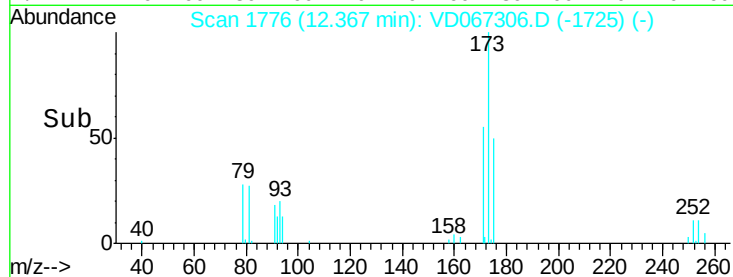
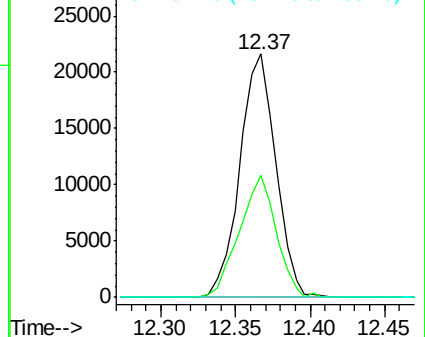


Abundance

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

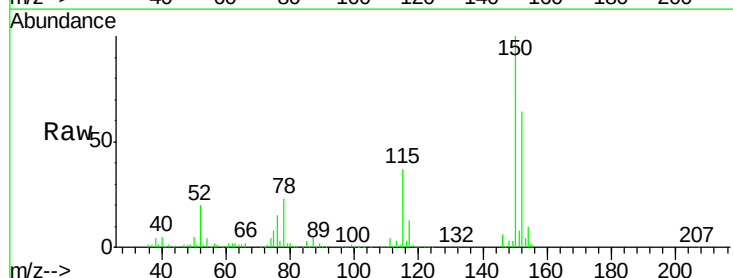
RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.3	87.9
150	165.3	0.0	339.0

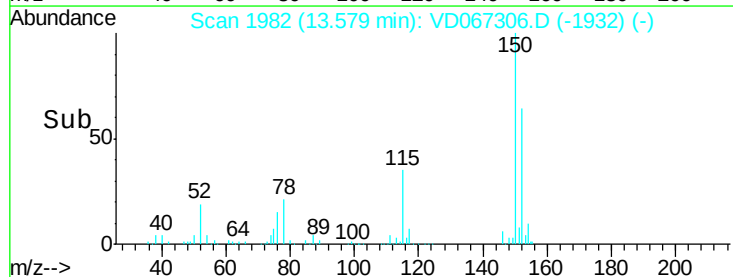
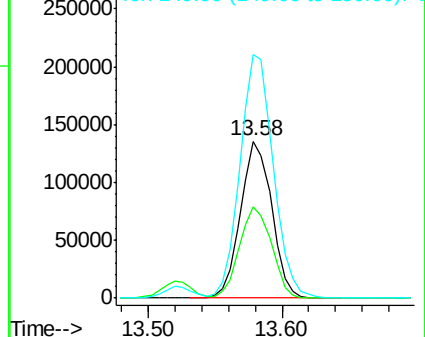


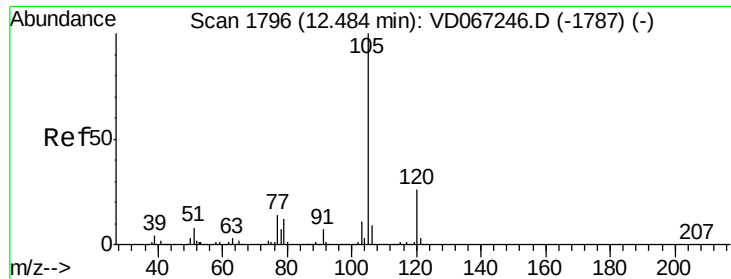
Abundance

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





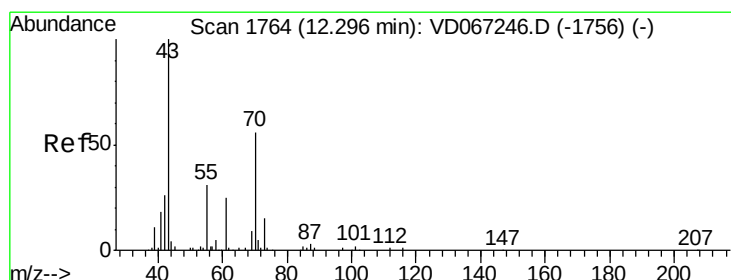
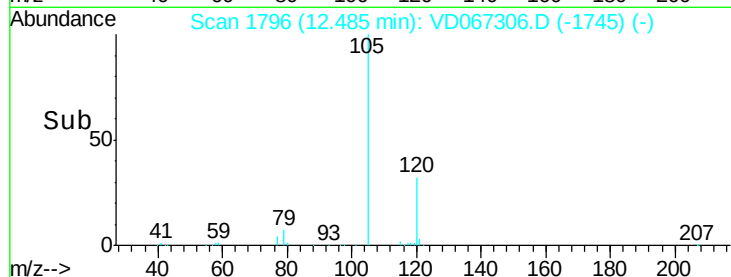
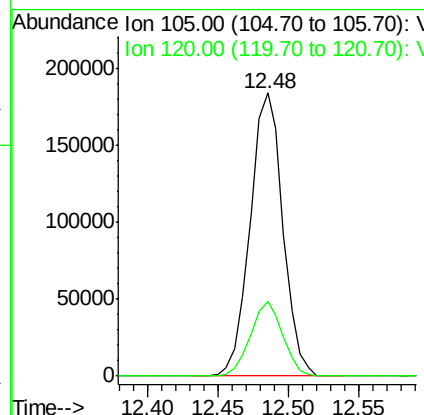
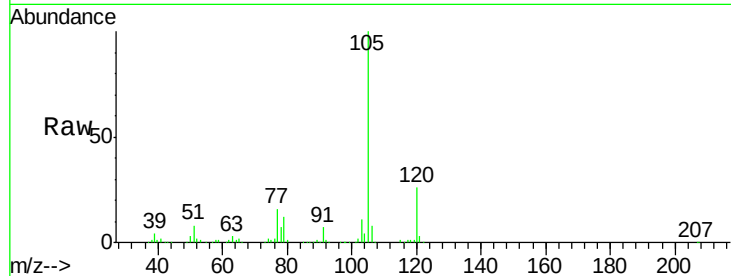
#73
Isopropylbenzene
Concen: 21.556 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.3	39.8

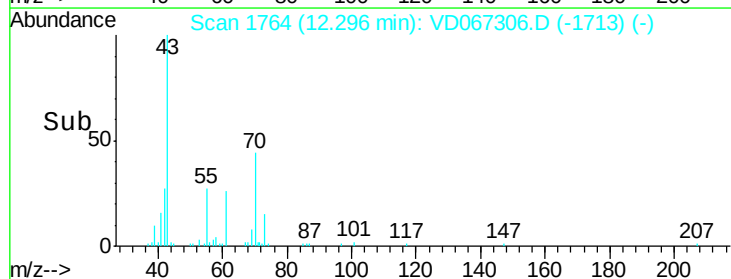
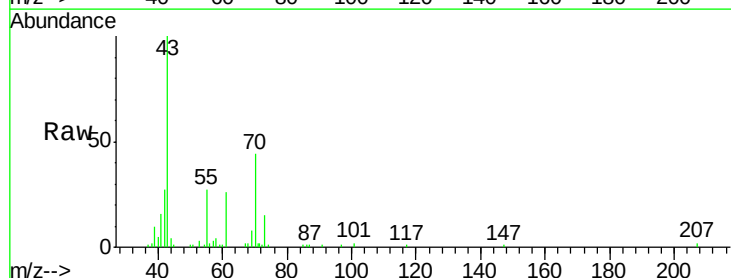
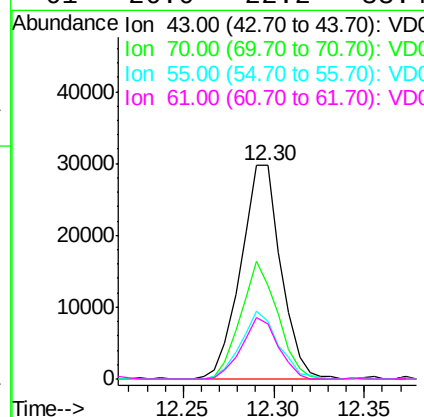
Manual Integrations
APPROVED

