

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101520\
 Data File : VD067274.D
 Acq On : 15 Oct 2020 10:44
 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 16 01:00:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	335868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	493795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	450076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	227131	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	156028	46.37	ug/l	0.00
Spiked Amount			Recovery	=	92.74%	
35) Dibromofluoromethane	7.91	113	160312	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
50) Toluene-d8	10.34	98	584704	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.64	95	202056	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	137304	51.018	ug/l	99
3) Chloromethane	2.20	50	95159	45.018	ug/l	95
4) Vinyl Chloride	2.35	62	105116	45.323	ug/l	99
5) Bromomethane	2.77	94	77656	48.023	ug/l	94
6) Chloroethane	2.92	64	66863	46.292	ug/l	93
7) Trichlorofluoromethane	3.27	101	277827	47.572	ug/l	98
8) Diethyl Ether	3.71	74	61669	46.147	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	149968	48.333	ug/l	99
10) Methyl Iodide	4.30	142	133727	46.721	ug/l	97
11) Tert butyl alcohol	5.21	59	17733	68.207	ug/l #	87
12) 1,1-Dichloroethene	4.06	96	132961	47.966	ug/l	92
13) Acrolein	3.92	56	44965	225.878	ug/l	98
14) Allyl chloride	4.71	41	146998	46.307	ug/l	99
15) Acrylonitrile	5.41	53	109033	244.518	ug/l	99
16) Acetone	4.15	43	130587	277.105	ug/l	94
17) Carbon Disulfide	4.41	76	366613	46.393	ug/l	99
18) Methyl Acetate	4.71	43	47764	44.437	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	272456	49.431	ug/l	96
20) Methylene Chloride	4.96	84	144854	47.788	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	151577	47.517	ug/l	96
22) Diisopropyl ether	6.36	45	286497	49.405	ug/l	95
23) Vinyl Acetate	6.30	43	861152	261.024	ug/l	100
24) 1,1-Dichloroethane	6.27	63	239629	48.274	ug/l	96
25) 2-Butanone	7.21	43	131165	244.172	ug/l	90
26) 2,2-Dichloropropane	7.21	77	249876	48.838	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	167863	48.015	ug/l	98
28) Bromochloromethane	7.55	49	82682	48.834	ug/l #	99
29) Tetrahydrofuran	7.56	42	74255	248.670	ug/l	98
30) Chloroform	7.71	83	287569	48.495	ug/l	89
31) Cyclohexane	7.98	56	175190	45.203	ug/l	91
32) 1,1,1-Trichloroethane	7.90	97	286673	49.271	ug/l	99
36) 1,1-Dichloropropene	8.11	75	202922	48.485	ug/l	98
37) Ethyl Acetate	7.29	43	60831	49.401	ug/l #	93
38) Carbon Tetrachloride	8.10	117	269173	50.321	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	221995	50.738	ug/l	99
40) Benzene	8.35	78	565484	49.251	ug/l	99
41) Methacrylonitrile	7.52	41	31450	47.264	ug/l	95
42) 1,2-Dichloroethane	8.43	62	178690	49.730	ug/l	100
43) Isopropyl Acetate	8.45	43	122239	50.029	ug/l	99
44) Trichloroethene	9.11	130	180290	49.043	ug/l	100
45) 1,2-Dichloropropane	9.39	63	129081	48.509	ug/l	99
46) Dibromomethane	9.48	93	82785	49.933	ug/l	94
47) Bromodichloromethane	9.66	83	222219	50.027	ug/l	97
48) Methyl methacrylate	9.46	41	60696	51.117	ug/l	94
49) 1,4-Dioxane	9.47	88	17720	1107.714	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	305638	250.795	ug/l	100
52) Toluene	10.41	92	397081	50.776	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	198288	50.816	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	227865	49.898	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	111977	49.530	ug/l	95
56) Ethyl methacrylate	10.66	69	120572	51.423	ug/l	97
57) 1,3-Dichloropropane	10.95	76	180245	50.097	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	304777	253.383	ug/l	98
59) 2-Hexanone	10.99	43	227044	272.641	ug/l	100
60) Dibromochloromethane	11.14	129	161878	49.097	ug/l	98
61) 1,2-Dibromoethane	11.25	107	108633	48.740	ug/l	98
64) Tetrachloroethene	10.88	164	160760	49.299	ug/l	96
65) Chlorobenzene	11.67	112	428475	49.645	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	173132	50.472	ug/l	98
67) Ethyl Benzene	11.75	91	754113	50.972	ug/l	99
68) m/p-Xylenes	11.86	106	585549	102.778	ug/l	99
69) o-Xylene	12.18	106	268954	50.980	ug/l	95
70) Styrene	12.20	104	470621	51.821	ug/l	99
71) Bromoform	12.37	173	94935	51.517	ug/l #	100
73) Isopropylbenzene	12.48	105	768092	53.283	ug/l	100
74) N-amyl acetate	12.29	43	110426	50.720	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	111831	50.631	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	150693	95.725	ug/l #	100
77) Bromobenzene	12.77	156	177829	49.481	ug/l	96
78) n-propylbenzene	12.83	91	871176	52.160	ug/l	99
79) 2-Chlorotoluene	12.91	91	499619	51.583	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	657480	52.486	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	35644	51.346	ug/l	96
82) 4-Chlorotoluene	13.01	91	526666	51.232	ug/l	100
83) tert-Butylbenzene	13.23	119	561001	53.017	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	648667	52.392	ug/l	99
85) sec-Butylbenzene	13.41	105	748911	51.580	ug/l	99
86) p-Isopropyltoluene	13.52	119	722969	52.754	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	346339	50.068	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	348255	50.815	ug/l	100
89) n-Butylbenzene	13.85	91	638708	52.977	ug/l	99
90) Hexachloroethane	14.12	117	120313	50.309	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	301265	49.854	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19857	49.486	ug/l	95

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QLast Update : Wed Oct 14 03:30:30 2020
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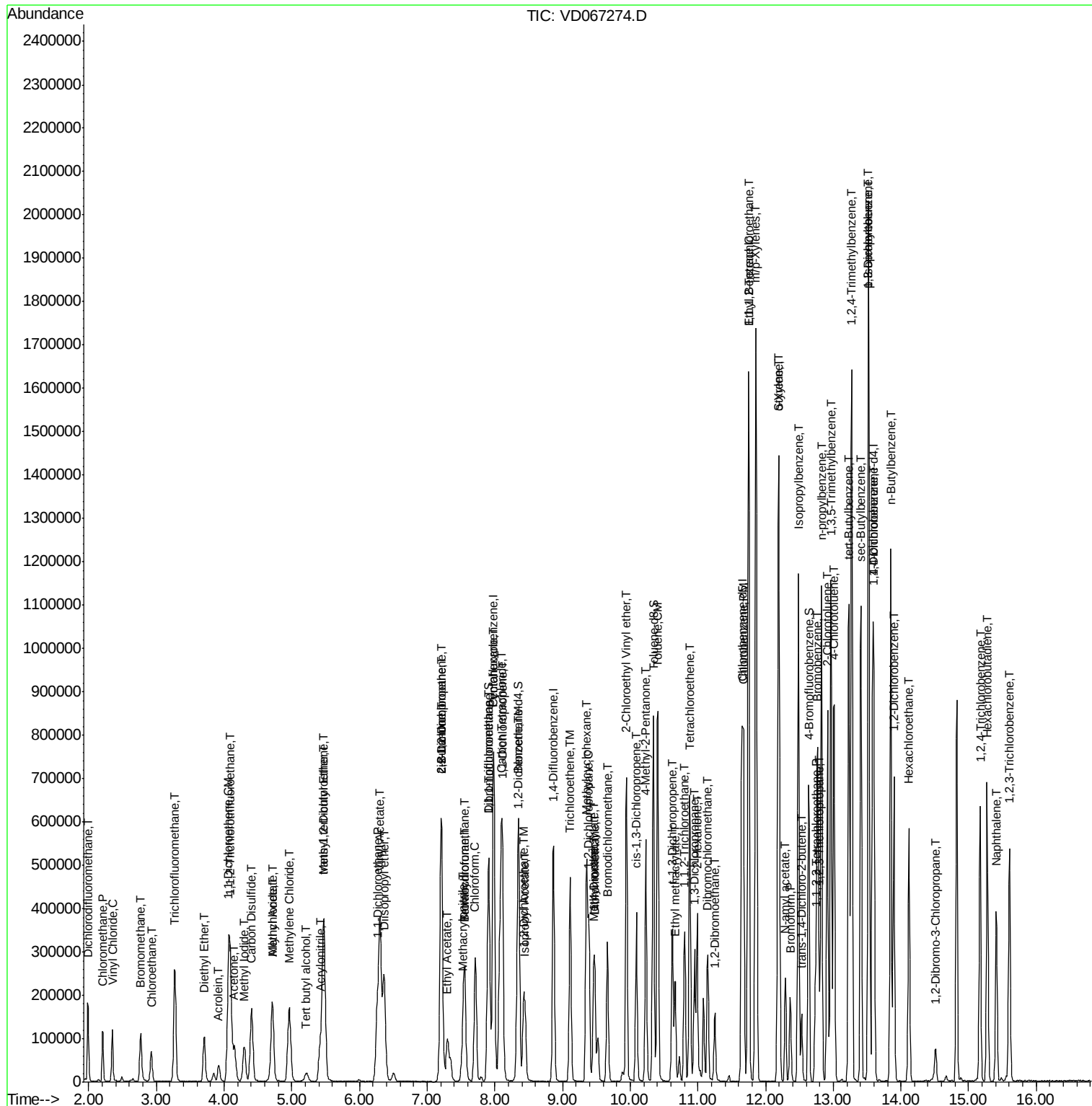
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	211928	52.016	ug/l	98
94) Hexachlorobutadiene	15.27	225	134199	53.041	ug/l	98
95) Naphthalene	15.41	128	356918	53.356	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	185439	52.684	ug/l	99

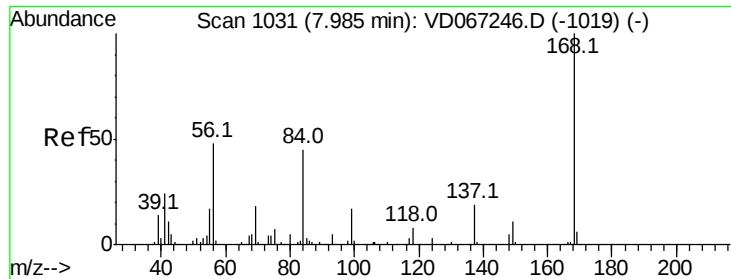
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

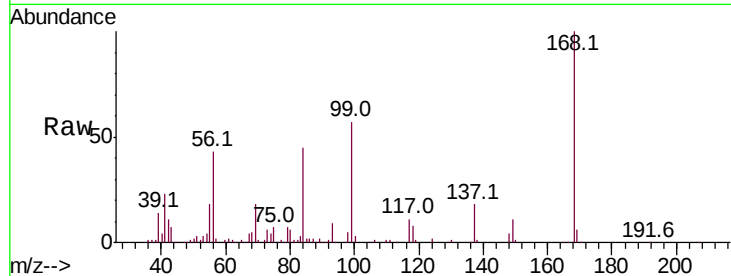
VSTDCCC050

Tot Ion:168 Resp: 335868

Ion Ratio Lower Upper

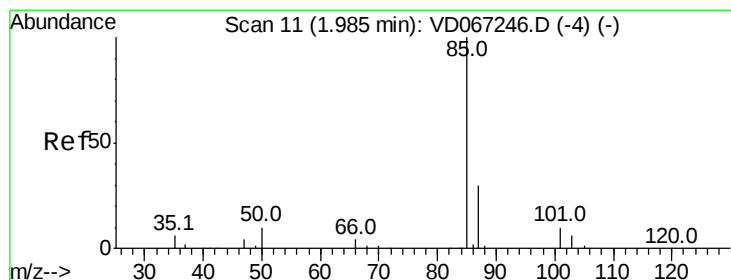
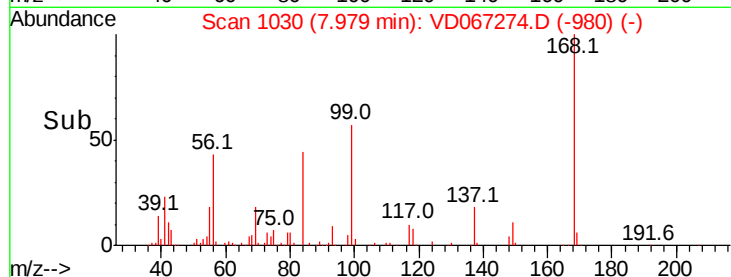
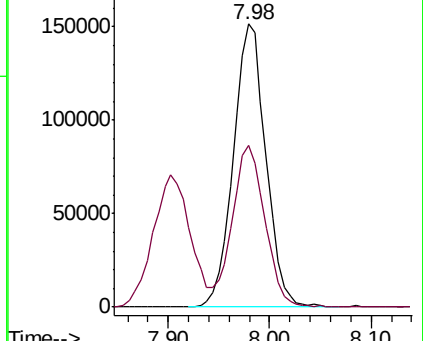
168 100

99 56.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 51.018 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067274.D

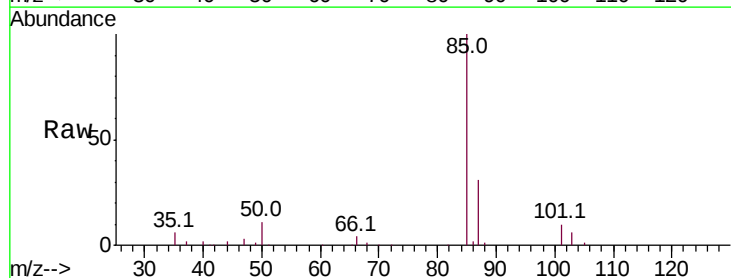
Acq: 15 Oct 2020 10:44

Tgt Ion: 85 Resp: 137304

Ion Ratio Lower Upper

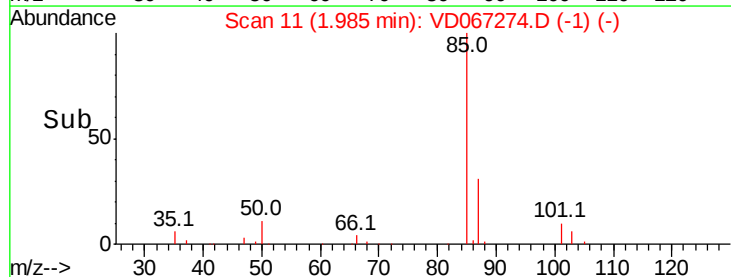
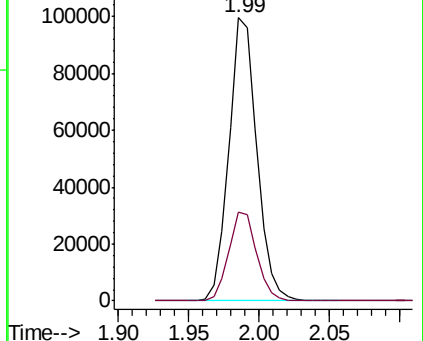
85 100

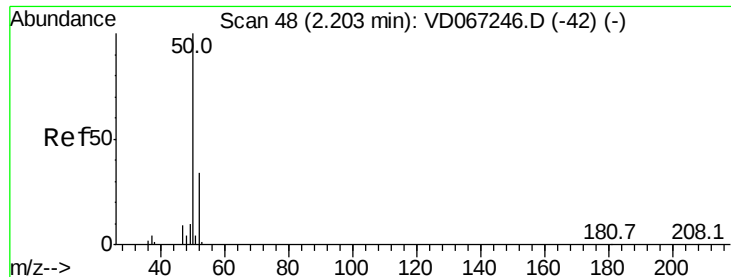
87 31.2 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 45.018 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

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ClientSampleId :

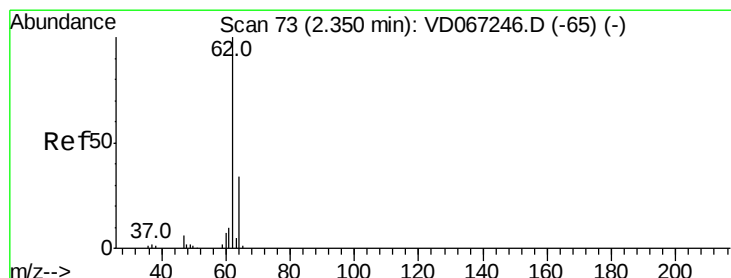
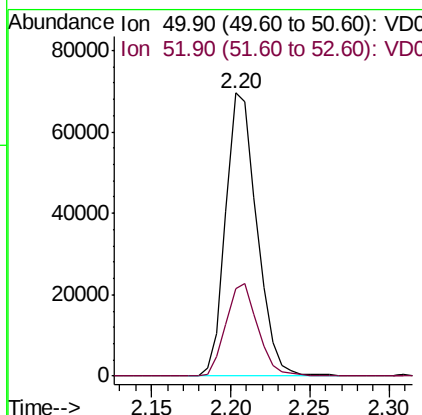
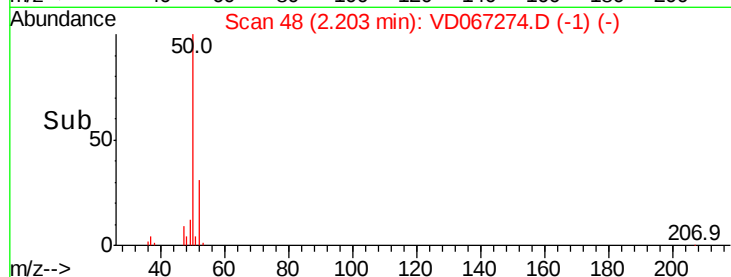
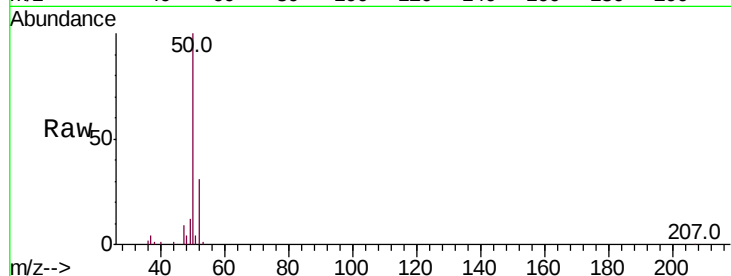
VSTDCCC050

Tot Ion: 50 Resp: 95159

Ion Ratio Lower Upper

50 100

52 30.8 27.1 40.7



#4

Vinyl Chloride

Concen: 45.323 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067274.D

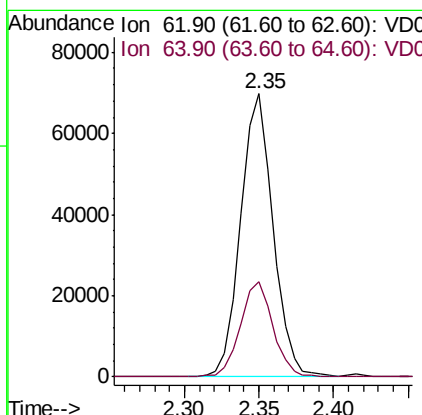
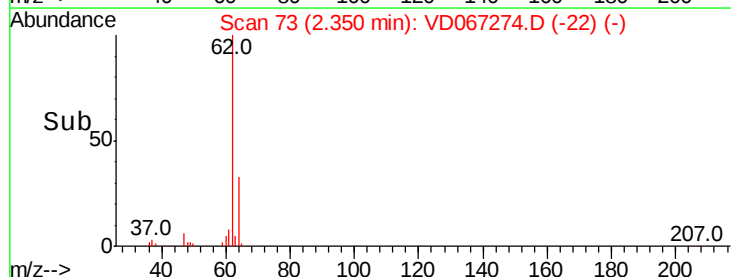
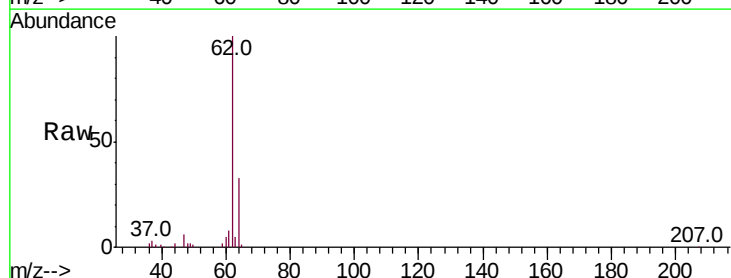
Acq: 15 Oct 2020 10:44

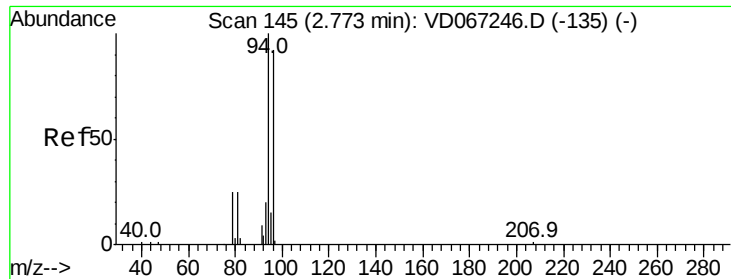
Tgt Ion: 62 Resp: 105116

Ion Ratio Lower Upper

62 100

64 33.4 27.4 41.0





#5

Bromomethane

Concen: 48.023 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

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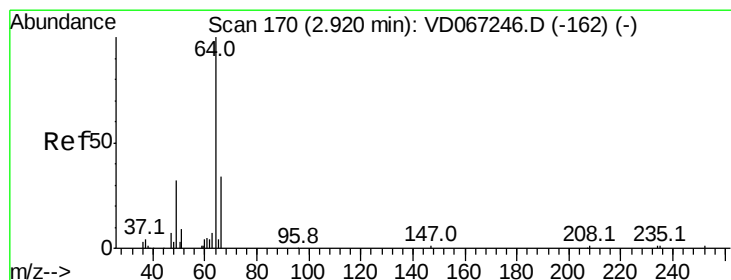
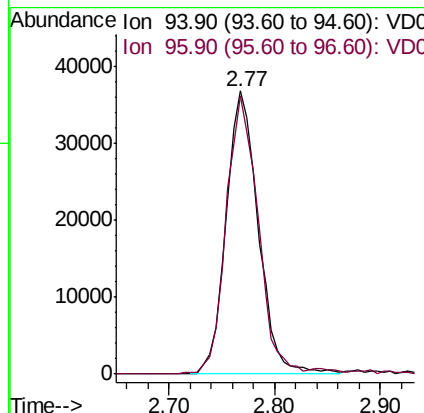
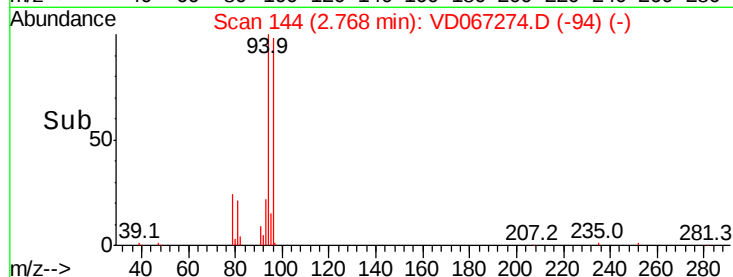
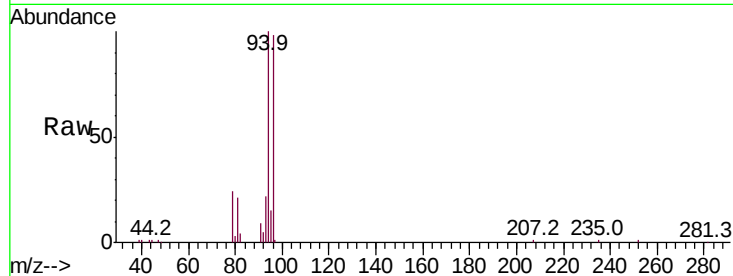
VSTDCCC050

Tot Ion: 94 Resp: 77656

Ion Ratio Lower Upper

94 100

96 97.8 73.8 110.6



#6

Chloroethane

Concen: 46.292 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067274.D

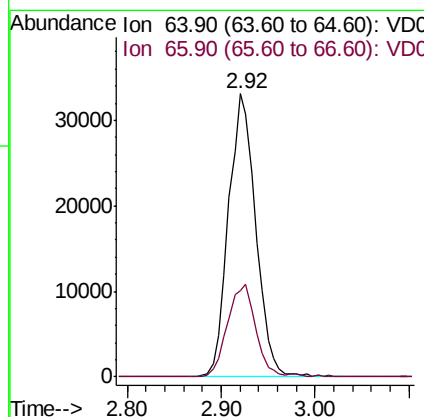
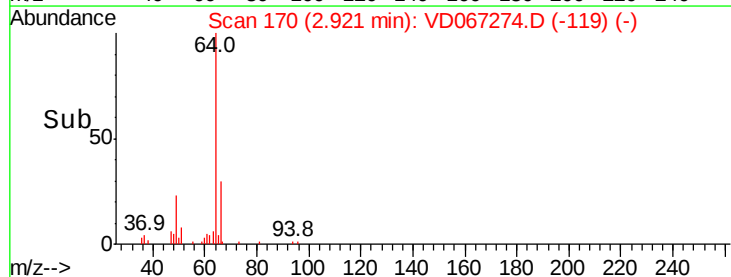
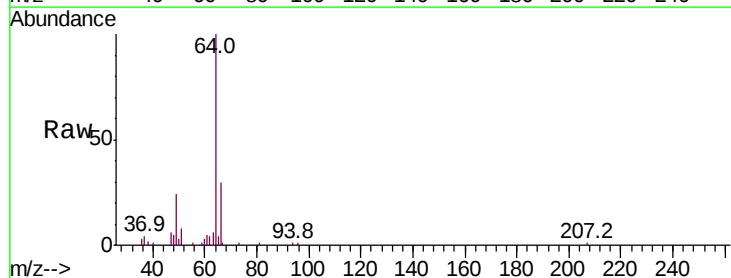
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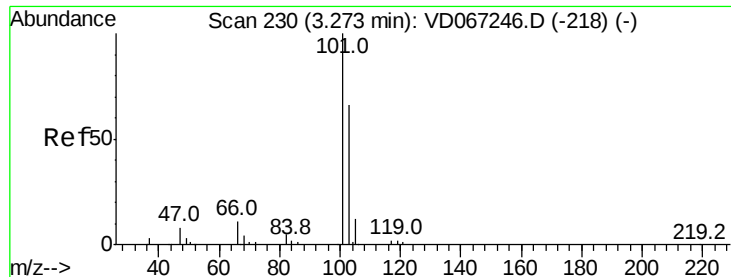
Tgt Ion: 64 Resp: 66863

Ion Ratio Lower Upper

64 100

66 30.3 27.4 41.0



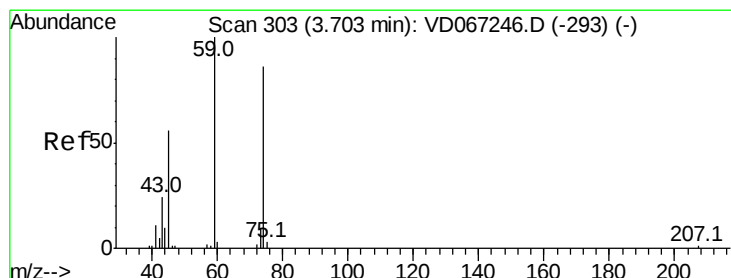
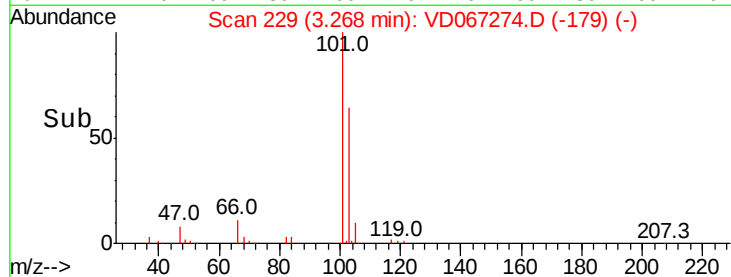
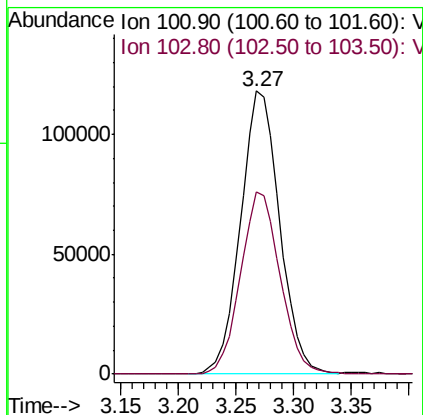
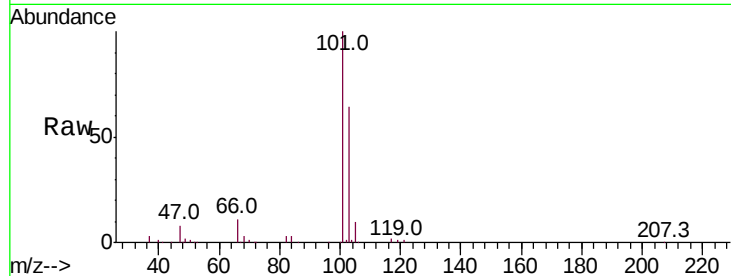


#7

Trichlorofluoromethane
 Concen: 47.572 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD067274.D
 Acq: 15 Oct 2020 10:44

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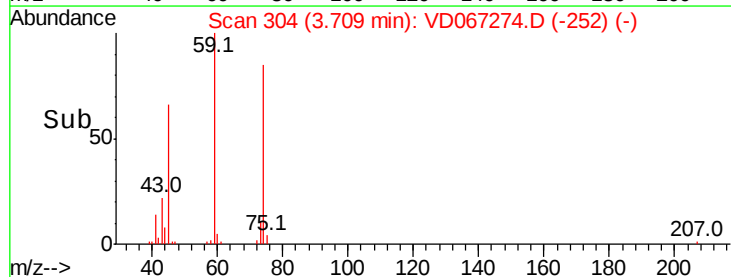
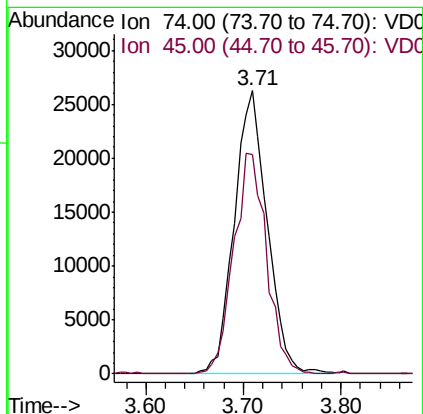
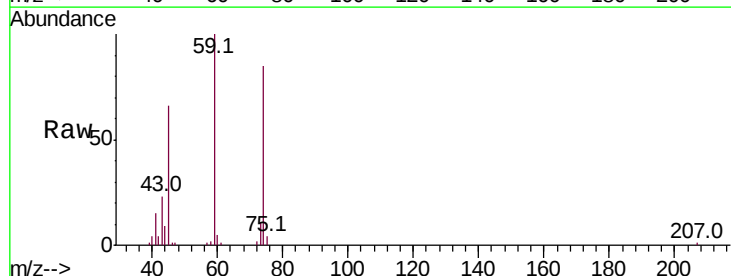
Tot Ion:101 Resp: 277827
 Ion Ratio Lower Upper
 101 100
 103 64.4 53.1 79.7

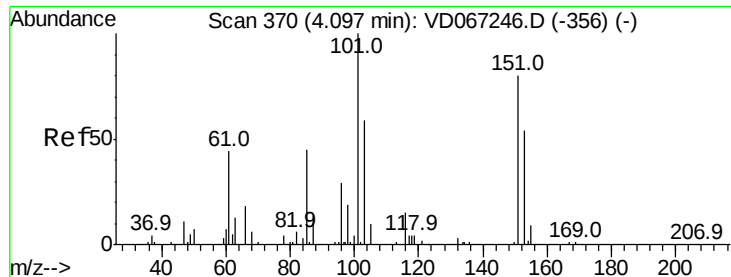


#8

Diethyl Ether
 Concen: 46.147 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD067274.D
 Acq: 15 Oct 2020 10:44

Tgt Ion: 74 Resp: 61669
 Ion Ratio Lower Upper
 74 100
 45 77.6 37.0 111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.333 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

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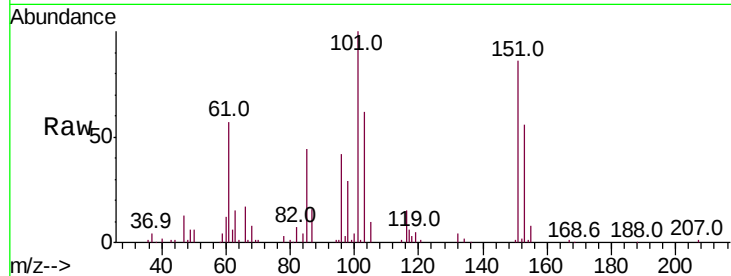
Tot Ion:101 Resp: 149968

