

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067204.D
 Acq On : 09 Oct 2020 11:06
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 09 23:43:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	355617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	506925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	462037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231099	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	152546	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	
35) Dibromofluoromethane	7.91	113	163061	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	10.34	98	592935	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.64	95	205496	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	173593	61.807	ug/l	98
3) Chloromethane	2.21	50	115792	40.886	ug/l	99
4) Vinyl Chloride	2.35	62	130184	45.844	ug/l	96
5) Bromomethane	2.77	94	95022	52.095	ug/l	96
6) Chloroethane	2.92	64	77862	45.023	ug/l	97
7) Trichlorofluoromethane	3.27	101	319855	50.697	ug/l	99
8) Diethyl Ether	3.71	74	67857	43.372	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.10	101	171453	48.080	ug/l	96
10) Methyl Iodide	4.30	142	169133	48.813	ug/l	97
11) Tert butyl alcohol	5.21	59	46113	224.817	ug/l	99
12) 1,1-Dichloroethene	4.07	96	156657	46.731	ug/l	96
13) Acrolein	3.92	56	50023	218.102	ug/l	95
14) Allyl chloride	4.71	41	178404	40.966	ug/l	88
15) Acrylonitrile	5.42	53	119650	207.792	ug/l	97
16) Acetone	4.15	43	135824	259.765	ug/l	97
17) Carbon Disulfide	4.41	76	451677	43.903	ug/l	99
18) Methyl Acetate	4.72	43	52667	40.077	ug/l	91
19) Methyl tert-butyl Ether	5.48	73	296961	48.525	ug/l	95
20) Methylene Chloride	4.96	84	173026	46.059	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	182002	47.706	ug/l	96
22) Diisopropyl ether	6.37	45	329488	41.442	ug/l	97
23) Vinyl Acetate	6.31	43	974809	216.370	ug/l	95
24) 1,1-Dichloroethane	6.27	63	273946	44.647	ug/l	98
25) 2-Butanone	7.21	43	145394	196.131	ug/l	91
26) 2,2-Dichloropropane	7.21	77	288430	55.420	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	192233	47.180	ug/l	98
28) Bromochloromethane	7.54	49	94306	39.799	ug/l #	81
29) Tetrahydrofuran	7.56	42	81414	191.001	ug/l #	87
30) Chloroform	7.71	83	326937	49.119	ug/l	99
31) Cyclohexane	7.98	56	212662	41.341	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	326343	52.904	ug/l	98
36) 1,1-Dichloropropene	8.11	75	242425	51.306	ug/l	98
37) Ethyl Acetate	7.30	43	66729	40.765	ug/l	99
38) Carbon Tetrachloride	8.10	117	307729	60.192	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	269215	53.891	ug/l	94
40) Benzene	8.36	78	659756	50.270	ug/l	100
41) Methacrylonitrile	7.53	41	39621	44.803	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	189446	51.658	ug/l	99
43) Isopropyl Acetate	8.46	43	135180	44.828	ug/l	94
44) Trichloroethene	9.11	130	210183	53.632	ug/l	99
45) 1,2-Dichloropropane	9.38	63	149036	48.330	ug/l	94
46) Dibromomethane	9.48	93	91623	51.696	ug/l	96
47) Bromodichloromethane	9.66	83	241684	52.459	ug/l	97
48) Methyl methacrylate	9.46	41	69162	44.768	ug/l	85
49) 1,4-Dioxane	9.46	88	17767	960.496	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	339634	226.117	ug/l	97
52) Toluene	10.40	92	453082	53.592	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	221884	53.887	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	259611	51.633	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	124152	50.384	ug/l	97
56) Ethyl methacrylate	10.66	69	135700	53.340	ug/l	95
57) 1,3-Dichloropropane	10.95	76	202511	50.681	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	361587	255.363	ug/l	94
59) 2-Hexanone	10.98	43	242716	242.106	ug/l	96
60) Dibromochloromethane	11.14	129	177023	53.901	ug/l	96
61) 1,2-Dibromoethane	11.25	107	123812	52.300	ug/l	99
64) Tetrachloroethene	10.88	164	184827	55.024	ug/l	91
65) Chlorobenzene	11.67	112	485146	52.795	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	187776	53.720	ug/l	99
67) Ethyl Benzene	11.75	91	850775	54.035	ug/l	98
68) m/p-Xylenes	11.86	106	668228	108.902	ug/l	97
69) o-Xylene	12.18	106	301945	55.027	ug/l	94
70) Styrene	12.20	104	516117	54.776	ug/l	98
71) Bromoform	12.36	173	98301	54.177	ug/l #	99
73) Isopropylbenzene	12.48	105	868467	55.345	ug/l	99
74) N-amyl acetate	12.29	43	125947	44.648	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	119927	45.360	ug/l	94
76) 1,2,3-Trichloropropane	12.79	75	166829	82.878	ug/l #	100
77) Bromobenzene	12.77	156	203501	53.708	ug/l	93
78) n-propylbenzene	12.83	91	1005754	54.233	ug/l	98
79) 2-Chlorotoluene	12.91	91	561313	52.902	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	733535	55.328	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	40556	50.230	ug/l	98
82) 4-Chlorotoluene	13.01	91	596649	52.852	ug/l	100
83) tert-Butylbenzene	13.23	119	637405	57.093	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	735972	55.625	ug/l	97
85) sec-Butylbenzene	13.41	105	877462	55.810	ug/l	100
86) p-Isopropyltoluene	13.52	119	806641	55.339	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	384305	52.071	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	382923	51.890	ug/l	99
89) n-Butylbenzene	13.85	91	737007	55.325	ug/l	98
90) Hexachloroethane	14.12	117	138078	54.079	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	331327	51.404	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	20718	48.612	ug/l	95

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

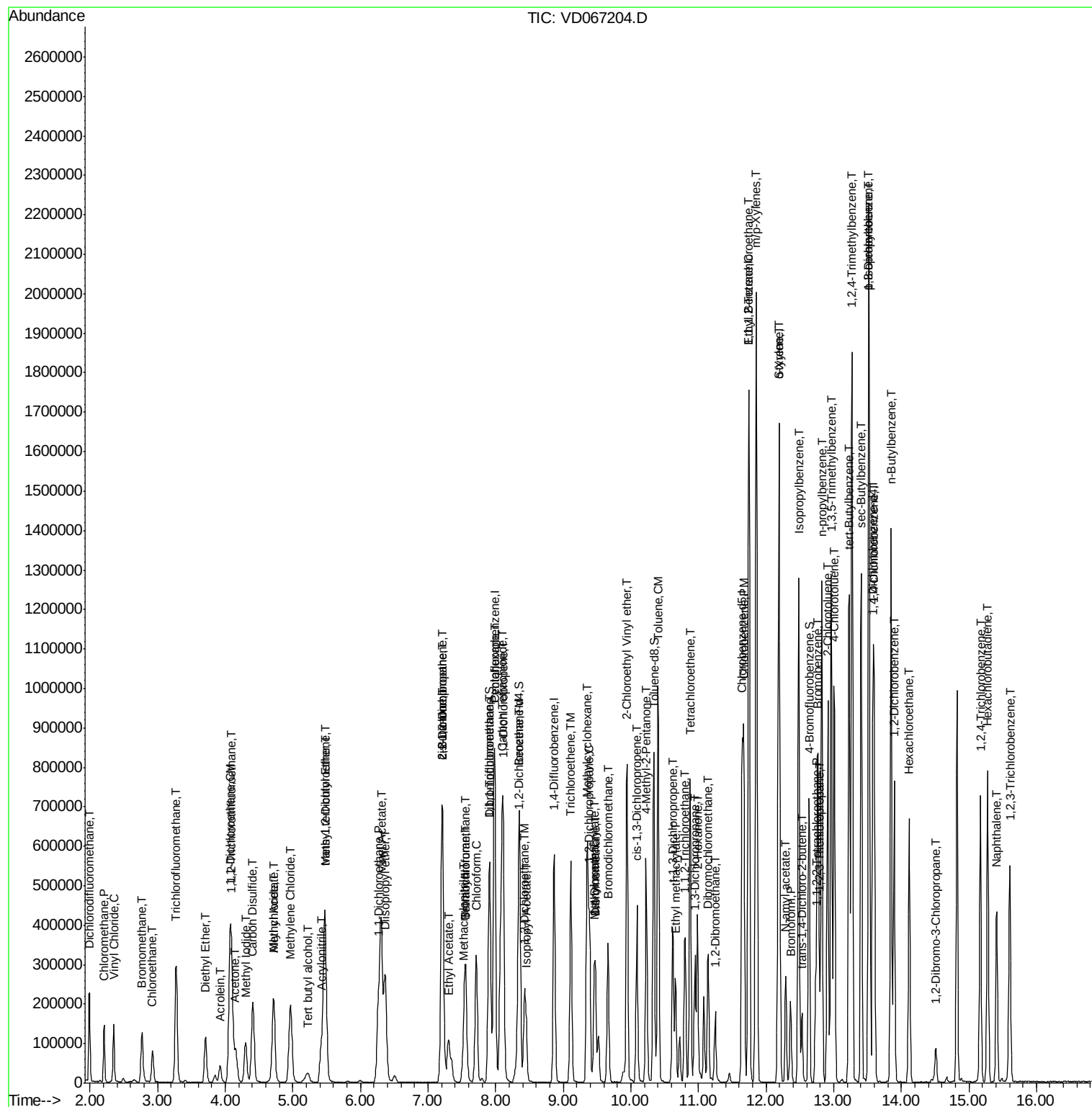
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	232872	55.856	ug/l	99
94) Hexachlorobutadiene	15.28	225	154590	60.376	ug/l	97
95) Naphthalene	15.41	128	390284	56.123	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	199414	55.099	ug/l	97

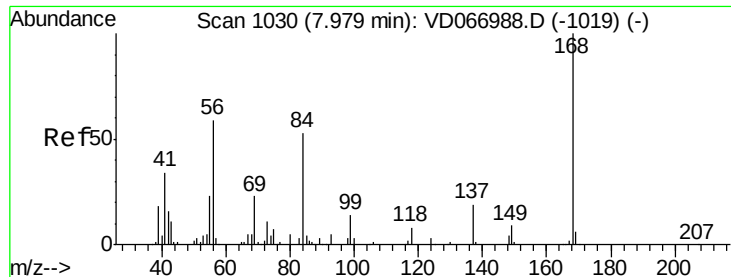
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

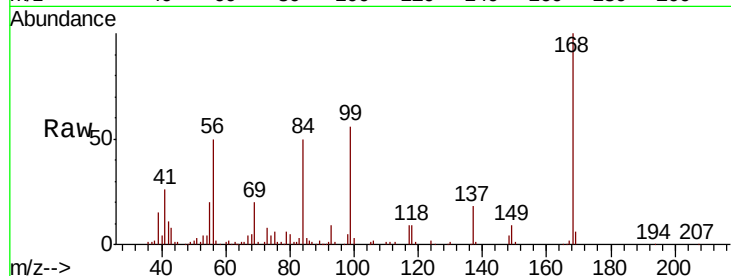
VSTDCCC050

Tot Ion:168 Resp: 355617

Ion Ratio Lower Upper

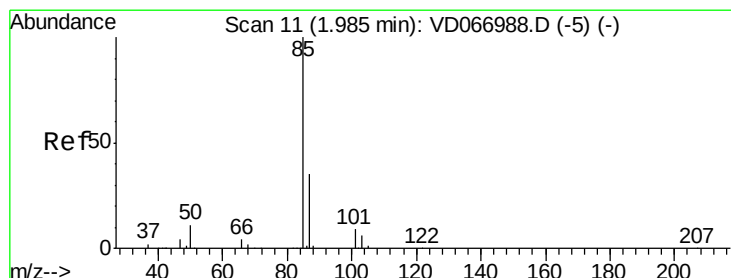
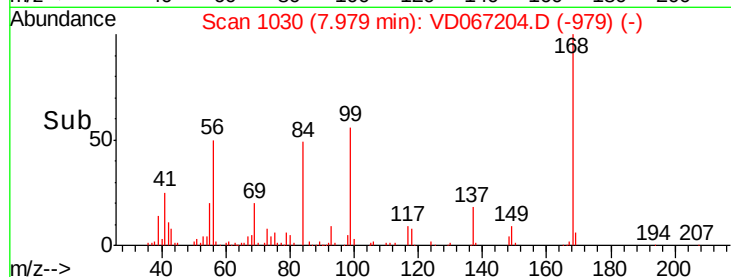
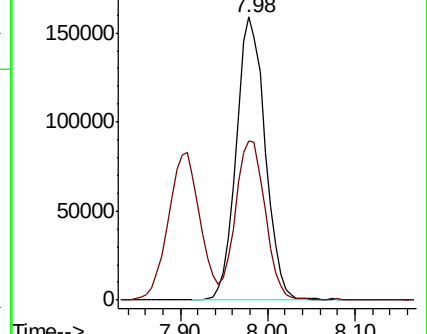
168 100

99 56.1 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 61.807 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067204.D

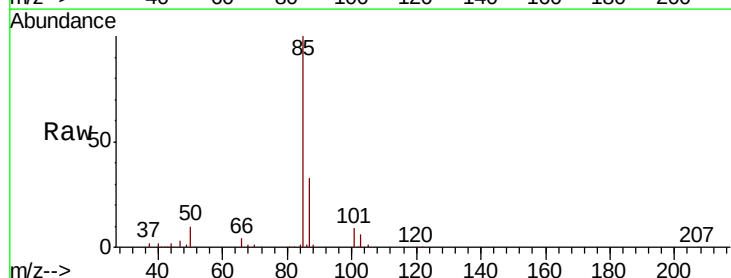
Acq: 09 Oct 2020 11:06

Tgt Ion: 85 Resp: 173593

Ion Ratio Lower Upper

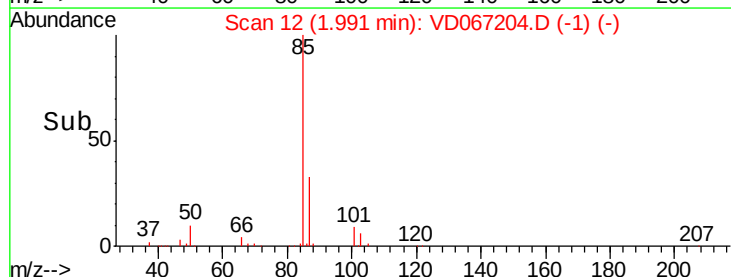
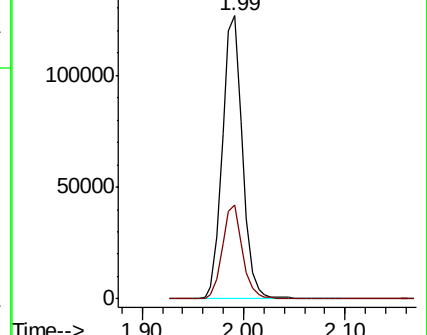
85 100

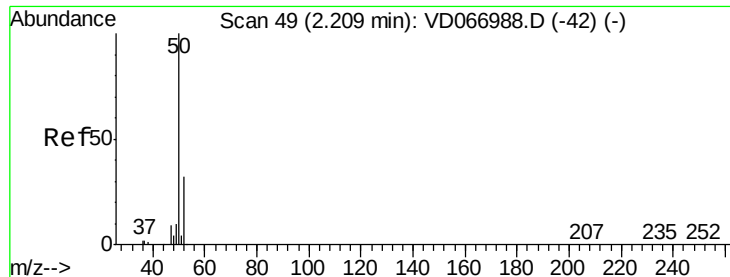
87 33.3 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 40.886 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

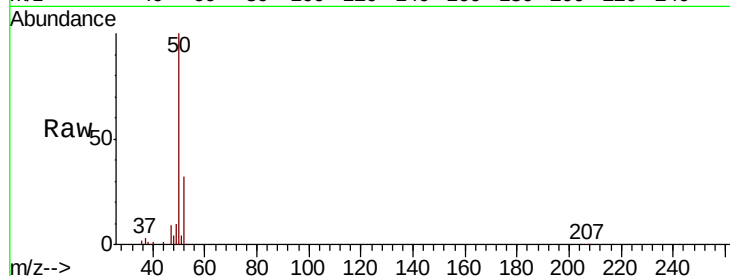
VSTDCCC050

Tot Ion: 50 Resp: 115792

Ion Ratio Lower Upper

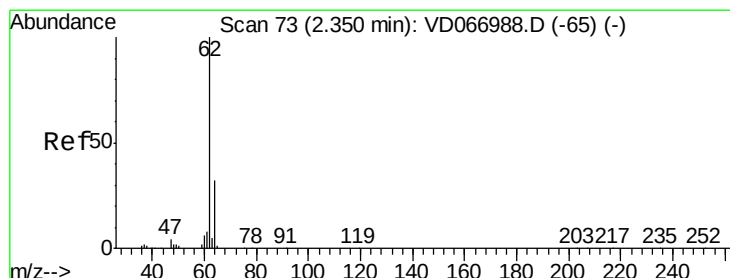
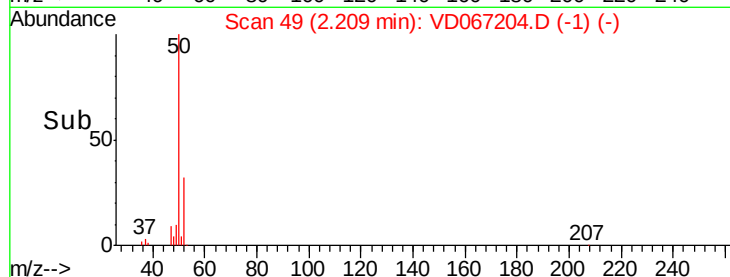
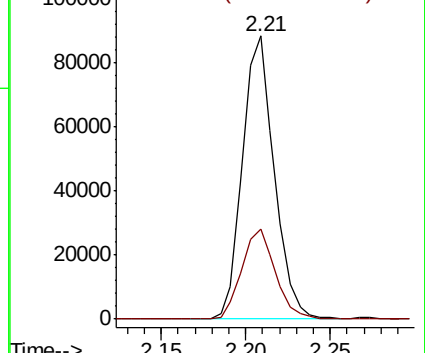
50 100

52 31.9 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 45.844 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067204.D

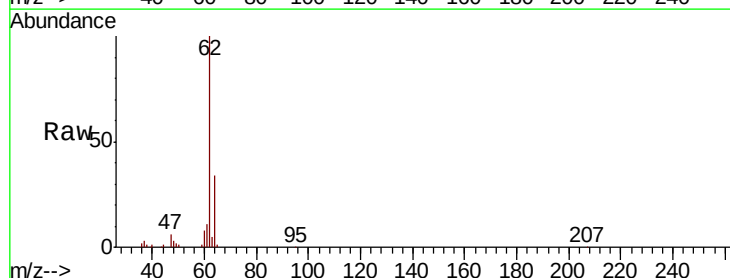
Acq: 09 Oct 2020 11:06

Tgt Ion: 62 Resp: 130184

Ion Ratio Lower Upper

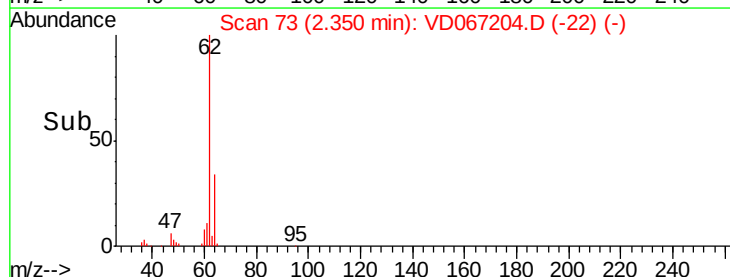
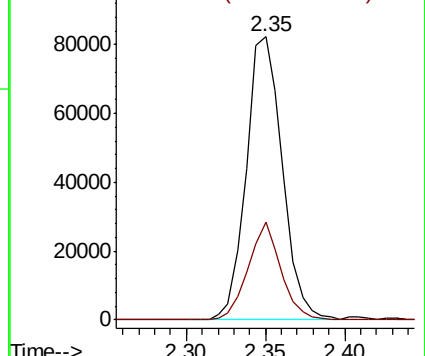
62 100

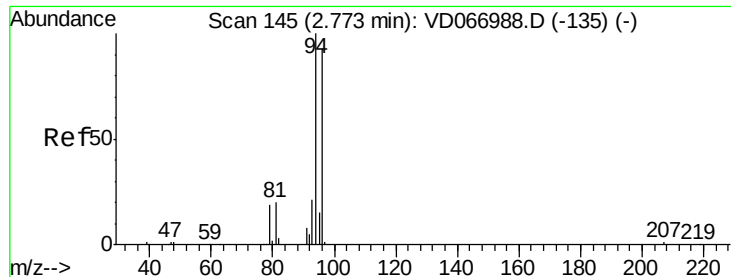
64 34.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 52.095 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Instrument :

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ClientSampleId :

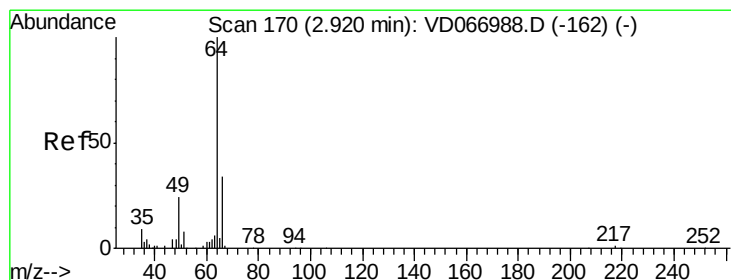
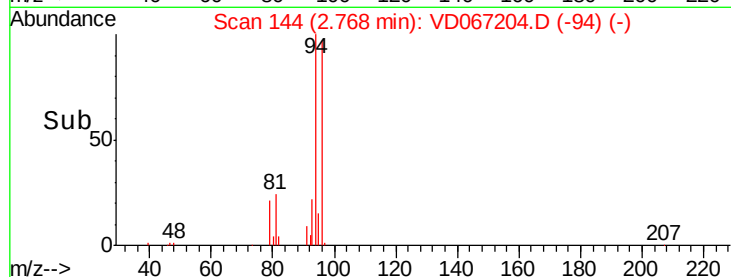
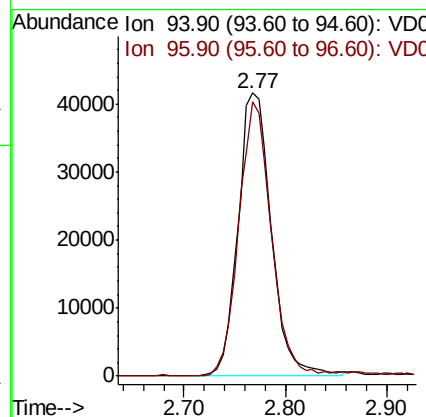
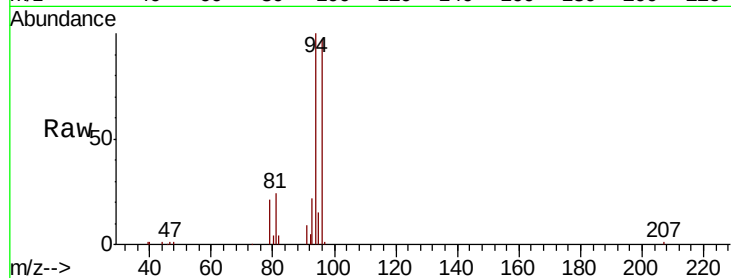
VSTDCCC050

Tot Ion: 94 Resp: 95022

Ion Ratio Lower Upper

94 100

96 96.8 74.6 112.0



#6

Chloroethane

Concen: 45.023 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067204.D

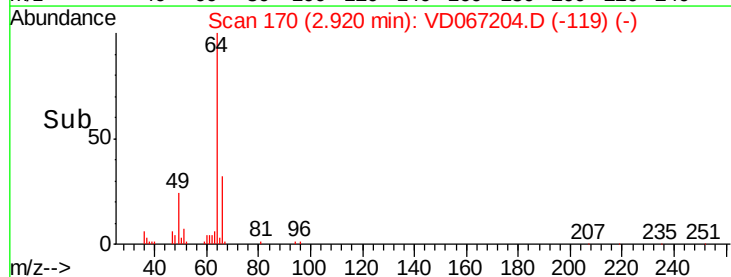
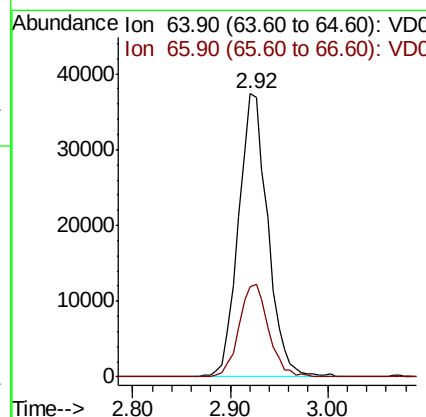
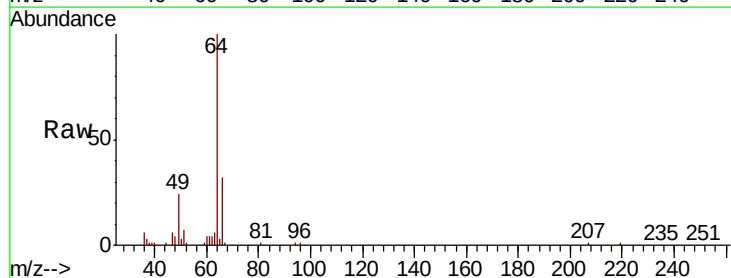
Acq: 09 Oct 2020 11:06

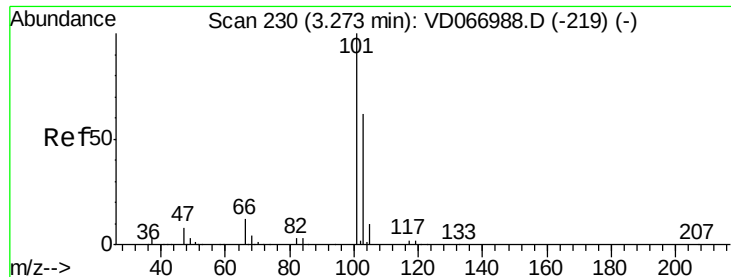
Tgt Ion: 64 Resp: 77862

Ion Ratio Lower Upper

64 100

66 32.1 27.0 40.6



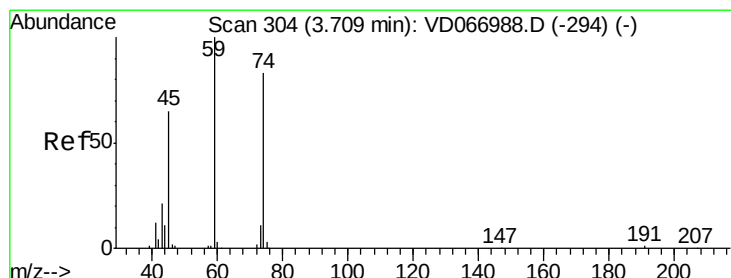
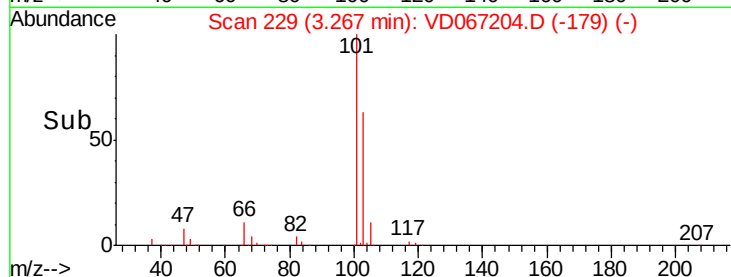
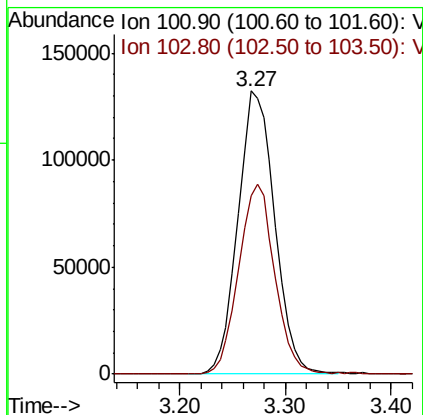
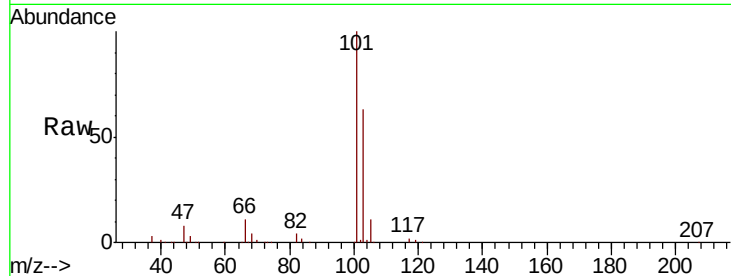


#7

Trichlorofluoromethane
 Concen: 50.697 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

Instrument :
 MSVOA_D
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 VSTDCCC050

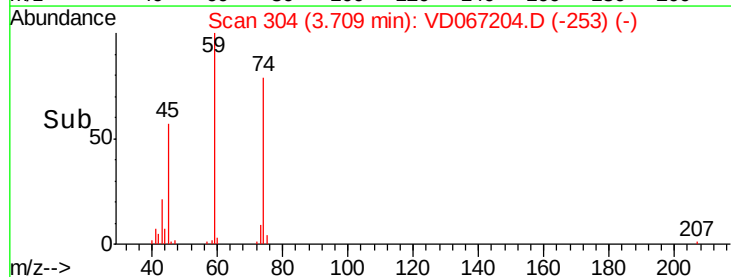
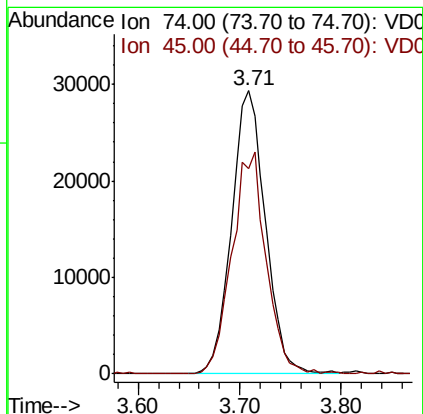
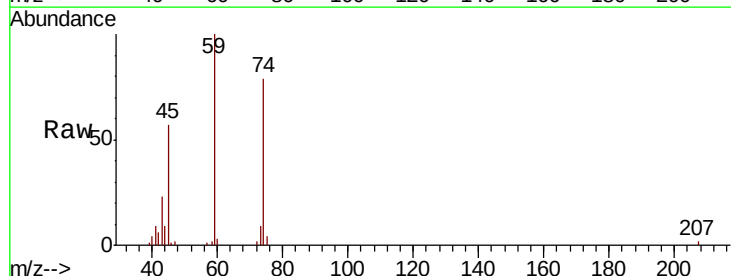
Tot Ion:101 Resp: 319855
 Ion Ratio Lower Upper
 101 100
 103 63.2 49.8 74.8

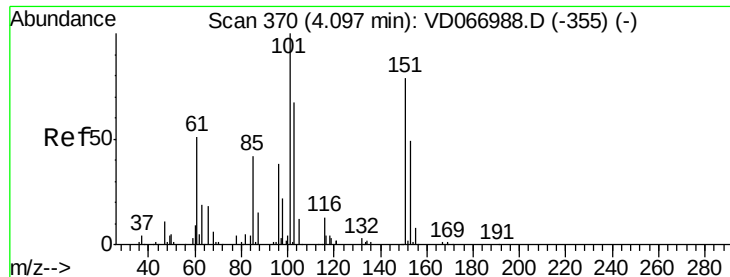


#8

Diethyl Ether
 Concen: 43.372 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

Tgt Ion: 74 Resp: 67857
 Ion Ratio Lower Upper
 74 100
 45 79.5 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.080 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

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VSTDCCC050

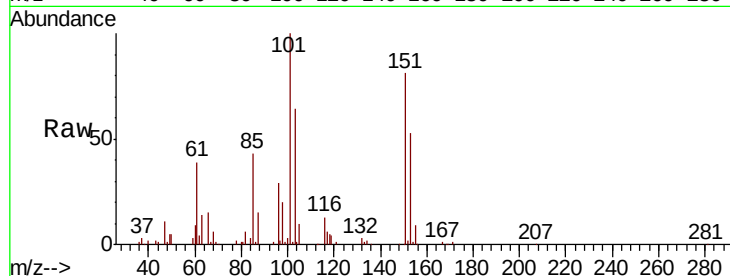
Tot Ion:101 Resp: 171453

Ion Ratio Lower Upper

101 100

85 43.9 33.8 50.8

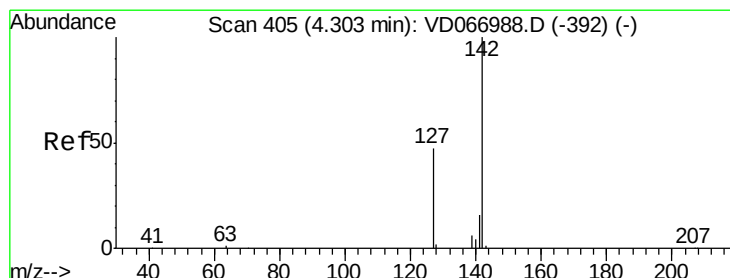
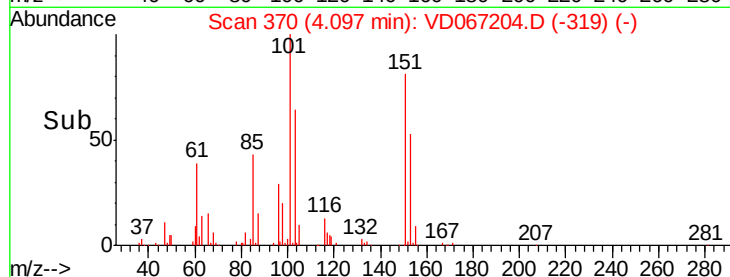
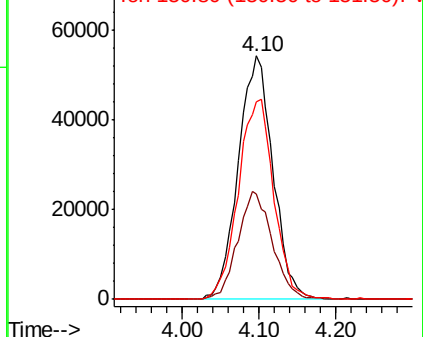
151 84.0 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.813 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