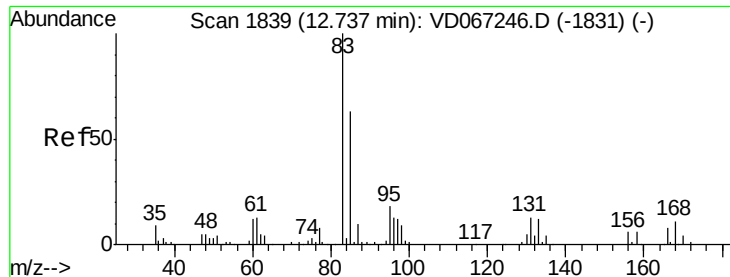
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#74
N-ethyl acetate
Concen: 21.841 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
43	100		
70	50.5	42.7	64.1
55	29.7	24.0	36.0
61	26.0	22.2	33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.183 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

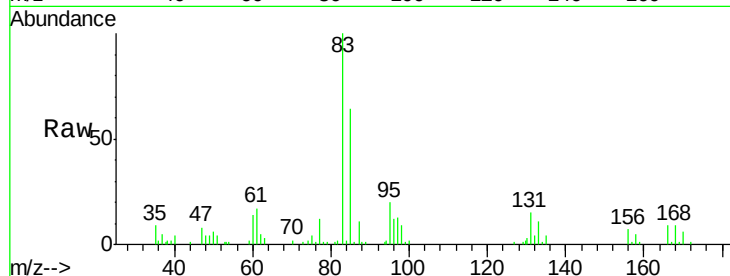
ClientSampleId :

VD1019SBS01

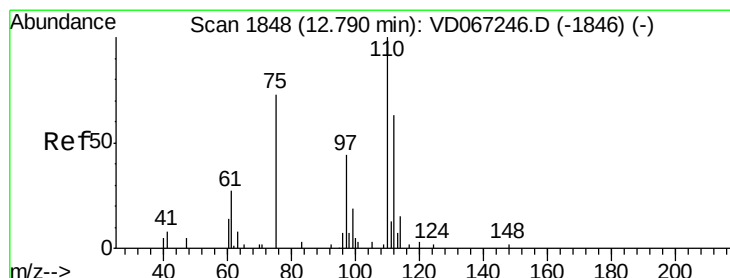
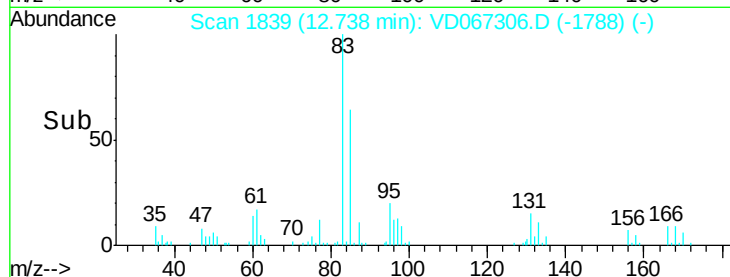
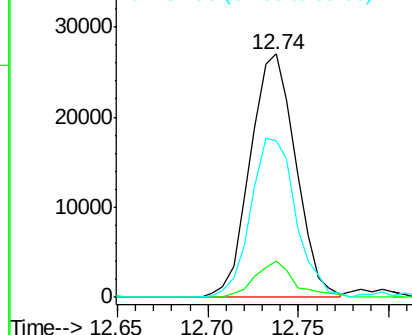
Tot Ion:	83	Resp:	47199
Ion	Ratio	Lower	Upper
83	100		
131	13.1	6.5	19.5
85	64.8	32.6	97.7

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 22.627 ug/l m

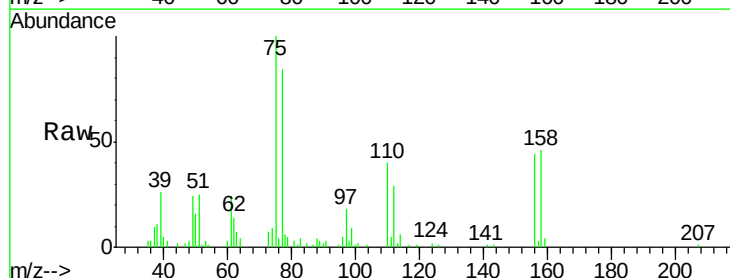
RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

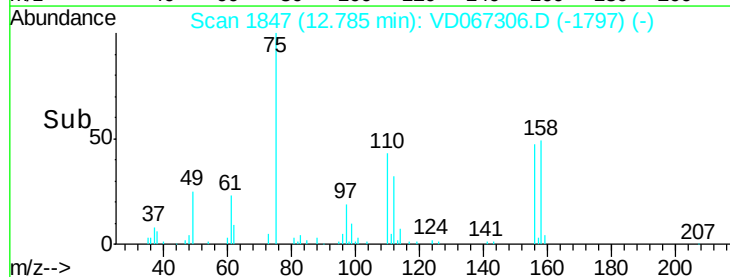
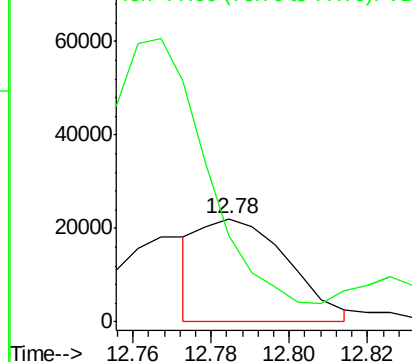
Lab File: VD067306.D

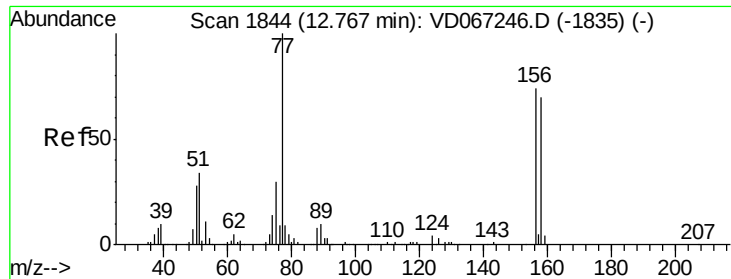
Acq: 19 Oct 2020 13:56

Tgt Ion:	75	Resp:	34313
Ion	Ratio	Lower	Upper
75	100		
77	342.0	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





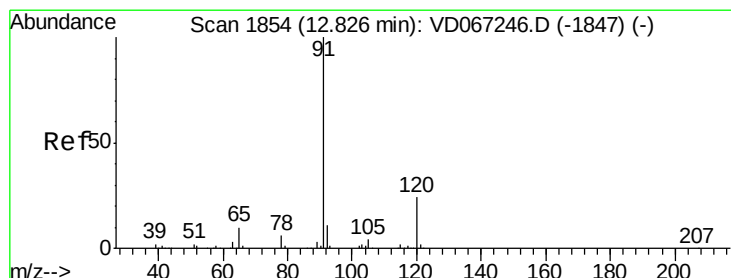
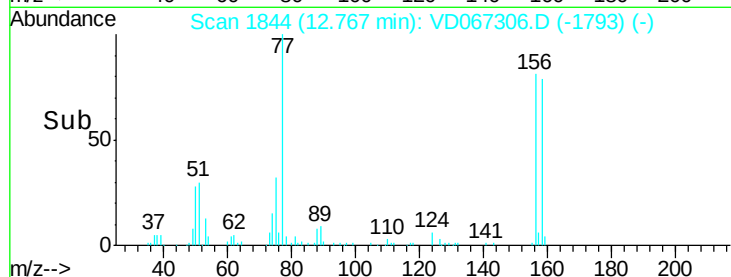
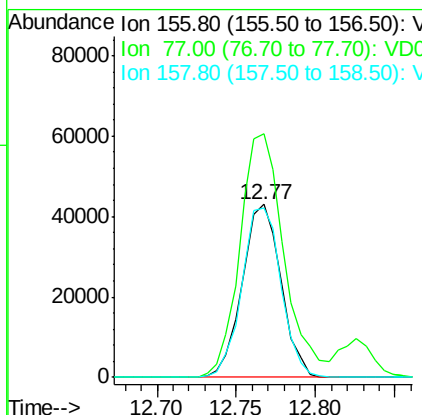
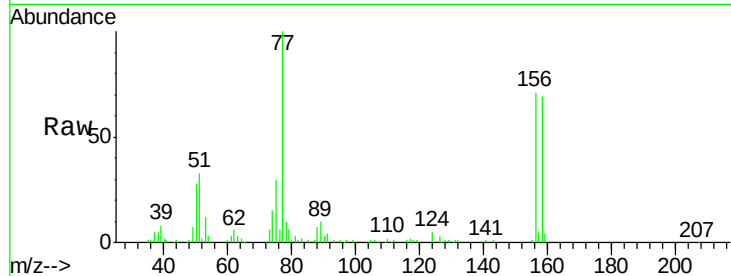
#77
Bromobenzene
Concen: 21.112 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	160.6	78.0	233.8
158	99.3	49.1	147.3

