

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102820\
 Data File : VD067426.D
 Acq On : 28 Oct 2020 11:32
 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 29 00:43:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	344760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	507935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	457363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	229170	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	153001	44.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.60%	
35) Dibromofluoromethane	7.92	113	163321	48.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.64%	
50) Toluene-d8	10.34	98	593579	48.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.64	95	197529	46.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.98	85	118021	41.943	ug/l	97
3) Chloromethane	2.21	50	85358	39.340	ug/l	97
4) Vinyl Chloride	2.35	62	103668	43.546	ug/l	99
5) Bromomethane	2.77	94	79150	47.667	ug/l	99
6) Chloroethane	2.92	64	64894	43.770	ug/l	96
7) Trichlorofluoromethane	3.27	101	284422	47.445	ug/l	96
8) Diethyl Ether	3.71	74	62213	45.353	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	155855	48.935	ug/l	98
10) Methyl Iodide	4.30	142	150587	51.255	ug/l	99
11) Tert butyl alcohol	5.21	59	41115	224.263	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	138273	48.596	ug/l	94
13) Acrolein	3.92	56	41425	204.948	ug/l	97
14) Allyl chloride	4.71	41	157706	48.399	ug/l	99
15) Acrylonitrile	5.42	53	109543	239.325	ug/l	100
16) Acetone	4.15	43	126758	262.043	ug/l	99
17) Carbon Disulfide	4.41	76	337532	41.611	ug/l	99
18) Methyl Acetate	4.71	43	52604	47.678	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	272441	48.154	ug/l	98
20) Methylene Chloride	4.96	84	151184	48.673	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	159085	48.585	ug/l	96
22) Diisopropyl ether	6.36	45	298816	50.200	ug/l	98
23) Vinyl Acetate	6.30	43	863691	255.041	ug/l	98
24) 1,1-Dichloroethane	6.26	63	248571	48.784	ug/l	97
25) 2-Butanone	7.21	43	132204	239.759	ug/l #	84
26) 2,2-Dichloropropane	7.21	77	269035	51.226	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	177124	49.357	ug/l	98
28) Bromochloromethane	7.55	49	78100	44.938	ug/l #	97
29) Tetrahydrofuran	7.57	42	76212	248.641	ug/l	97
30) Chloroform	7.71	83	296714	48.746	ug/l	93
31) Cyclohexane	7.98	56	185343	46.589	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	301653	50.509	ug/l	99
36) 1,1-Dichloropropene	8.11	75	216381	50.262	ug/l	99
37) Ethyl Acetate	7.29	43	63090	49.809	ug/l #	94
38) Carbon Tetrachloride	8.10	117	281107	51.089	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	231675	51.476	ug/l	98
40) Benzene	8.35	78	592522	50.169	ug/l	97
41) Methacrylonitrile	7.52	41	37389	54.625	ug/l #	58
42) 1,2-Dichloroethane	8.43	62	180646	48.875	ug/l	100
43) Isopropyl Acetate	8.46	43	121904	48.503	ug/l	98
44) Trichloroethene	9.11	130	192209	50.830	ug/l	96
45) 1,2-Dichloropropane	9.39	63	137168	50.113	ug/l	97
46) Dibromomethane	9.48	93	80871	47.420	ug/l	98
47) Bromodichloromethane	9.67	83	229140	50.149	ug/l	94
48) Methyl methacrylate	9.46	41	59387	48.622	ug/l	95
49) 1,4-Dioxane	9.47	88	18100	1099.751	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	315142	251.395	ug/l	97
52) Toluene	10.41	92	411203	51.118	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	200661	49.993	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	236991	50.452	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	115087	49.488	ug/l	95
56) Ethyl methacrylate	10.67	69	124537	51.636	ug/l	98
57) 1,3-Dichloropropane	10.95	76	184151	49.758	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	314808	254.436	ug/l	98
59) 2-Hexanone	10.99	43	217376	253.765	ug/l	99
60) Dibromochloromethane	11.14	129	164002	48.357	ug/l	99
61) 1,2-Dibromoethane	11.25	107	109037	47.559	ug/l	96
64) Tetrachloroethene	10.88	164	165083	49.818	ug/l	94
65) Chlorobenzene	11.67	112	449238	51.222	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	183224	52.563	ug/l	98
67) Ethyl Benzene	11.75	91	795546	52.916	ug/l	100
68) m/p-Xylenes	11.85	106	612807	105.849	ug/l	98
69) o-Xylene	12.18	106	278928	52.029	ug/l	97
70) Styrene	12.20	104	479644	51.973	ug/l	99
71) Bromoform	12.37	173	93373	49.862	ug/l #	98
73) Isopropylbenzene	12.48	105	813182	55.909	ug/l	99
74) N-amyl acetate	12.29	43	109536	49.863	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	110025	49.370	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	153382	96.566	ug/l #	100
77) Bromobenzene	12.77	156	184296	50.824	ug/l	97
78) n-propylbenzene	12.83	91	926781	54.996	ug/l	100
79) 2-Chlorotoluene	12.91	91	517141	52.917	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	689371	54.542	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	35263	50.345	ug/l	96
82) 4-Chlorotoluene	13.01	91	547916	52.825	ug/l	100
83) tert-Butylbenzene	13.23	119	590814	55.338	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	678326	54.300	ug/l	99
85) sec-Butylbenzene	13.41	105	803580	54.853	ug/l	100
86) p-Isopropyltoluene	13.52	119	766893	55.461	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	365979	52.437	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	355831	51.458	ug/l	99
89) n-Butylbenzene	13.85	91	676593	55.620	ug/l	99
90) Hexachloroethane	14.12	117	128092	53.085	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	312365	51.231	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18984	46.889	ug/l	96