Ion Ratio Lower Upper

101 100

85 41.9 34.2 51.4

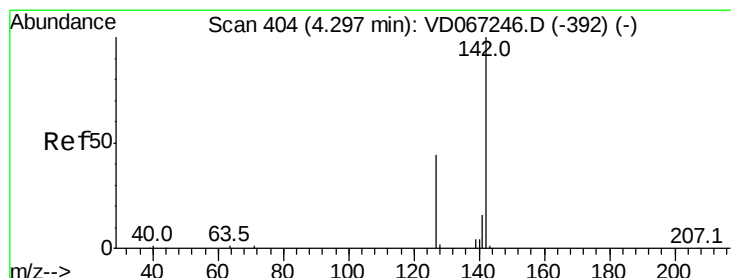
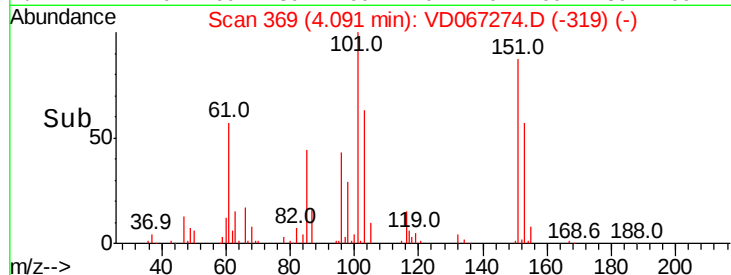
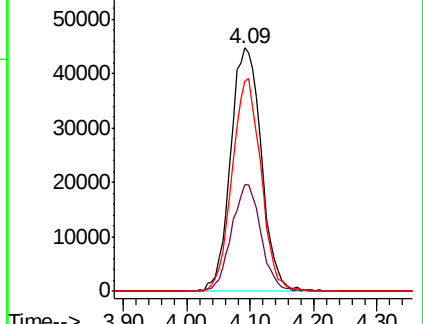
151 82.0 66.3 99.5



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: 46.721 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

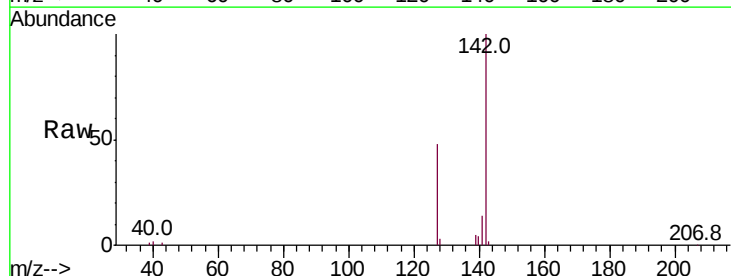
Tgt Ion:142 Resp: 133727

Ion Ratio Lower Upper

142 100

127 50.6 38.4 57.6

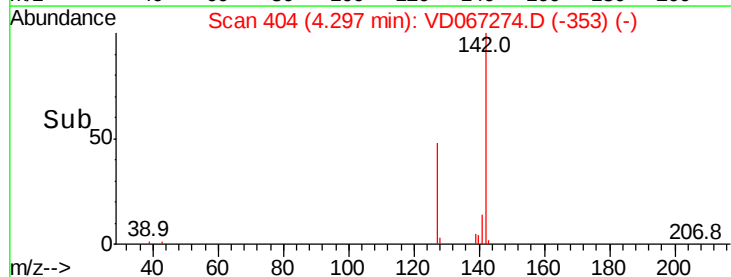
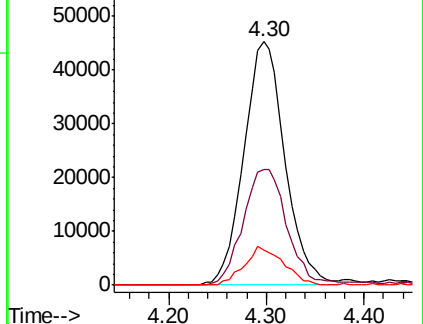
141 15.0 11.6 17.4

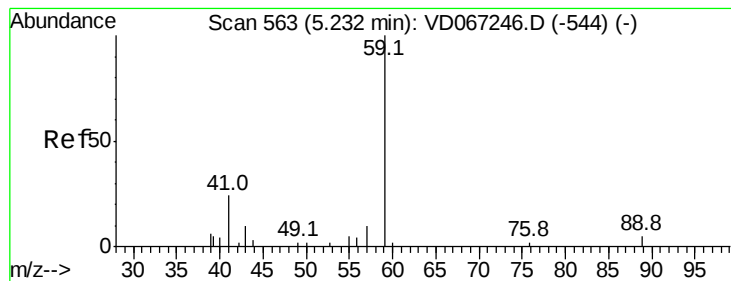


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



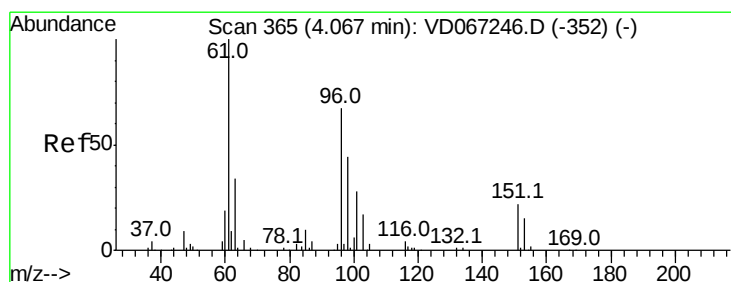
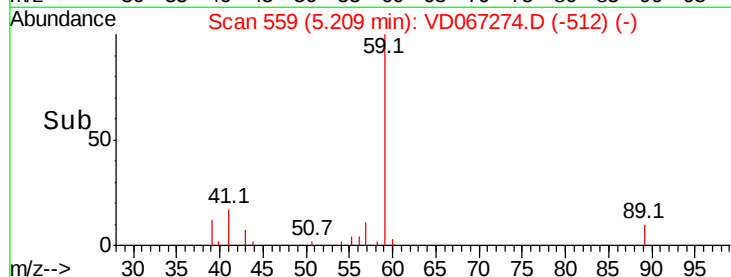
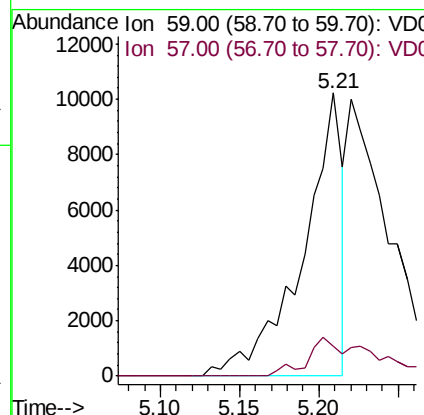
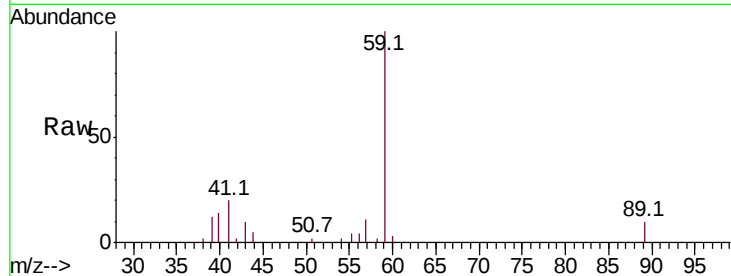


#11

Tert butyl alcohol
 Concen: 68.207 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD067274.D
 Acq: 15 Oct 2020 10:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

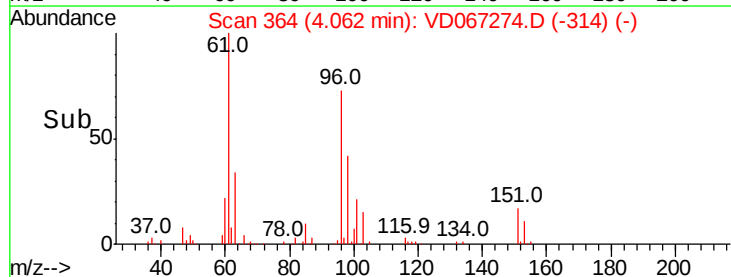
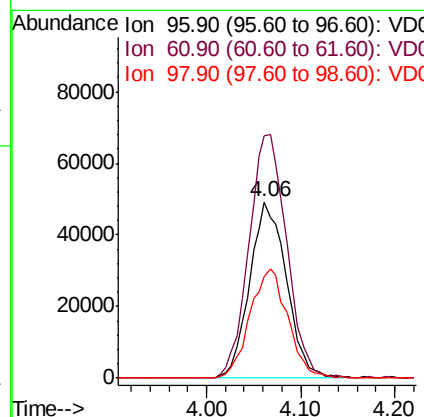
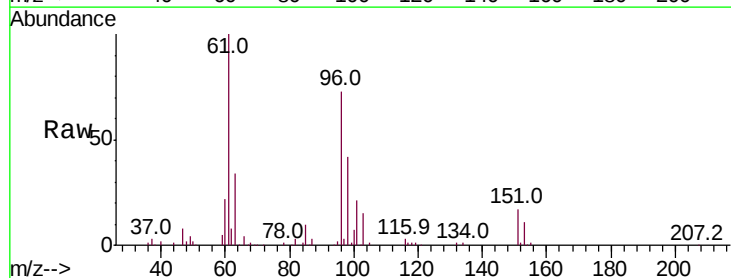
Tot Ion: 59 Resp: 17733
 Ion Ratio Lower Upper
 59 100
 57 10.9 5.1 7.7#

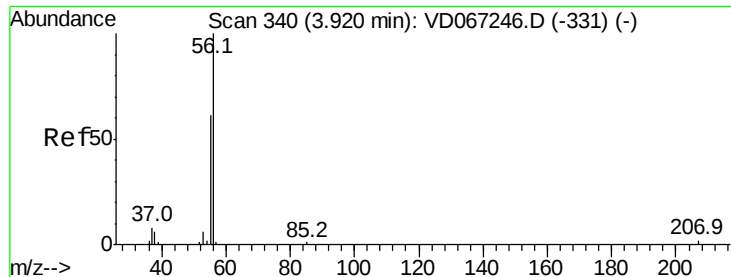


#12

1,1-Dichloroethene
 Concen: 47.966 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD067274.D
 Acq: 15 Oct 2020 10:44

Tgt Ion: 96 Resp: 132961
 Ion Ratio Lower Upper
 96 100
 61 137.8 118.6 177.8
 98 57.9 51.8 77.6





#13

Acrolein

Concen: 225.878 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

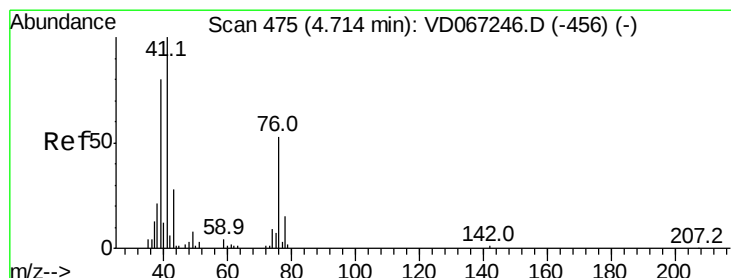
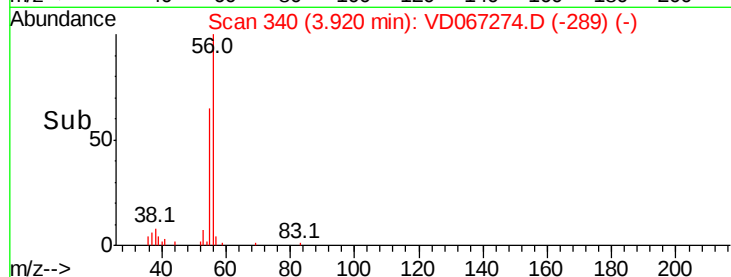
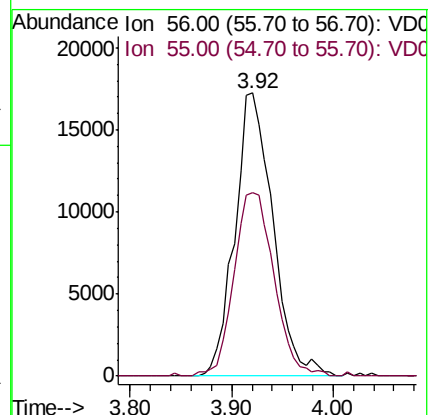
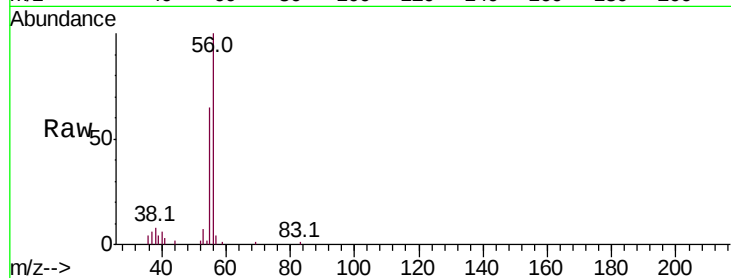
VSTDCCC050

Tot Ion: 56 Resp: 44965

Ion Ratio Lower Upper

56 100

55 68.3 56.0 84.0



#14

Allyl chloride

Concen: 46.307 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

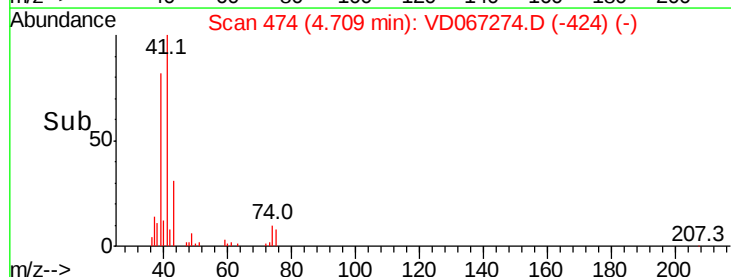
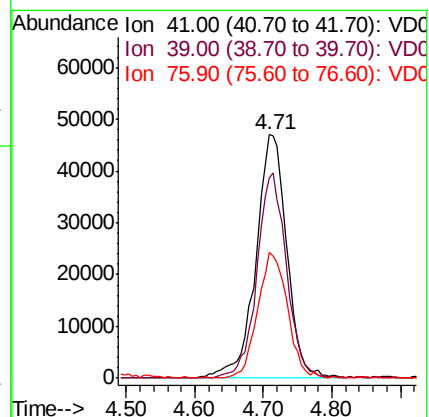
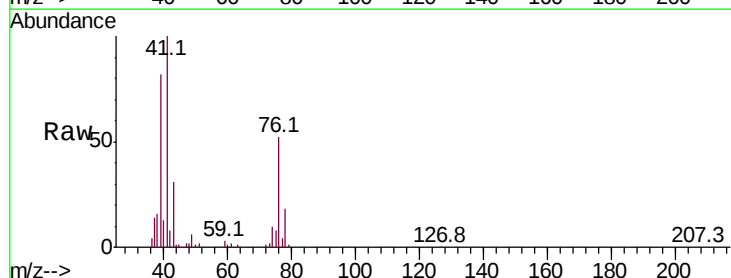
Tgt Ion: 41 Resp: 146998

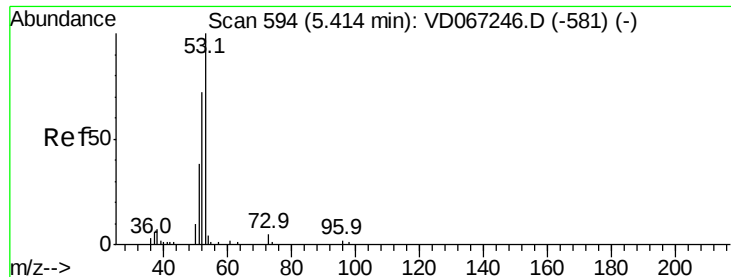
Ion Ratio Lower Upper

41 100

39 81.0 63.8 95.6

76 49.9 40.4 60.6





#15

Acrylonitrile

Concen: 244.518 ug/l

RT: 5.41 min Scan# 594

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

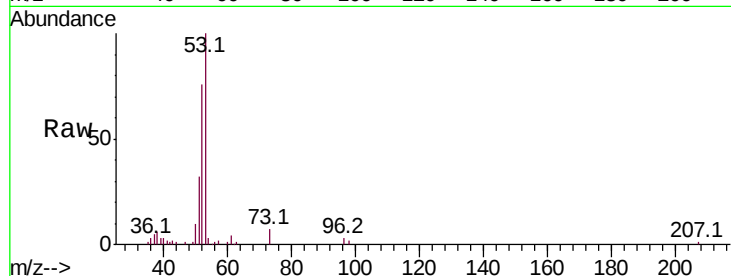
Tot Ion: 53 Resp: 109033

Ion Ratio Lower Upper

53 100

52 81.2 65.6 98.4

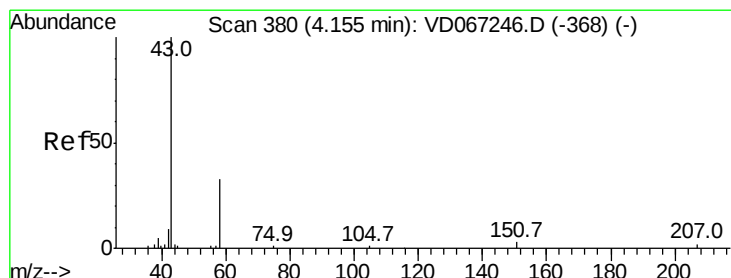
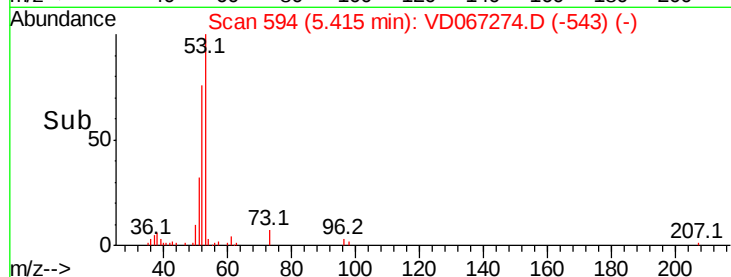
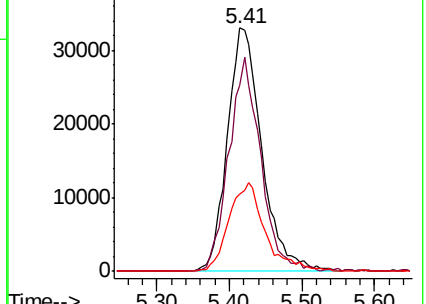
51 38.3 30.8 46.2



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: 277.105 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067274.D

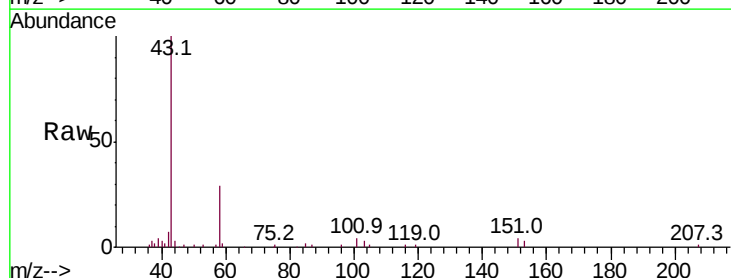
Acq: 15 Oct 2020 10:44

Tgt Ion: 43 Resp: 130587

Ion Ratio Lower Upper

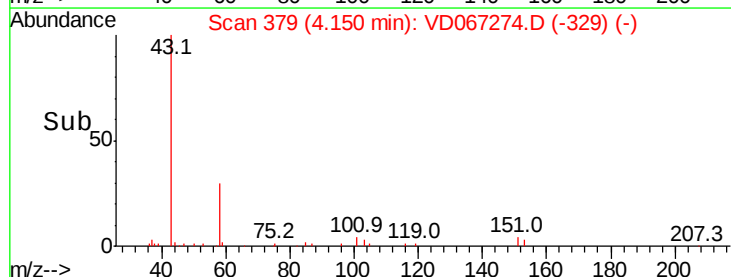
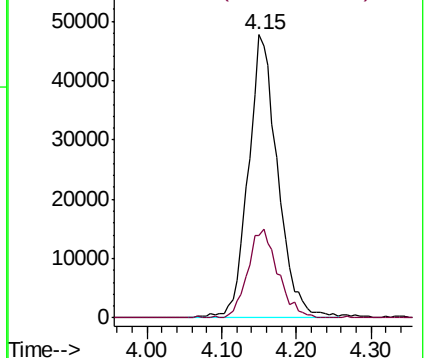
43 100

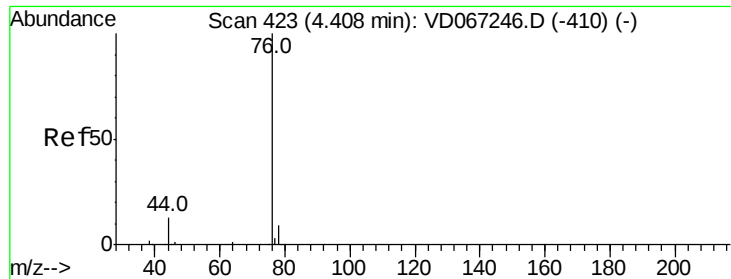
58 29.2 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

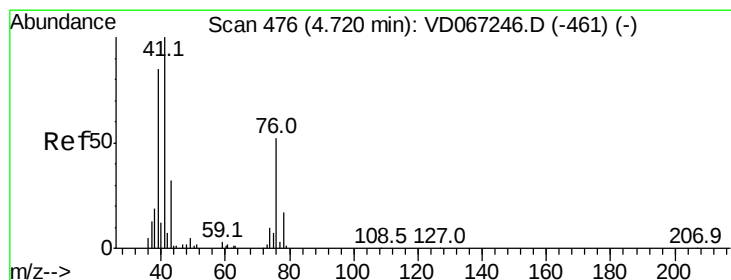
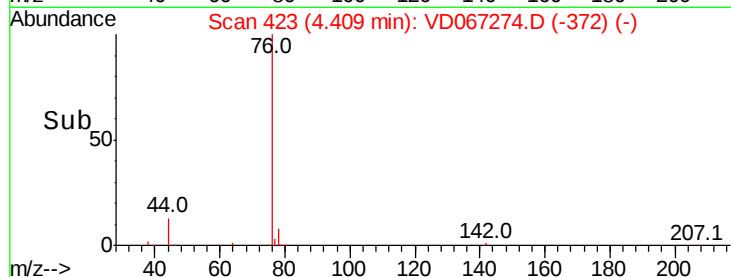
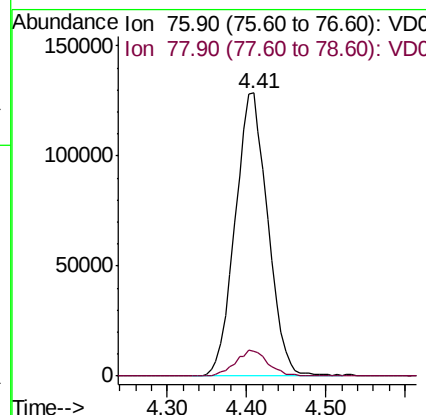
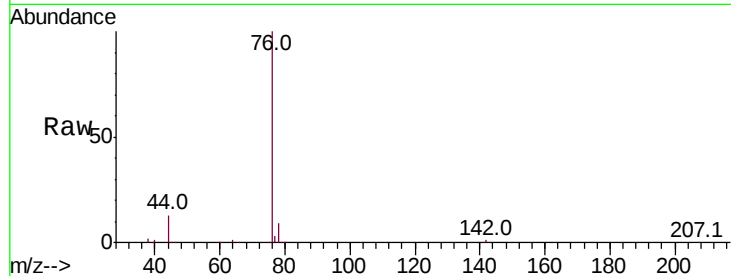




#17
Carbon Disulfide
Concen: 46.393 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

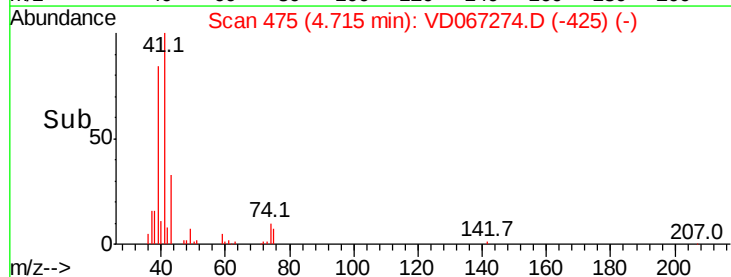
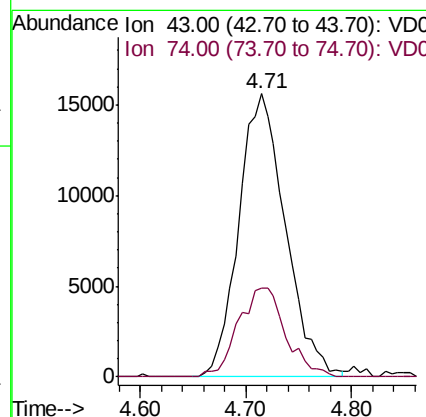
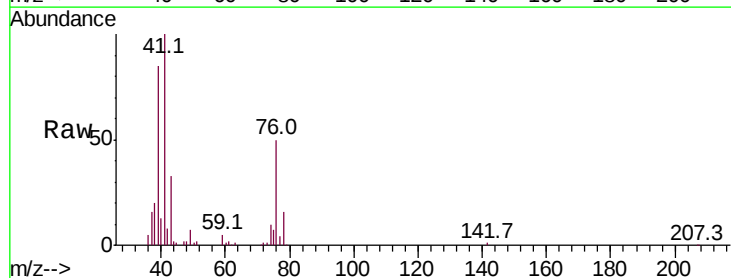
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

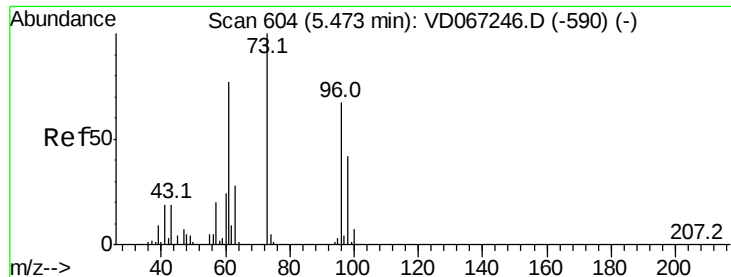
Tot Ion: 76 Resp: 366613
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 44.437 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

Tgt Ion: 43 Resp: 47764
Ion Ratio Lower Upper
43 100
74 32.1 26.6 39.8





#19

Methyl tert-butyl Ether

Concen: 49.431 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

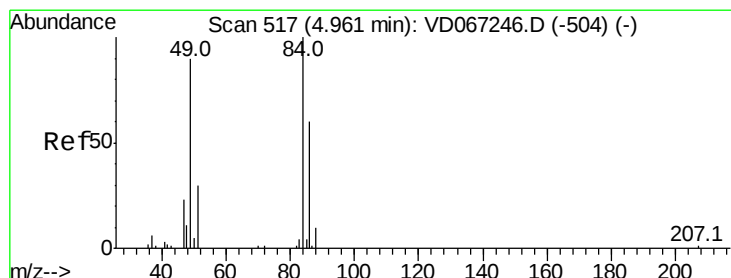
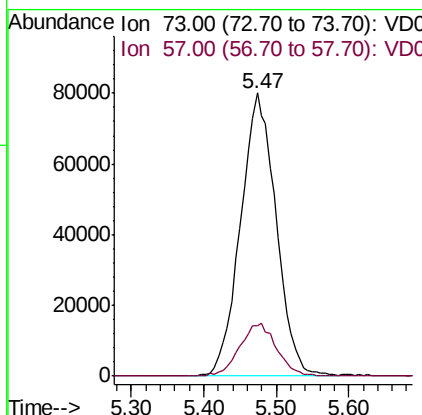
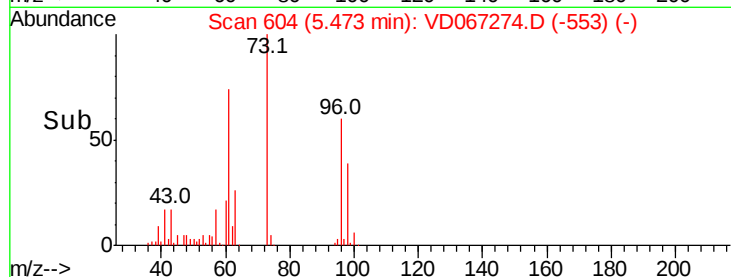
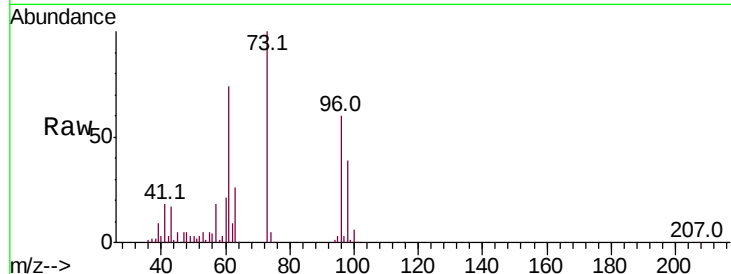
Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 272456

Ion	Ratio	Lower	Upper
73	100		
57	17.7	15.7	23.5



#20

Methylene Chloride

Concen: 47.788 ug/l

RT: 4.96 min Scan# 517

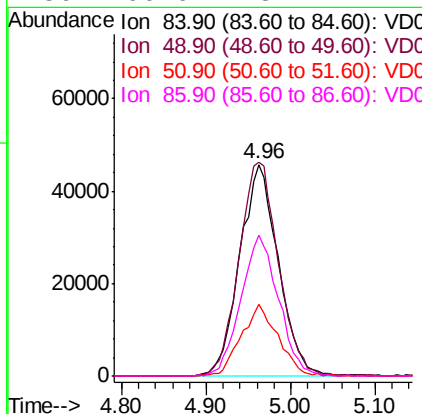
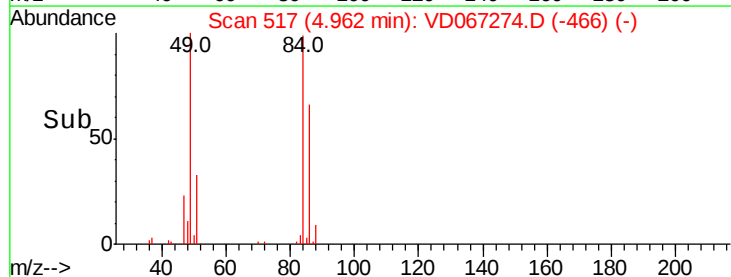
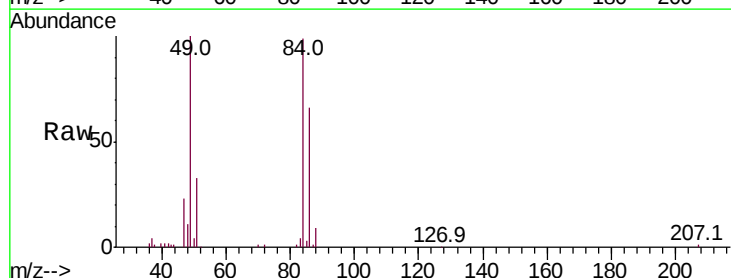
Delta R.T. 0.00 min

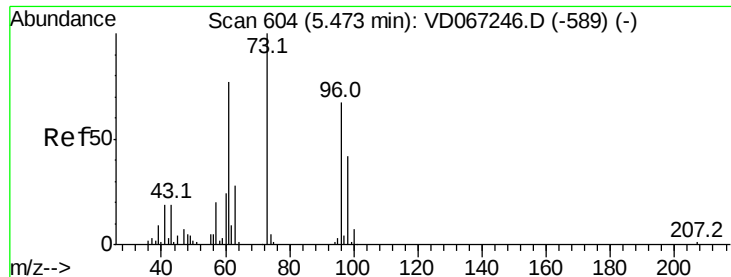
Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Tgt Ion: 84 Resp: 144854

Ion	Ratio	Lower	Upper
84	100		
49	101.1	72.2	108.2
51	33.7	23.8	35.8
86	66.6	48.2	72.4