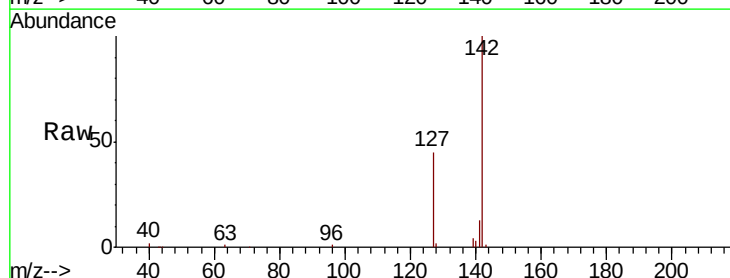
Tgt Ion:142 Resp: 169133

Ion Ratio Lower Upper

142 100

127 47.9 36.3 54.5

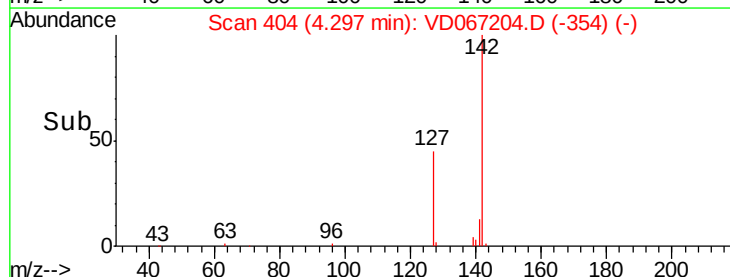
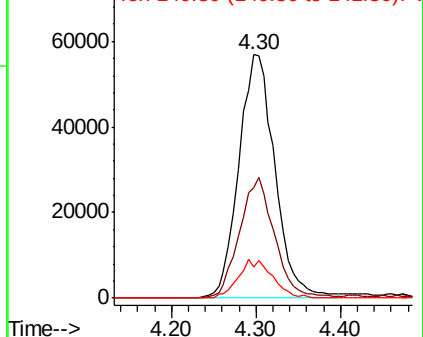
141 15.1 12.0 18.0

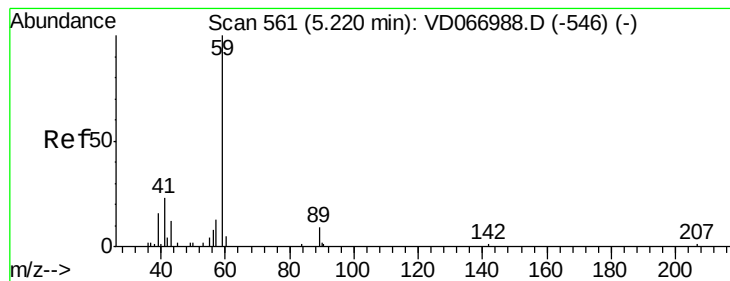


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



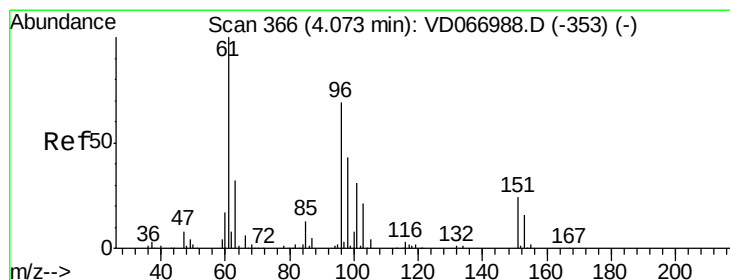
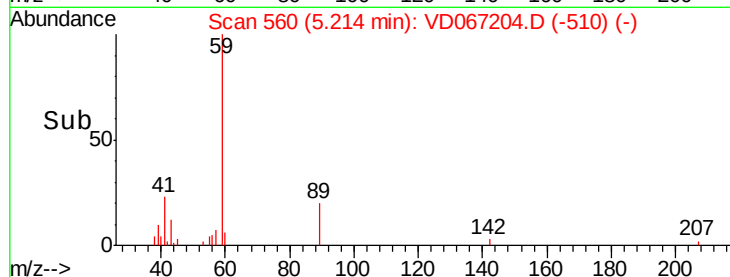
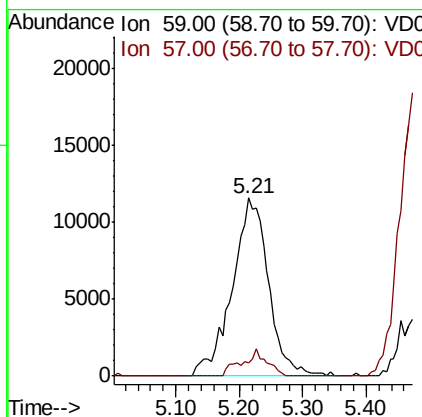
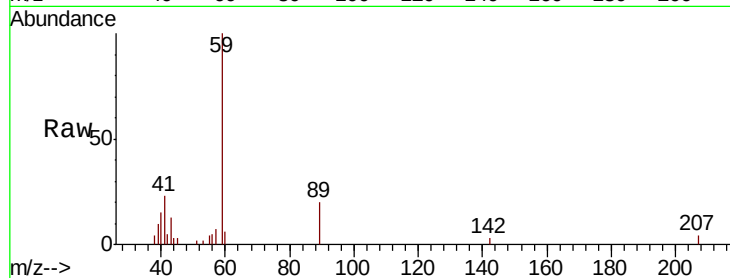


#11

Tert butyl alcohol
 Concen: 224.817 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

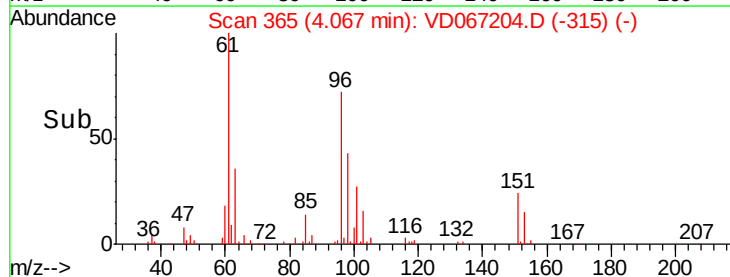
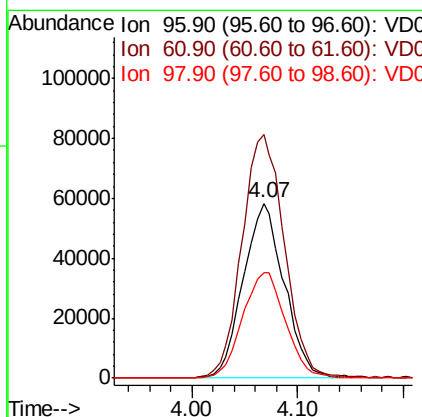
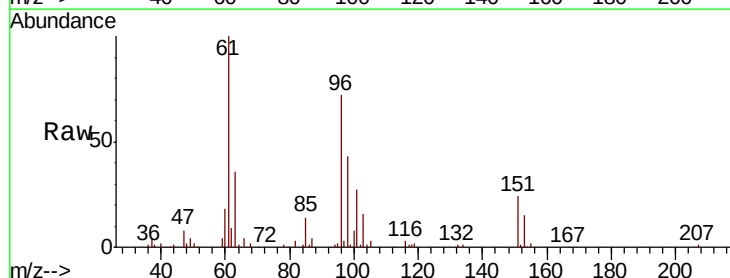
Tot Ion: 59 Resp: 46113
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

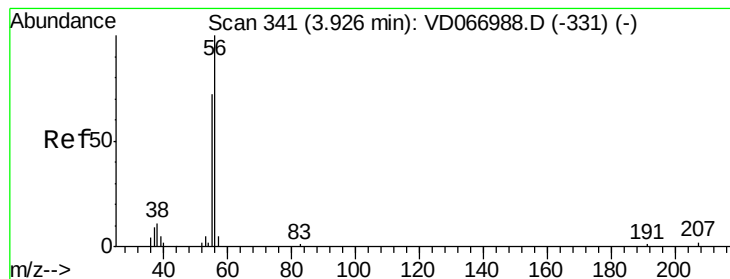


#12

1,1-Dichloroethene
 Concen: 46.731 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

Tgt Ion: 96 Resp: 156657
 Ion Ratio Lower Upper
 96 100
 61 139.2 116.4 174.6
 98 60.3 49.9 74.9





#13

Acrolein

Concen: 218.102 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

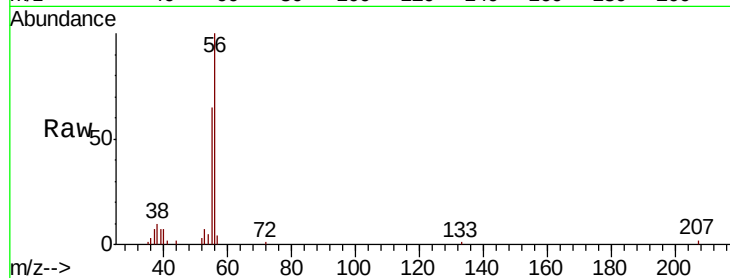
VSTDCCC050

Tot Ion: 56 Resp: 50023

Ion Ratio Lower Upper

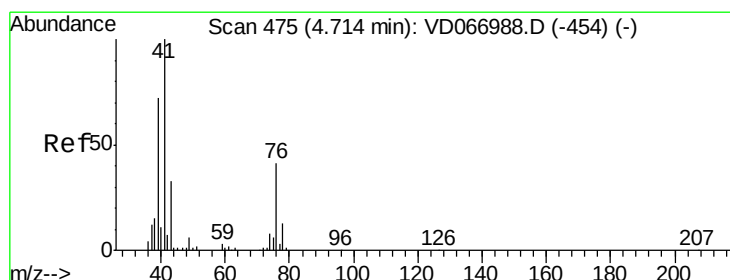
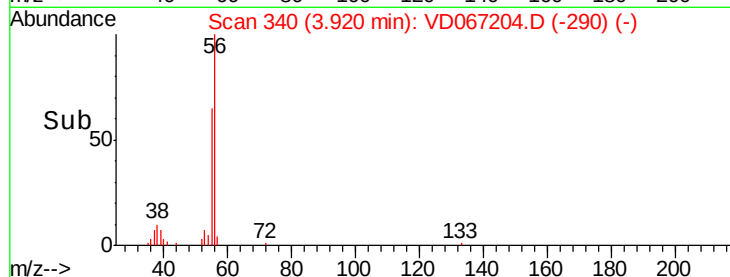
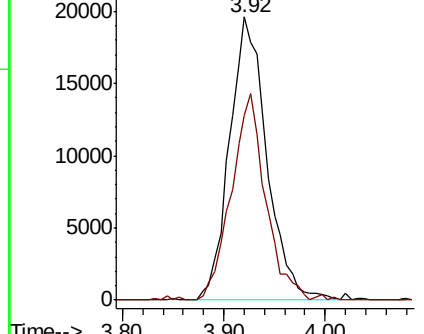
56 100

55 66.9 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 40.966 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

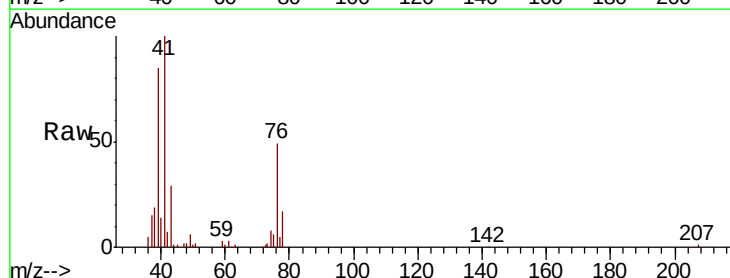
Tgt Ion: 41 Resp: 178404

Ion Ratio Lower Upper

41 100

39 80.5 56.2 84.2

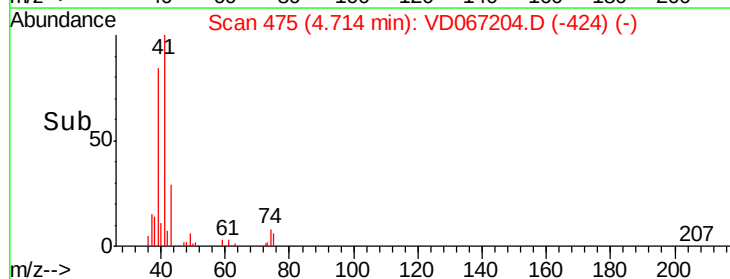
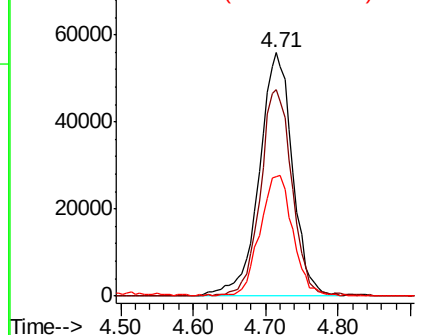
76 49.5 34.2 51.2

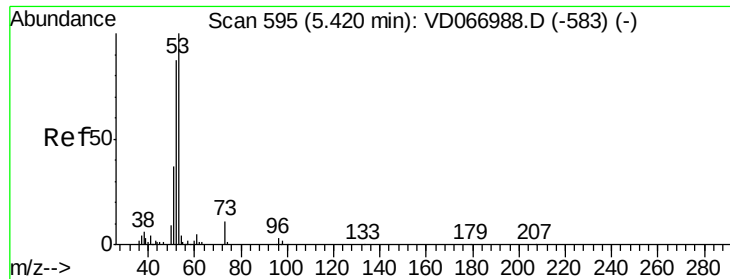


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 207.792 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Instrument :

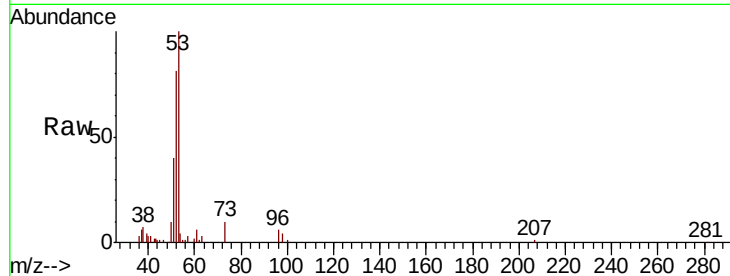
MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 119650

Ion	Ratio	Lower	Upper
53	100		
52	81.3	67.3	100.9
51	39.4	30.2	45.2

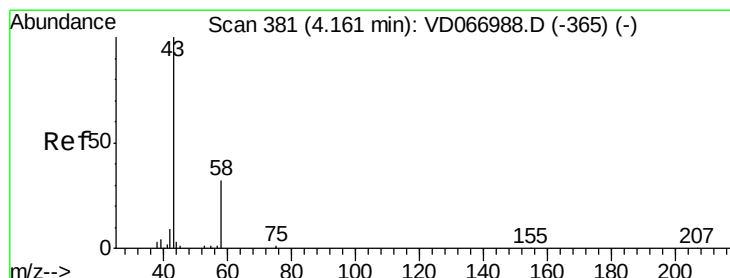
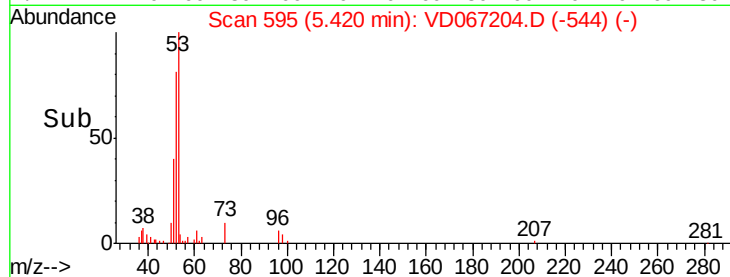
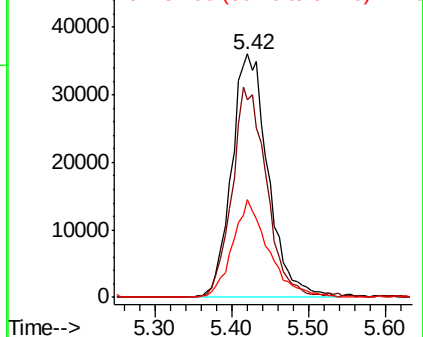


Abundance

Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 259.765 ug/l

RT: 4.15 min Scan# 379

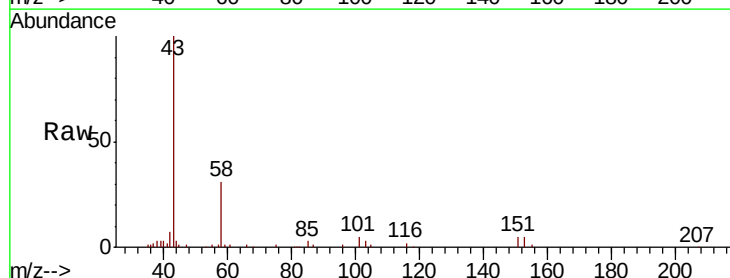
Delta R.T. -0.01 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Tgt Ion: 43 Resp: 135824

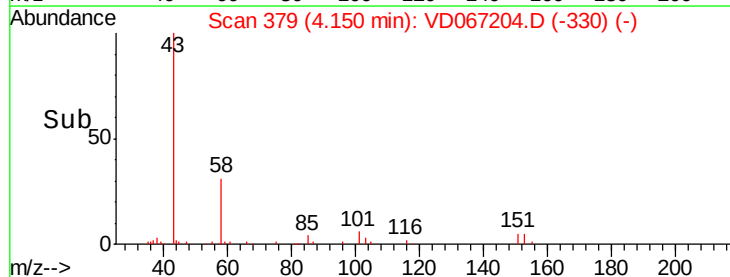
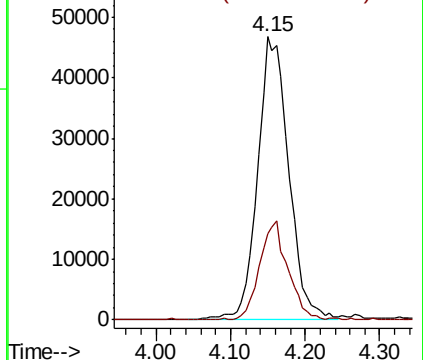
Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.9	38.9

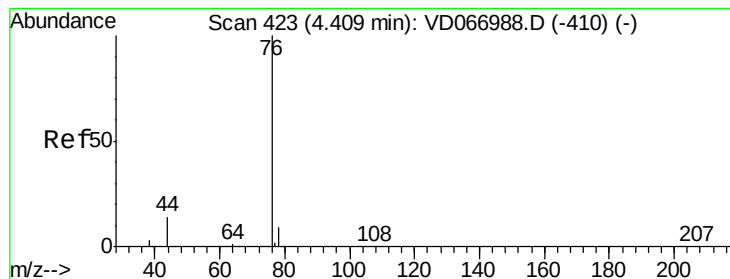


Abundance

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 43.903 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

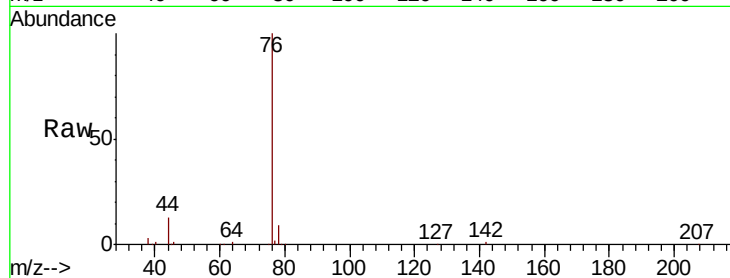
VSTDCCC050

Tot Ion: 76 Resp: 451677

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

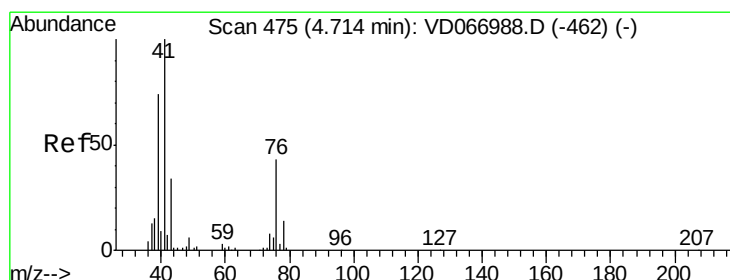
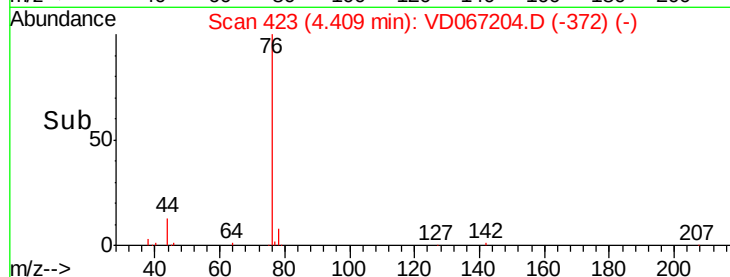
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 40.077 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067204.D

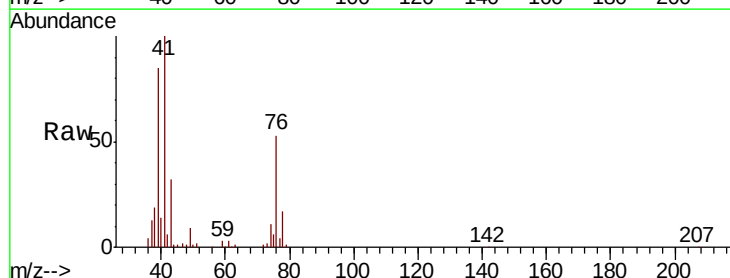
Acq: 09 Oct 2020 11:06

Tgt Ion: 43 Resp: 52667

Ion Ratio Lower Upper

43 100

74 31.3 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.72

20000

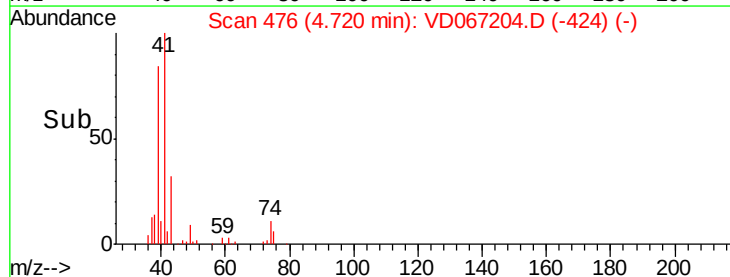
15000

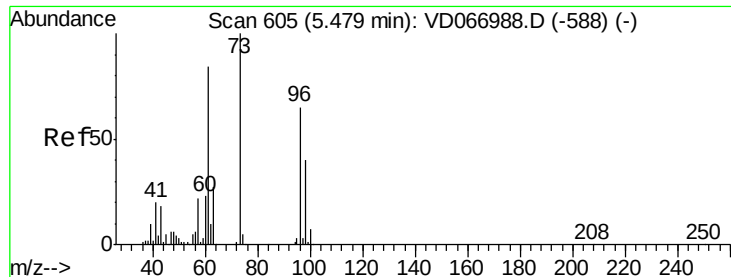
10000

5000

0

Time-->

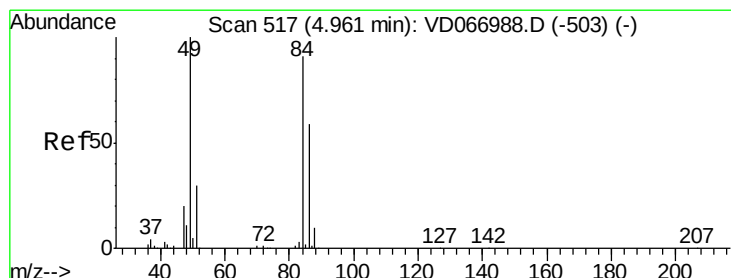
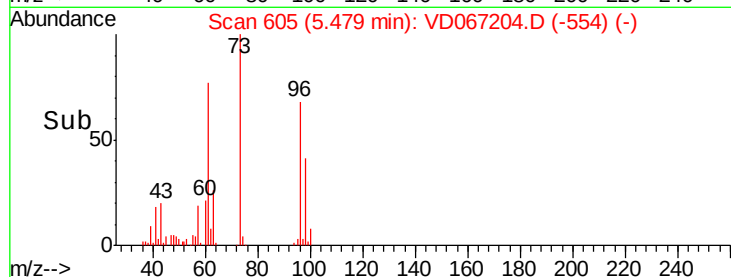
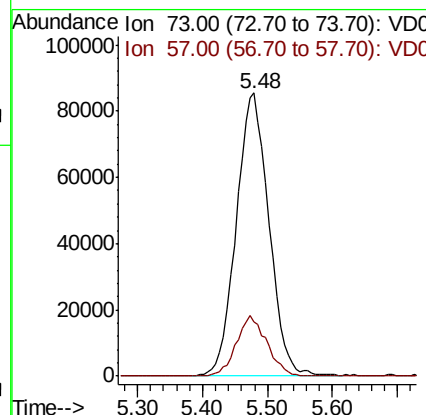
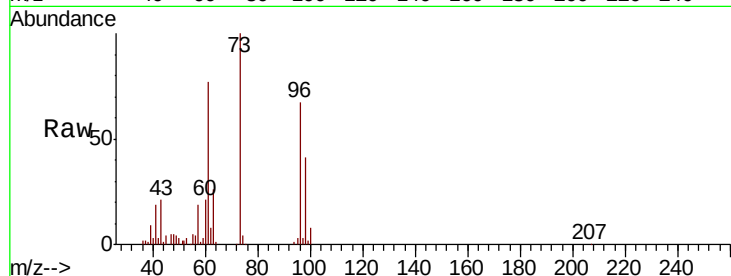




#19
Methyl tert-butyl Ether
Concen: 48.525 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

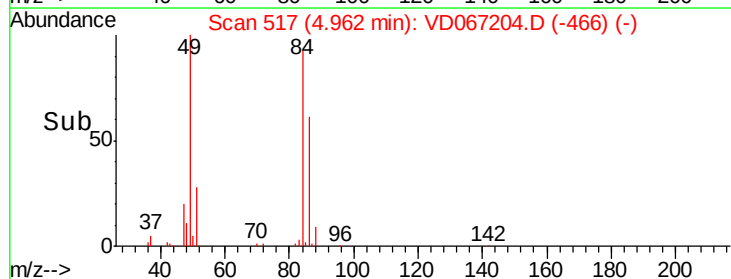
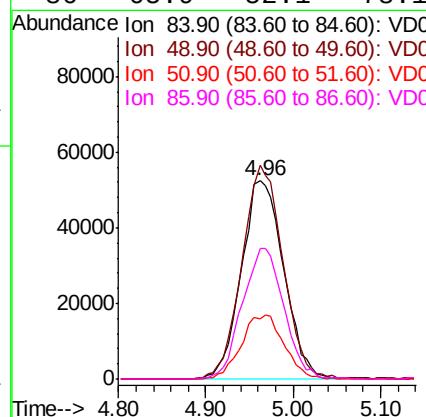
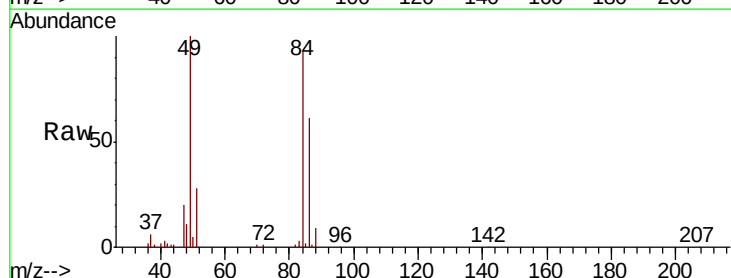
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

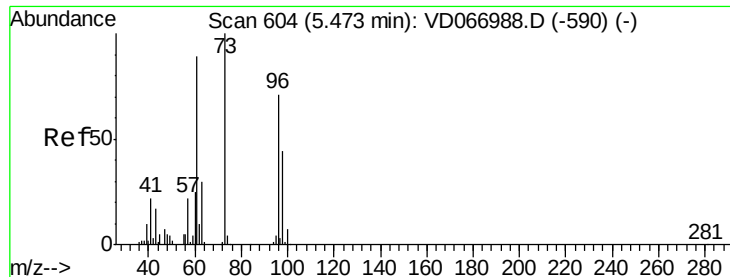
Tot Ion: 73 Resp: 296961
Ion Ratio Lower Upper
73 100
57 19.2 17.4 26.0



#20
Methylene Chloride
Concen: 46.059 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Tgt Ion: 84 Resp: 173026
Ion Ratio Lower Upper
84 100
49 107.9 88.2 132.2
51 30.3 26.6 39.8
86 65.9 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 47.706 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

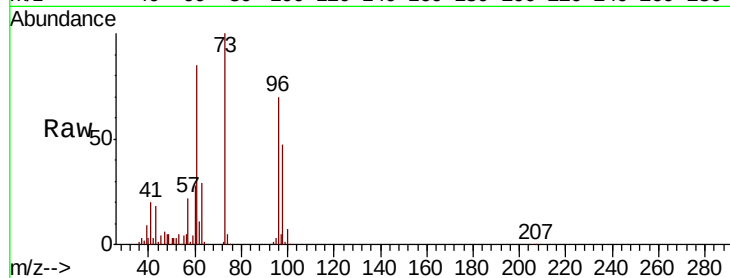
Tot Ion: 96 Resp: 182002

Ion Ratio Lower Upper

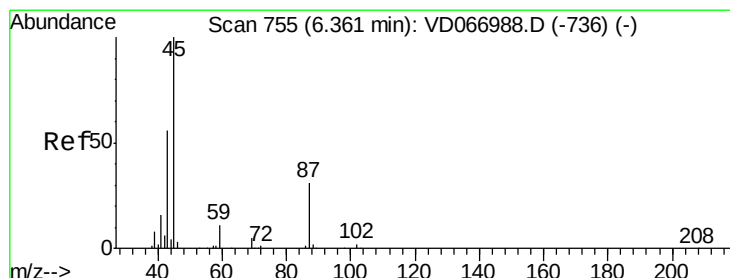
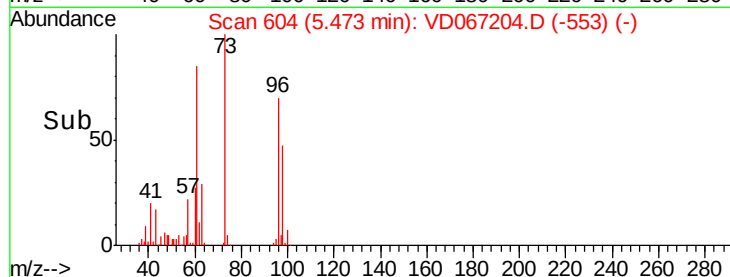
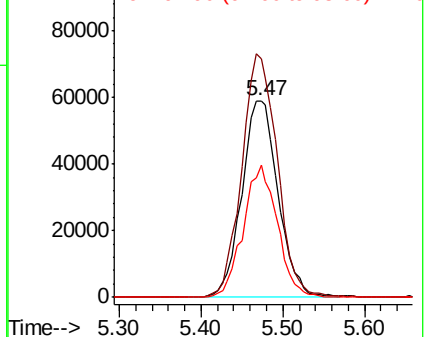
96 100

61 121.4 99.6 149.4

98 67.1 49.4 74.2



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



#22

Diisopropyl ether

Concen: 41.442 ug/l

RT: 6.37 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Tgt Ion: 45 Resp: 329488