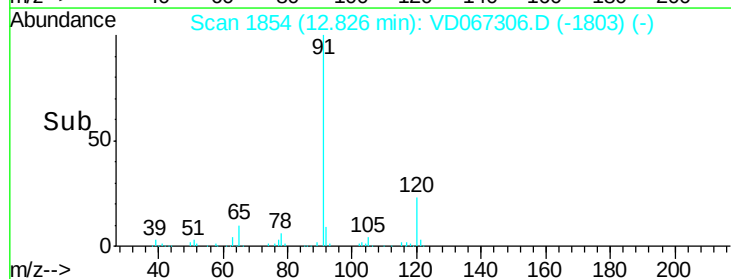
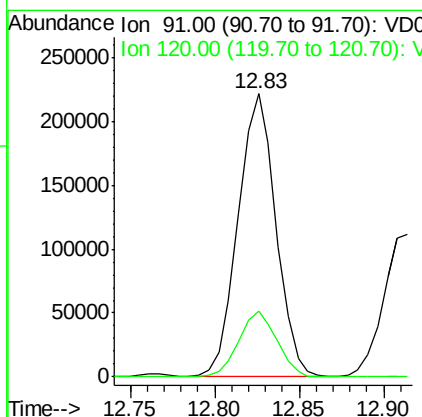
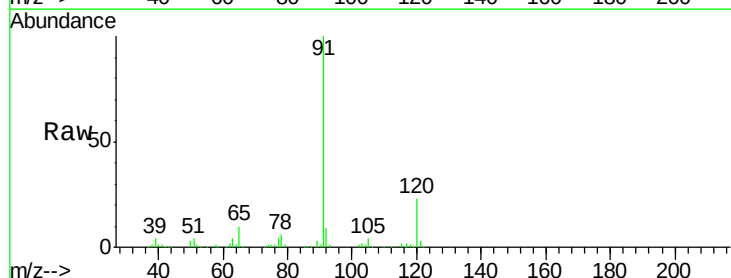
Manual Integrations
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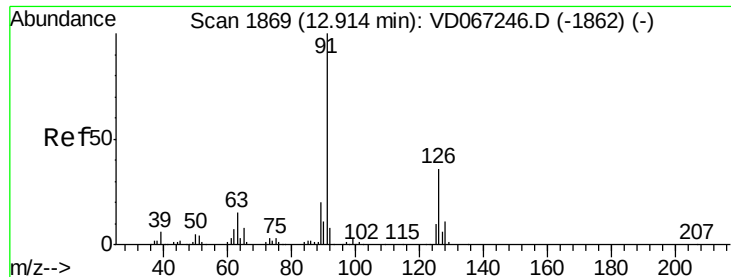
MMDadoda
10/20/2020 4:51:03 PM



#78
n-propylbenzene
Concen: 21.354 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.9	35.9





#79

2-Chlorotoluene

Concen: 20.799 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

Tot Ion: 91 Resp: 194060

Ion Ratio Lower Upper

91 100

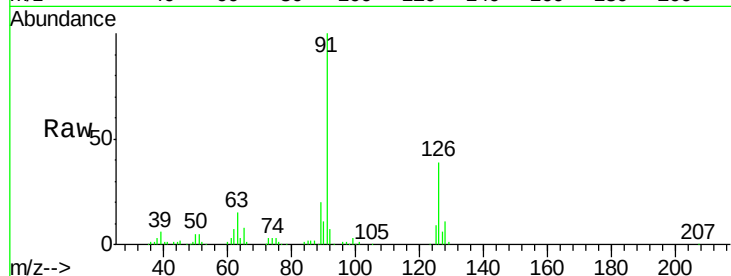
126 35.9 17.6 52.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VD067306.D (-1818) (-)

Ion 125.90 (125.60 to 126.60): VD067306.D (-1818) (-)

12.91

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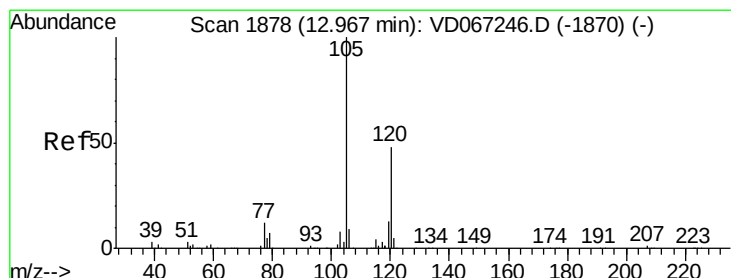
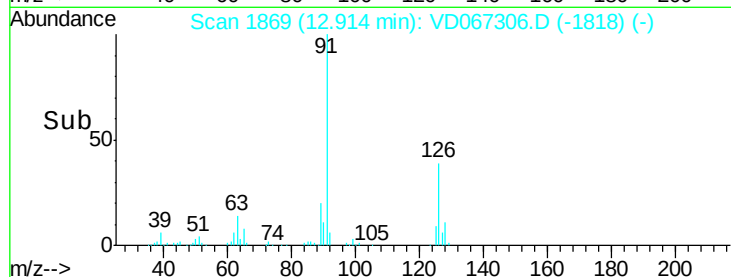
12.91

12.91

12.91

12.91

12.91



#80

1,3,5-Trimethylbenzene

Concen: 21.353 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067306.D

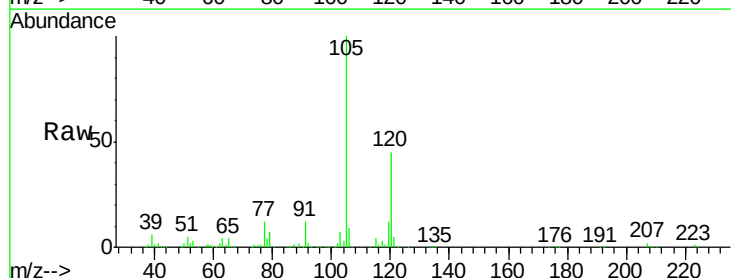
Acq: 19 Oct 2020 13:56

Tgt Ion:105 Resp: 257662

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067306.D (-1827) (-)

Ion 120.00 (119.70 to 120.70): VD067306.D (-1827) (-)

12.97

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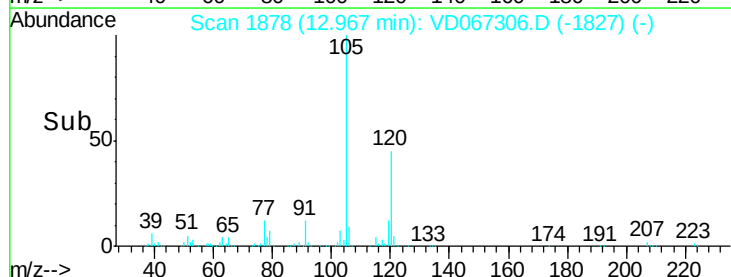
12.97

