

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067696.D
 Acq On : 18 Nov 2020 19:55
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:07:08 AM

Quant Time: Nov 19 01:26:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	269422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	418113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	383555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	190877	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	117888	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	7.91	113	120334	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	10.34	98	405557	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
62) 4-Bromofluorobenzene	12.63	95	149417	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	99783	45.328	ug/l	96
3) Chloromethane	2.21	50	70226	41.857	ug/l	95
4) Vinyl Chloride	2.35	62	77307	41.329	ug/l	99
5) Bromomethane	2.77	94	69439	45.801	ug/l	97
6) Chloroethane	2.93	64	50925	44.159	ug/l	94
7) Trichlorofluoromethane	3.28	101	229487	47.383	ug/l	89
8) Diethyl Ether	3.71	74	51872	53.152	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	114649	46.896	ug/l	100
10) Methyl Iodide	4.30	142	118669	45.289	ug/l	98
11) Tert butyl alcohol	5.21	59	39644m	402.852	ug/l	
12) 1,1-Dichloroethene	4.07	96	106491	47.356	ug/l	96
13) Acrolein	3.92	56	23549	228.024	ug/l	95
14) Allyl chloride	4.71	41	115273	47.897	ug/l	96
15) Acrylonitrile	5.41	53	95188	263.861	ug/l	98
16) Acetone	4.16	43	85642	242.934	ug/l	100
17) Carbon Disulfide	4.41	76	298578	43.330	ug/l	99
18) Methyl Acetate	4.72	43	40457	55.535	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	251900	56.790	ug/l	98
20) Methylene Chloride	4.97	84	131443	52.783	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	127069	48.515	ug/l	98
22) Diisopropyl ether	6.36	45	244161	52.060	ug/l	95
23) Vinyl Acetate	6.31	43	668592	272.340	ug/l	97
24) 1,1-Dichloroethane	6.27	63	195160	50.865	ug/l	98
25) 2-Butanone	7.21	43	98238	260.793	ug/l	90
26) 2,2-Dichloropropane	7.21	77	196524	48.532	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	143647	52.839	ug/l	99
28) Bromochloromethane	7.55	49	71902	52.684	ug/l	95
29) Tetrahydrofuran	7.57	42	60663	268.850	ug/l	96
30) Chloroform	7.71	83	244179	53.345	ug/l	95
31) Cyclohexane	7.98	56	147776	43.250	ug/l #	86
32) 1,1,1-Trichloroethane	7.91	97	241500	51.135	ug/l	98
36) 1,1-Dichloropropene	8.11	75	167293	46.743	ug/l	98
37) Ethyl Acetate	7.30	43	48001	51.660	ug/l	97
38) Carbon Tetrachloride	8.10	117	230354	49.538	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	189912	45.084	ug/l	98
40) Benzene	8.35	78	476206	49.121	ug/l	96
41) Methacrylonitrile	7.53	41	27322	49.193	ug/l #	74
42) 1,2-Dichloroethane	8.43	62	156021	52.088	ug/l	100
43) Isopropyl Acetate	8.46	43	94744	51.558	ug/l	99
44) Trichloroethene	9.11	130	154715	48.536	ug/l	92
45) 1,2-Dichloropropane	9.39	63	102563	48.932	ug/l	96
46) Dibromomethane	9.48	93	67622	50.740	ug/l	98
47) Bromodichloromethane	9.67	83	187964	51.890	ug/l	97
48) Methyl methacrylate	9.46	41	44745	47.160	ug/l #	81
49) 1,4-Dioxane	9.46	88	14295	1056.588	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	240007	273.094	ug/l	98
52) Toluene	10.41	92	324997	50.050	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	160830	51.841	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	180791	49.048	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	92689	52.564	ug/l	96
56) Ethyl methacrylate	10.67	69	96730	53.121	ug/l	97
57) 1,3-Dichloropropane	10.95	76	146778	51.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	226939	267.249	ug/l	100
59) 2-Hexanone	10.99	43	162298	264.119	ug/l	99
60) Dibromochloromethane	11.14	129	137839	52.843	ug/l	99
61) 1,2-Dibromoethane	11.25	107	91062	51.454	ug/l	99
64) Tetrachloroethene	10.88	164	135127	47.570	ug/l	98
65) Chlorobenzene	11.67	112	369678	50.036	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	149532	51.351	ug/l	99
67) Ethyl Benzene	11.75	91	643120	50.868	ug/l	98
68) m/p-Xylenes	11.86	106	489558	99.531	ug/l	99
69) o-Xylene	12.18	106	228894	52.122	ug/l	99
70) Styrene	12.20	104	400044	52.278	ug/l	99
71) Bromoform	12.36	173	77470	52.164	ug/l #	97
73) Isopropylbenzene	12.48	105	631418	51.185	ug/l	100
74) N-amyl acetate	12.29	43	81847	50.422	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	84426	50.189	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	50702m	44.032	ug/l	
77) Bromobenzene	12.76	156	156760	51.743	ug/l	96
78) n-propylbenzene	12.83	91	709706	50.297	ug/l	100
79) 2-Chlorotoluene	12.91	91	409055	51.034	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	547508	51.955	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	28064	49.482	ug/l	95
82) 4-Chlorotoluene	13.01	91	442409	51.464	ug/l	100
83) tert-Butylbenzene	13.23	119	454992	50.945	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	543679	51.830	ug/l	98
85) sec-Butylbenzene	13.40	105	601429	49.884	ug/l	98
86) p-Isopropyltoluene	13.52	119	587838	50.490	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	293578	50.784	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	290903	49.697	ug/l	100
89) n-Butylbenzene	13.84	91	505582	50.274	ug/l	99
90) Hexachloroethane	14.11	117	109786	50.073	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	257606	51.489	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16941	56.881	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	180671	53.205	ug/l	99
94) Hexachlorobutadiene	15.27	225	110730	48.723	ug/l	98
95) Naphthalene	15.40	128	298887	57.035	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	153323	52.727	ug/l	97

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

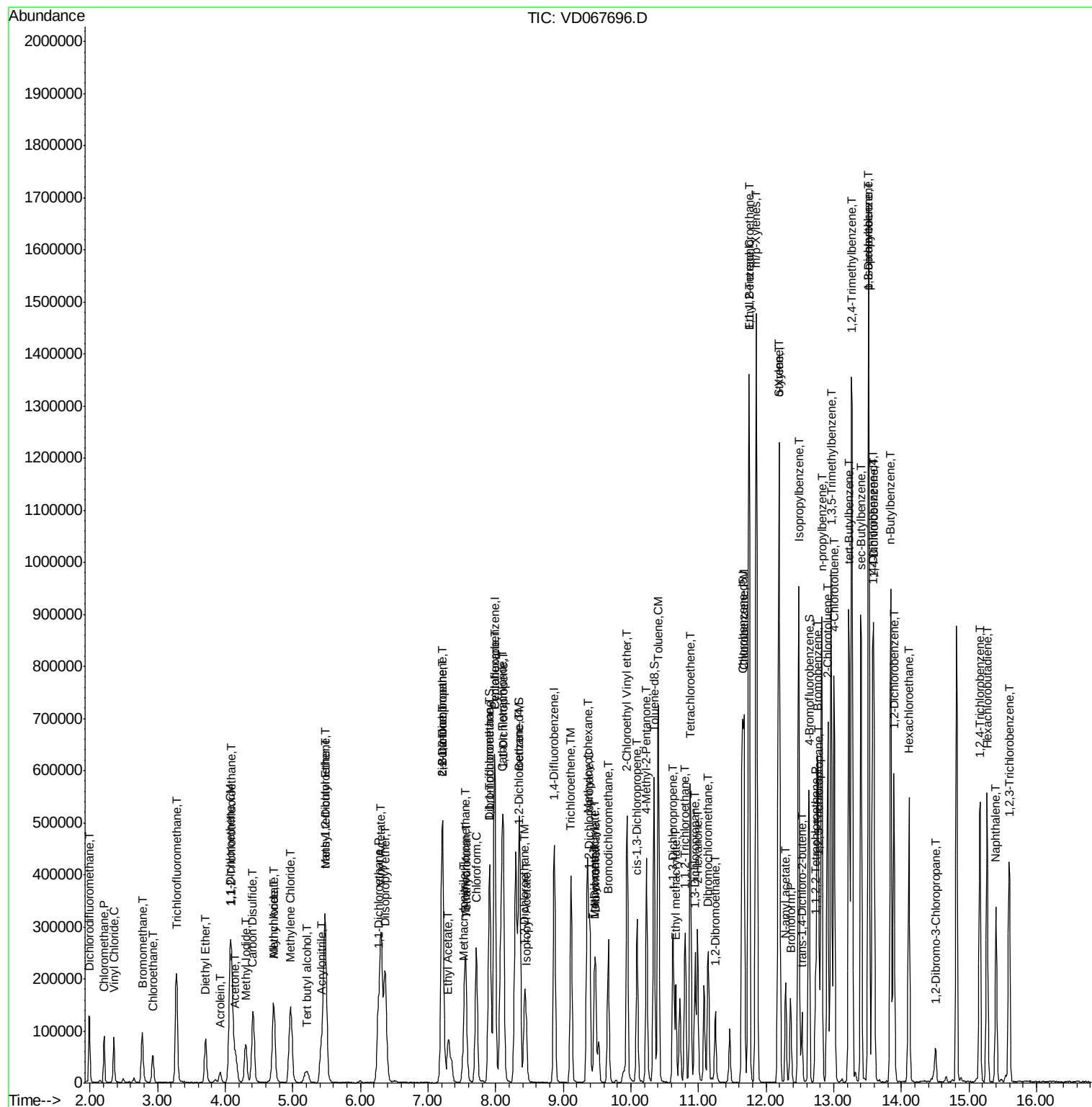
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111820\
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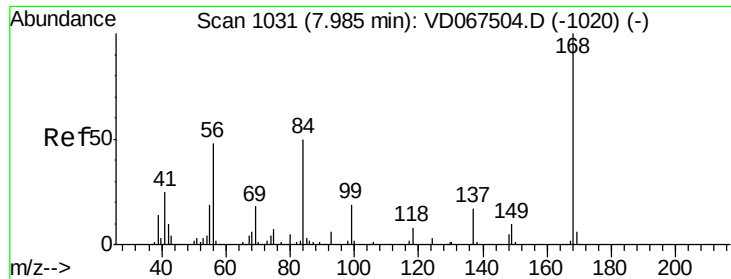
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050EC

Tot Ion:168 Resp: 269422

Ion Ratio Lower Upper

168 100

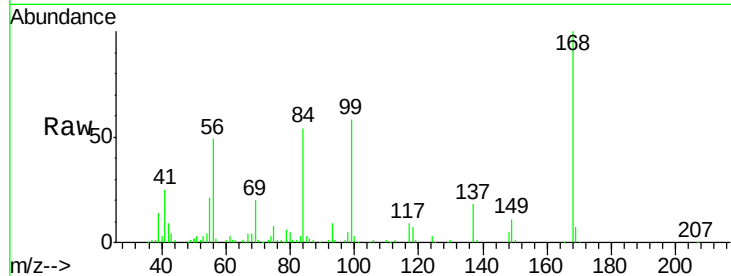
99 57.2 45.0 67.6

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

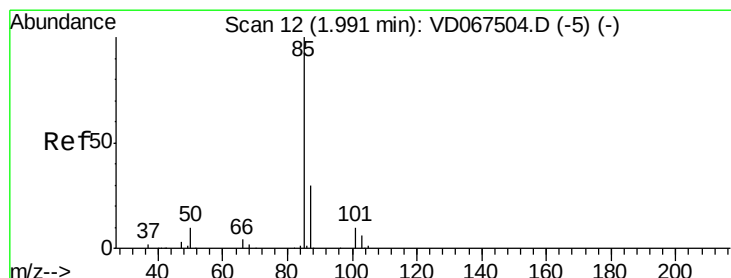
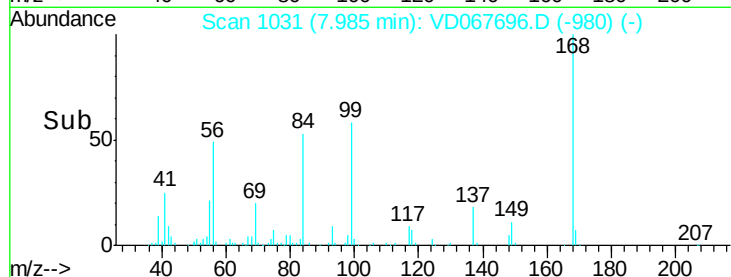
7.98

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.328 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067696.D

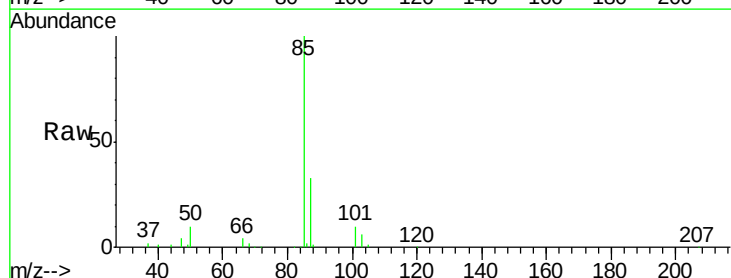
Acq: 18 Nov 2020 19:55

Tgt Ion: 85 Resp: 99783

Ion Ratio Lower Upper

85 100

87 32.8 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

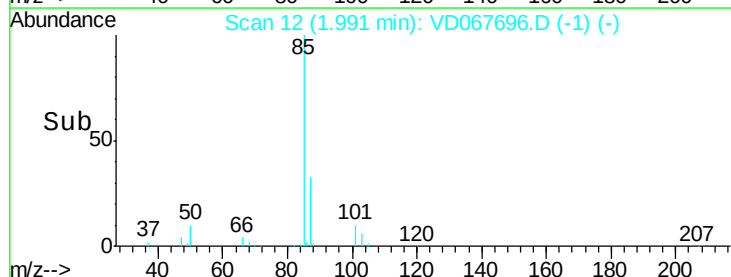
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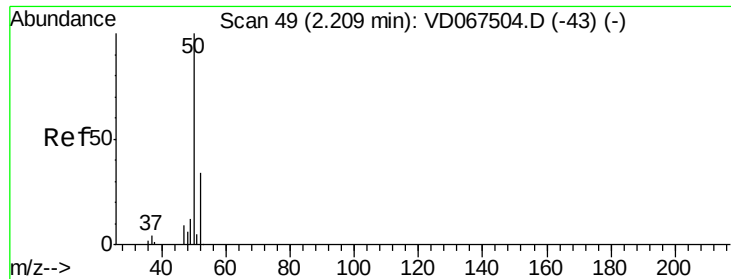
40000

20000

0

Time-->





#3

Chloromethane

Concen: 41.857 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 70226

Ion Ratio Lower Upper

50 100

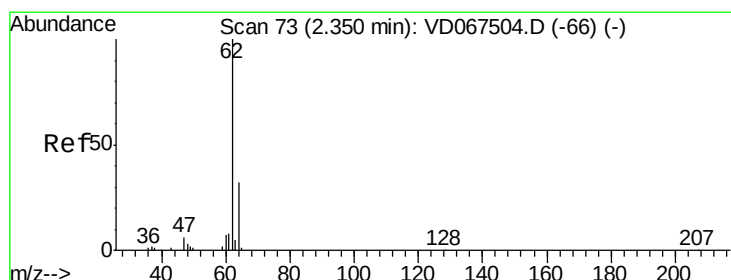
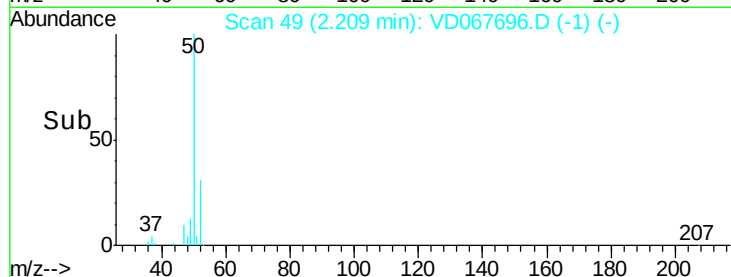
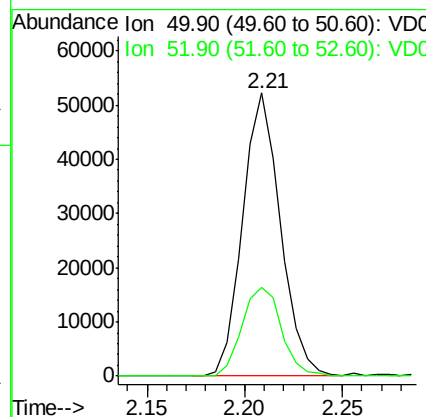
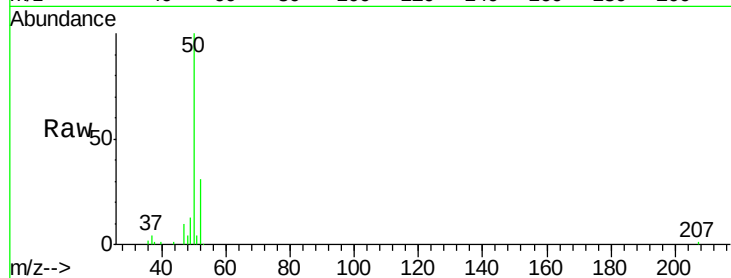
52 31.4 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 41.329 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067696.D

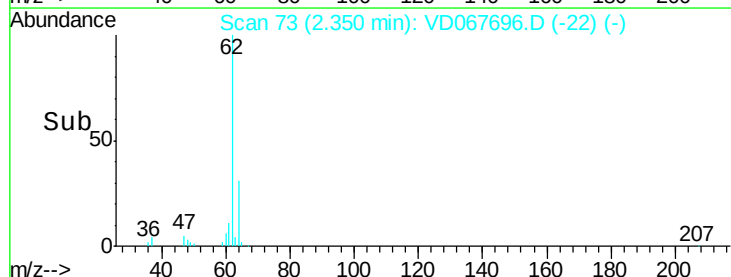
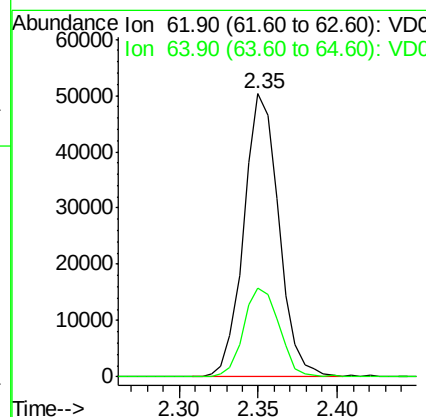
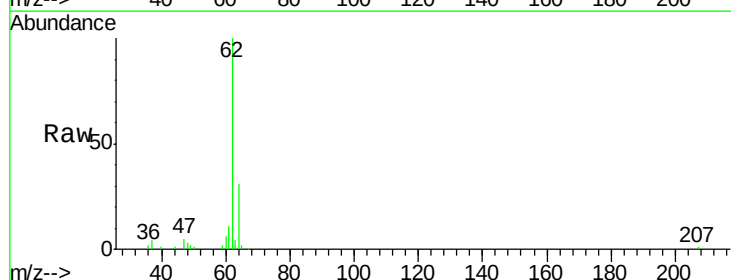
Acq: 18 Nov 2020 19:55

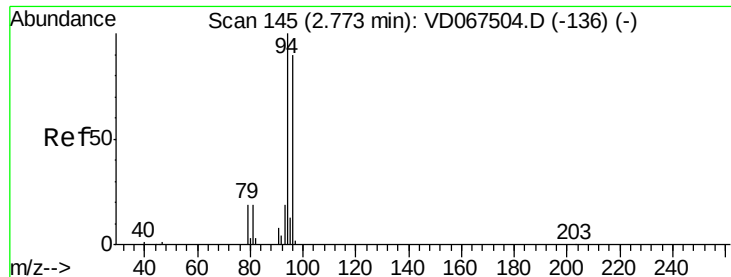
Tgt Ion: 62 Resp: 77307

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4





#5

Bromomethane

Concen: 45.801 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 69439

Ion Ratio Lower Upper

94 100

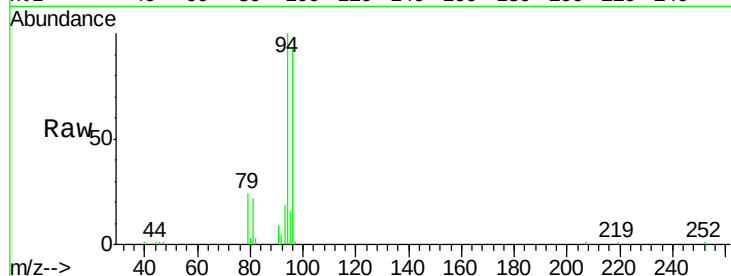
96 92.6 72.2 108.2

Manual Integrations

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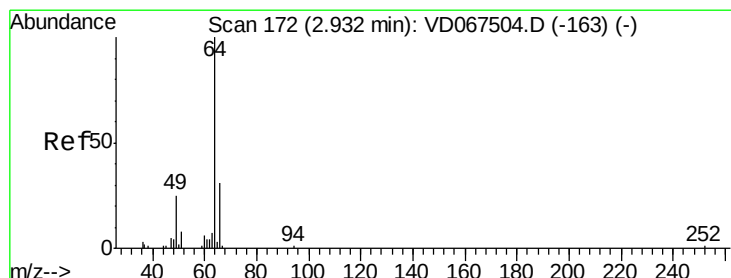
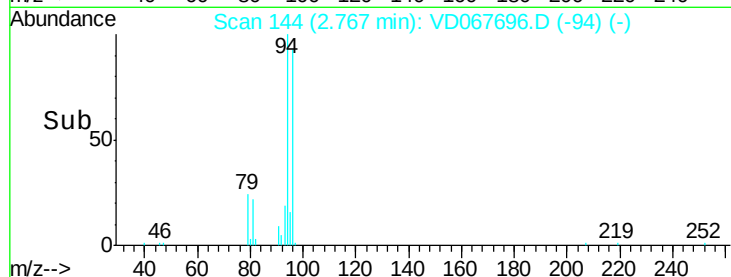
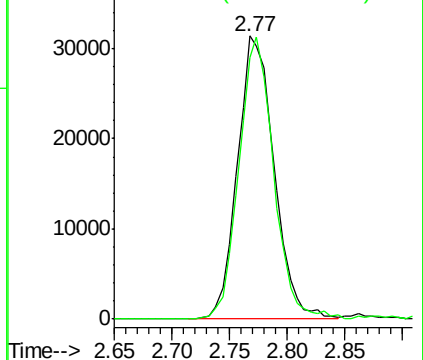
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.159 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067696.D

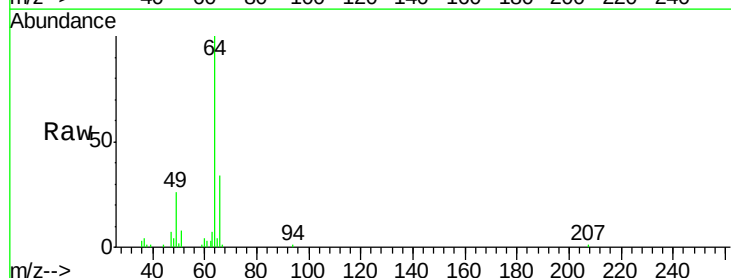
Acq: 18 Nov 2020 19:55

Tgt Ion: 64 Resp: 50925

Ion Ratio Lower Upper

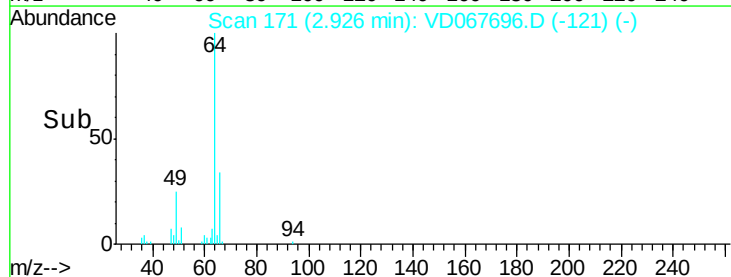
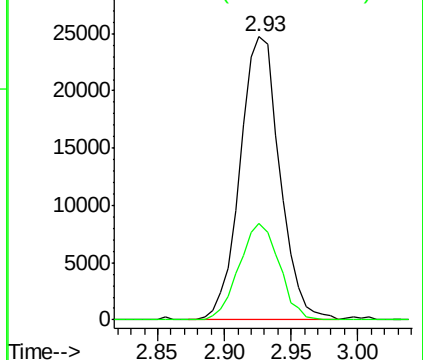
64 100

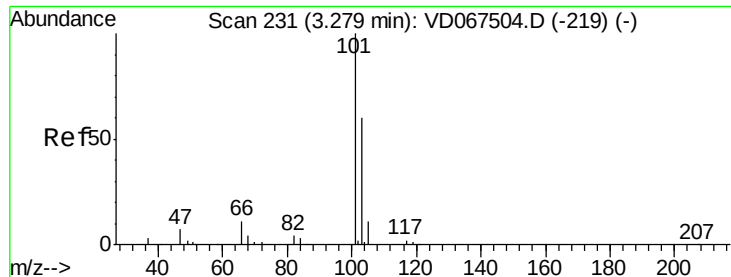
66 33.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

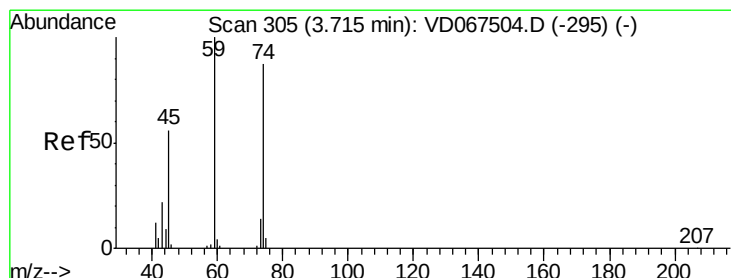
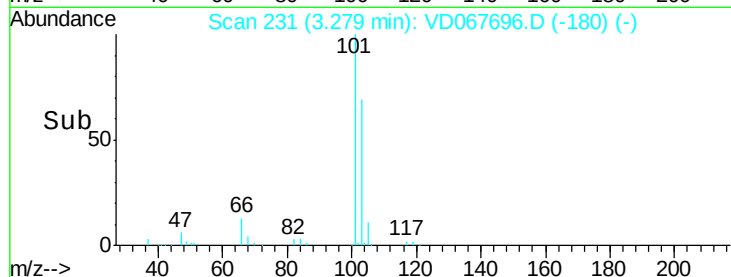
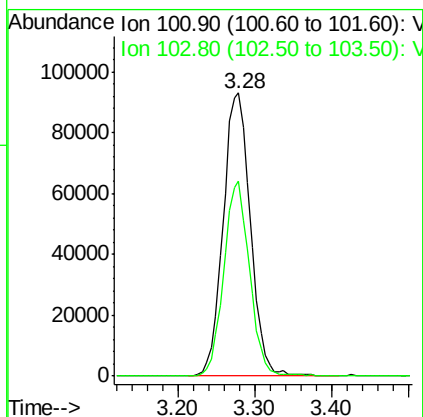
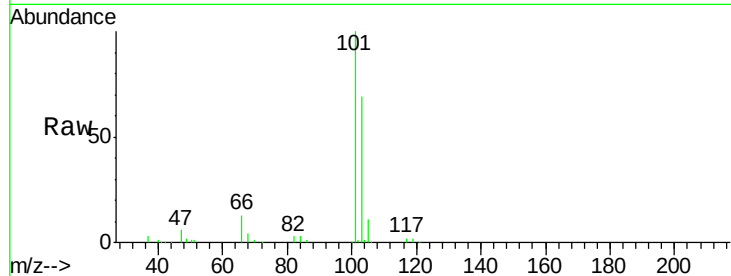
Trichlorofluoromethane
Concen: 47.383 ug/l
RT: 3.28 min Scan# 231
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		229487		
103	68.7	48.1	72.1		

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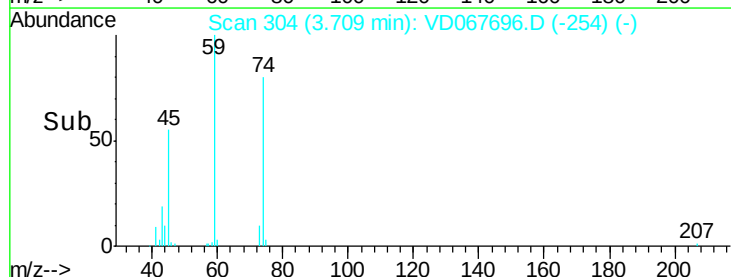
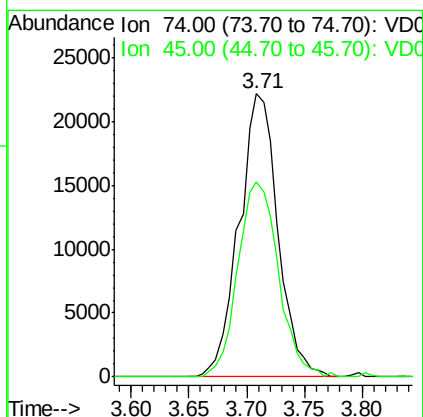
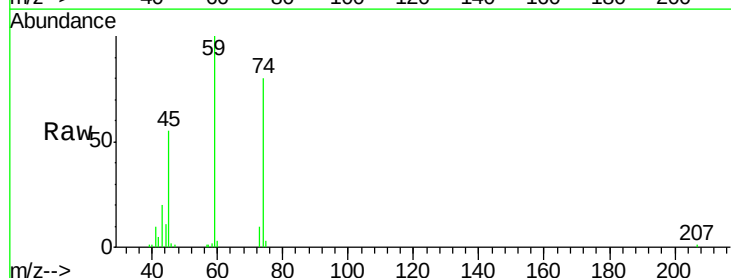
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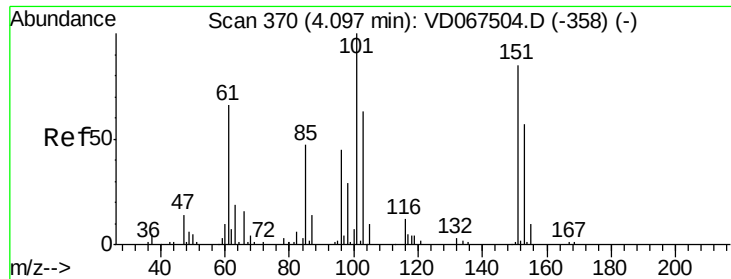


#8

Diethyl Ether
Concen: 53.152 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		51872		
45	72.0	38.2	114.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.896 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067696.D

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MSVOA_D

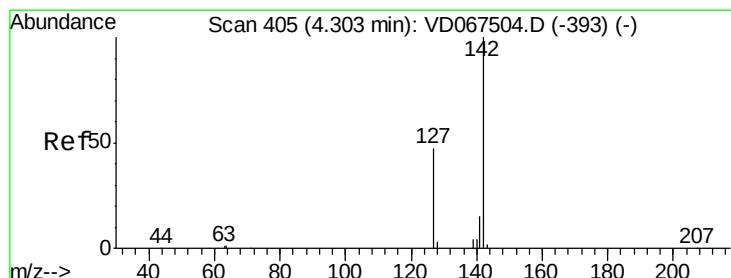
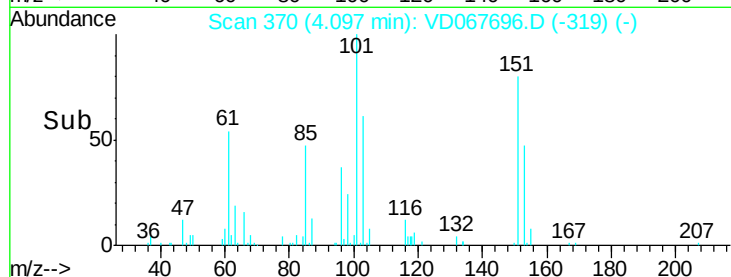
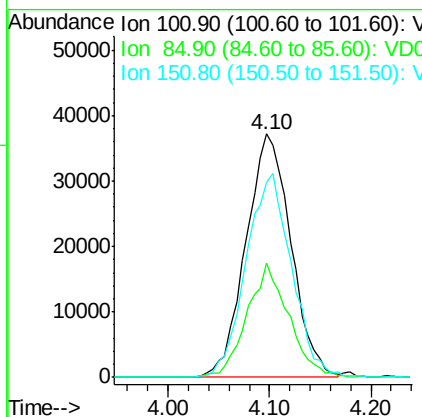
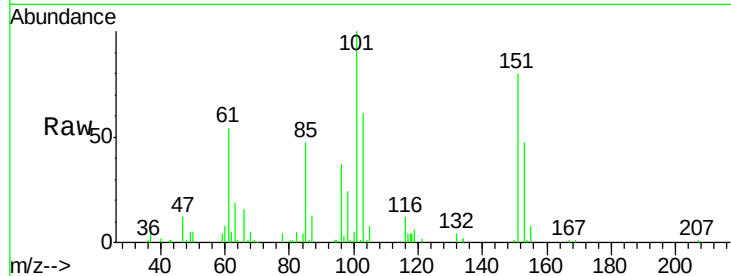
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	114649
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.4	51.6
151	85.0	68.1	102.1