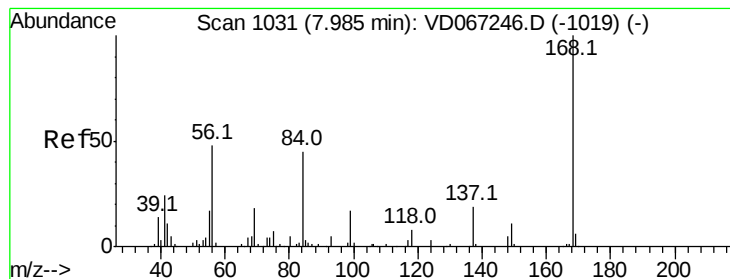
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102820\
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Acq On : 28 Oct 2020 11:32
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	222529	54.132	ug/l	98
94) Hexachlorobutadiene	15.27	225	142845	55.956	ug/l	98
95) Naphthalene	15.41	128	359513	53.266	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	191848	54.020	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

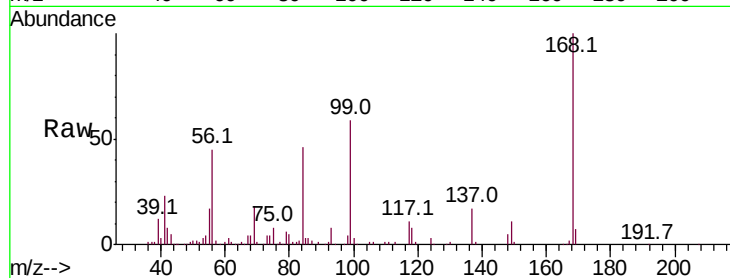
VSTDCCC050

Tot Ion:168 Resp: 344760

Ion Ratio Lower Upper

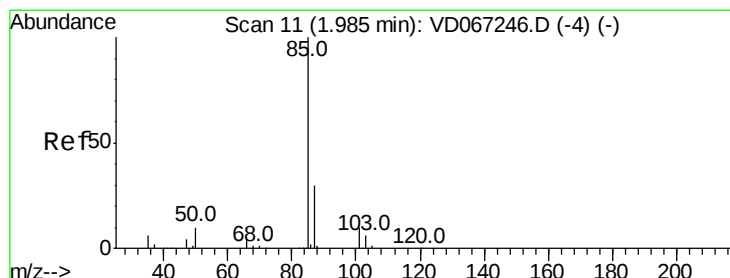
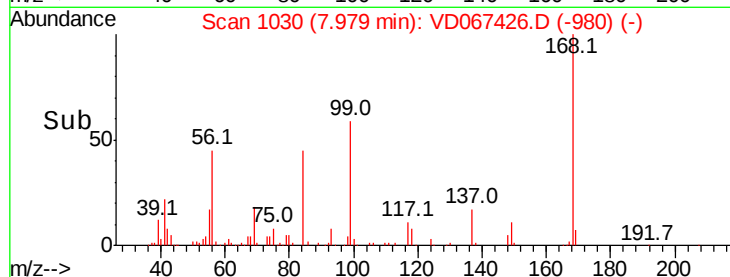
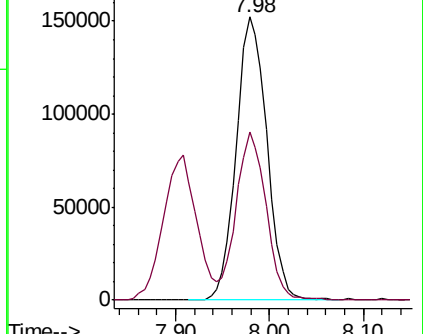
168 100