12.97

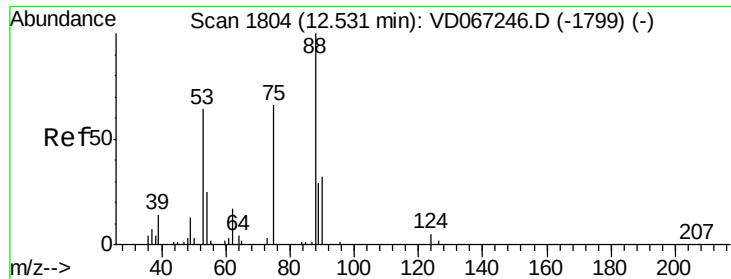
12.97

12.97

12.97



Time-->



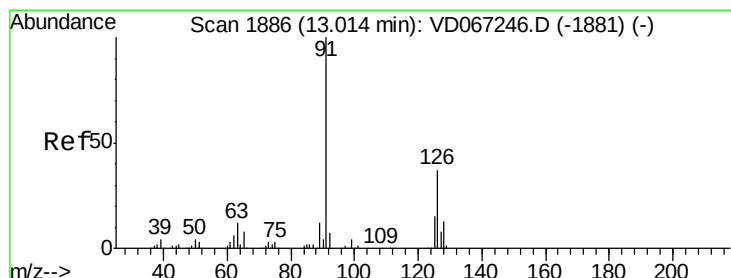
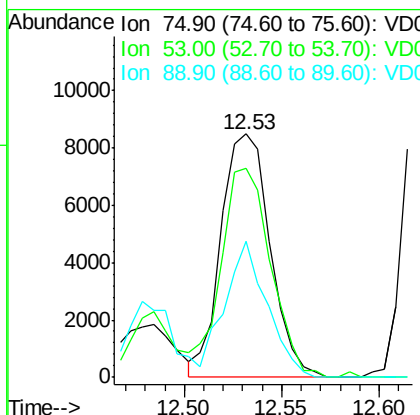
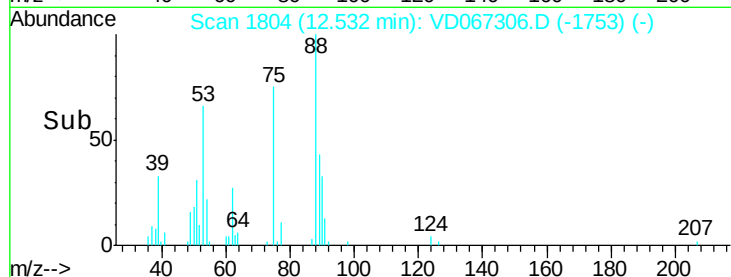
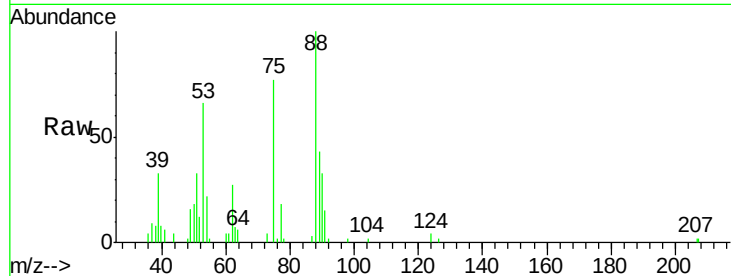
#81
trans-1,4-Dichloro-2-butene
Concen: 22.123 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.1	78.5	117.7
89	48.3	39.9	59.9

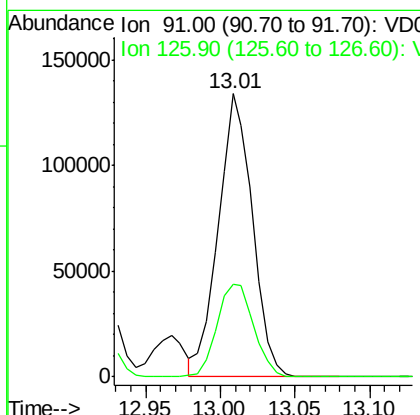
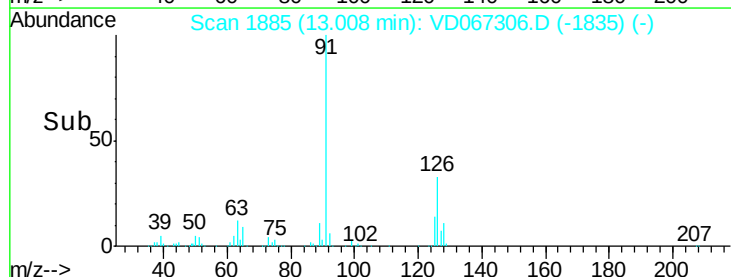
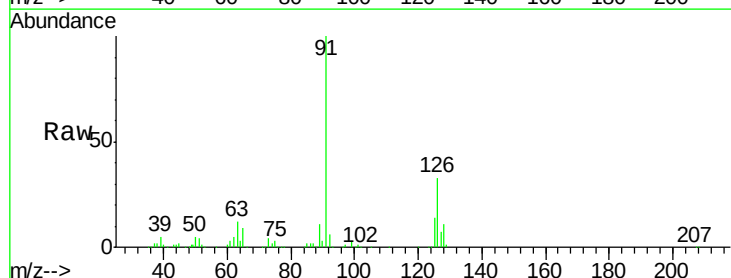
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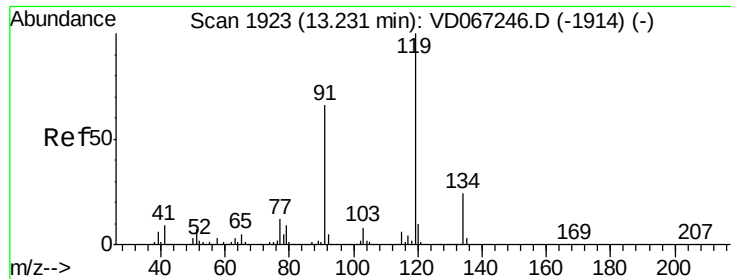
MMDadoda
10/20/2020 4:51:03 PM



#82
4-Chlorotoluene
Concen: 21.584 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.8	53.5





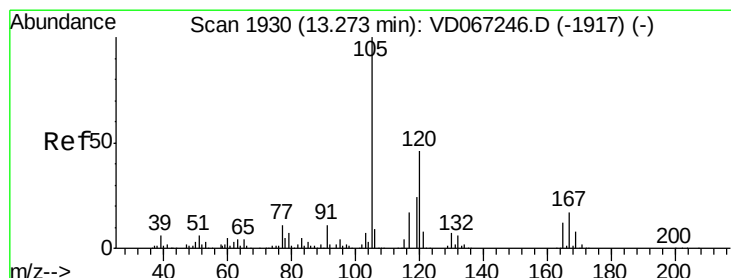
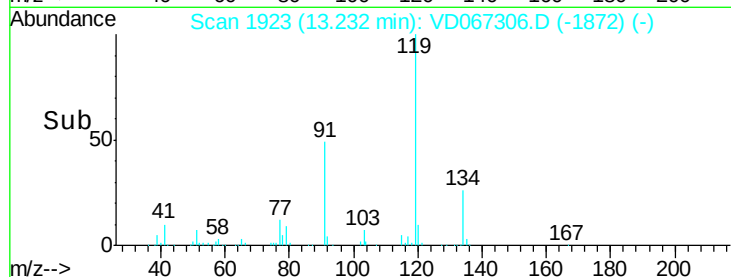
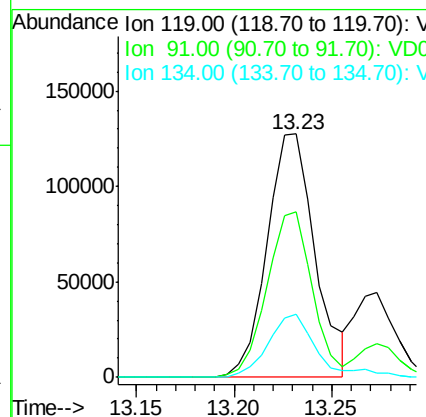
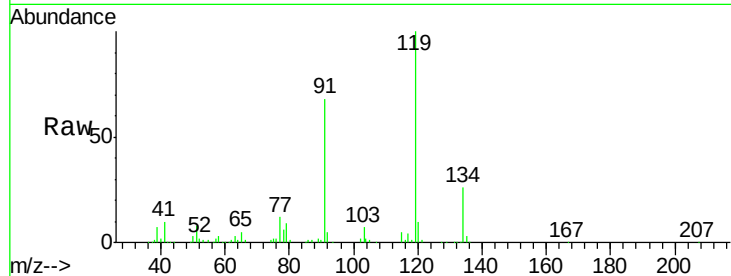
#83
tert-Butylbenzene
Concen: 21.327 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	217391		
91	64.1	33.1	99.2	
134	26.7	13.3	39.9	