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#10

Methyl Iodide

Concen: 45.289 ug/l

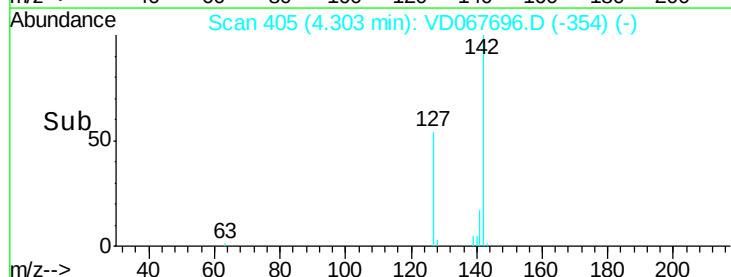
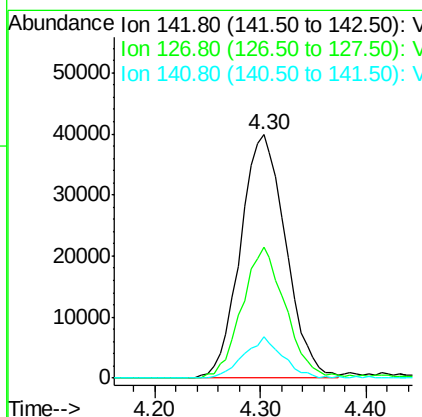
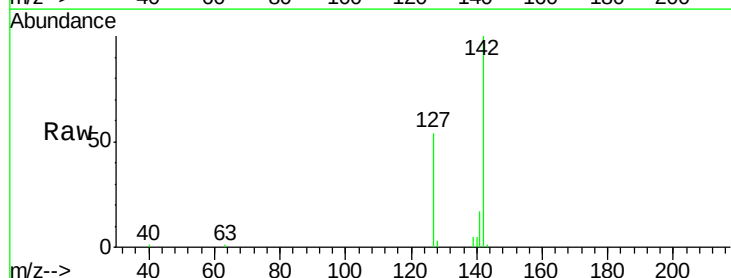
RT: 4.30 min Scan# 405

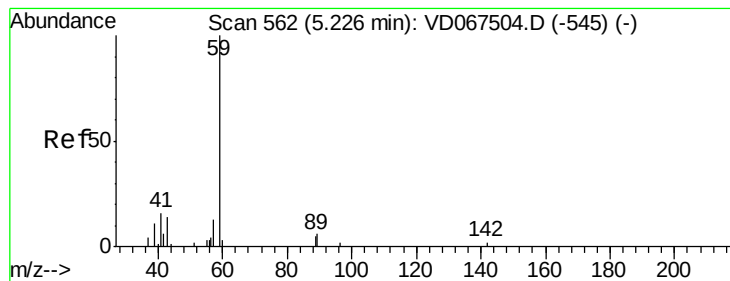
Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Tgt Ion:	142	Resp:	118669
Ion Ratio	Lower	Upper	
142	100		
127	51.8	40.0	60.0
141	14.6	11.7	17.5





#11

Tert butyl alcohol

Concen: 402.852 ug/l m

RT: 5.21 min Scan# 559

Delta R.T. -0.02 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 59 Resp: 39644

Ion Ratio Lower Upper

59 100

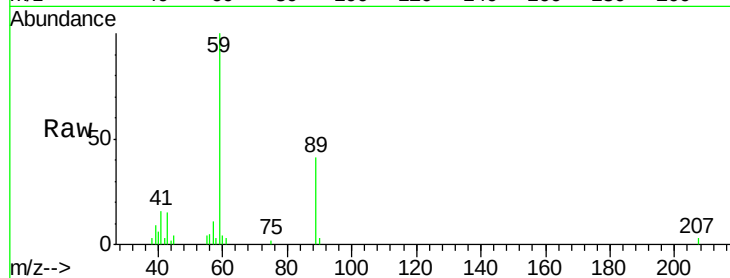
57 4.7 5.9 8.9#

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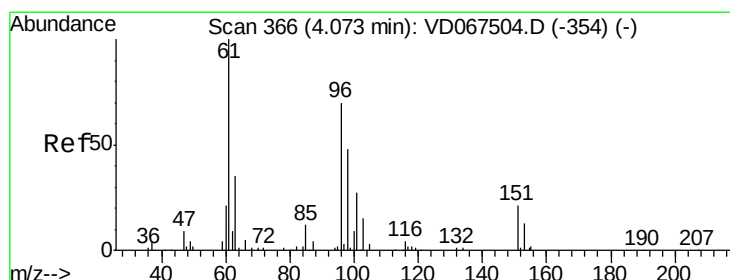
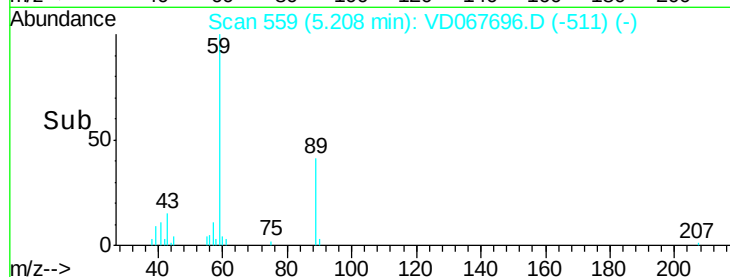
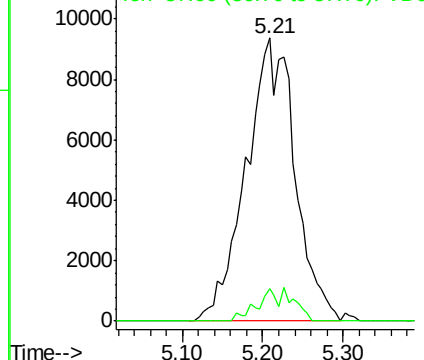
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Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 47.356 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

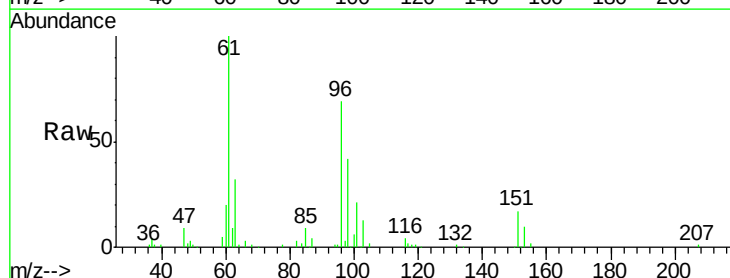
Tgt Ion: 96 Resp: 106491

Ion Ratio Lower Upper

96 100

61 144.3 114.5 171.7

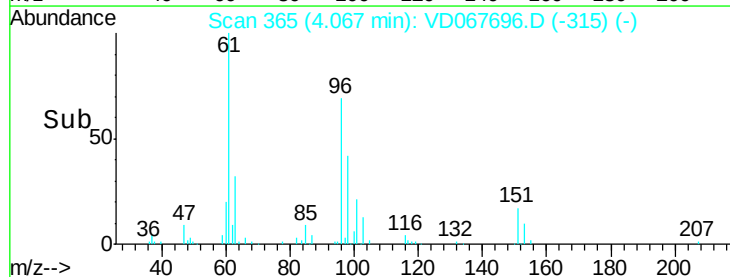
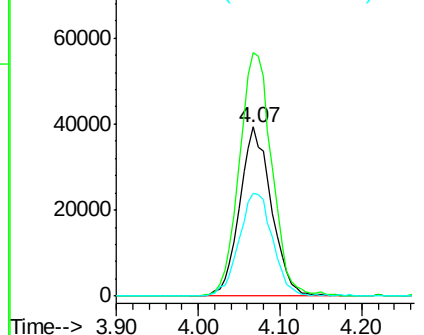
98 60.7 54.5 81.7

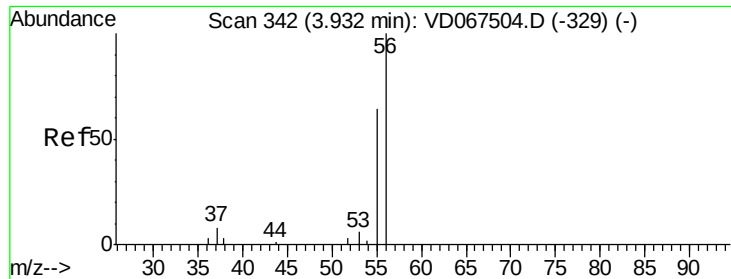


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 228.024 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 23549

Ion Ratio Lower Upper

56 100

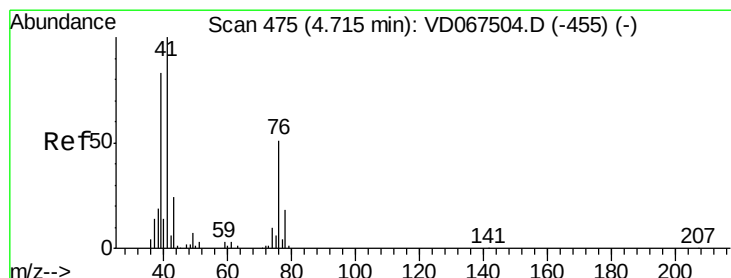
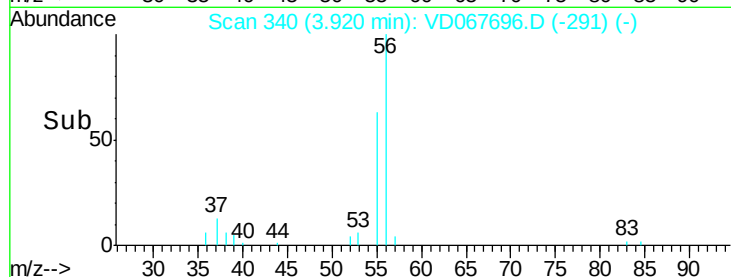
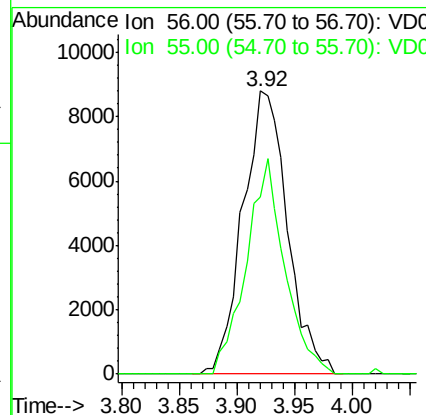
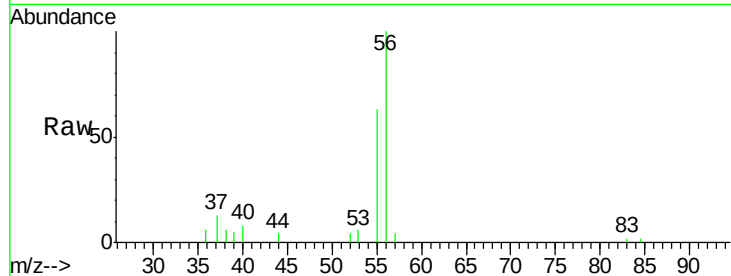
55 65.7 55.8 83.8

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#14

Allyl chloride

Concen: 47.897 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

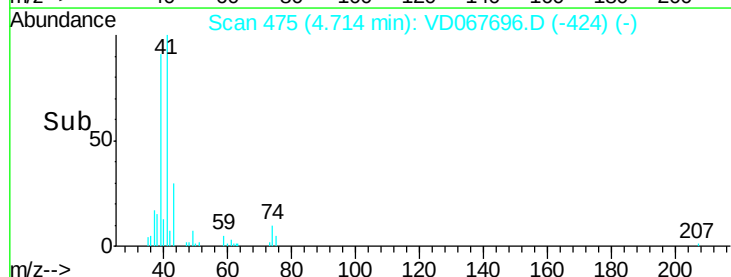
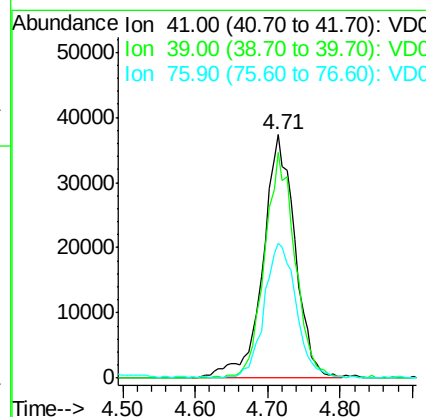
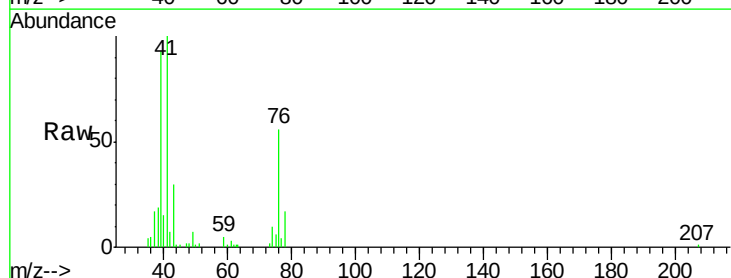
Tgt Ion: 41 Resp: 115273

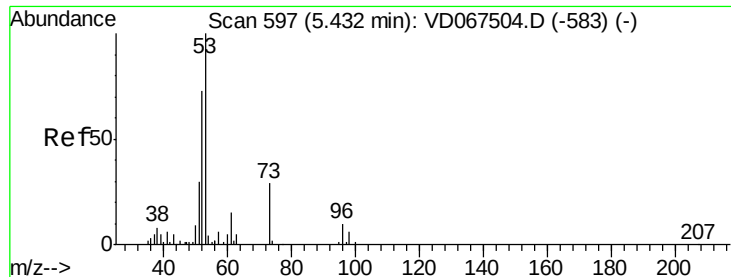
Ion Ratio Lower Upper

41 100

39 87.7 67.4 101.0

76 55.5 42.2 63.2





#15

Acrylonitrile

Concen: 263.861 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.02 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

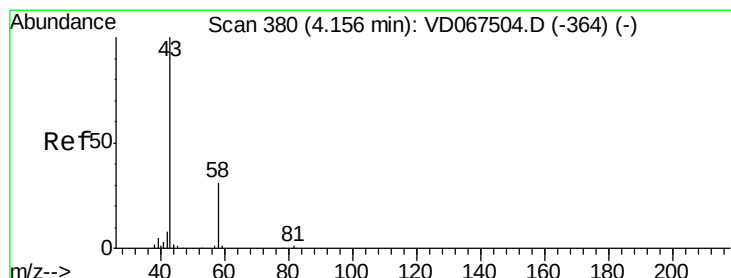
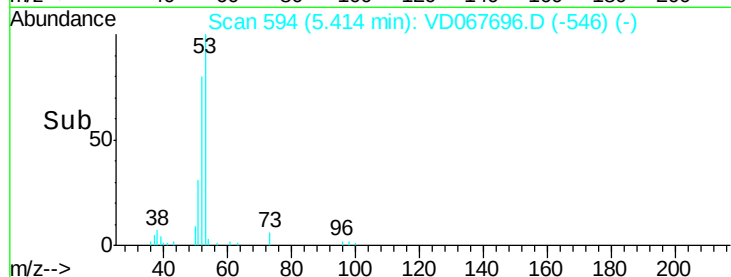
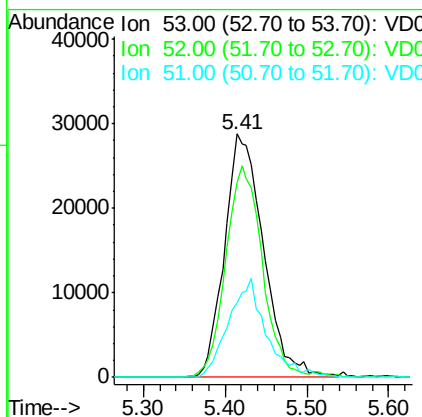
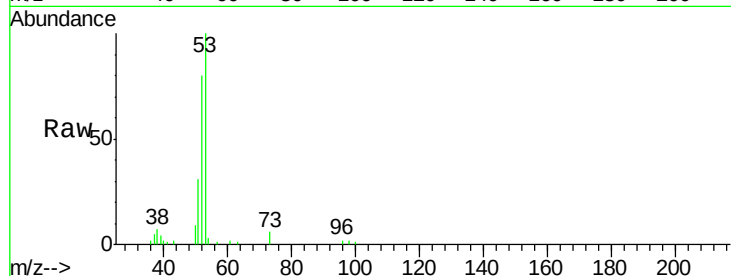
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	95188
Ion Ratio	Lower	Upper	
53	100		
52	81.8	64.8	97.2
51	39.1	29.5	44.3

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#16

Acetone

Concen: 242.934 ug/l

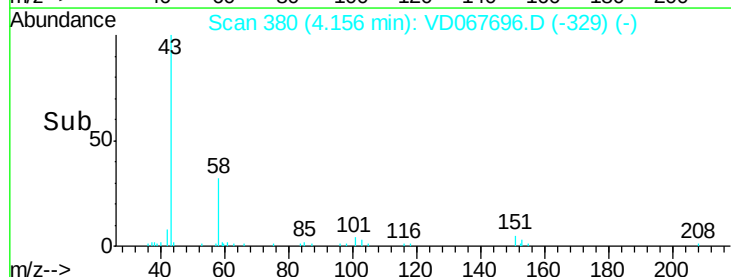
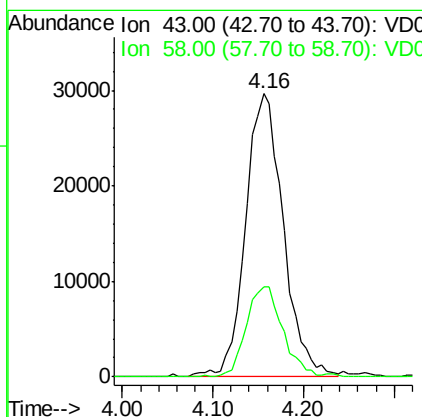
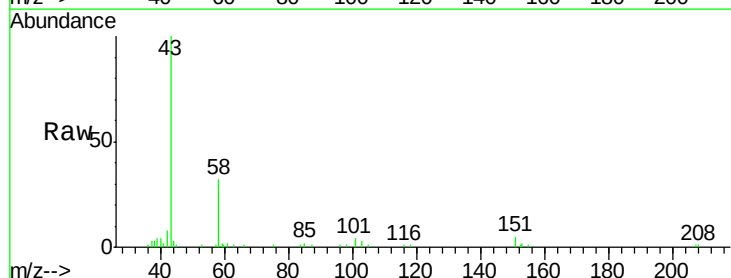
RT: 4.16 min Scan# 380

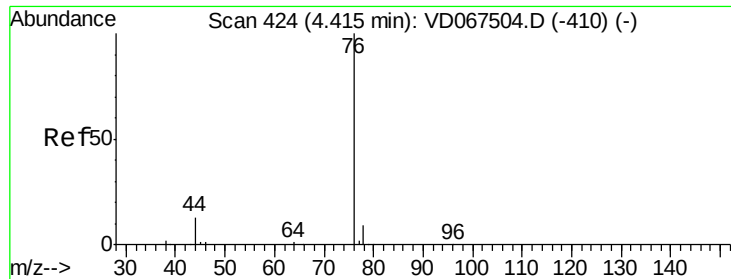
Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Tgt Ion:	43	Resp:	85642
Ion Ratio	Lower	Upper	
43	100		
58	31.7	25.2	37.8





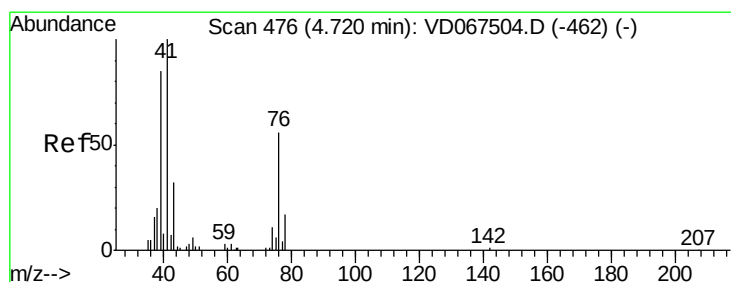
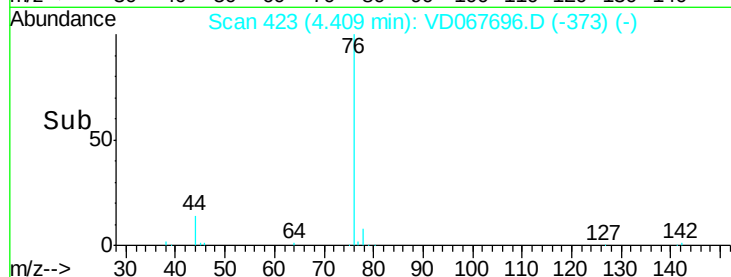
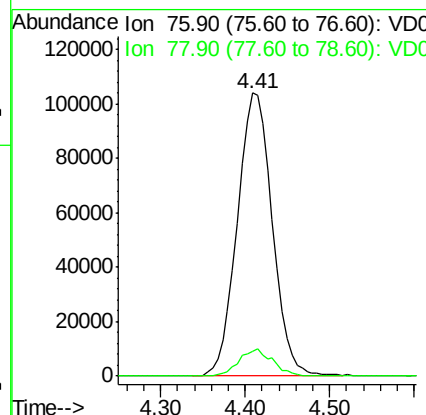
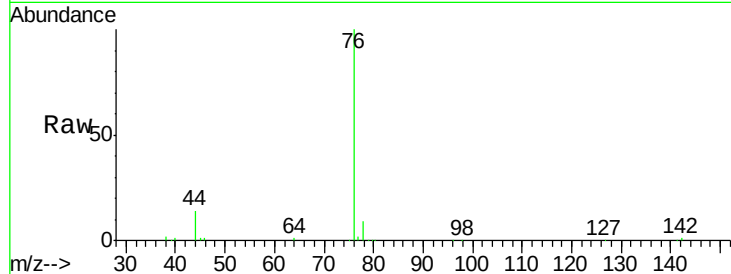
#17
Carbon Disulfide
Concen: 43.330 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

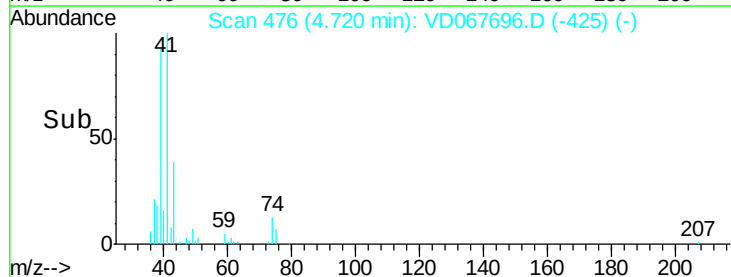
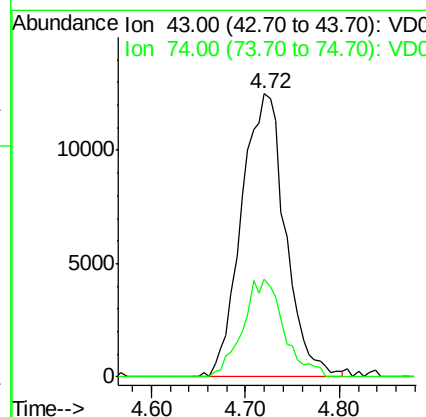
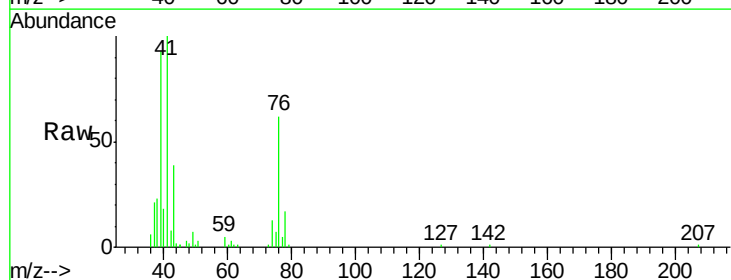
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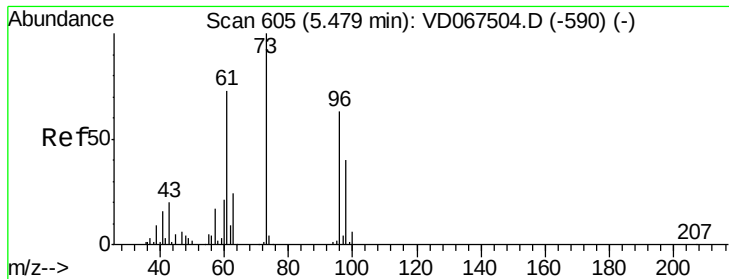
MMDadoda
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#18
Methyl Acetate
Concen: 55.535 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	32.1	27.2	40.8





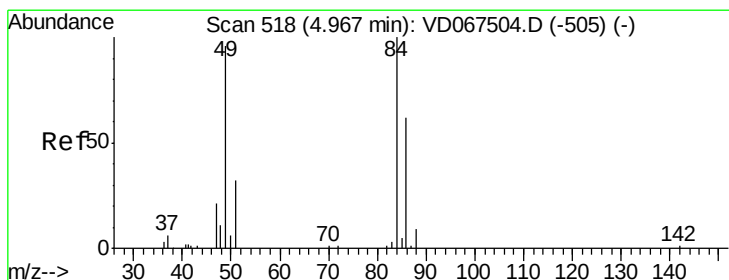
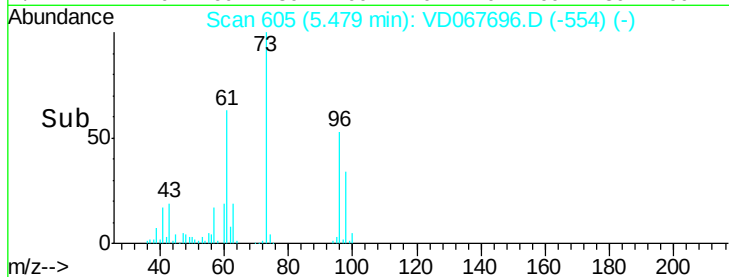
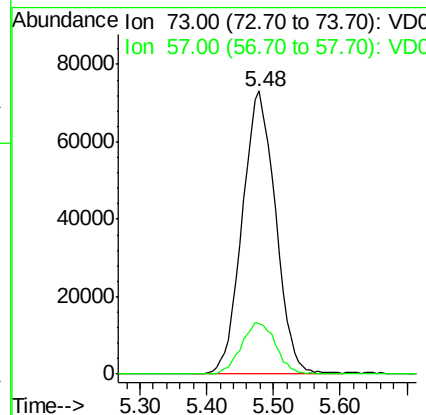
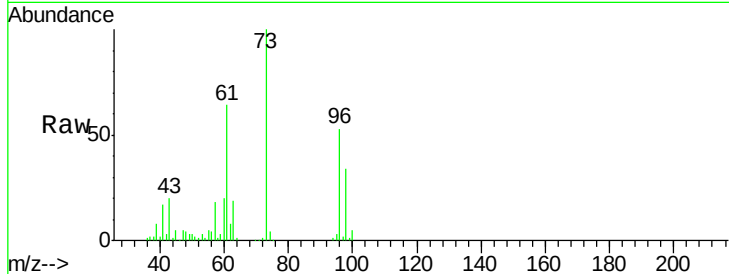
#19
Methyl tert-butyl Ether
Concen: 56.790 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 251900
Ion Ratio Lower Upper
73 100
57 17.7 13.4 20.0

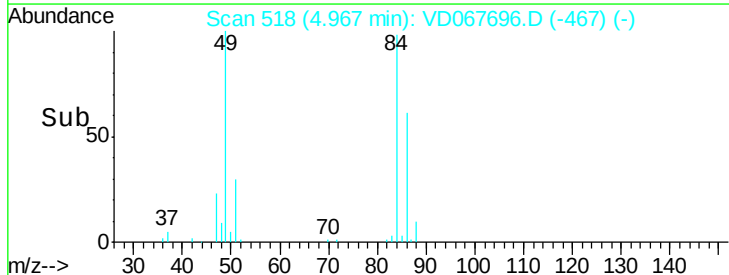
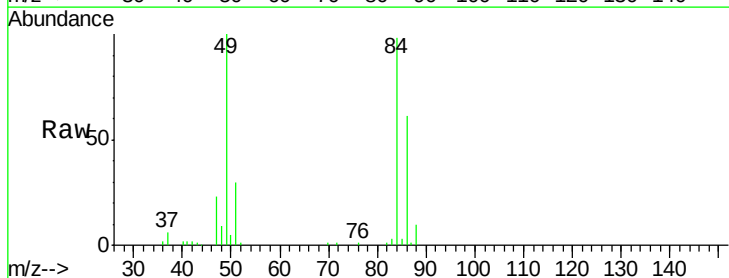
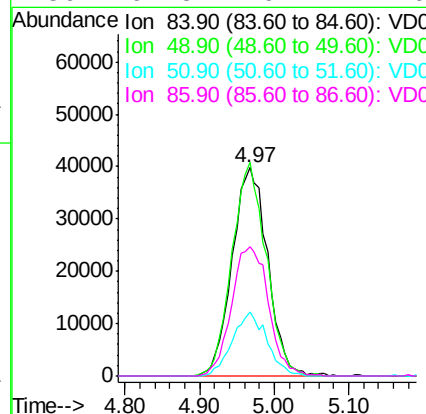
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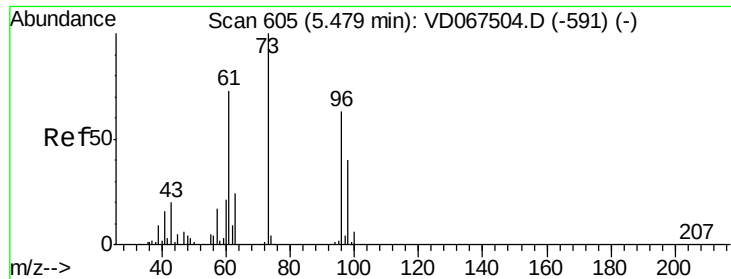
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#20
Methylene Chloride
Concen: 52.783 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion: 84 Resp: 131443
Ion Ratio Lower Upper
84 100
49 102.5 77.0 115.4
51 30.9 25.4 38.2
86 62.3 49.4 74.0





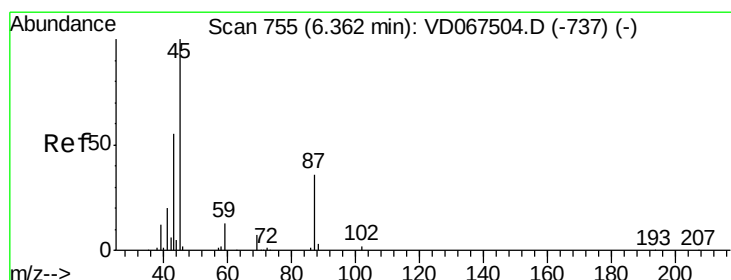
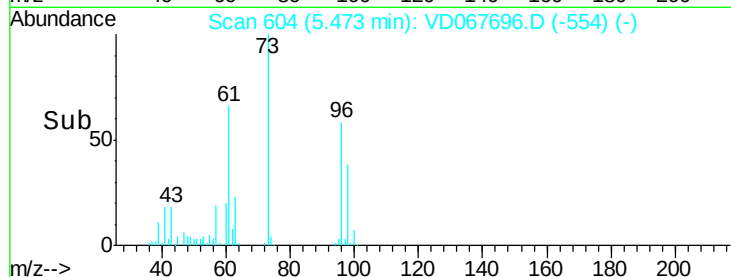
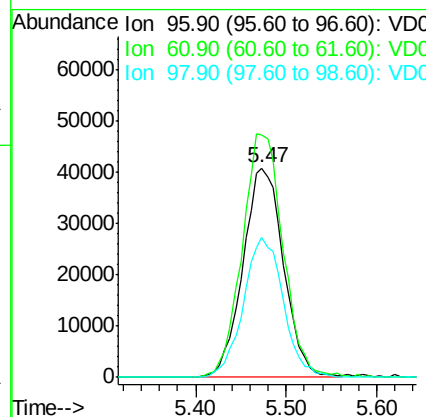
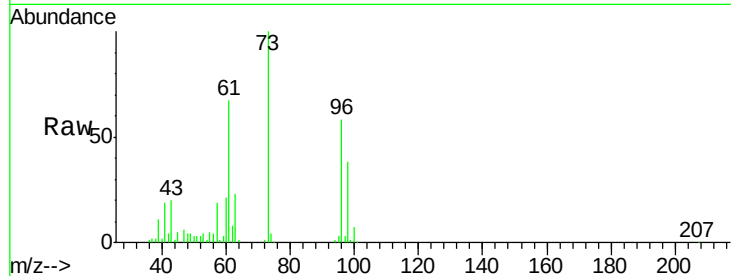
#21
trans-1,2-Dichloroethene
Concen: 48.515 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	115.6	93.0	139.6
98	66.6	50.9	76.3