99 59.2 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: 41.943 ug/l

RT: 1.98 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067426.D

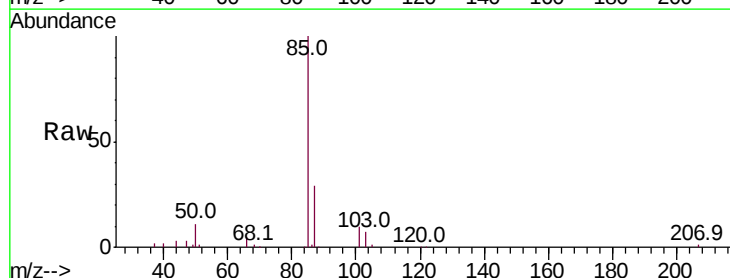
Acq: 28 Oct 2020 11:32

Tgt Ion: 85 Resp: 118021

Ion Ratio Lower Upper

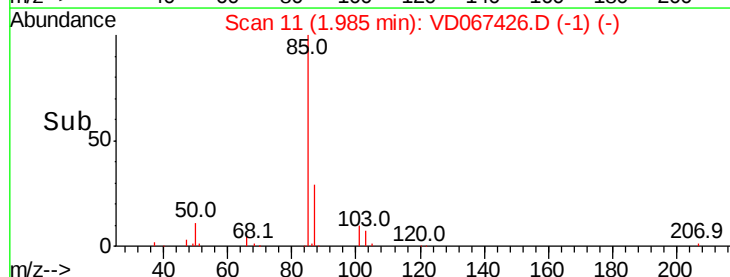
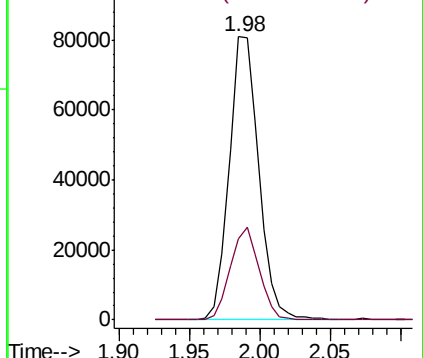
85 100

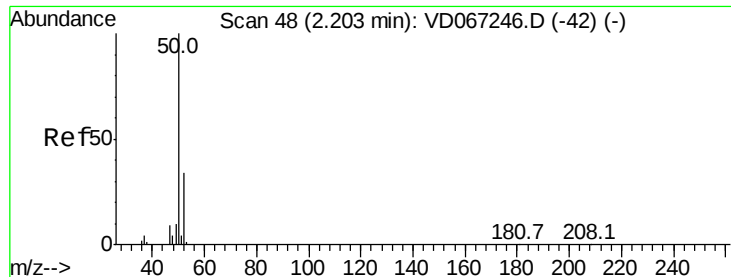
87 28.9 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 39.340 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