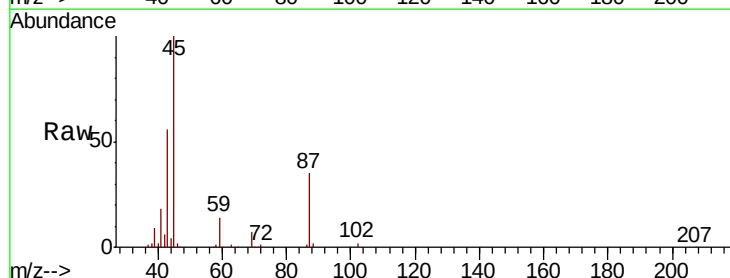
Ion Ratio Lower Upper

45 100

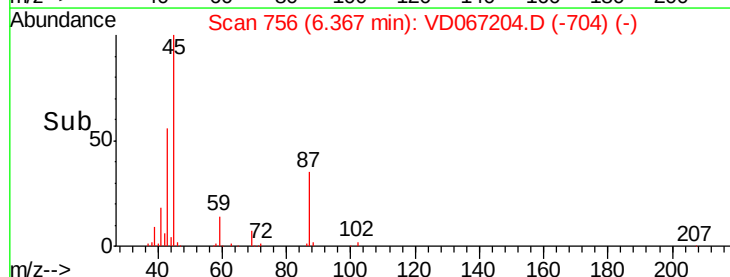
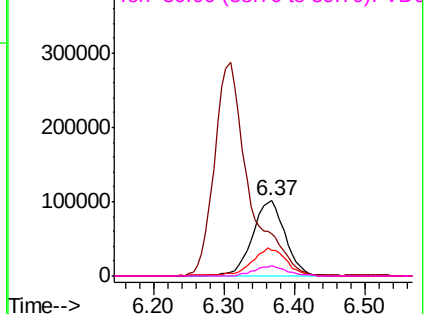
43 55.1 45.2 67.8

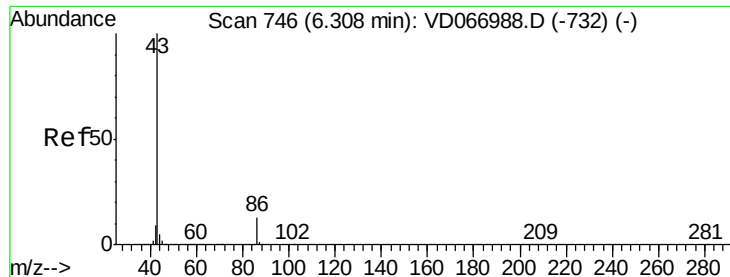
87 34.5 25.6 38.4

59 13.4 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC

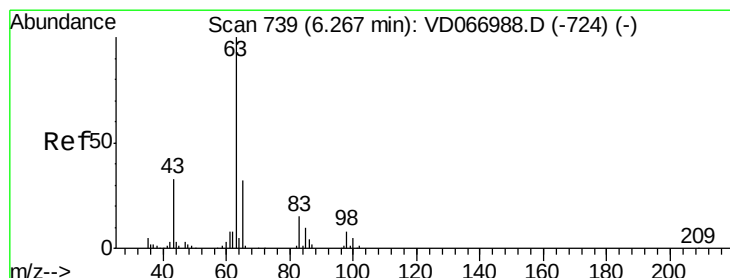
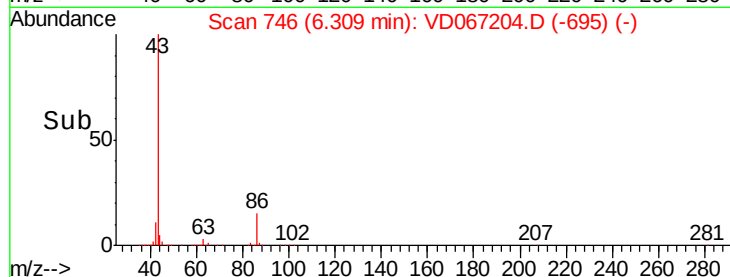
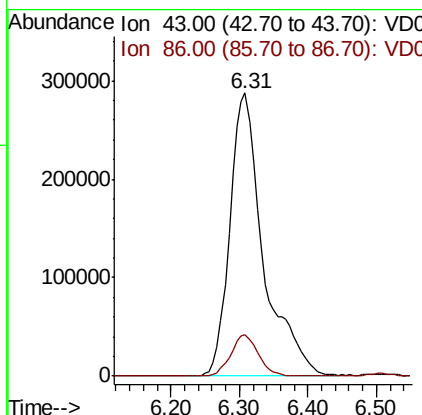
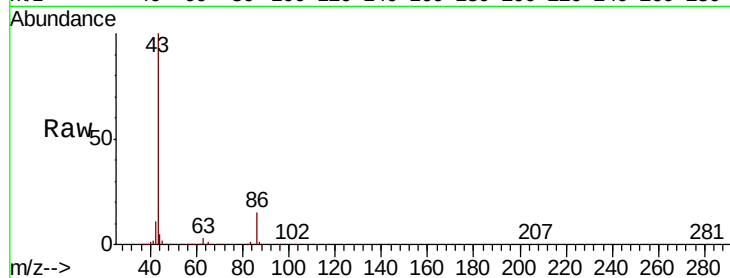




#23
 Vinyl Acetate
 Concen: 216.370 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

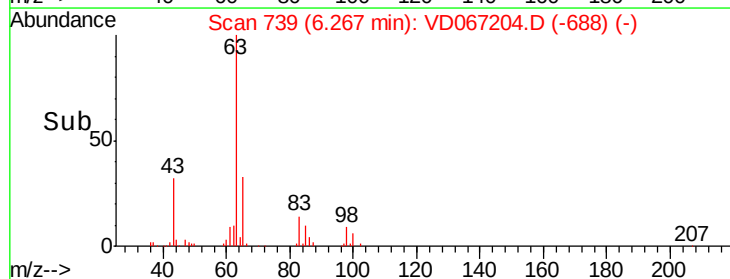
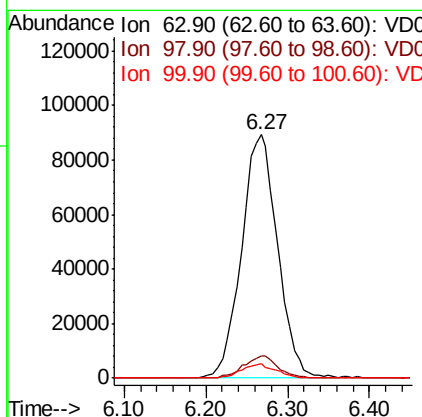
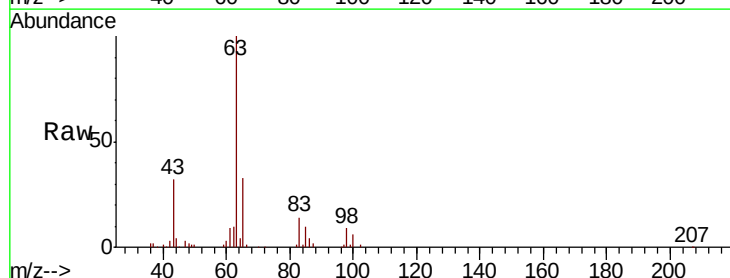
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

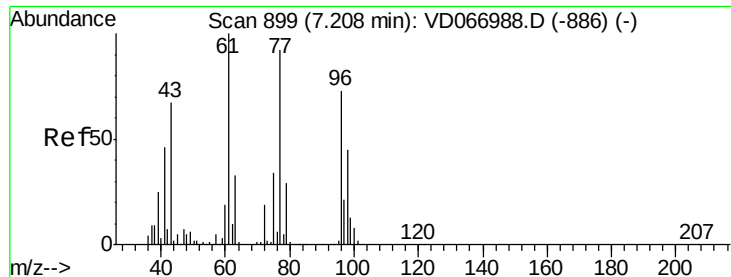
Tot Ion: 43 Resp: 974809
 Ion Ratio Lower Upper
 43 100
 86 14.7 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 44.647 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

Tgt Ion: 63 Resp: 273946
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.2 12.6
 100 5.8 2.6 7.8

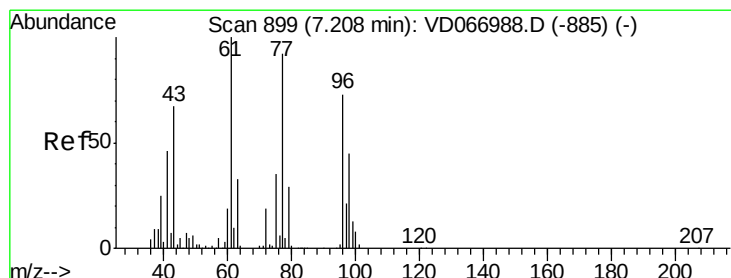
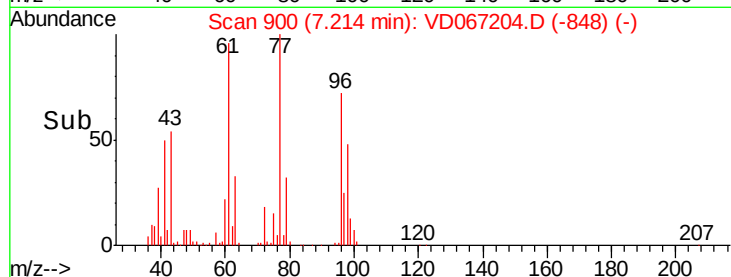
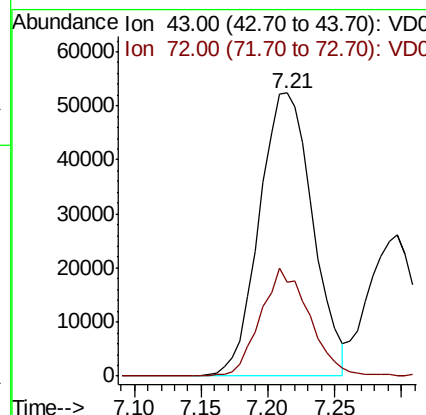
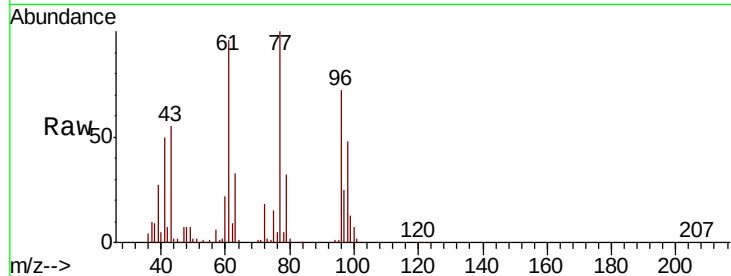




#25
2-Butanone
Concen: 196.131 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

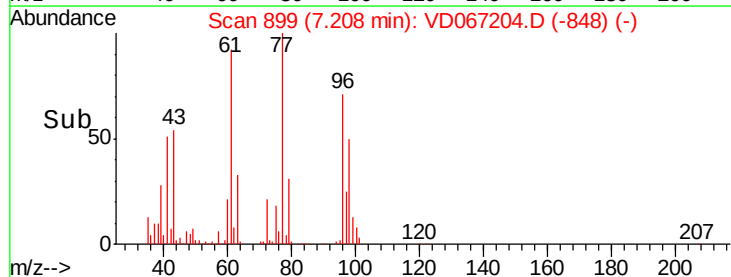
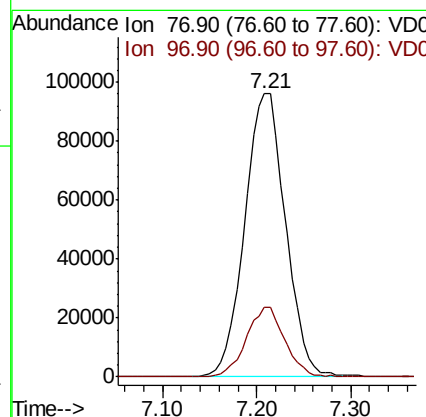
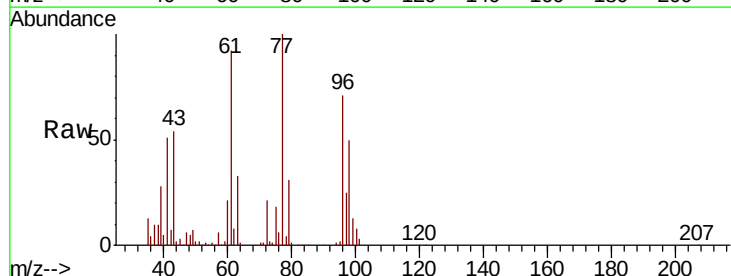
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

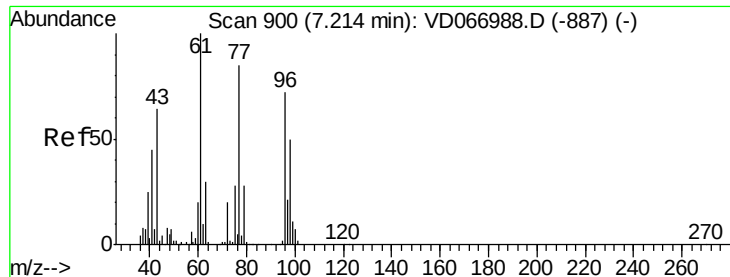
Tot Ion: 43 Resp: 145394
Ion Ratio Lower Upper
43 100
72 33.4 22.8 34.2



#26
2,2-Dichloropropane
Concen: 55.420 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Tgt Ion: 77 Resp: 288430
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 47.180 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

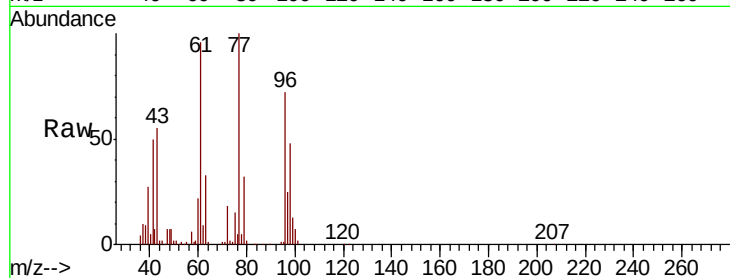
Tot Ion: 96 Resp: 192233

Ion Ratio Lower Upper

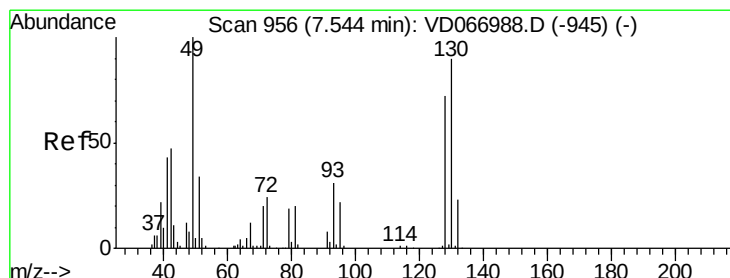
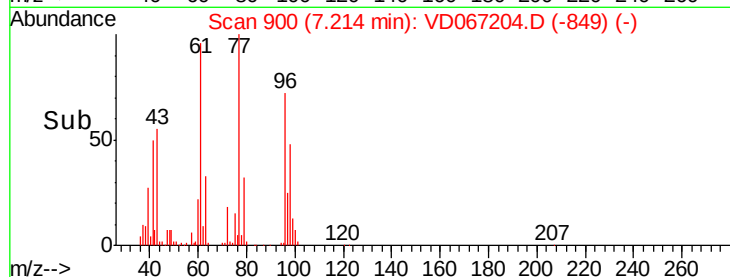
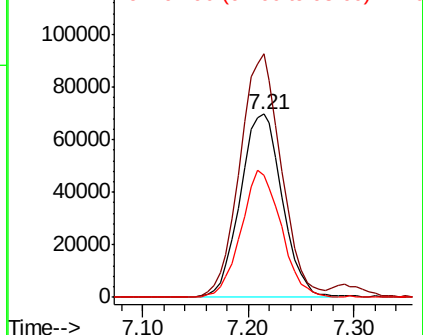
96 100

61 131.4 0.0 269.2

98 66.0 0.0 129.4



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



#28

Bromochloromethane

Concen: 39.799 ug/l

RT: 7.54 min Scan# 956

Delta R.T. 0.00 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

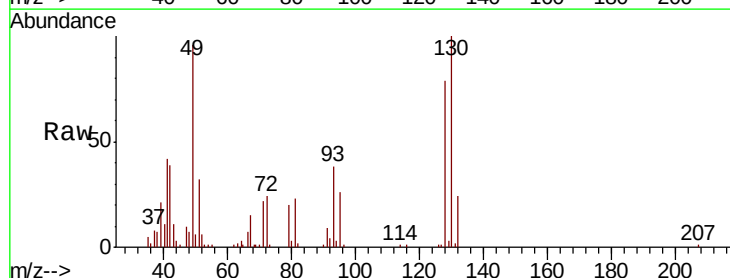
Tgt Ion: 49 Resp: 94306

Ion Ratio Lower Upper

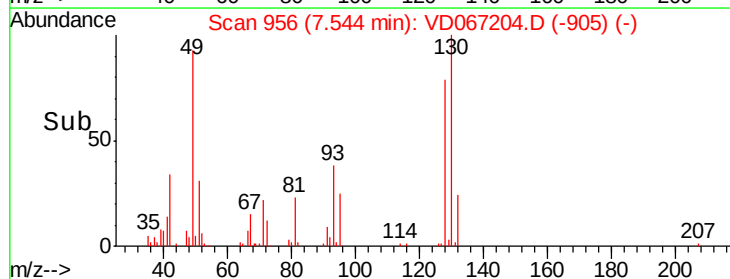
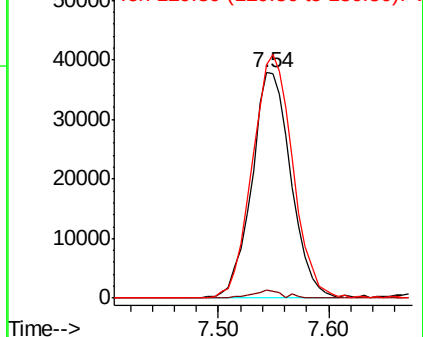
49 100

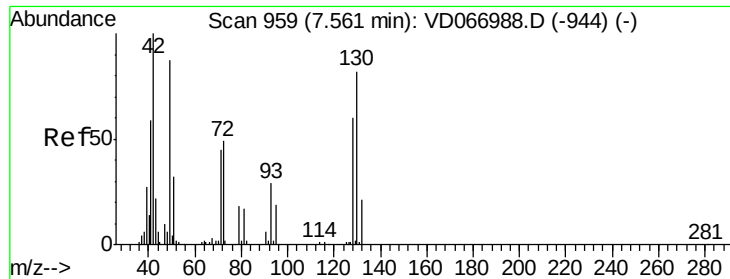
129 2.7 0.0 4.6

130 111.2 74.1 111.1#



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

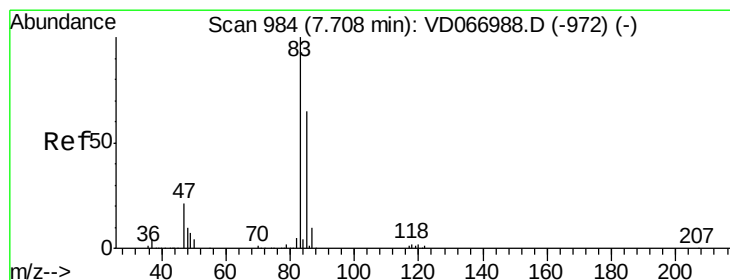
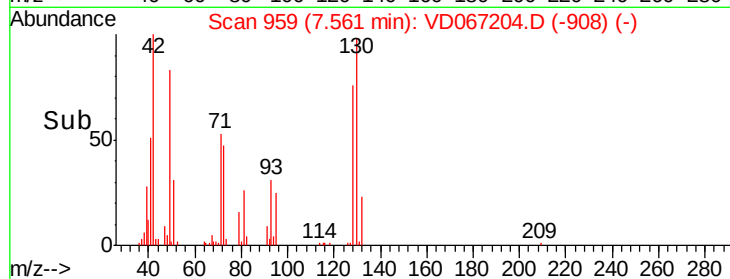
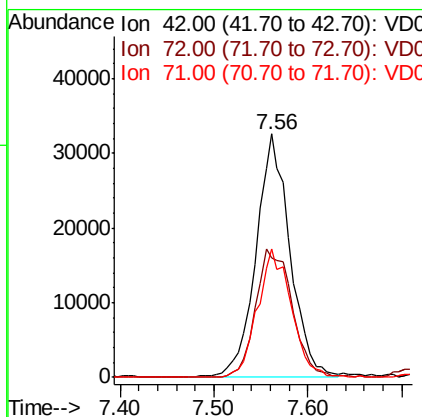
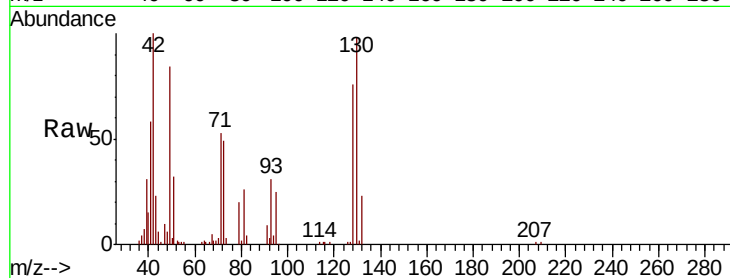




#29
Tetrahydrofuran
Concen: 191.001 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

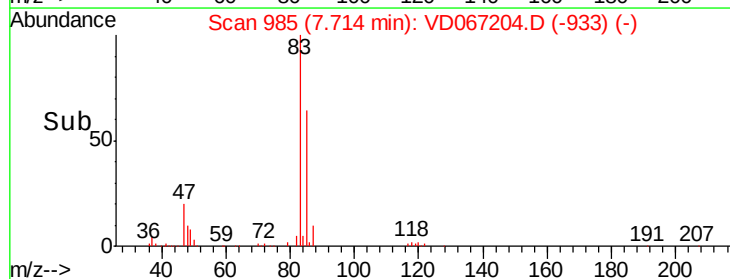
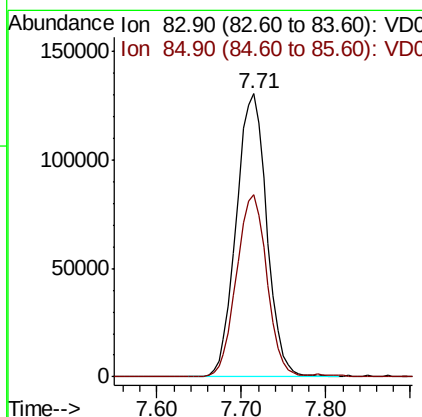
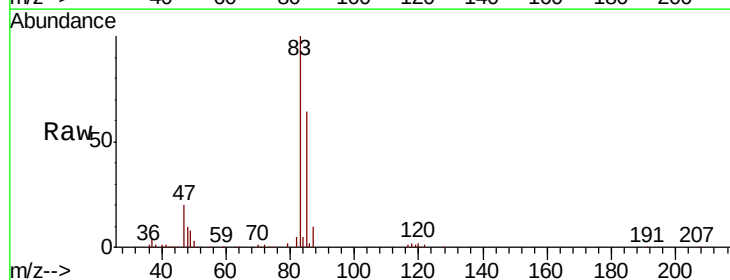
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

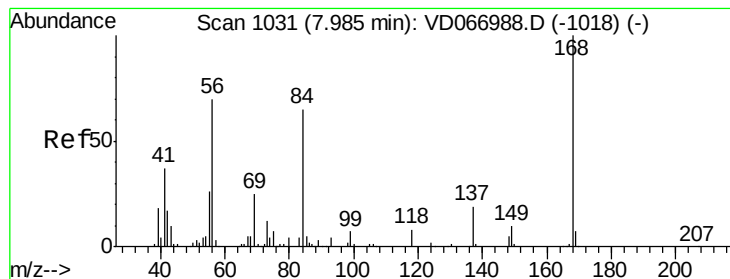
Tot Ion: 42 Resp: 81414
Ion Ratio Lower Upper
42 100
72 56.3 39.1 58.7
71 52.4 34.2 51.4#



#30
Chloroform
Concen: 49.119 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Tgt Ion: 83 Resp: 326937
Ion Ratio Lower Upper
83 100
85 64.2 52.3 78.5





#31

Cyclohexane

Concen: 41.341 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

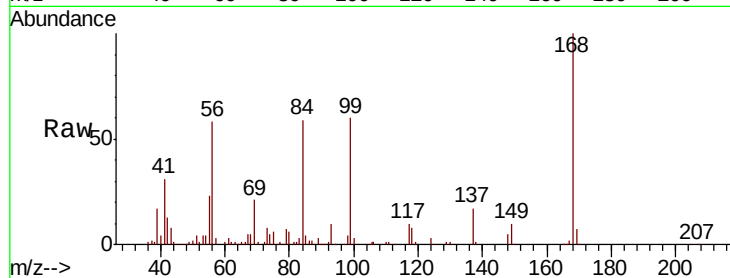
Tot Ion: 56 Resp: 212662

Ion Ratio Lower Upper

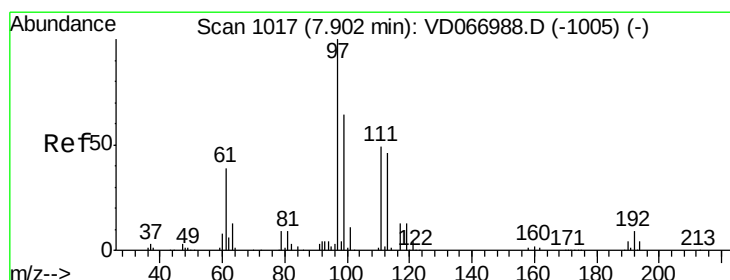
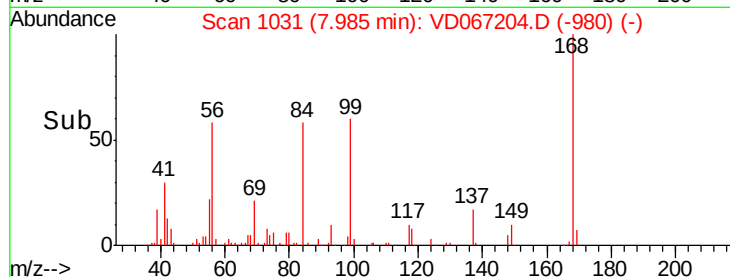
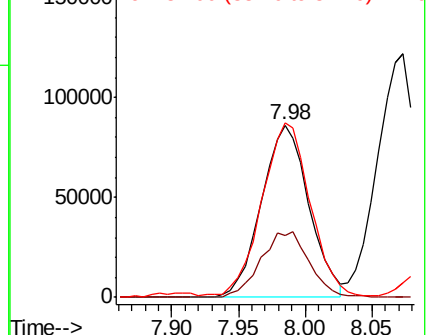
56 100

69 36.1 29.0 43.6

84 98.9 74.2 111.2



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 52.904 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

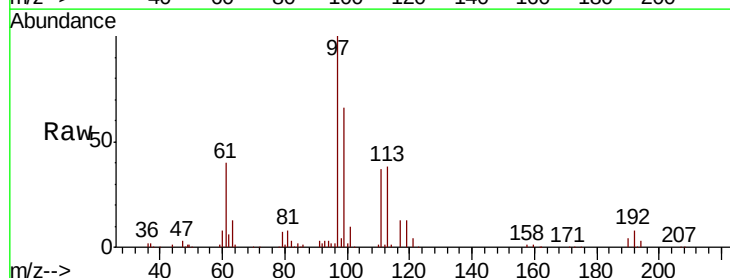
Tgt Ion: 97 Resp: 326343

Ion Ratio Lower Upper

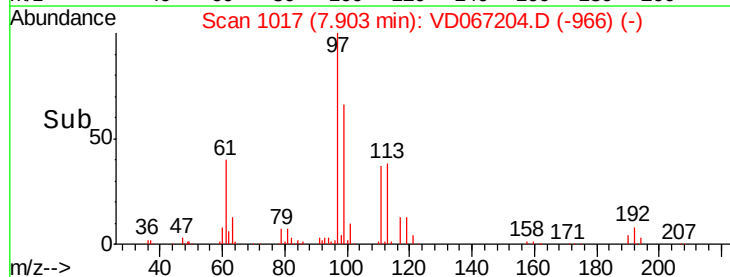
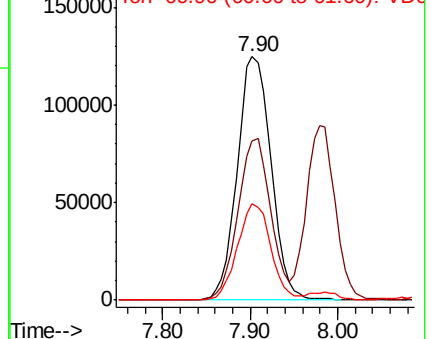
97 100

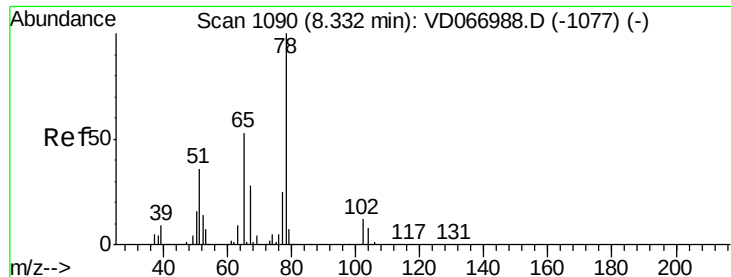
99 64.3 52.6 78.8

61 39.3 32.8 49.2



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

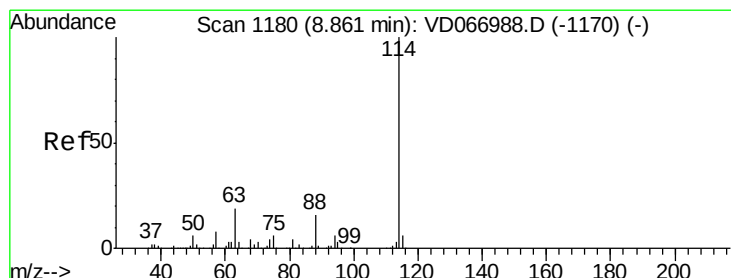
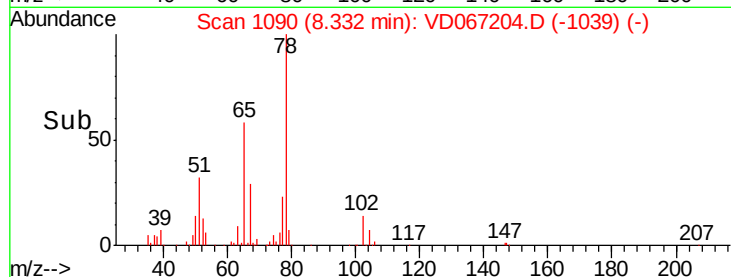
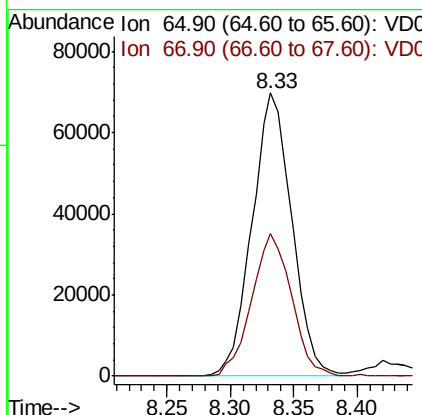
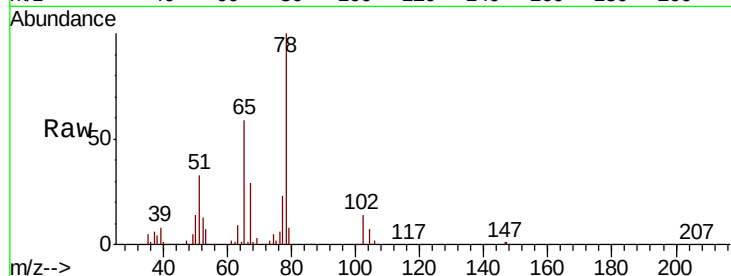




#33
 1,2-Dichloroethane-d4
 Concen: 44.535 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

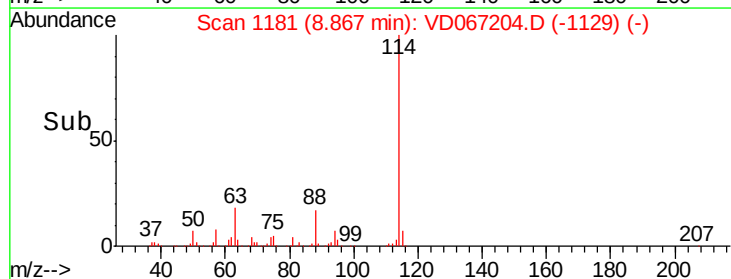
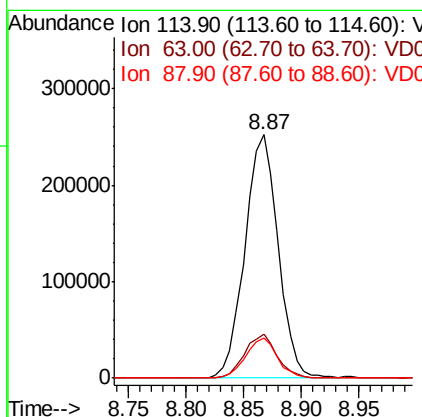
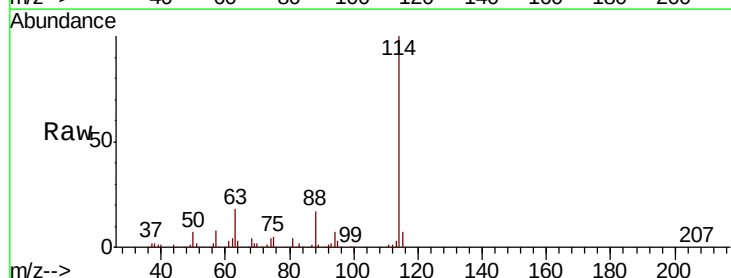
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