#21

trans-1,2-Dichloroethene

Concen: 47.517 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

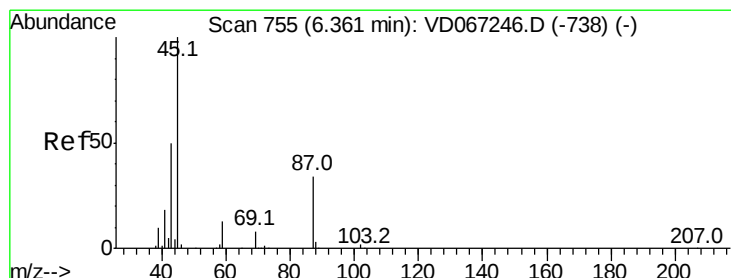
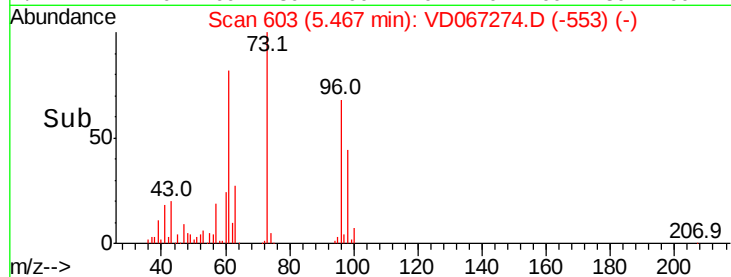
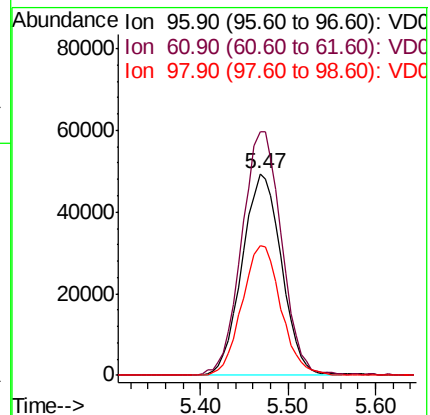
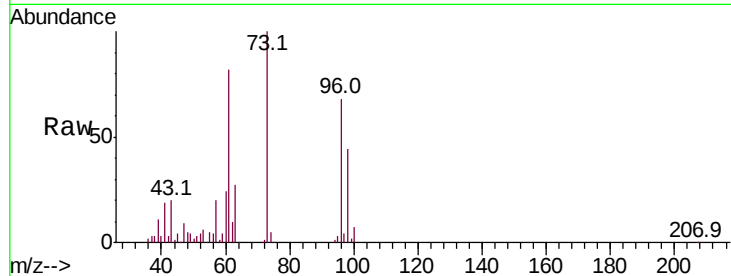
Tot Ion: 96 Resp: 151577

Ion Ratio Lower Upper

96 100

61 120.6 92.0 138.0

98 64.1 49.8 74.8



#22

Diisopropyl ether

Concen: 49.405 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Tgt Ion: 45 Resp: 286497

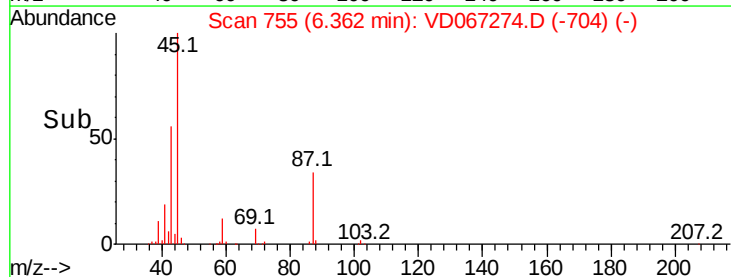
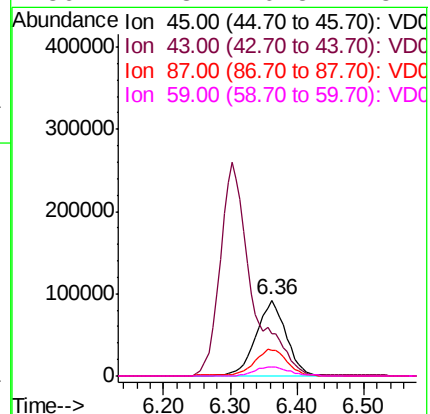
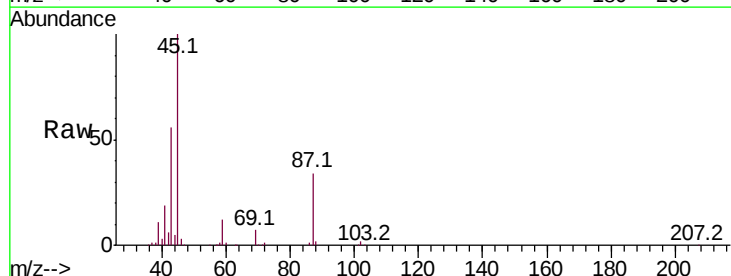
Ion Ratio Lower Upper

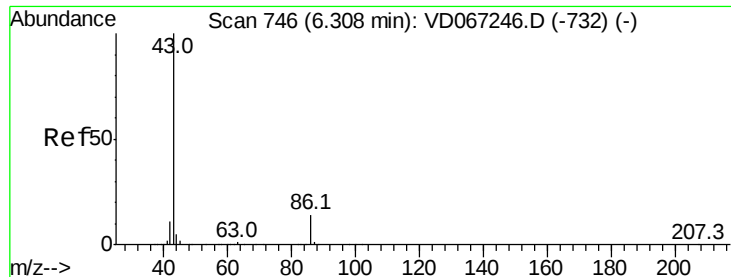
45 100

43 55.1 48.0 72.0

87 34.0 28.5 42.7

59 12.3 10.5 15.7





#23

Vinyl Acetate

Concen: 261.024 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

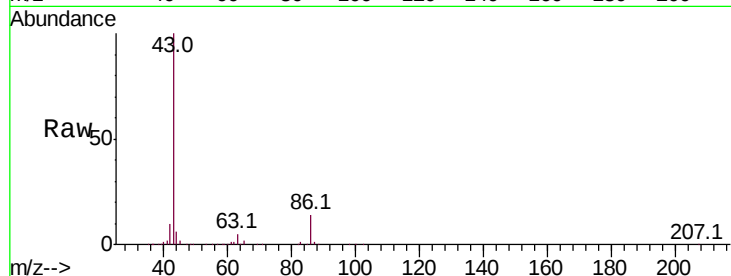
VSTDCCC050

Tot Ion: 43 Resp: 861152

Ion Ratio Lower Upper

43 100

86 13.7 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

250000

200000

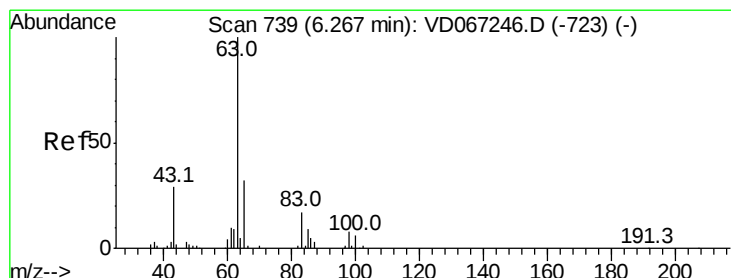
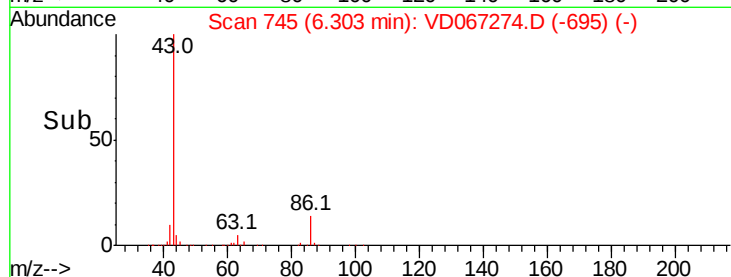
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.274 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

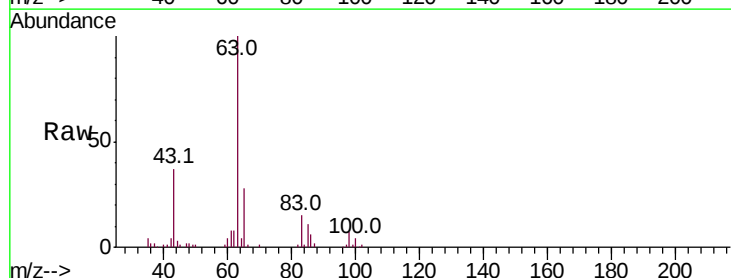
Tgt Ion: 63 Resp: 239629

Ion Ratio Lower Upper

63 100

98 6.7 4.0 12.2

100 4.5 2.8 8.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

100000

80000

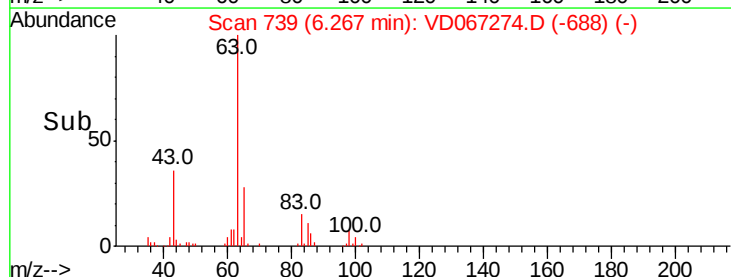
60000

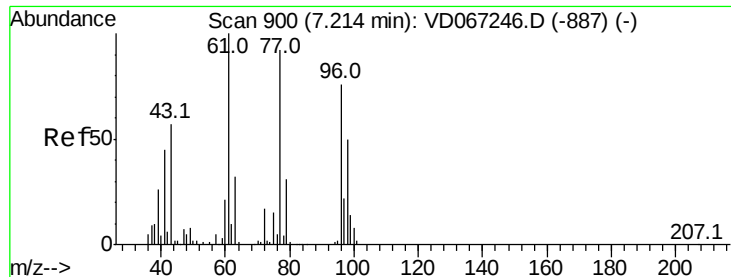
40000

20000

0

Time-->





#25

2-Butanone

Concen: 244.172 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

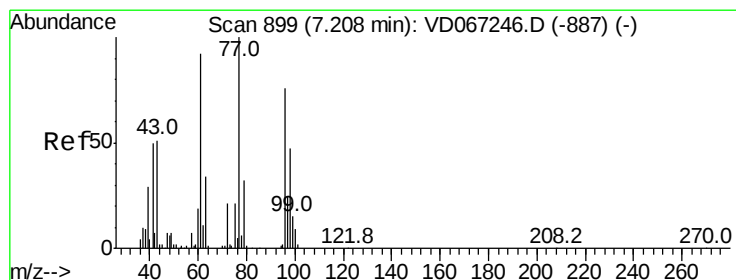
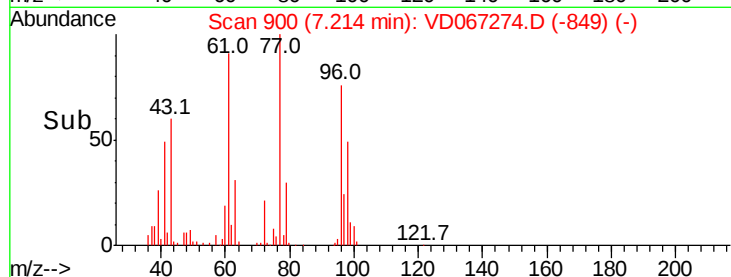
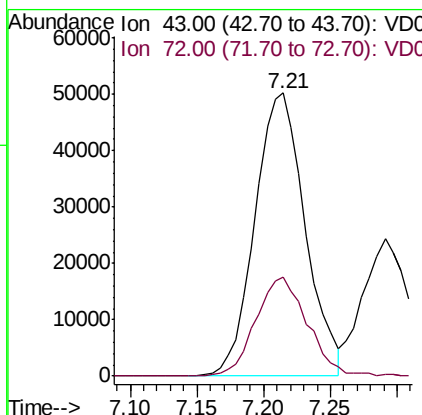
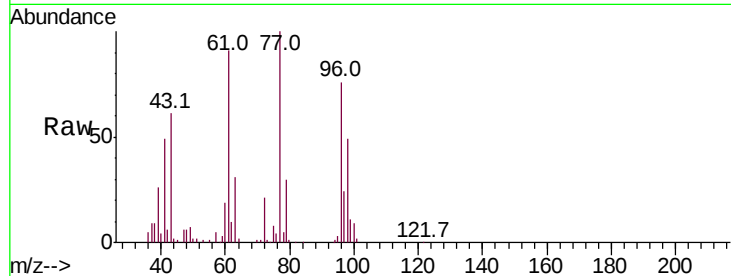
VSTDCCC050

Tot Ion: 43 Resp: 131165

Ion Ratio Lower Upper

43 100

72 34.8 23.7 35.5



#26

2,2-Dichloropropane

Concen: 48.838 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067274.D

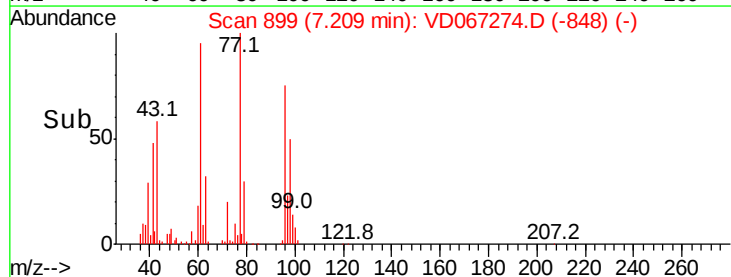
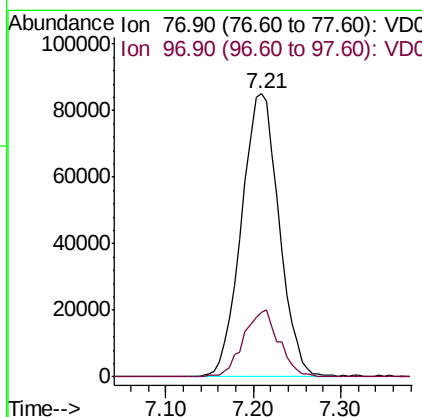
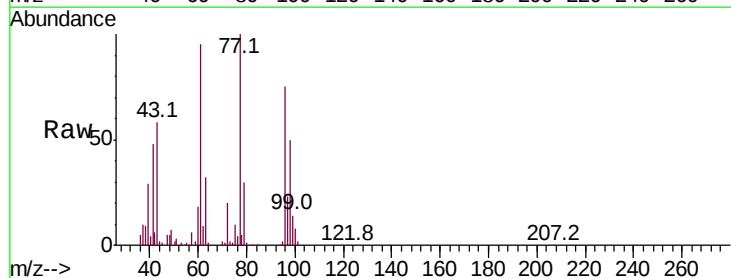
Acq: 15 Oct 2020 10:44

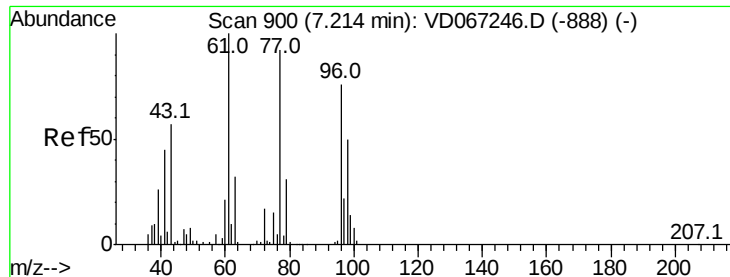
Tgt Ion: 77 Resp: 249876

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 48.015 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

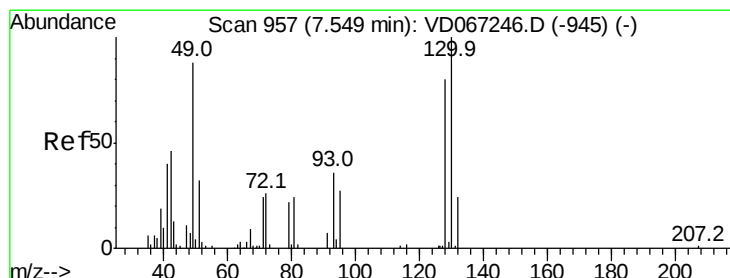
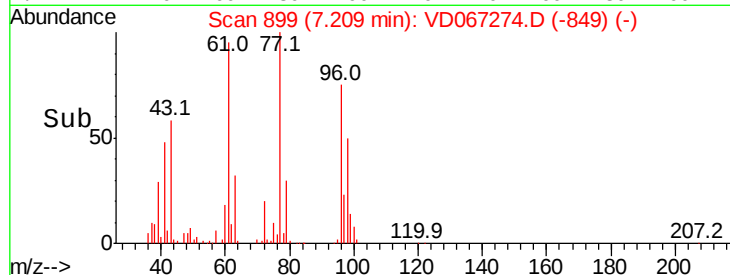
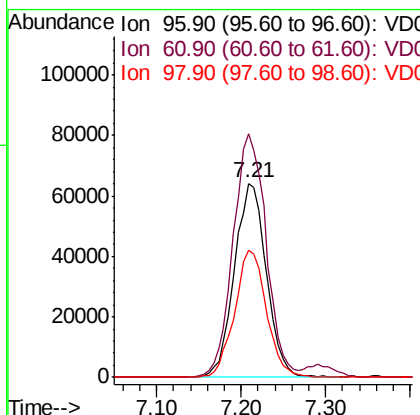
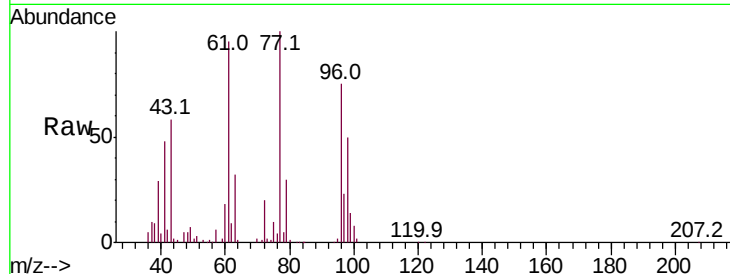
Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 167863

Ion	Ratio	Lower	Upper
96	100		
61	129.7	0.0	255.4
98	65.3	0.0	128.0



#28

Bromochloromethane

Concen: 48.834 ug/l

RT: 7.55 min Scan# 957

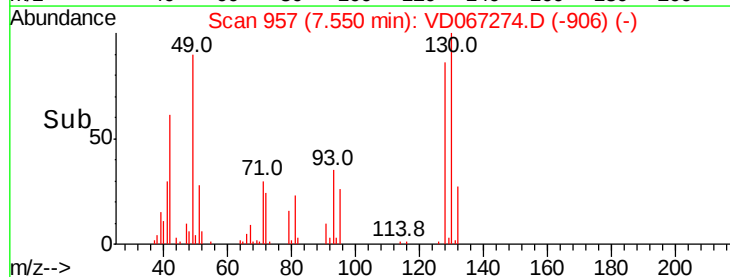
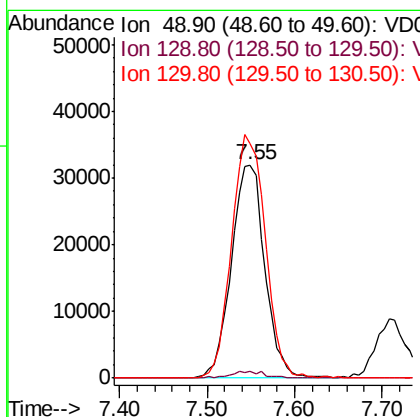
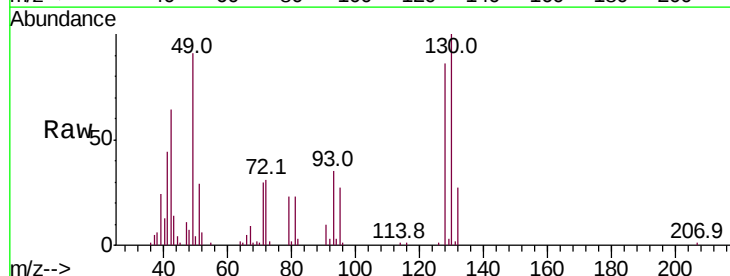
Delta R.T. 0.00 min

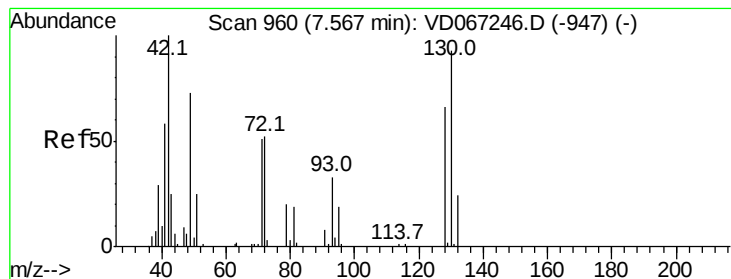
Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Tgt Ion: 49 Resp: 82682

Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	1.6#
130	115.3	91.0	136.6





#29

Tetrahydrofuran

Concen: 248.670 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

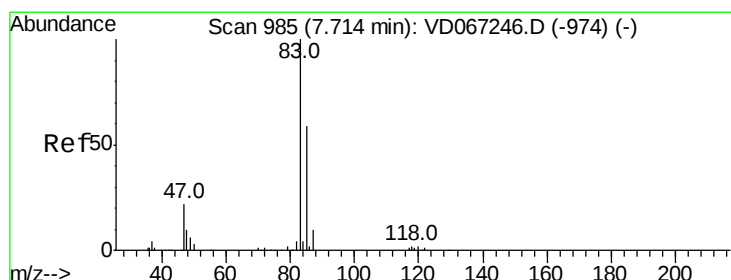
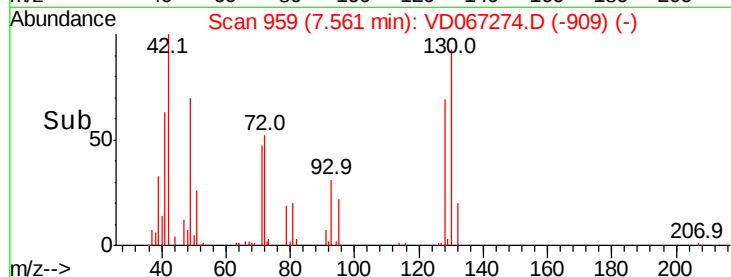
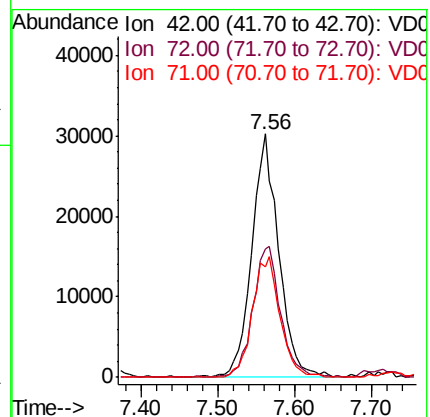
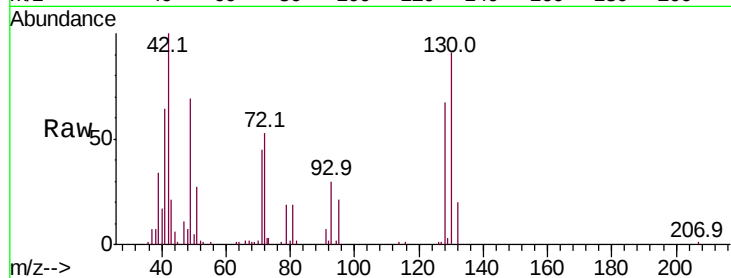
Tot Ion: 42 Resp: 74255

Ion Ratio Lower Upper

42 100

72 55.1 43.2 64.8

71 50.5 39.4 59.0



#30

Chloroform

Concen: 48.495 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD067274.D

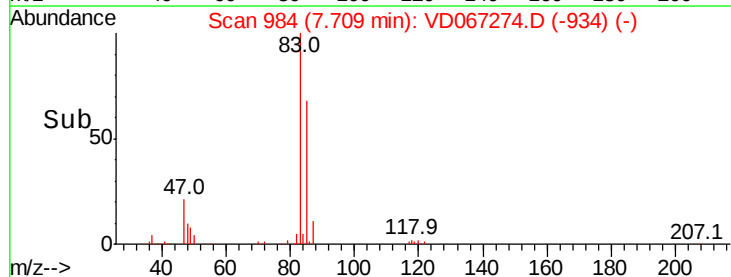
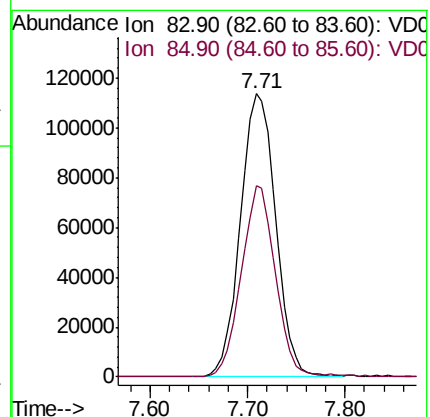
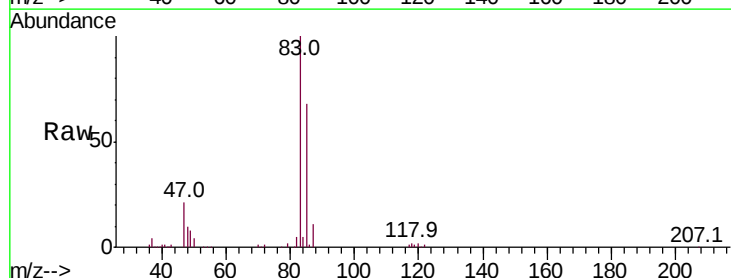
Acq: 15 Oct 2020 10:44

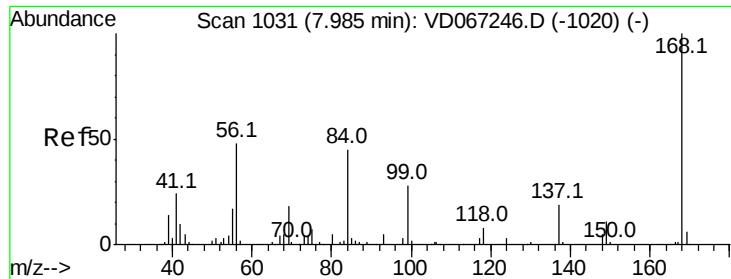
Tgt Ion: 83 Resp: 287569

Ion Ratio Lower Upper

83 100

85 67.5 47.3 70.9

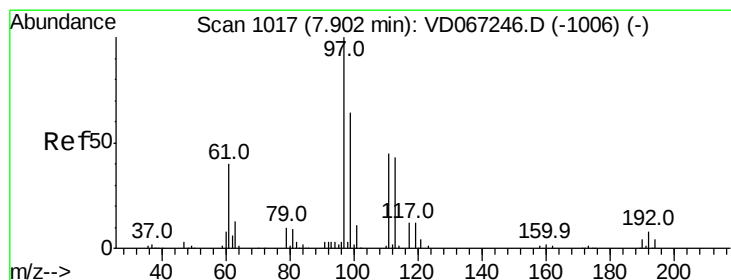
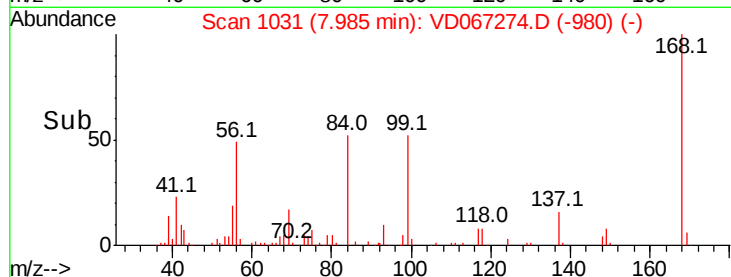
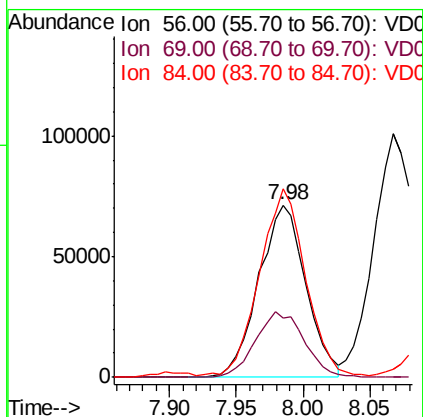
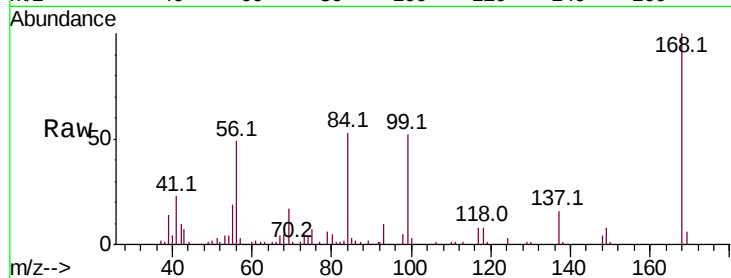




#31
Cyclohexane
Concen: 45.203 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

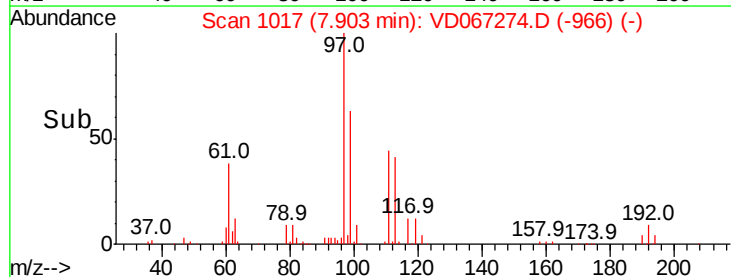
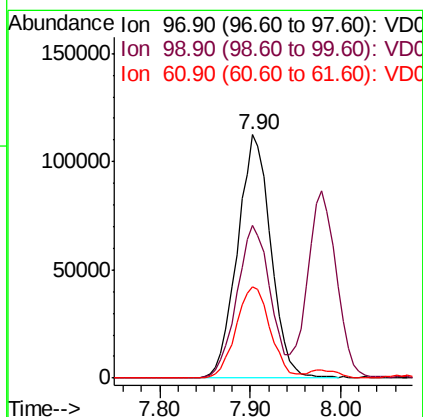
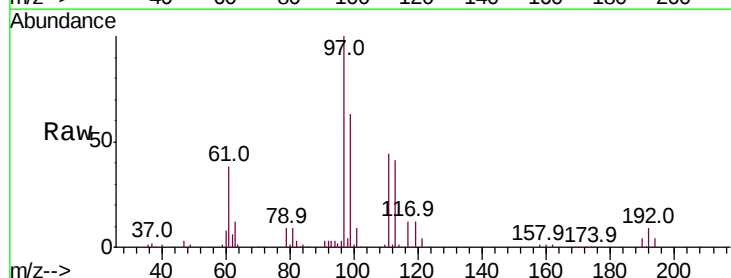
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

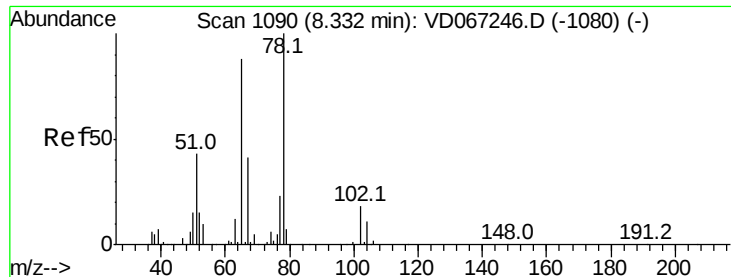
Tot Ion: 56 Resp: 175190
Ion Ratio Lower Upper
56 100
69 34.6 29.8 44.6
84 106.8 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 49.271 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

Tgt Ion: 97 Resp: 286673
Ion Ratio Lower Upper
97 100
99 62.3 50.2 75.4
61 38.5 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 46.369 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

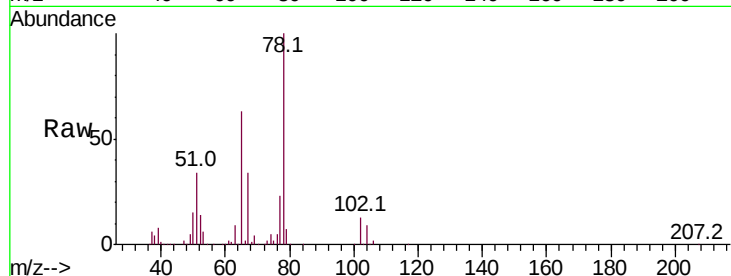
VSTDCCC050

Tot Ion: 65 Resp: 156028

Ion Ratio Lower Upper

65 100

67 49.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

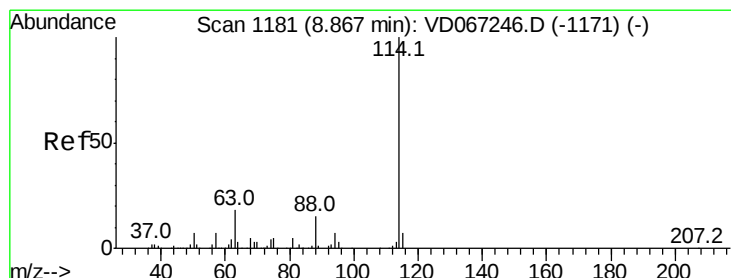
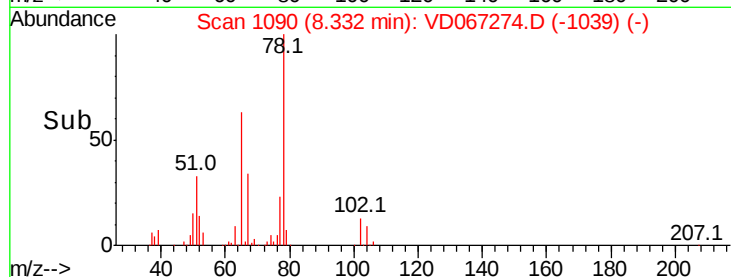
40000