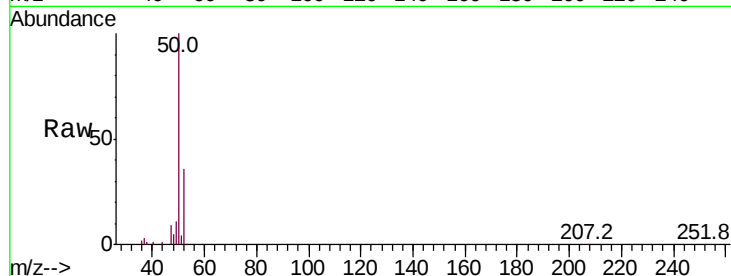
VSTDCCC050

Tot Ion: 50 Resp: 85358

Ion Ratio Lower Upper

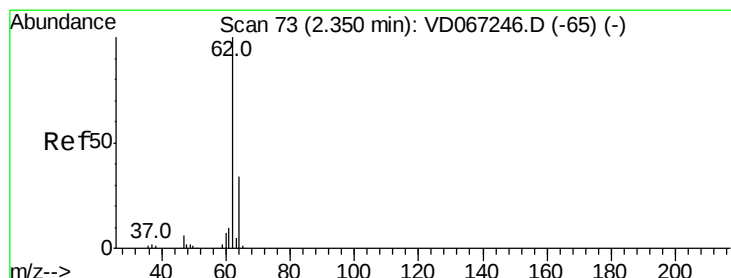
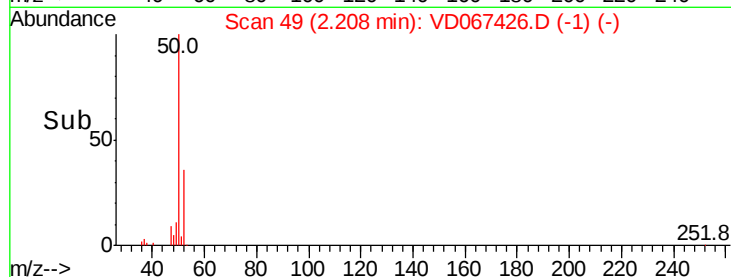
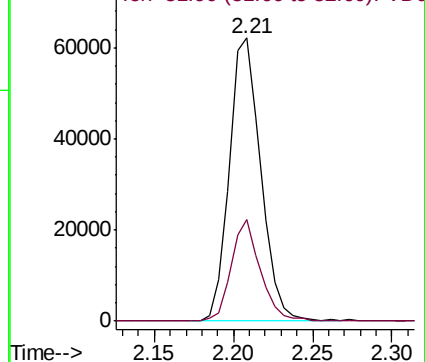
50 100

52 35.7 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 43.546 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067426.D

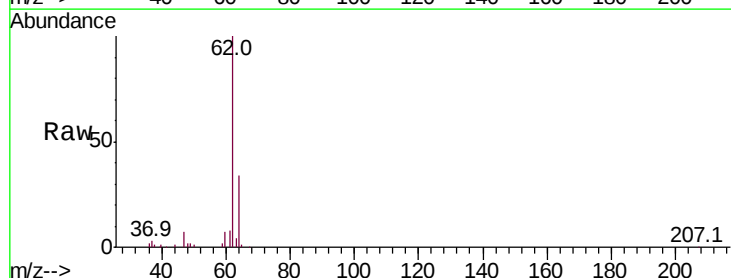
Acq: 28 Oct 2020 11:32

Tgt Ion: 62 Resp: 103668

Ion Ratio Lower Upper

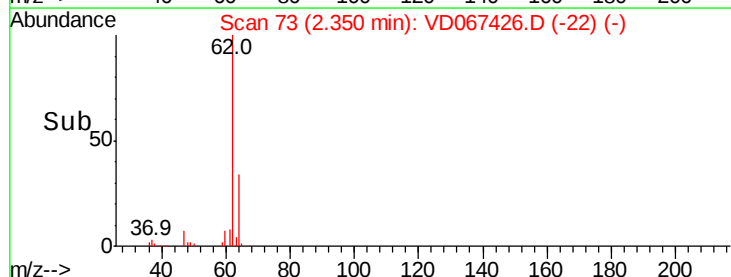
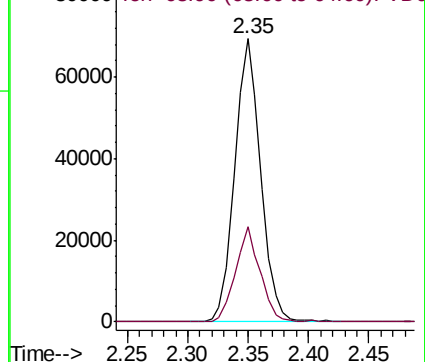
62 100