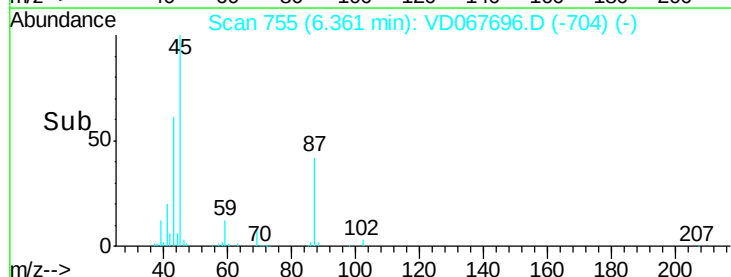
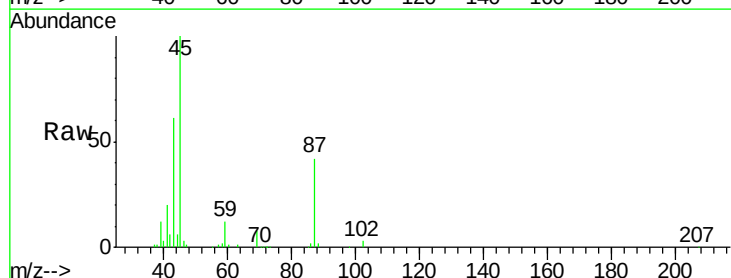
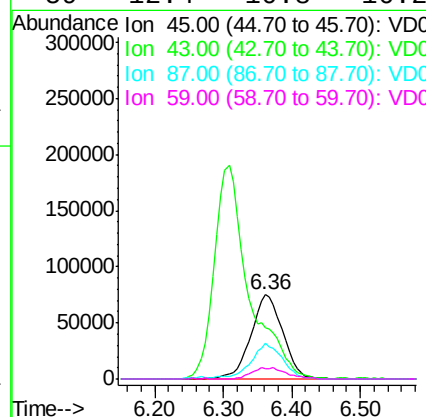
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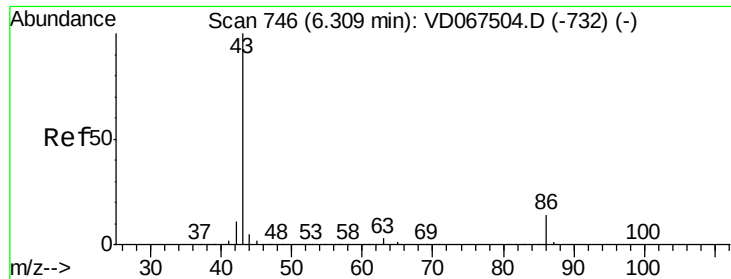
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#22
Diisopropyl ether
Concen: 52.060 ug/l
RT: 6.36 min Scan# 755
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.1	46.2	69.4
87	42.2	29.4	44.2
59	12.4	10.8	16.2





#23

Vinyl Acetate

Concen: 272.340 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 668592

Ion Ratio Lower Upper

43 100

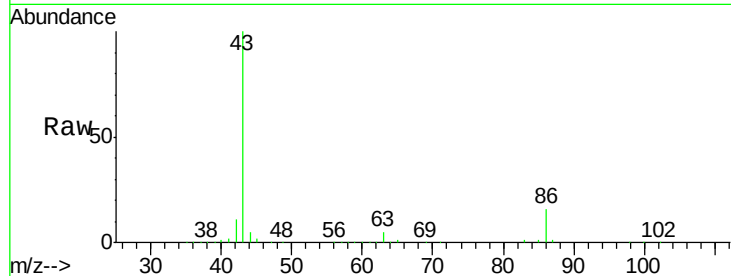
86 15.9 11.6 17.4

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

200000

150000

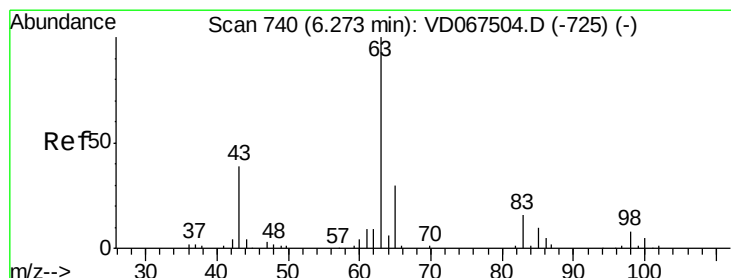
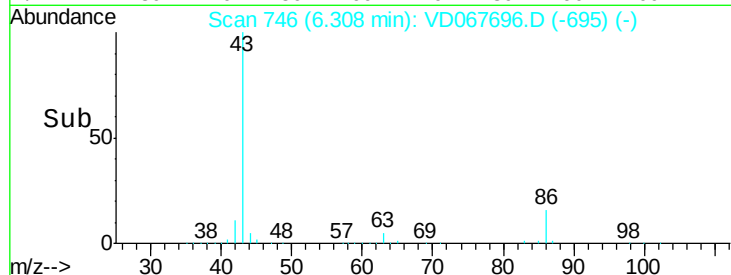
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 50.865 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

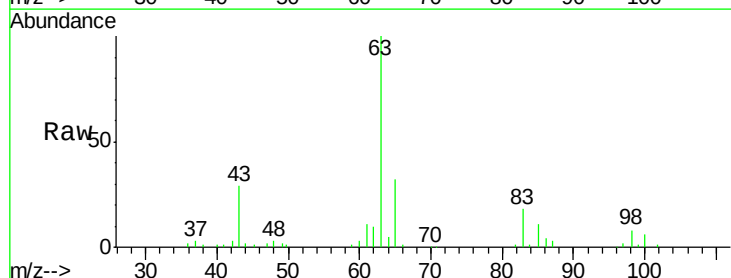
Tgt Ion: 63 Resp: 195160

Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.5

100 5.9 2.6 7.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

80000

60000

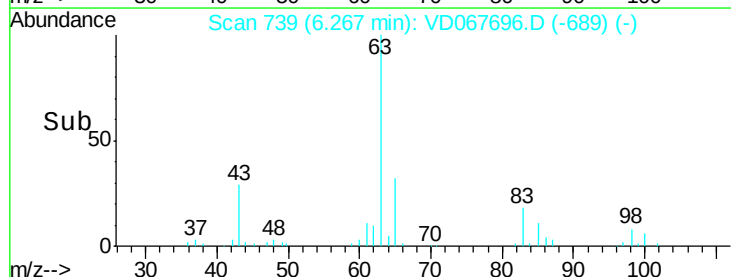
40000

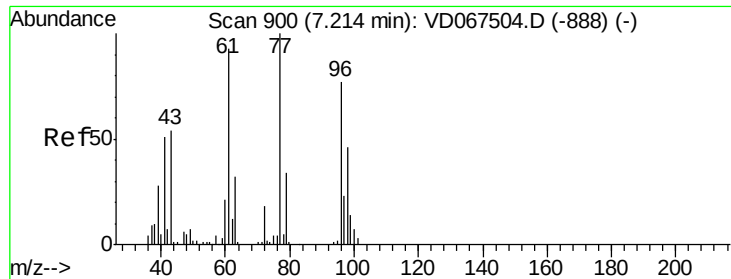
20000

0

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 260.793 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 98238

Ion Ratio Lower Upper

43 100

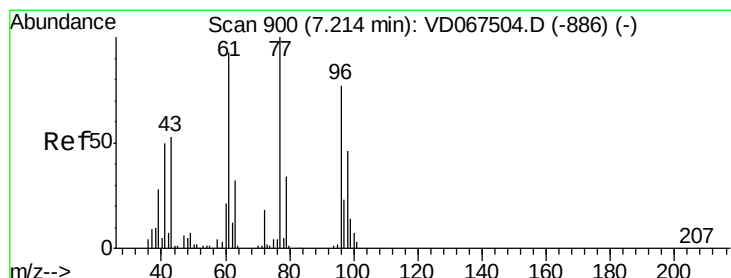
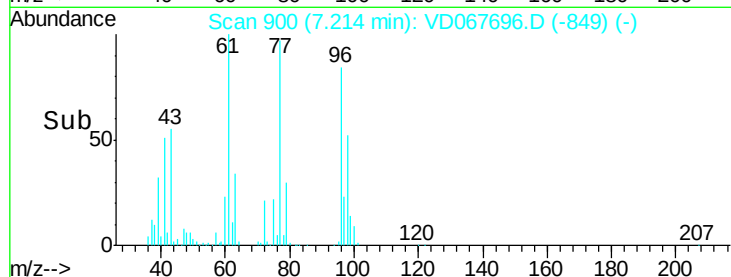
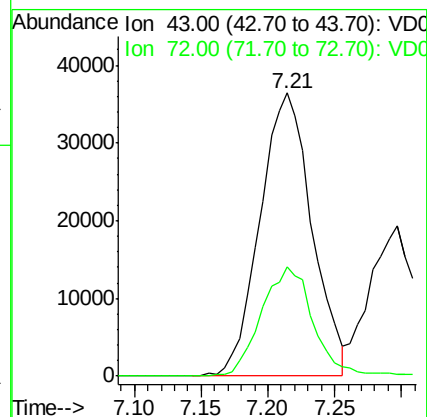
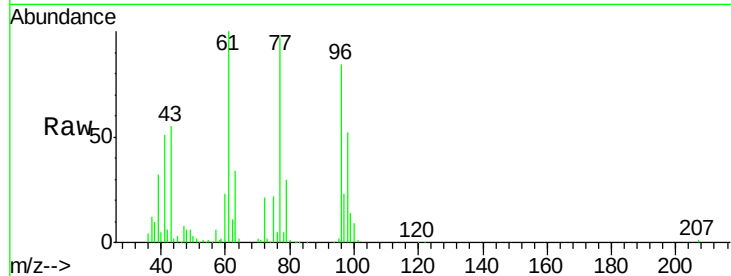
72 38.7 26.4 39.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.532 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067696.D

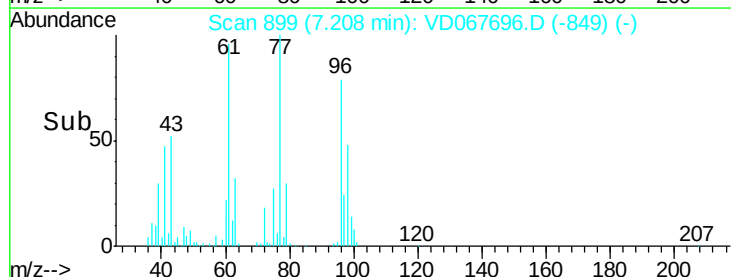
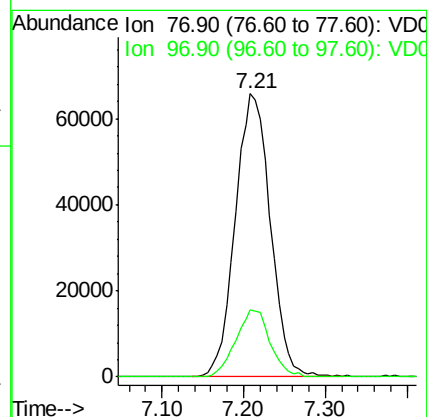
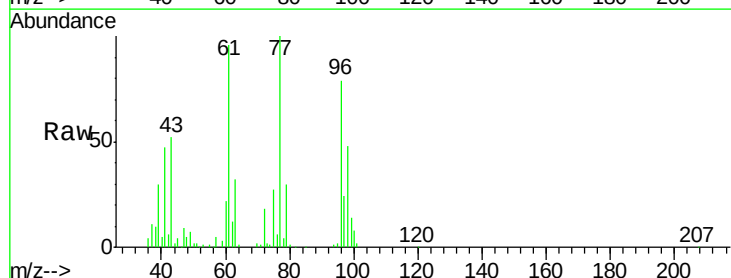
Acq: 18 Nov 2020 19:55

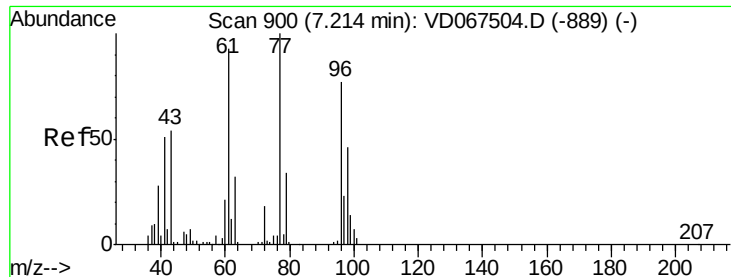
Tgt Ion: 77 Resp: 196524

Ion Ratio Lower Upper

77 100

97 23.1 11.1 33.3





#27

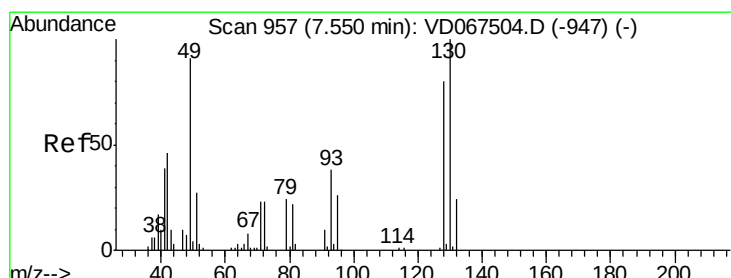
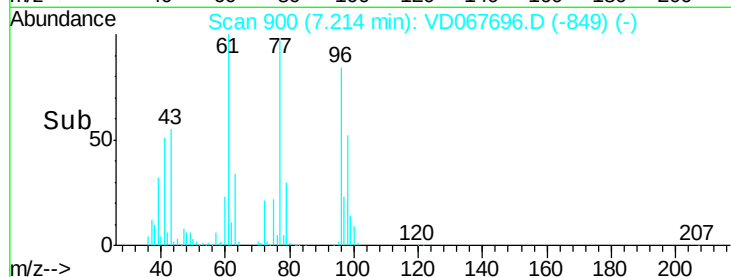
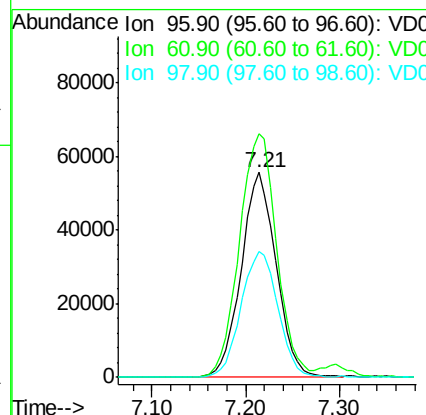
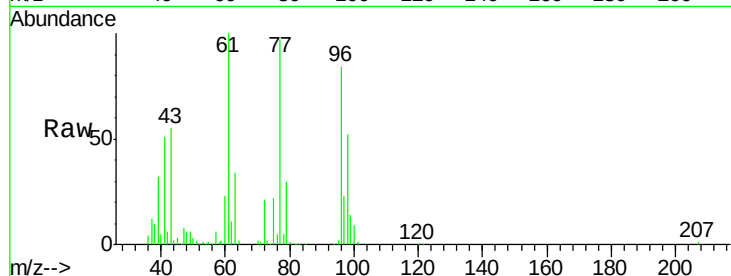
cis-1,2-Dichloroethene
Concen: 52.839 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.0	0.0	251.6
98	64.9	0.0	128.0

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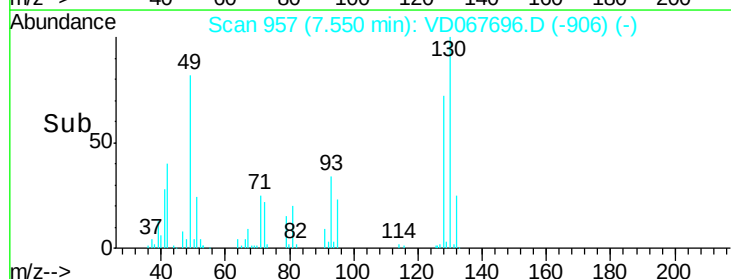
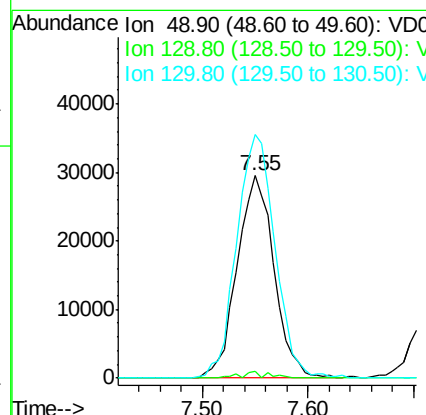
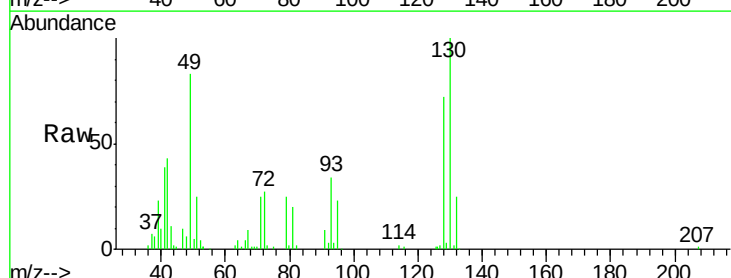
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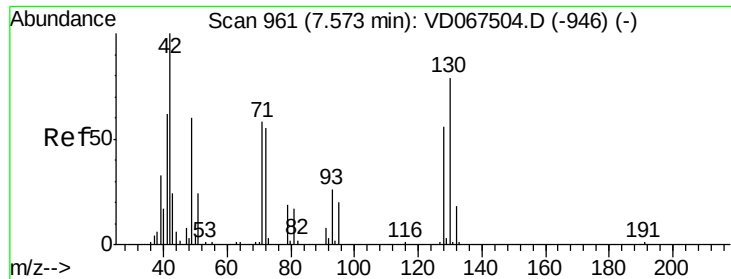


#28

Bromochloromethane
Concen: 52.684 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	6.4
130	124.3	94.6	142.0





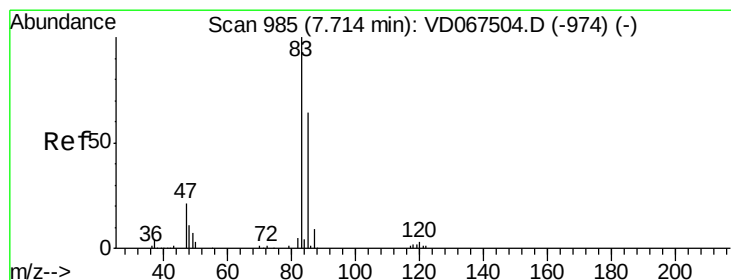
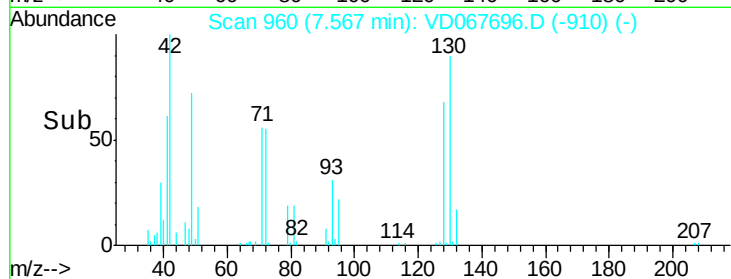
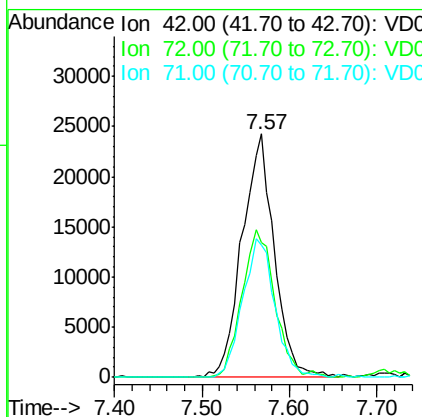
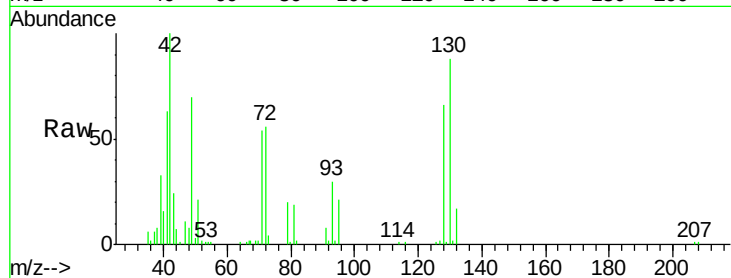
#29
Tetrahydrofuran
Concen: 268.850 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	61.3	46.3	69.5
71	56.7	44.0	66.0

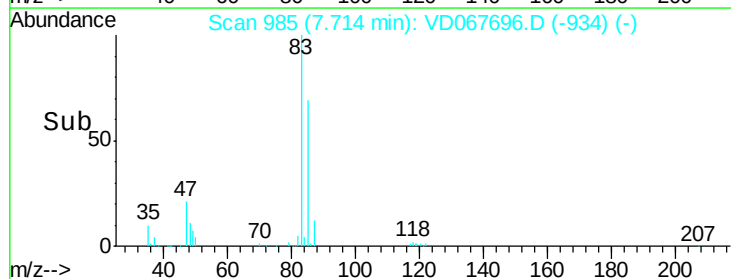
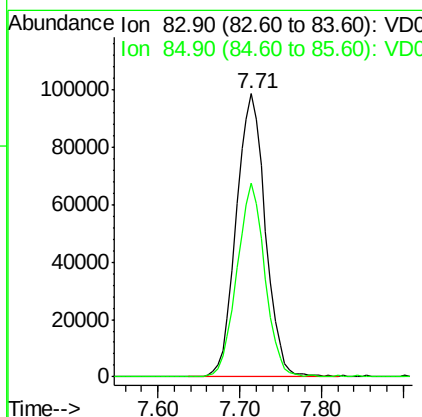
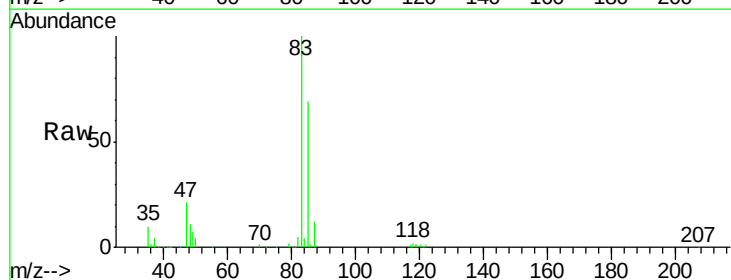
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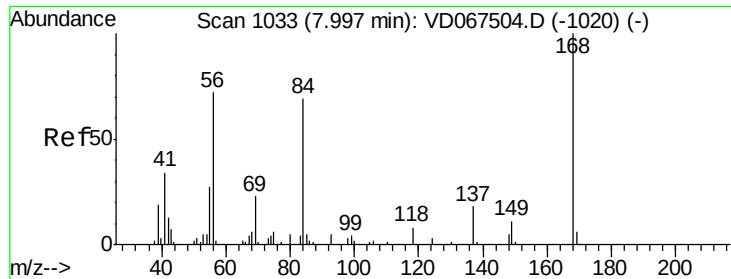
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#30
Chloroform
Concen: 53.345 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.7	51.5	77.3





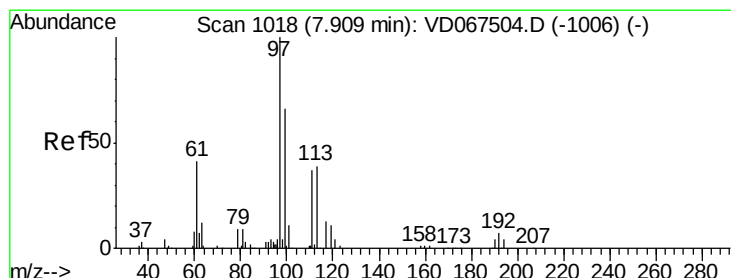
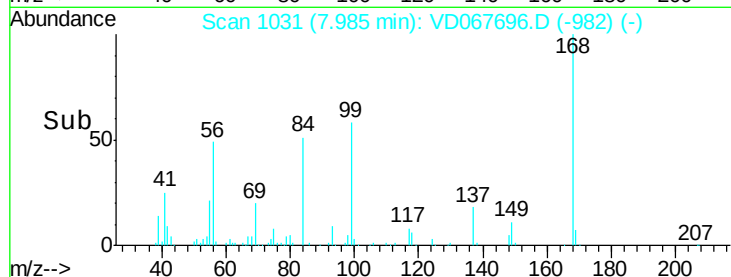
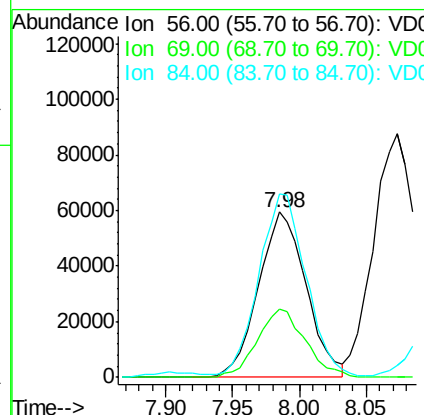
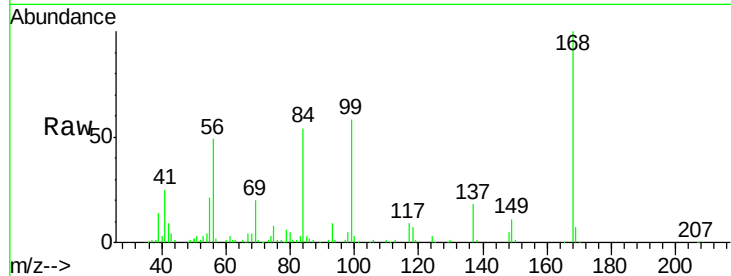
#31
Cyclohexane
Concen: 43.250 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.3	25.9	38.9#
84	108.7	76.2	114.4

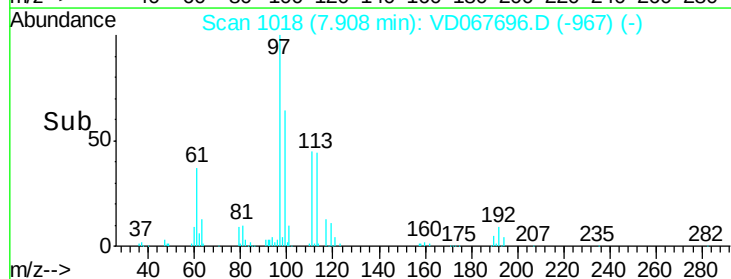
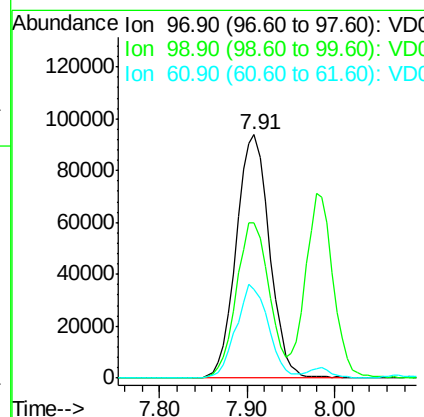
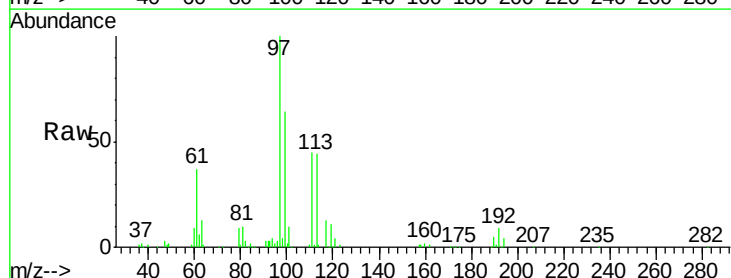
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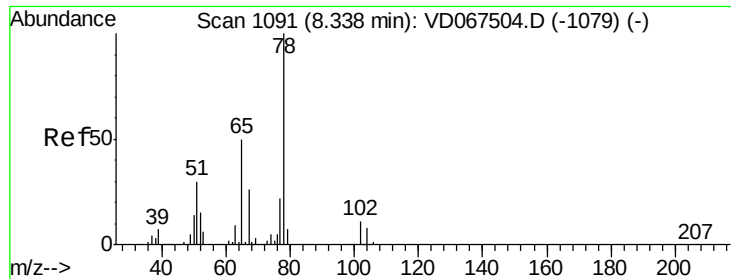
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#32
1,1,1-Trichloroethane
Concen: 51.135 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.8	77.6
61	37.3	30.5	45.7





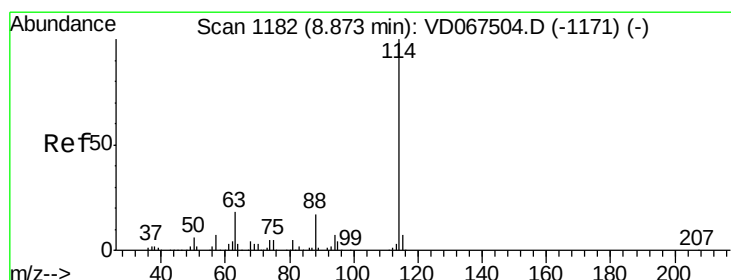
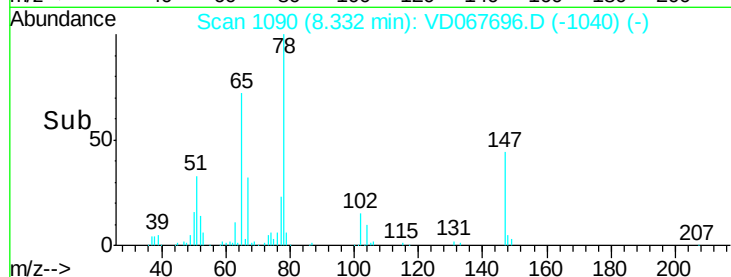
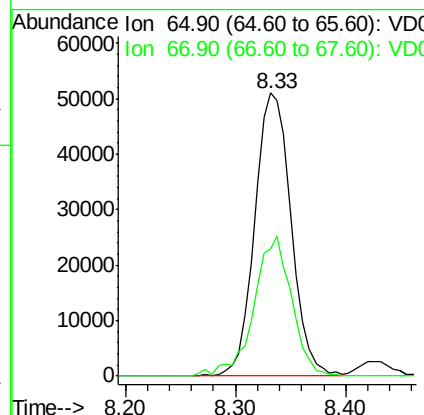
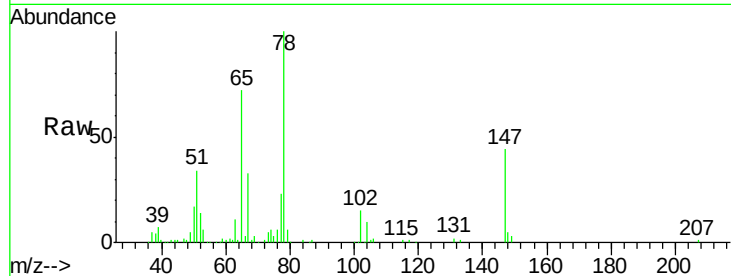
#33
 1,2-Dichloroethane-d4
 Concen: 50.042 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	99.4

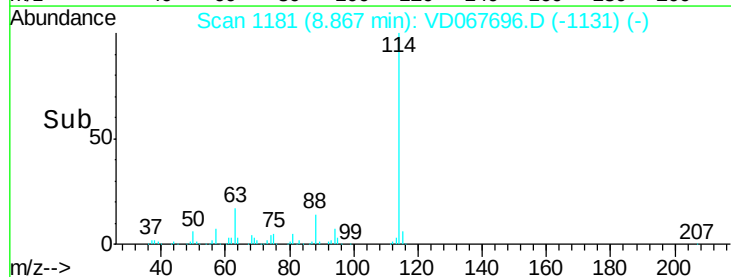
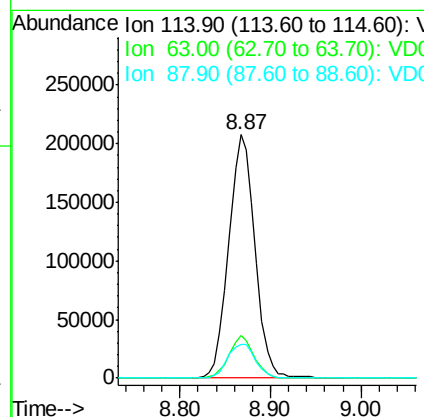
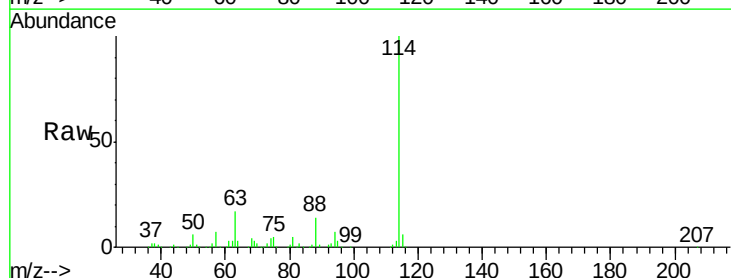
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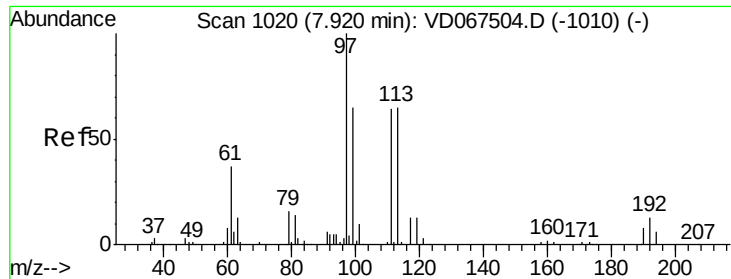
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	35.0
88	13.7	0.0	33.0