20000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

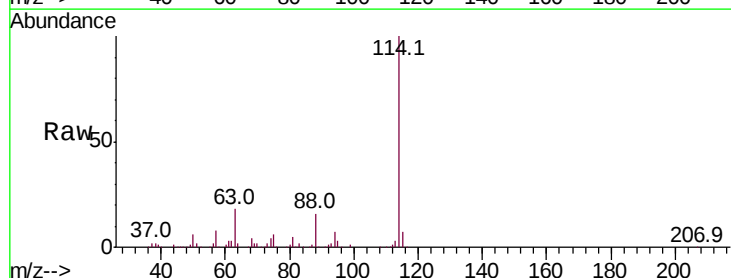
Tgt Ion: 114 Resp: 493795

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 15.9 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

300000

250000

200000

150000

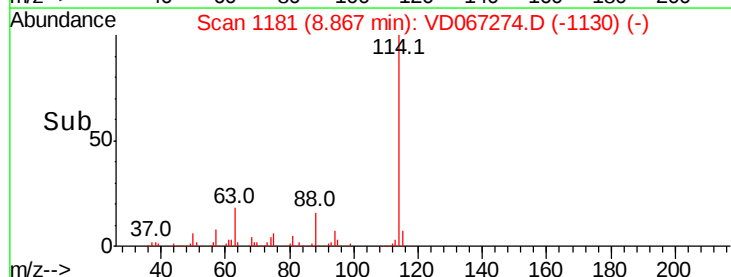
100000

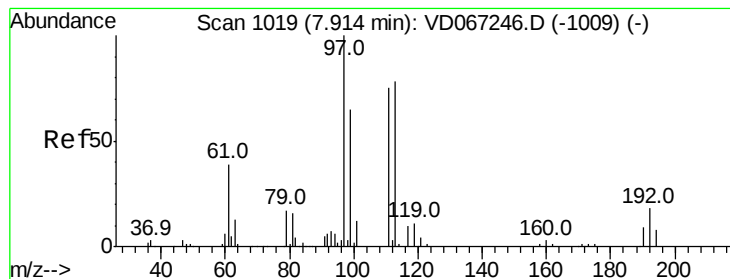
50000

0

8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 48.783 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

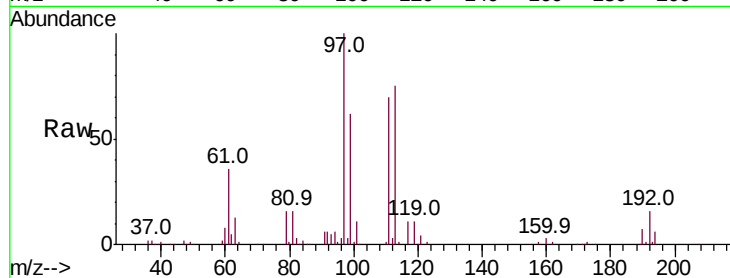
Tot Ion:113 Resp: 160312

Ion Ratio Lower Upper

113 100

111 103.4 81.6 122.4

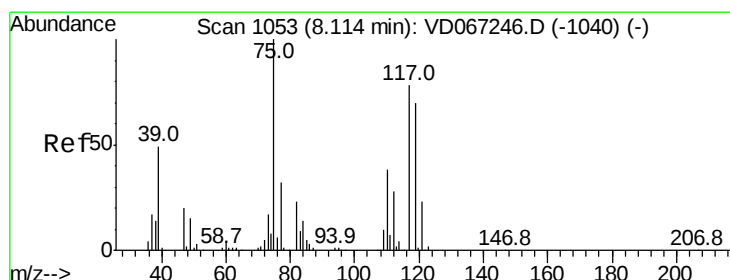
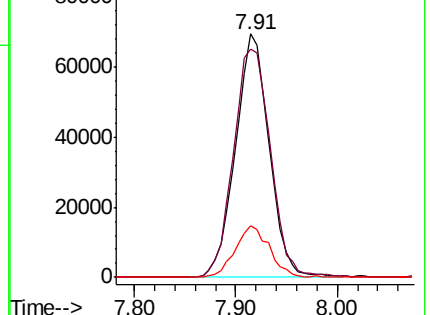
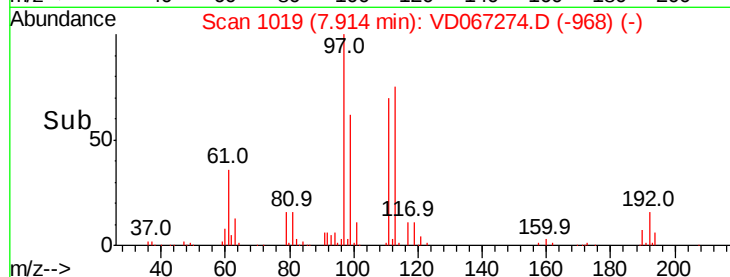
192 21.6 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.485 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

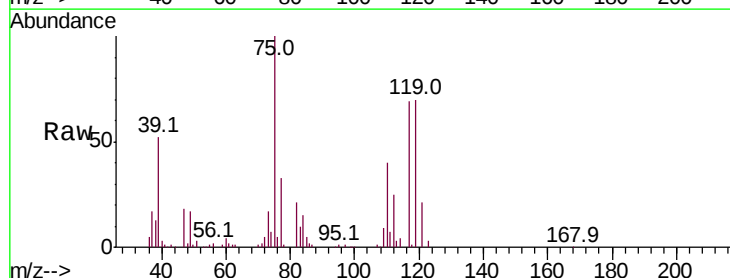
Tgt Ion: 75 Resp: 202922

Ion Ratio Lower Upper

75 100

110 40.0 19.6 58.7

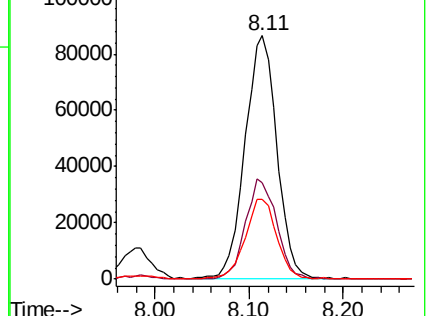
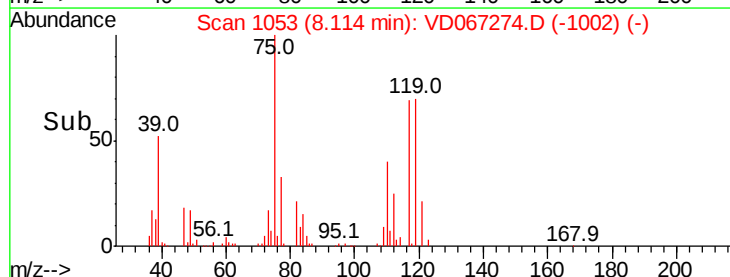
77 32.8 24.6 37.0

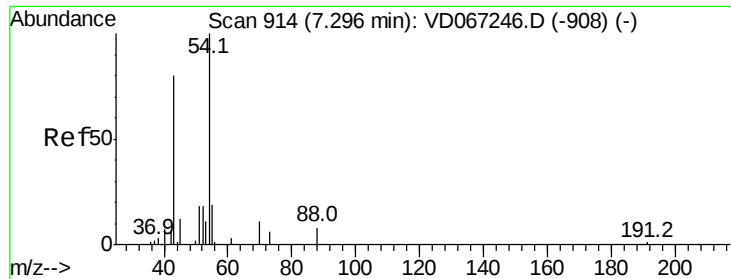


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

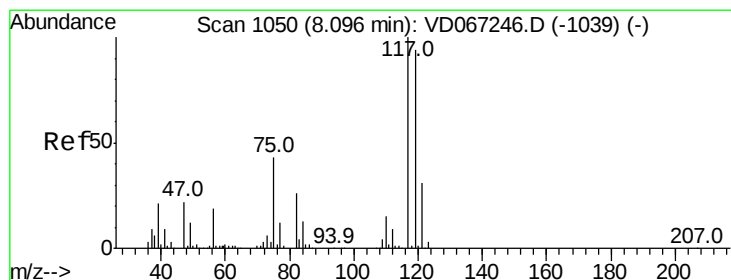
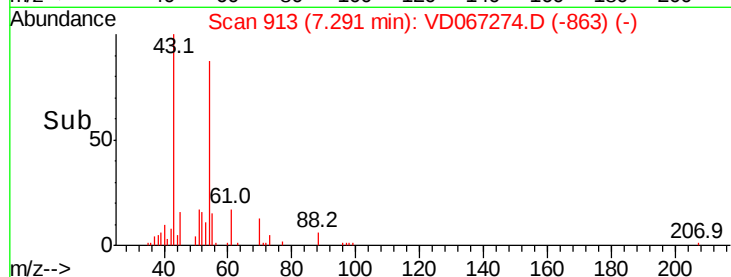
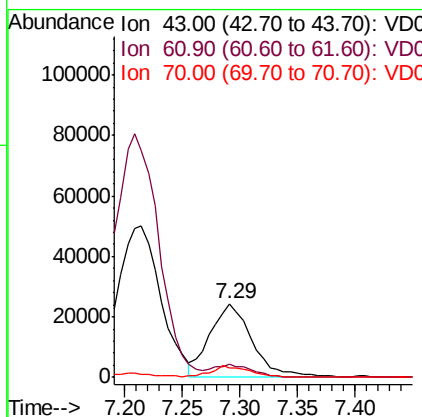
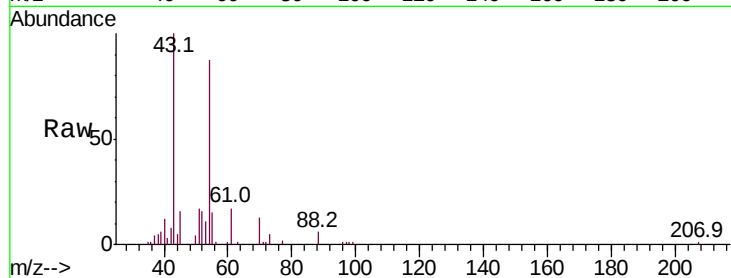




#37
Ethyl Acetate
Concen: 49.401 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

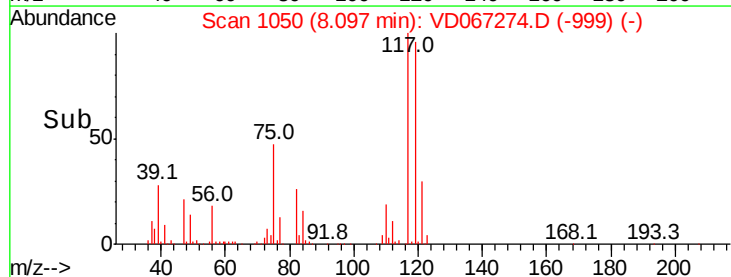
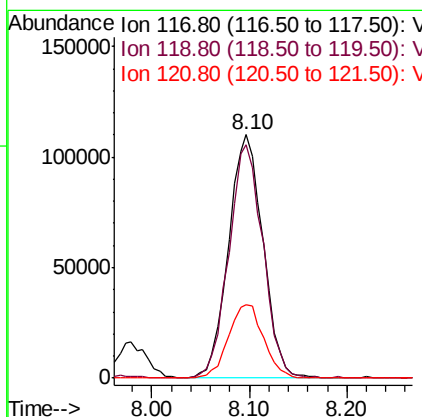
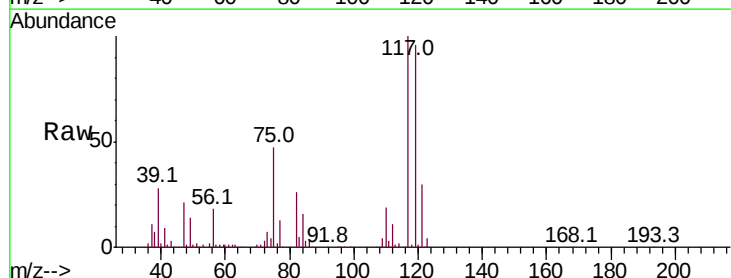
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

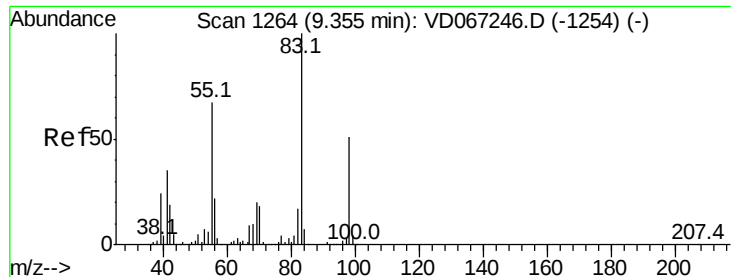
Tot Ion: 43 Resp: 60831
Ion Ratio Lower Upper
43 100
61 15.5 15.6 23.4#
70 14.3 10.4 15.6



#38
Carbon Tetrachloride
Concen: 50.321 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

Tgt Ion: 117 Resp: 269173
Ion Ratio Lower Upper
117 100
119 95.7 75.0 112.4
121 30.3 24.9 37.3

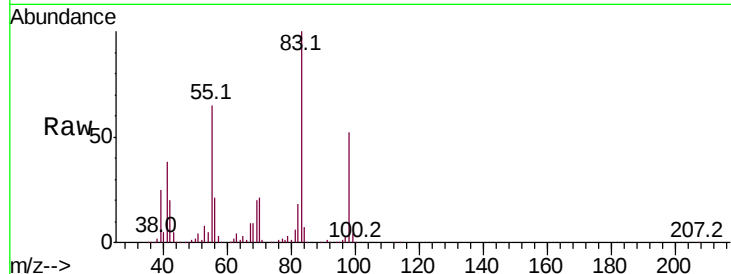




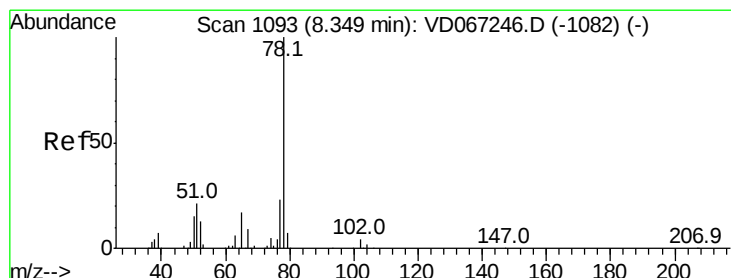
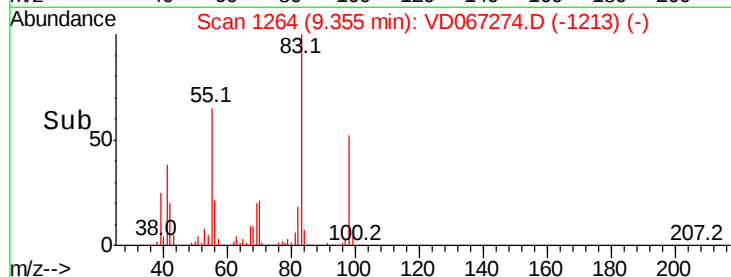
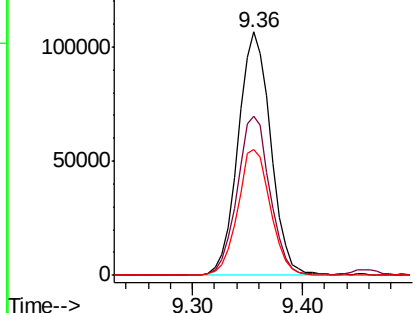
#39
Methvlcvclohexane
Concen: 50.738 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 221995
Ion Ratio Lower Upper
83 100
55 65.1 53.3 79.9
98 51.6 41.0 61.4

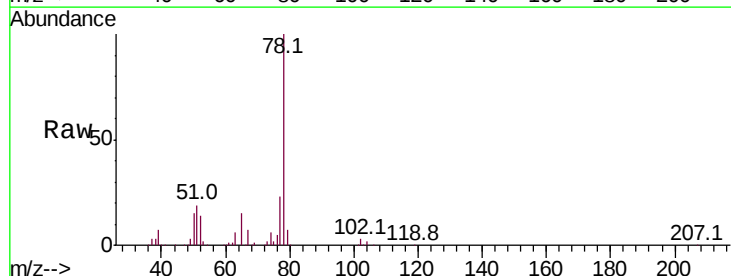


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

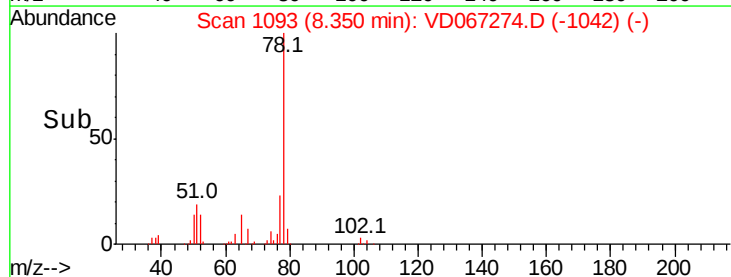
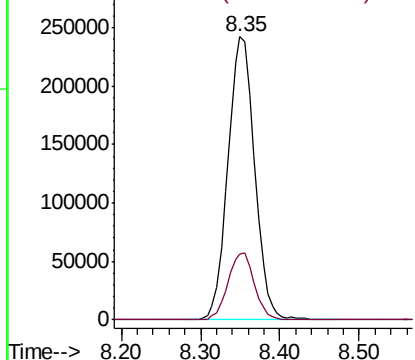


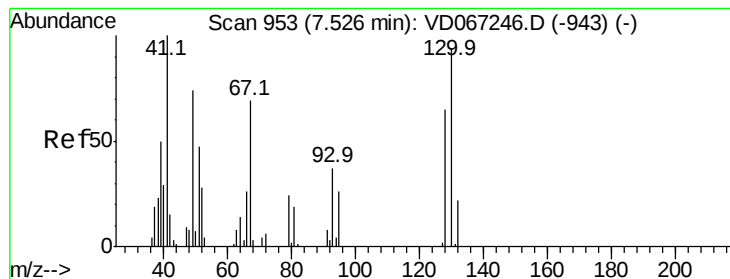
#40
Benzene
Concen: 49.251 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

Tgt Ion: 78 Resp: 565484
Ion Ratio Lower Upper
78 100
77 23.2 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 47.264 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 31450

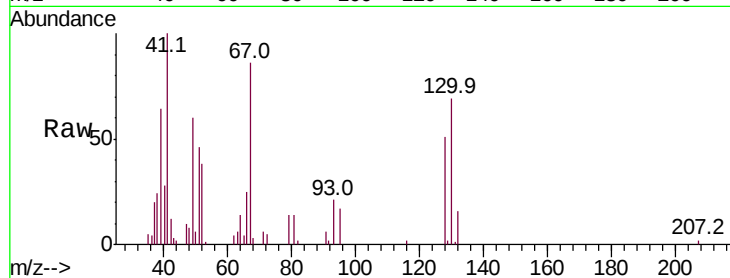
Ion Ratio Lower Upper

41 100

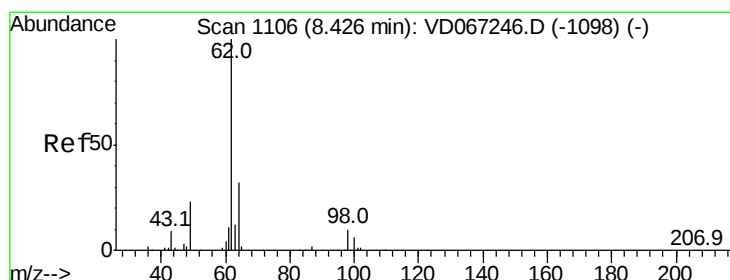
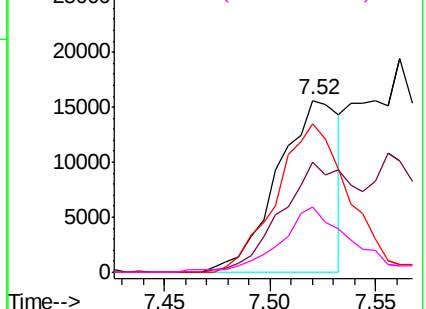
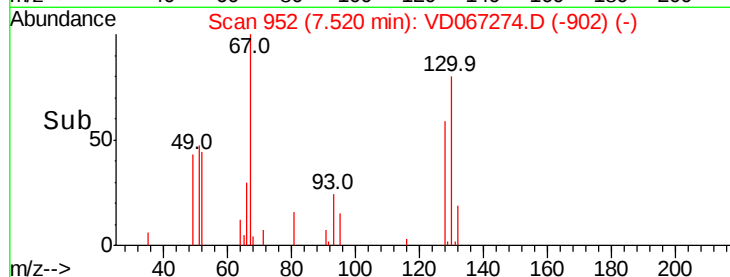
39 77.2 60.0 90.0

67 102.9 88.9 133.3

52 44.0 36.9 55.3



Abundance Ion 41.00 (40.70 to 41.70): VDC
 30000 Ion 39.00 (38.70 to 39.70): VDC
 25000 Ion 67.00 (66.70 to 67.70): VDC
 20000 Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 49.730 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067274.D

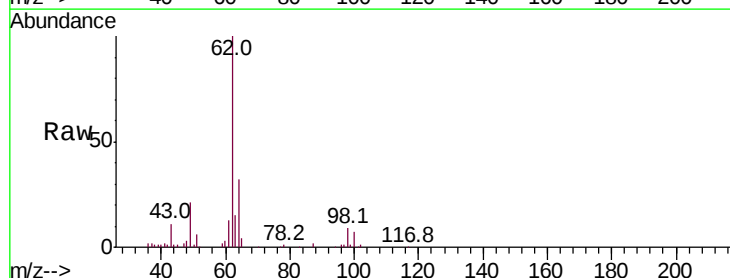
Acq: 15 Oct 2020 10:44

Tgt Ion: 62 Resp: 178690

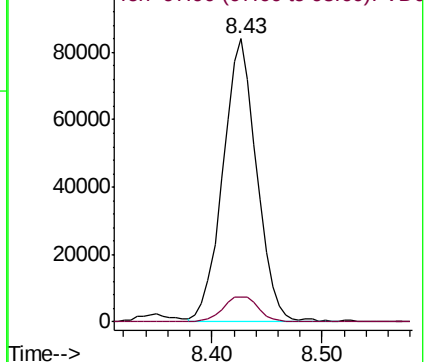
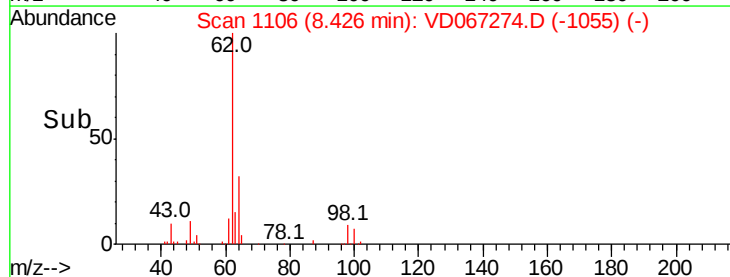
Ion Ratio Lower Upper

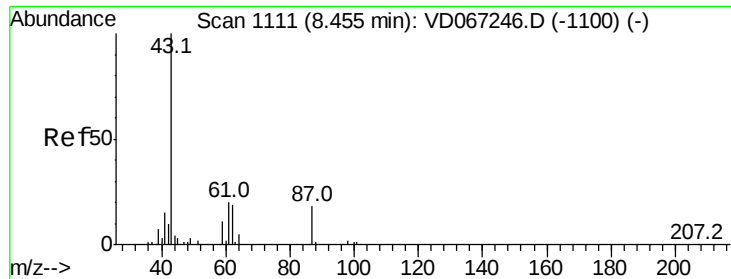
62 100

98 9.6 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VDC
 100000 Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 50.029 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

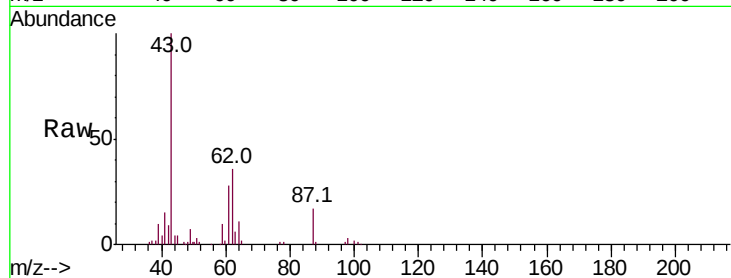
Tot Ion: 43 Resp: 122239

Ion Ratio Lower Upper

43 100

61 37.4 29.5 44.3

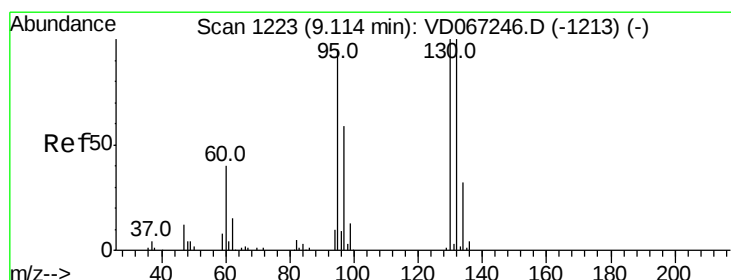
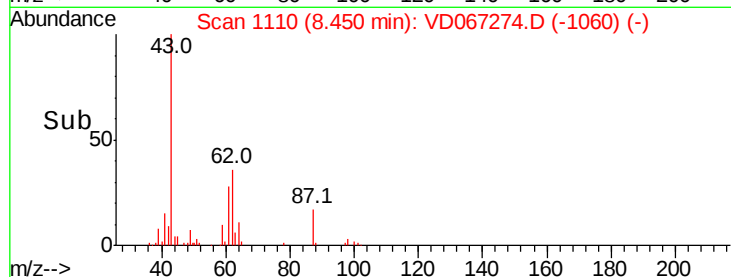
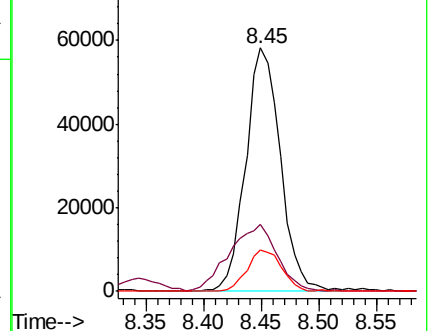
87 17.2 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 49.043 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067274.D

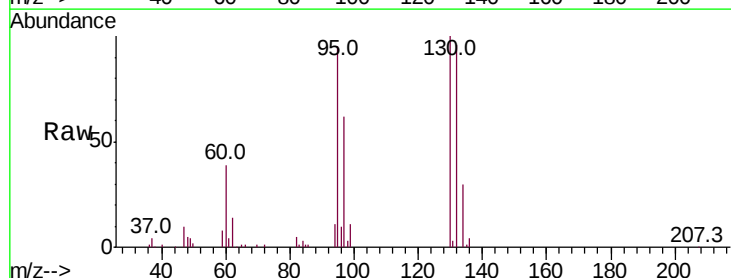
Acq: 15 Oct 2020 10:44

Tgt Ion:130 Resp: 180290

Ion Ratio Lower Upper

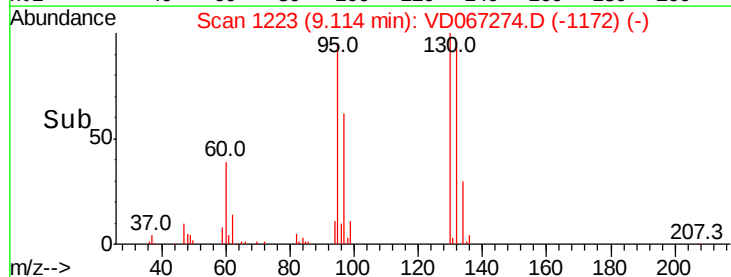
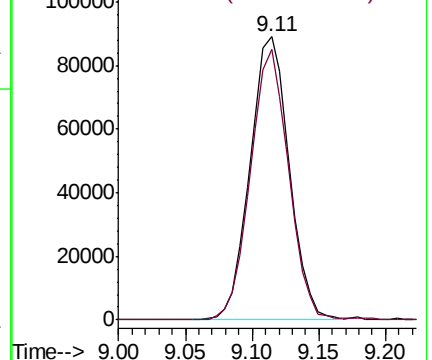
130 100

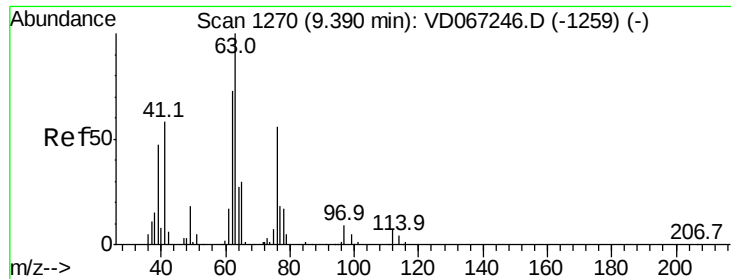
95 95.4 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 48.509 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

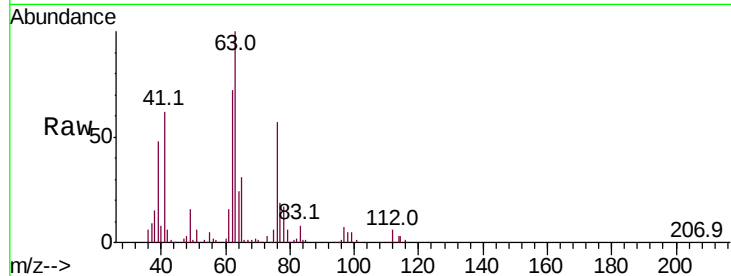
VSTDCCC050

Tot Ion: 63 Resp: 129081

Ion Ratio Lower Upper

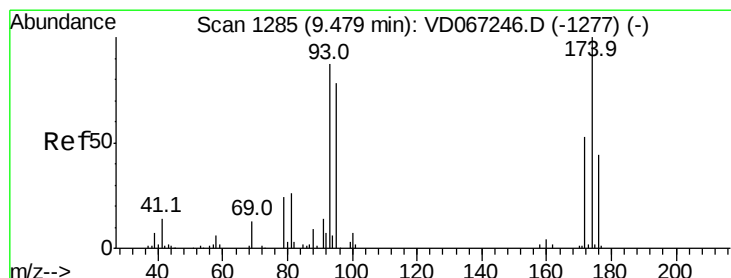
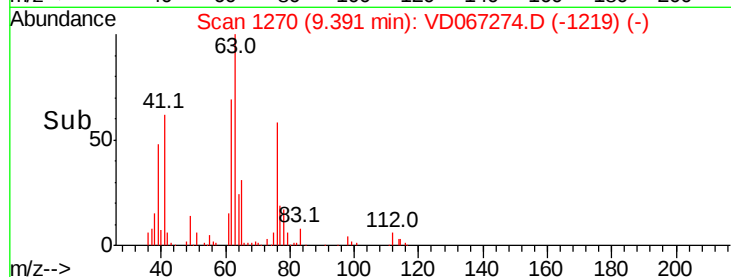
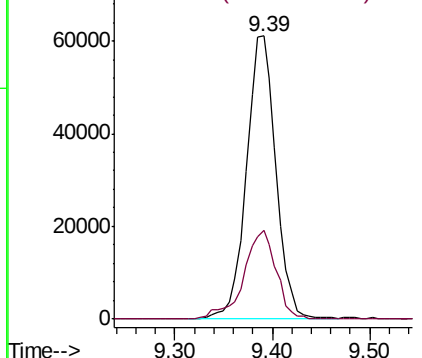
63 100

65 31.2 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 49.933 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

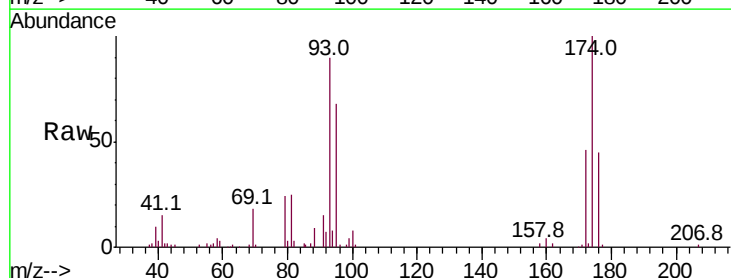
Tgt Ion: 93 Resp: 82785

Ion Ratio Lower Upper

93 100

95 81.4 68.0 102.0

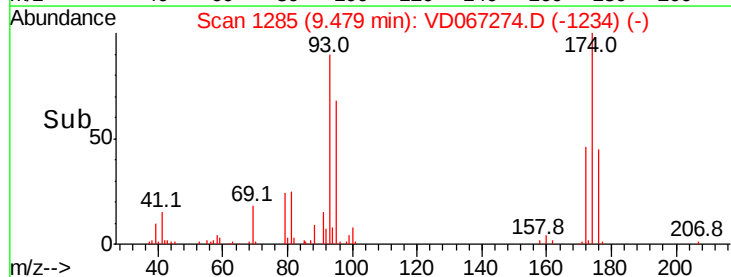
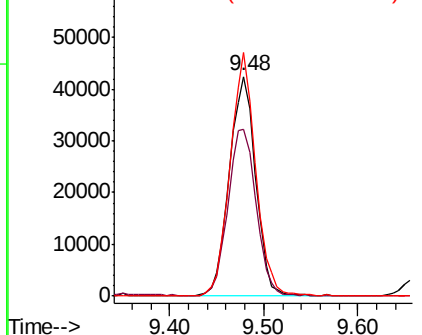
174 107.0 91.8 137.6