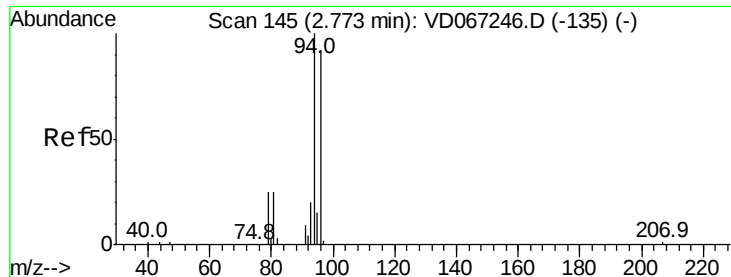
64 33.6 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 47.667 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

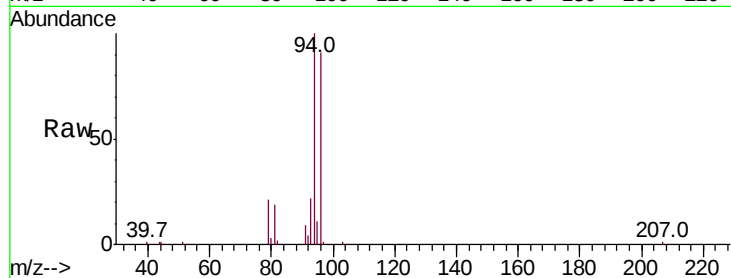
VSTDCCC050

Tot Ion: 94 Resp: 79150

Ion Ratio Lower Upper

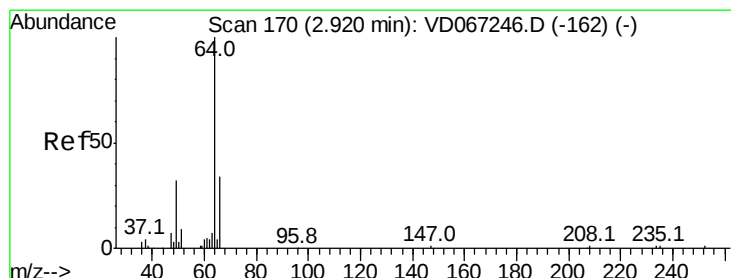
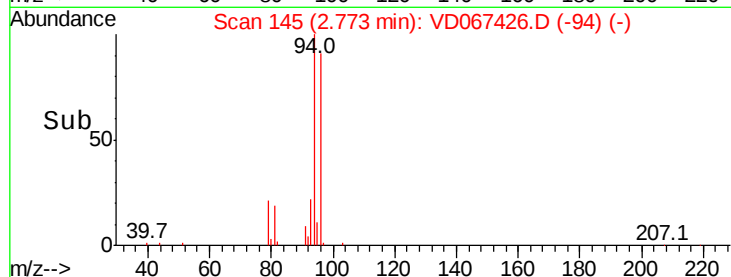
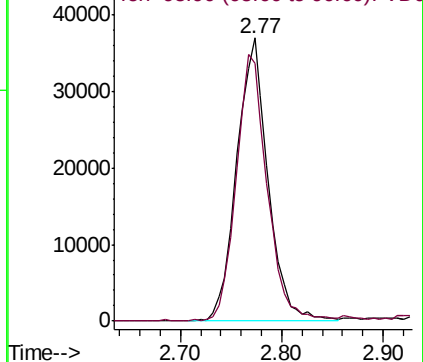
94 100

96 91.1 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 43.770 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD067426.D