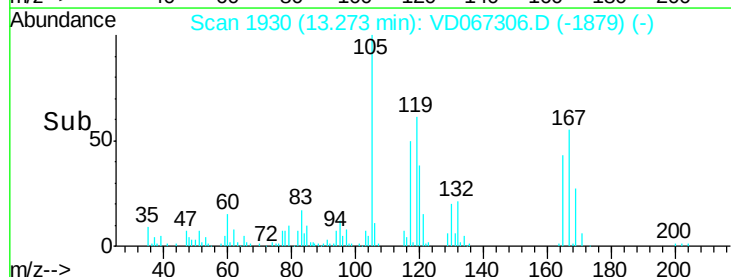
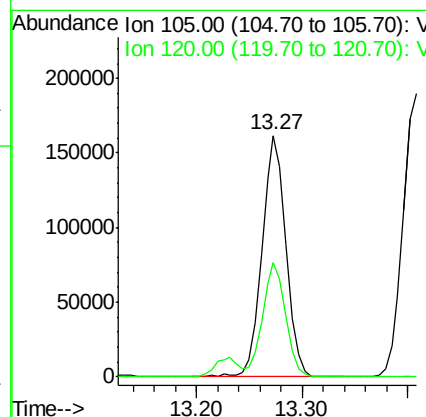
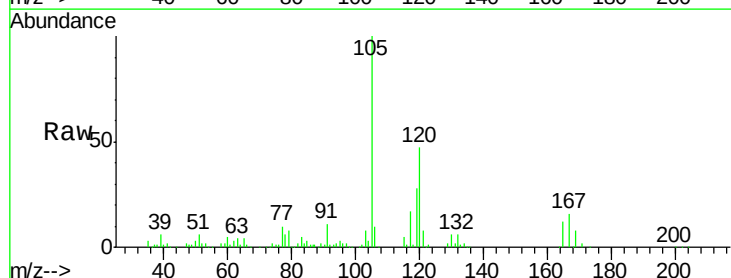
Manual Integrations
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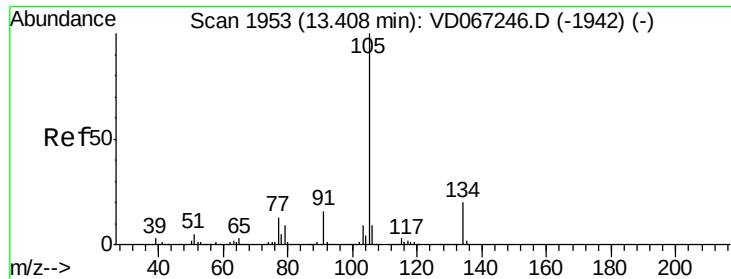
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 21.399 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	255212		
120	45.7	22.4	67.3	





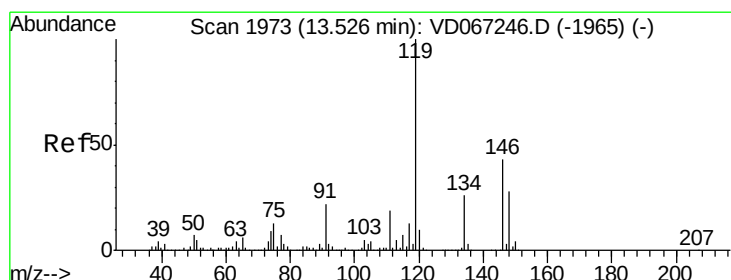
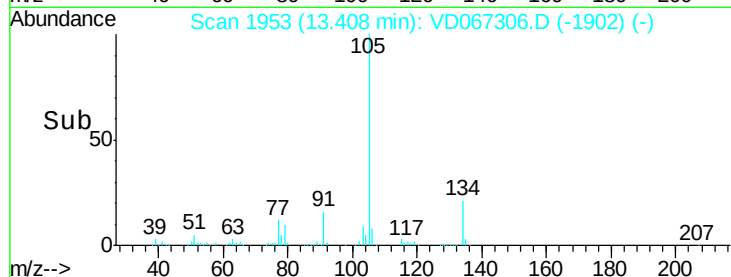
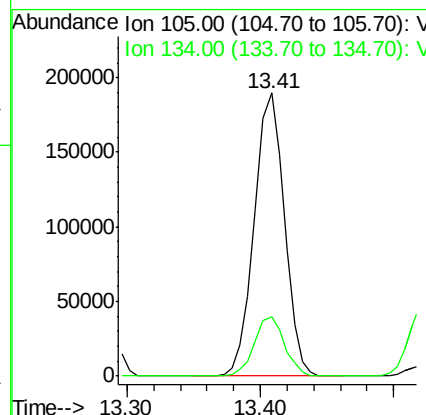
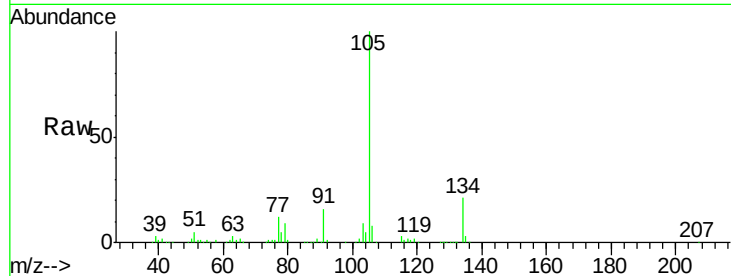
#85
 sec-Butylbenzene
 Concen: 21.145 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1019SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.5	31.5

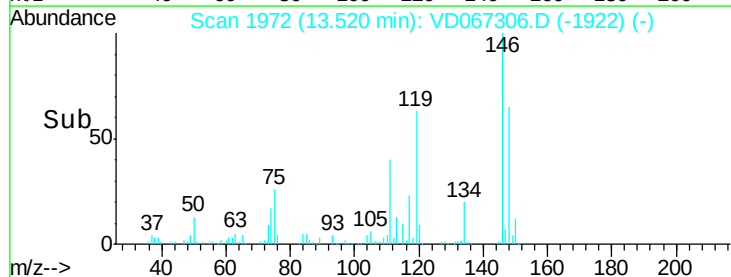
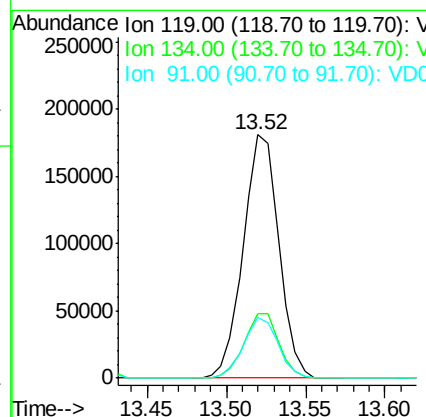
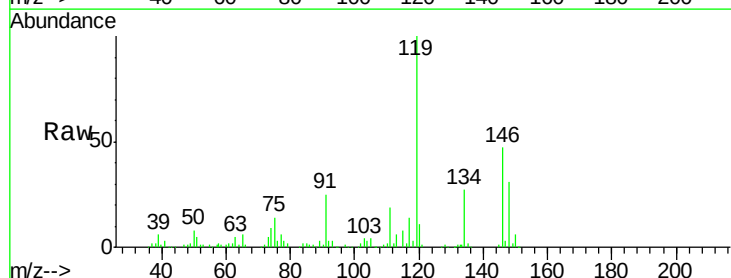
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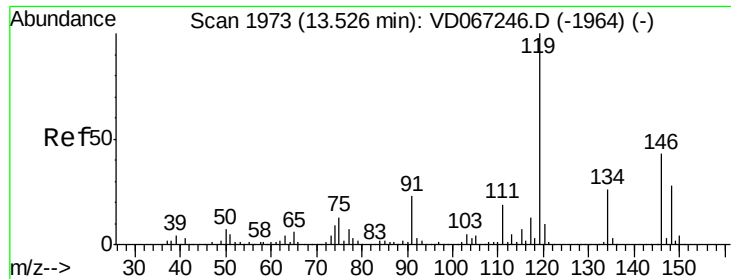
MMDadoda
 10/20/2020 4:51:03 PM



#86
 p-Isopropyltoluene
 Concen: 21.396 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.3
91	24.4	11.9	35.9





#87

1,3-Dichlorobenzene

Concen: 21.581 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Instrument :