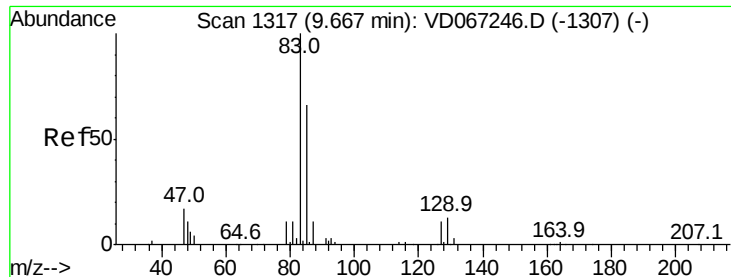


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.027 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

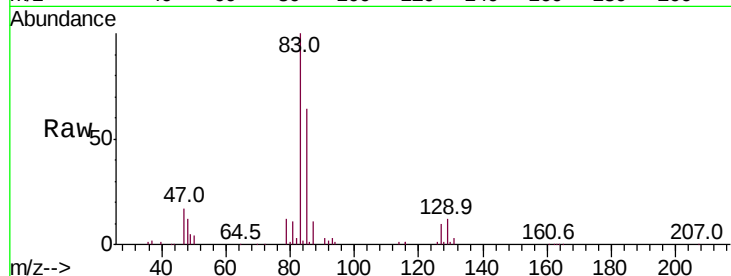
Tot Ion: 83 Resp: 222219

Ion Ratio Lower Upper

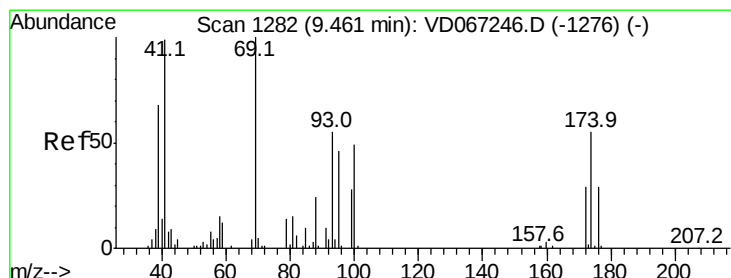
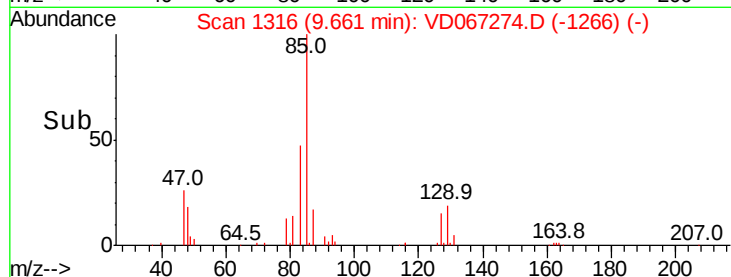
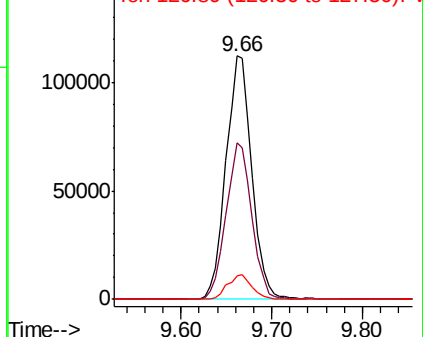
83 100

85 64.1 53.1 79.7

127 9.8 8.6 13.0



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: 51.117 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

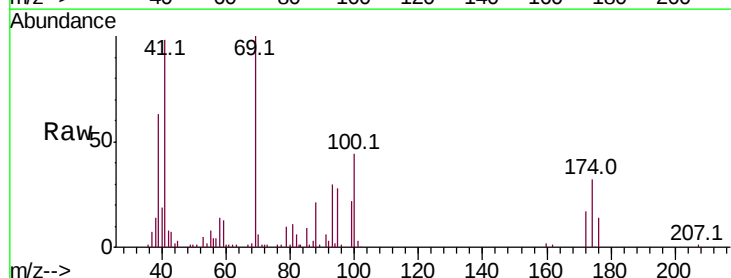
Tgt Ion: 41 Resp: 60696

Ion Ratio Lower Upper

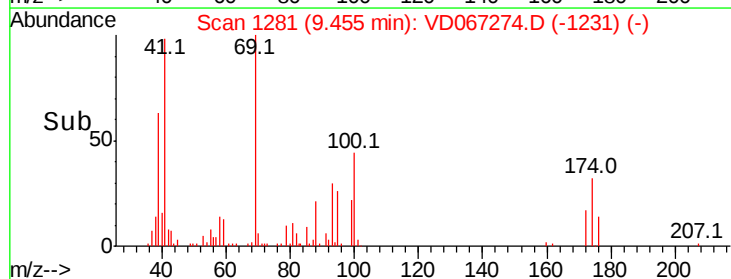
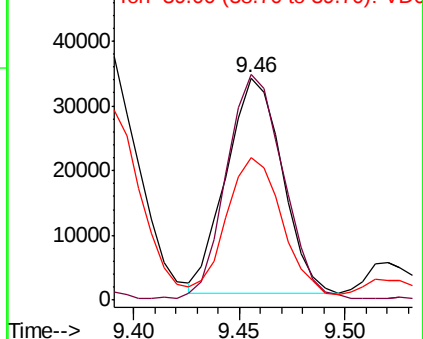
41 100

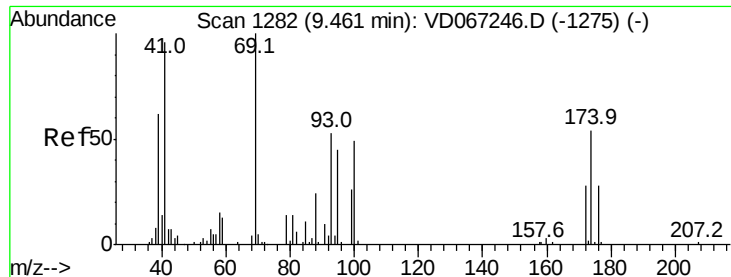
69 106.8 89.0 133.6

39 68.7 60.2 90.2



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: 1107.714 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

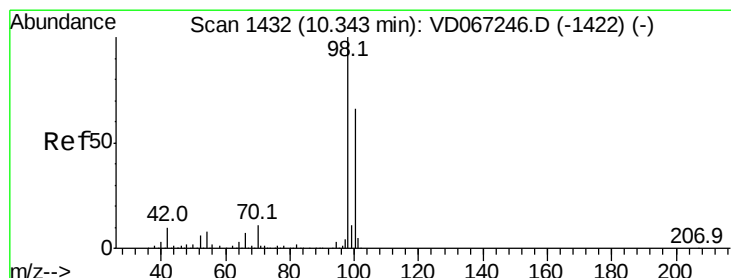
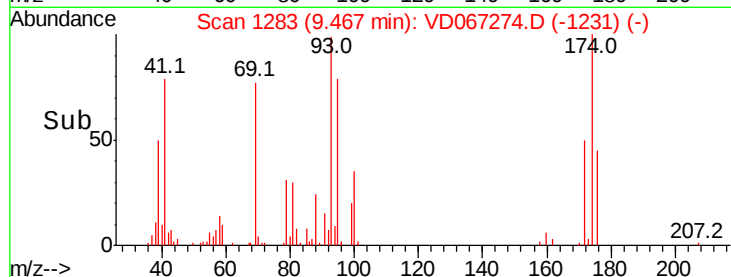
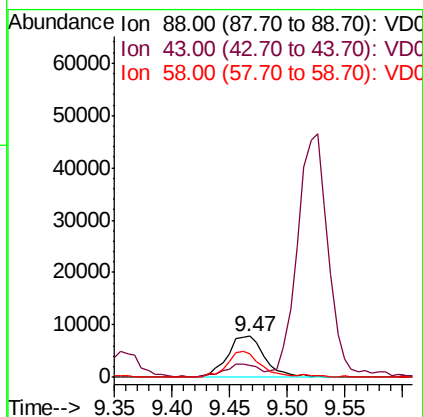
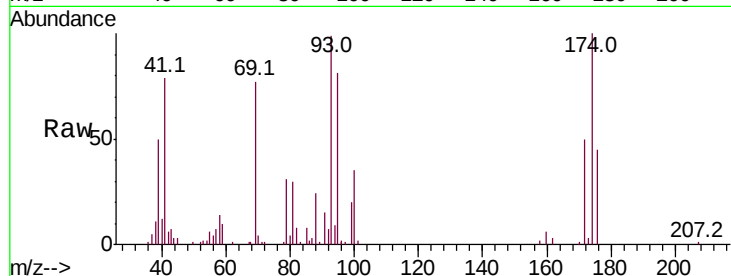
Tot Ion: 88 Resp: 17720

Ion Ratio Lower Upper

88 100

43 29.2 23.9 35.9

58 57.3 51.0 76.6



#50

Toluene-d8

Concen: 49.166 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067274.D

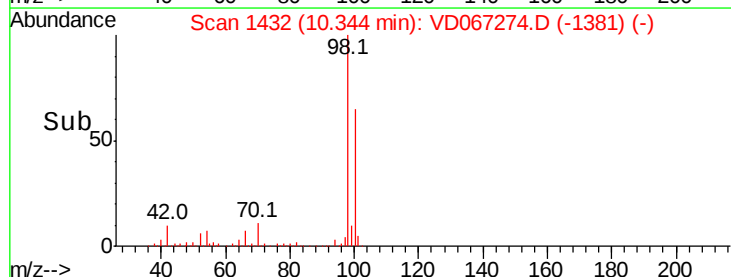
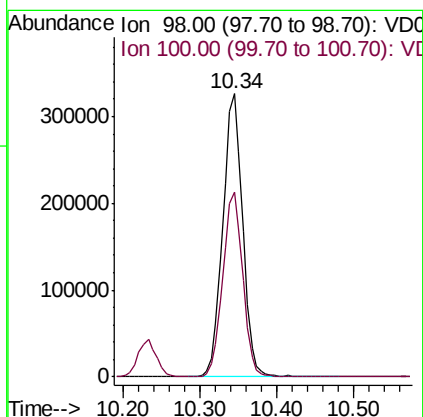
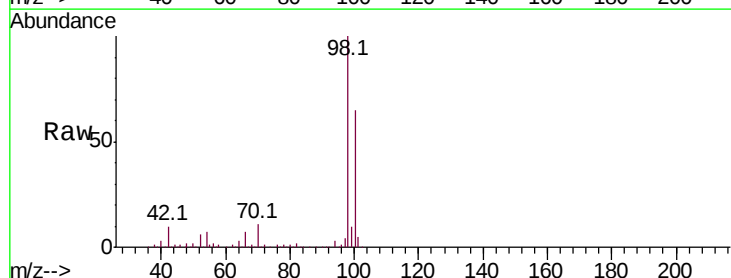
Acq: 15 Oct 2020 10:44

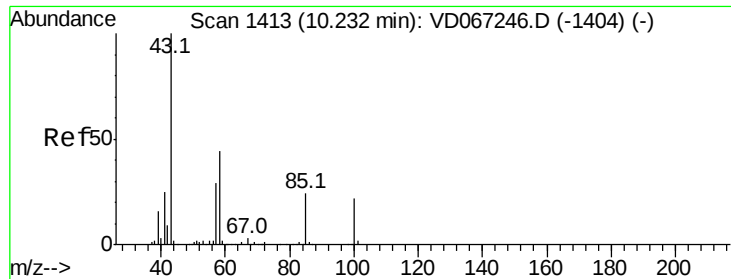
Tgt Ion: 98 Resp: 584704

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 250.795 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

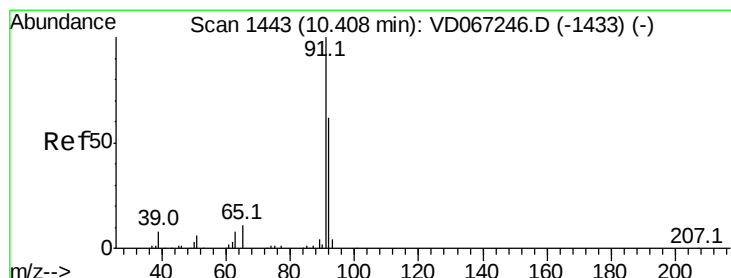
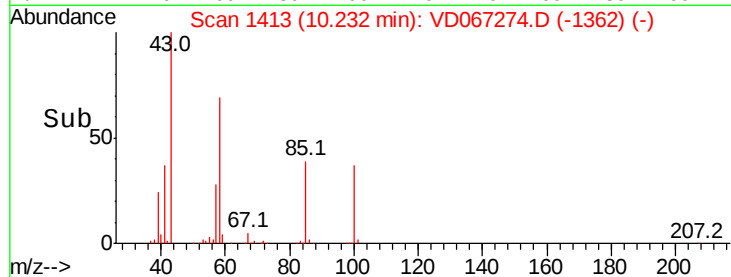
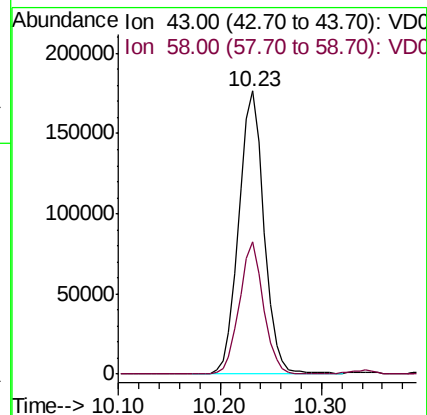
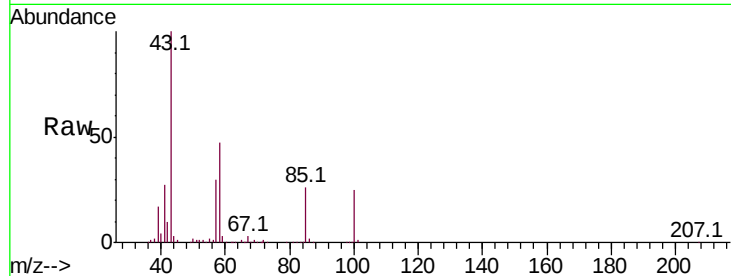
VSTDCCC050

Tot Ion: 43 Resp: 305638

Ion Ratio Lower Upper

43 100

58 44.4 35.7 53.5



#52

Toluene

Concen: 50.776 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067274.D

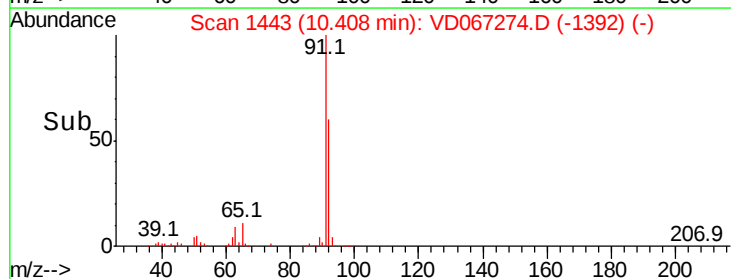
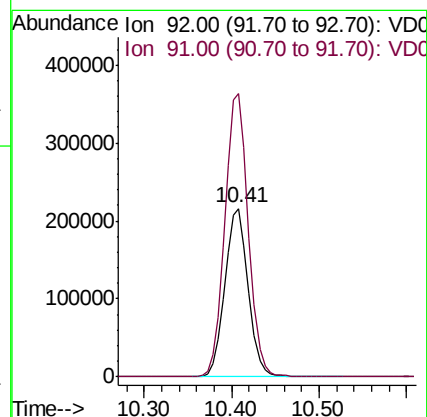
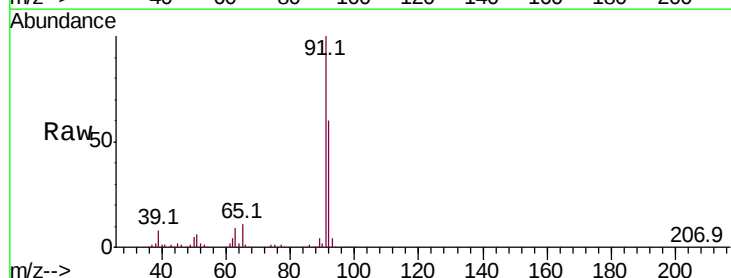
Acq: 15 Oct 2020 10:44

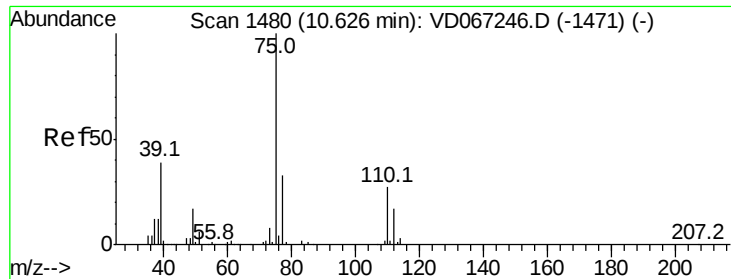
Tgt Ion: 92 Resp: 397081

Ion Ratio Lower Upper

92 100

91 168.7 133.8 200.8





#53

t-1,3-Dichloropropene

Concen: 50.816 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

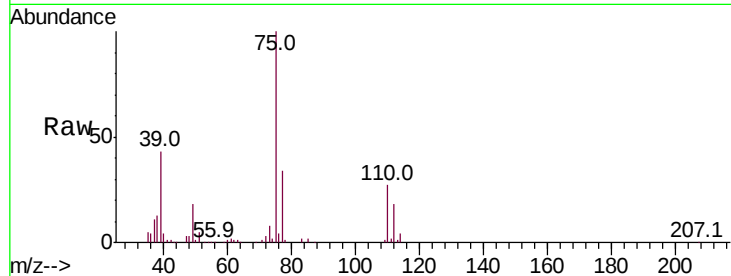
VSTDCCC050

Tot Ion: 75 Resp: 198288

Ion Ratio Lower Upper

75 100

77 34.4 26.5 39.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

120000

100000

80000

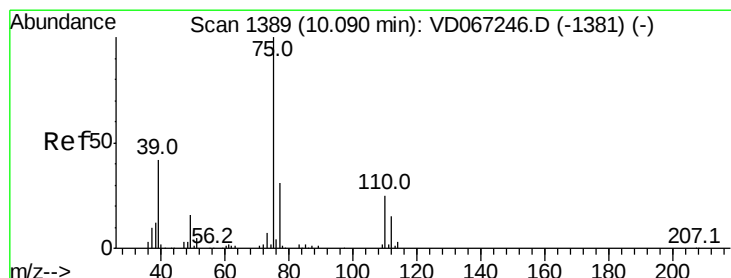
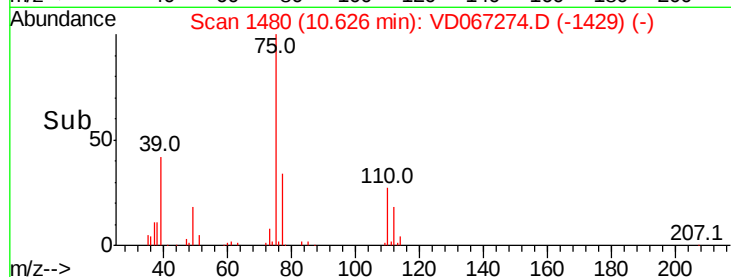
60000

40000

20000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 49.898 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

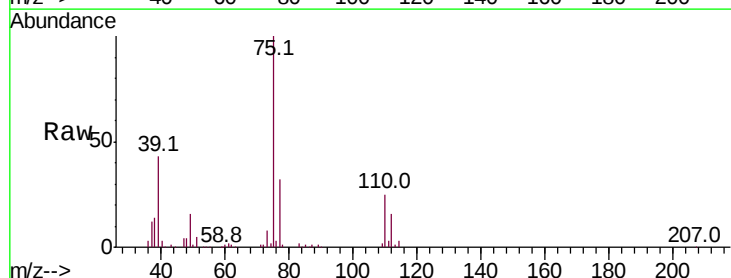
Tgt Ion: 75 Resp: 227865

Ion Ratio Lower Upper

75 100

77 31.7 24.5 36.7

39 42.9 33.7 50.5



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

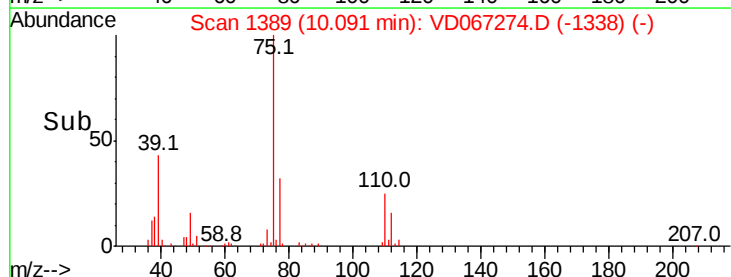
150000

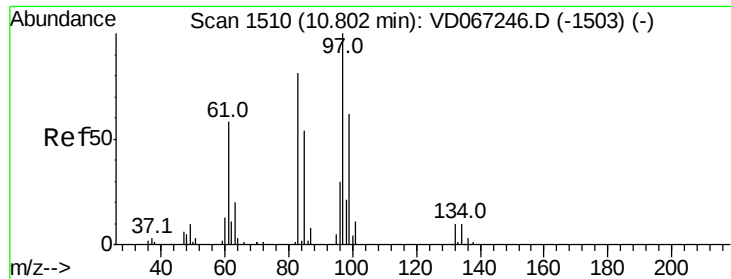
100000

50000

0

Time--> 10.00 10.10 10.20



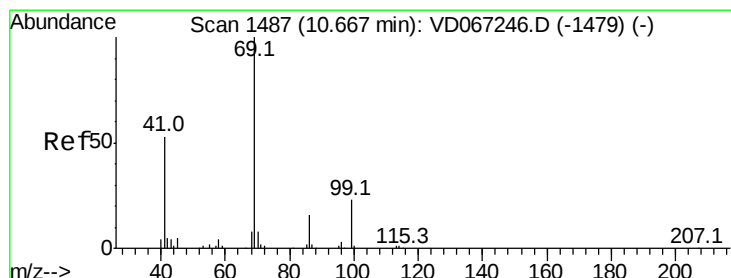
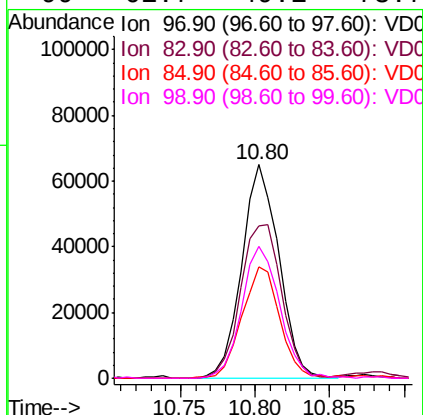
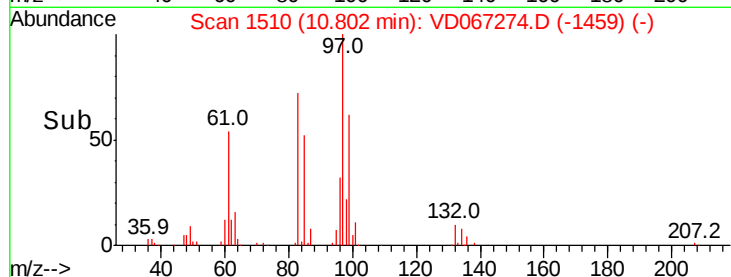
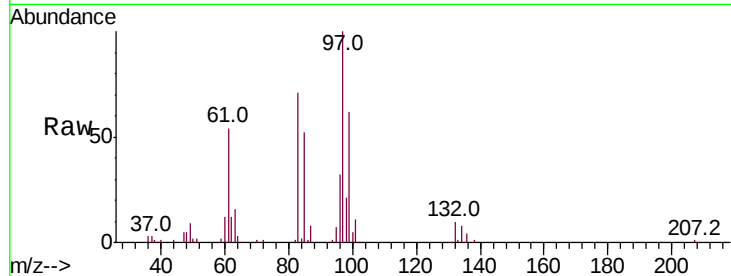


#55
 1,1,2-Trichloroethane
 Concen: 49.530 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067274.D
 Acq: 15 Oct 2020 10:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 111977

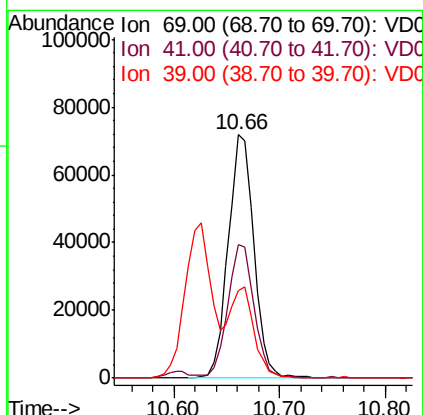
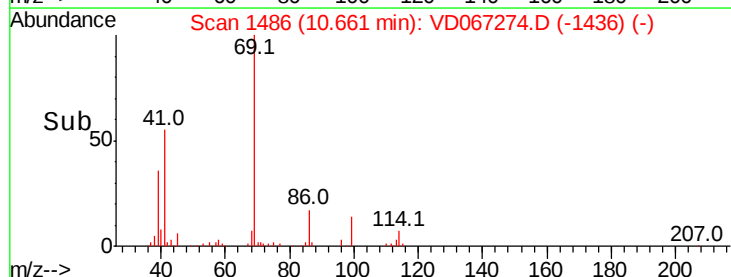
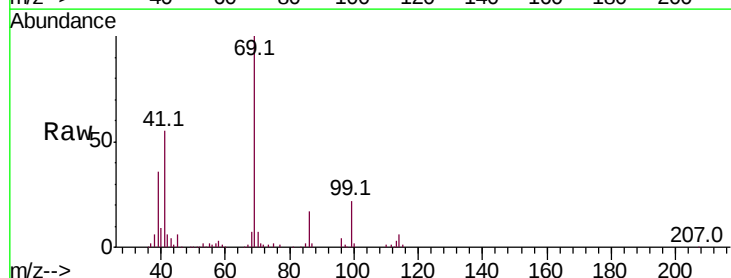
Ion	Ratio	Lower	Upper
97	100		
83	71.3	64.9	97.3
85	52.3	43.3	64.9
99	61.7	49.1	73.7

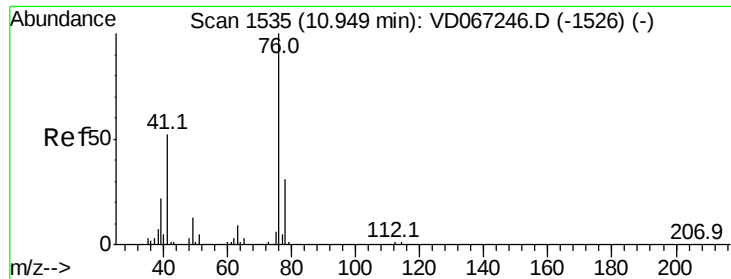


#56
 Ethyl methacrylate
 Concen: 51.423 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067274.D
 Acq: 15 Oct 2020 10:44

Tgt Ion: 69 Resp: 120572

Ion	Ratio	Lower	Upper
69	100		
41	56.1	44.7	67.1
39	37.0	26.2	39.2





#57

1,3-Dichloropropane

Concen: 50.097 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

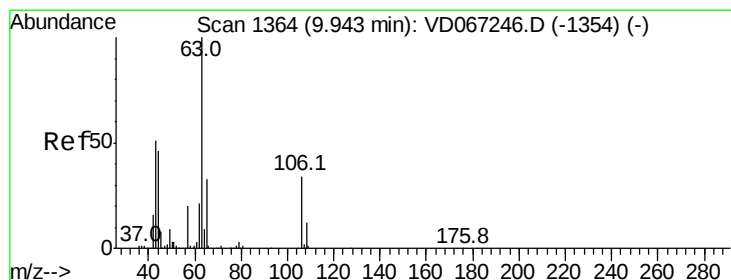
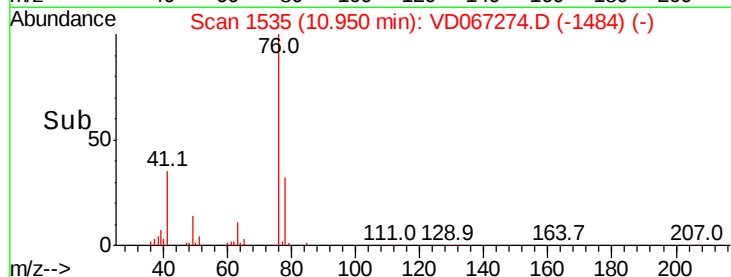
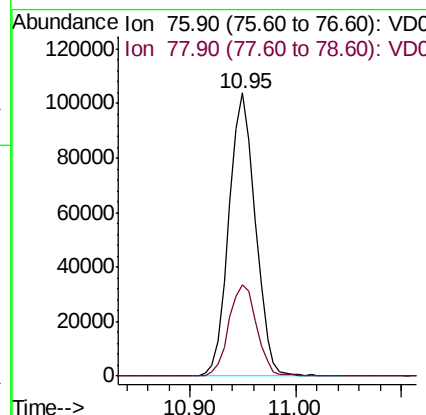
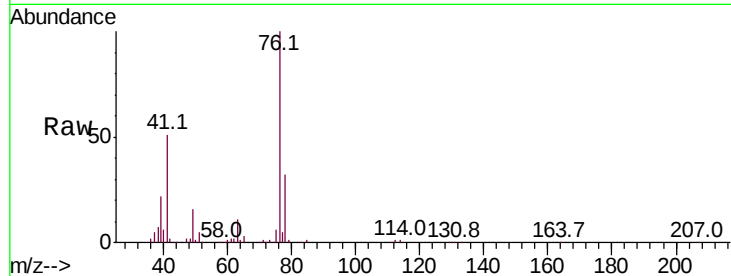
Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 180245

Ion	Ratio	Lower	Upper
76	100		
78	33.7	26.8	40.2



#58

2-Chloroethyl Vinyl ether

Concen: 253.383 ug/l

RT: 9.94 min Scan# 1364

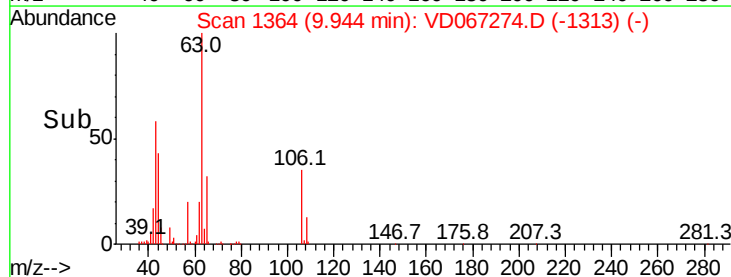
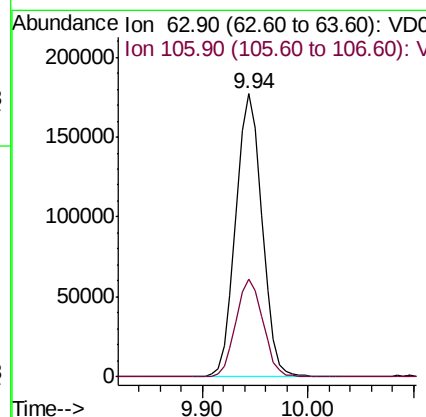
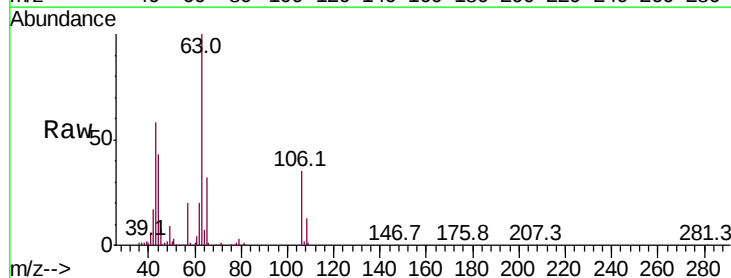
Delta R.T. 0.00 min

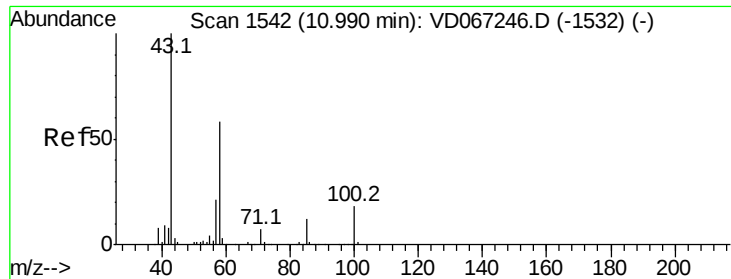
Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Tgt Ion: 63 Resp: 304777