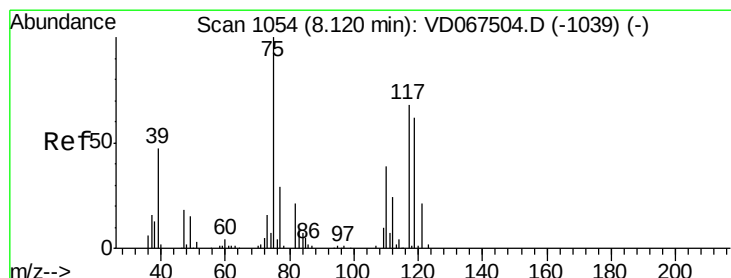
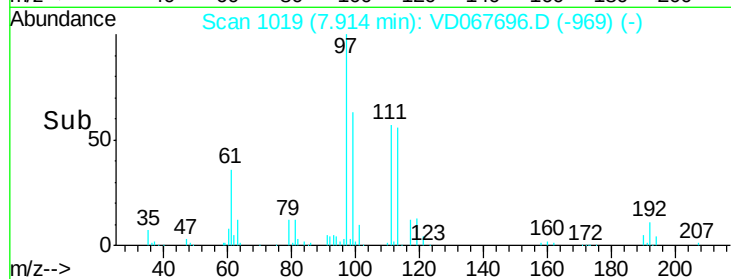
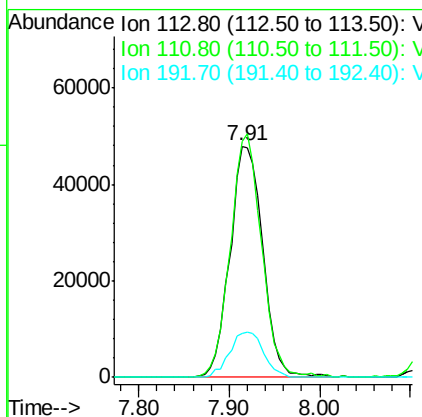
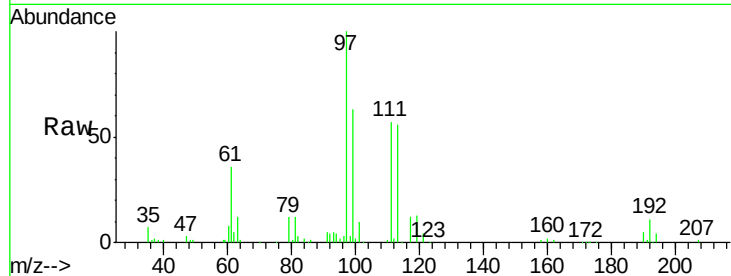
#35
Dibromofluoromethane
Concen: 47.768 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	120334		
111	101.1	80.0	120.0	
192	20.3	16.3	24.5	

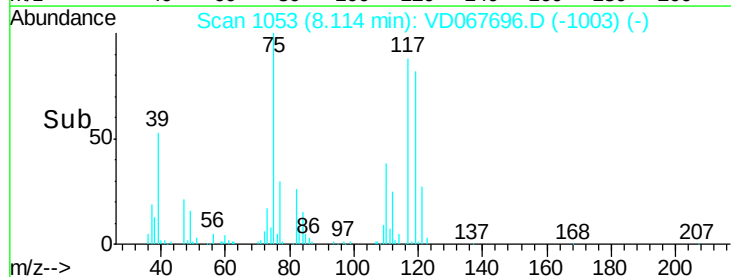
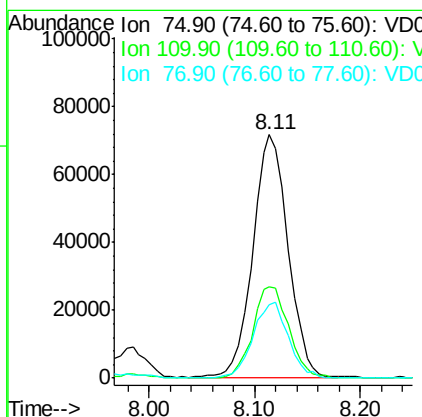
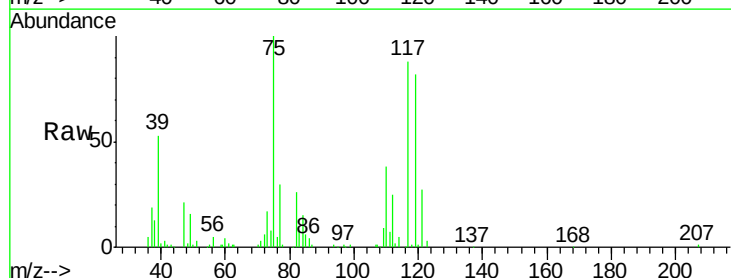
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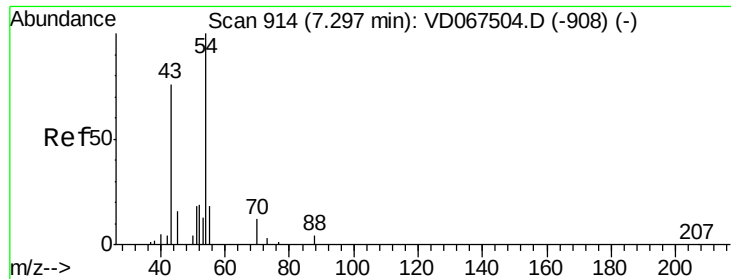
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#36
1,1-Dichloropropene
Concen: 46.743 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	167293		
110	38.3	19.9	59.7	
77	31.1	24.8	37.2	





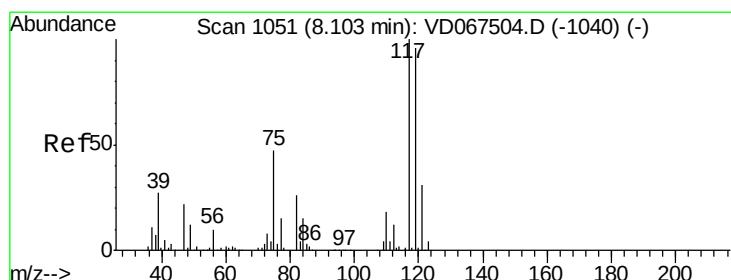
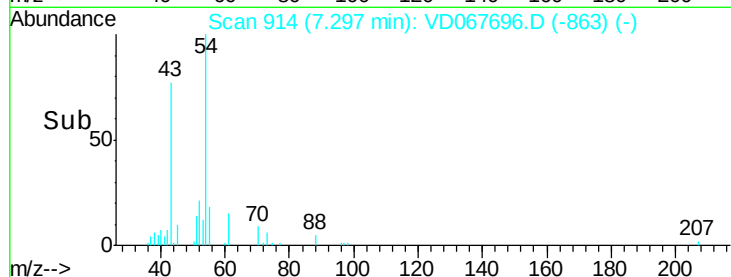
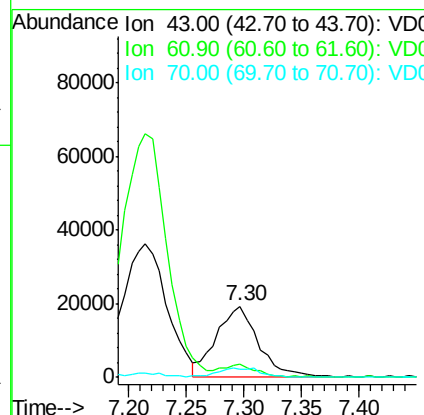
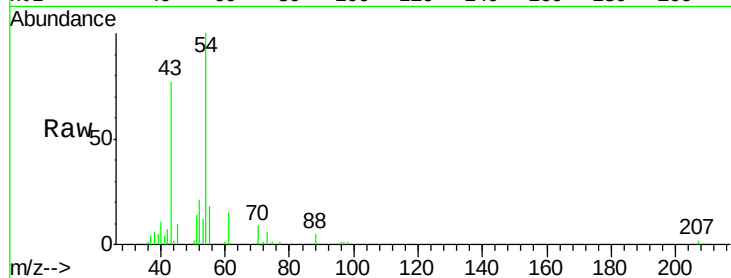
#37
Ethyl Acetate
Concen: 51.660 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	12.8	19.2
70	14.2	11.7	17.5

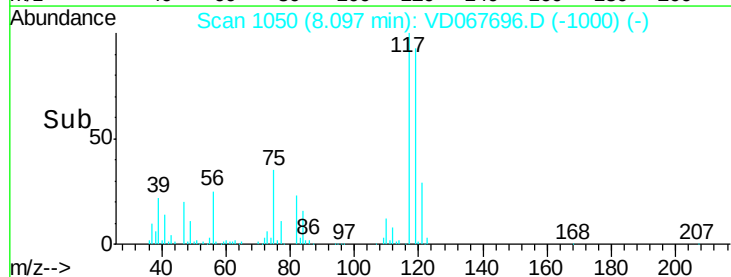
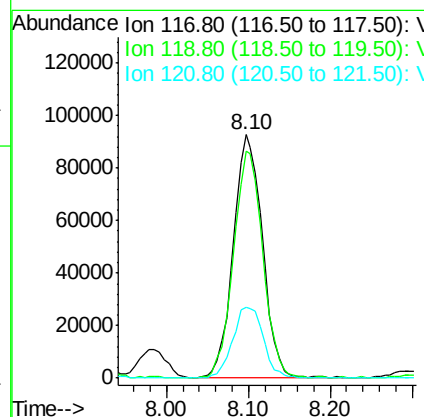
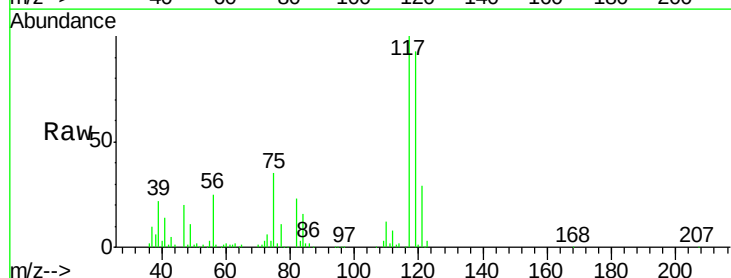
Manual Integrations
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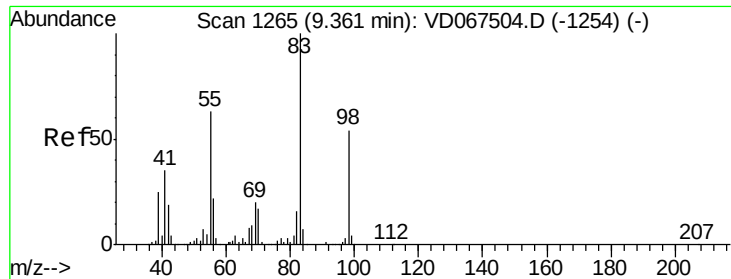
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#38
Carbon Tetrachloride
Concen: 49.538 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.9	115.3
121	29.2	24.5	36.7





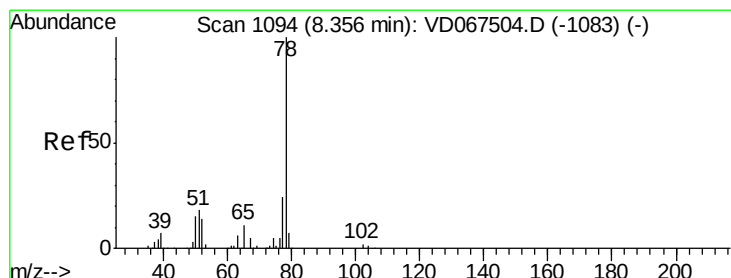
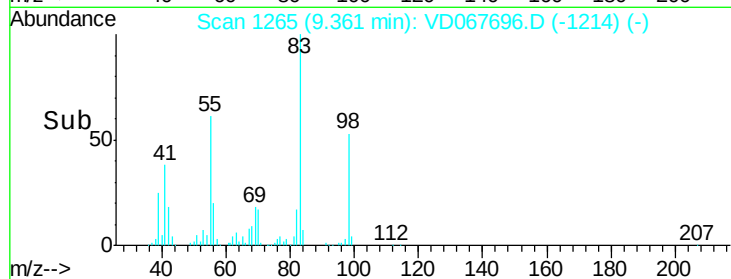
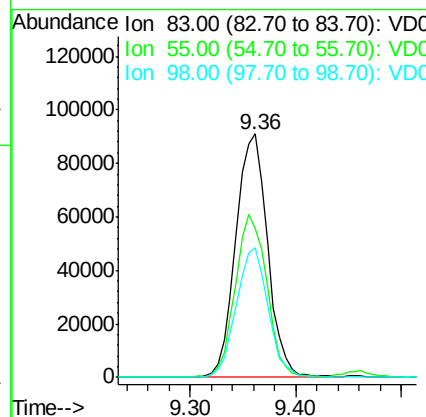
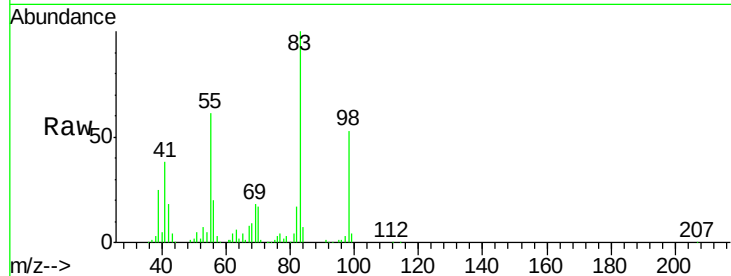
#39
Methylvlcyclohexane
Concen: 45.084 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	61.1	50.5	75.7
98	53.1	43.4	65.0

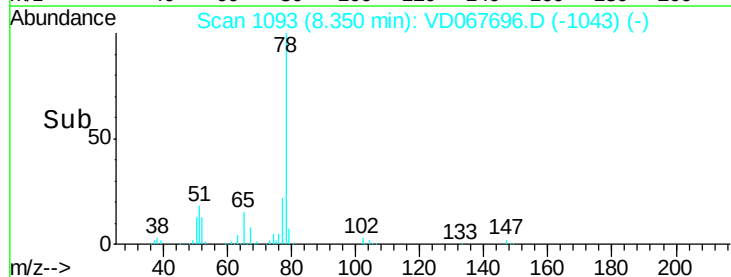
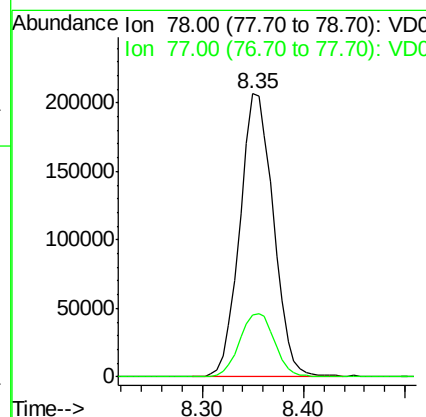
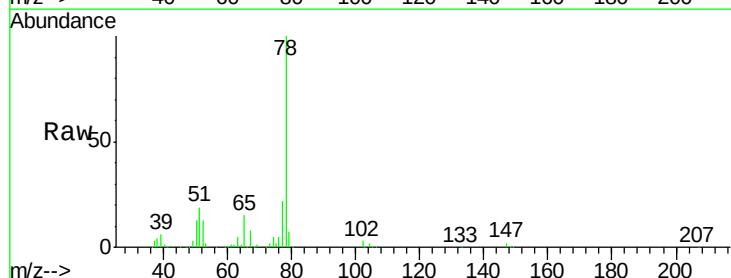
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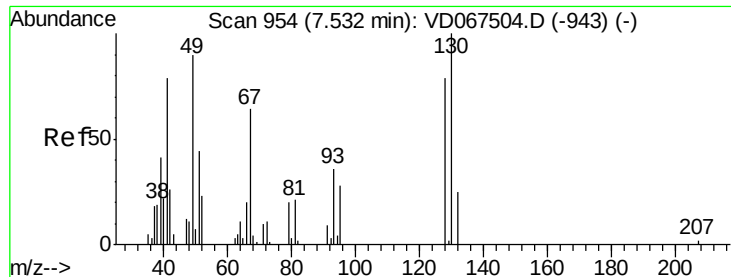
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#40
Benzene
Concen: 49.121 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.8	19.1	28.7





#41

Methacrylonitrile

Concen: 49.193 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 27322

Ion Ratio Lower Upper

41 100

39 0.0 51.3 76.9#

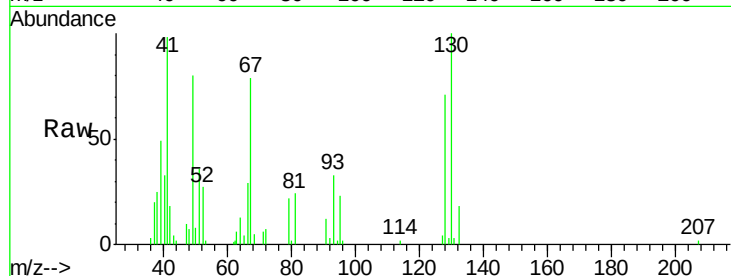
67 98.4 78.9 118.3

52 39.8 31.4 47.2

Manual Integrations
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MMDadoda

11/19/2020 11:07:08 AM

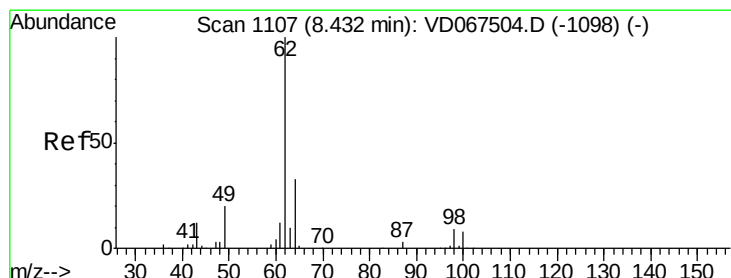
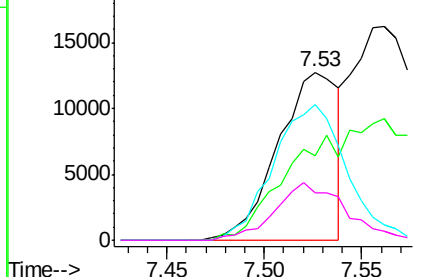
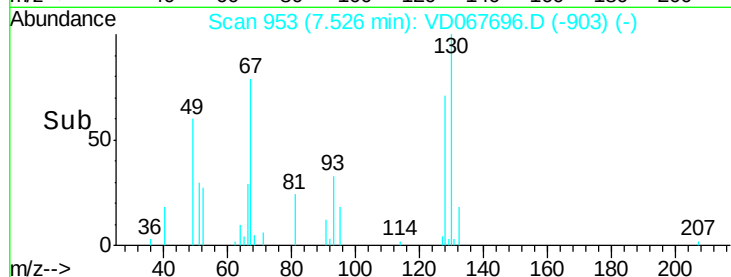


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 52.088 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VD067696.D

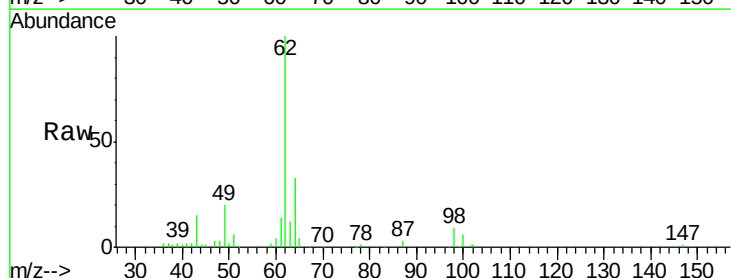
Acq: 18 Nov 2020 19:55

Tgt Ion: 62 Resp: 156021

Ion Ratio Lower Upper

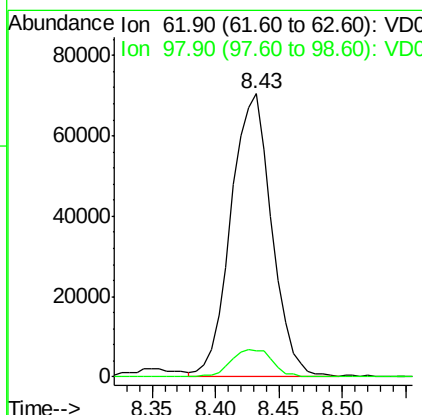
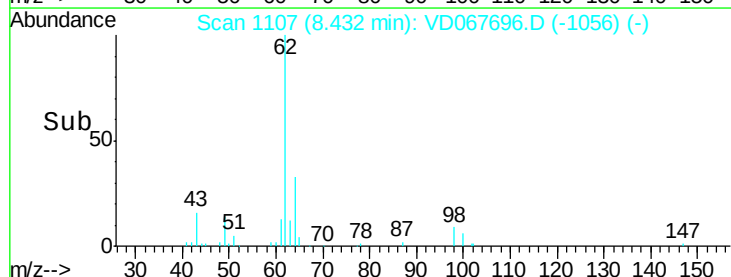
62 100

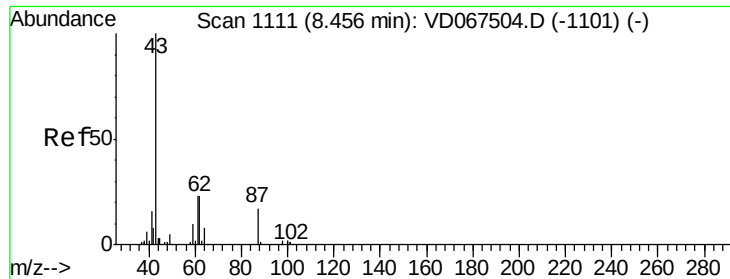
98 9.9 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 51.558 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

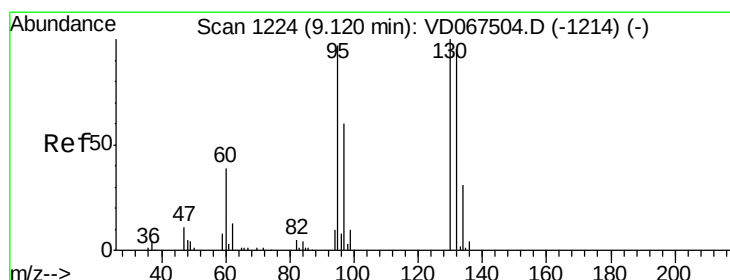
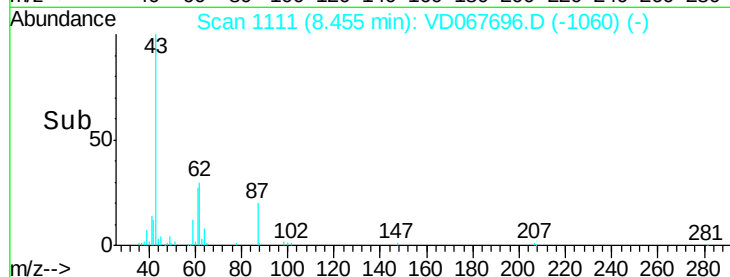
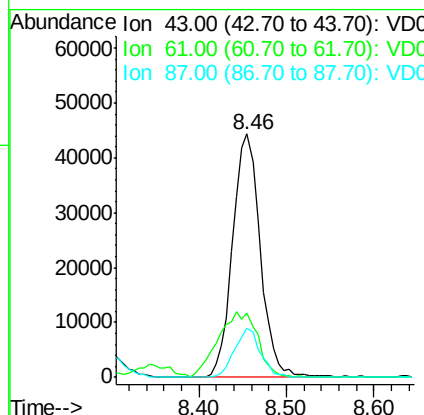
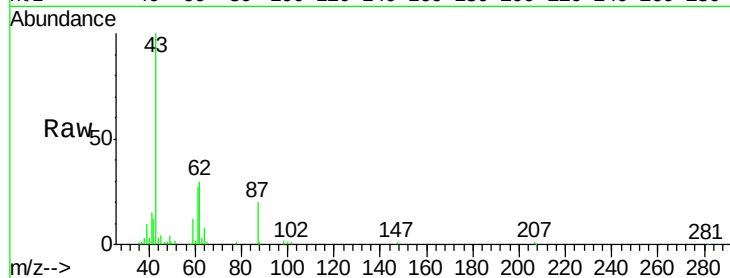
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	94744
Ion	Ratio	Lower	Upper
43	100		
61	38.8	30.5	45.7
87	18.5	14.7	22.1

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#44

Trichloroethene

Concen: 48.536 ug/l

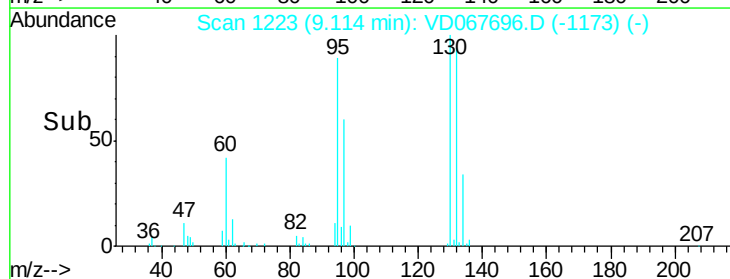
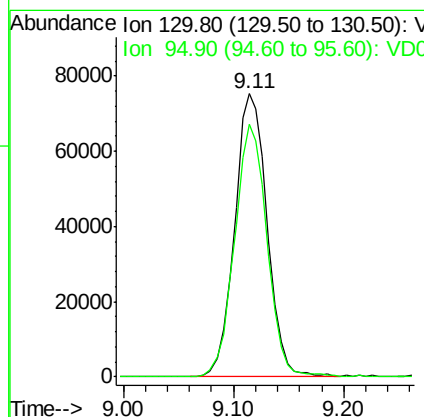
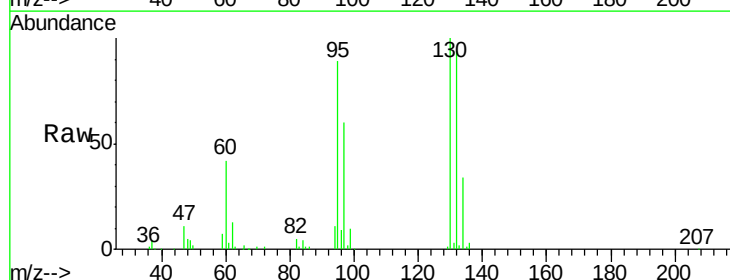
RT: 9.11 min Scan# 1223

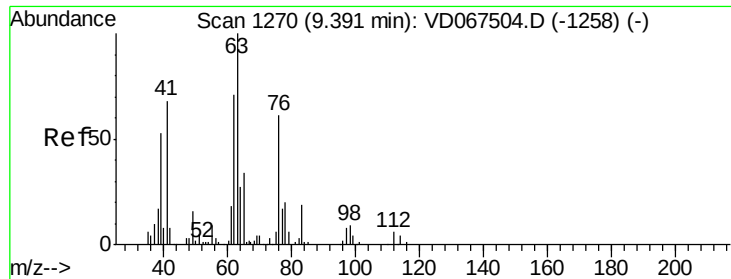
Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Tgt Ion:	130	Resp:	154715
Ion	Ratio	Lower	Upper
130	100		
95	89.4	0.0	194.4





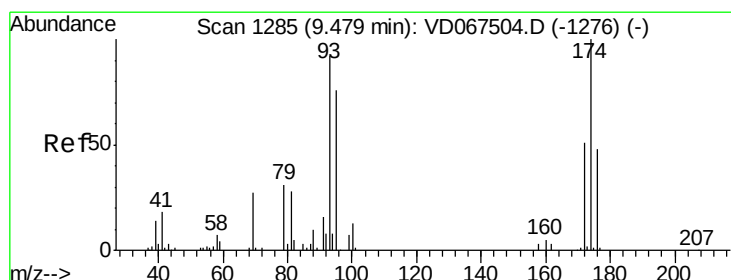
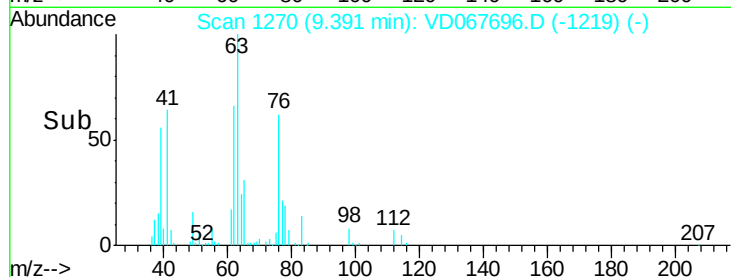
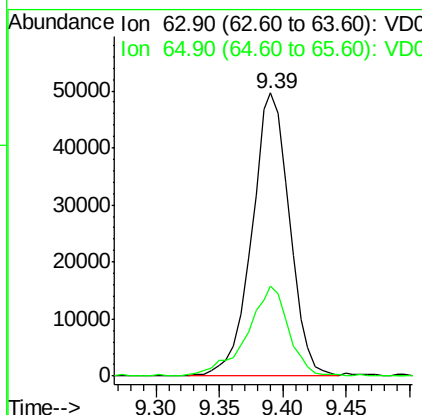
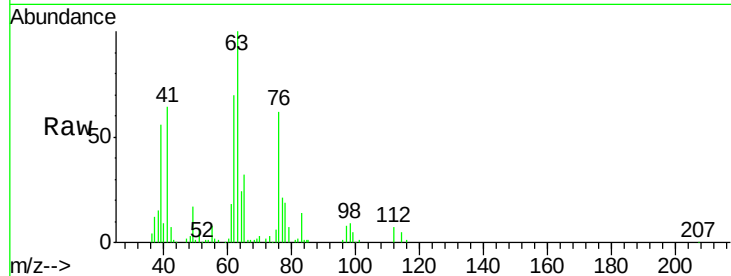
#45
 1,2-Dichloropropane
 Concen: 48.932 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	26.9	40.3

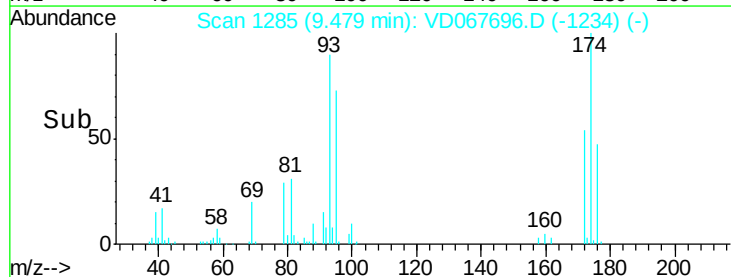
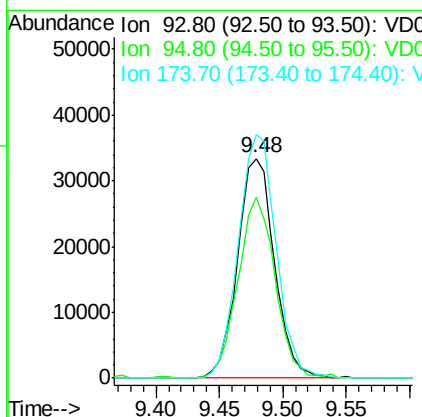
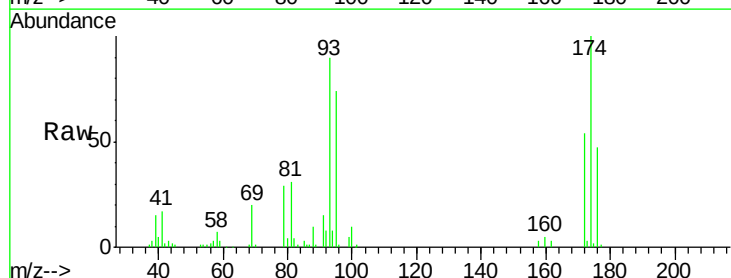
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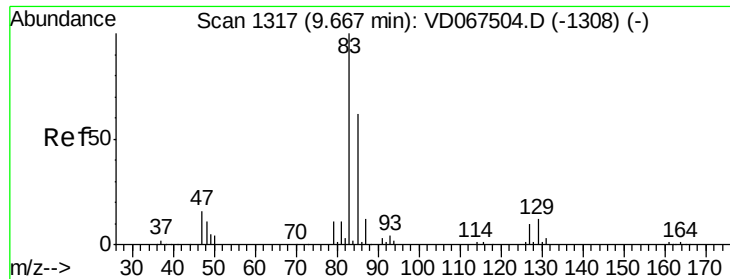
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#46
 Dibromomethane
 Concen: 50.740 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.4	99.6
174	113.4	88.2	132.4