MSVOA_D

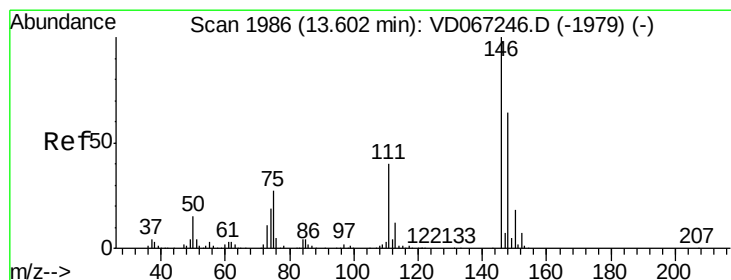
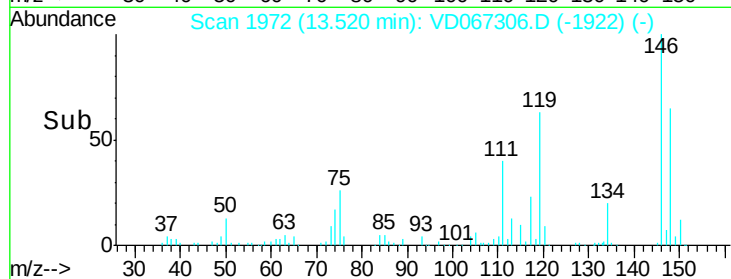
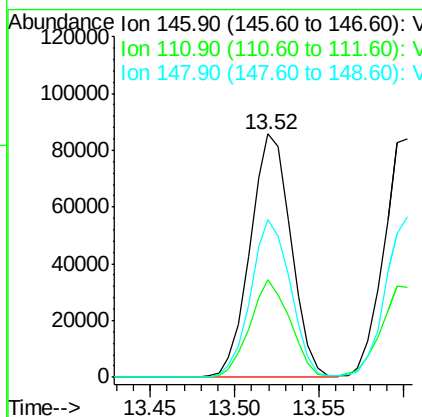
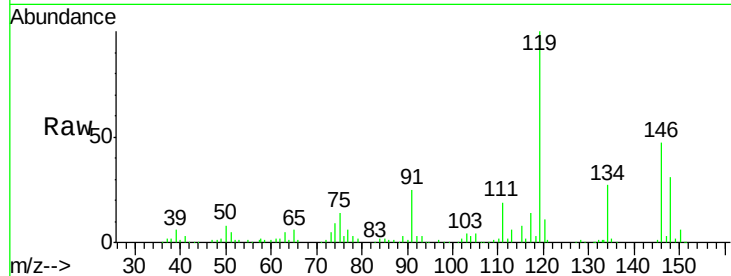
ClientSampleId :

VD1019SBSD01

Tot Ion:	146	Resp:	143806
Ion Ratio	Lower	Upper	
146	100		
111	39.7	21.1	63.3
148	63.1	31.9	95.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.679 ug/l

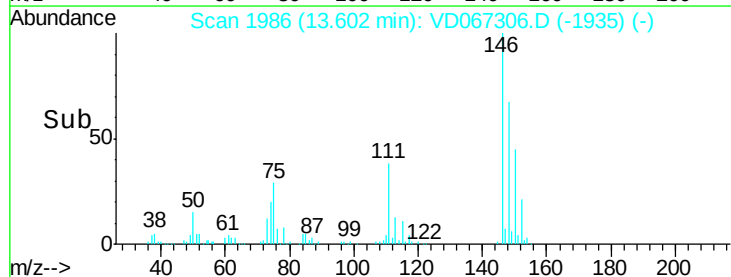
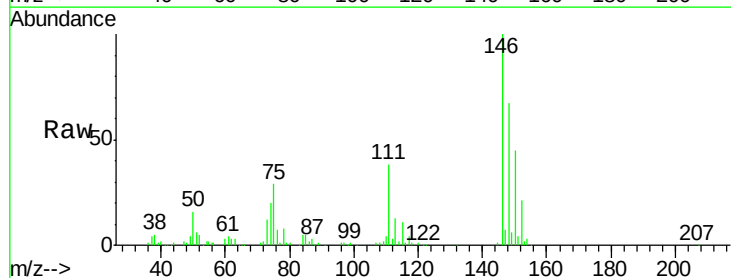
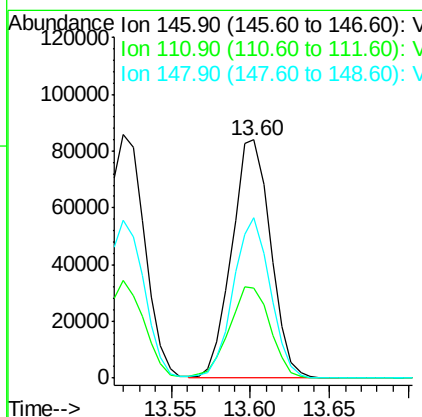
RT: 13.60 min Scan# 1986

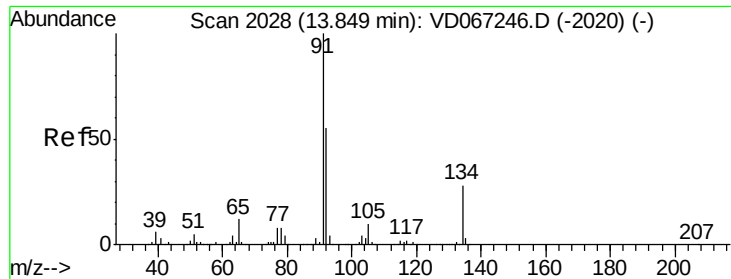
Delta R.T. 0.00 min

Lab File: VD067306.D

Acq: 19 Oct 2020 13:56

Tgt Ion:	146	Resp:	143119
Ion Ratio	Lower	Upper	
146	100		
111	40.4	19.9	59.7
148	64.1	31.9	95.9





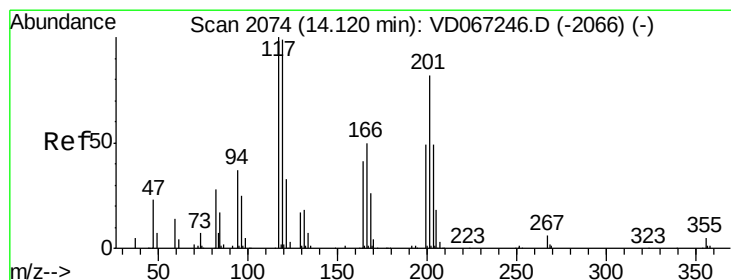
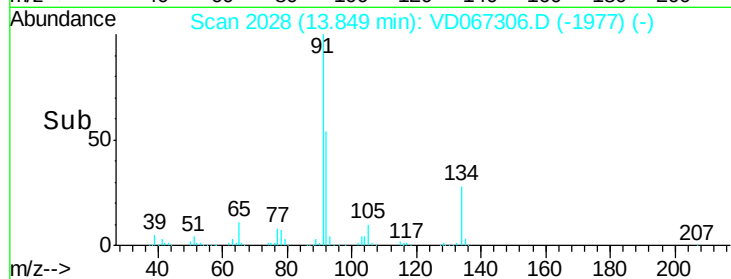
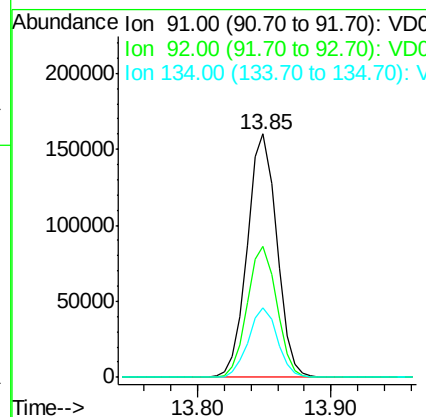
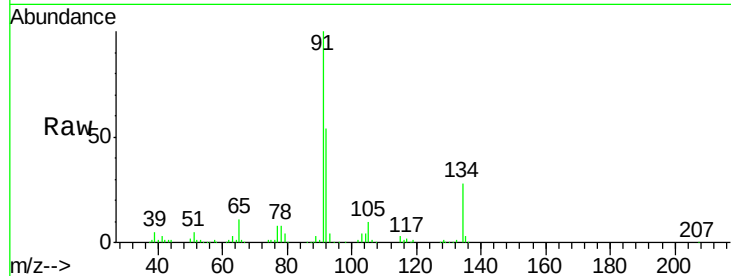
#89
n-Butylbenzene
Concen: 20.961 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.7	80.0
134	28.0	14.2	42.6