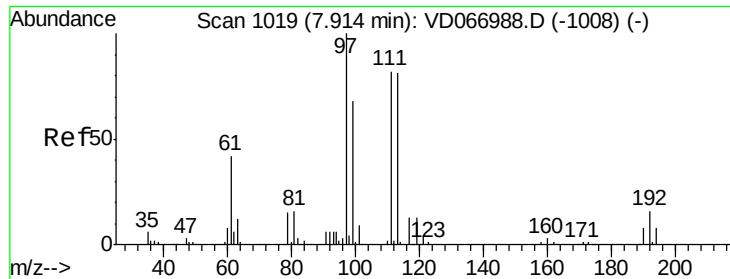
Tot Ion: 65 Resp: 152546
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

Tgt Ion: 114 Resp: 506925
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.4
 88 16.7 0.0 31.2

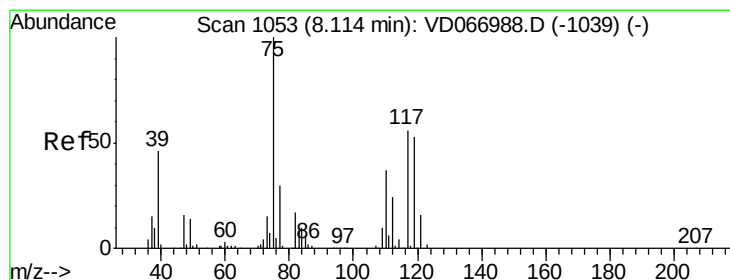
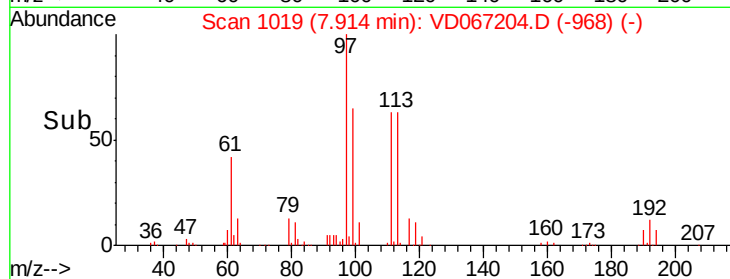
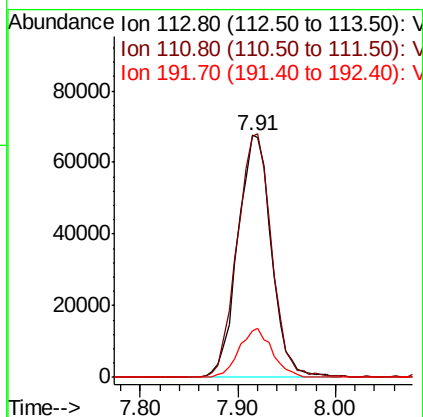
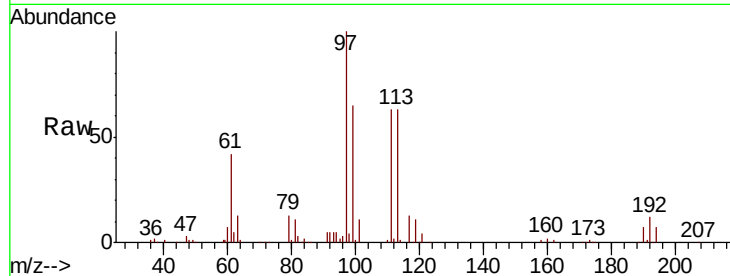




#35
 Dibromofluoromethane
 Concen: 49.133 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

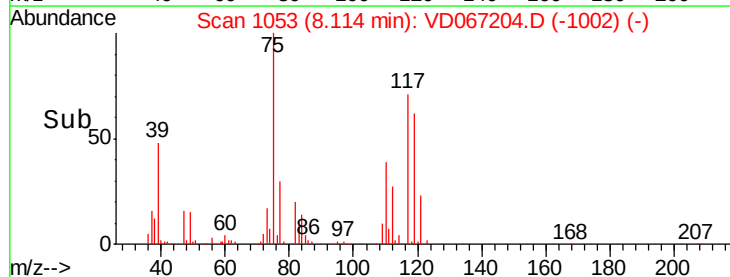
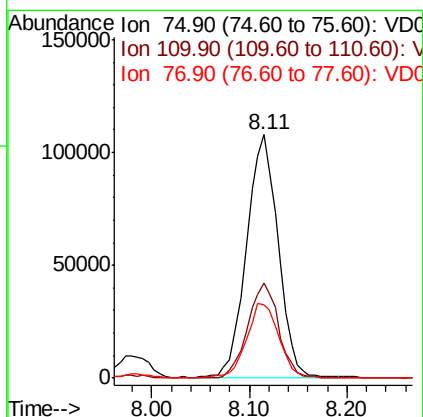
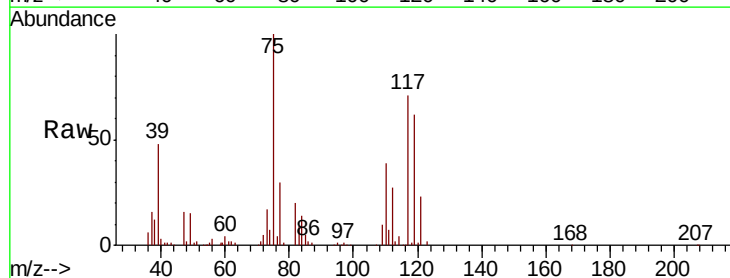
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

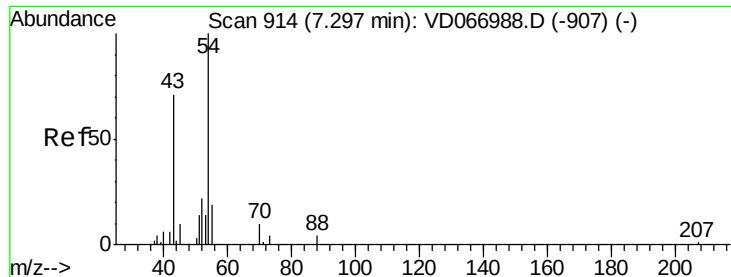
Tot Ion:113 Resp: 163061
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.0 124.4
 192 19.9 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 51.306 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

Tgt Ion: 75 Resp: 242425
 Ion Ratio Lower Upper
 75 100
 110 38.4 18.4 55.0
 77 31.9 24.8 37.2

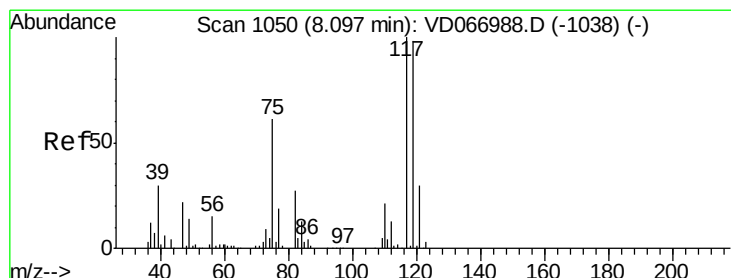
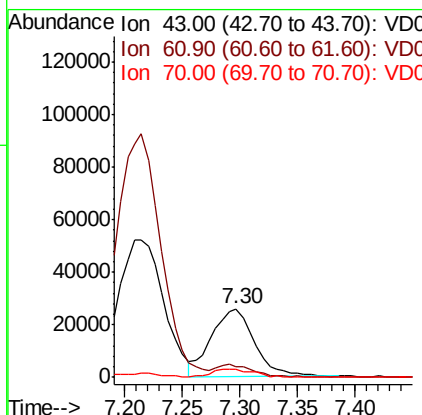
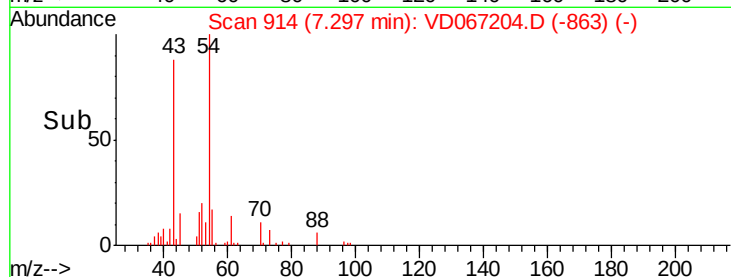
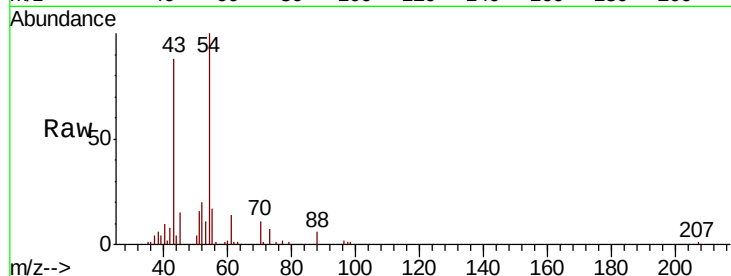




#37
Ethyl Acetate
Concen: 40.765 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

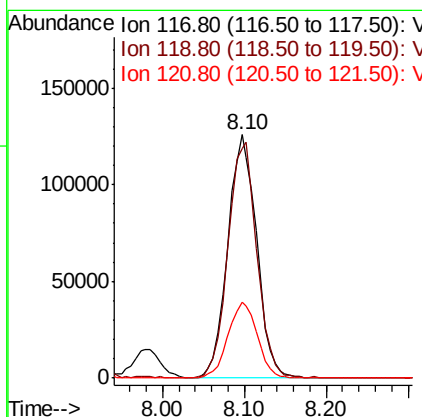
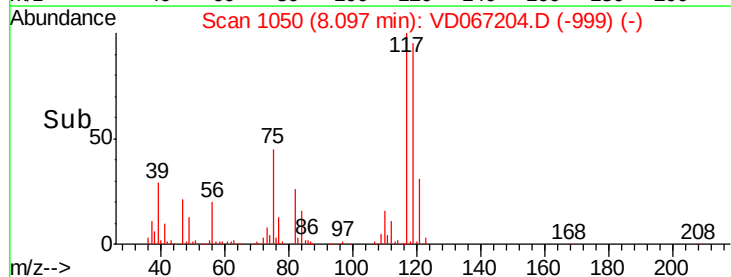
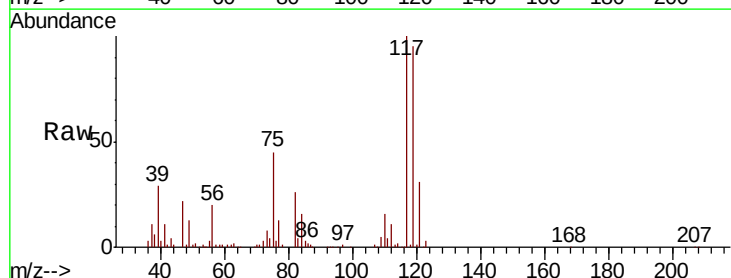
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

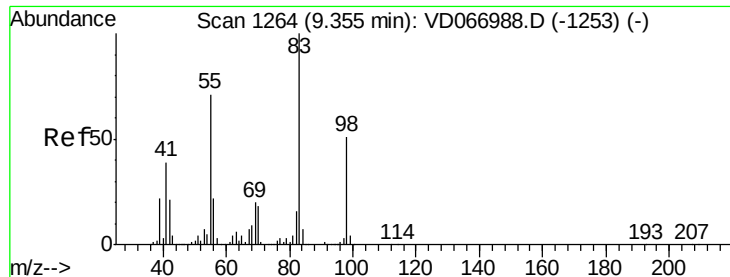
Tot Ion: 43 Resp: 66729
Ion Ratio Lower Upper
43 100
61 15.4 12.5 18.7
70 12.3 9.4 14.0



#38
Carbon Tetrachloride
Concen: 60.192 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Tgt Ion: 117 Resp: 307729
Ion Ratio Lower Upper
117 100
119 94.7 78.7 118.1
121 31.5 24.2 36.2

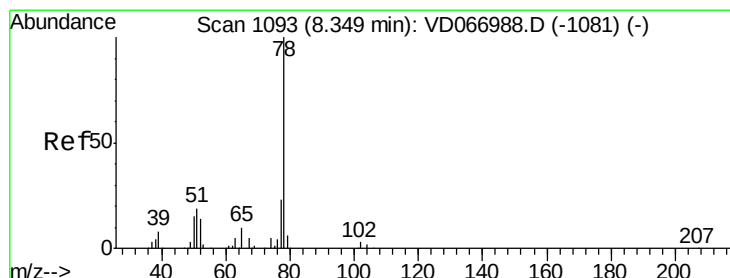
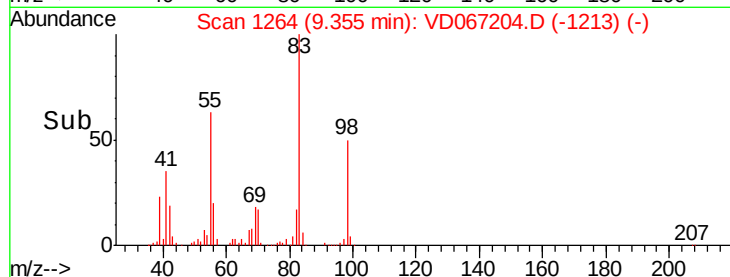
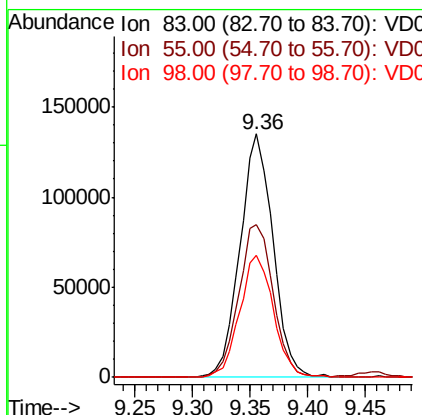
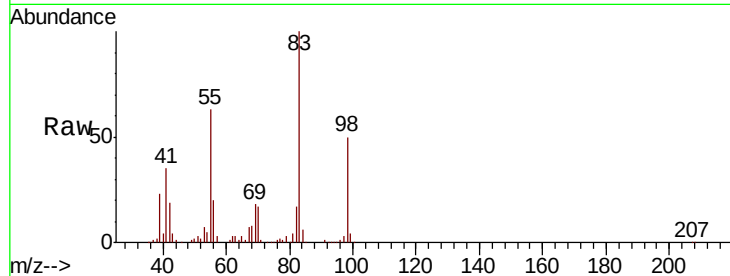




#39
Methylvlcyclohexane
Concen: 53.891 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

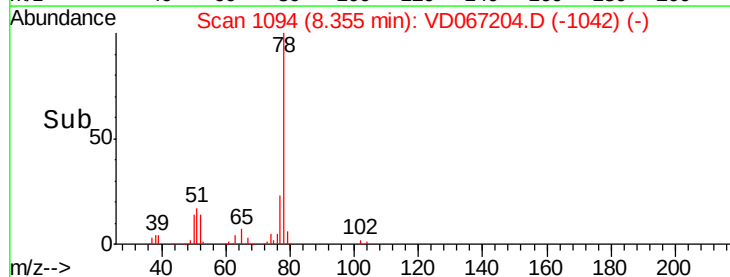
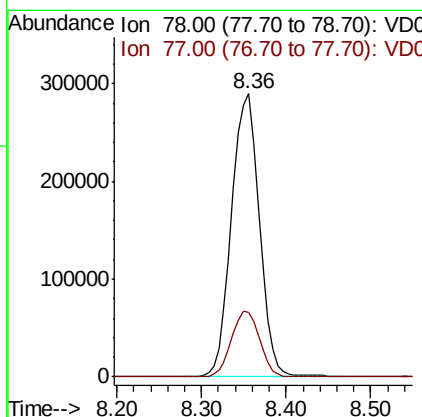
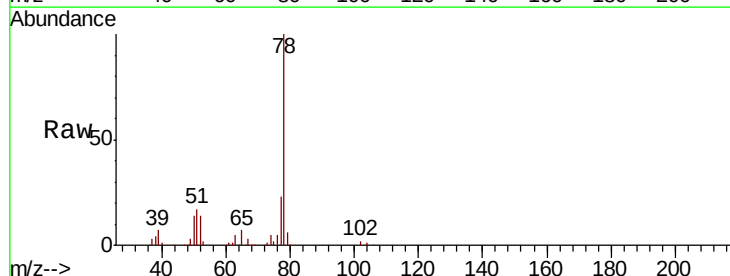
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

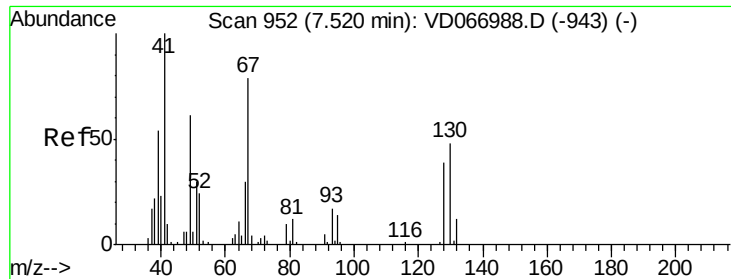
Tot Ion: 83 Resp: 269215
Ion Ratio Lower Upper
83 100
55 62.9 57.1 85.7
98 50.3 40.9 61.3



#40
Benzene
Concen: 50.270 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Tgt Ion: 78 Resp: 659756
Ion Ratio Lower Upper
78 100
77 22.9 18.4 27.6

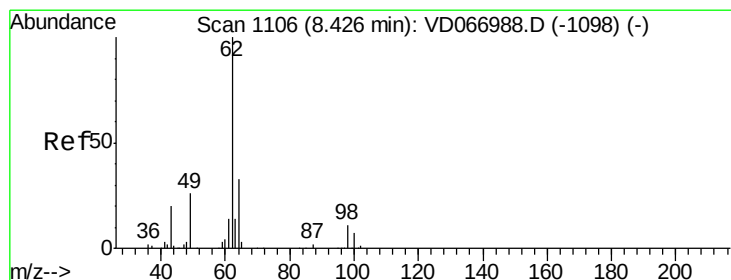
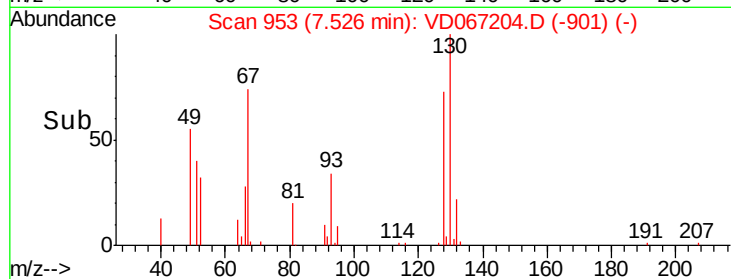
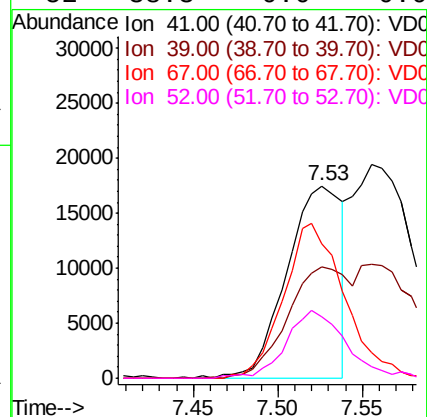
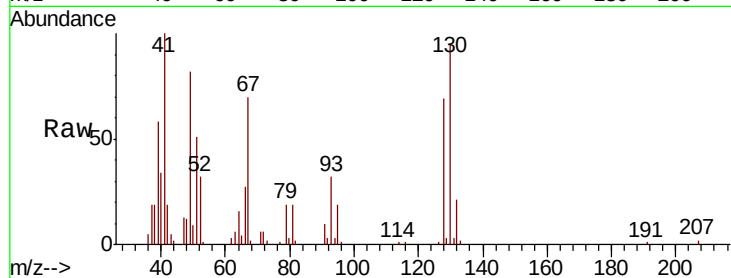




#41
Methacrylonitrile
Concen: 44.803 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

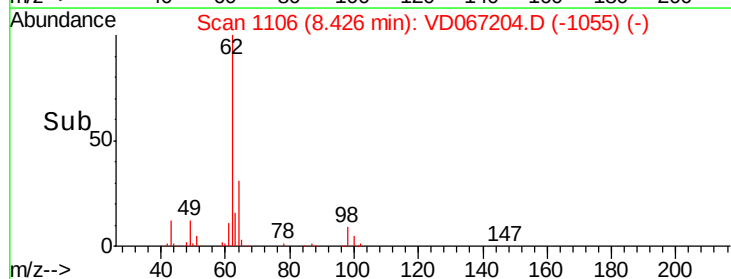
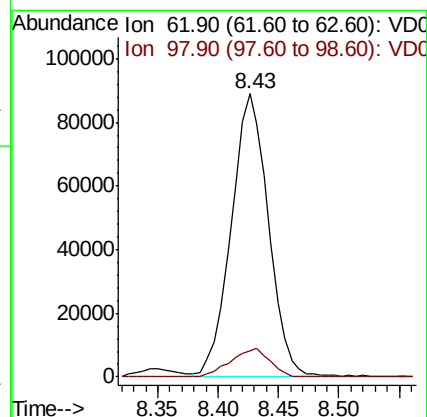
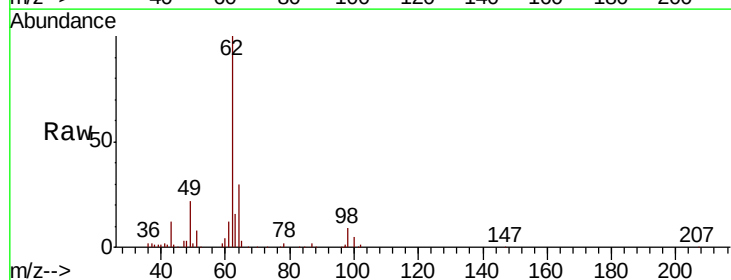
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

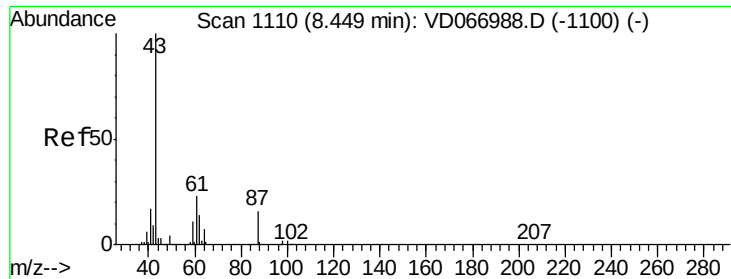
Tot Ion:	41	Resp:	39621
Ion	Ratio	Lower	Upper
41	100		
39	65.5	0.0	0.0#
67	88.7	0.0	0.0#
52	38.3	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 51.658 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Tgt Ion:	62	Resp:	189446
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	22.6





#43

Isopropyl Acetate

Concen: 44.828 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

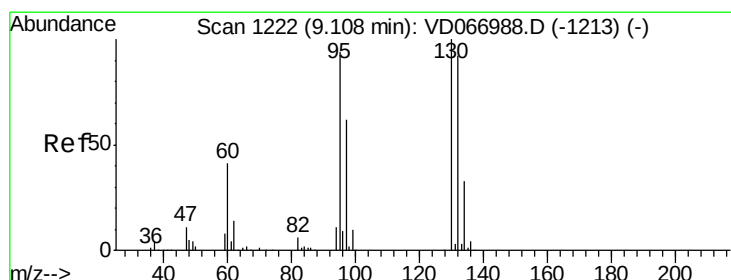
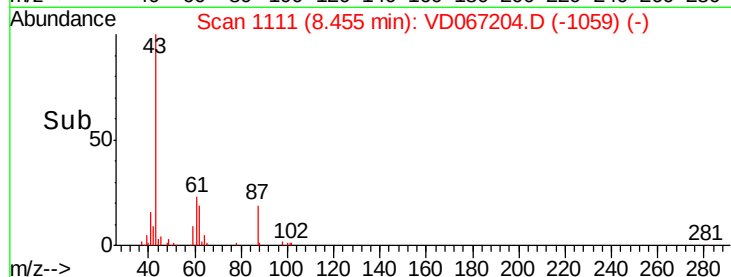
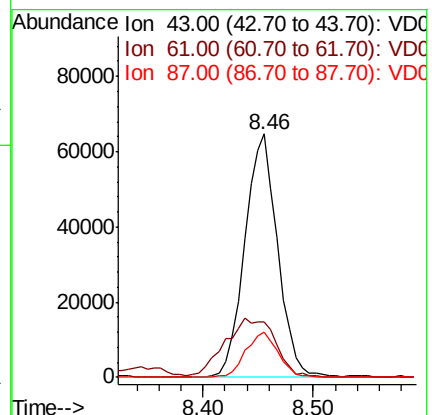
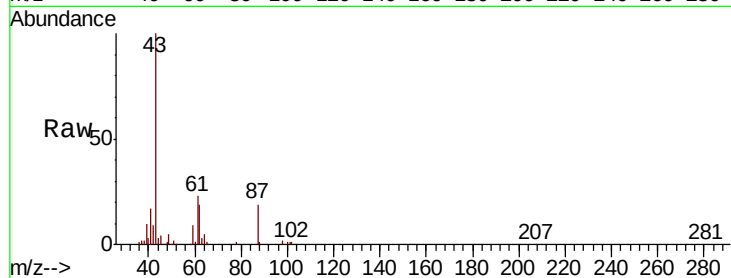
Tot Ion: 43 Resp: 135180

Ion Ratio Lower Upper

43 100

61 37.2 27.1 40.7

87 18.2 12.3 18.5



#44

Trichloroethene

Concen: 53.632 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD067204.D

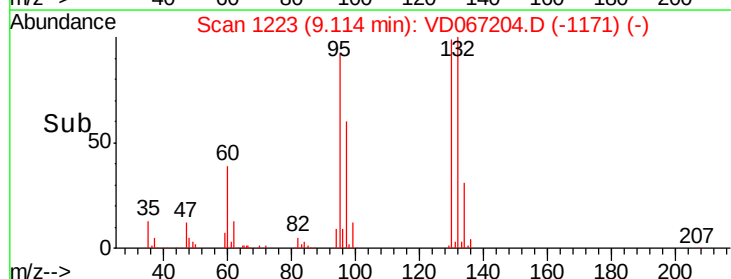
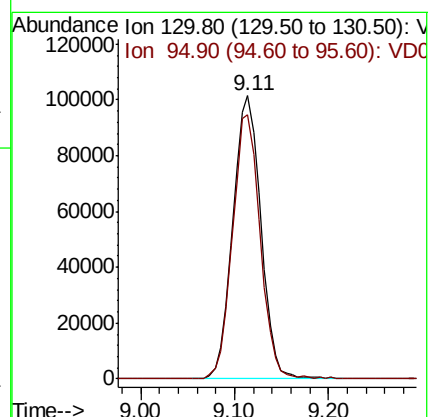
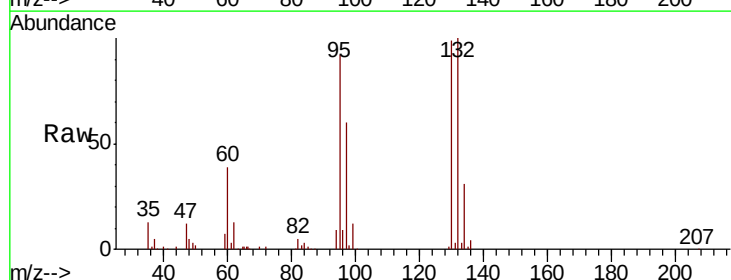
Acq: 09 Oct 2020 11:06

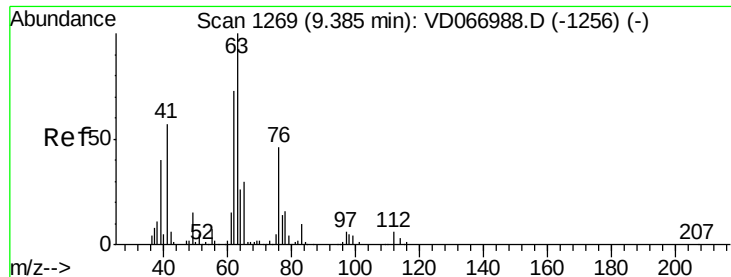
Tgt Ion:130 Resp: 210183

Ion Ratio Lower Upper

130 100

95 93.3 0.0 187.8

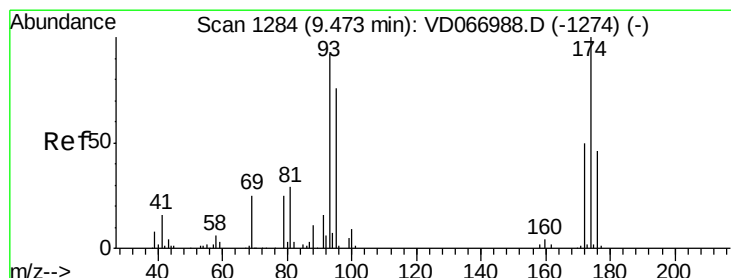
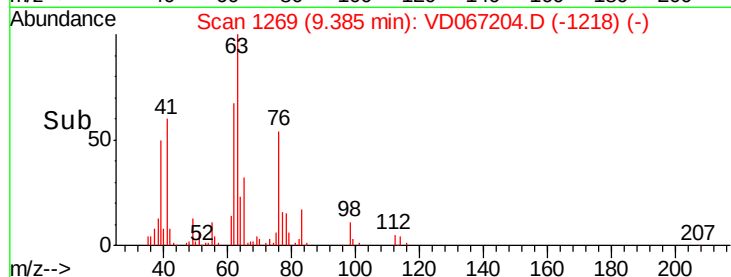
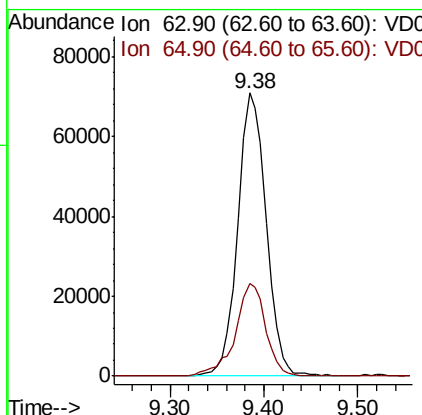
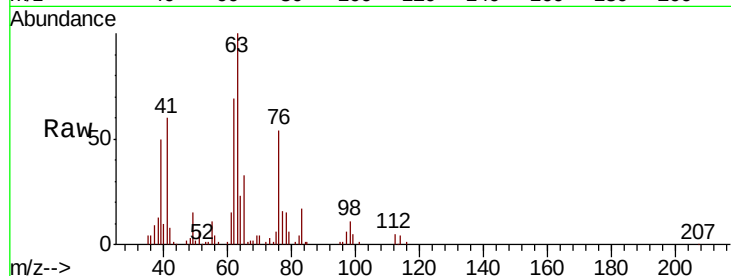




#45
 1,2-Dichloropropane
 Concen: 48.330 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

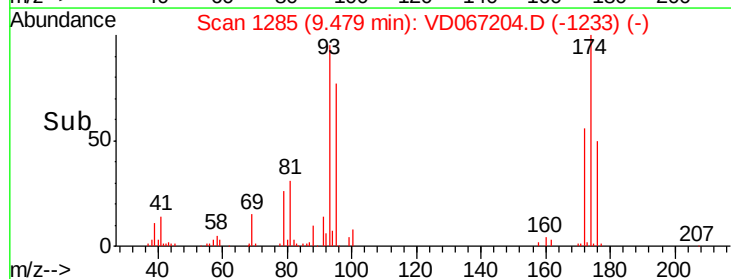
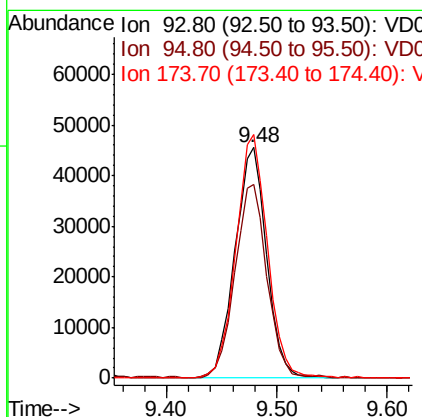
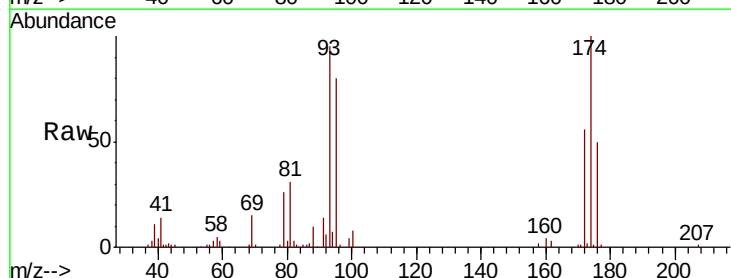
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

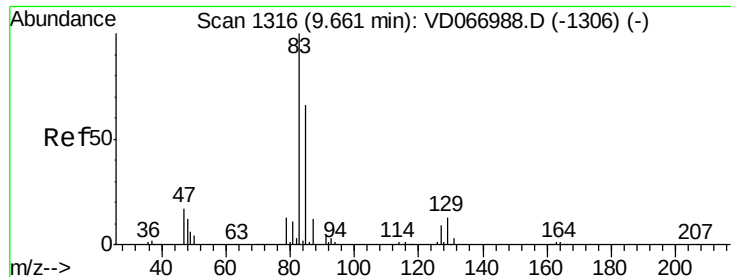
Tot Ion: 63 Resp: 149036
 Ion Ratio Lower Upper
 63 100
 65 32.8 23.7 35.5