#47

Bromodichloromethane

Concen: 51.890 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

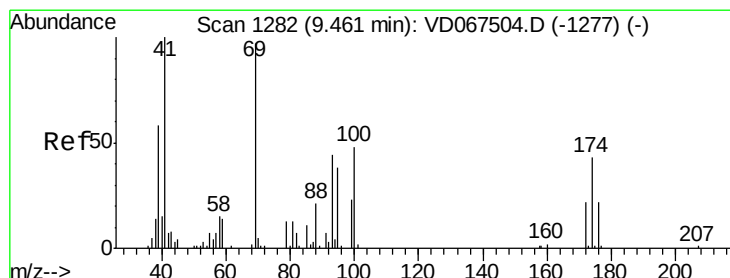
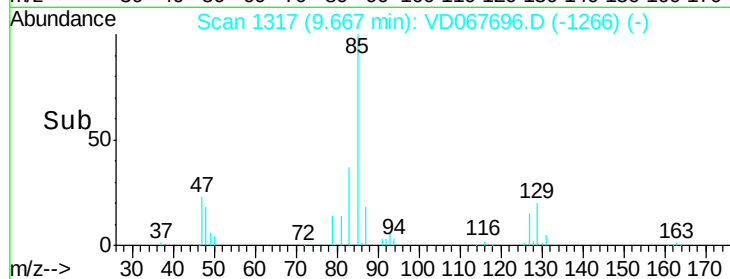
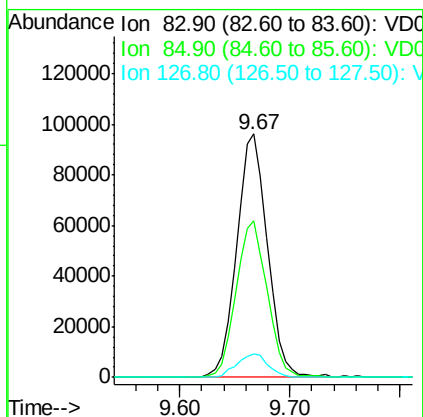
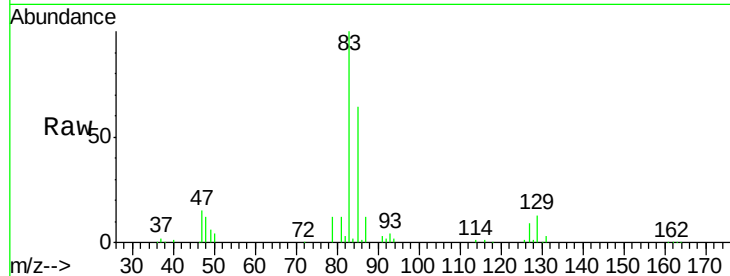
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	187964
Ion	Ratio	Lower	Upper
83	100		
85	64.2	49.4	74.2
127	9.5	7.7	11.5

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#48

Methyl methacrylate

Concen: 47.160 ug/l

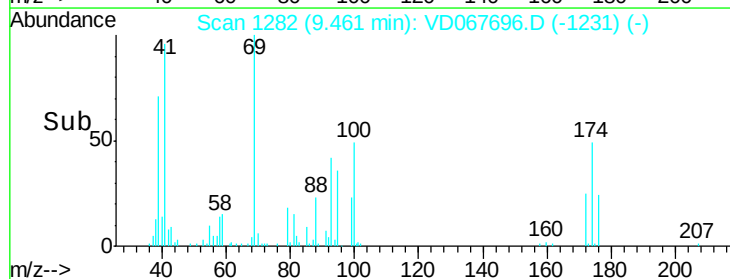
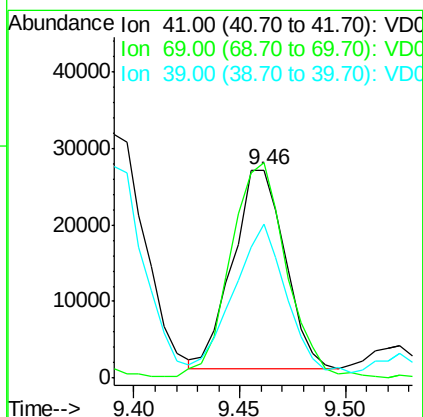
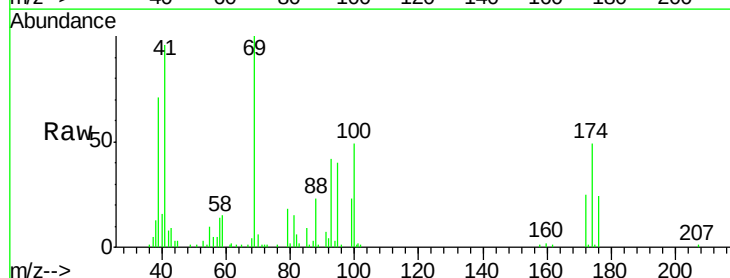
RT: 9.46 min Scan# 1282

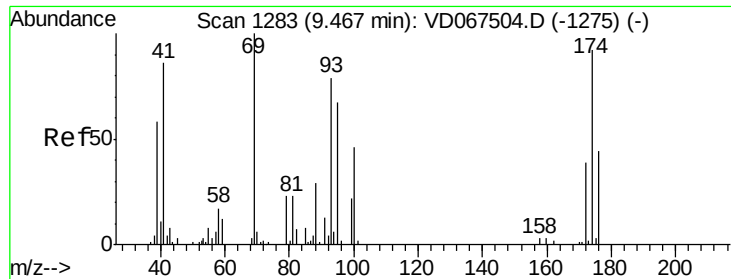
Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Tgt Ion:	41	Resp:	44745
Ion	Ratio	Lower	Upper
41	100		
69	116.6	80.6	121.0
39	81.8	50.2	75.4#





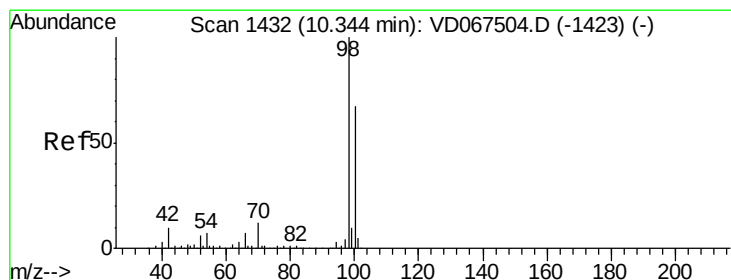
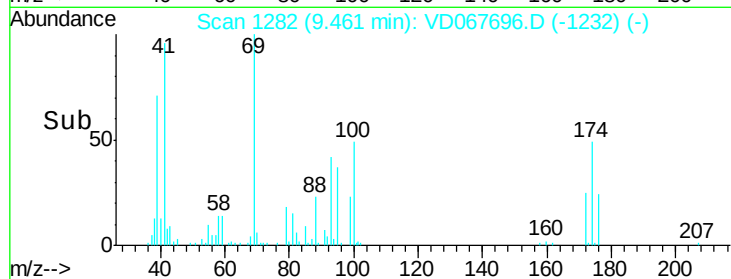
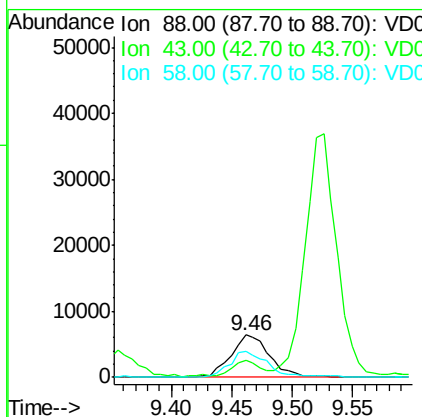
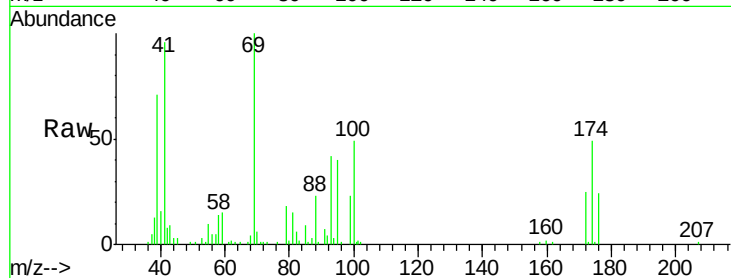
#49
1,4-Dioxane
Concen: 1056.588 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	23.6	35.4
58	61.3	44.7	67.1

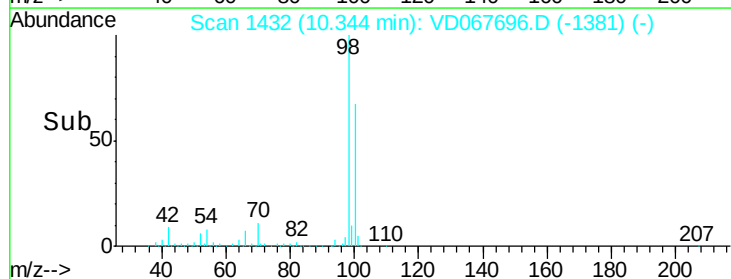
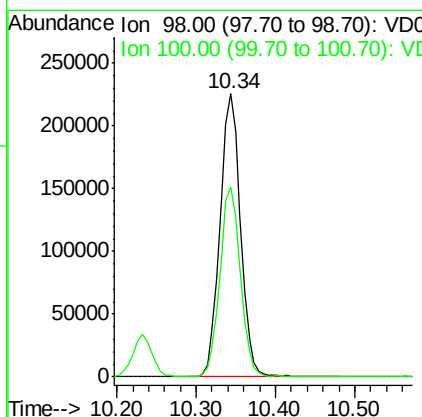
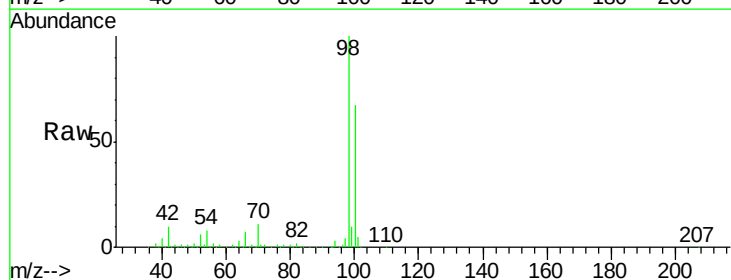
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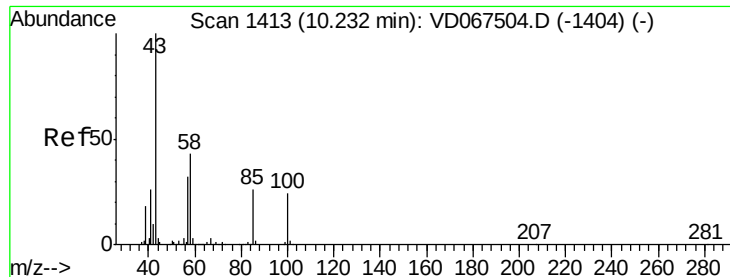
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#50
Toluene-d8
Concen: 45.811 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 273.094 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 240007

Ion Ratio Lower Upper

43 100

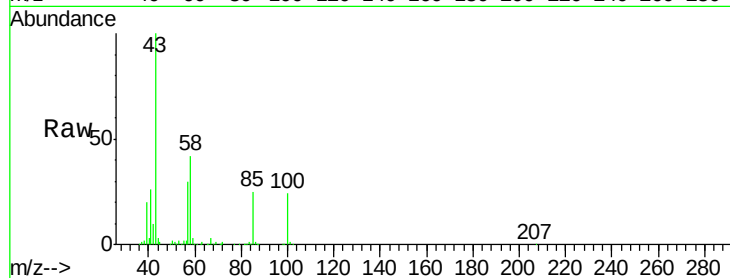
58 43.1 35.6 53.4

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

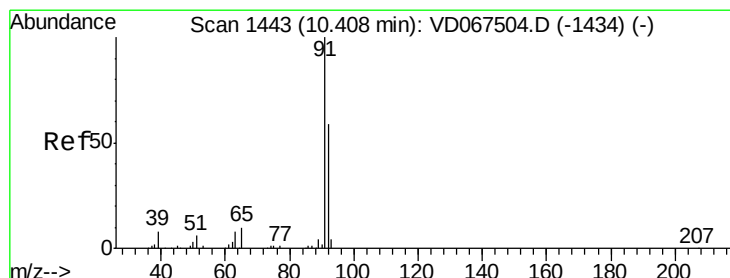
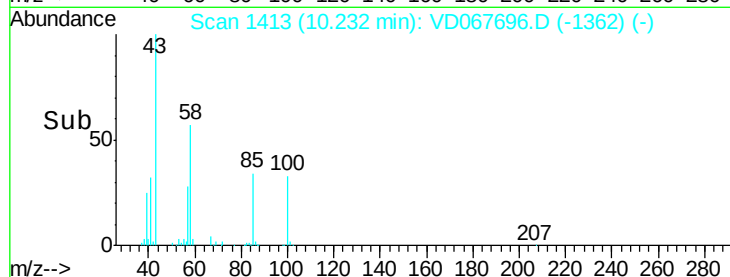
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 50.050 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067696.D

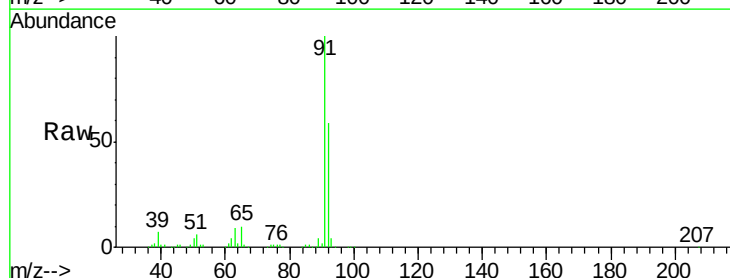
Acq: 18 Nov 2020 19:55

Tgt Ion: 92 Resp: 324997

Ion Ratio Lower Upper

92 100

91 172.9 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.41

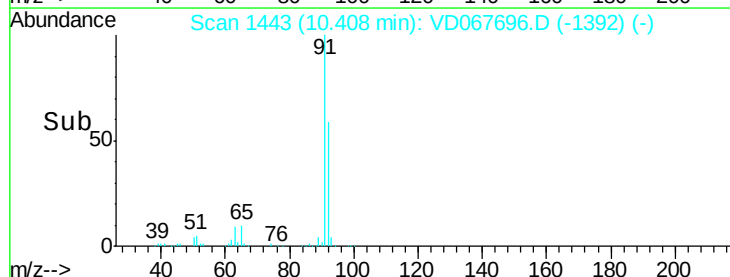
300000

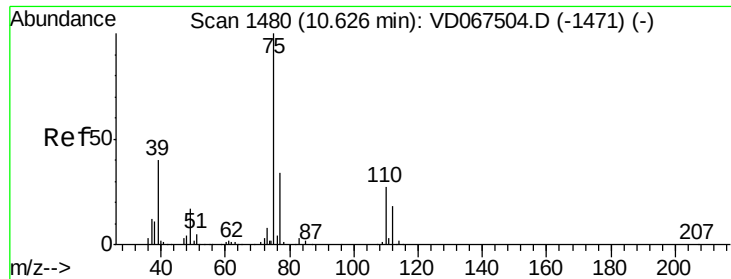
200000

100000

0

Time-->





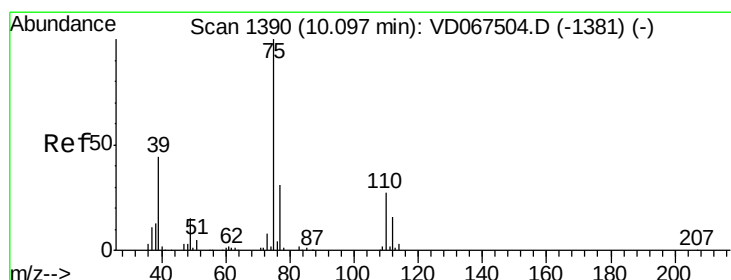
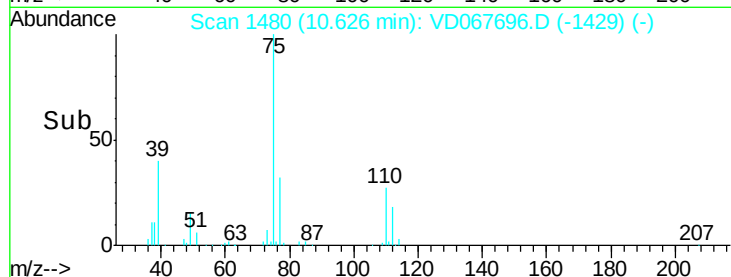
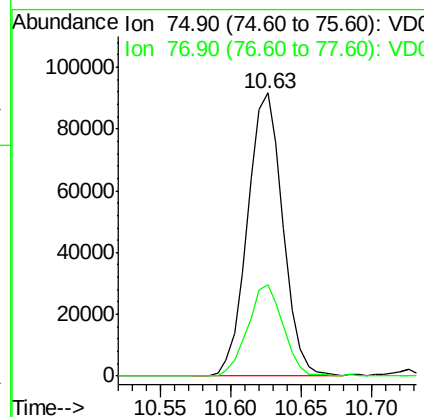
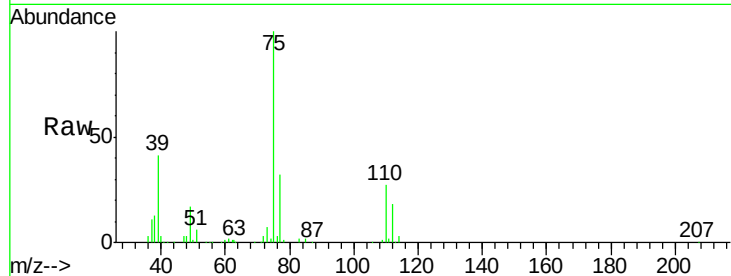
#53
t-1,3-Dichloropropene
Concen: 51.841 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 160830
Ion Ratio Lower Upper
75 100
77 32.3 27.0 40.6

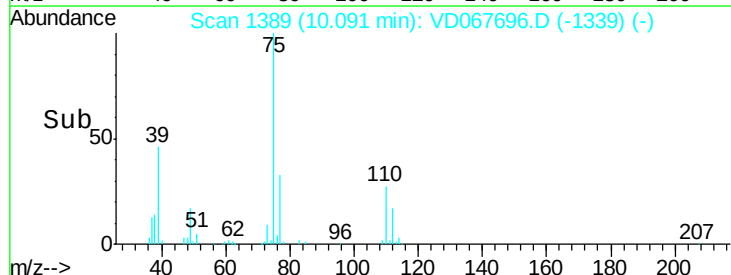
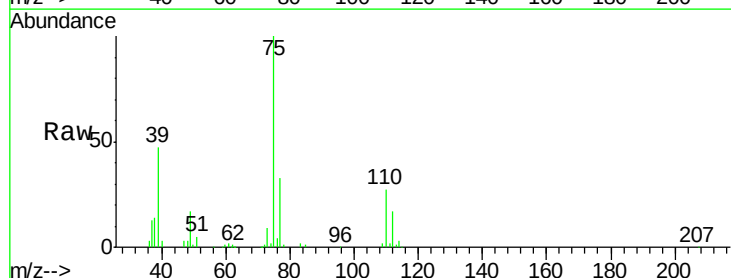
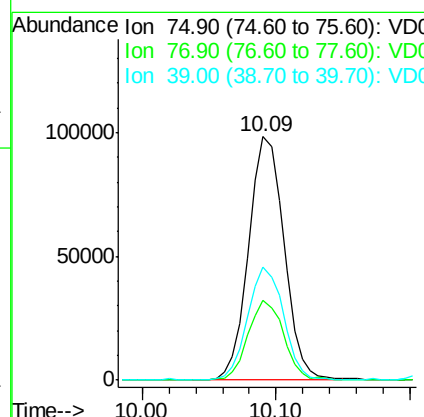
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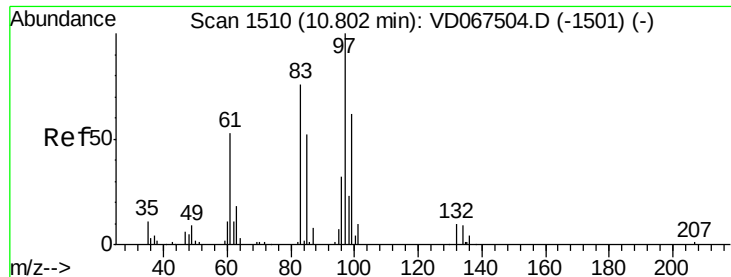
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#54
cis-1,3-Dichloropropene
Concen: 49.048 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion: 75 Resp: 180791
Ion Ratio Lower Upper
75 100
77 32.5 24.4 36.6
39 46.3 35.6 53.4





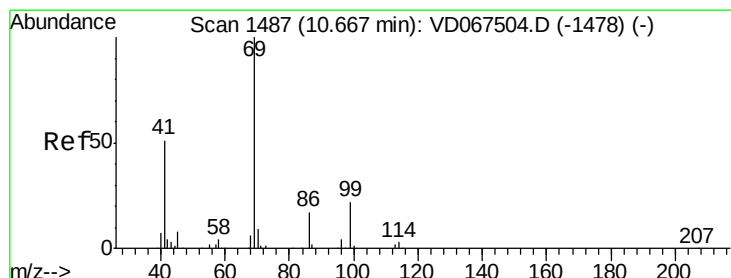
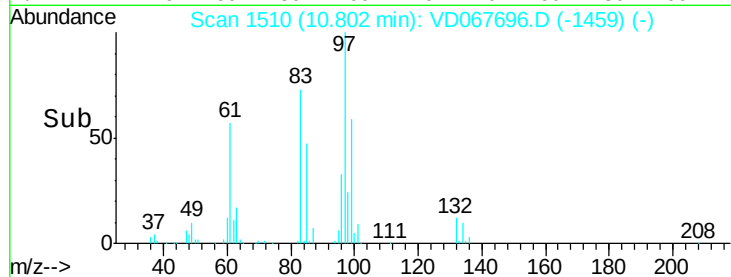
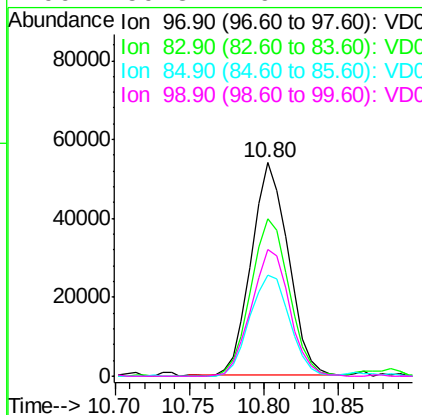
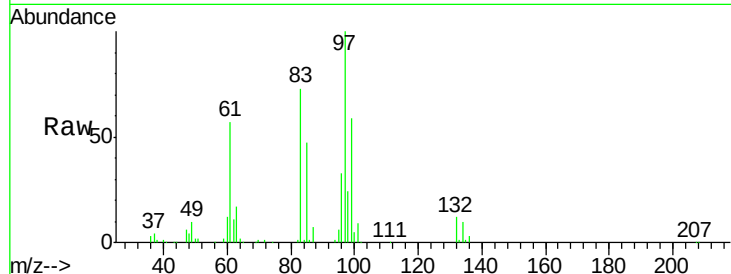
#55
 1,1,2-Trichloroethane
 Concen: 52.564 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	92689
Ion	Ratio	Lower	Upper
97	100		
83	73.7	61.0	91.6
85	47.4	41.5	62.3
99	59.3	49.4	74.2

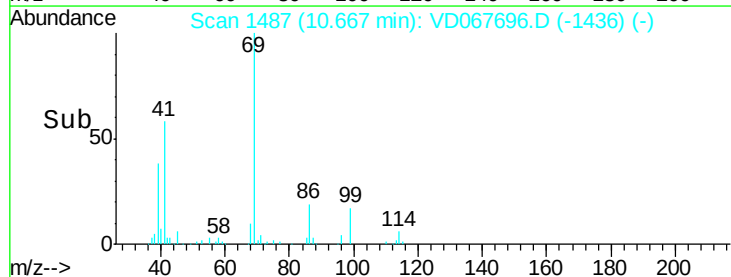
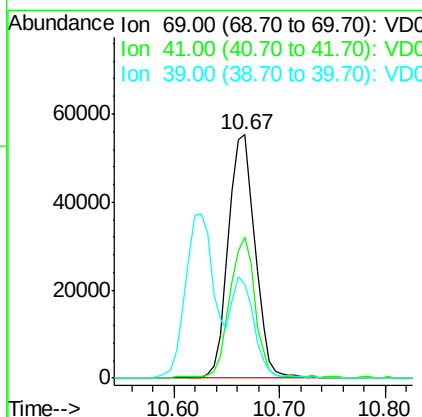
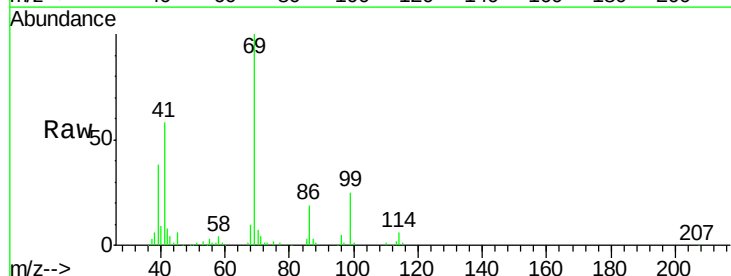
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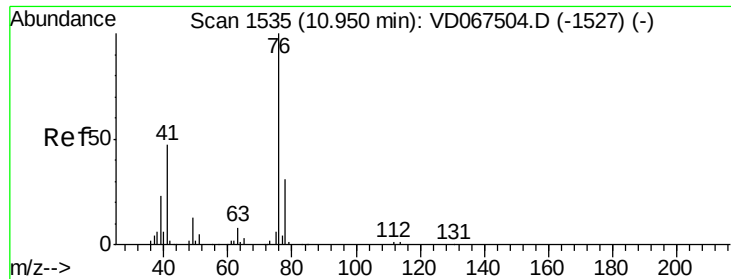
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#56
 Ethyl methacrylate
 Concen: 53.121 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Tgt Ion	69	Resp	96730
Ion	Ratio	Lower	Upper
69	100		
41	53.3	45.4	68.0
39	34.1	27.4	41.0





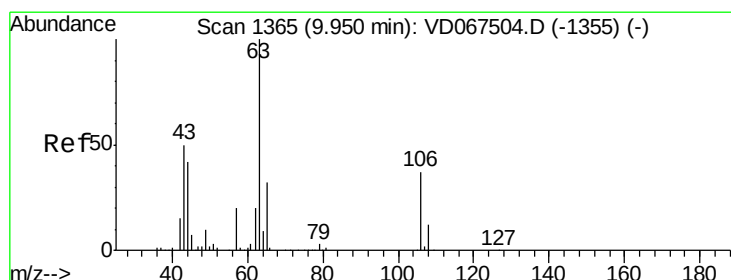
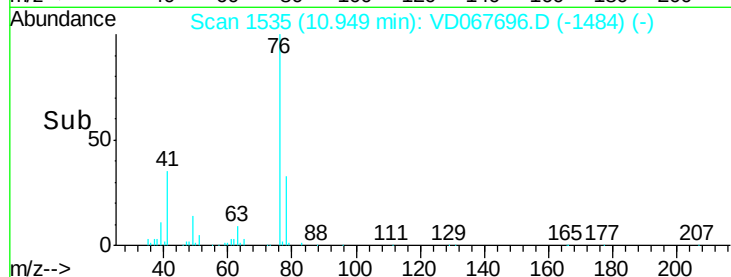
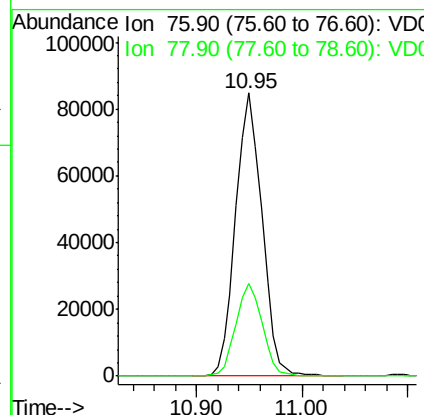
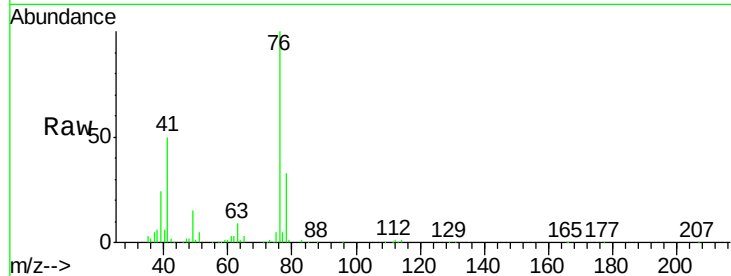
#57
 1,3-Dichloropropane
 Concen: 51.727 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 146778
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1

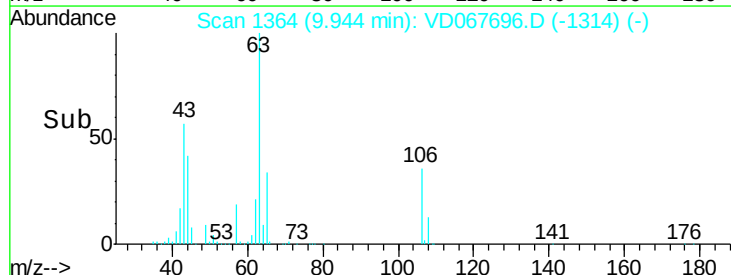
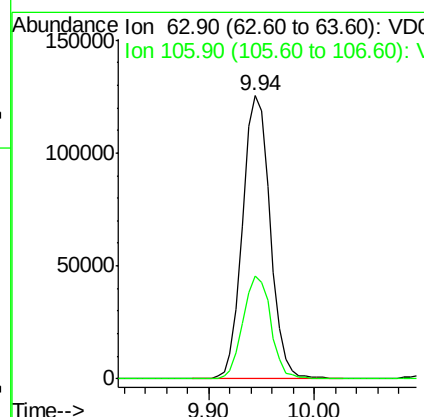
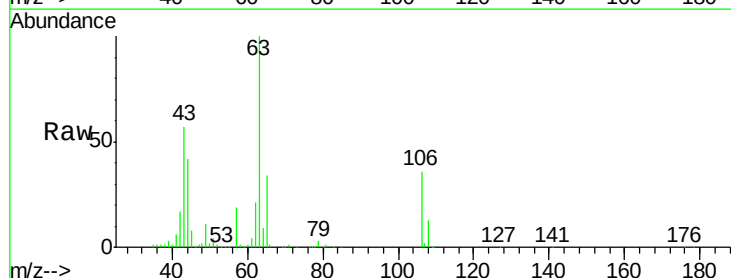
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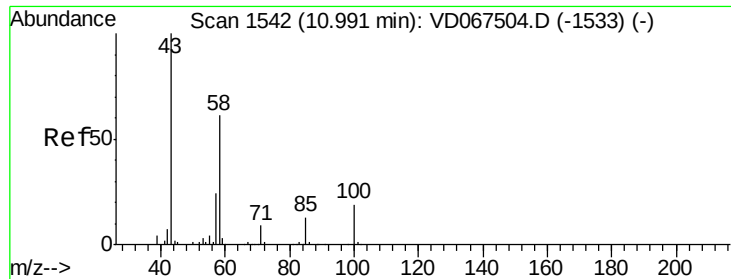
MMDadoda
 11/19/2020 11:07:08 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.249 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Tgt Ion: 63 Resp: 226939
 Ion Ratio Lower Upper
 63 100
 106 36.6 29.2 43.8