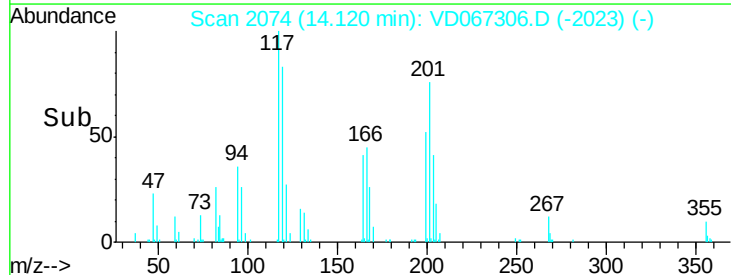
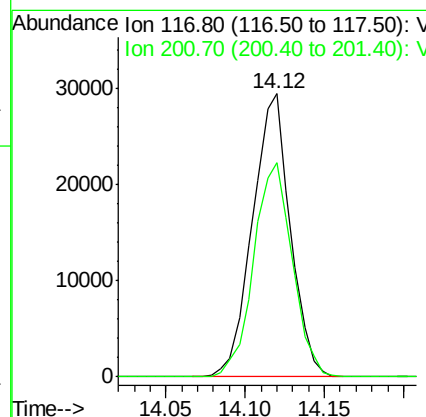
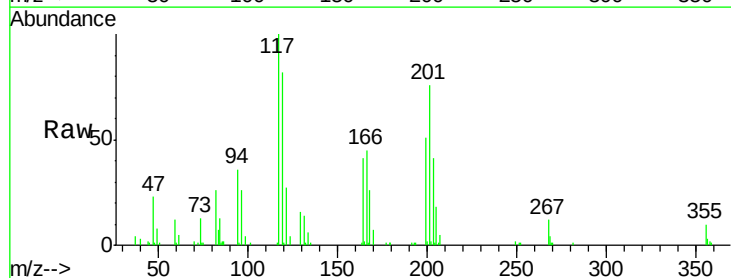
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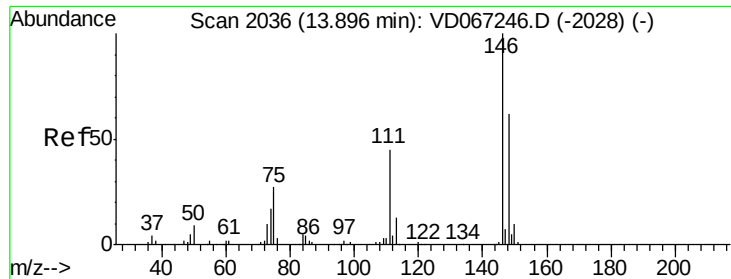
MMDadoda
10/20/2020 4:51:03 PM



#90
Hexachloroethane
Concen: 21.258 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.2	40.8	122.2





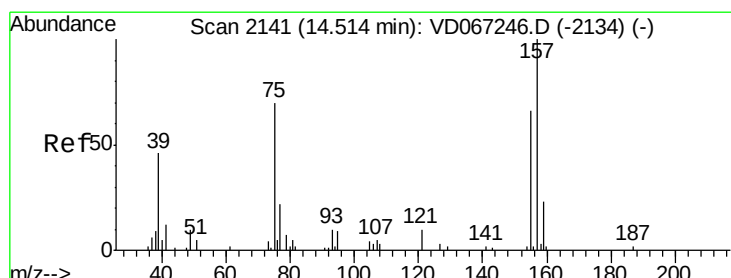
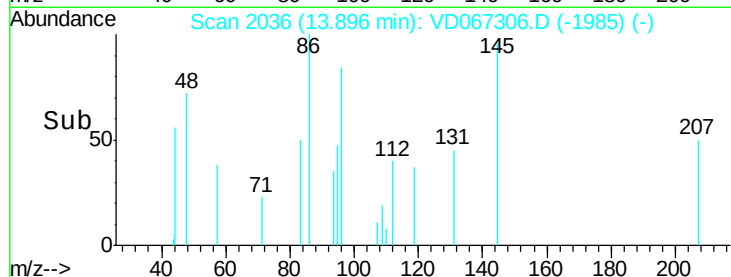
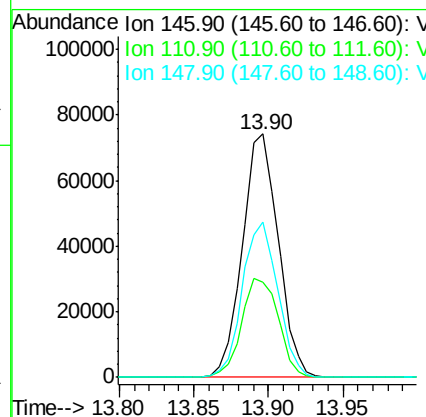
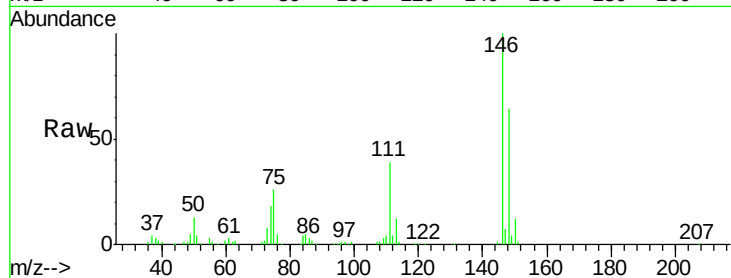
#91
 1,2-Dichlorobenzene
 Concen: 21.261 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	22.0	66.0
148	63.1	32.5	97.5

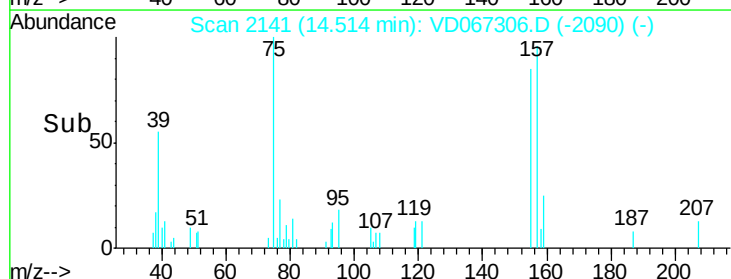
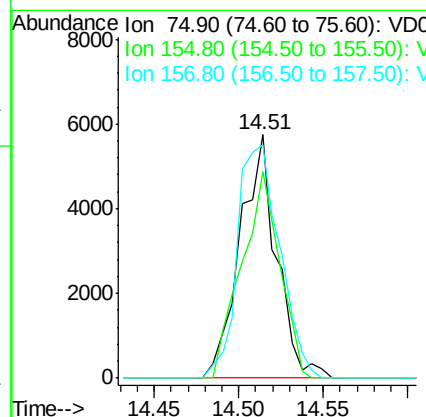
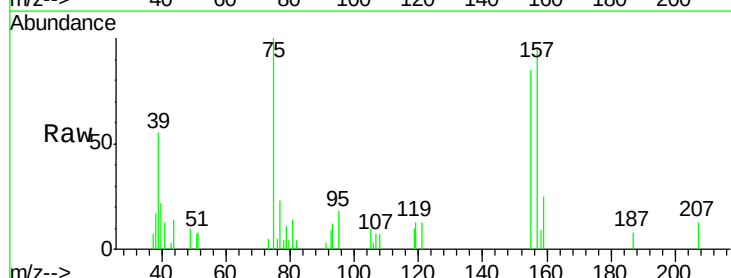
Manual Integrations
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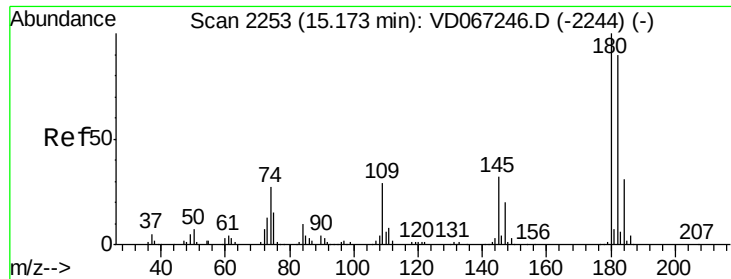
MMDadoda
 10/20/2020 4:51:03 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.345 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.2	44.8	134.4
157	110.7	62.5	187.4