#46
 Dibromomethane
 Concen: 51.696 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

Tgt Ion: 93 Resp: 91623
 Ion Ratio Lower Upper
 93 100
 95 84.7 64.7 97.1
 174 105.8 81.4 122.2

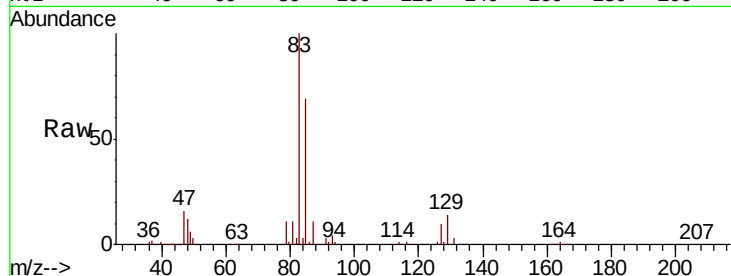




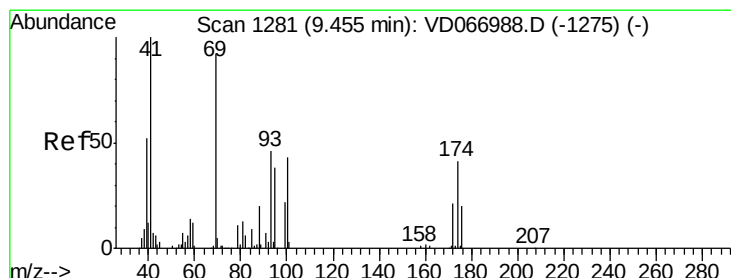
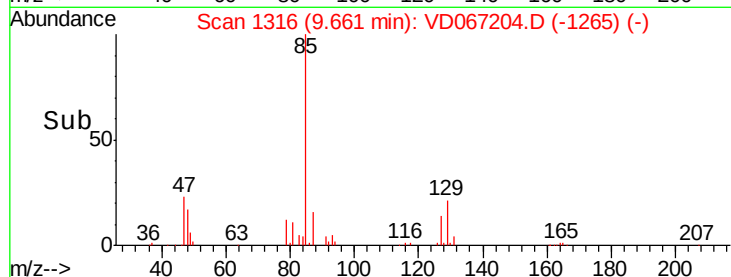
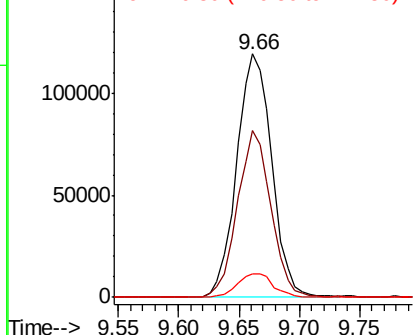
#47
Bromodichloromethane
Concen: 52.459 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 241684
Ion Ratio Lower Upper
83 100
85 68.6 52.9 79.3
127 9.9 7.3 10.9

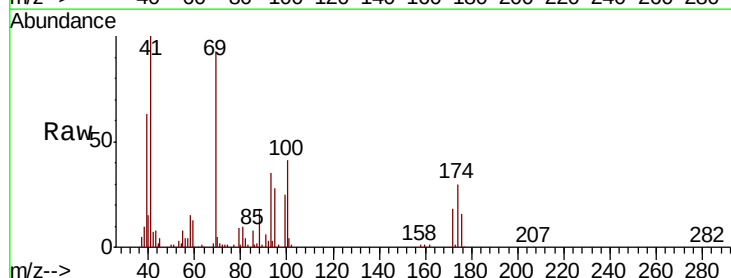


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

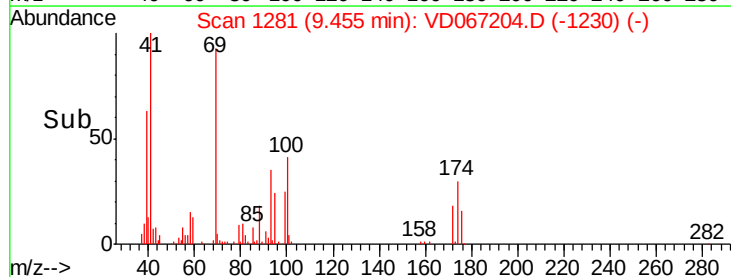
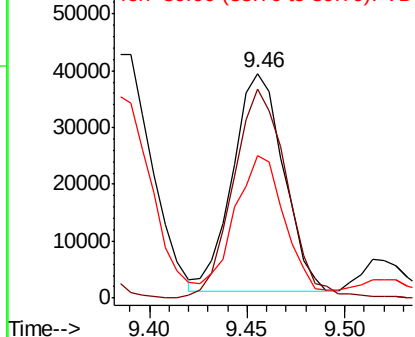


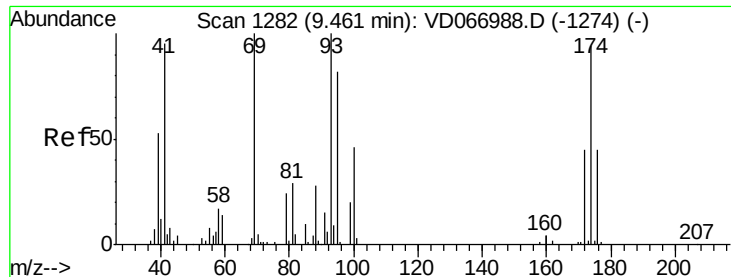
#48
Methyl methacrylate
Concen: 44.768 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Tgt Ion: 41 Resp: 69162
Ion Ratio Lower Upper
41 100
69 101.2 68.5 102.7
39 58.8 40.2 60.2



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

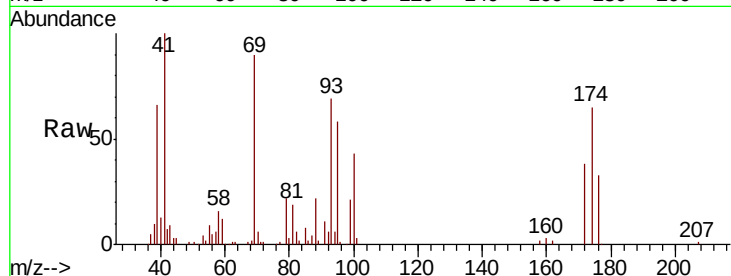




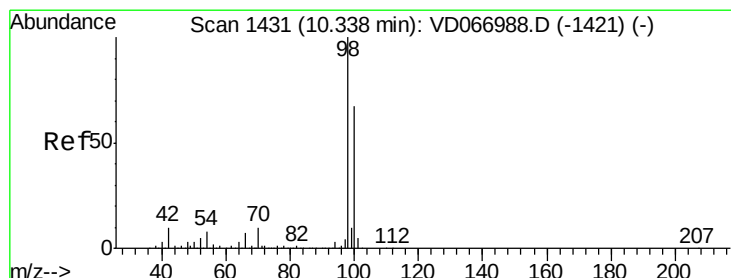
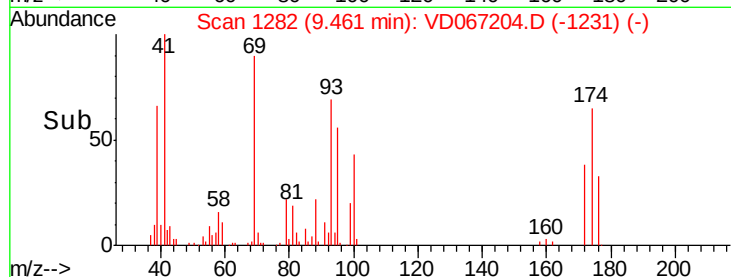
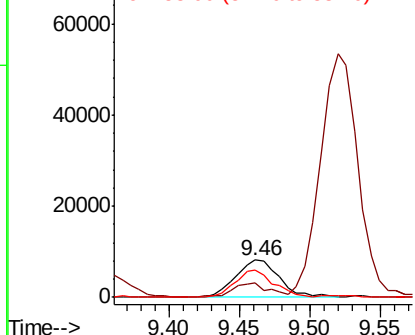
#49
1,4-Dioxane
Concen: 960.496 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 17767
Ion Ratio Lower Upper
88 100
43 32.7 25.6 38.4
58 64.6 53.5 80.3

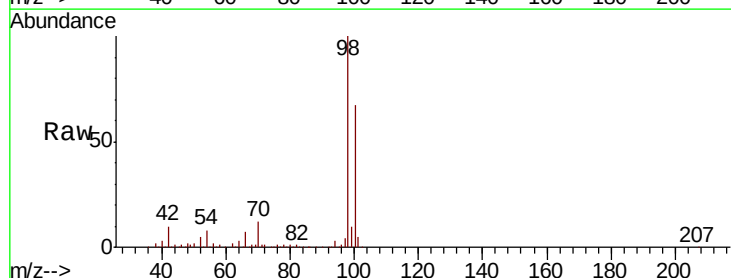


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

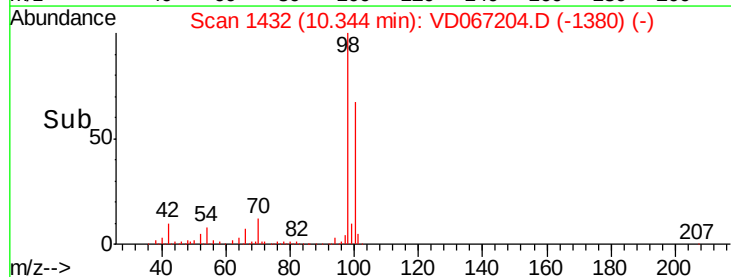
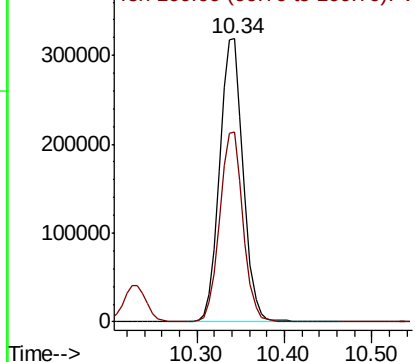


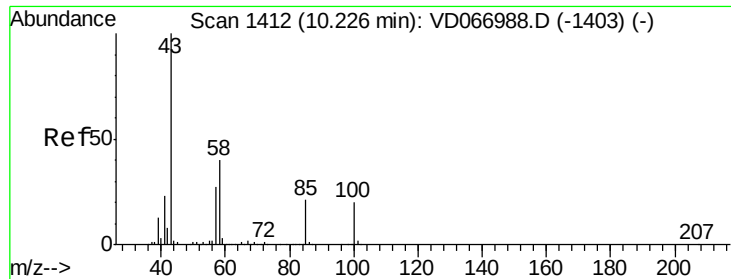
#50
Toluene-d8
Concen: 49.031 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Tgt Ion: 98 Resp: 592935
Ion Ratio Lower Upper
98 100
100 66.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

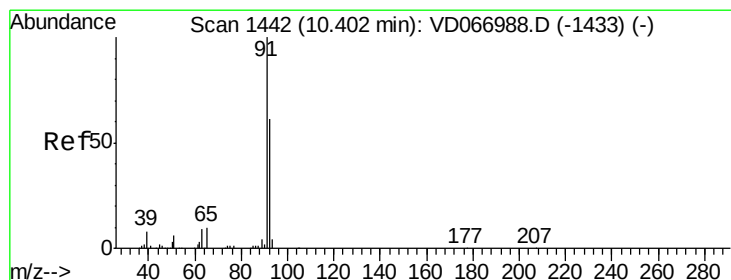
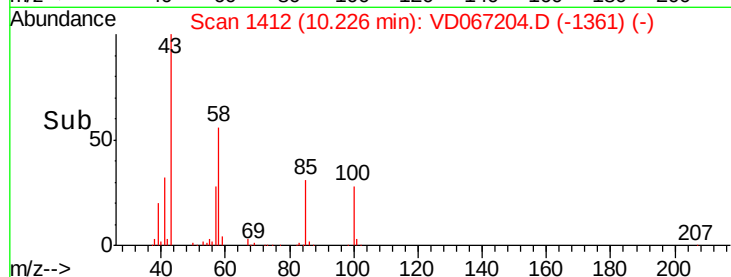
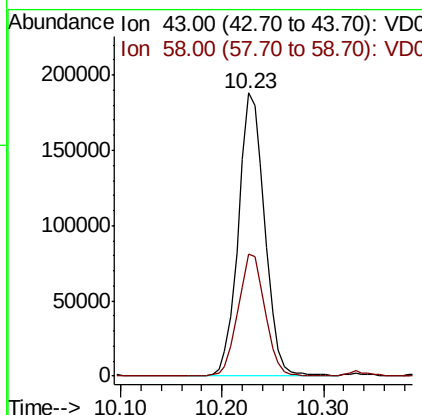
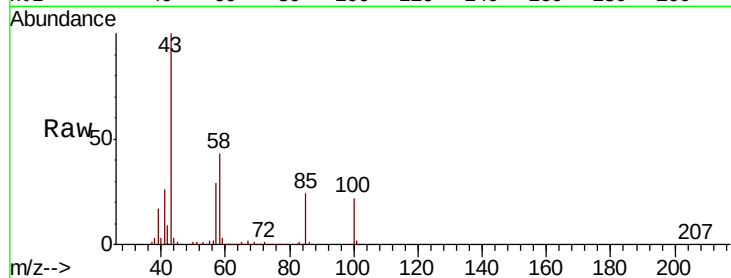




#51
 4-Methyl-2-Pentanone
 Concen: 226.117 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

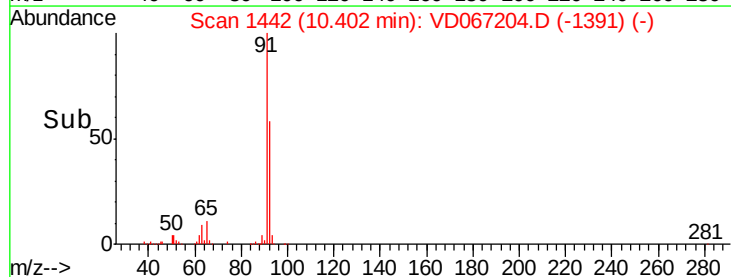
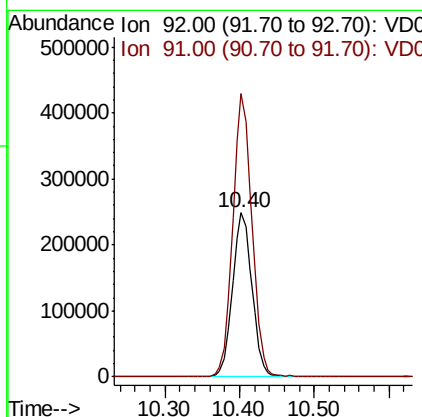
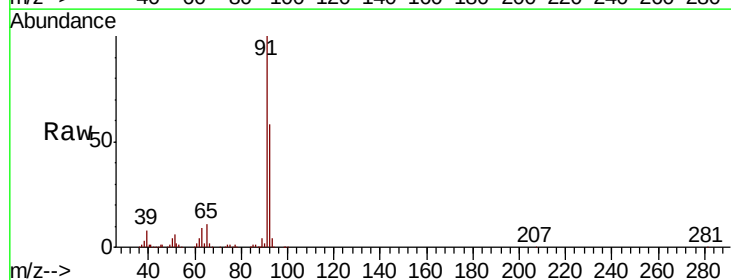
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

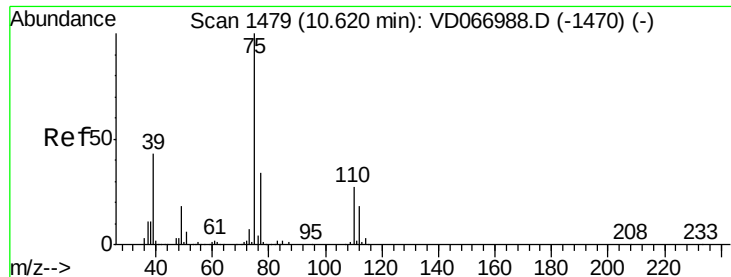
Tot Ion: 43 Resp: 339634
 Ion Ratio Lower Upper
 43 100
 58 44.0 33.8 50.8



#52
 Toluene
 Concen: 53.592 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

Tgt Ion: 92 Resp: 453082
 Ion Ratio Lower Upper
 92 100
 91 169.7 135.1 202.7

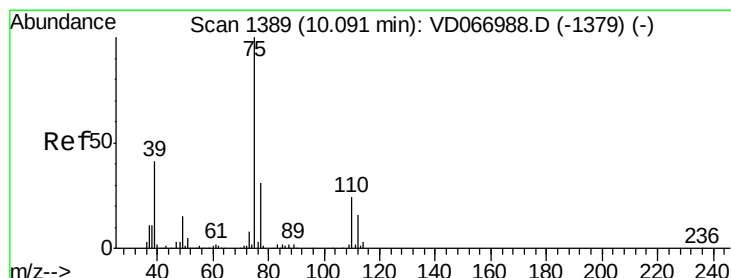
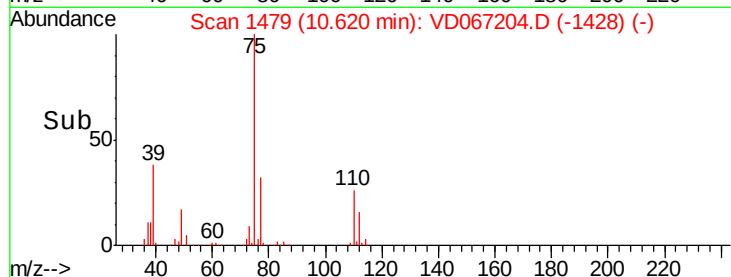
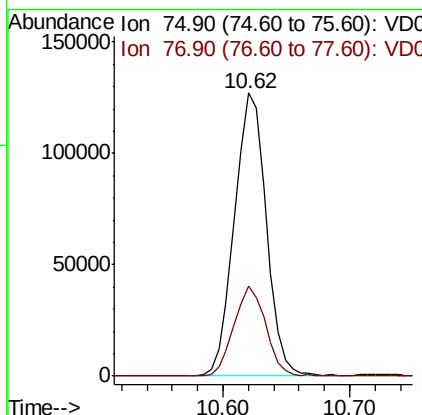
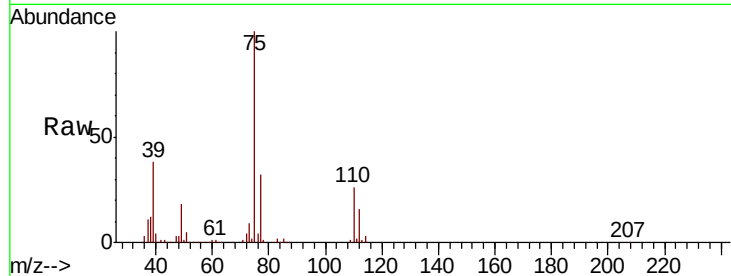




#53
t-1,3-Dichloropropene
Concen: 53.887 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

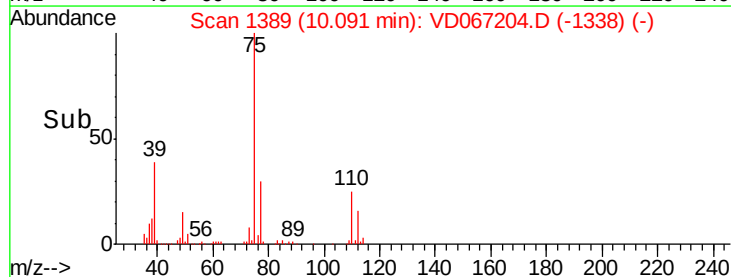
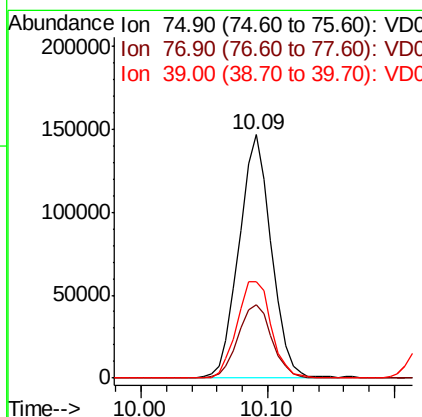
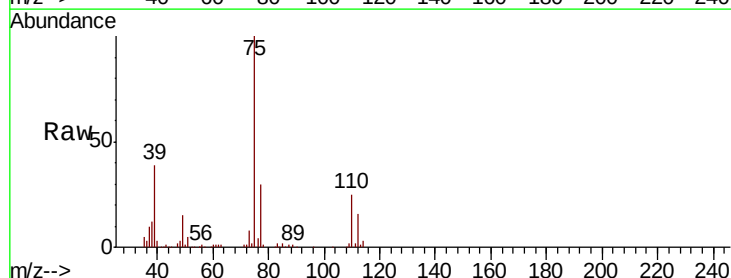
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

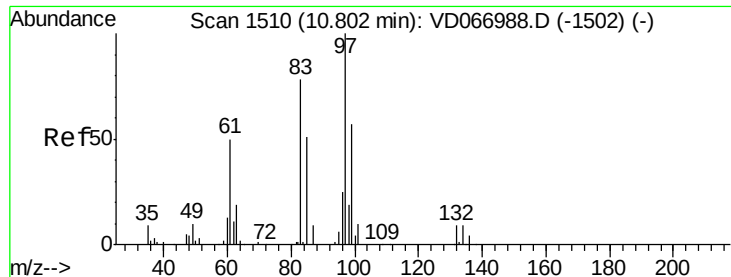
Tot Ion: 75 Resp: 221884
Ion Ratio Lower Upper
75 100
77 32.0 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 51.633 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Tgt Ion: 75 Resp: 259611
Ion Ratio Lower Upper
75 100
77 30.3 24.6 37.0
39 39.3 33.0 49.4

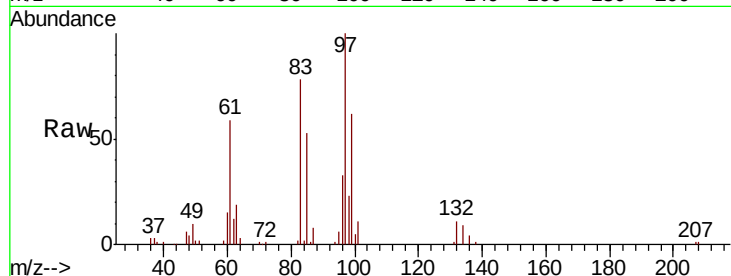




#55
 1,1,2-Trichloroethane
 Concen: 50.384 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	124152
Ion	Ratio	Lower	Upper
97	100		
83	77.6	62.4	93.6
85	52.7	41.0	61.4
99	62.3	45.9	68.9



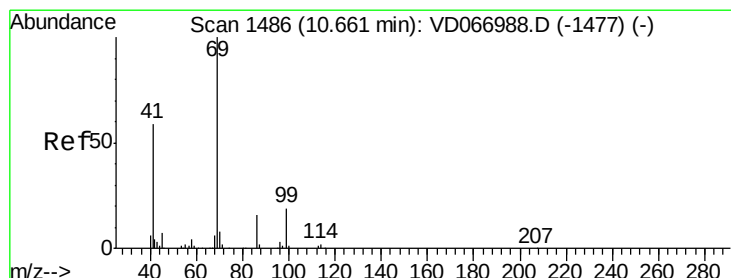
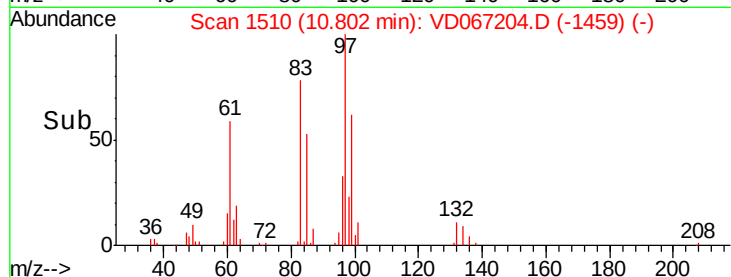
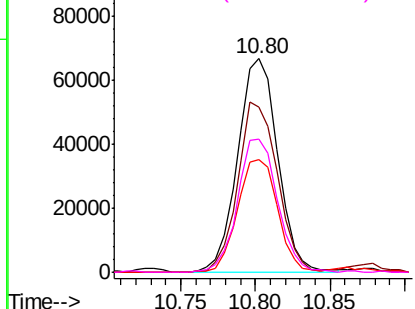
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

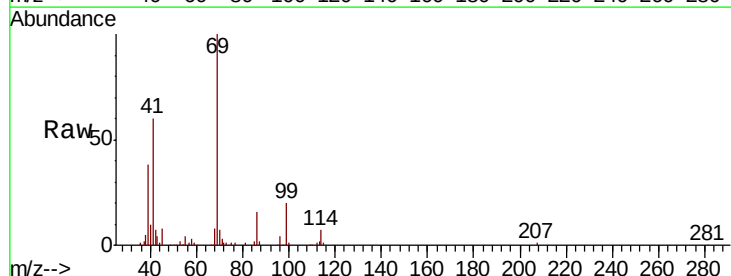
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 53.340 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

Tgt Ion:	69	Resp:	135700
Ion	Ratio	Lower	Upper
69	100		
41	55.0	46.4	69.6
39	33.7	23.8	35.6

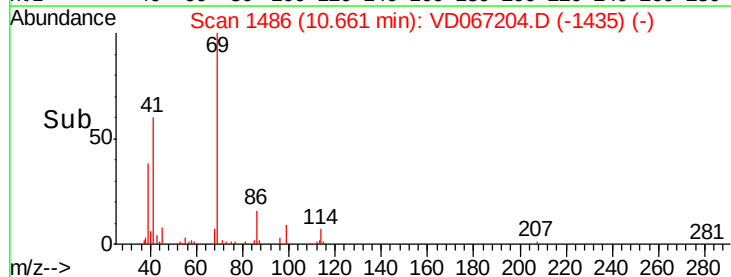
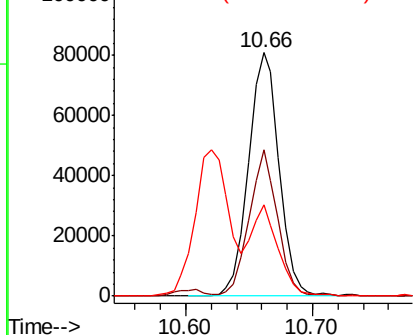


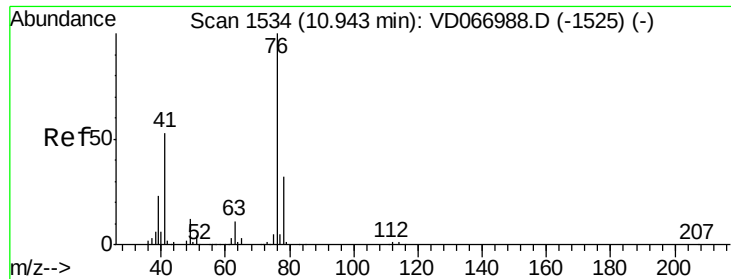
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 50.681 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

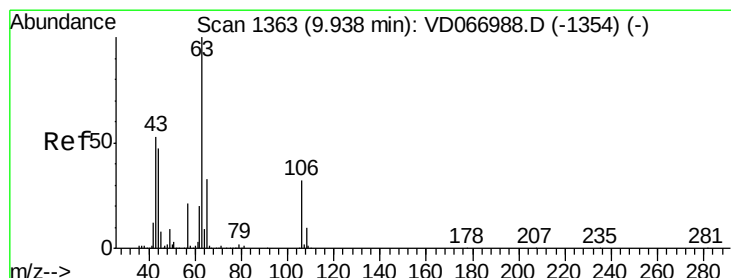
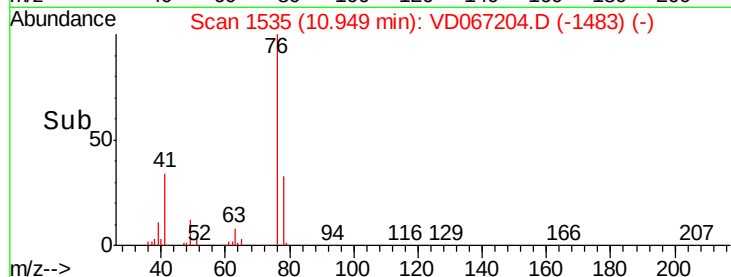
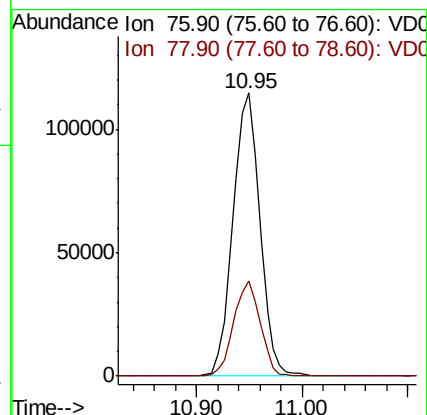
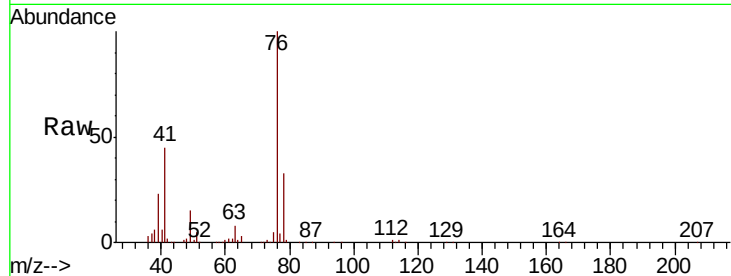
VSTDCCC050

Tot Ion: 76 Resp: 202511

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 255.363 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VD067204.D

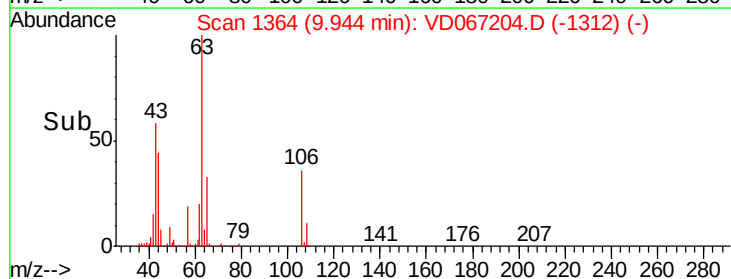
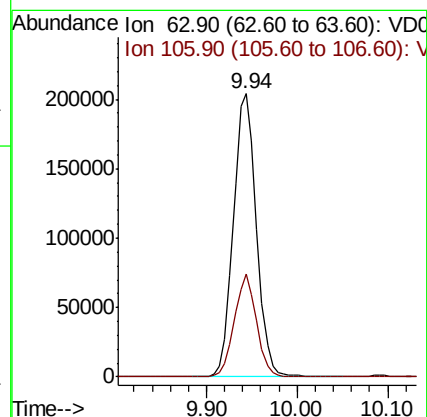
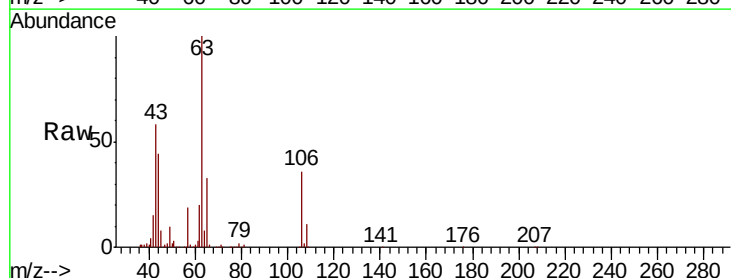
Acq: 09 Oct 2020 11:06