#59

2-Hexanone

Concen: 264.119 ug/l

RT: 10.99 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 162298

Ion Ratio Lower Upper

43 100

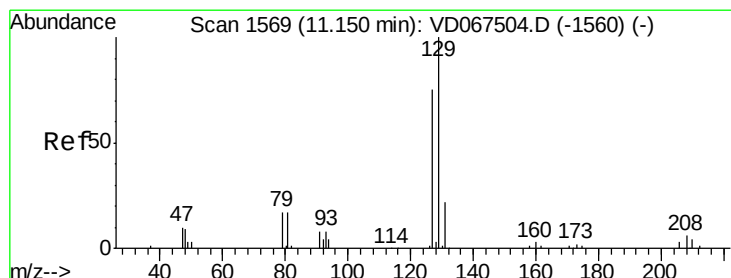
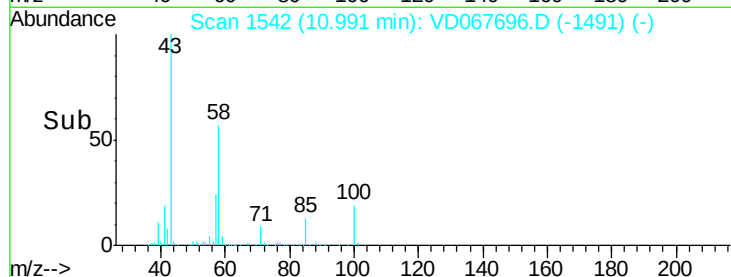
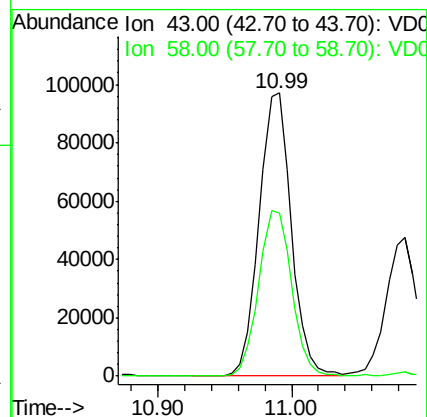
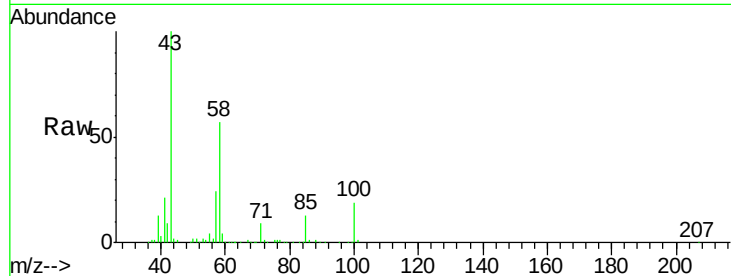
58 60.0 30.3 90.9

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#60

Dibromochloromethane

Concen: 52.843 ug/l

RT: 11.14 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VD067696.D

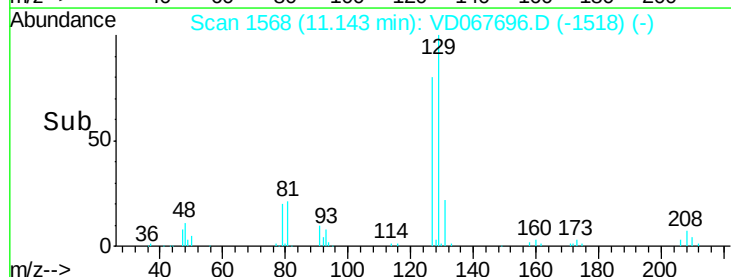
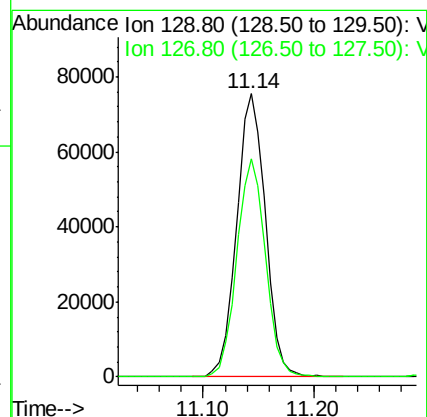
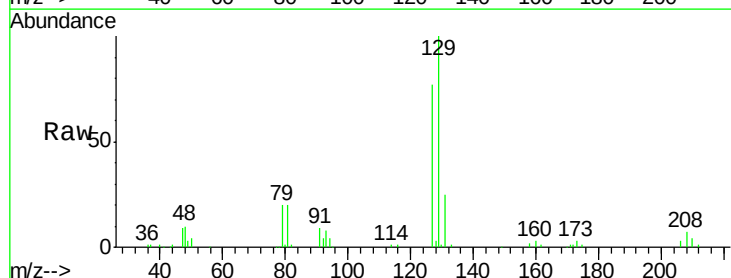
Acq: 18 Nov 2020 19:55

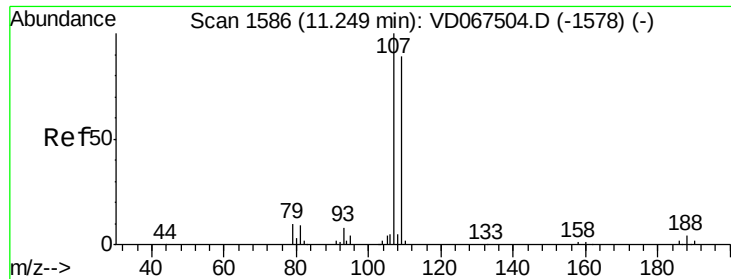
Tgt Ion: 129 Resp: 137839

Ion Ratio Lower Upper

129 100

127 77.1 38.0 114.1





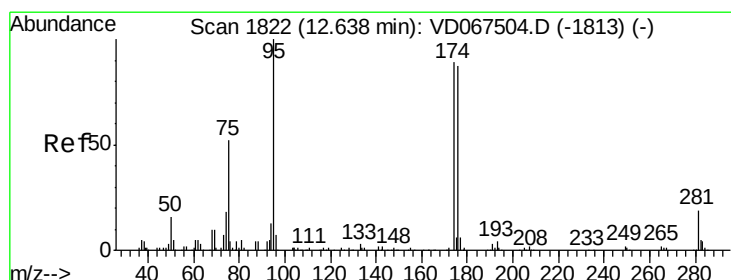
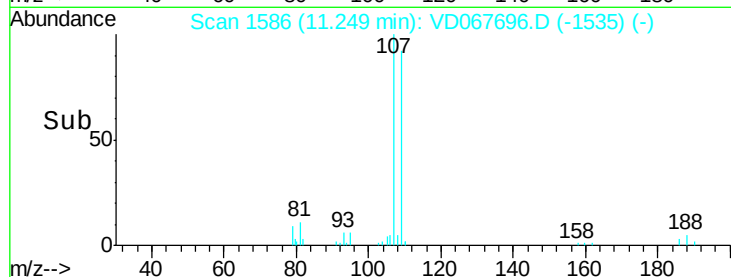
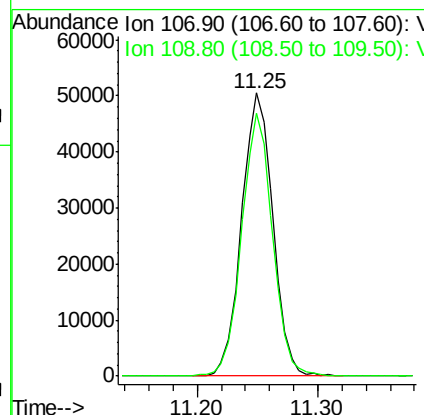
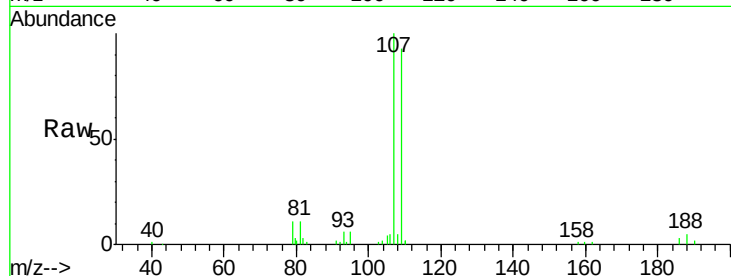
#61
 1,2-Dibromoethane
 Concen: 51.454 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.3	74.6	111.8

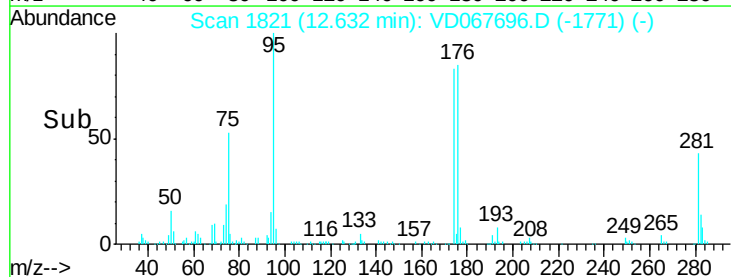
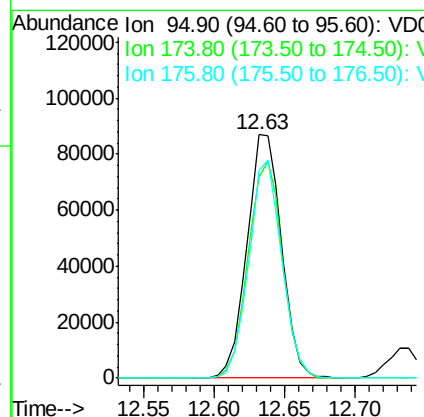
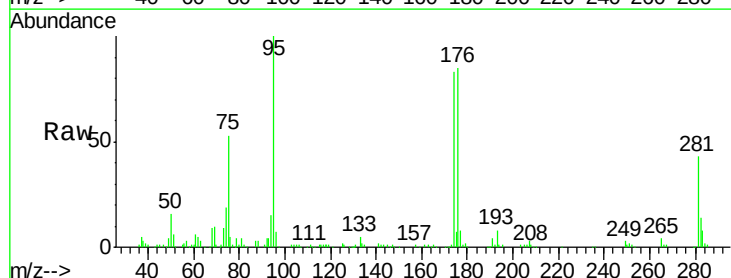
Manual Integrations
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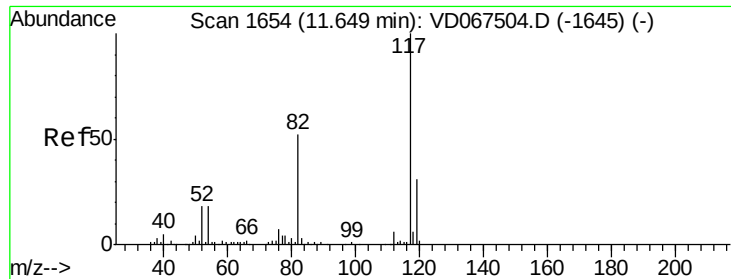
MMDadoda
 11/19/2020 11:07:08 AM



#62
 4-Bromofluorobenzene
 Concen: 48.887 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	177.8
176	85.6	0.0	172.0





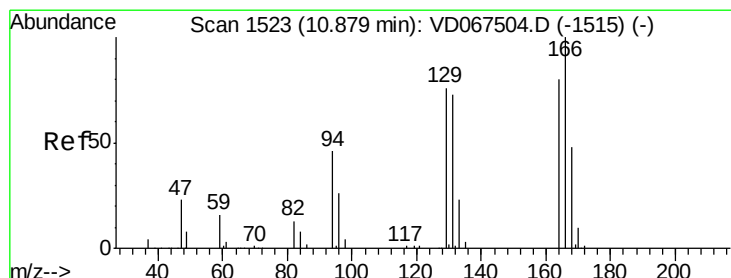
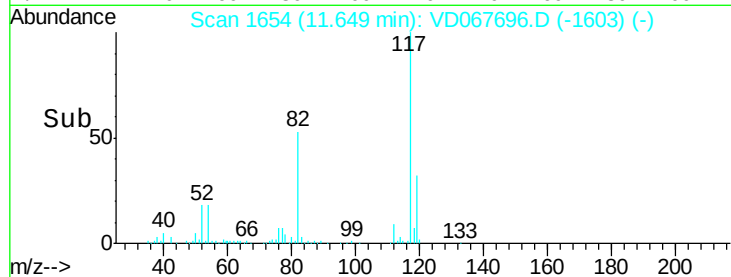
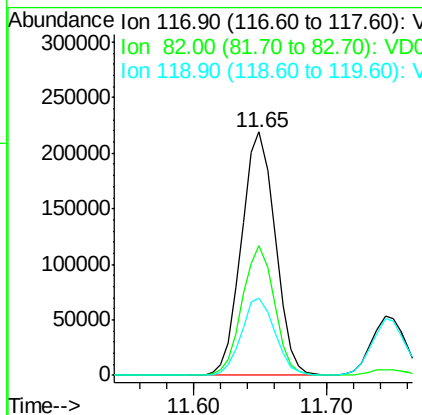
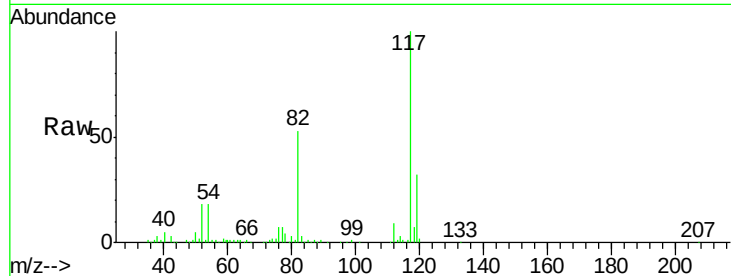
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	383555		
82	53.4		41.6	62.4
119	31.7		25.1	37.7

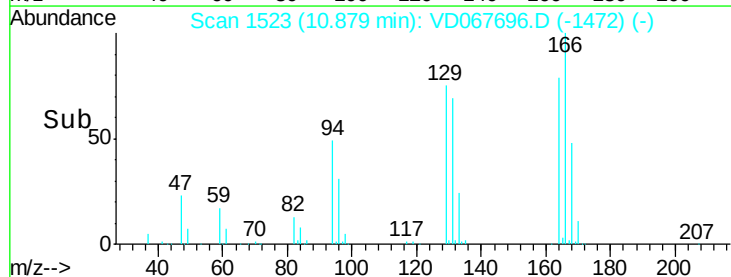
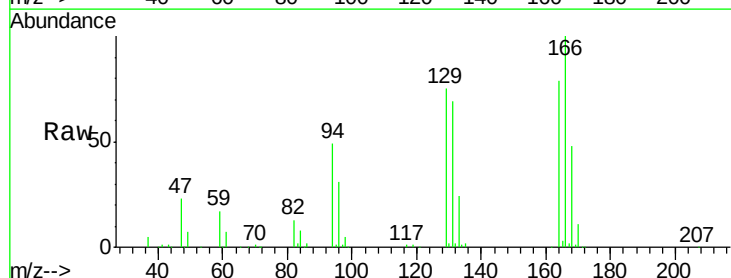
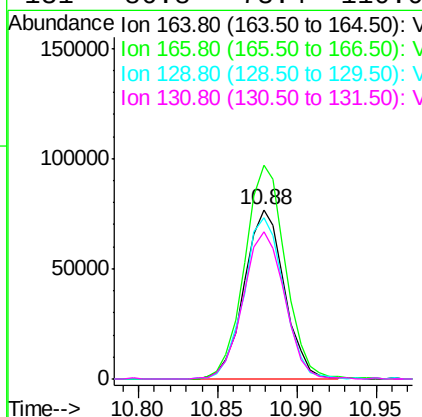
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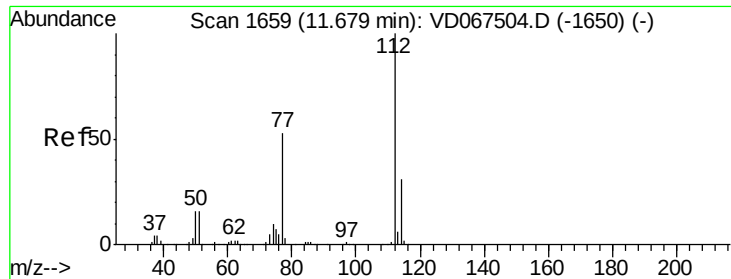
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#64
Tetrachloroethene
Concen: 47.570 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	135127		
166	126.3		99.9	149.9
129	95.2		75.5	113.3
131	86.8		73.4	110.0





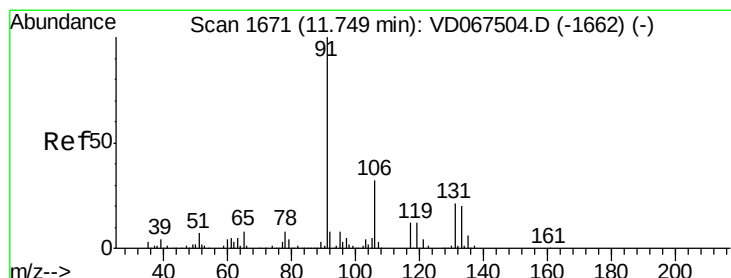
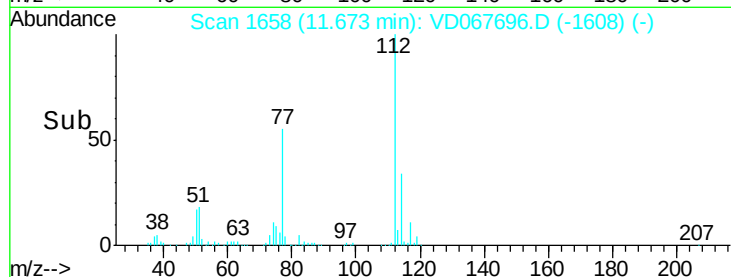
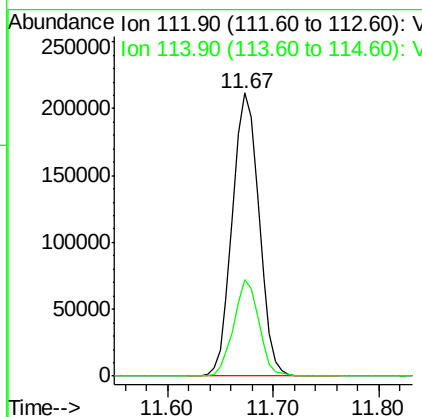
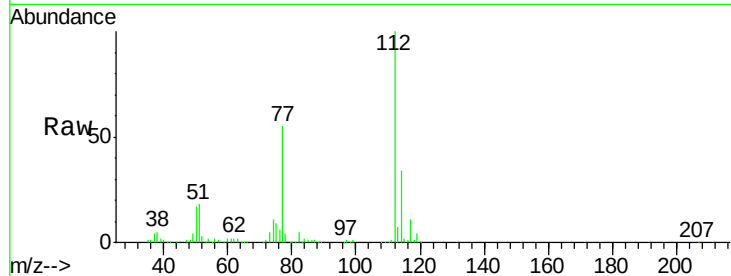
#65
Chlorobenzene
Concen: 50.036 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	34.2	24.9	37.3

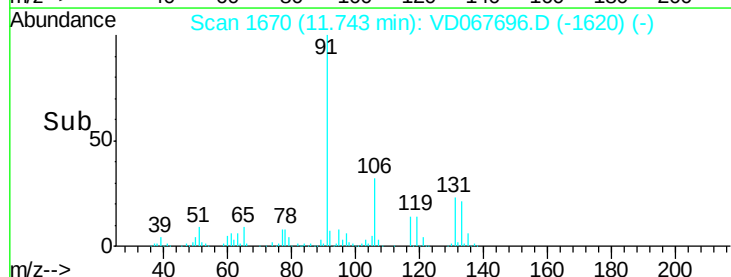
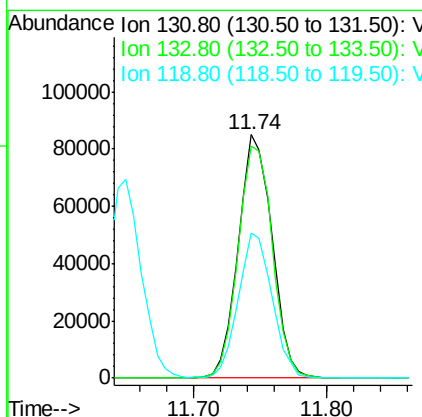
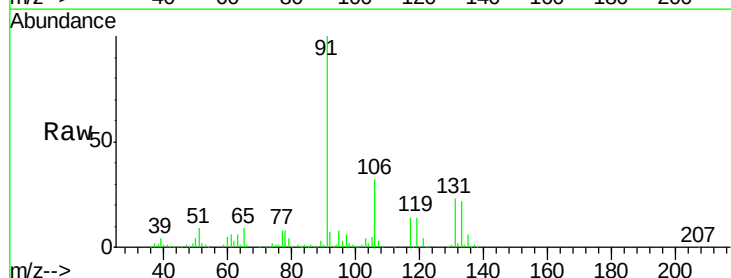
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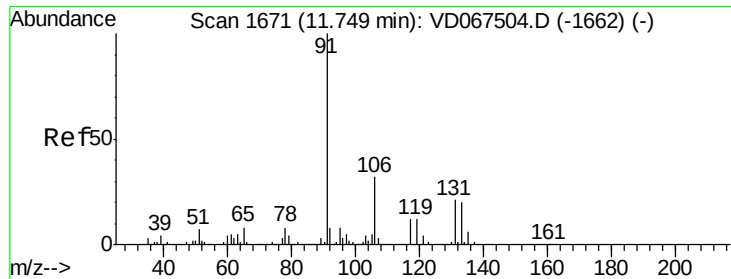
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.351 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	48.0	144.0
119	59.7	30.1	90.5





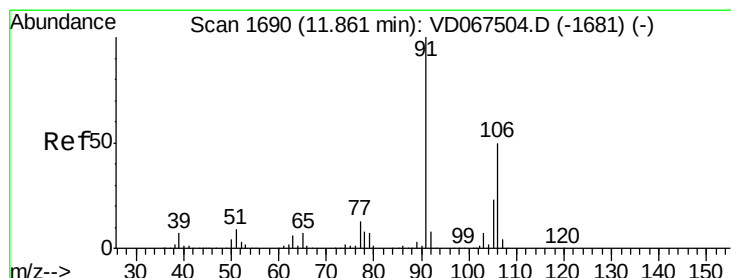
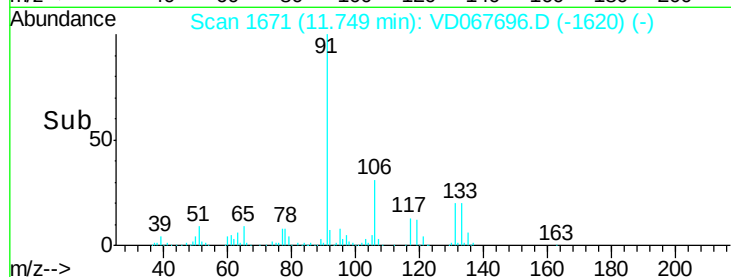
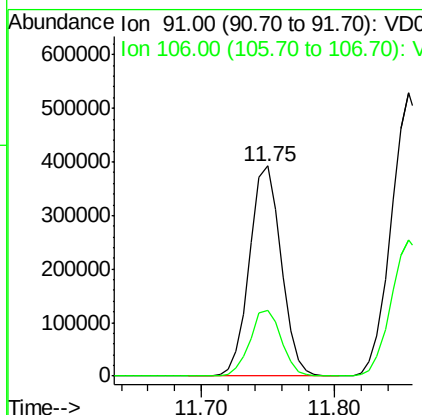
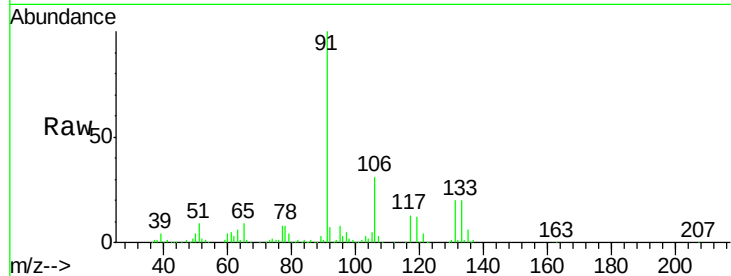
#67
Ethyl Benzene
Concen: 50.868 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 643120
Ion Ratio Lower Upper
91 100
106 31.1 25.7 38.5

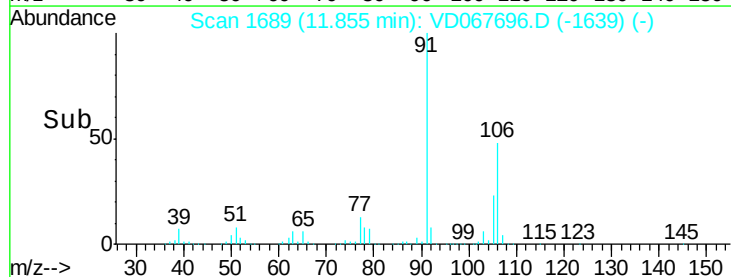
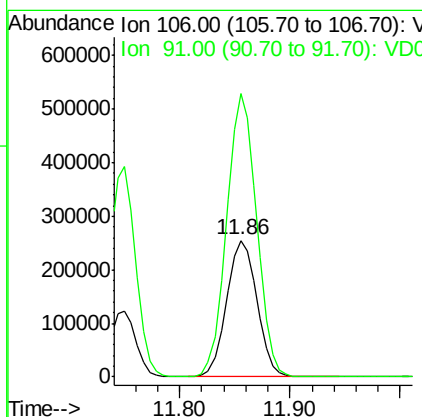
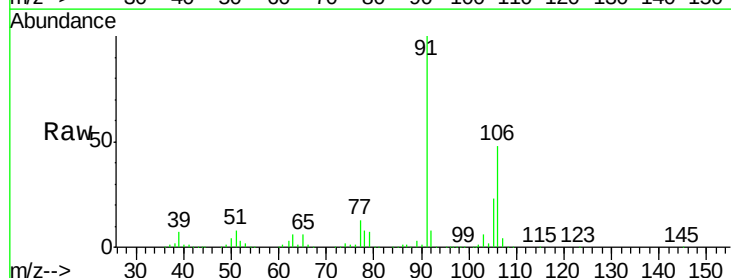
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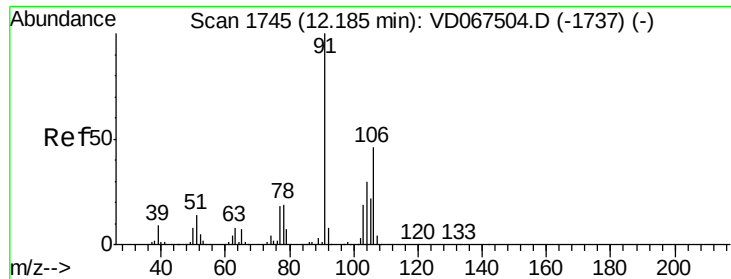
MMDadoda
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#68
m/p-Xylenes
Concen: 99.531 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion: 106 Resp: 489558
Ion Ratio Lower Upper
106 100
91 205.2 162.6 244.0





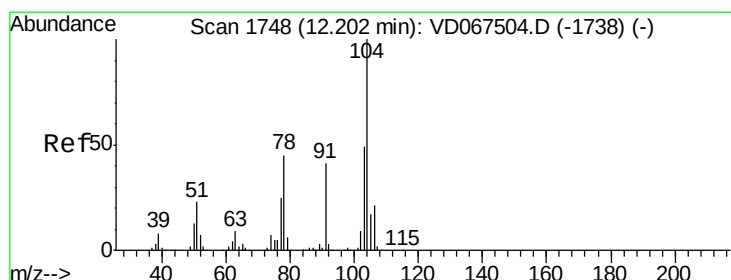
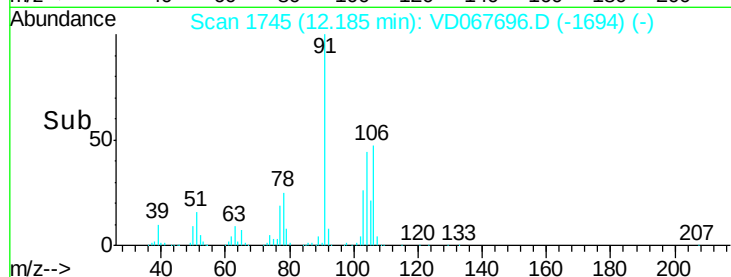
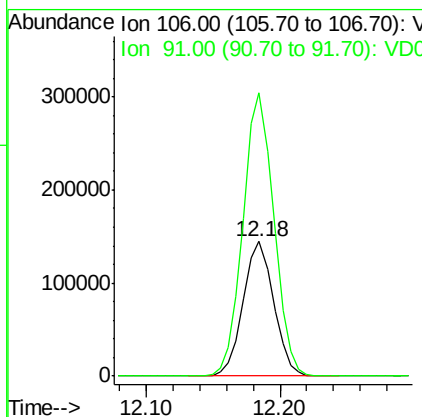
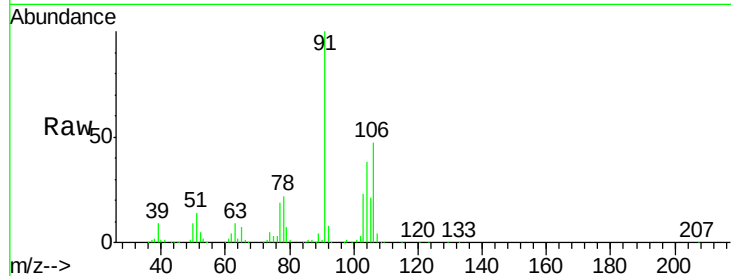
#69
o-Xylene
Concen: 52.122 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		228894		
91	212.0	107.1	321.1		

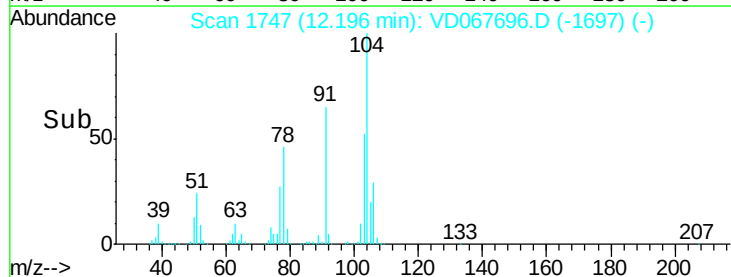
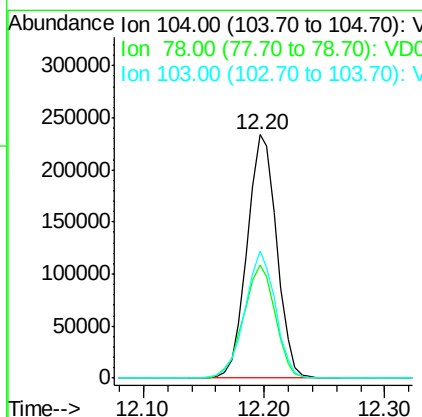
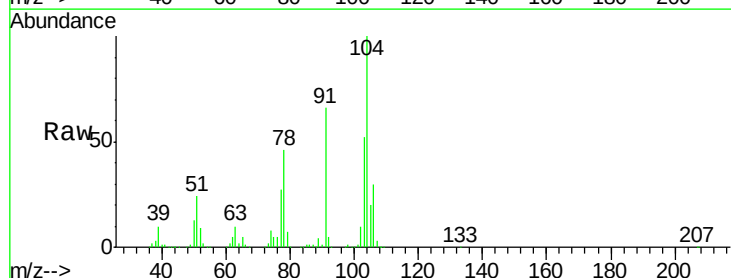
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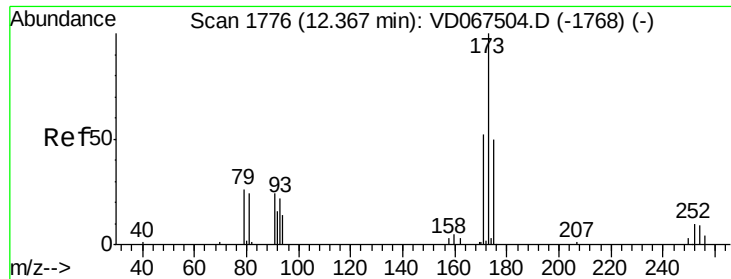
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#70
Styrene
Concen: 52.278 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		400044		
78	50.0	39.8	59.8		
103	53.8	43.9	65.9		