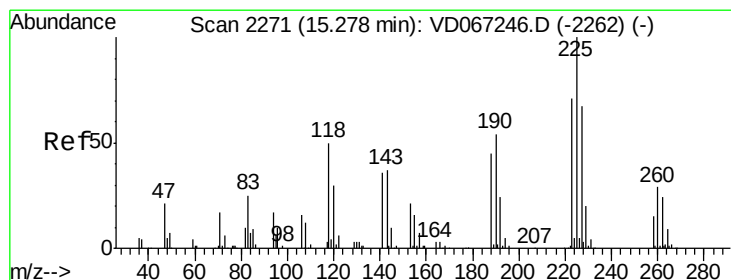
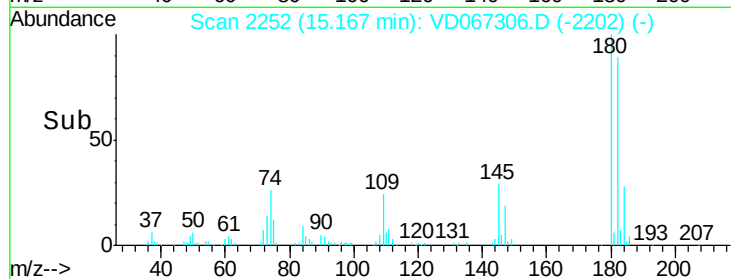
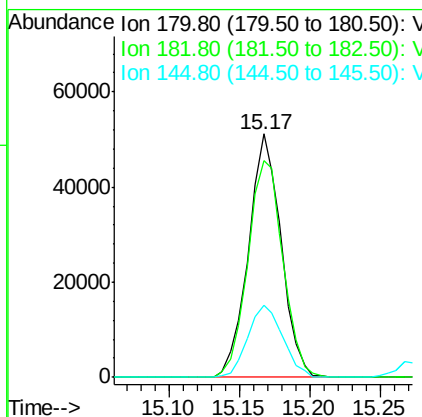
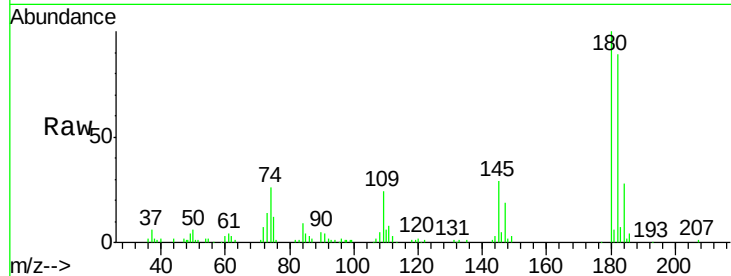
#93
 1,2,4-Trichlorobenzene
 Concen: 21.193 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.1	144.4
145	31.8	16.3	48.9

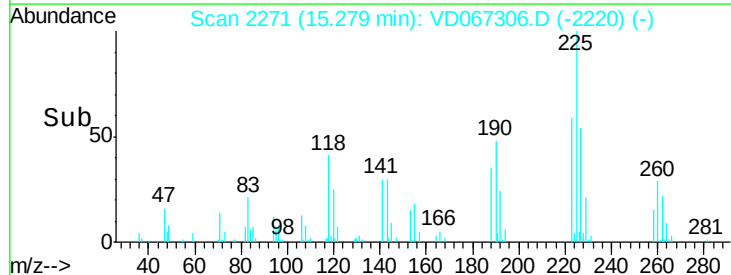
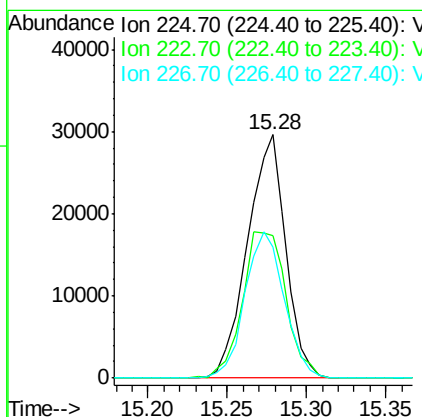
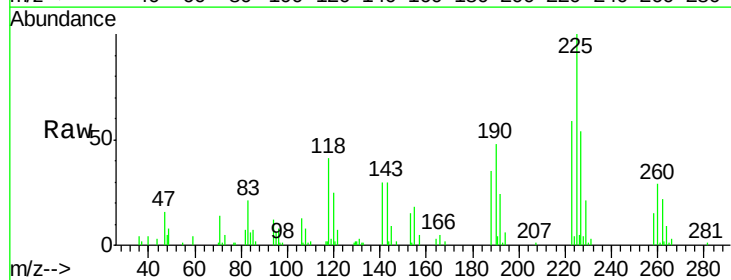
Manual Integrations
 APPROVED

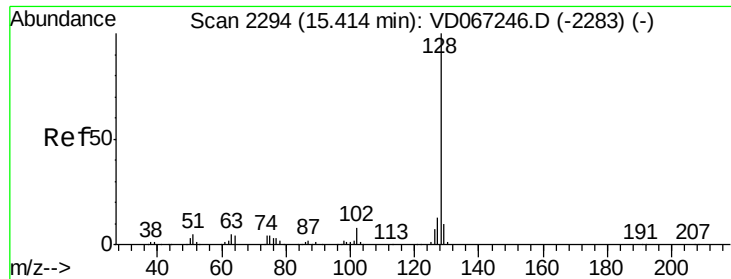
MMDadoda
 10/20/2020 4:51:03 PM



#94
 Hexachlorobutadiene
 Concen: 20.426 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067306.D
 Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.3	31.9	95.7
227	61.8	31.2	93.6





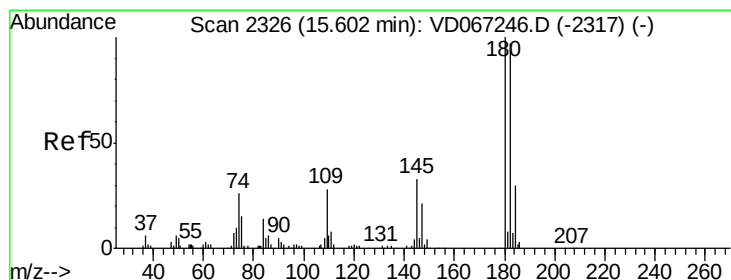
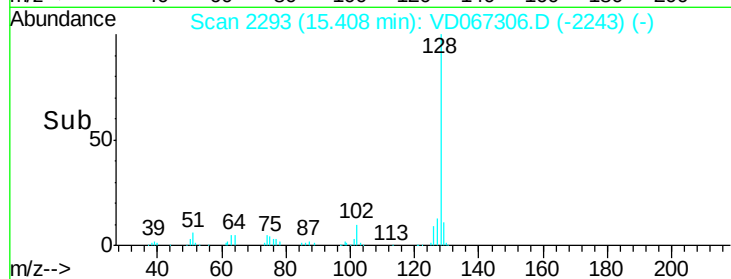
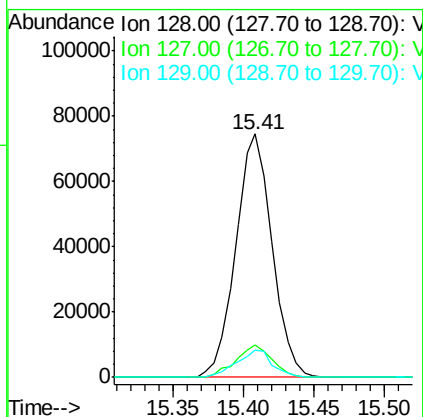
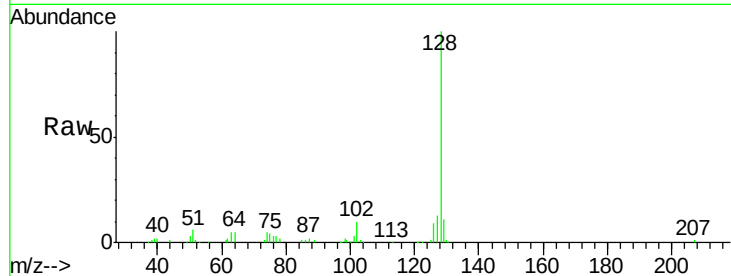
#95
Naphthalene
Concen: 20.795 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/20/2020 4:51:03 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.564 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067306.D
Acq: 19 Oct 2020 13:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	48.1	144.3
145	35.3	17.3	51.9