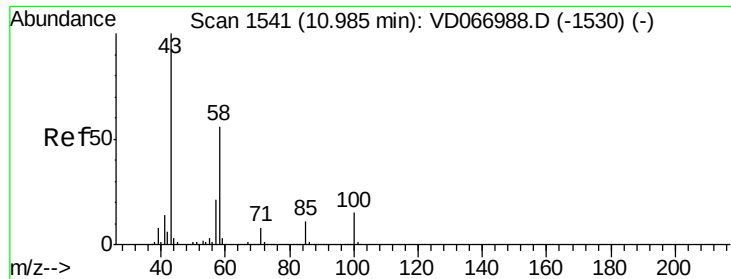
Tgt Ion: 63 Resp: 361587

Ion Ratio Lower Upper

63 100

106 34.8 25.3 37.9

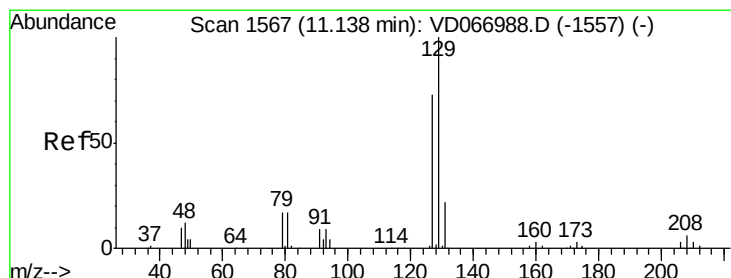
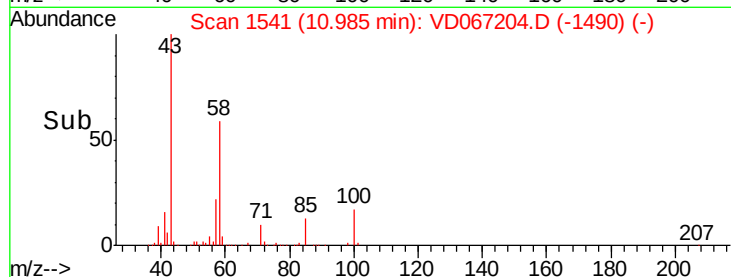
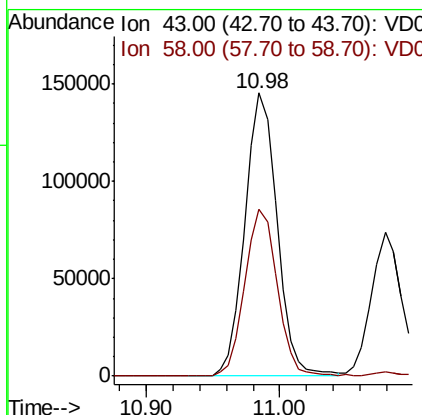
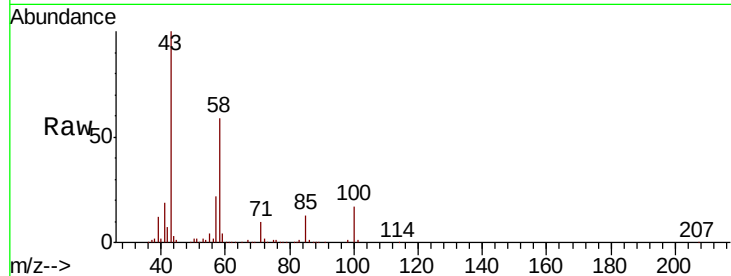




#59
2-Hexanone
Concen: 242.106 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

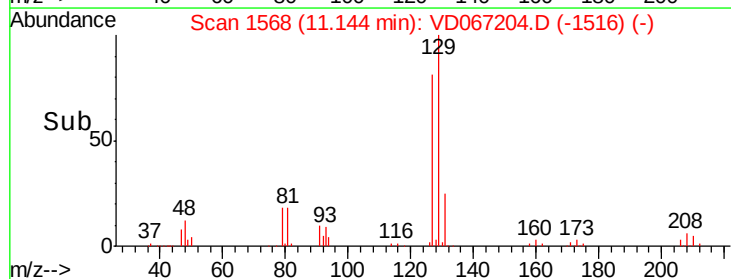
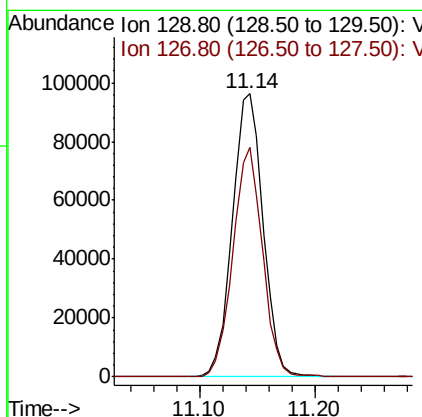
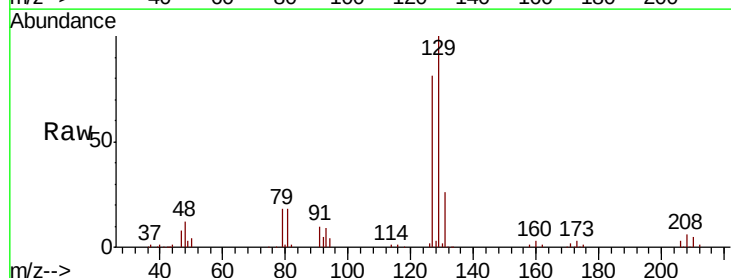
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

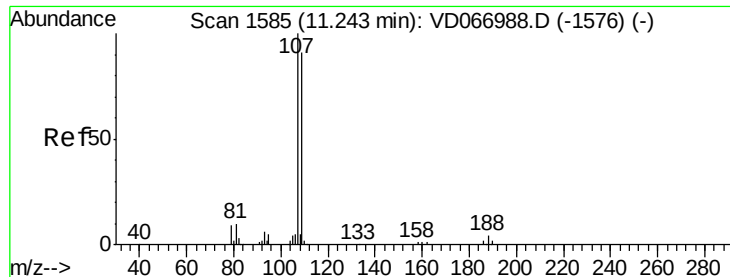
Tot Ion: 43 Resp: 242716
Ion Ratio Lower Upper
43 100
58 59.4 28.3 84.9



#60
Dibromochloromethane
Concen: 53.901 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Tgt Ion: 129 Resp: 177023
Ion Ratio Lower Upper
129 100
127 78.5 37.4 112.1

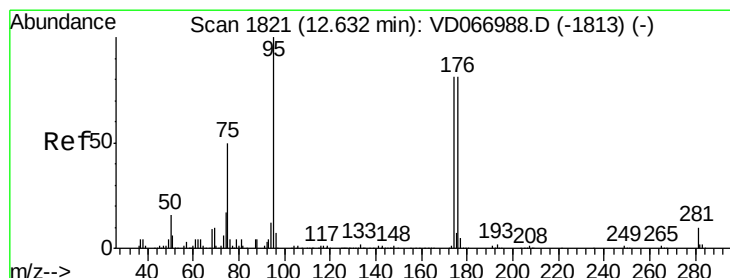
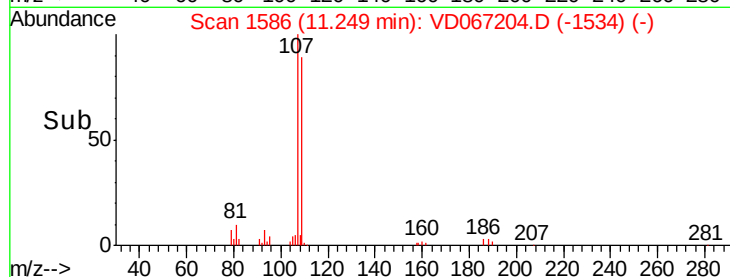
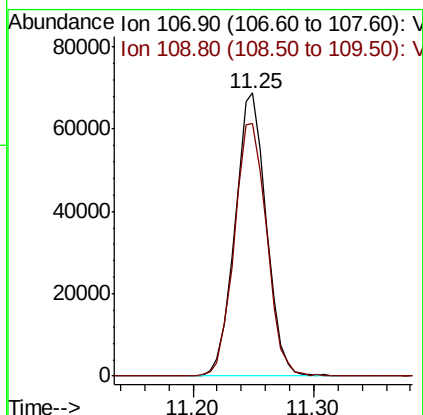
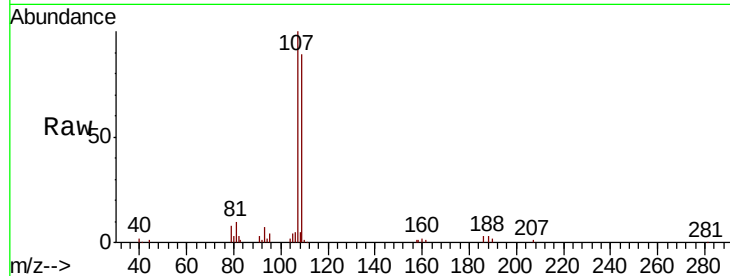




#61
 1,2-Dibromoethane
 Concen: 52.300 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

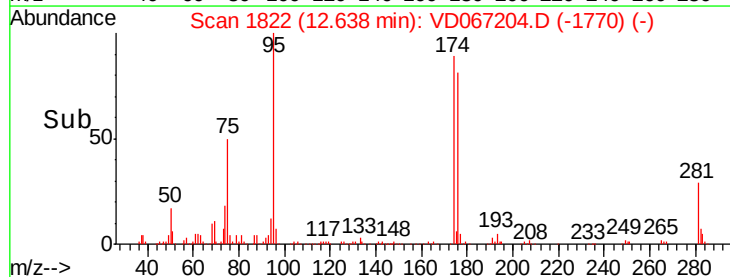
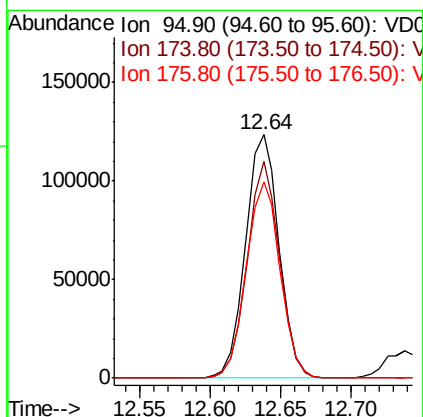
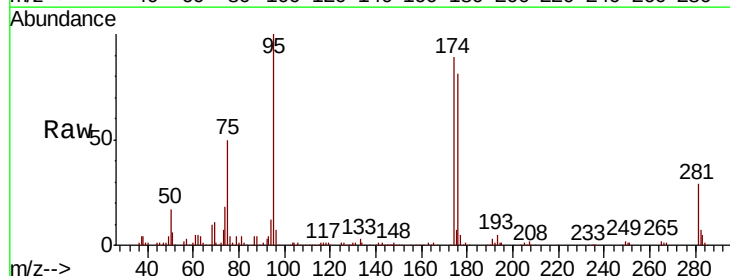
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

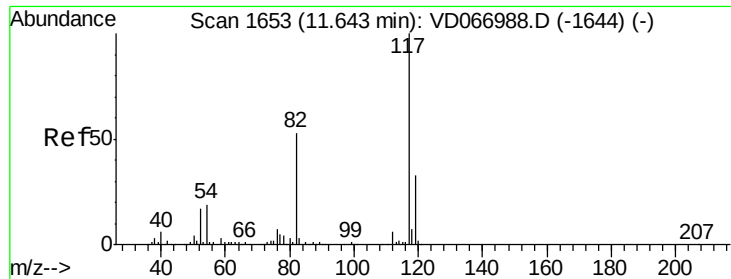
Tot Ion:107 Resp: 123812
 Ion Ratio Lower Upper
 107 100
 109 93.1 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 50.056 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

Tgt Ion: 95 Resp: 205496
 Ion Ratio Lower Upper
 95 100
 174 85.9 0.0 167.6
 176 81.7 0.0 162.4

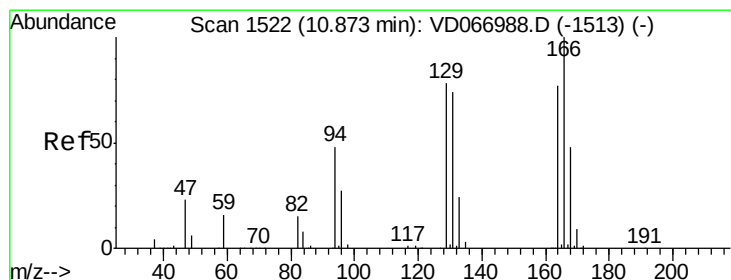
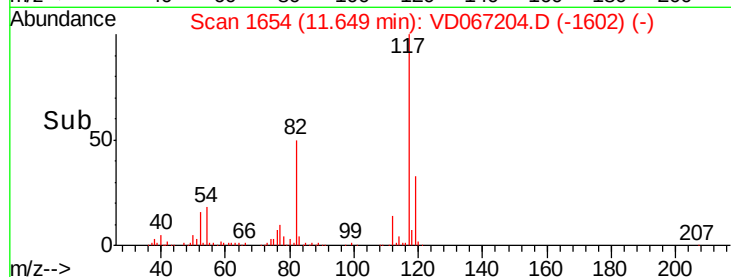
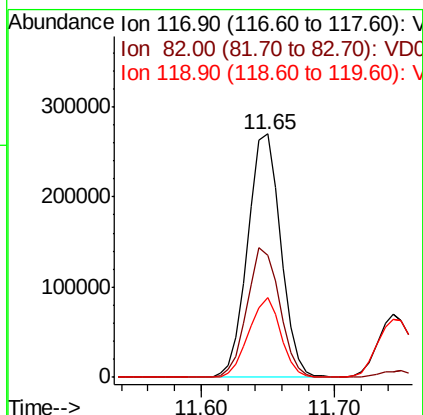
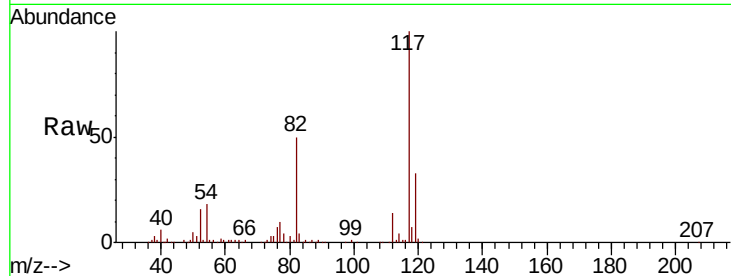




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

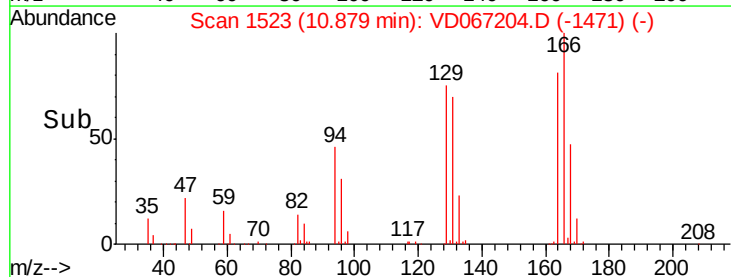
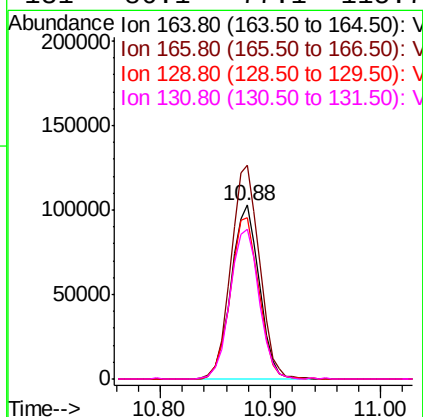
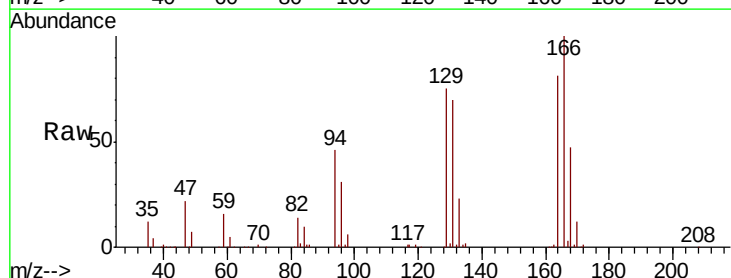
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

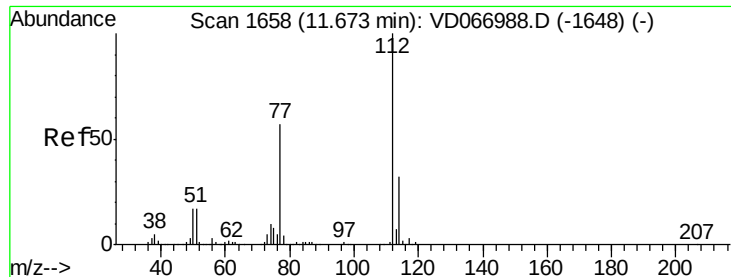
Tot Ion:117 Resp: 462037
Ion Ratio Lower Upper
117 100
82 50.2 42.6 63.8
119 32.8 26.3 39.5



#64
Tetrachloroethene
Concen: 55.024 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Tgt Ion:164 Resp: 184827
Ion Ratio Lower Upper
164 100
166 122.7 104.4 156.6
129 92.5 81.3 121.9
131 86.1 77.1 115.7

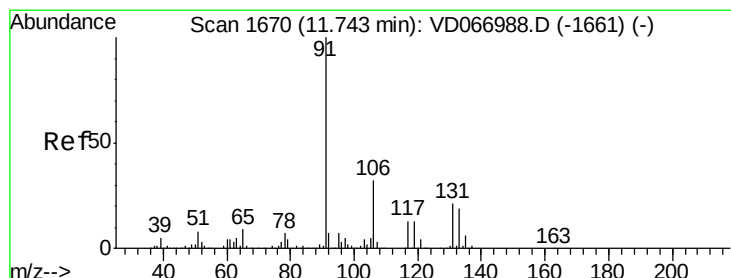
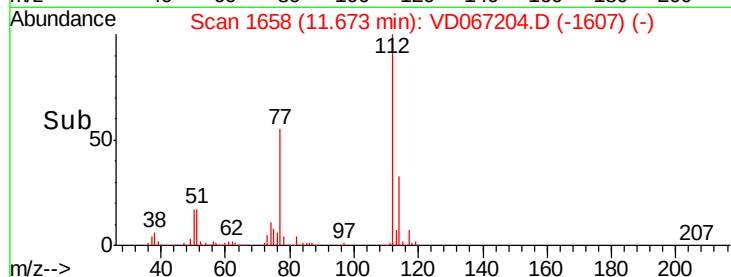
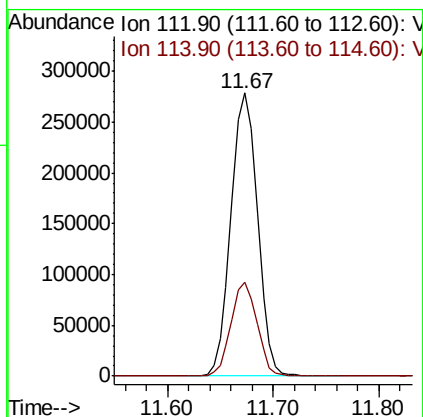
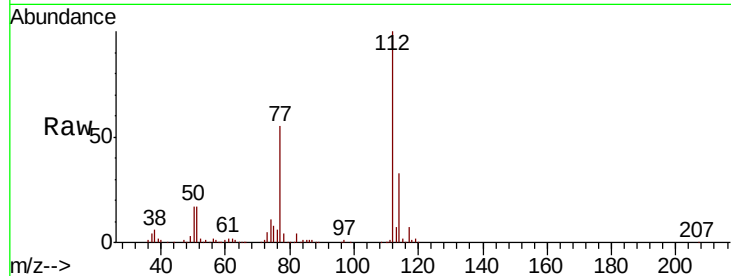




#65
Chlorobenzene
Concen: 52.795 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

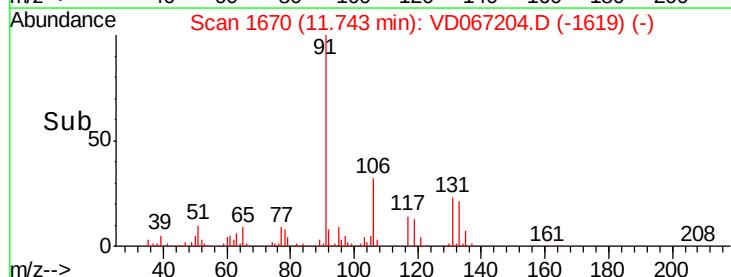
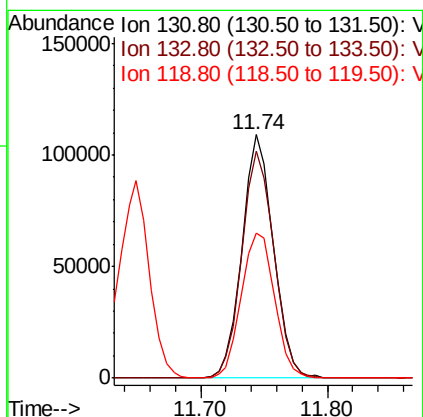
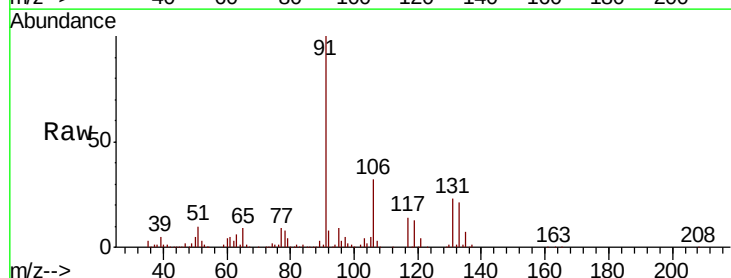
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

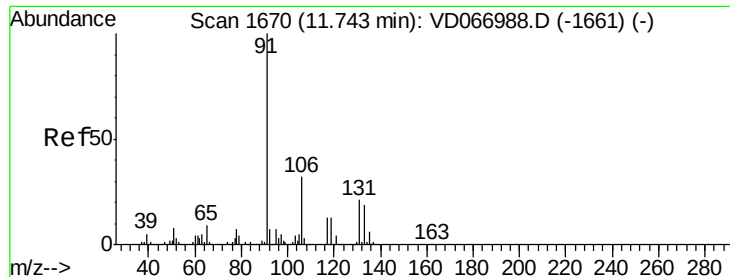
Tot Ion:112 Resp: 485146
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.720 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Tgt Ion:131 Resp: 187776
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 63.4 32.3 96.8





#67

Ethyl Benzene

Concen: 54.035 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

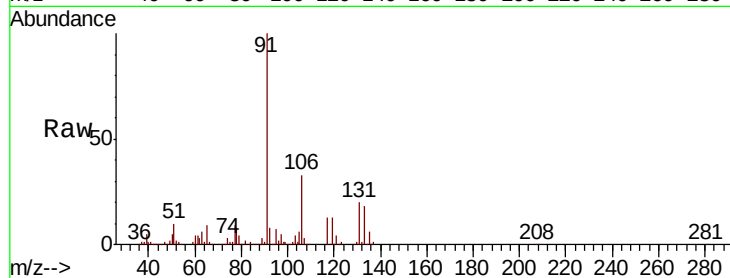
VSTDCCC050

Tot Ion: 91 Resp: 850775

Ion Ratio Lower Upper

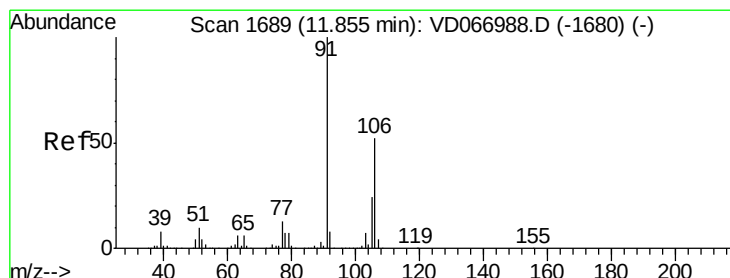
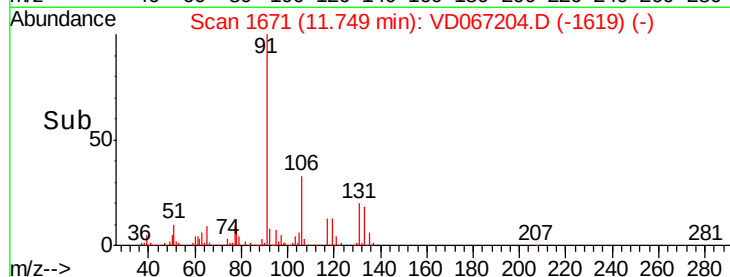
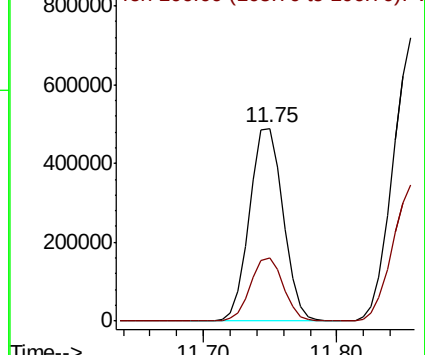
91 100

106 33.1 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 108.902 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067204.D

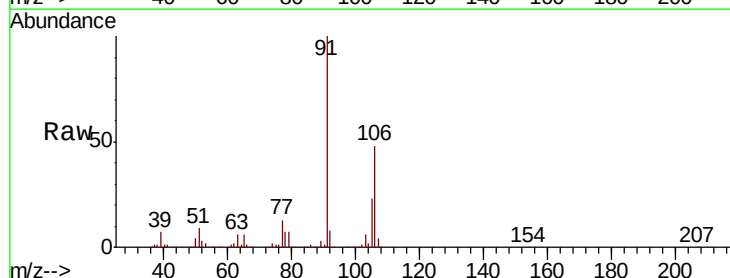
Acq: 09 Oct 2020 11:06

Tgt Ion: 106 Resp: 668228

Ion Ratio Lower Upper

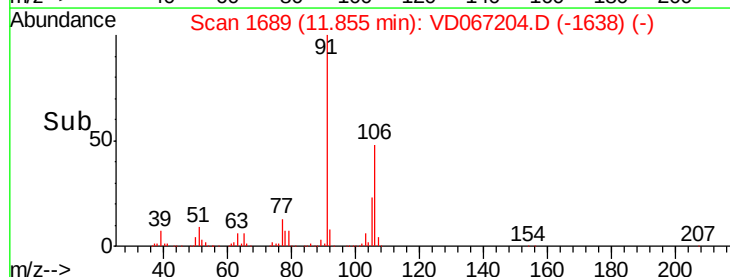
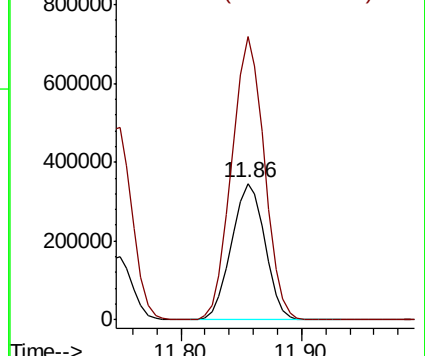
106 100

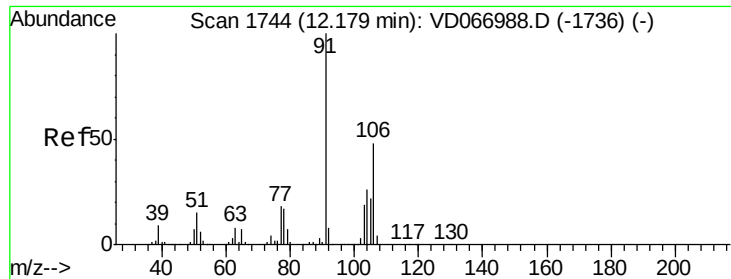
91 202.6 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

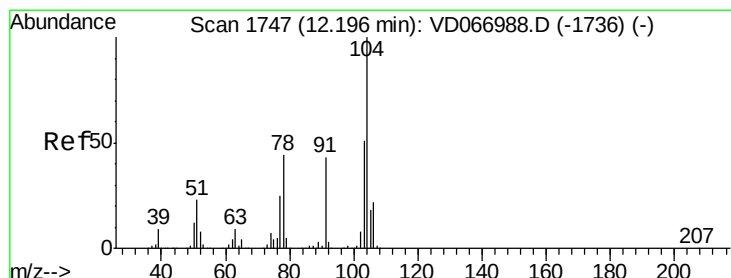
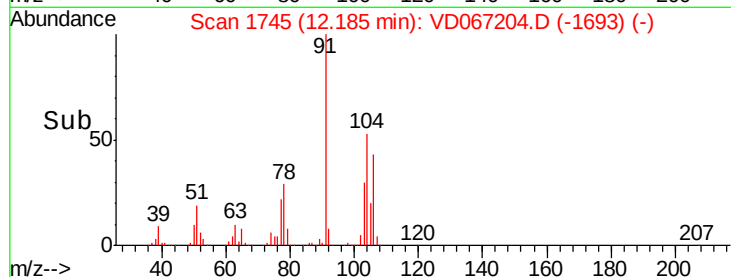
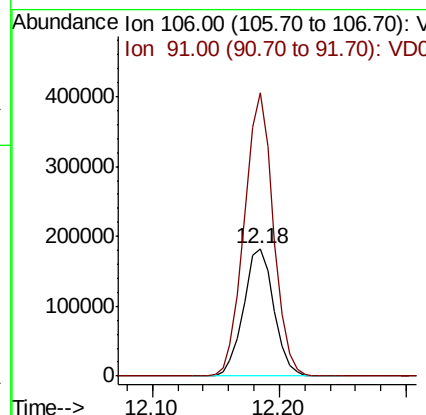
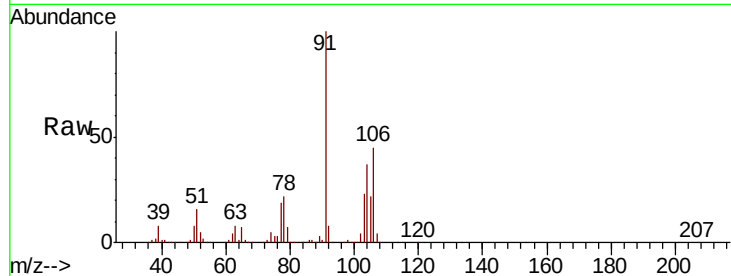




#69
o-Xylene
Concen: 55.027 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

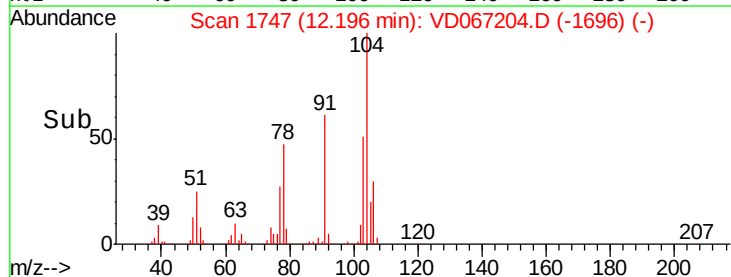
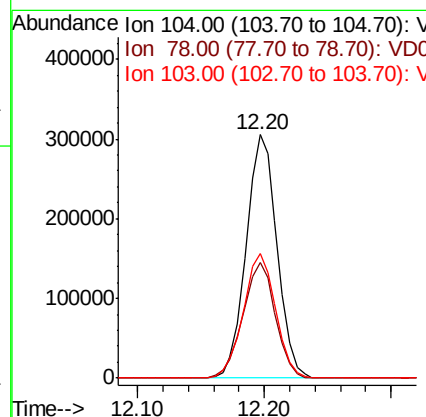
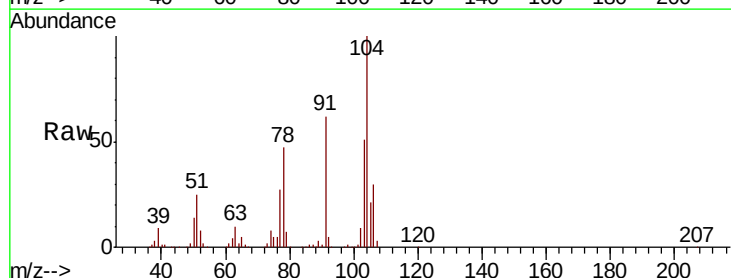
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

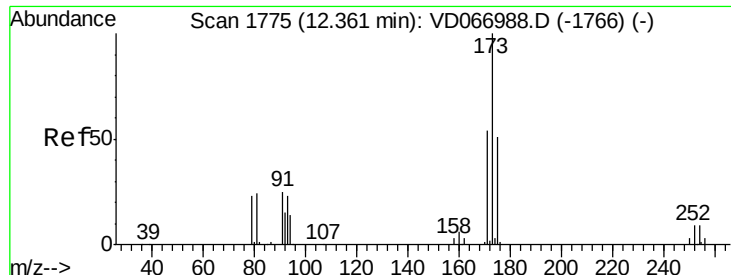
Tot Ion:106 Resp: 301945
Ion Ratio Lower Upper
106 100
91 213.5 102.4 307.2



#70
Styrene
Concen: 54.776 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Tgt Ion:104 Resp: 516117
Ion Ratio Lower Upper
104 100
78 50.0 38.6 58.0
103 53.6 43.4 65.0