#71

Bromoform

Concen: 52.164 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 77470

Ion Ratio Lower Upper

173 100

175 50.1 24.1 72.2

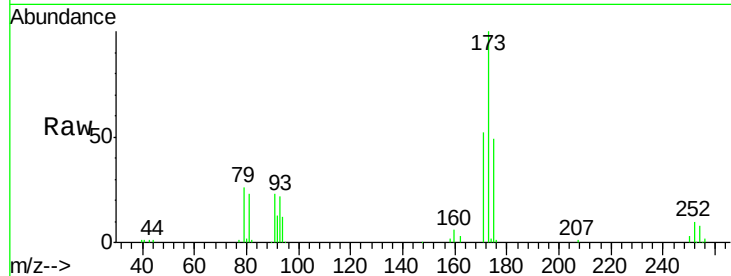
254 0.1 0.0 0.0#

Manual Integrations

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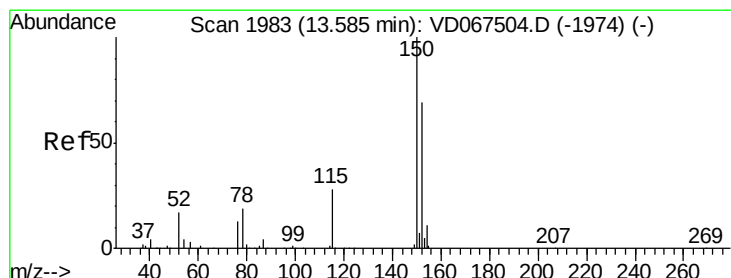
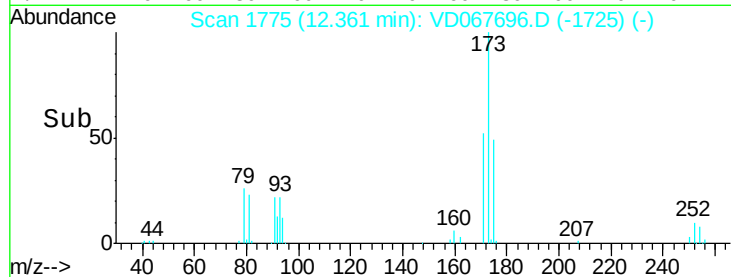
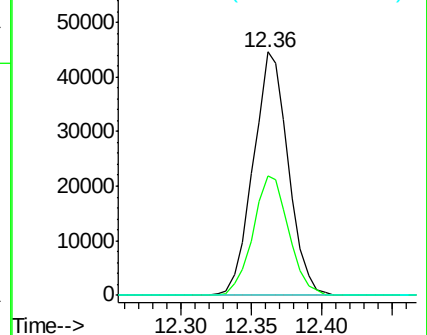
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VD067696.D

Acq: 18 Nov 2020 19:55

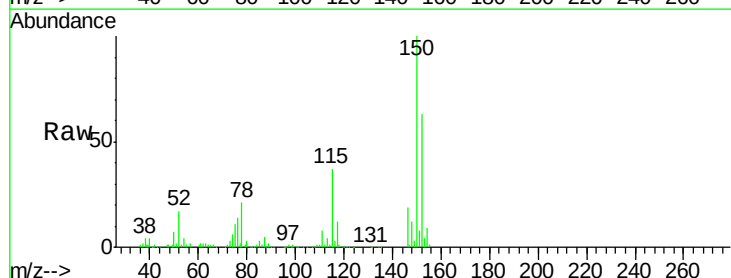
Tgt Ion:152 Resp: 190877

Ion Ratio Lower Upper

152 100

115 60.5 29.3 88.0

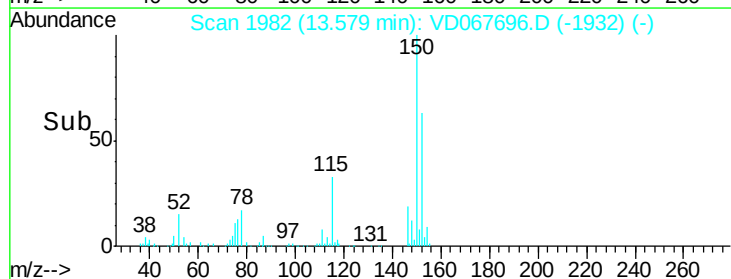
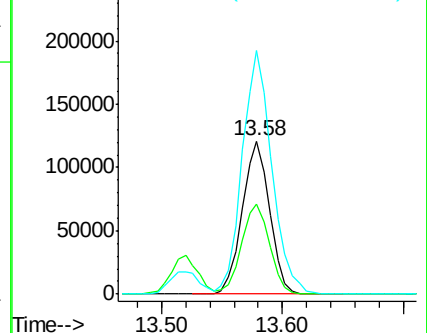
150 172.2 0.0 338.2

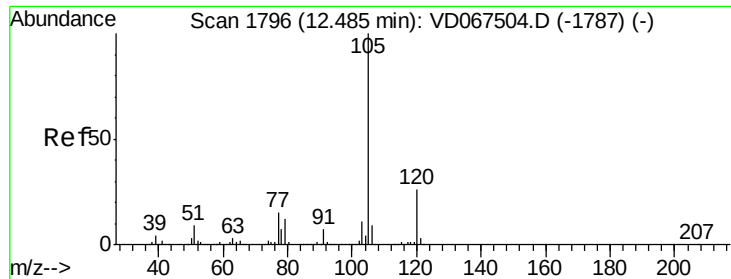


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





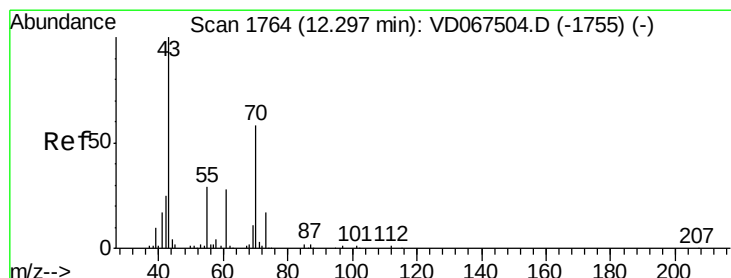
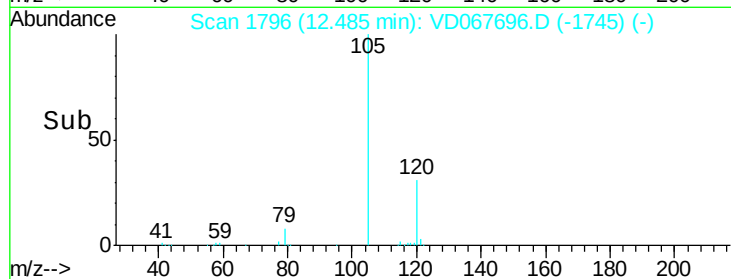
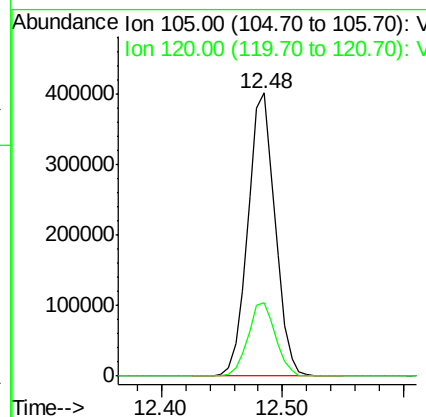
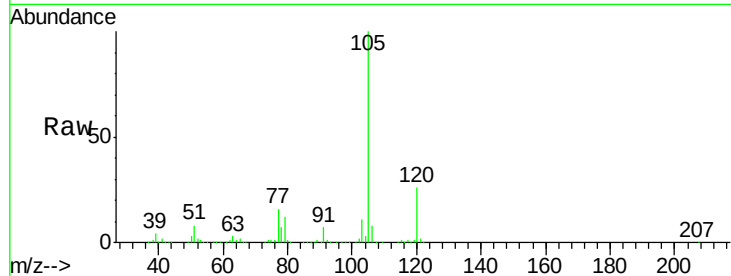
#73
Isopropylbenzene
Concen: 51.185 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.2	39.6

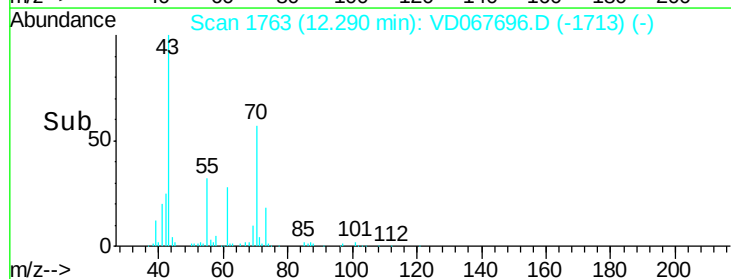
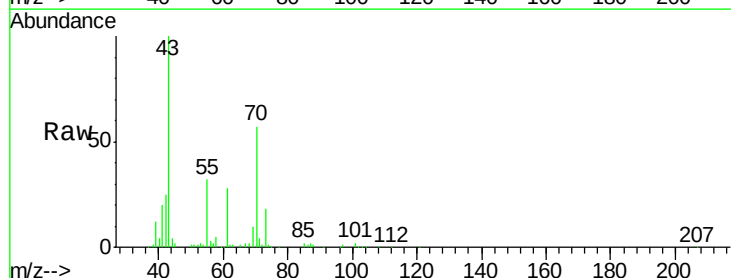
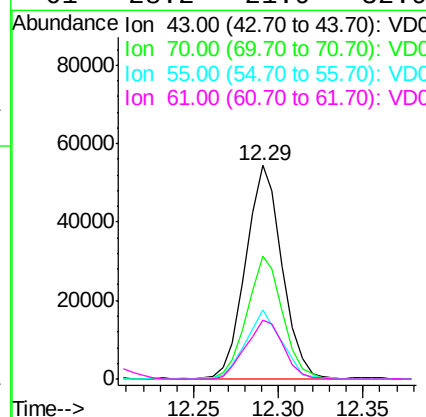
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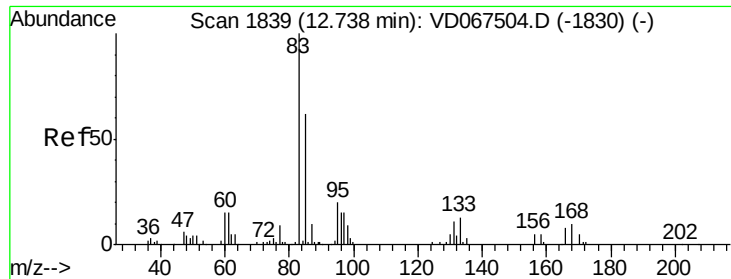
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#74
N-ethyl acetate
Concen: 50.422 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
43	100		
70	56.2	42.6	64.0
55	31.6	23.7	35.5
61	28.2	21.9	32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.189 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

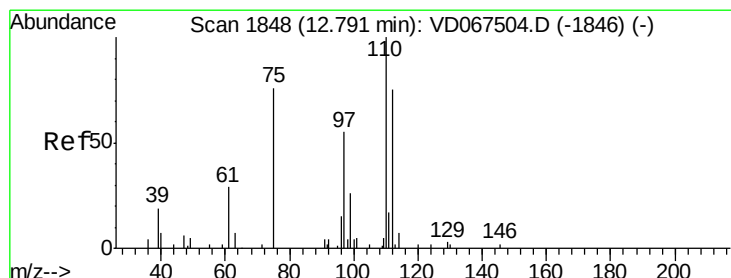
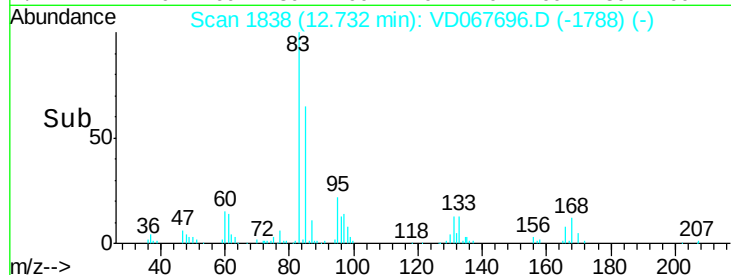
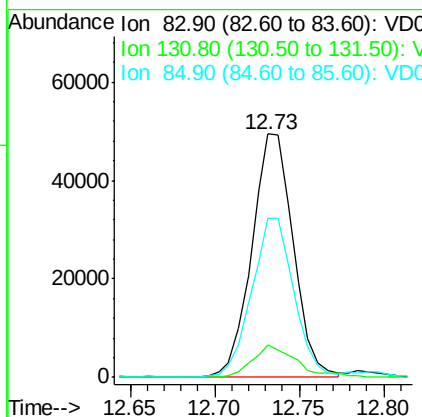
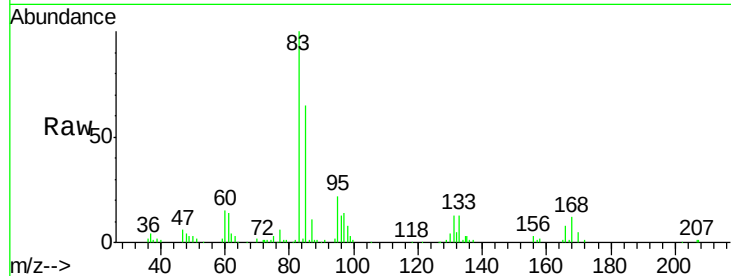
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	84426
Ion Ratio	Lower	Upper	
83	100		
131	14.2	7.1	21.3
85	66.7	32.9	98.7

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#76

1,2,3-Trichloropropane

Concen: 44.032 ug/l m

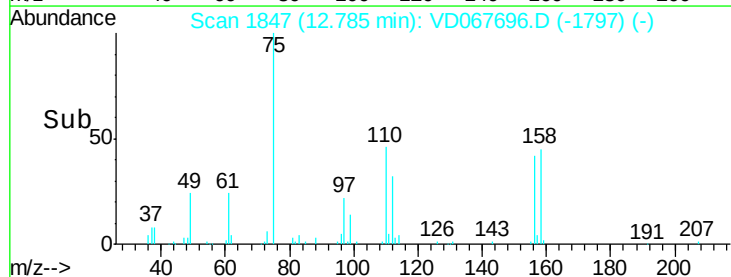
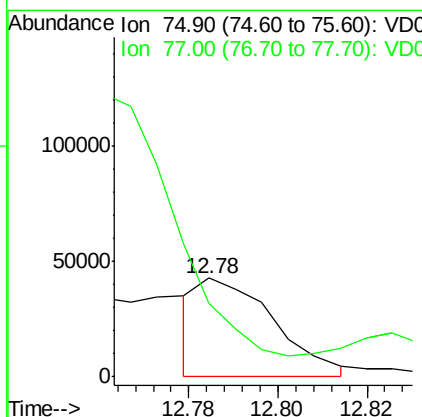
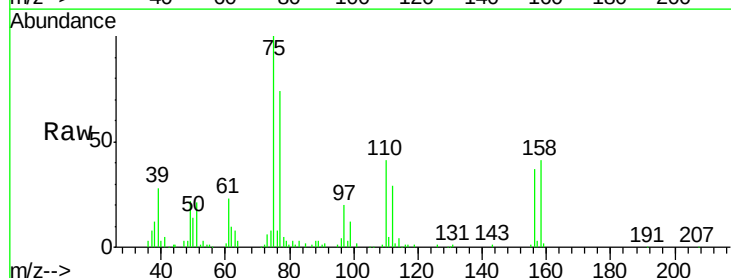
RT: 12.78 min Scan# 1847

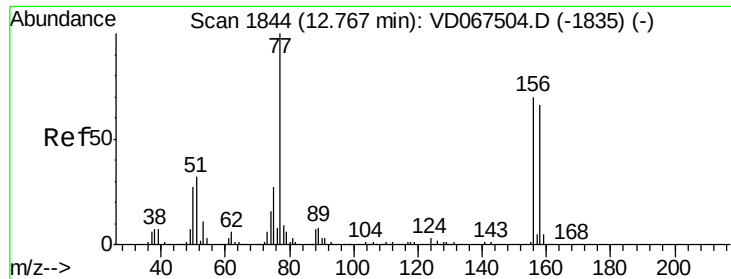
Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Tgt Ion:	75	Resp:	50702
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.743 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

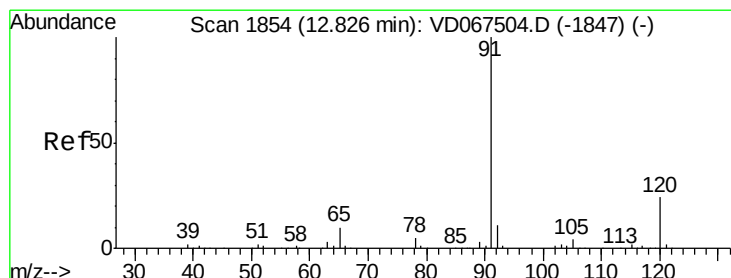
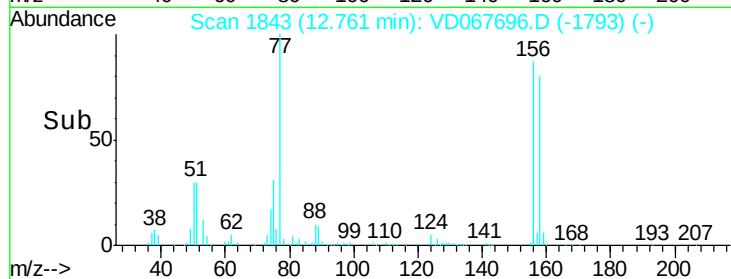
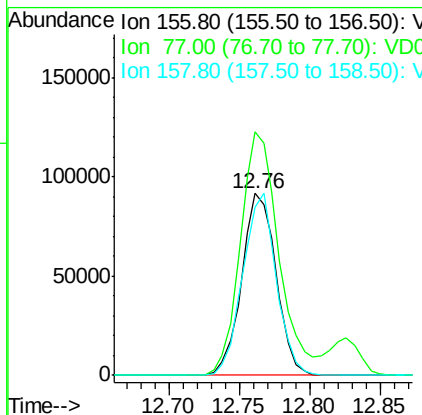
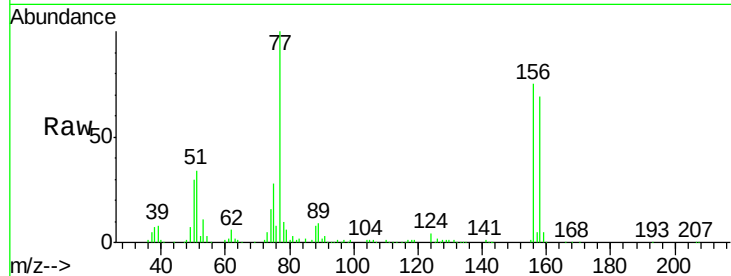
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	156760
Ion Ratio	Lower	Upper	
156	100		
77	148.7	77.8	233.5
158	97.6	47.9	143.7

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#78

n-propylbenzene

Concen: 50.297 ug/l

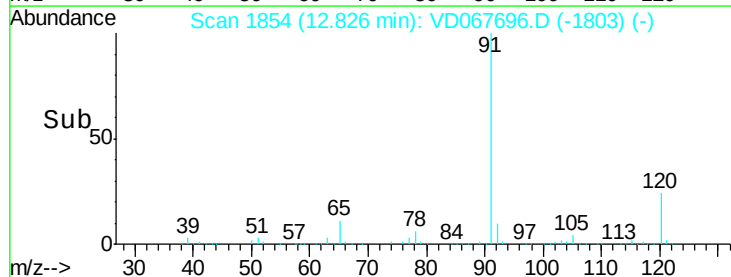
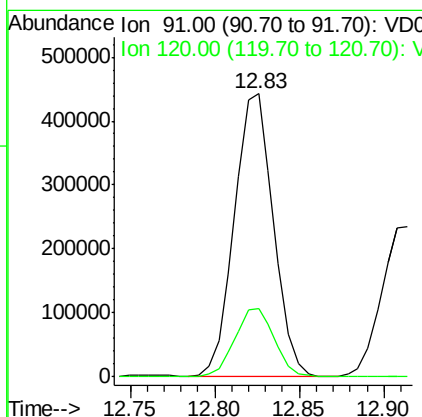
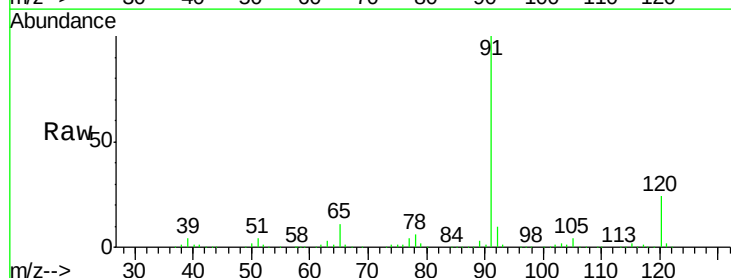
RT: 12.83 min Scan# 1854

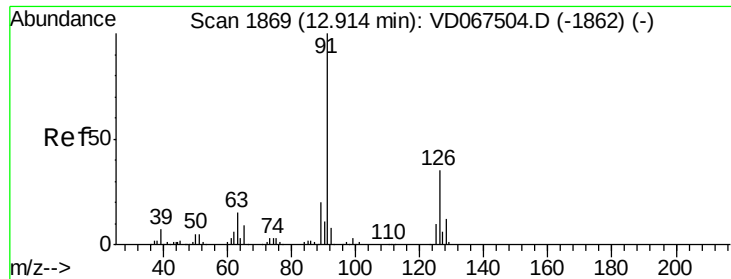
Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Tgt Ion:	91	Resp:	709706
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.2	36.4





#79

2-Chlorotoluene

Concen: 51.034 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 409055

Ion Ratio Lower Upper

91 100

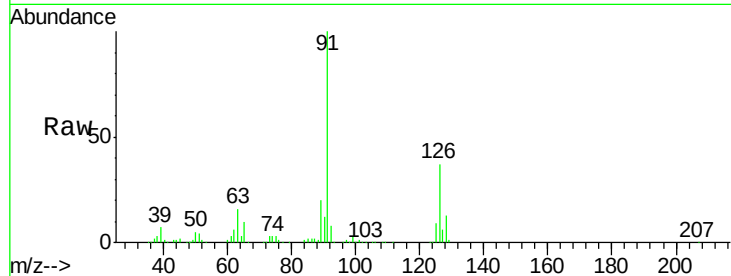
126 36.1 17.8 53.4

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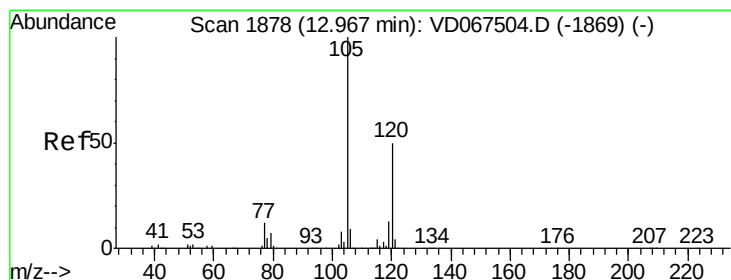
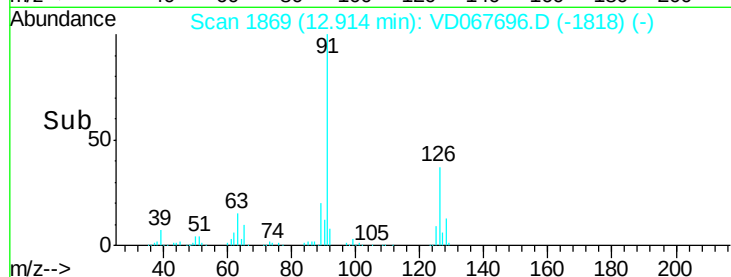
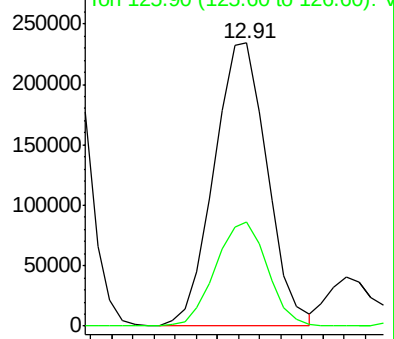
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Abundance Ion 91.00 (90.70 to 91.70): VD067504.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.955 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD067696.D

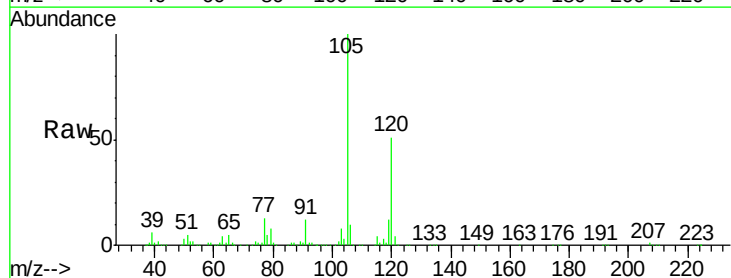
Acq: 18 Nov 2020 19:55

Tgt Ion: 105 Resp: 547508

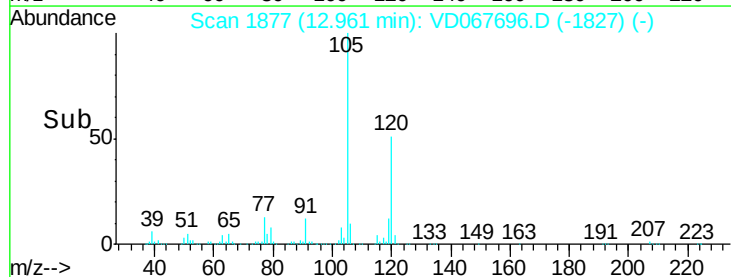
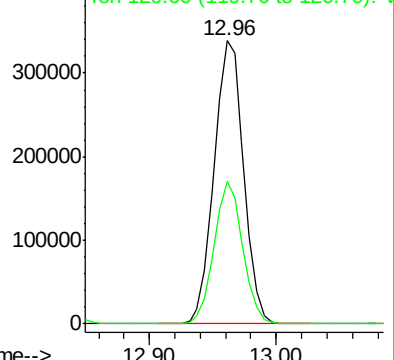
Ion Ratio Lower Upper

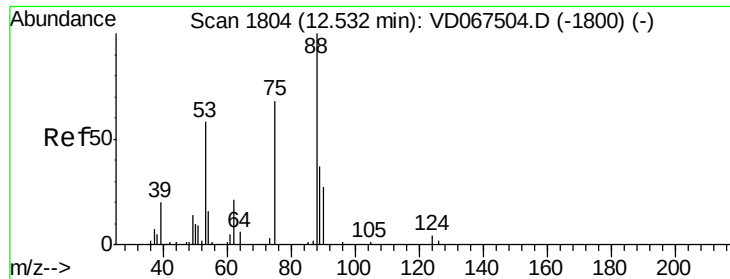
105 100

120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067504.D (-1869) (-)





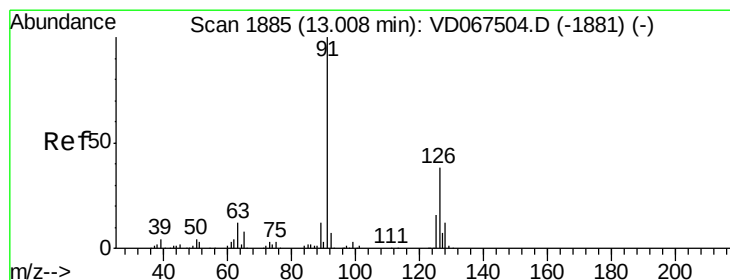
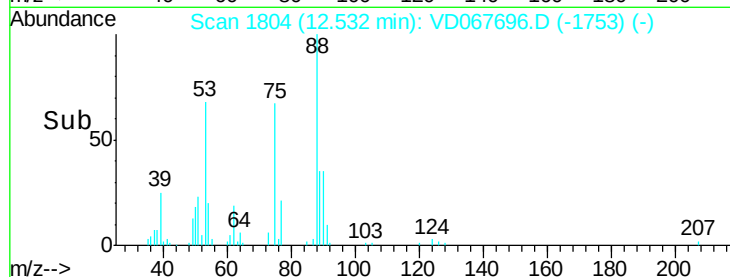
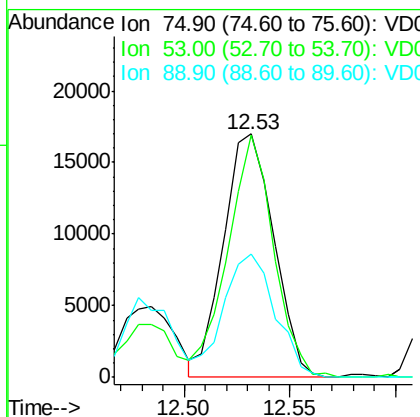
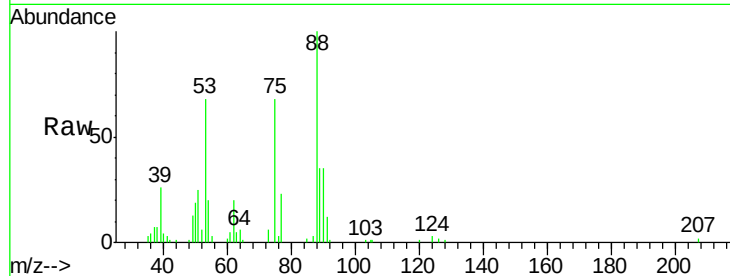
#81
trans-1,4-Dichloro-2-butene
Concen: 49.482 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.5	75.9	113.9
89	52.2	44.6	67.0

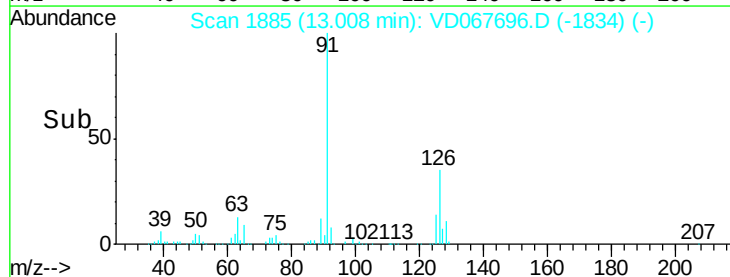
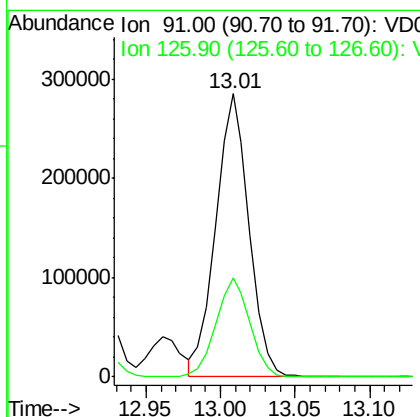
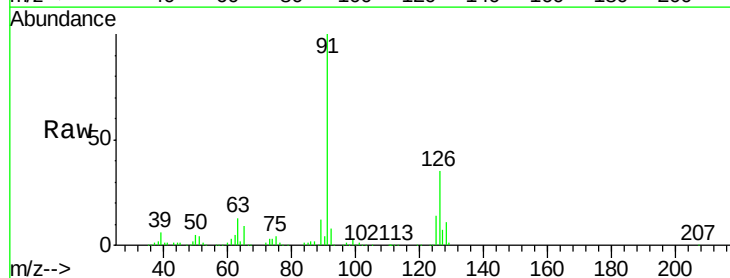
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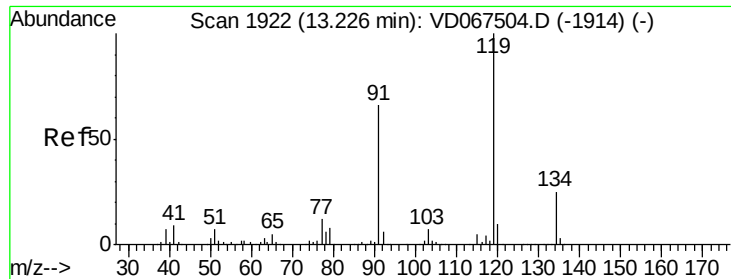
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#82
4-Chlorotoluene
Concen: 51.464 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.9	53.7





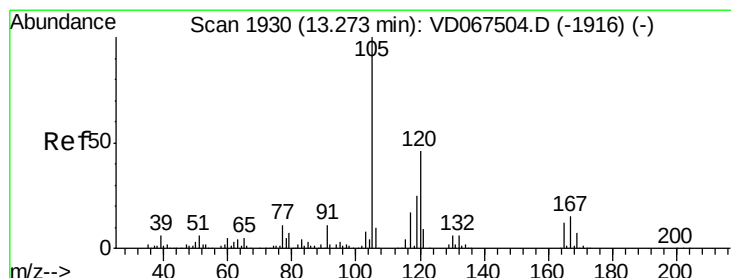
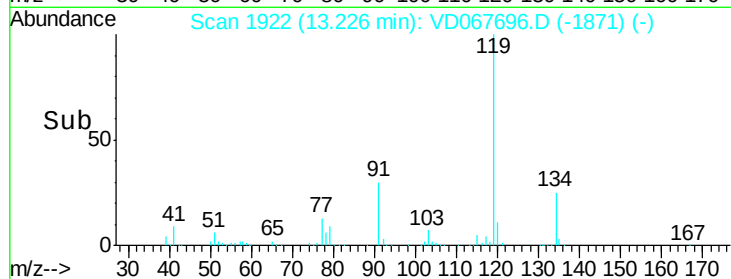
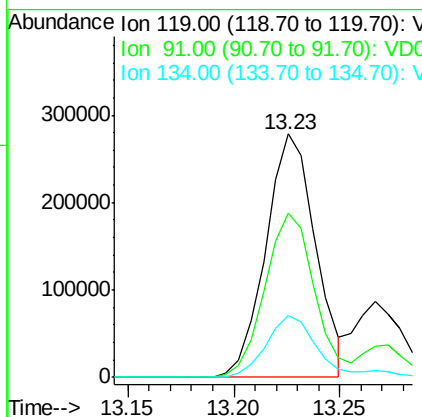
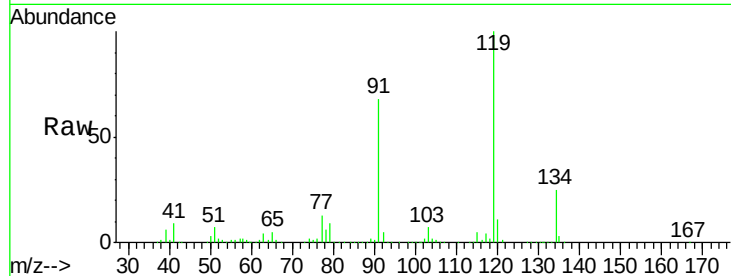
#83
tert-Butylbenzene
Concen: 50.945 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.7	32.7	98.1
134	27.2	13.4	40.2