Ion	Ratio	Lower	Upper
63	100		
106	35.7	27.8	41.6

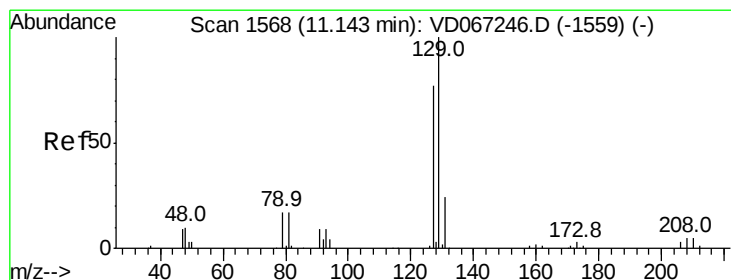
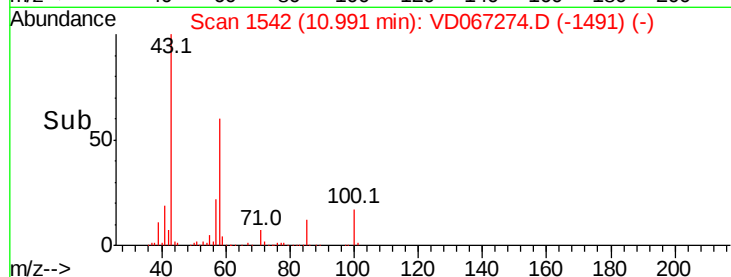
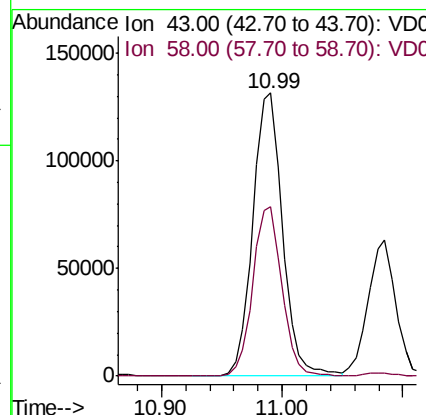
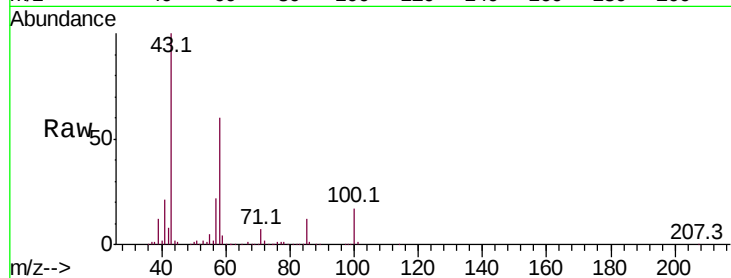




#59
2-Hexanone
Concen: 272.641 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

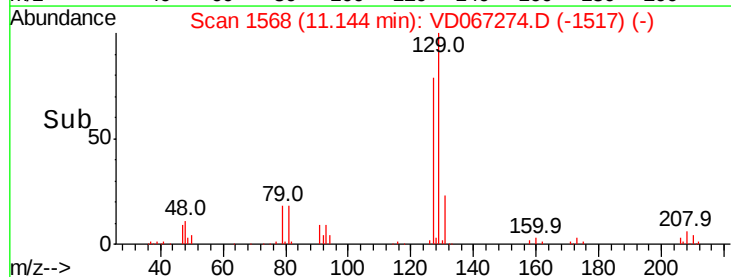
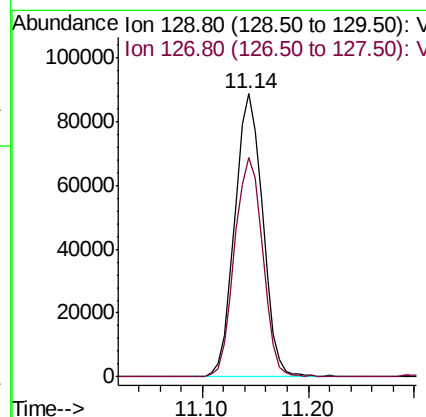
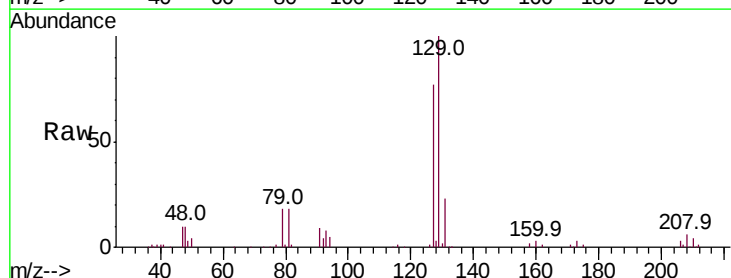
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

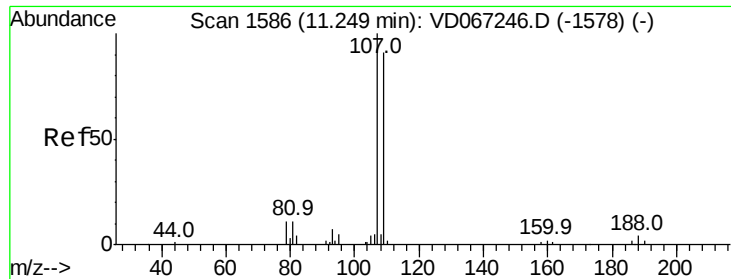
Tot Ion: 43 Resp: 227044
Ion Ratio Lower Upper
43 100
58 58.6 29.3 87.9



#60
Dibromochloromethane
Concen: 49.097 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

Tgt Ion: 129 Resp: 161878
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.8

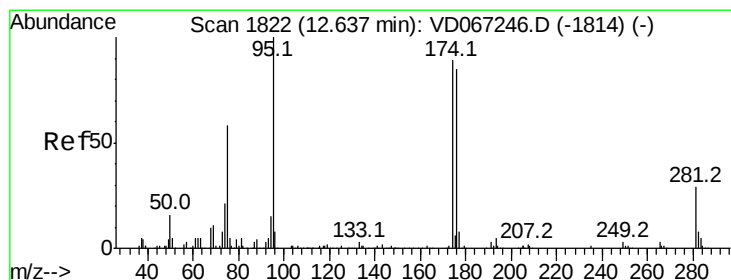
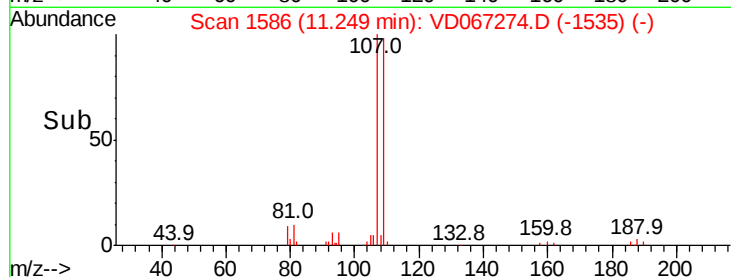
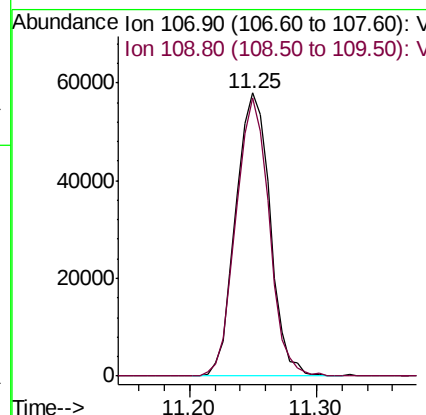
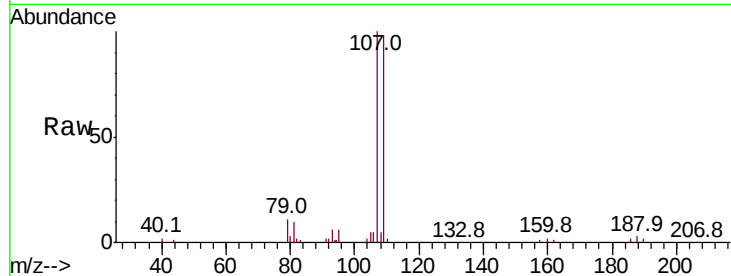




#61
 1,2-Dibromoethane
 Concen: 48.740 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067274.D
 Acq: 15 Oct 2020 10:44

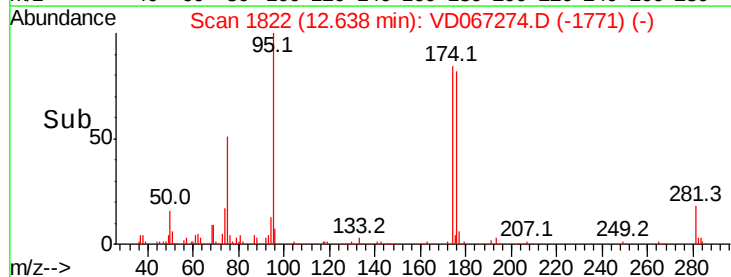
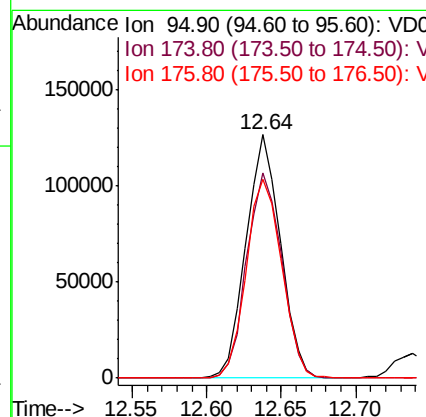
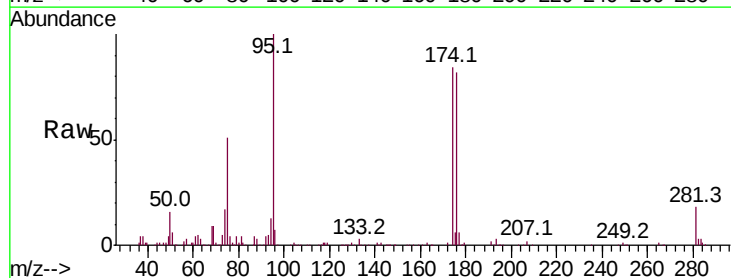
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

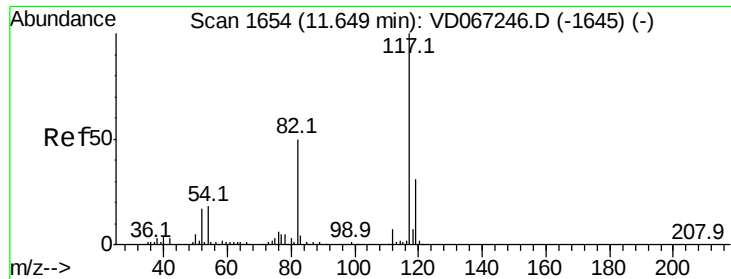
Tot Ion:107 Resp: 108633
 Ion Ratio Lower Upper
 107 100
 109 95.0 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 48.861 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067274.D
 Acq: 15 Oct 2020 10:44

Tgt Ion: 95 Resp: 202056
 Ion Ratio Lower Upper
 95 100
 174 85.9 0.0 175.2
 176 84.3 0.0 168.6

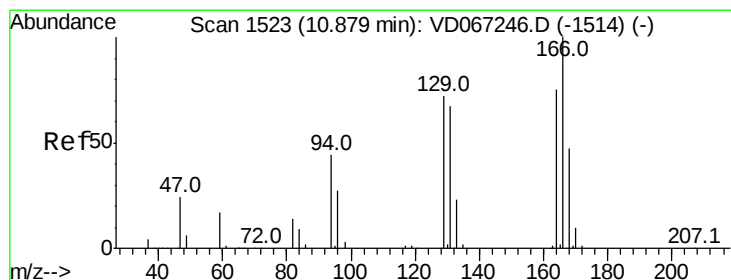
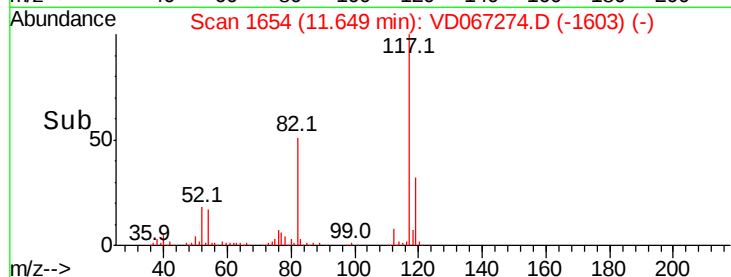
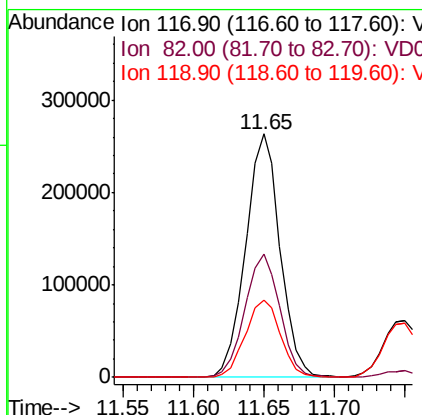
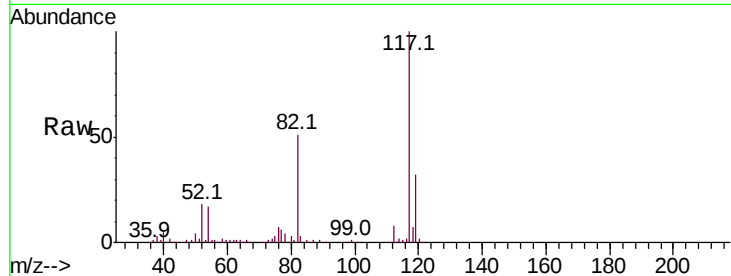




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

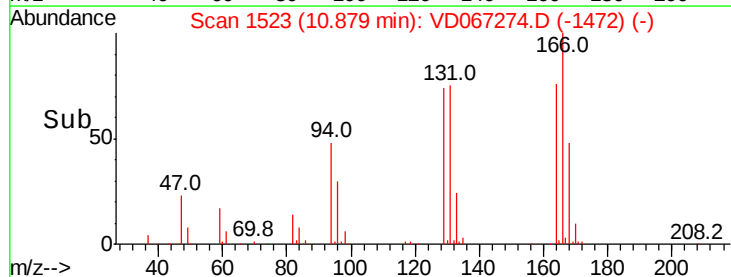
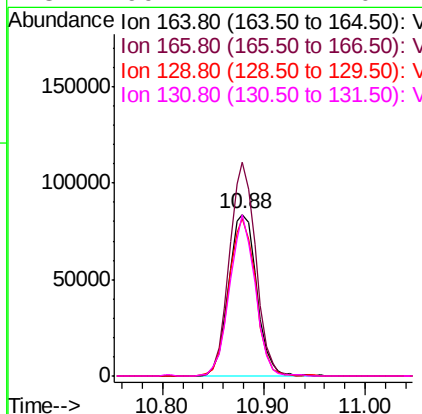
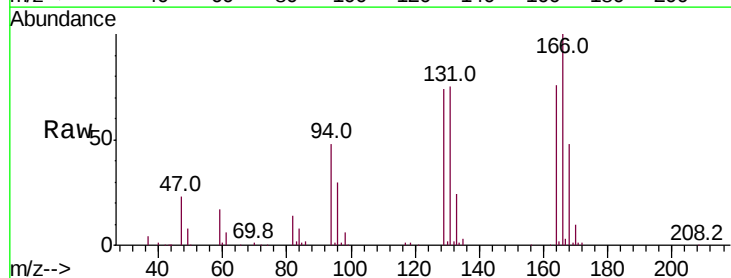
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

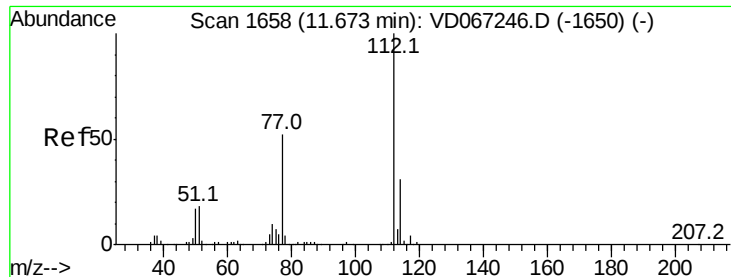
Tot Ion:117 Resp: 450076
Ion Ratio Lower Upper
117 100
82 50.7 39.9 59.9
119 31.7 24.9 37.3



#64
Tetrachloroethene
Concen: 49.299 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

Tgt Ion:164 Resp: 160760
Ion Ratio Lower Upper
164 100
166 132.4 107.3 160.9
129 97.4 77.3 115.9
131 99.7 71.4 107.2





#65

Chlorobenzene

Concen: 49.645 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

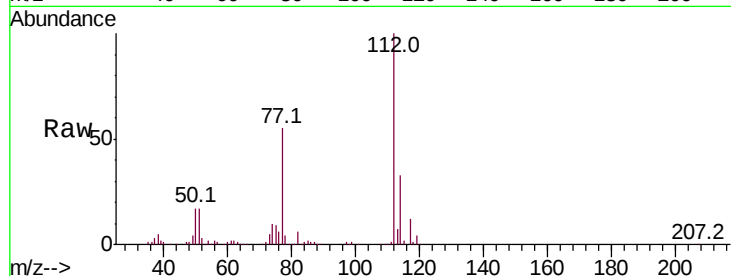
VSTDCCC050

Tot Ion:112 Resp: 428475

Ion Ratio Lower Upper

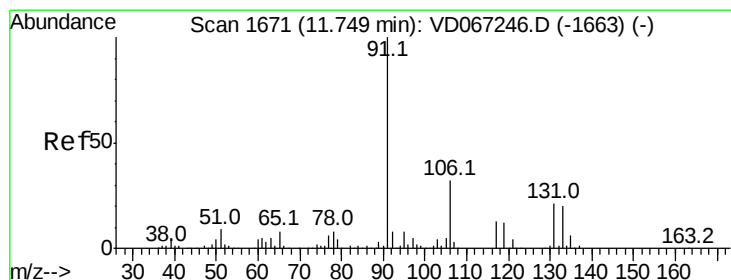
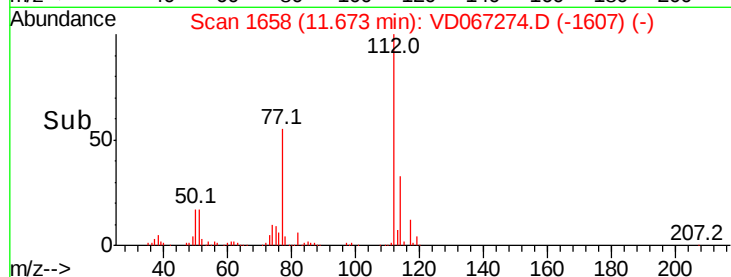
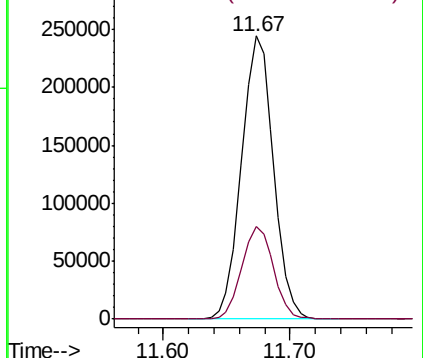
112 100

114 32.9 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.472 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

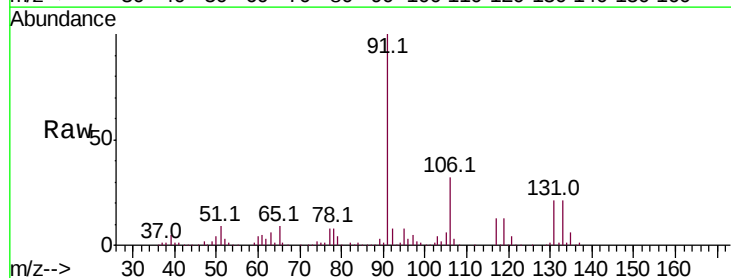
Tgt Ion:131 Resp: 173132

Ion Ratio Lower Upper

131 100

133 97.5 48.1 144.3

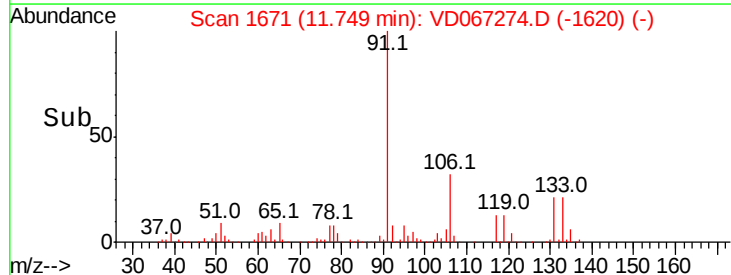
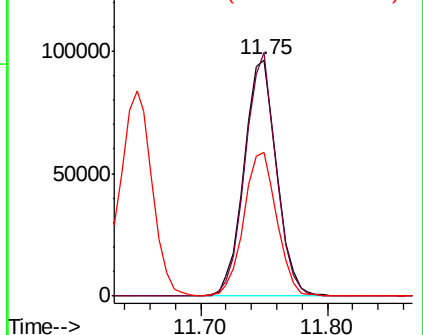
119 61.4 30.0 90.0

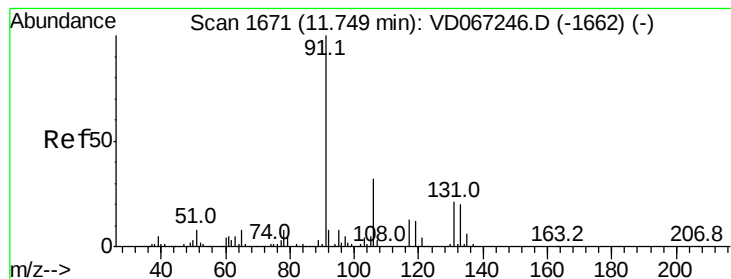


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.972 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

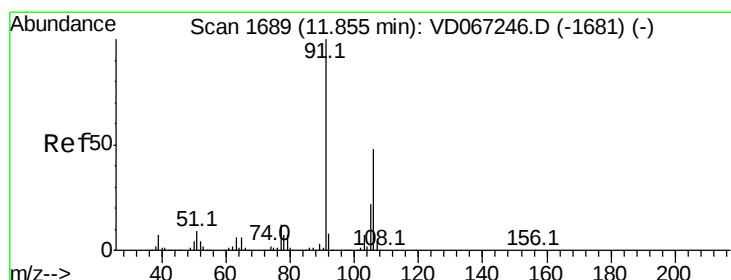
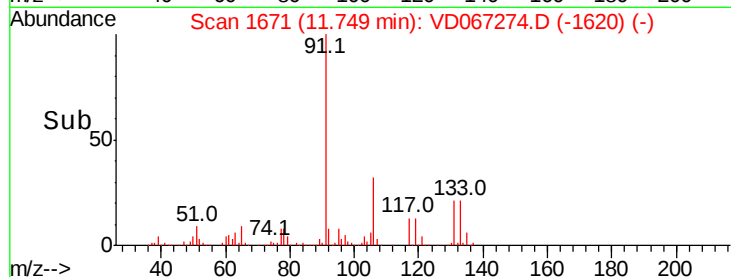
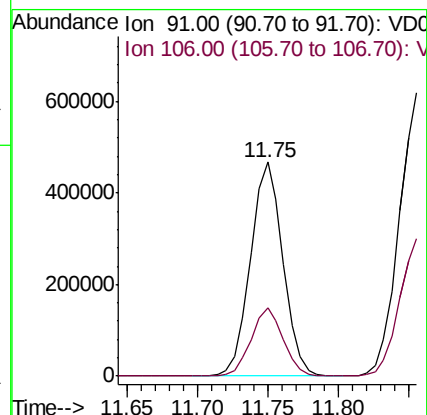
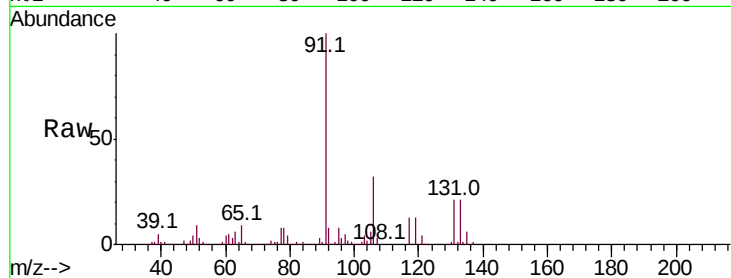
VSTDCCC050

Tot Ion: 91 Resp: 754113

Ion Ratio Lower Upper

91 100

106 32.1 25.4 38.0



#68

m/p-Xylenes

Concen: 102.778 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD067274.D

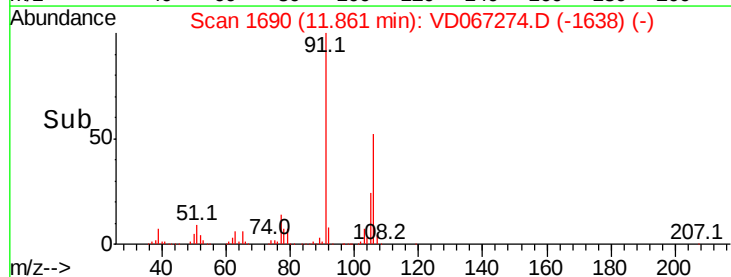
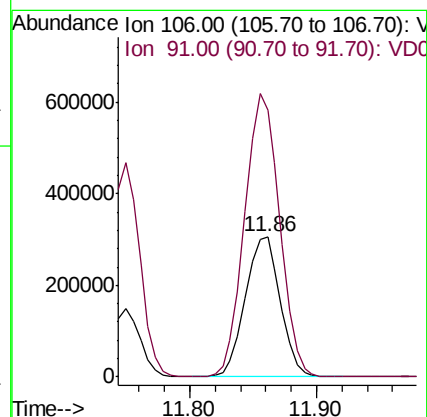
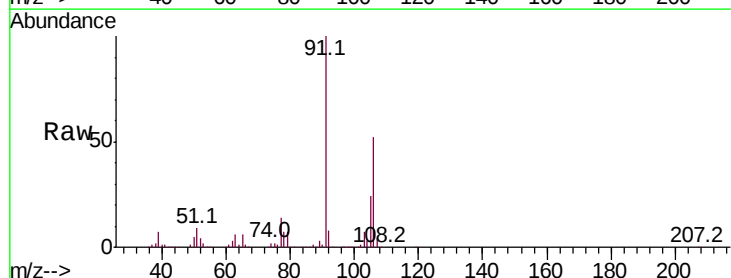
Acq: 15 Oct 2020 10:44

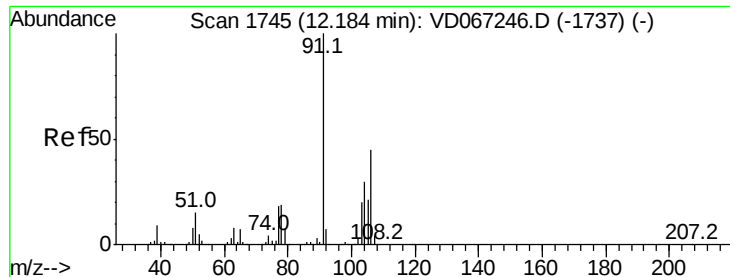
Tgt Ion: 106 Resp: 585549

Ion Ratio Lower Upper

106 100

91 203.2 163.8 245.8

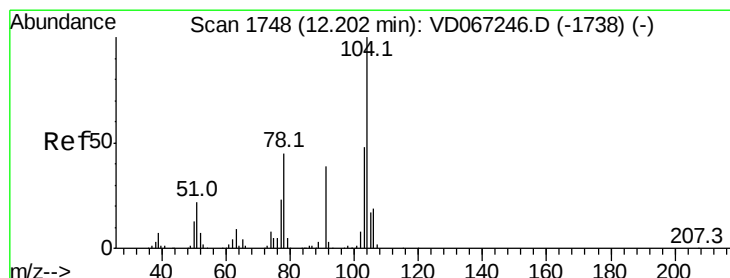
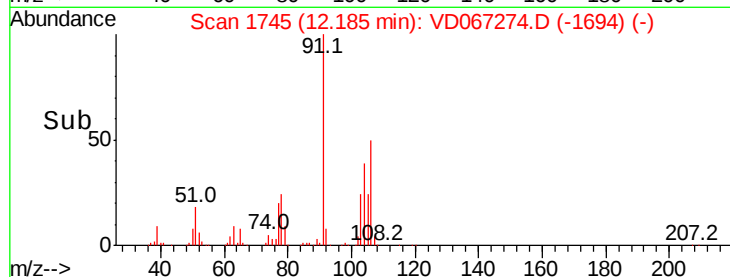
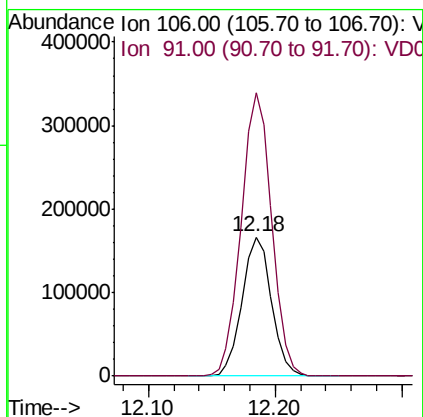
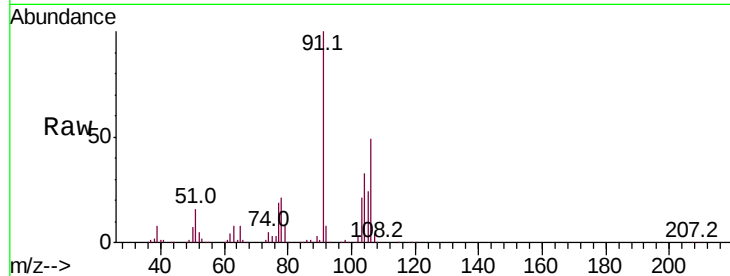




#69
o-Xylene
Concen: 50.980 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

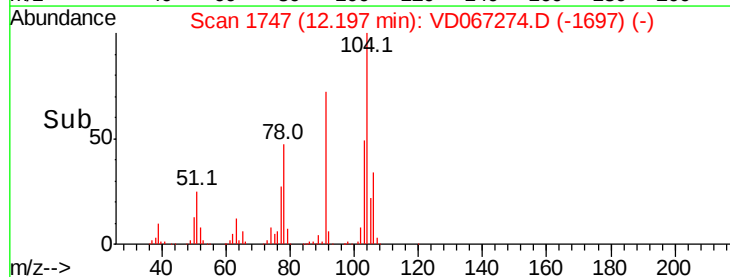
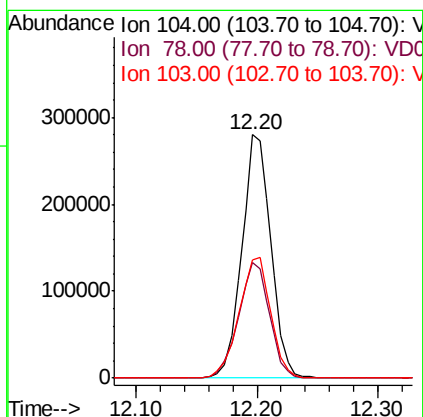
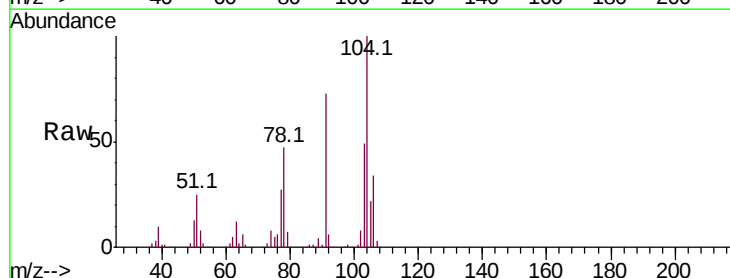
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

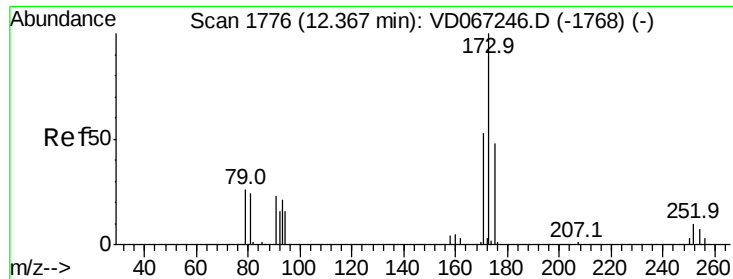
Tot Ion:106 Resp: 268954
Ion Ratio Lower Upper
106 100
91 210.4 109.1 327.3



#70
Styrene
Concen: 51.821 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

Tgt Ion:104 Resp: 470621
Ion Ratio Lower Upper
104 100
78 50.6 39.8 59.6
103 53.8 42.6 64.0