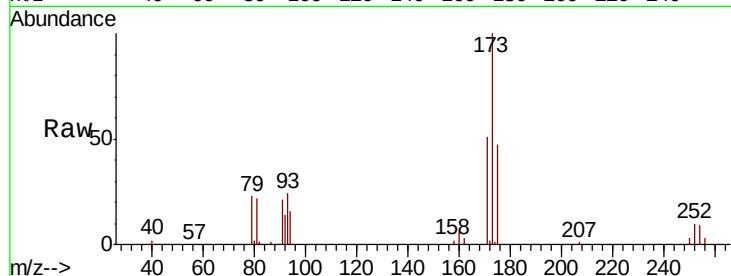




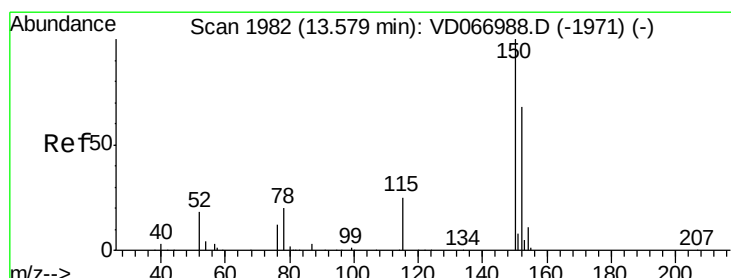
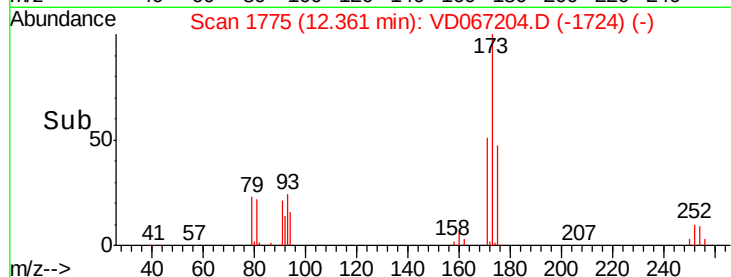
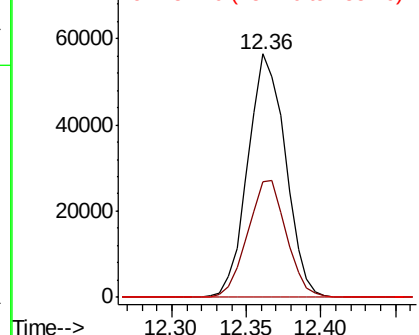
#71
Bromoform
Concen: 54.177 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 98301
Ion Ratio Lower Upper
173 100
175 49.5 24.9 74.7
254 0.0 0.2 0.4#

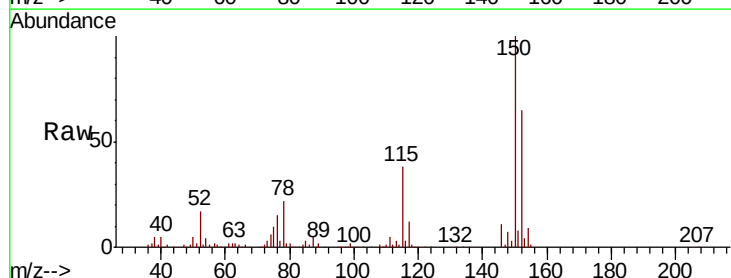


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

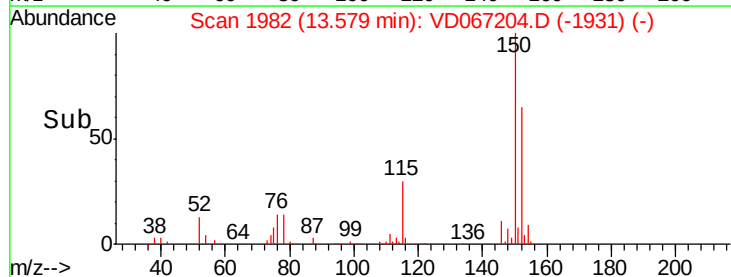
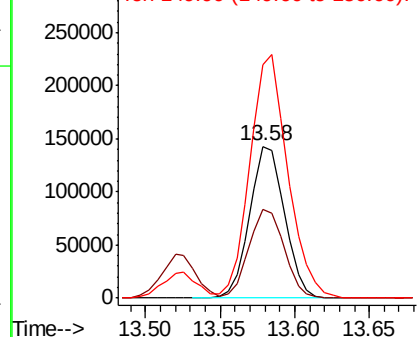


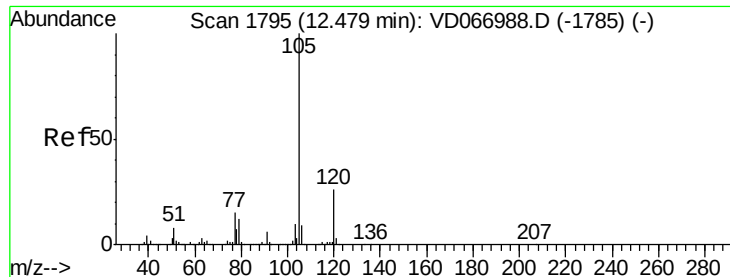
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Tgt Ion:152 Resp: 231099
Ion Ratio Lower Upper
152 100
115 59.1 29.6 88.8
150 173.9 0.0 344.8



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





#73

Isopropylbenzene

Concen: 55.345 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

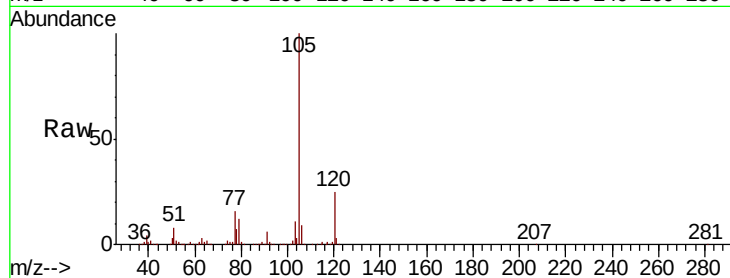
VSTDCCC050

Tot Ion:105 Resp: 868467

Ion Ratio Lower Upper

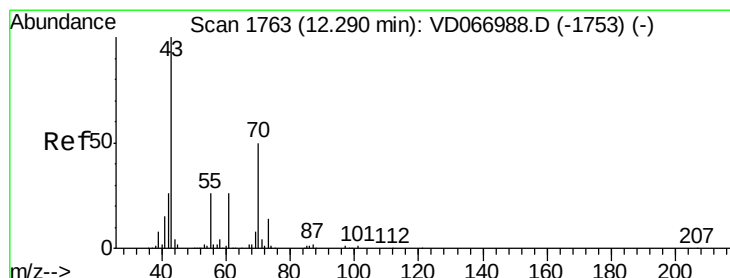
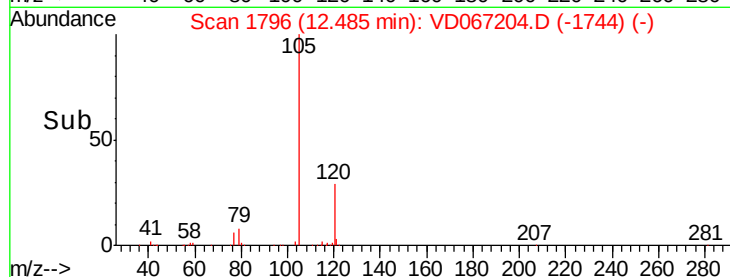
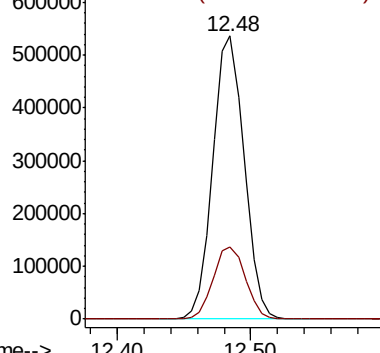
105 100

120 26.2 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.648 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Tgt Ion: 43 Resp: 125947

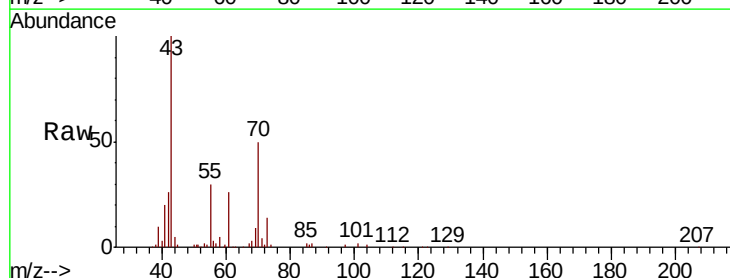
Ion Ratio Lower Upper

43 100

70 51.8 38.2 57.2

55 29.2 22.4 33.6

61 27.2 20.6 31.0

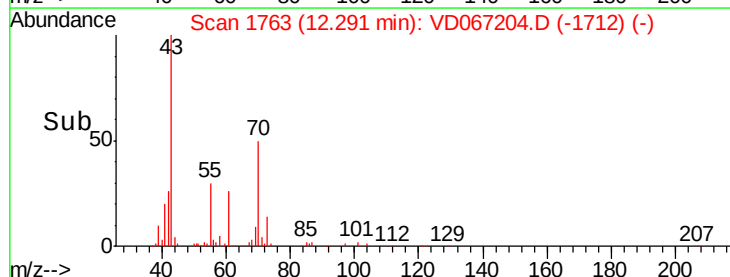
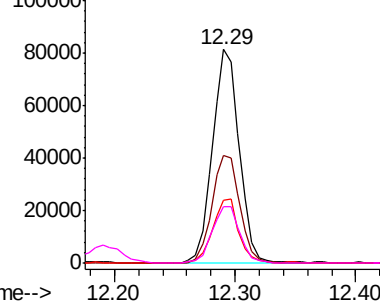


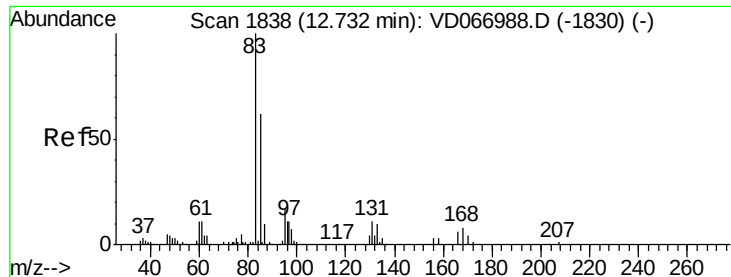
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 45.360 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

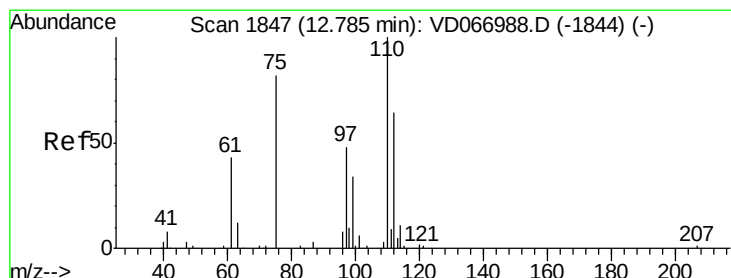
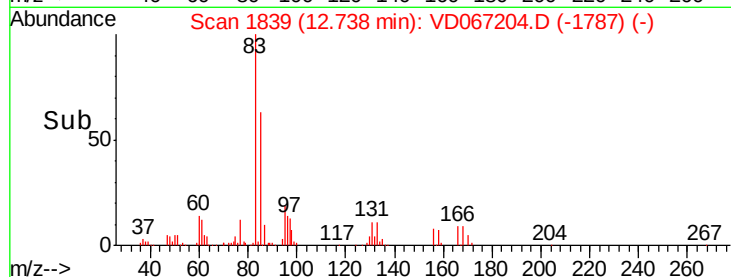
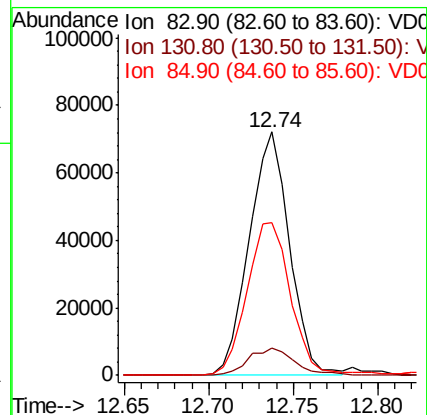
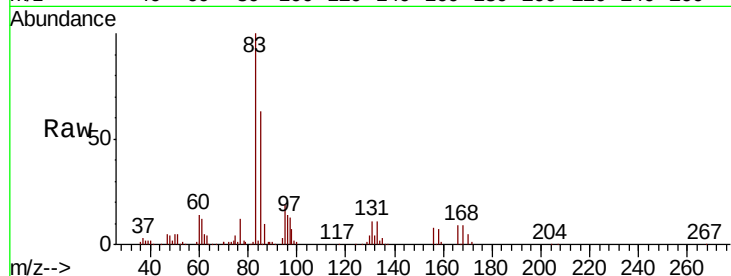
Tot Ion: 83 Resp: 119927

Ion Ratio Lower Upper

83 100

131 12.6 5.7 17.0

85 68.7 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 82.878 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD067204.D

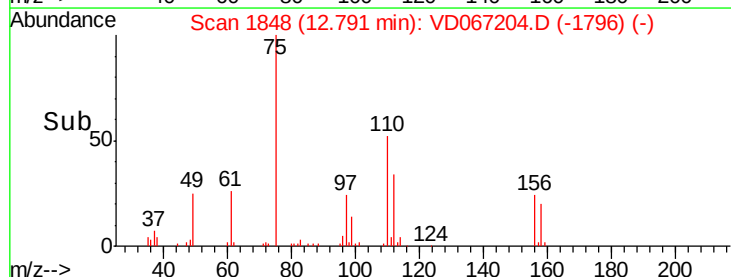
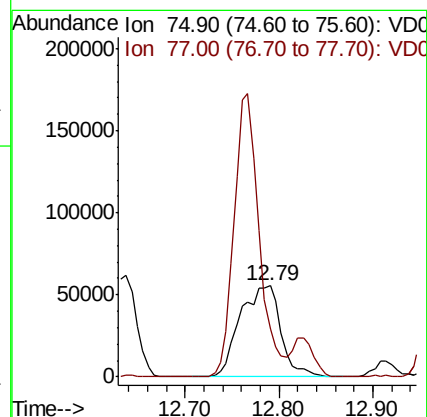
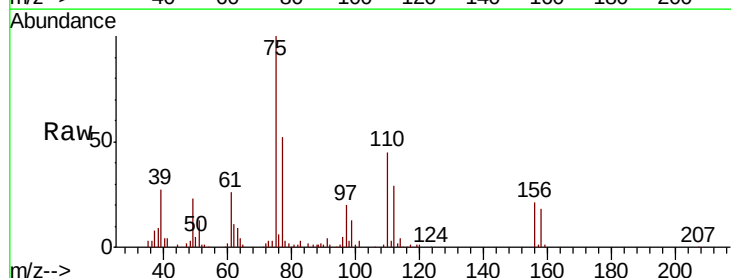
Acq: 09 Oct 2020 11:06

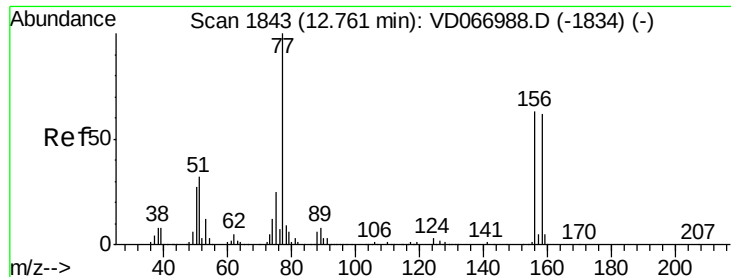
Tgt Ion: 75 Resp: 166829

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.708 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

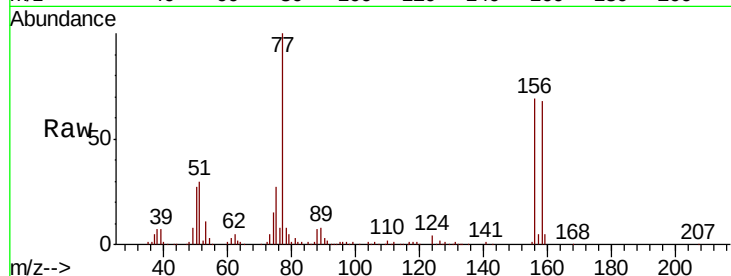
Tot Ion:156 Resp: 203501

Ion Ratio Lower Upper

156 100

77 158.2 86.3 258.8

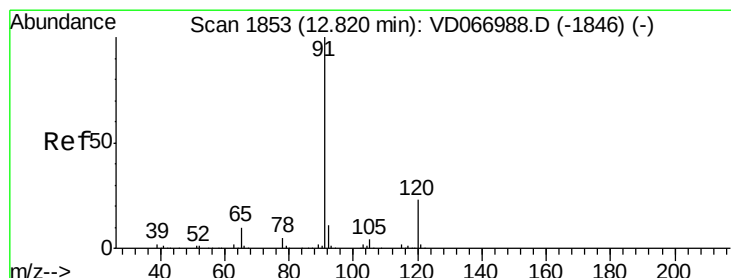
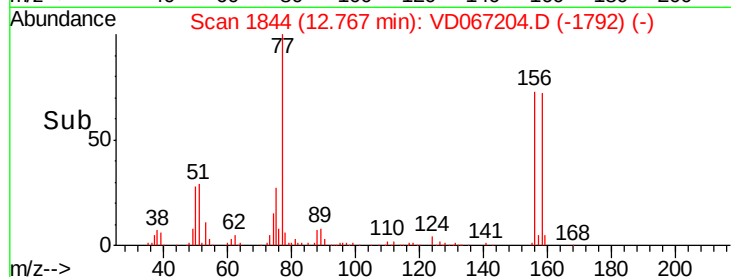
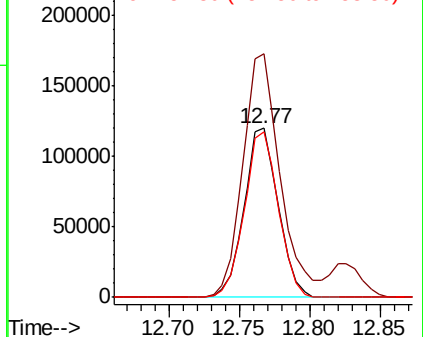
158 96.8 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.233 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD067204.D

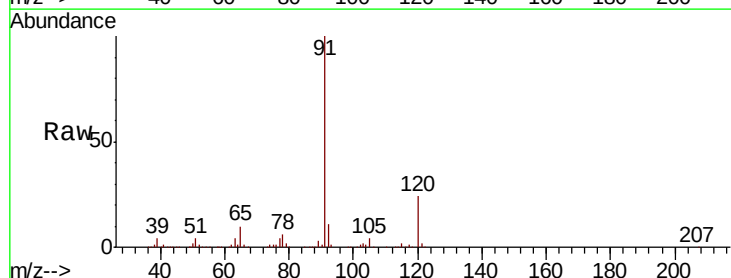
Acq: 09 Oct 2020 11:06

Tgt Ion: 91 Resp: 1005754

Ion Ratio Lower Upper

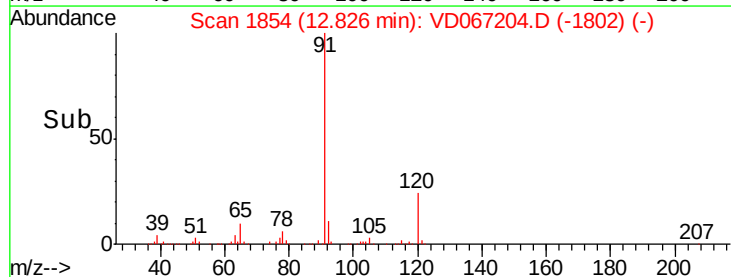
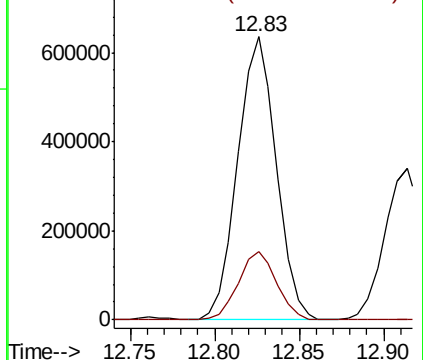
91 100

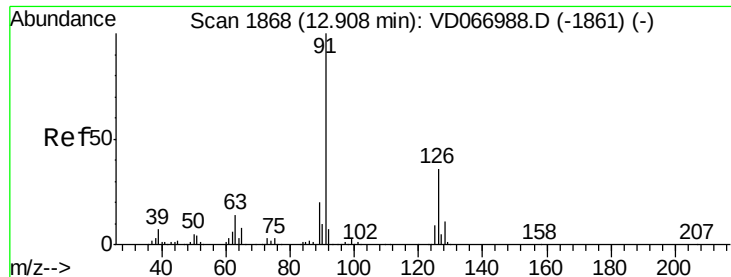
120 24.1 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.902 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

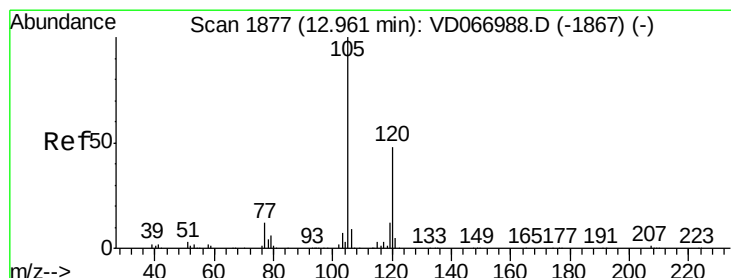
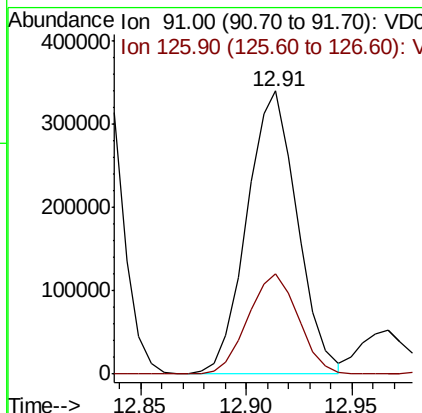
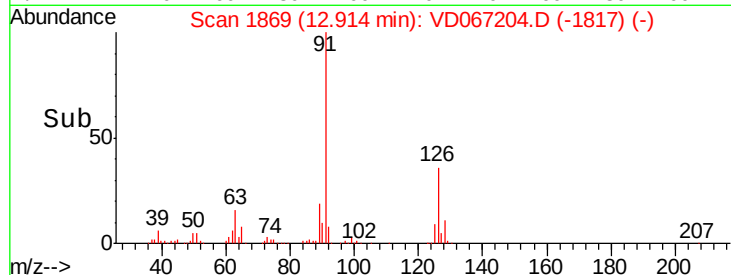
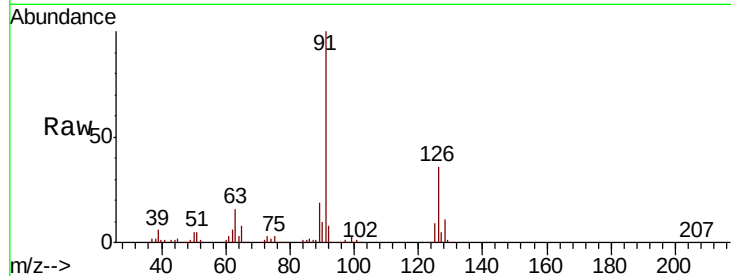
VSTDCCC050

Tot Ion: 91 Resp: 561313

Ion Ratio Lower Upper

91 100

126 35.5 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 55.328 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD067204.D

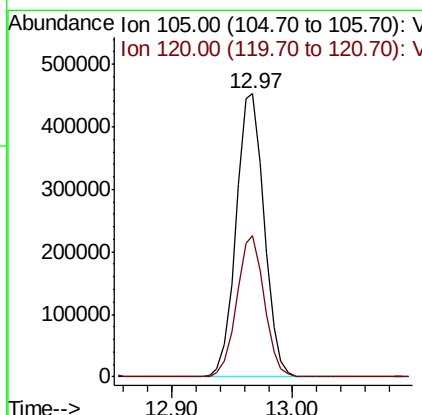
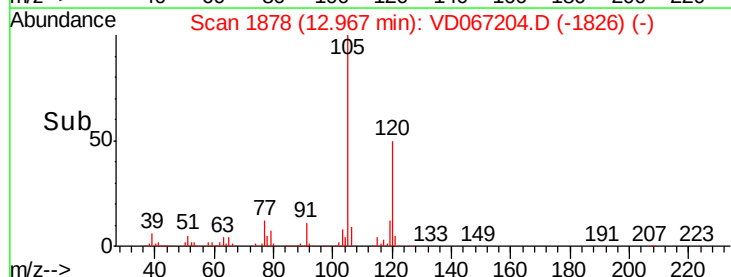
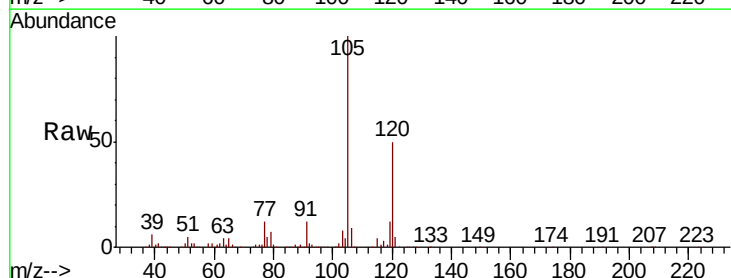
Acq: 09 Oct 2020 11:06

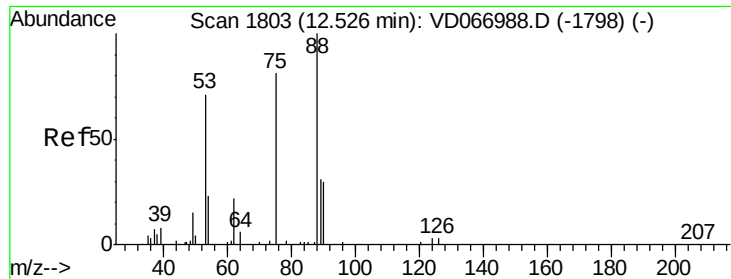
Tgt Ion: 105 Resp: 733535

Ion Ratio Lower Upper

105 100

120 49.0 24.6 74.0

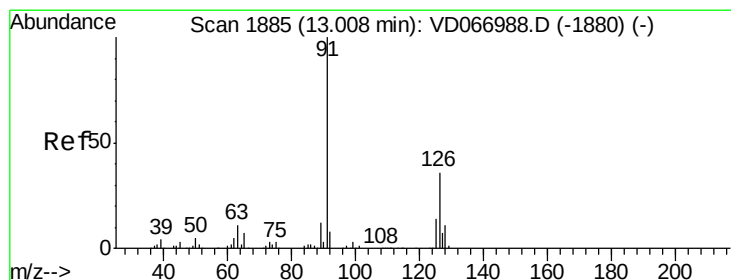
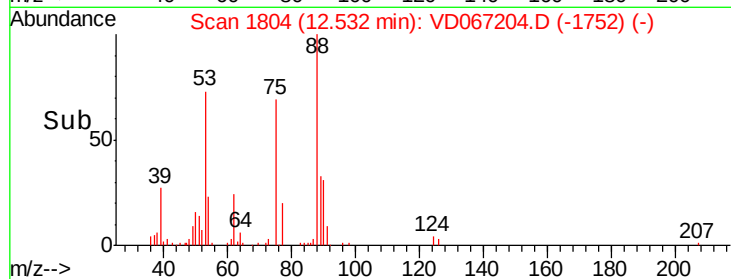
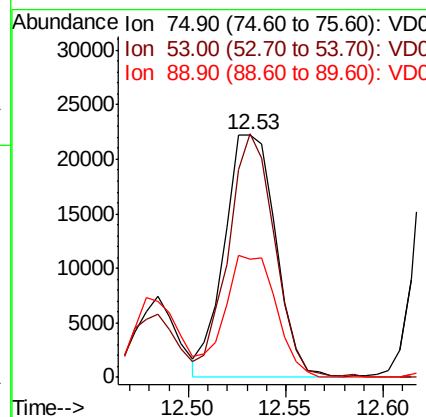
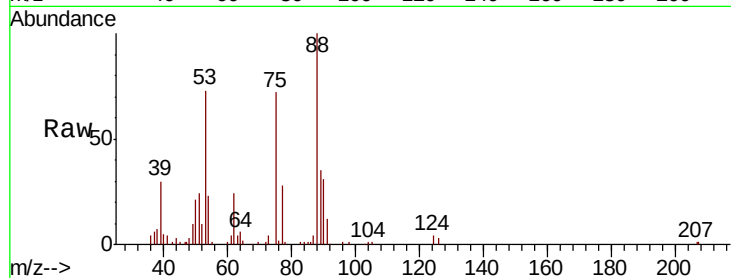




#81
trans-1,4-Dichloro-2-butene
Concen: 50.230 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

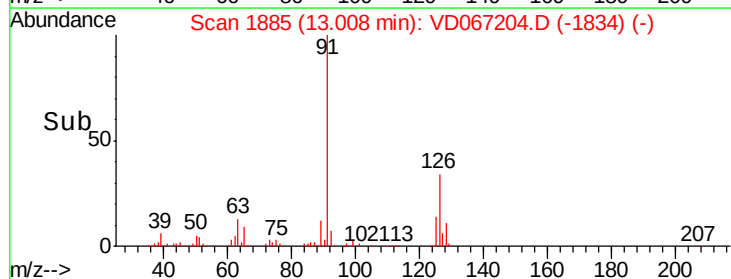
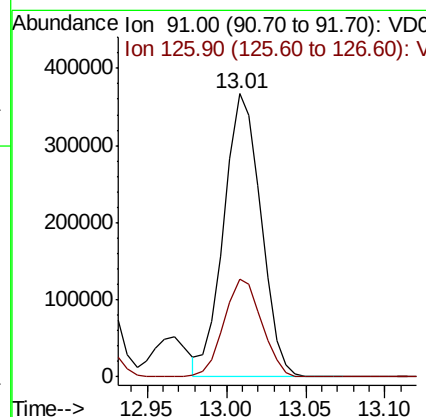
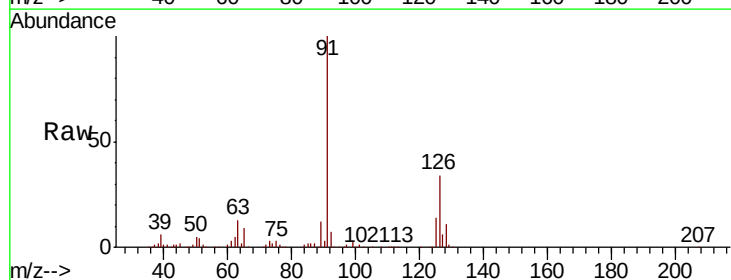
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

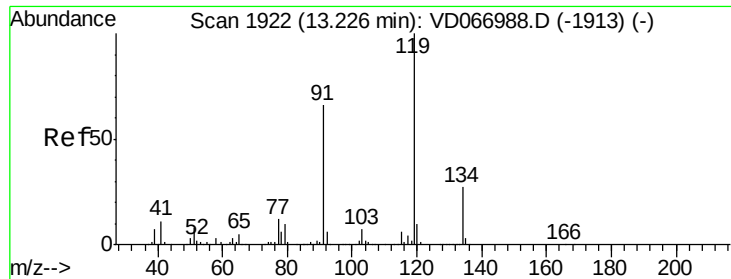
Tot Ion: 75 Resp: 40556
Ion Ratio Lower Upper
75 100
53 91.1 73.8 110.6
89 50.8 38.9 58.3



#82
4-Chlorotoluene
Concen: 52.852 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Tgt Ion: 91 Resp: 596649
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5

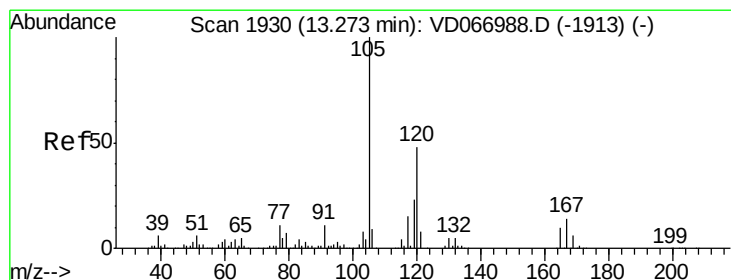
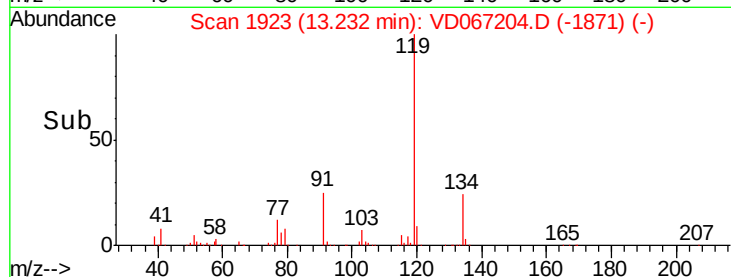
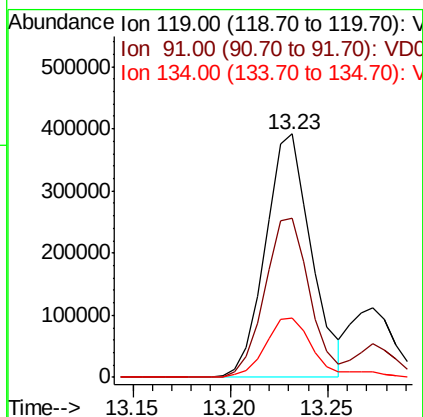
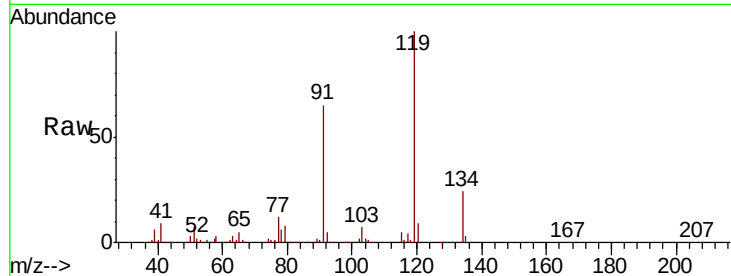




#83
 tert-Butylbenzene
 Concen: 57.093 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