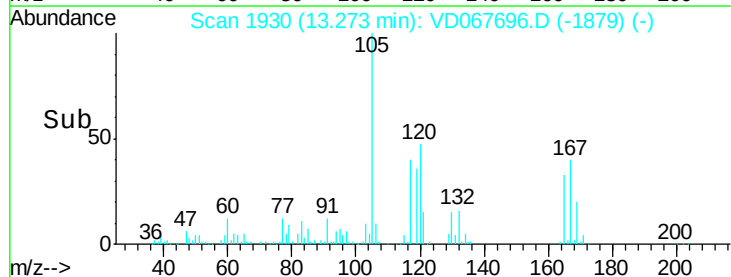
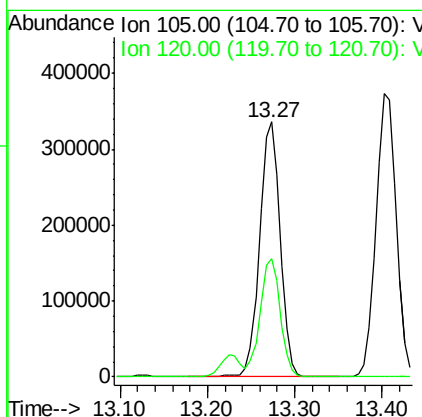
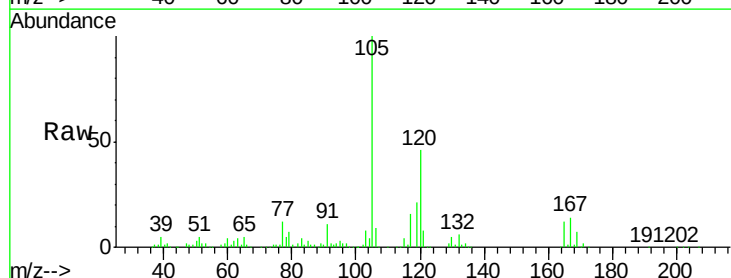
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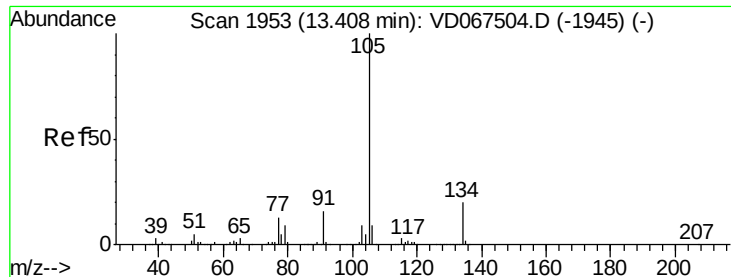
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#84
1,2,4-Trimethylbenzene
Concen: 51.830 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.1	66.1





#85

sec-Butylbenzene

Concen: 49.884 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 601429

Ion Ratio Lower Upper

105 100

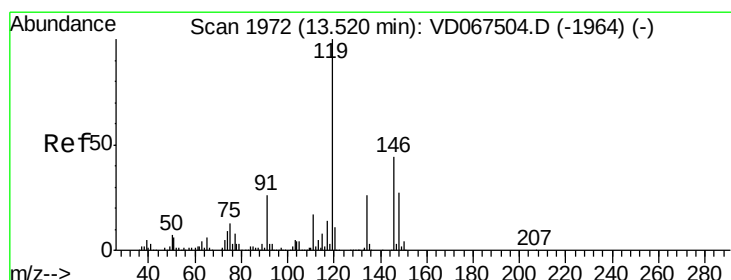
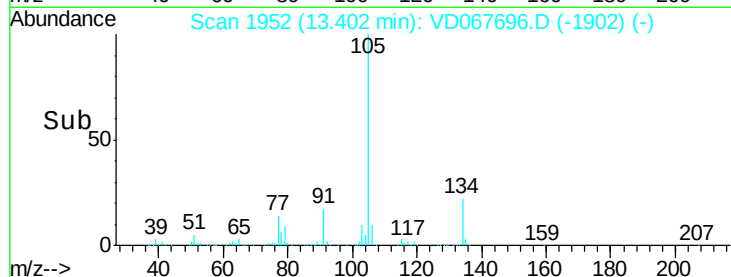
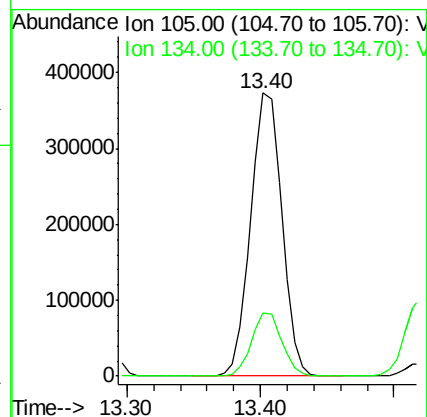
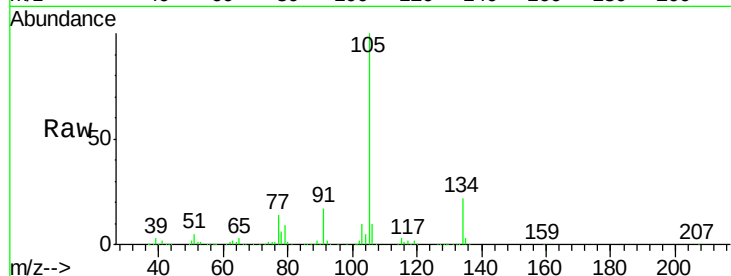
134 21.7 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 50.490 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

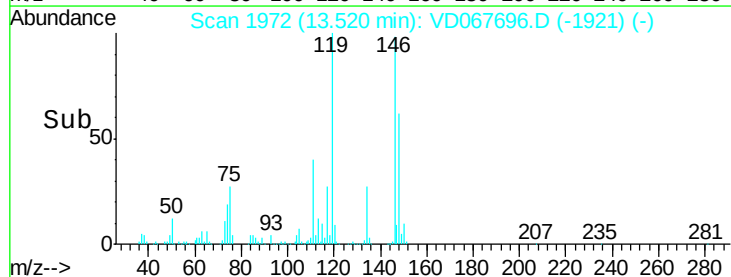
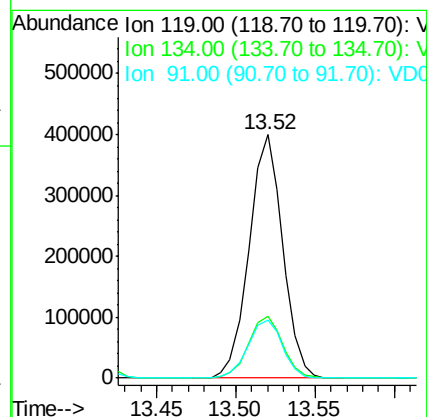
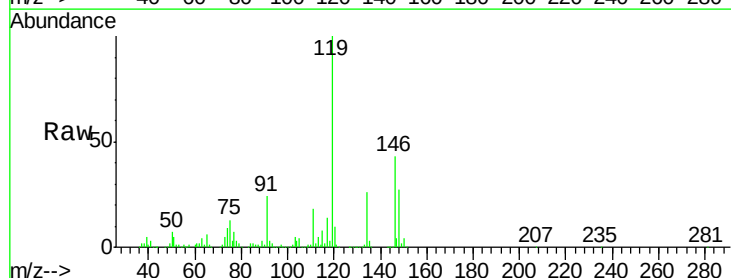
Tgt Ion:119 Resp: 587838

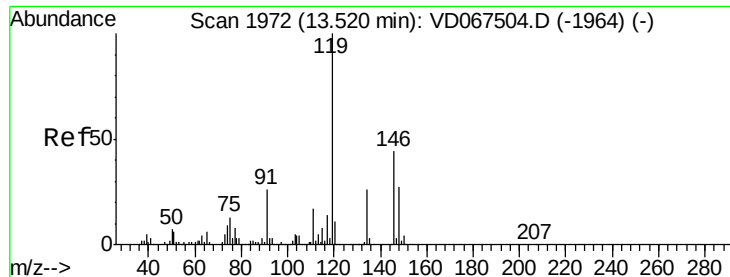
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 24.5 12.2 36.4





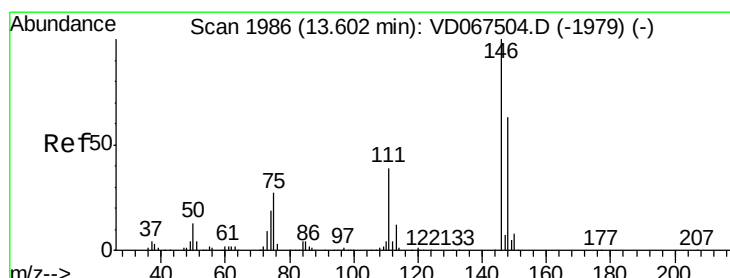
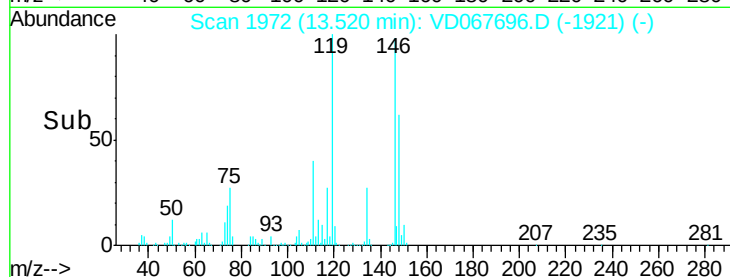
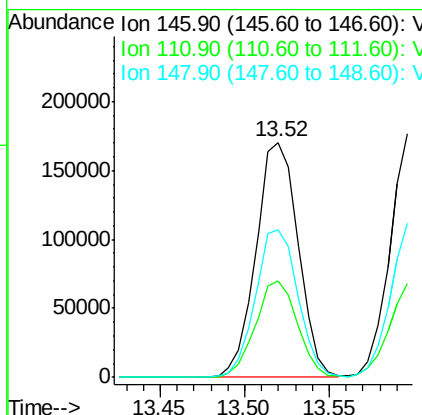
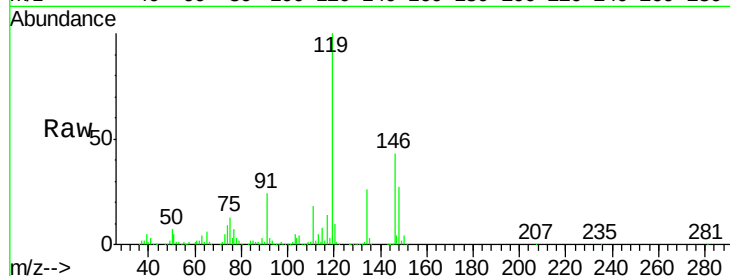
#87
 1,3-Dichlorobenzene
 Concen: 50.784 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	60.8
148	63.6	31.9	95.9

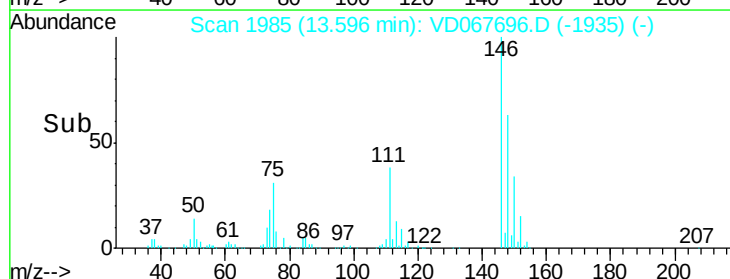
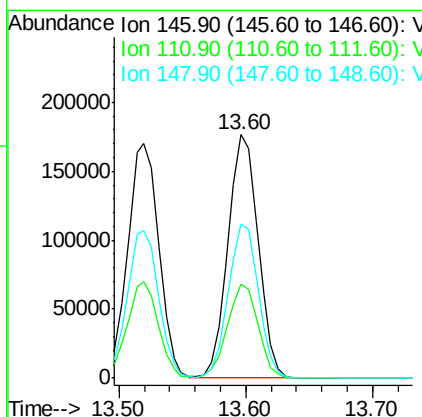
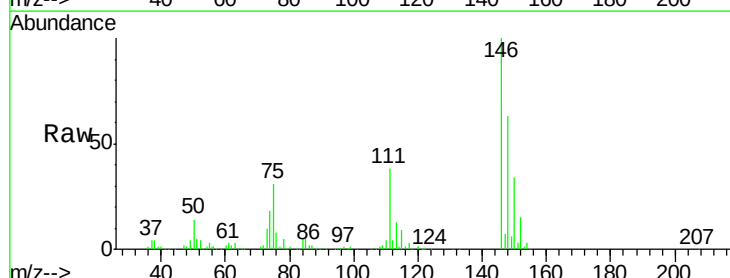
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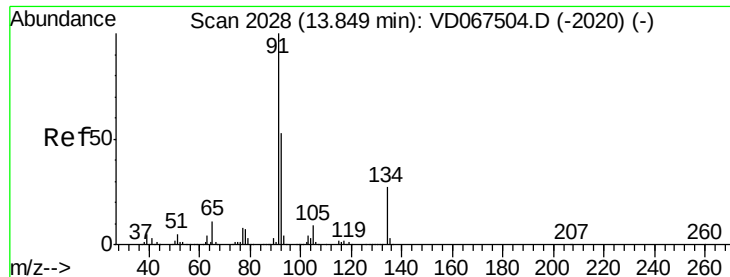
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#88
 1,4-Dichlorobenzene
 Concen: 49.697 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	63.2	31.8	95.4





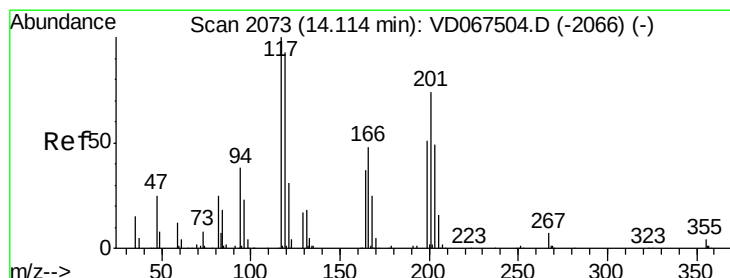
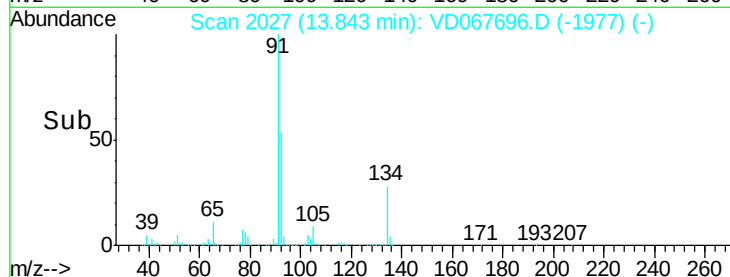
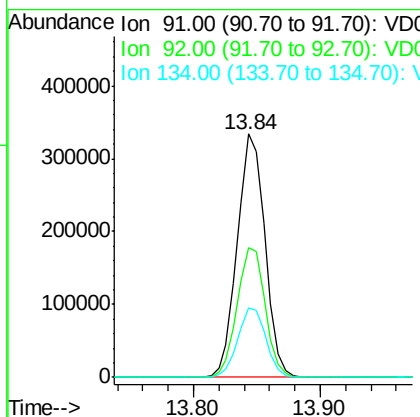
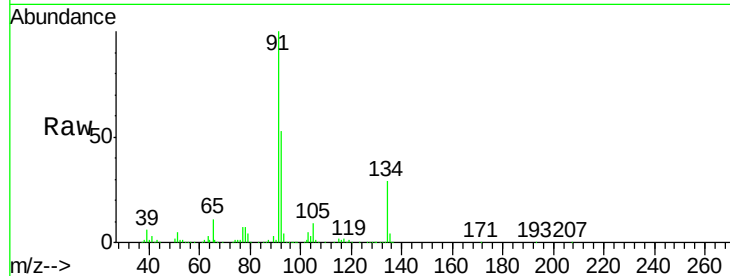
#89
n-Butylbenzene
Concen: 50.274 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.6	79.8
134	29.0	14.1	42.2

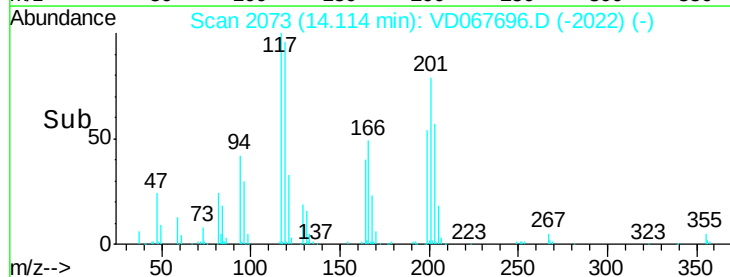
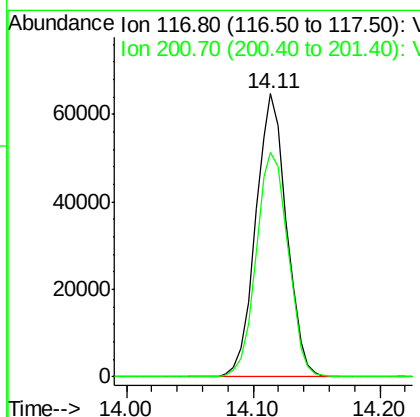
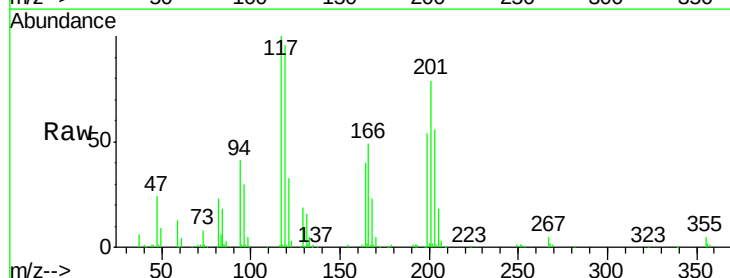
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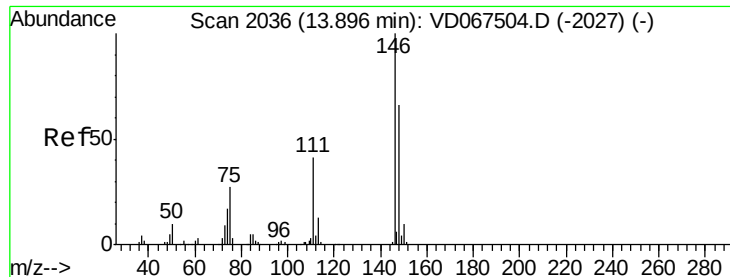
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#90
Hexachloroethane
Concen: 50.073 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067696.D
Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.0	40.7	122.1





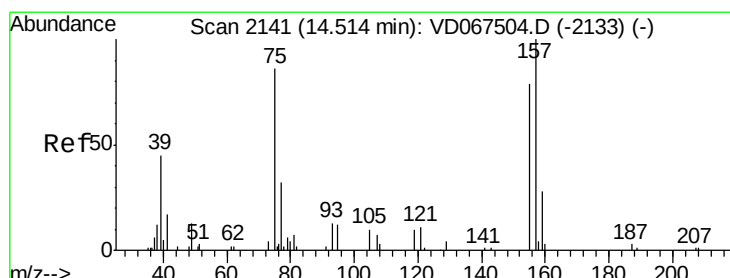
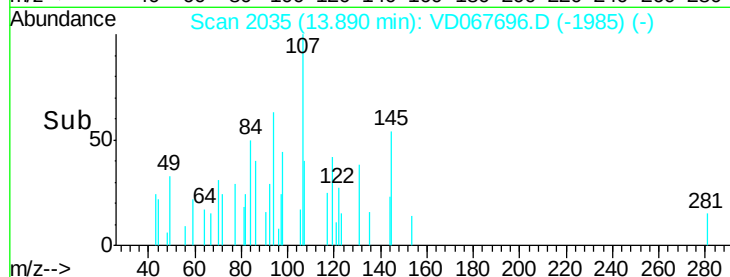
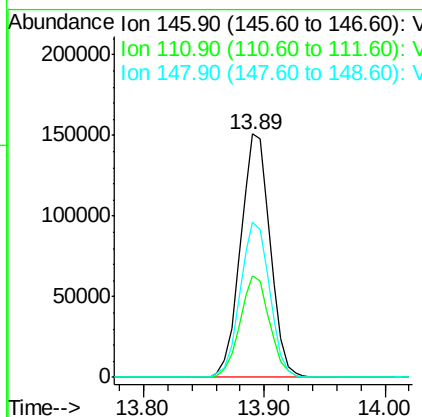
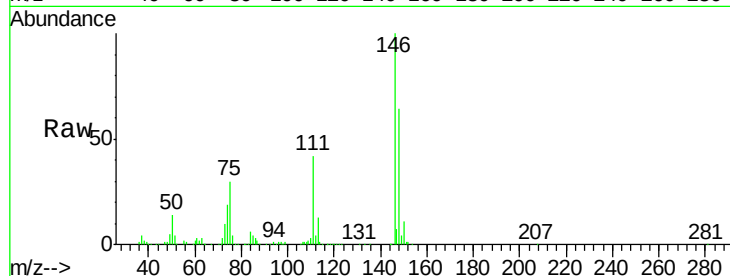
#91
 1,2-Dichlorobenzene
 Concen: 51.489 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.7	62.1
148	63.5	31.5	94.5

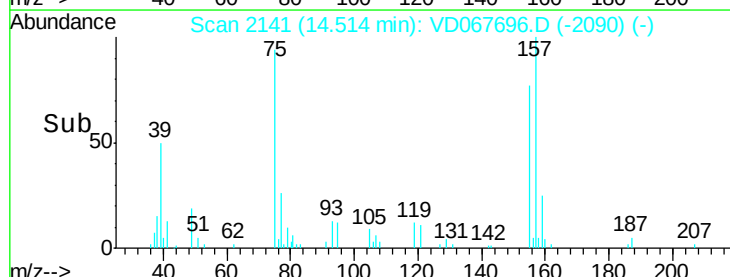
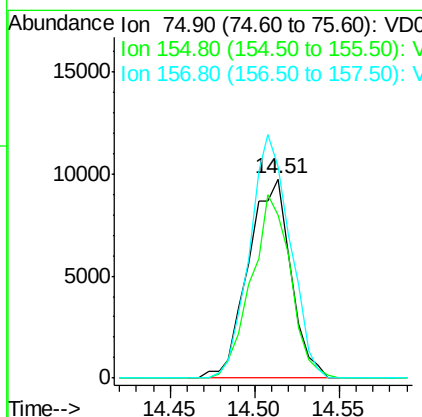
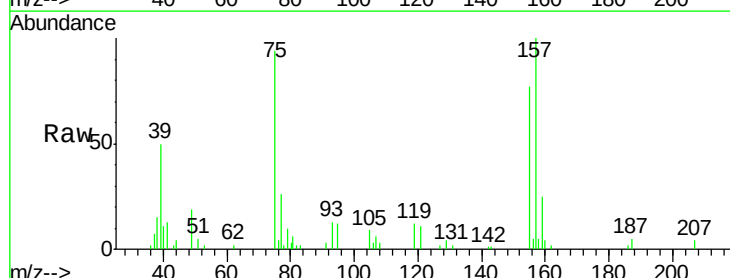
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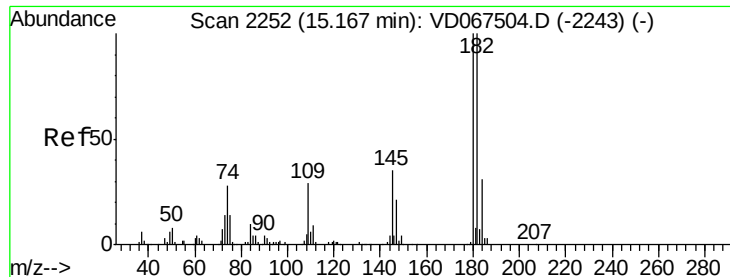
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.881 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.0	46.6	139.8
157	116.5	58.1	174.2





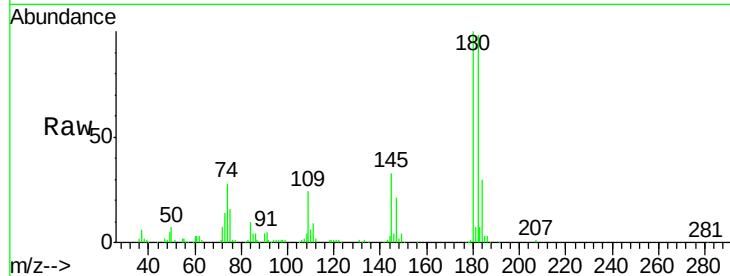
#93
 1,2,4-Trichlorobenzene
 Concen: 53.205 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

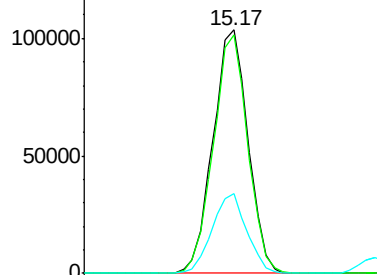
Tot Ion	Ratio	Resp	Lower	Upper
180	100	180671		
182	96.0		47.4	142.3
145	32.4		16.2	48.6

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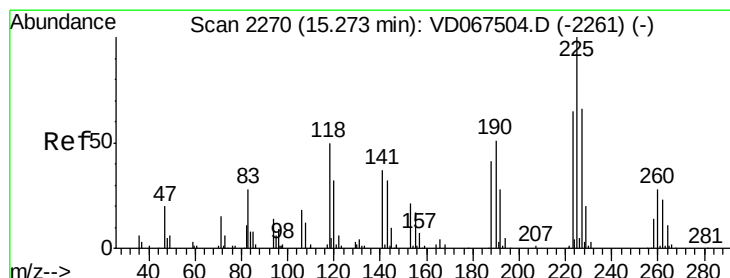
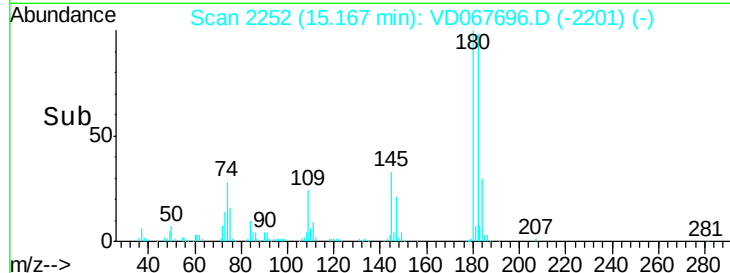
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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

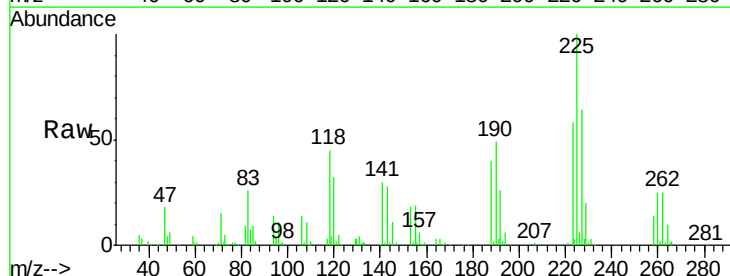


Time-->

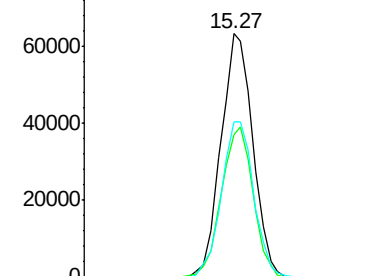


#94
 Hexachlorobutadiene
 Concen: 48.723 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD067696.D
 Acq: 18 Nov 2020 19:55

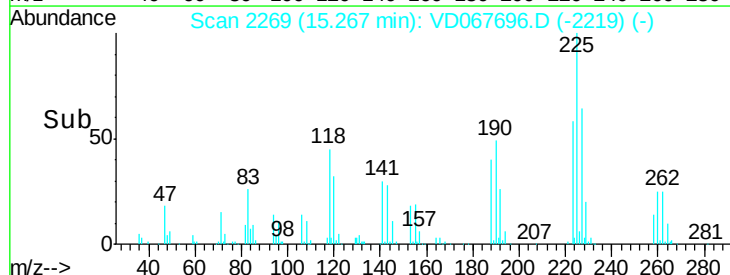
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	110730		
223	61.4		31.9	95.5
227	64.6		32.5	97.4

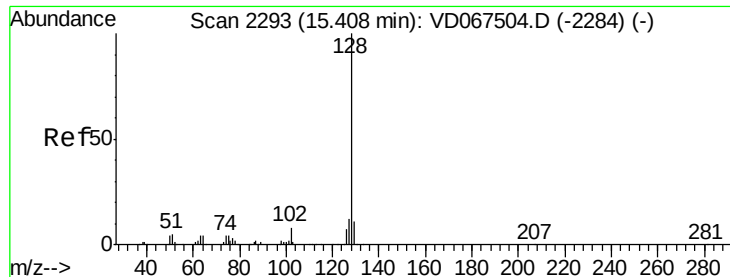


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 57.035 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Instrument :

MSVOA_D

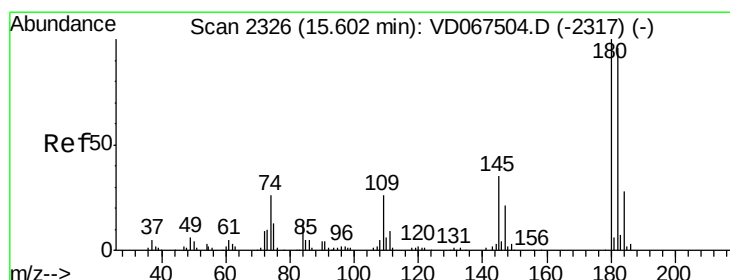
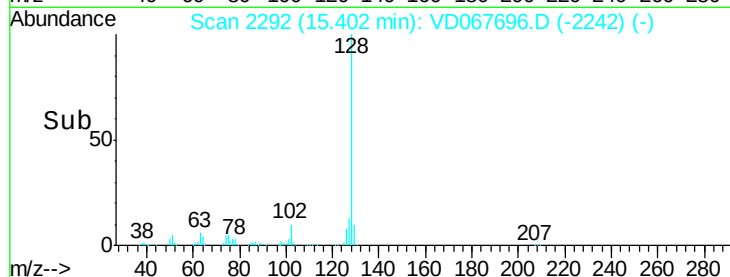
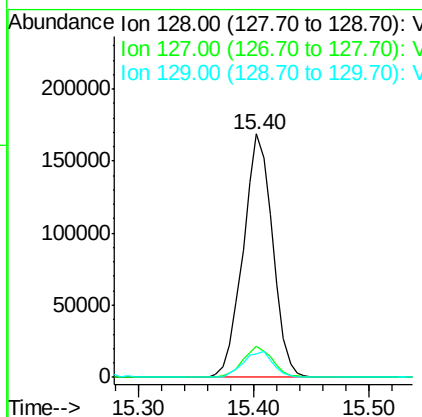
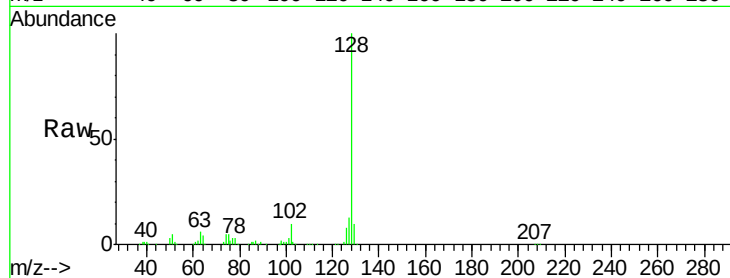
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	298887
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/19/2020 11:07:08 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.727 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD067696.D

Acq: 18 Nov 2020 19:55

Tgt Ion:	180	Resp:	153323
Ion Ratio	Lower	Upper	
180	100		
182	97.1	46.9	140.8
145	35.5	17.1	51.2