#71

Bromoform

Concen: 51.517 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

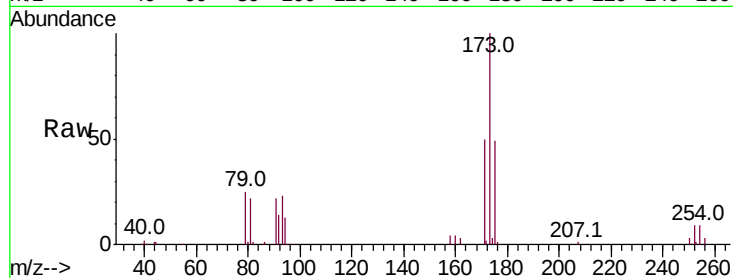
Tot Ion:173 Resp: 94935

Ion Ratio Lower Upper

173 100

175 48.4 24.2 72.6

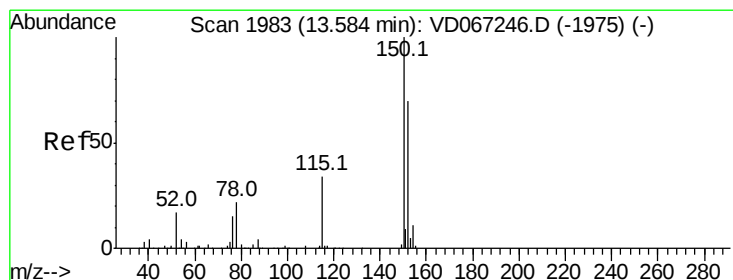
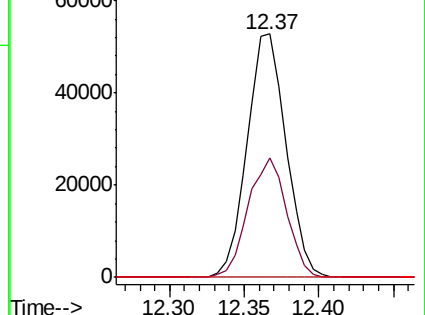
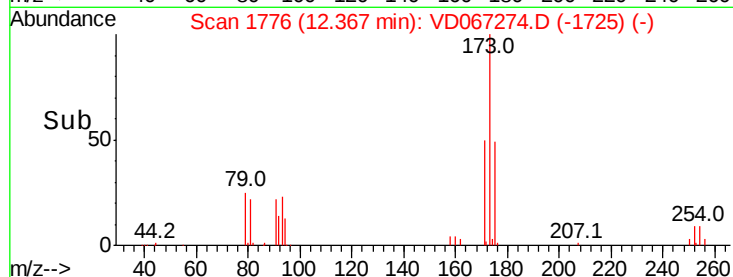
254 0.0 0.1 0.1#



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# 1983

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

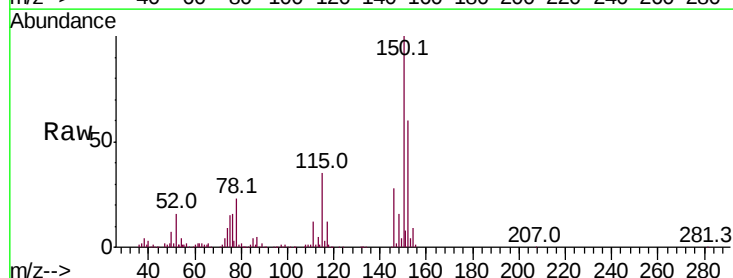
Tgt Ion:152 Resp: 227131

Ion Ratio Lower Upper

152 100

115 60.9 29.3 87.9

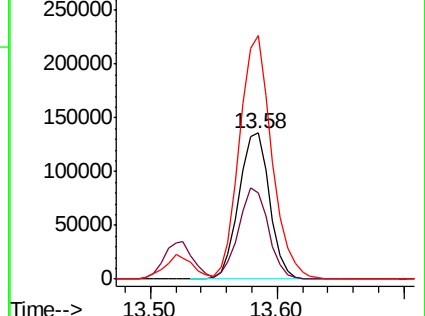
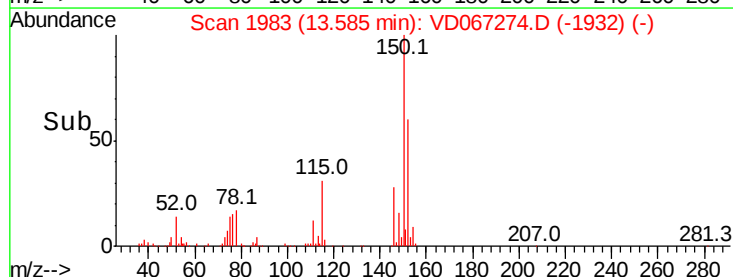
150 175.6 0.0 339.0

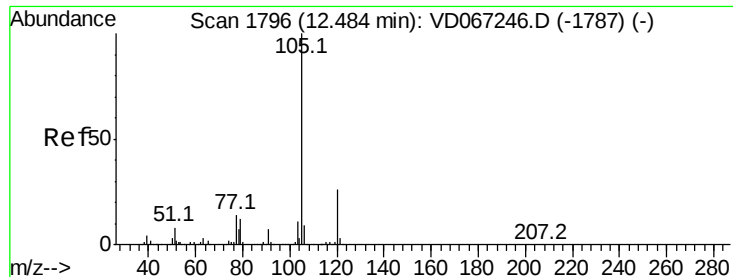


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.283 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

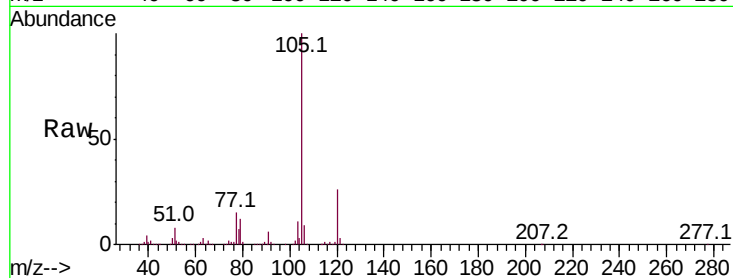
VSTDCCC050

Tot Ion:105 Resp: 768092

Ion Ratio Lower Upper

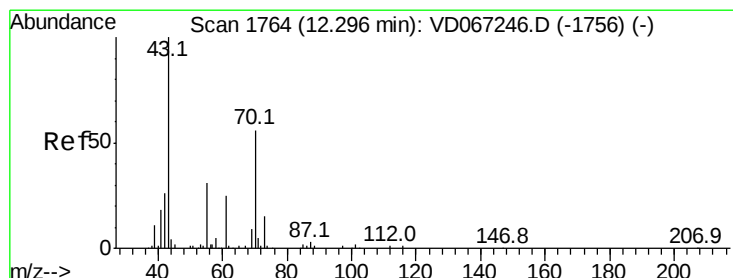
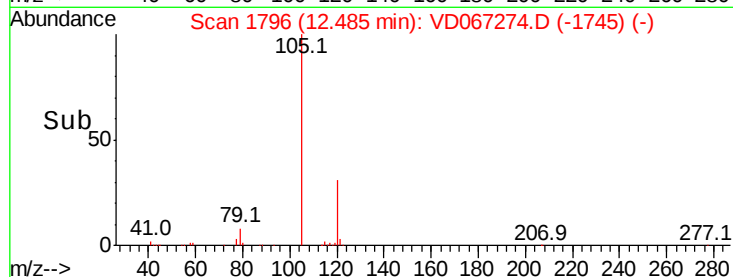
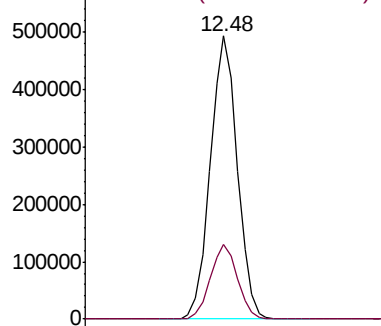
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.720 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Tgt Ion: 43 Resp: 110426

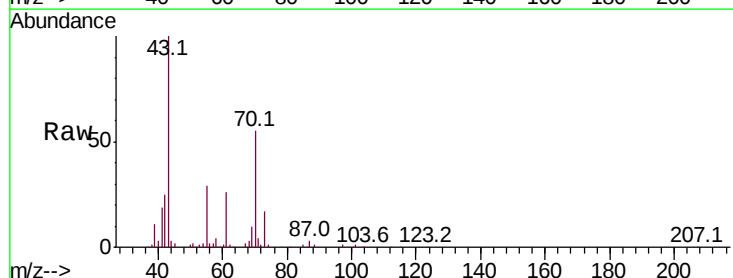
Ion Ratio Lower Upper

43 100

70 53.4 42.7 64.1

55 29.3 24.0 36.0

61 29.1 22.2 33.4

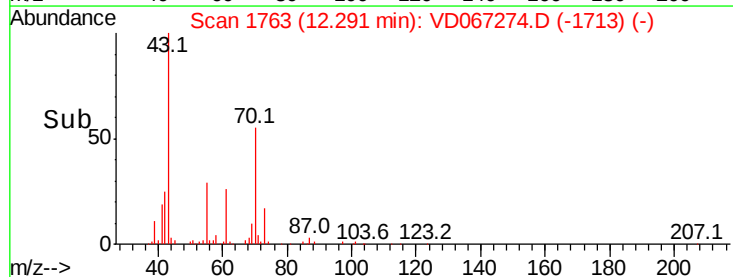
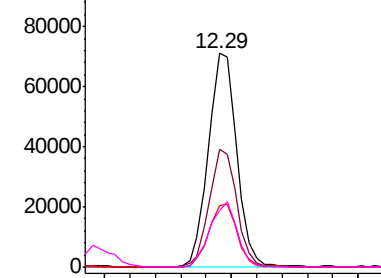


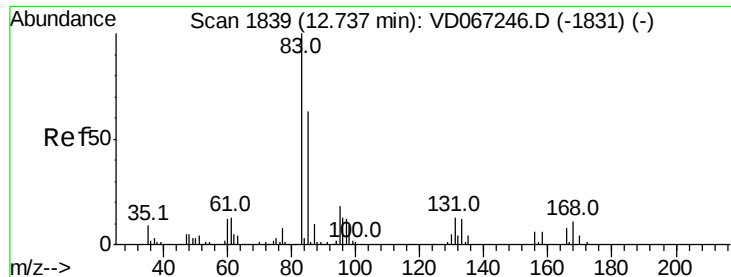
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 50.631 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

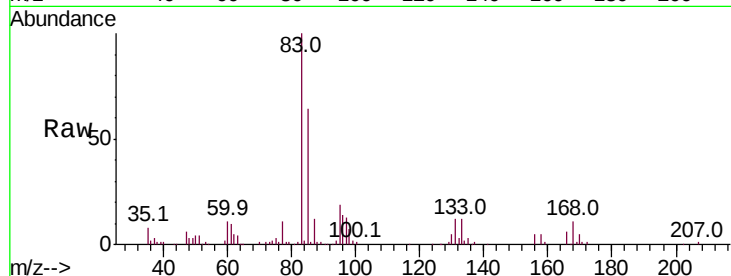
Tot Ion: 83 Resp: 111831

Ion Ratio Lower Upper

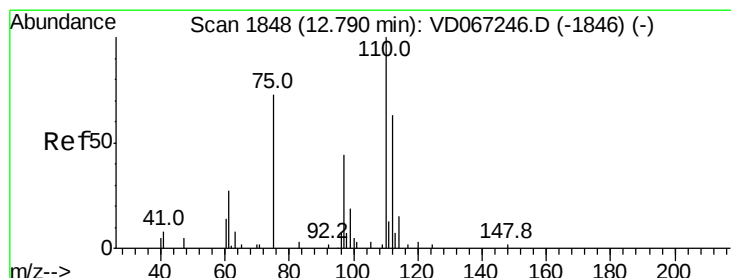
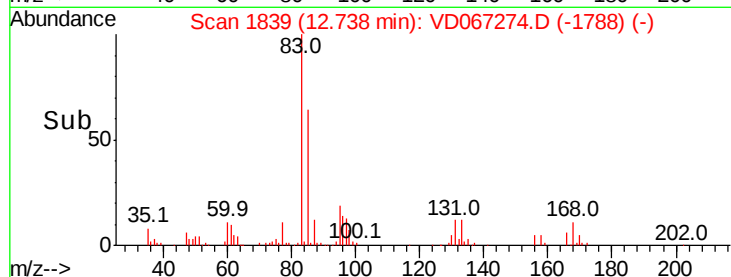
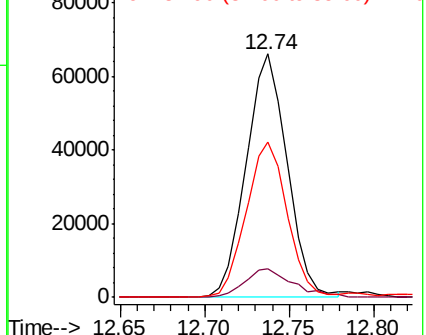
83 100

131 13.9 6.5 19.5

85 63.8 32.6 97.7



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



#76

1,2,3-Trichloropropane

Concen: 95.725 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067274.D

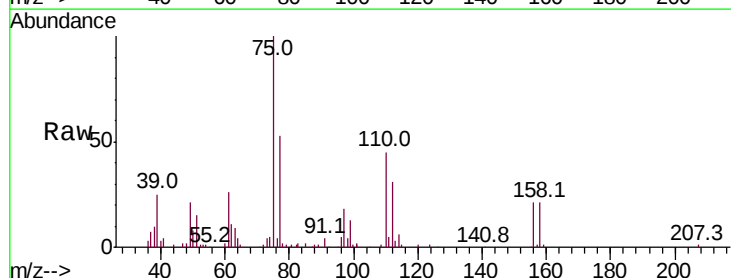
Acq: 15 Oct 2020 10:44

Tgt Ion: 75 Resp: 150693

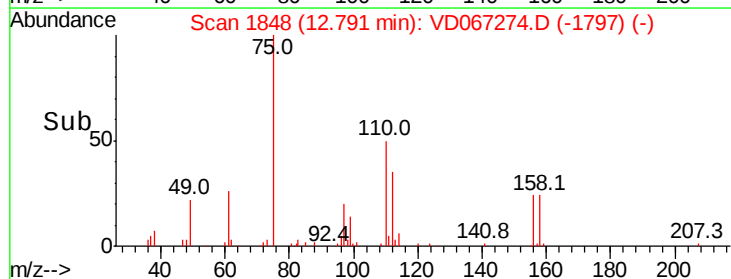
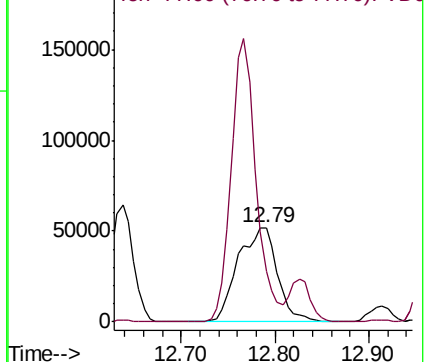
Ion Ratio Lower Upper

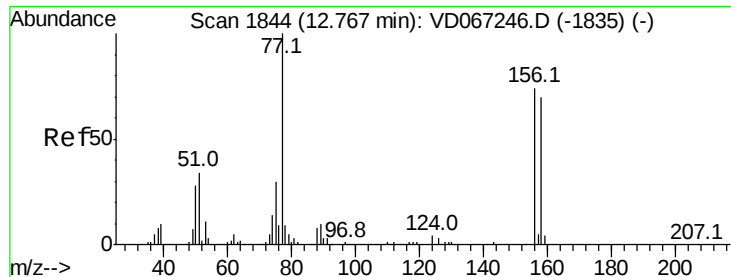
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 49.481 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

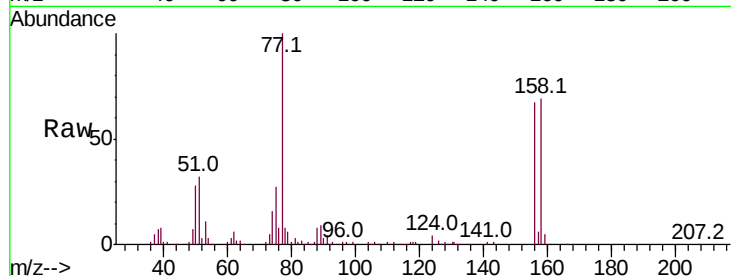
Tot Ion:156 Resp: 177829

Ion Ratio Lower Upper

156 100

77 161.9 78.0 233.8

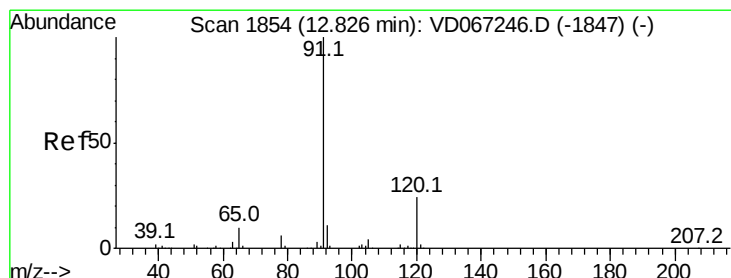
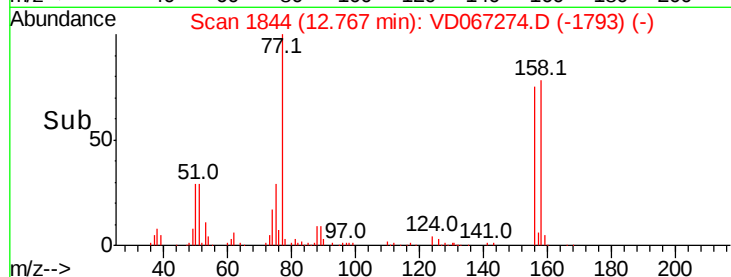
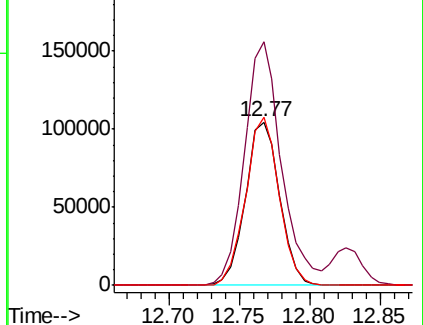
158 100.8 49.1 147.3



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: 52.160 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067274.D

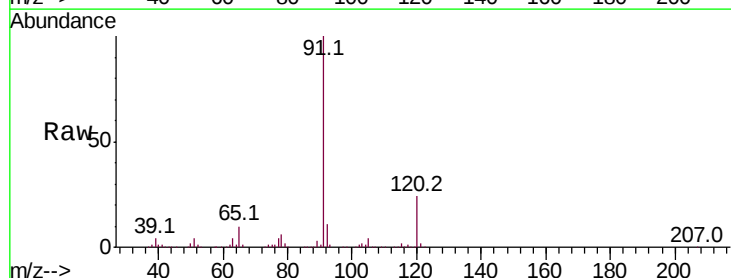
Acq: 15 Oct 2020 10:44

Tgt Ion: 91 Resp: 871176

Ion Ratio Lower Upper

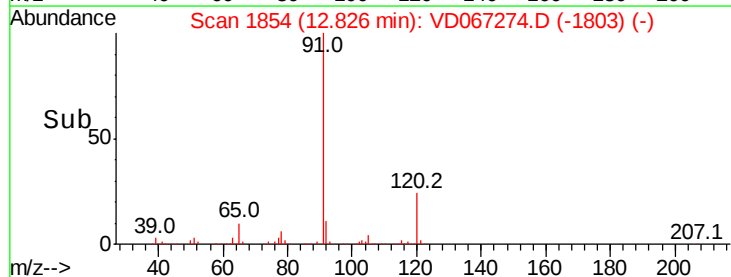
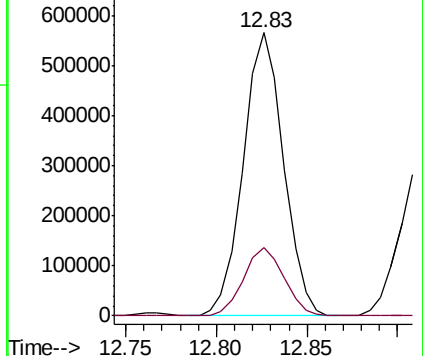
91 100

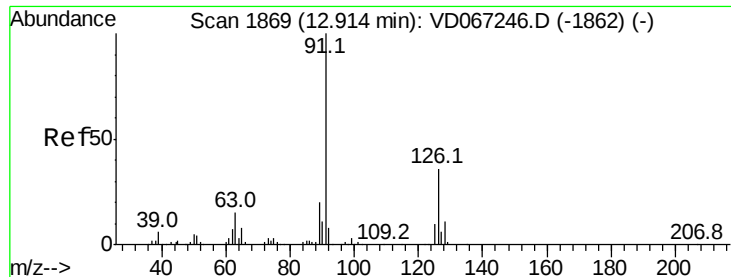
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.583 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

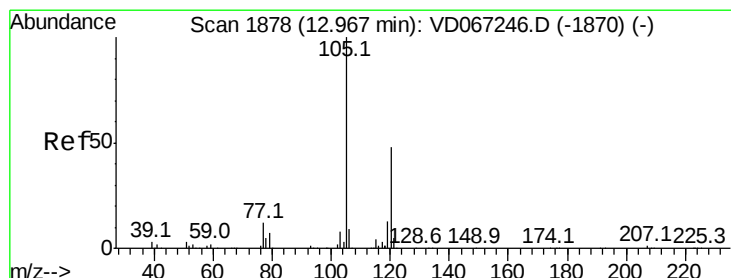
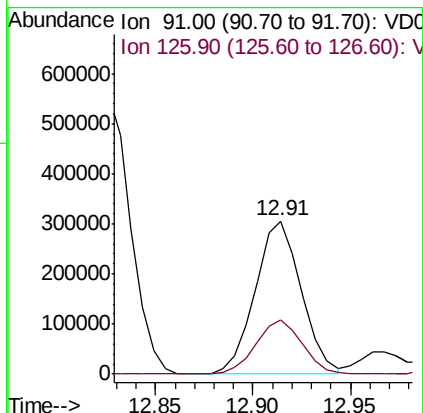
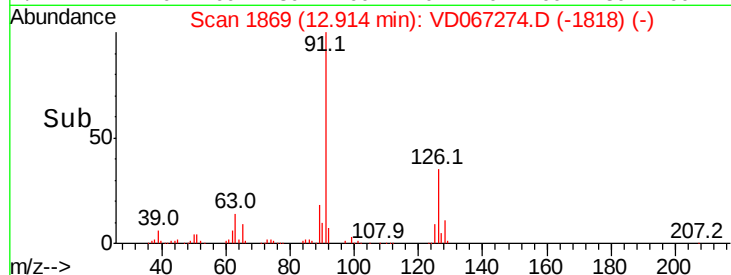
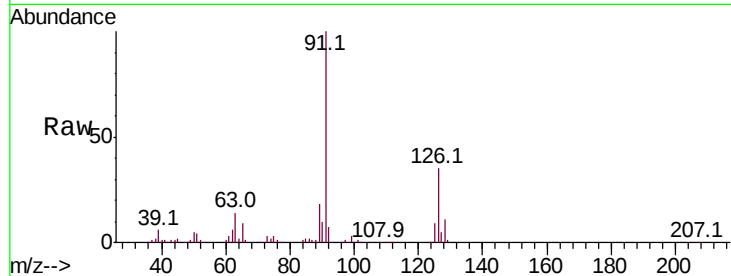
VSTDCCC050

Tot Ion: 91 Resp: 499619

Ion Ratio Lower Upper

91 100

126 35.4 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 52.486 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067274.D

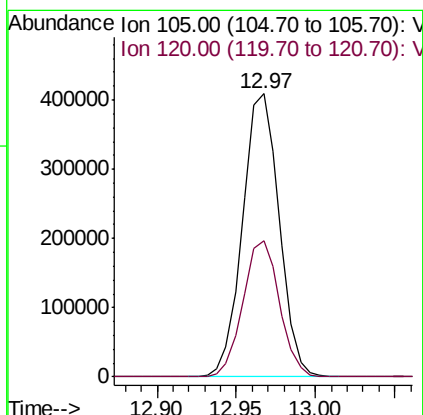
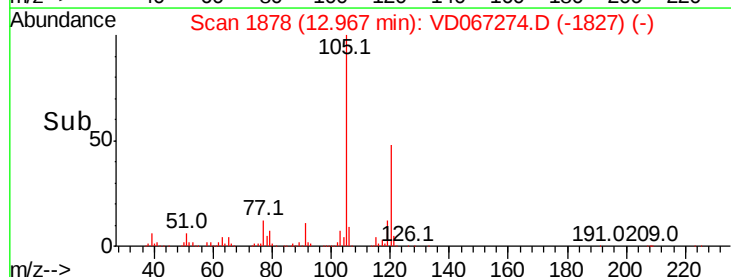
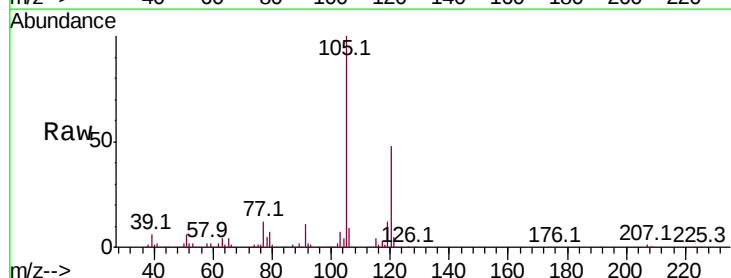
Acq: 15 Oct 2020 10:44

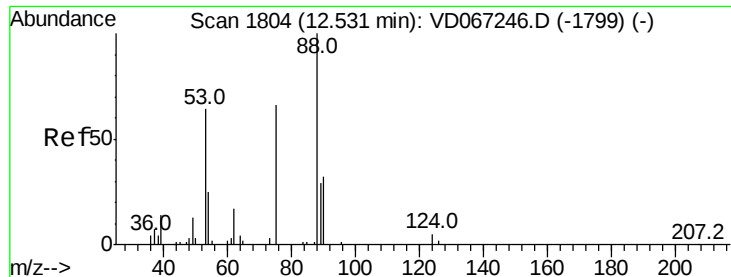
Tgt Ion: 105 Resp: 657480

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.346 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

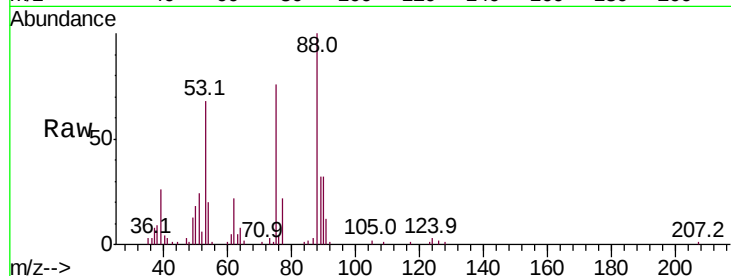
Tot Ion: 75 Resp: 35644

Ion Ratio Lower Upper

75 100

53 91.9 78.5 117.7

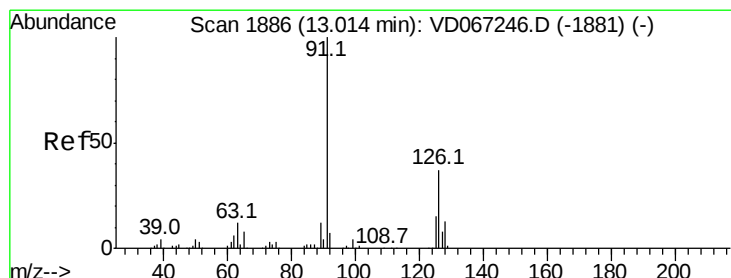
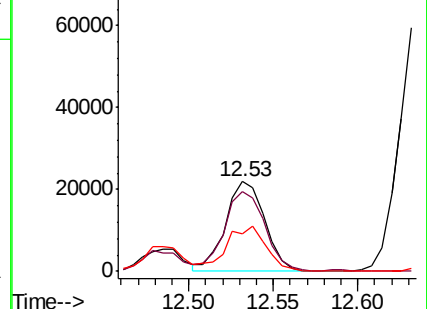
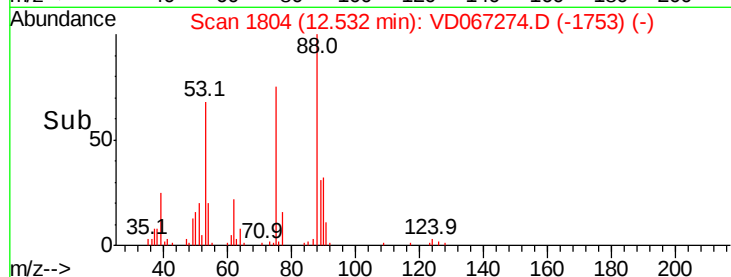
89 49.6 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 51.232 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD067274.D

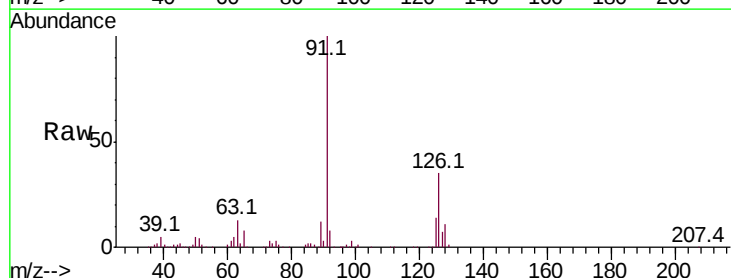
Acq: 15 Oct 2020 10:44

Tgt Ion: 91 Resp: 526666

Ion Ratio Lower Upper

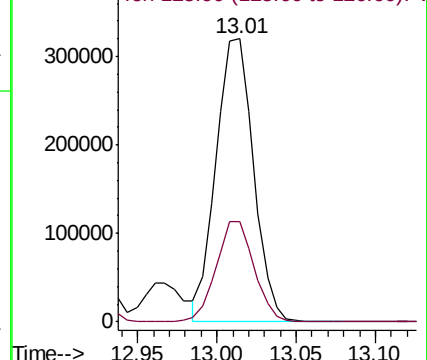
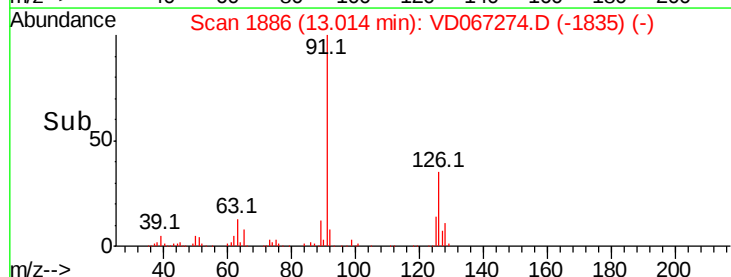
91 100

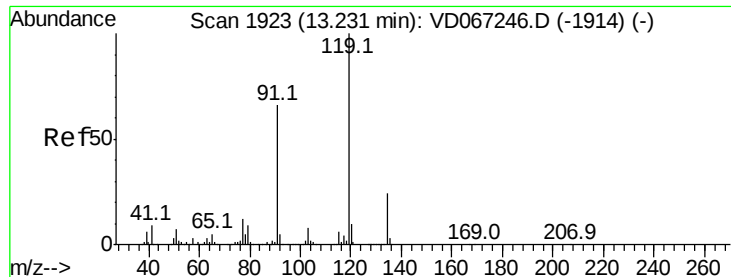
126 35.8 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

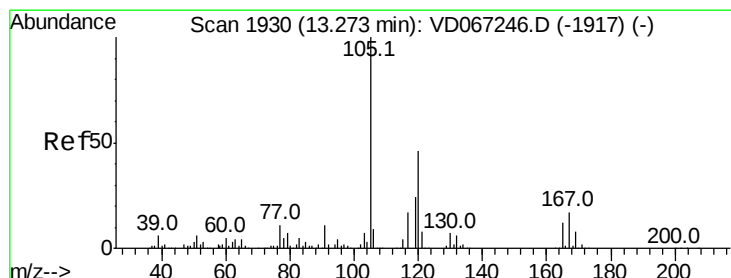
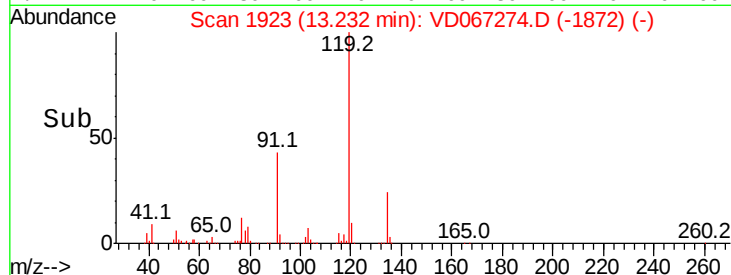
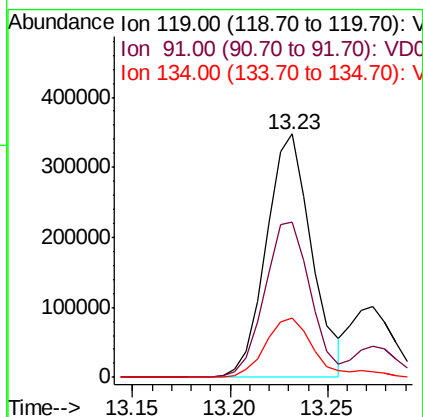
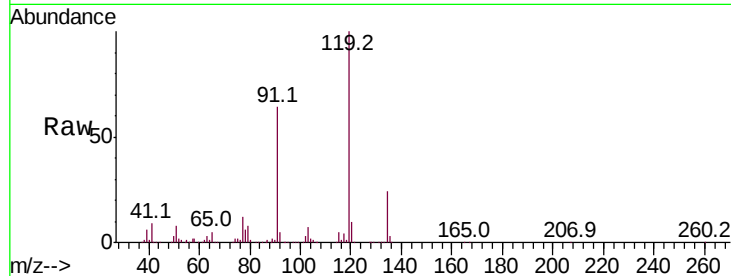