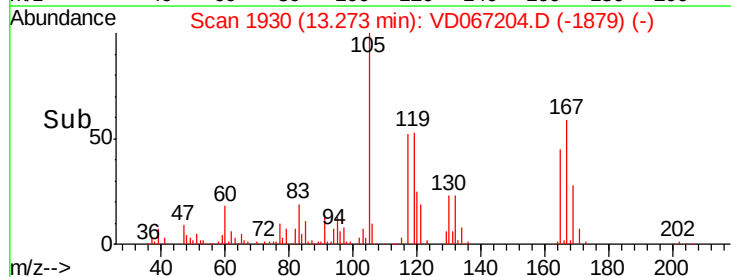
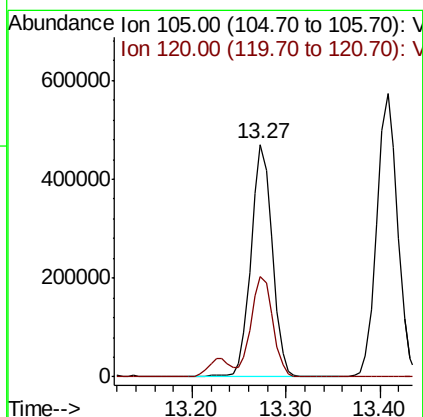
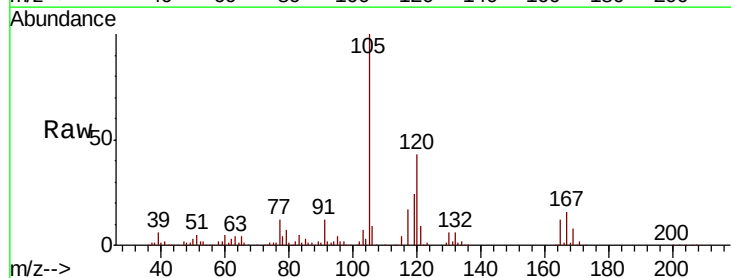
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

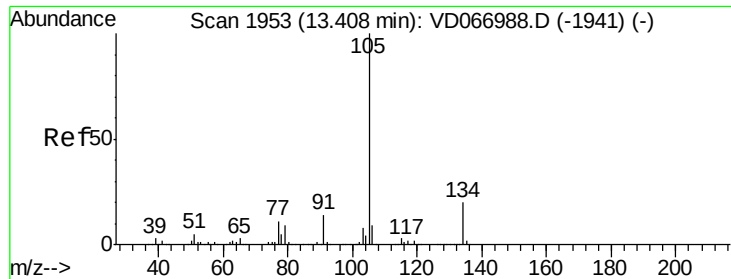
Tot Ion:119 Resp: 637405
 Ion Ratio Lower Upper
 119 100
 91 64.0 32.8 98.3
 134 26.3 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 55.625 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

Tgt Ion:105 Resp: 735972
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.3 69.8





#85

sec-Butylbenzene

Concen: 55.810 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

Instrument :

MSVOA_D

ClientSampleId :

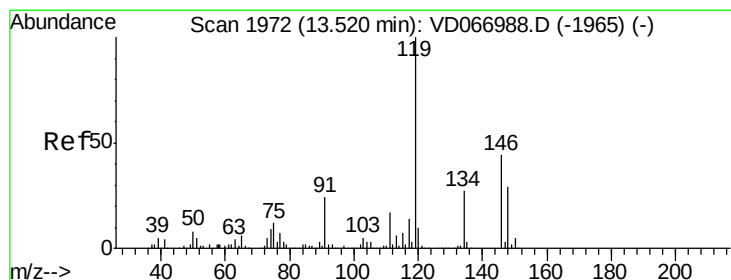
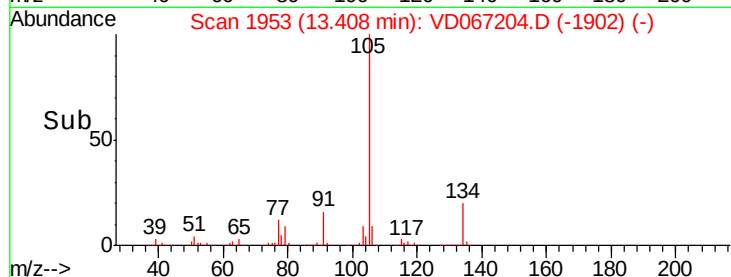
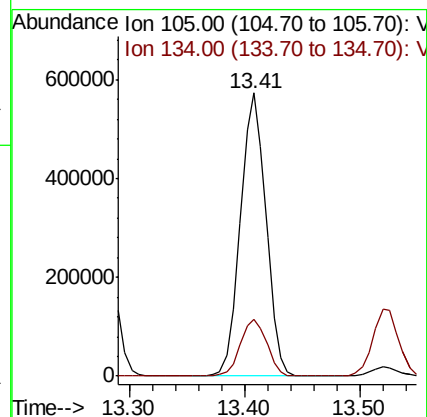
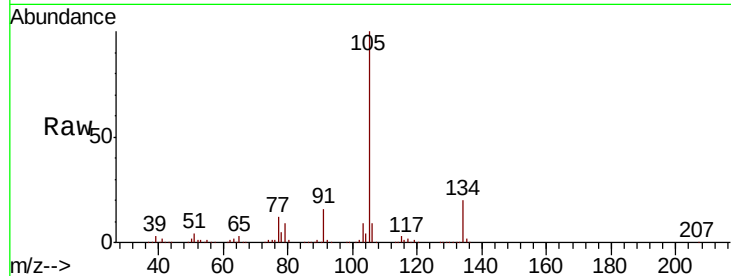
VSTDCCC050

Tot Ion:105 Resp: 877462

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8



#86

p-Isopropyltoluene

Concen: 55.339 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067204.D

Acq: 09 Oct 2020 11:06

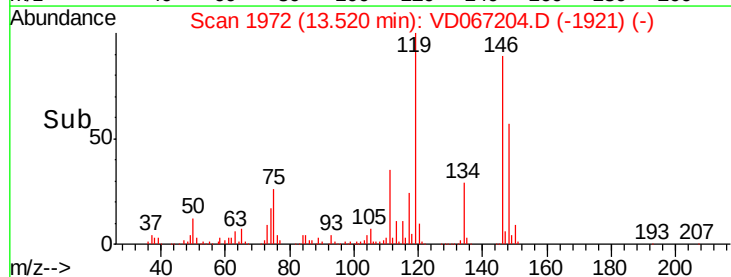
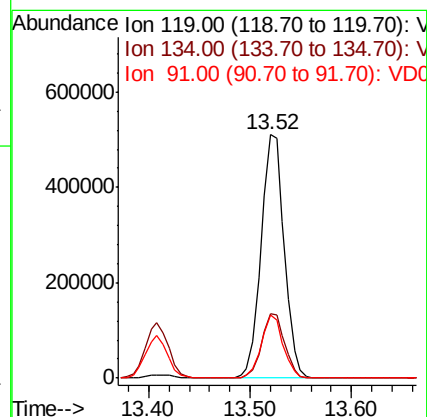
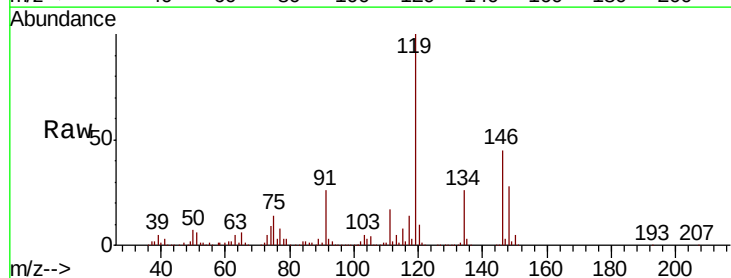
Tgt Ion:119 Resp: 806641

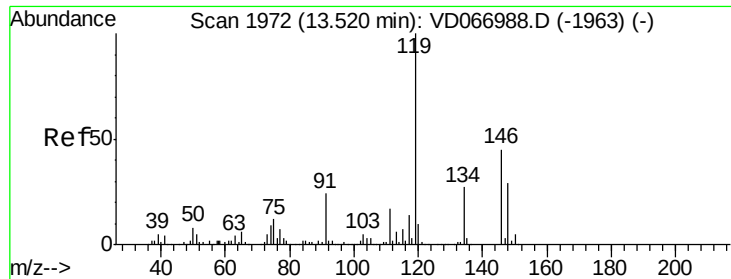
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 24.1 11.7 35.1

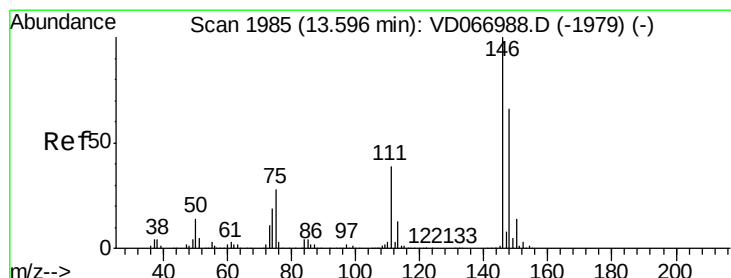
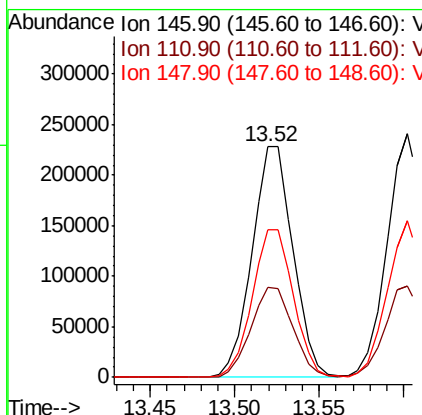
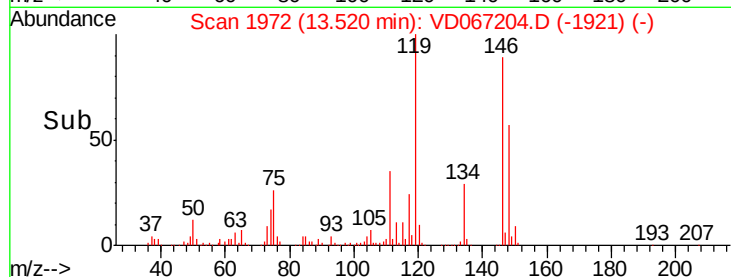
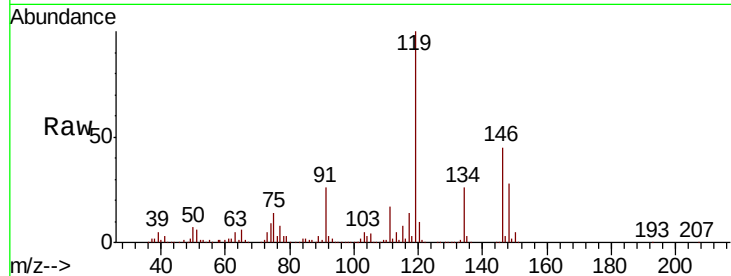




#87
 1,3-Dichlorobenzene
 Concen: 52.071 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

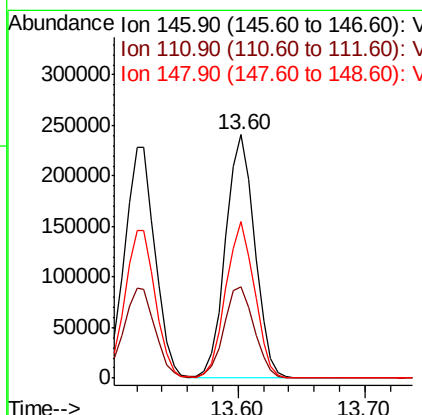
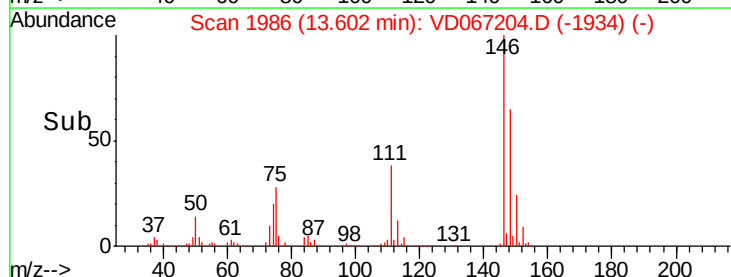
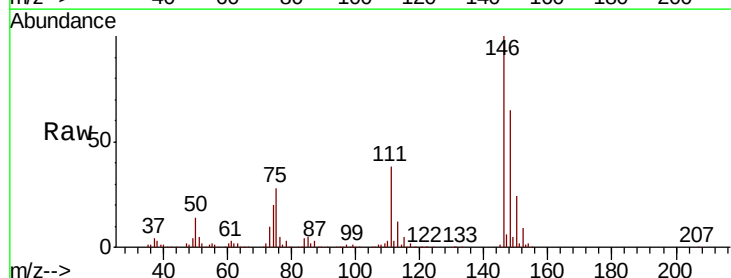
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

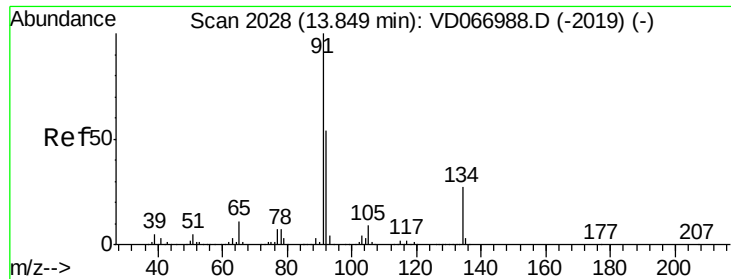
Tot Ion:146 Resp: 384305
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 60.0
 148 64.0 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 51.890 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

Tgt Ion:146 Resp: 382923
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.7
 148 63.5 32.6 97.7

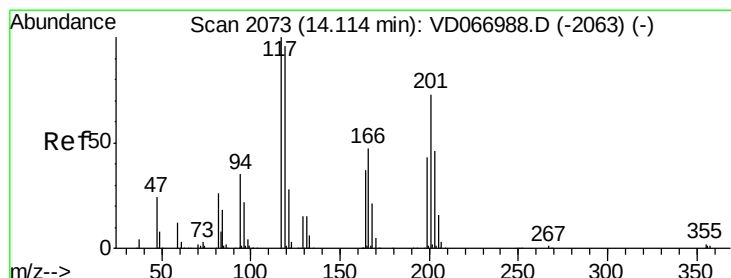
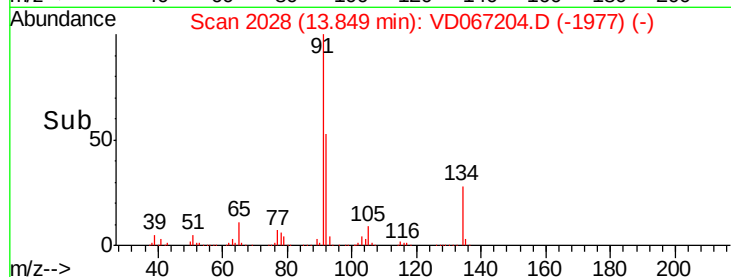
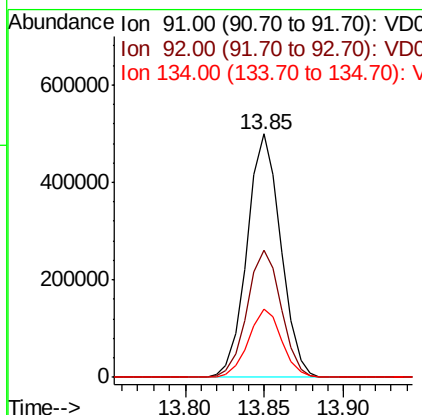
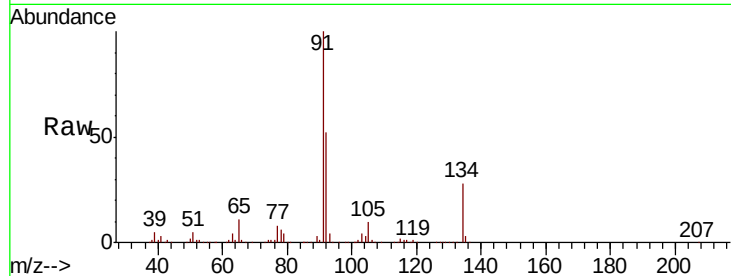




#89
n-Butylbenzene
Concen: 55.325 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

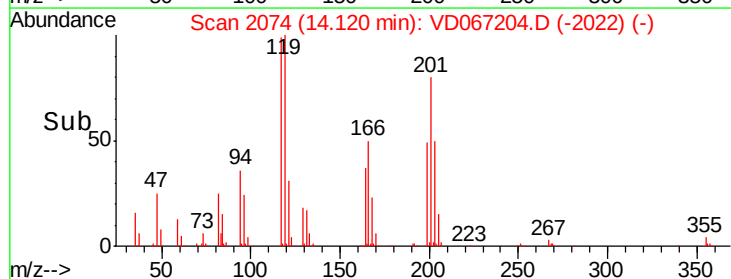
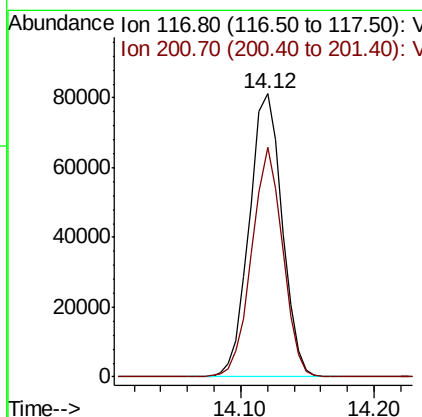
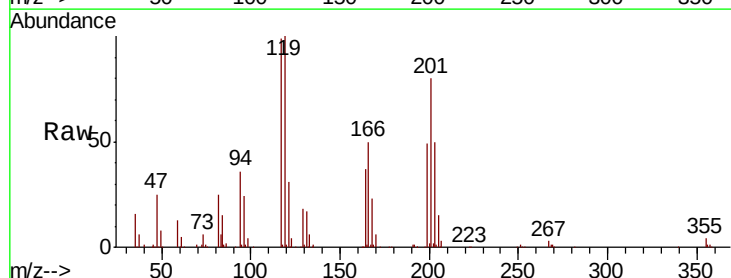
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

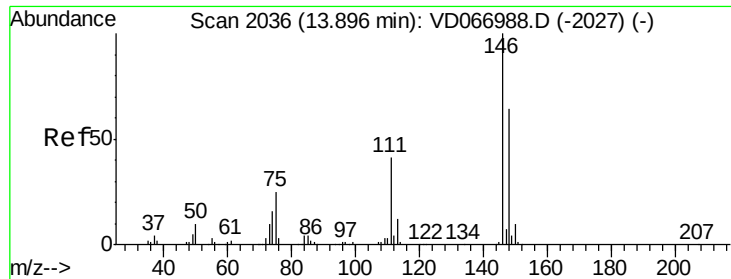
Tot Ion: 91 Resp: 737007
Ion Ratio Lower Upper
91 100
92 52.8 27.1 81.2
134 27.7 13.6 40.8



#90
Hexachloroethane
Concen: 54.079 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Tgt Ion: 117 Resp: 138078
Ion Ratio Lower Upper
117 100
201 76.1 37.0 110.9

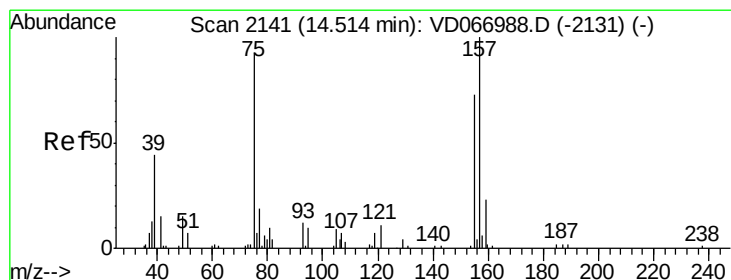
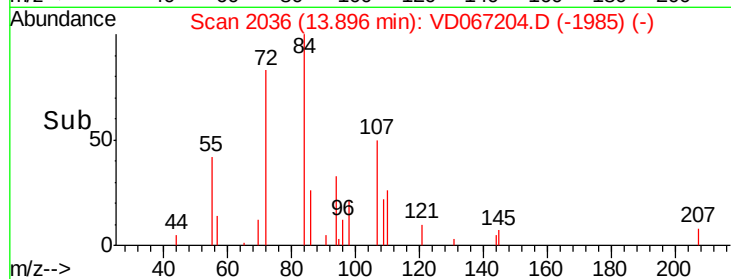
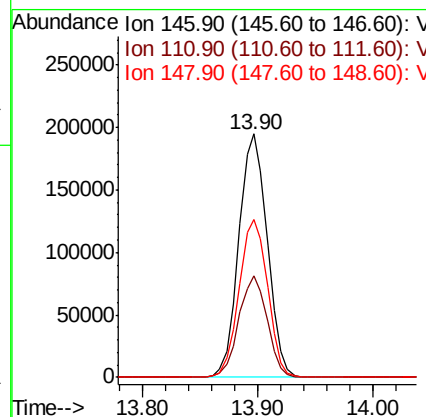
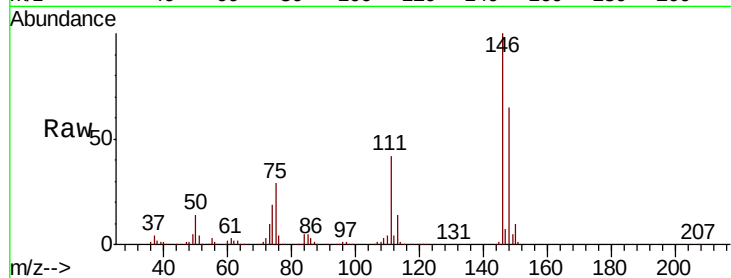




#91
 1,2-Dichlorobenzene
 Concen: 51.404 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

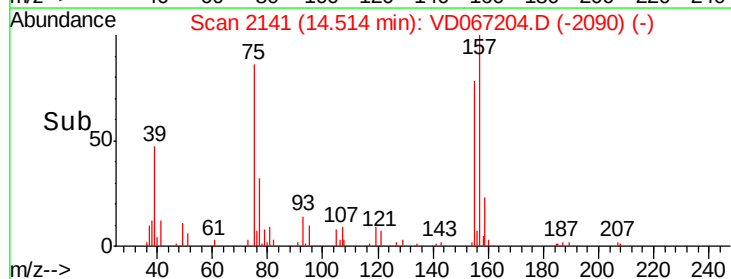
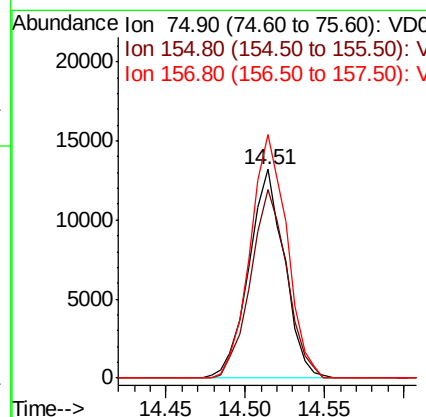
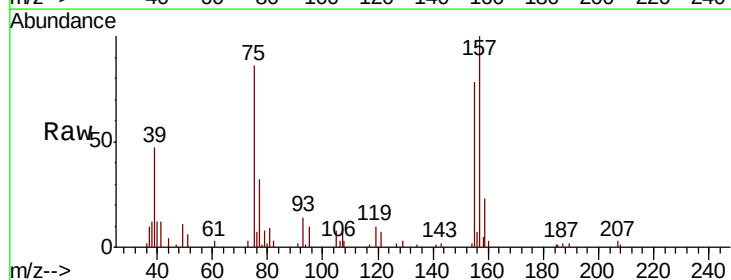
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

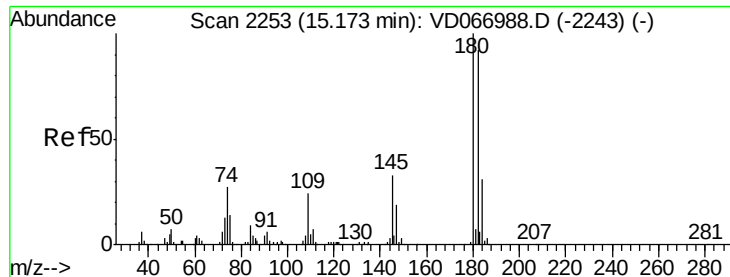
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.9	62.7
148	65.1	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.612 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	45.2	135.6
157	119.8	56.3	168.8

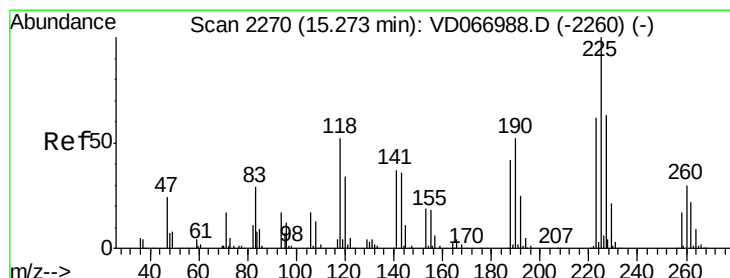
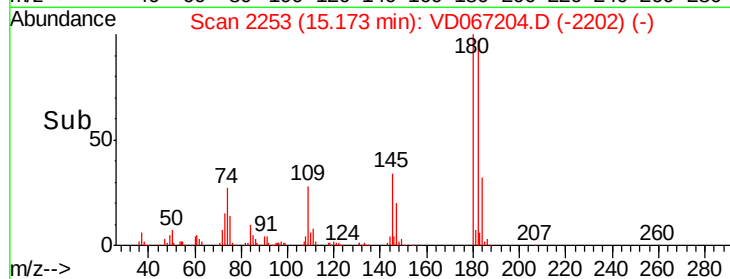
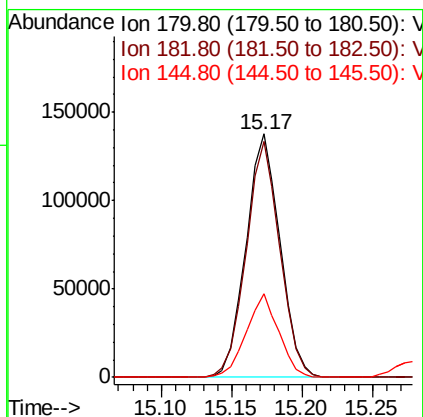
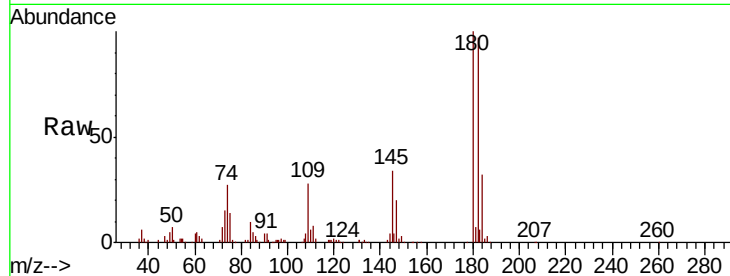




#93
 1,2,4-Trichlorobenzene
 Concen: 55.856 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

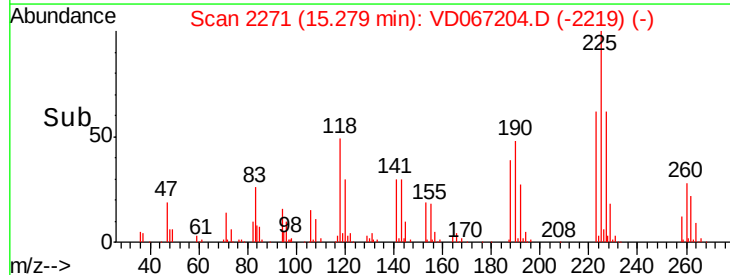
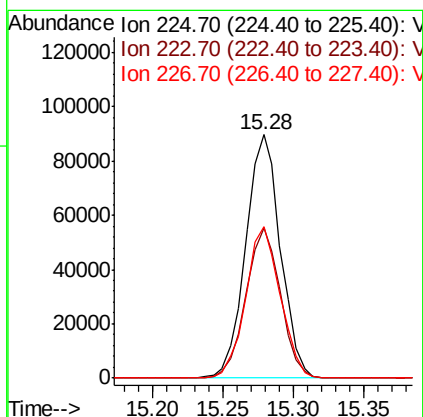
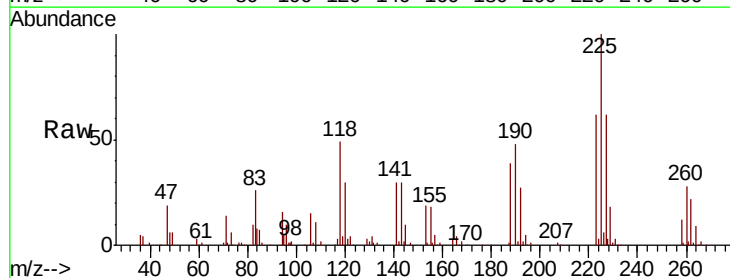
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

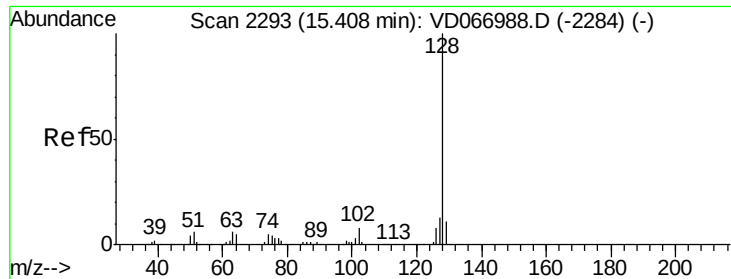
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.3	142.0
145	32.7	16.4	49.1



#94
 Hexachlorobutadiene
 Concen: 60.376 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067204.D
 Acq: 09 Oct 2020 11:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	32.4	97.0
227	61.7	31.6	95.0

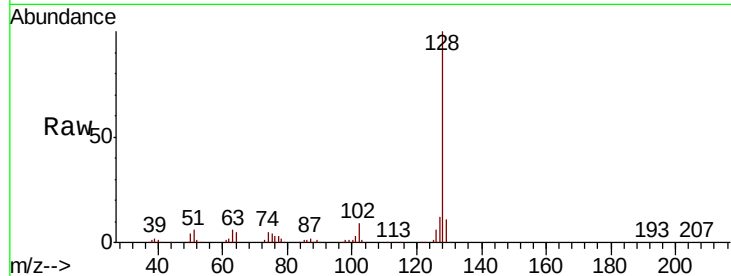




#95
Naphthalene
Concen: 56.123 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.3	8.6	13.0

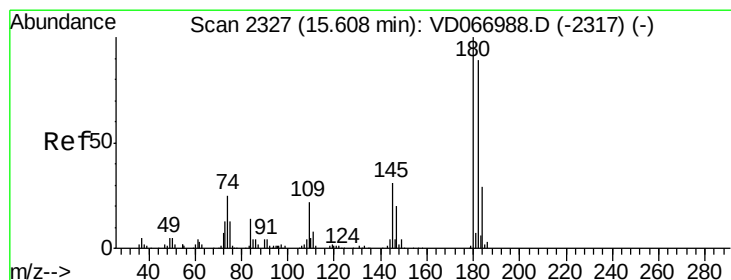
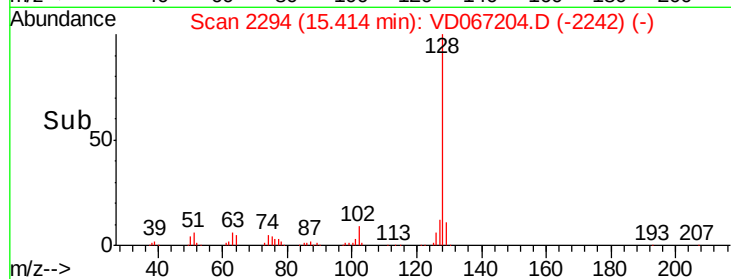
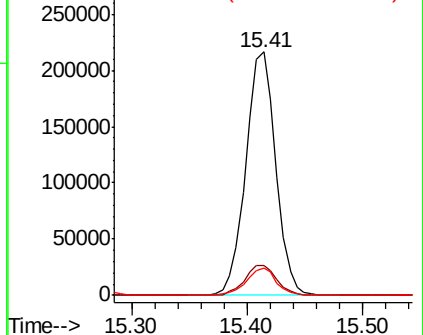


Abundance

Ion 128.00 (127.70 to 128.70): V

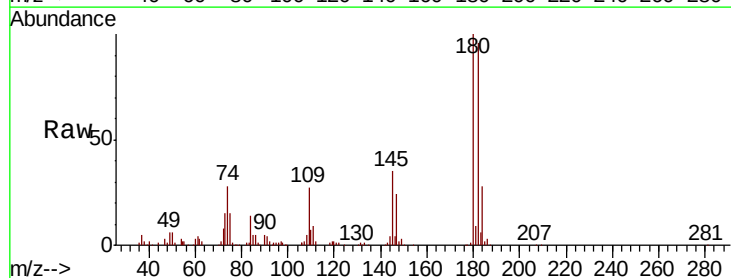
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 55.099 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD067204.D
Acq: 09 Oct 2020 11:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	46.4	139.1
145	34.7	16.6	49.7



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