#83
tert-Butylbenzene
Concen: 53.017 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

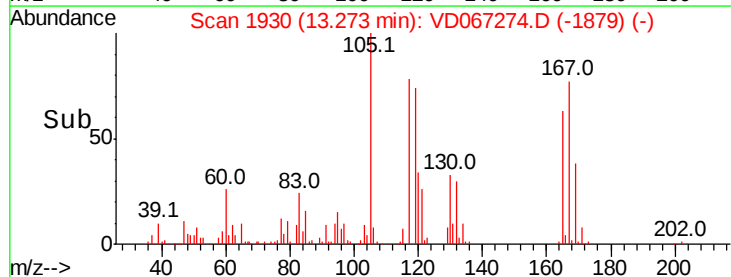
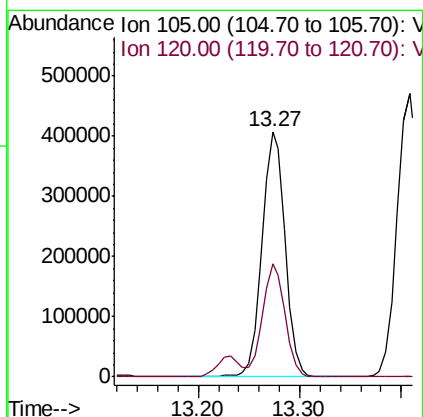
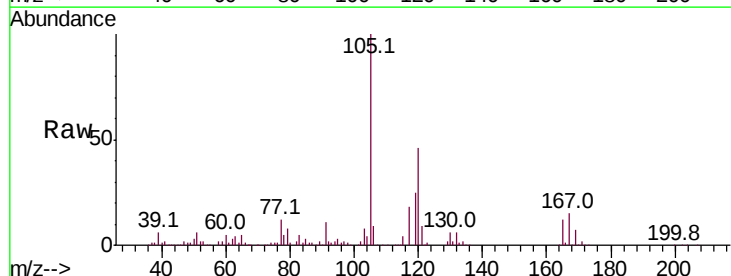
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

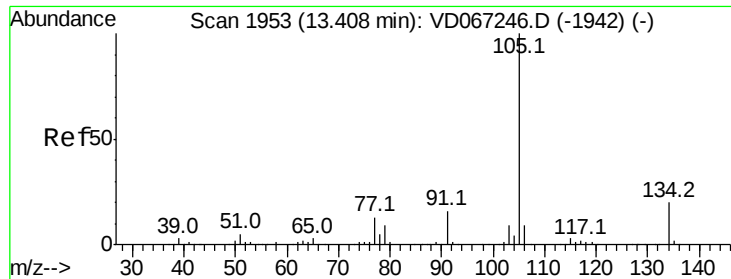
Tot Ion:119 Resp: 561001
Ion Ratio Lower Upper
119 100
91 64.5 33.1 99.2
134 26.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 52.392 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

Tgt Ion:105 Resp: 648667
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.3





#85

sec-Butylbenzene

Concen: 51.580 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

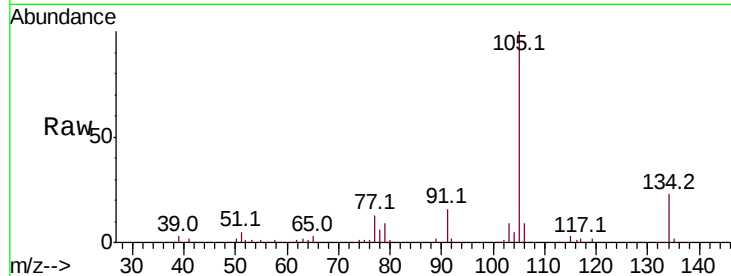
VSTDCCC050

Tot Ion:105 Resp: 748911

Ion Ratio Lower Upper

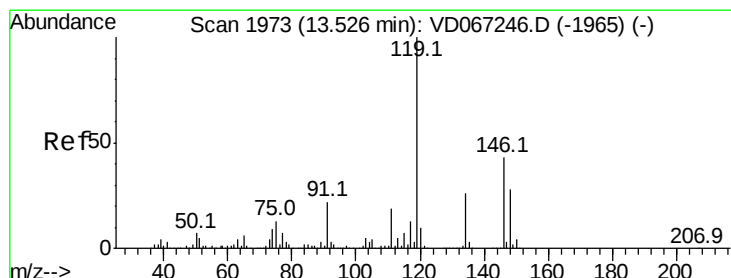
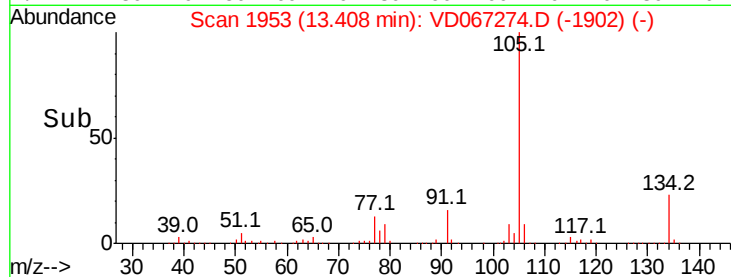
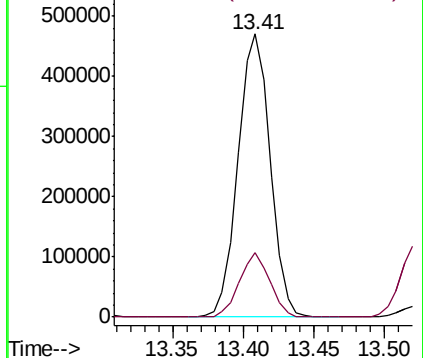
105 100

134 21.7 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.754 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067274.D

Acq: 15 Oct 2020 10:44

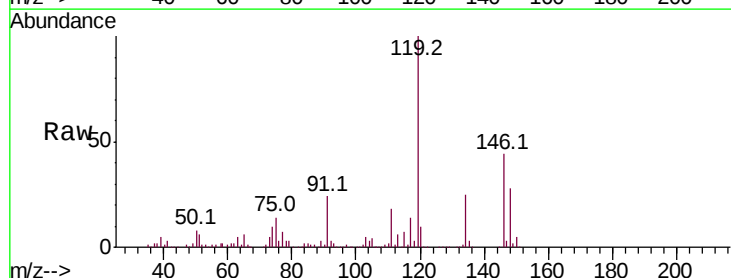
Tgt Ion:119 Resp: 722969

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

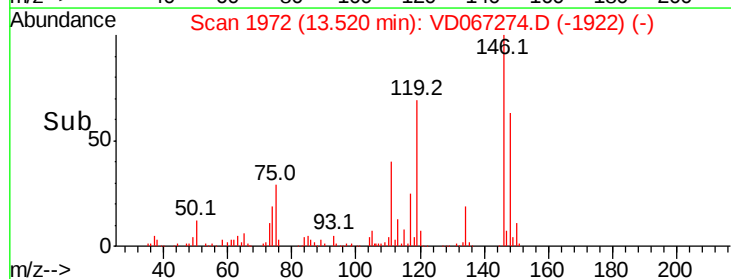
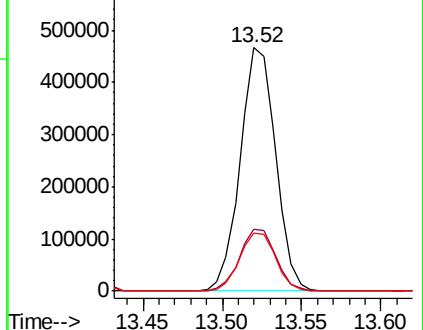
91 24.2 11.9 35.9

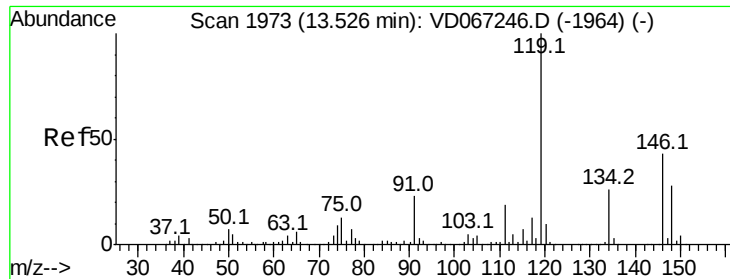


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

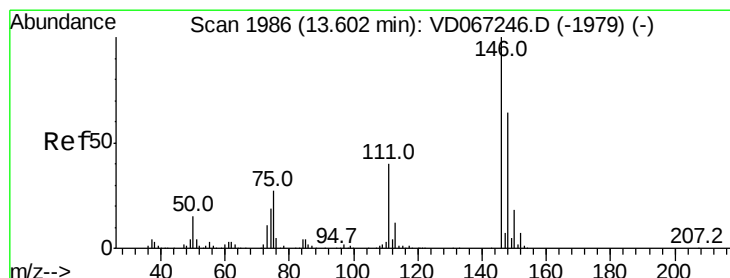
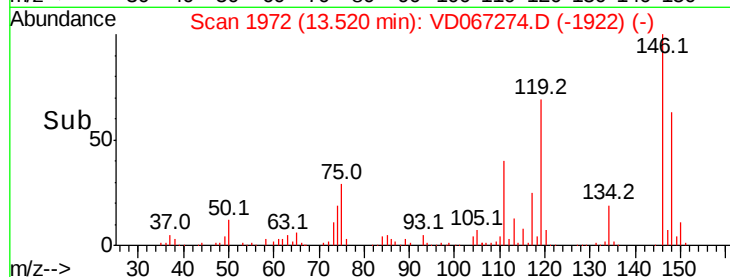
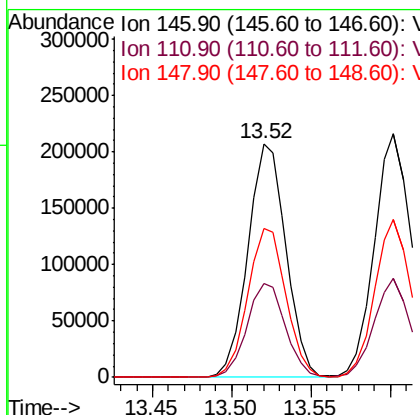
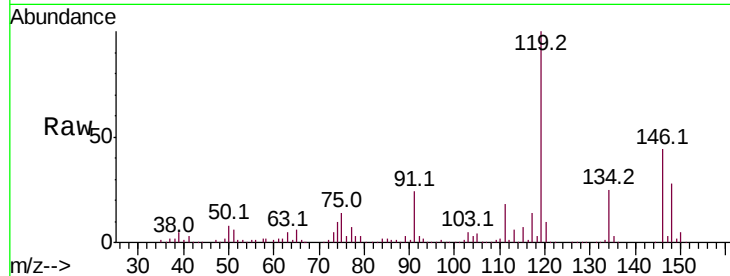




#87
 1,3-Dichlorobenzene
 Concen: 50.068 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067274.D
 Acq: 15 Oct 2020 10:44

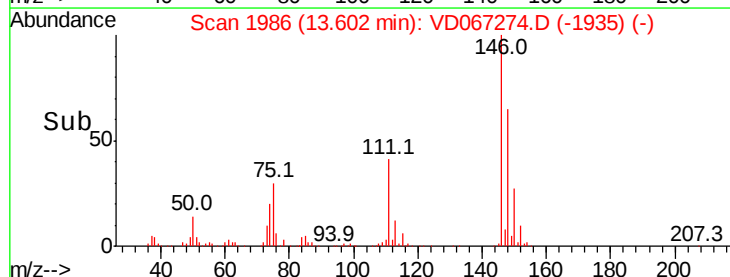
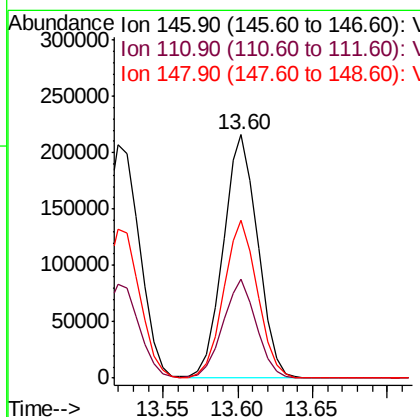
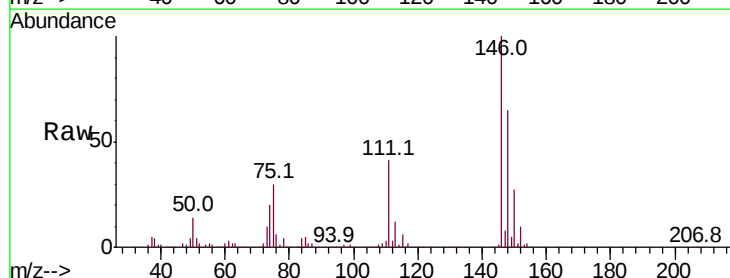
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

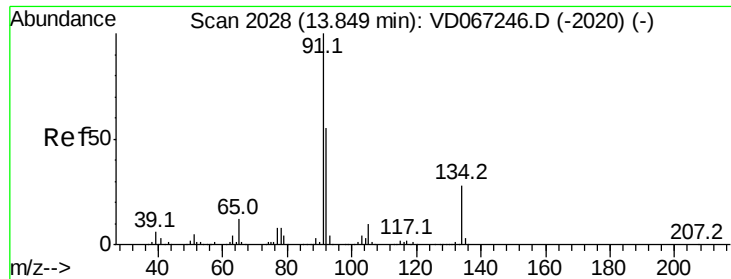
Tot Ion:146 Resp: 346339
 Ion Ratio Lower Upper
 146 100
 111 40.3 21.1 63.3
 148 64.0 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 50.815 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067274.D
 Acq: 15 Oct 2020 10:44

Tgt Ion:146 Resp: 348255
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.9 59.7
 148 63.6 31.9 95.9

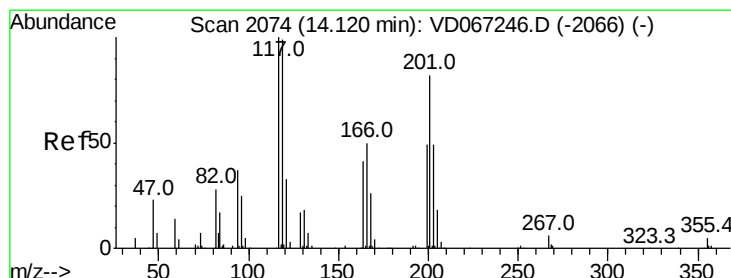
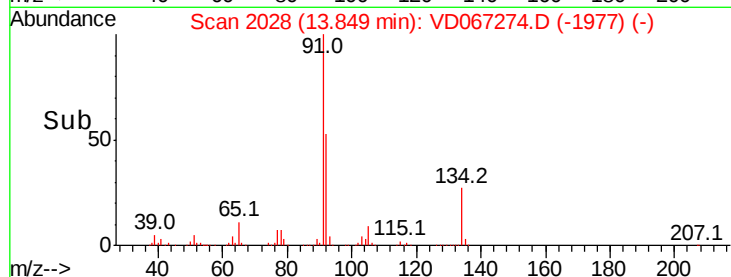
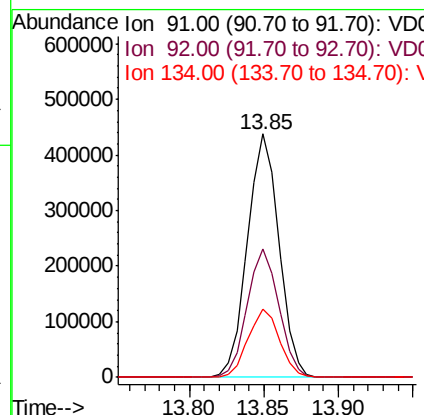
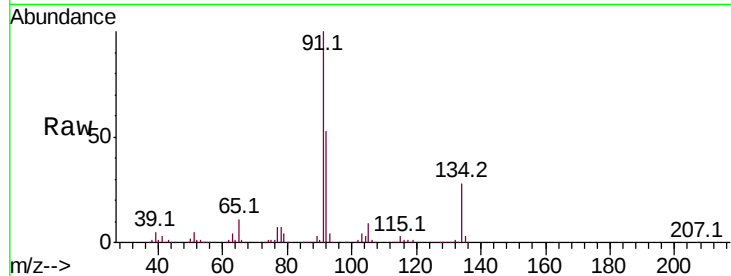




#89
n-Butylbenzene
Concen: 52.977 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

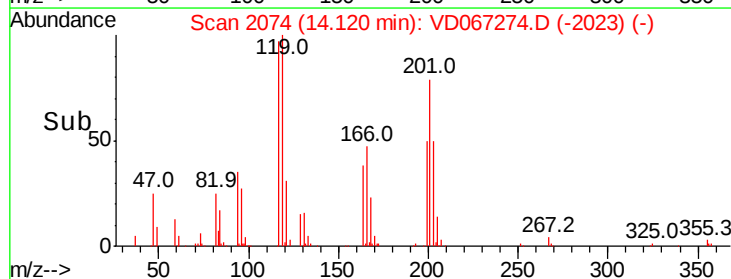
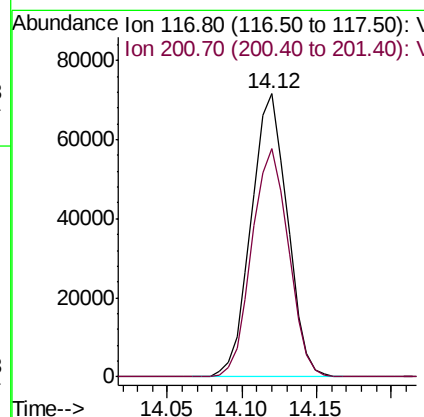
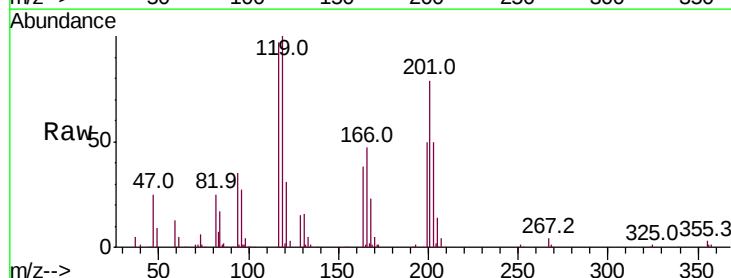
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

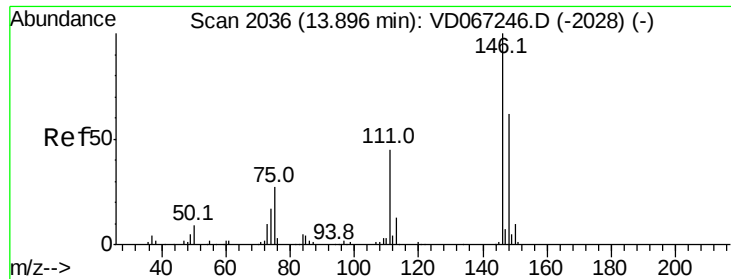
Tot Ion: 91 Resp: 638708
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.0
134 27.9 14.2 42.6



#90
Hexachloroethane
Concen: 50.309 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

Tgt Ion: 117 Resp: 120313
Ion Ratio Lower Upper
117 100
201 81.5 40.8 122.2

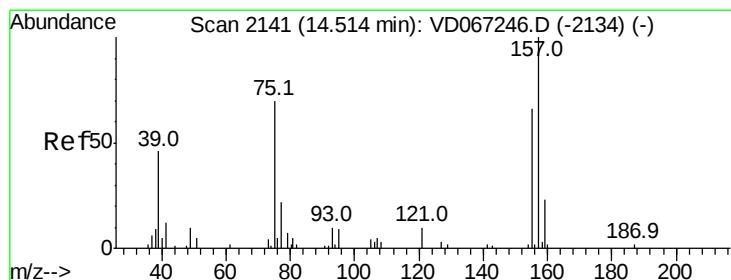
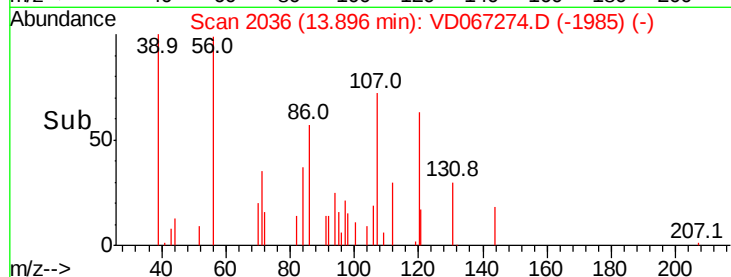
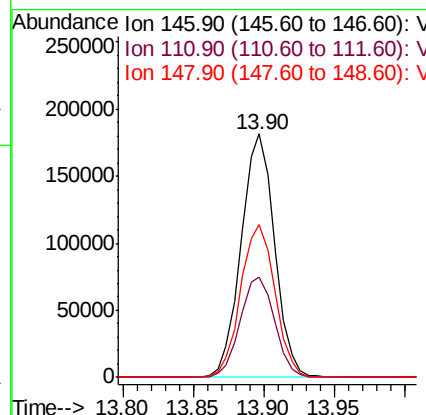
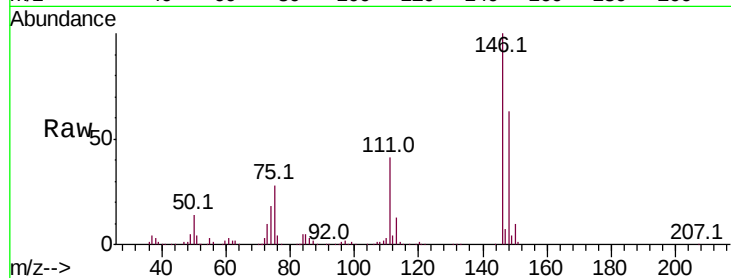




#91
 1,2-Dichlorobenzene
 Concen: 49.854 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067274.D
 Acq: 15 Oct 2020 10:44

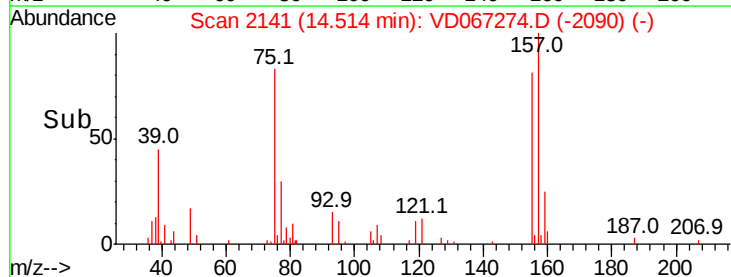
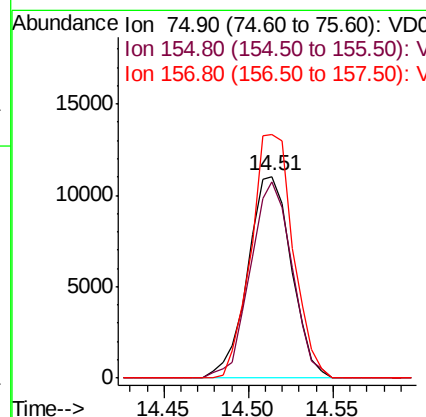
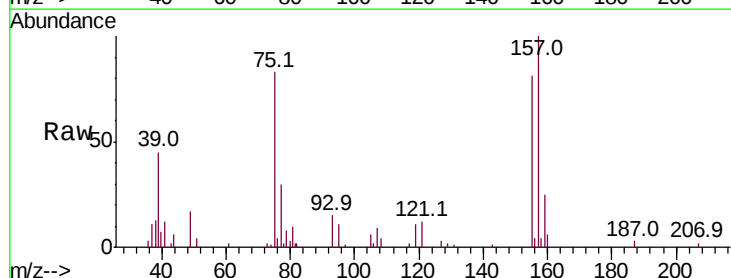
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

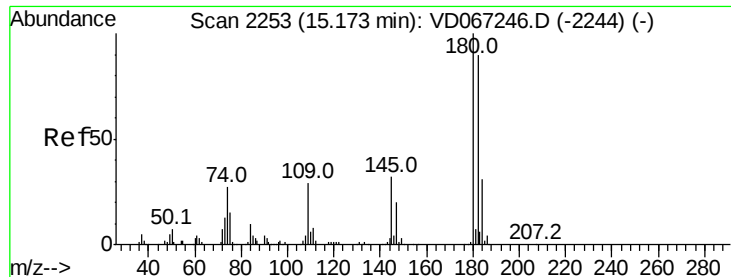
Tot Ion:146 Resp: 301265
 Ion Ratio Lower Upper
 146 100
 111 42.3 22.0 66.0
 148 64.6 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.486 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067274.D
 Acq: 15 Oct 2020 10:44

Tgt Ion: 75 Resp: 19857
 Ion Ratio Lower Upper
 75 100
 155 93.1 44.8 134.4
 157 117.2 62.5 187.4

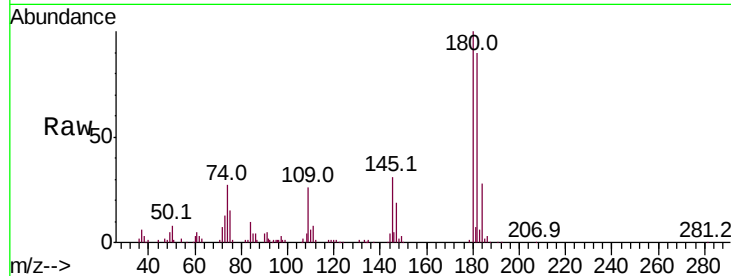




#93
 1,2,4-Trichlorobenzene
 Concen: 52.016 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067274.D
 Acq: 15 Oct 2020 10:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.1	144.4
145	32.9	16.3	48.9

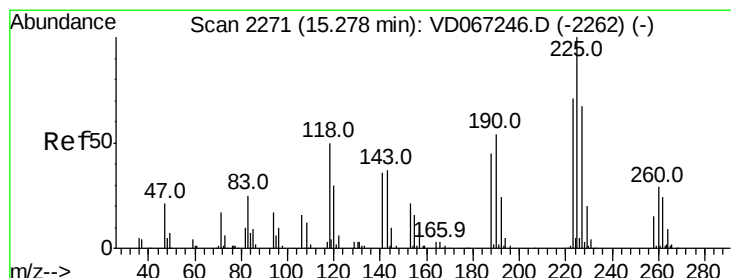
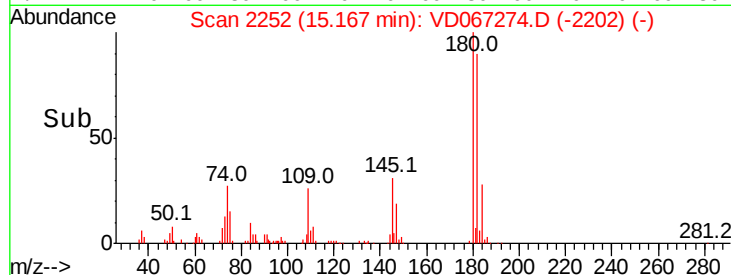
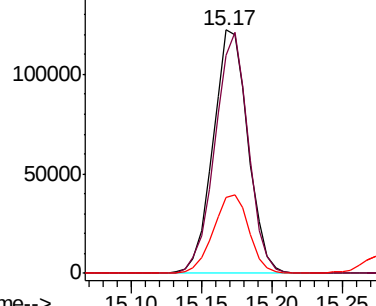


Abundance

Ion 179.80 (179.50 to 180.50): V

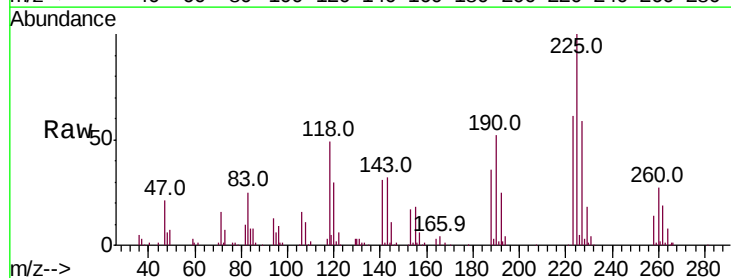
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 53.041 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067274.D
 Acq: 15 Oct 2020 10:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.9	95.7
227	63.4	31.2	93.6

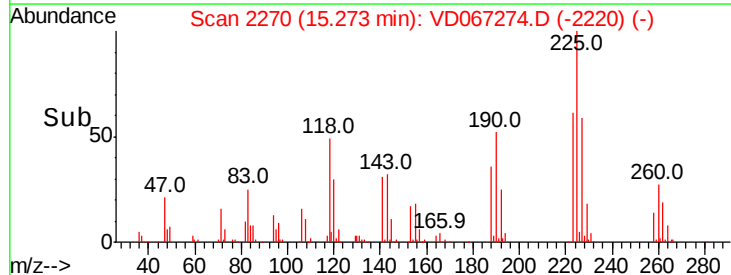
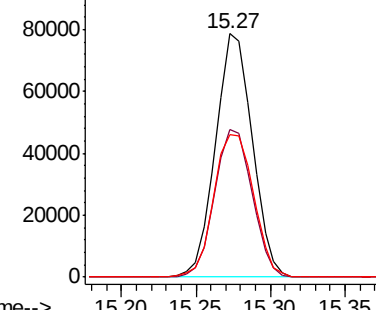


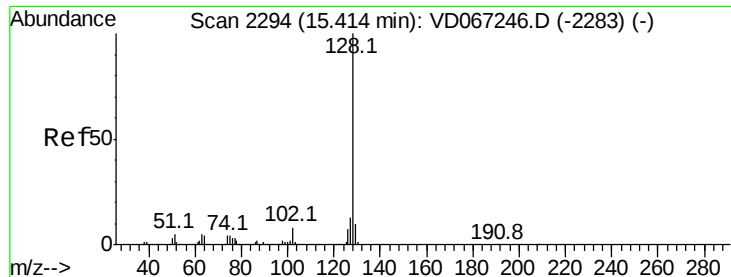
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

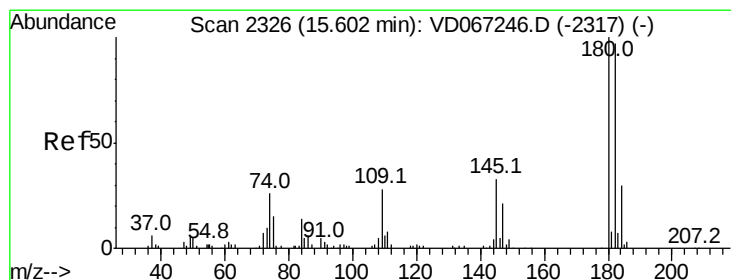
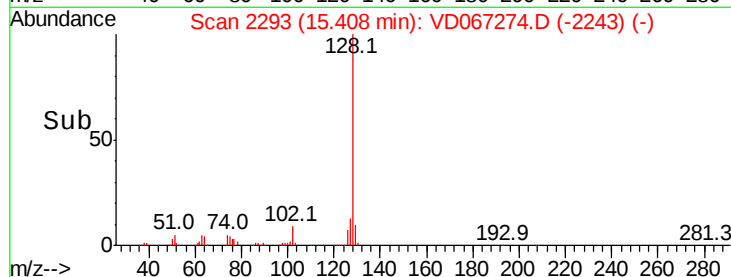
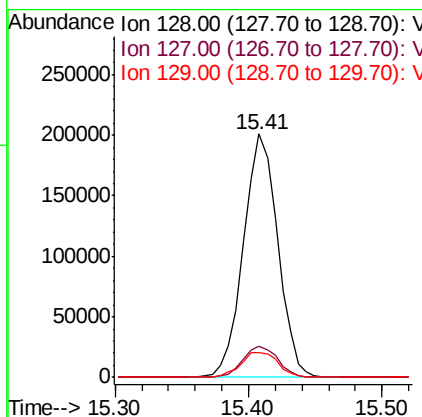
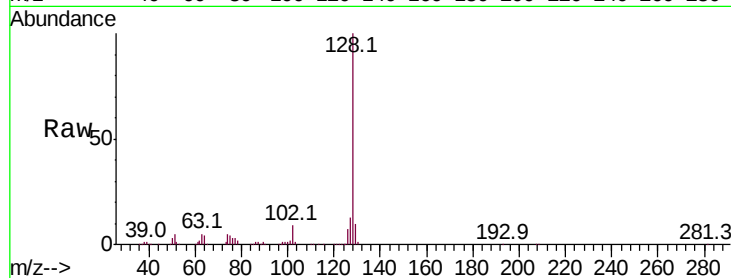




#95
Naphthalene
Concen: 53.356 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 356918
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.684 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067274.D
Acq: 15 Oct 2020 10:44

Tgt Ion:180 Resp: 185439
Ion Ratio Lower Upper
180 100
182 97.2 48.1 144.3
145 34.4 17.3 51.9