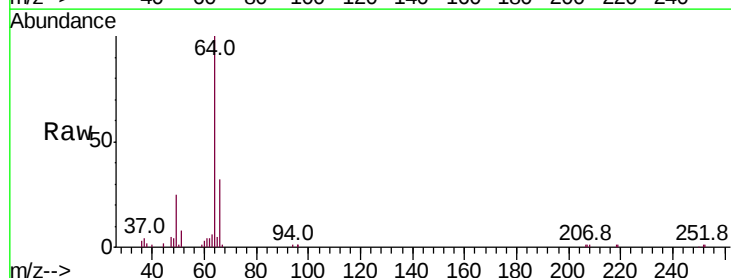
Acq: 28 Oct 2020 11:32

Tgt Ion: 64 Resp: 64894

Ion Ratio Lower Upper

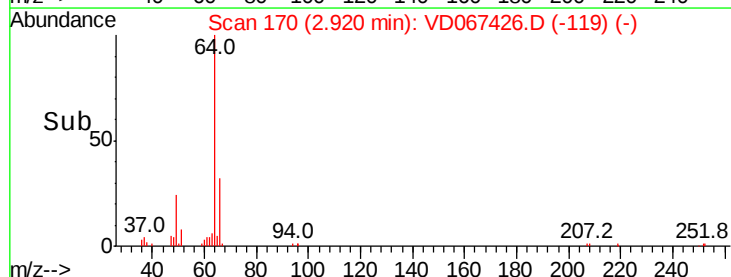
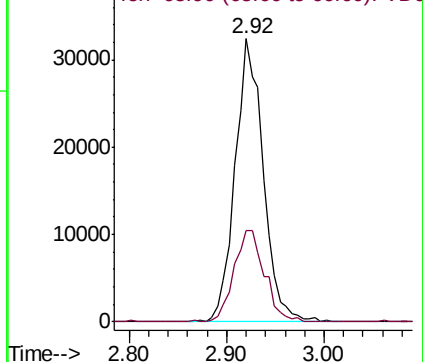
64 100

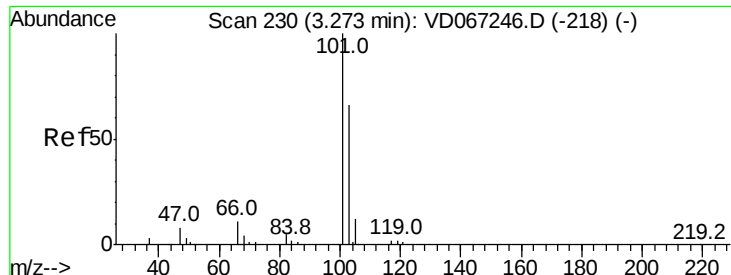
66 32.1 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



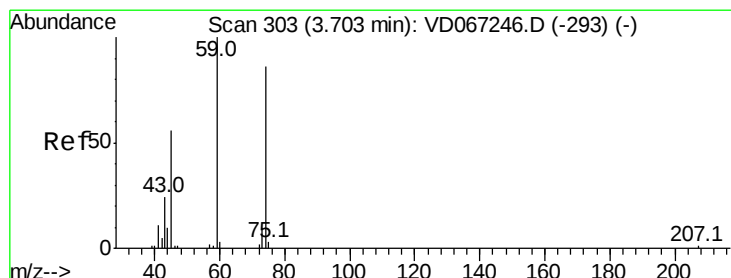
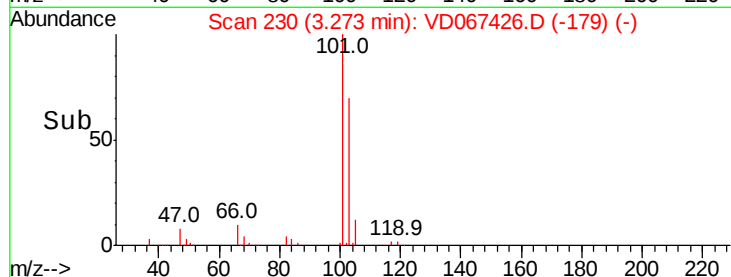
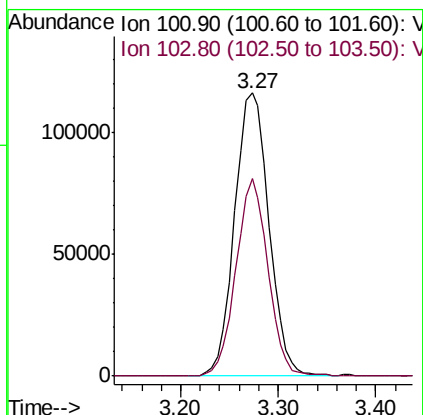
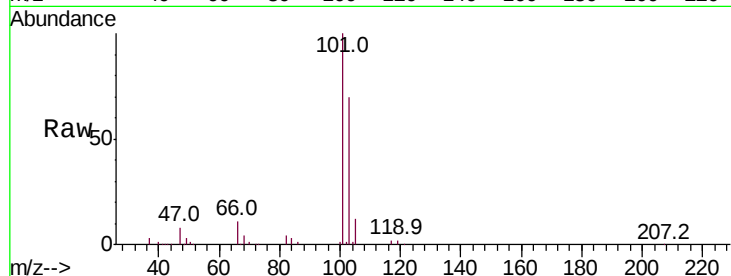


#7

Trichlorofluoromethane
 Concen: 47.445 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD067426.D
 Acq: 28 Oct 2020 11:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

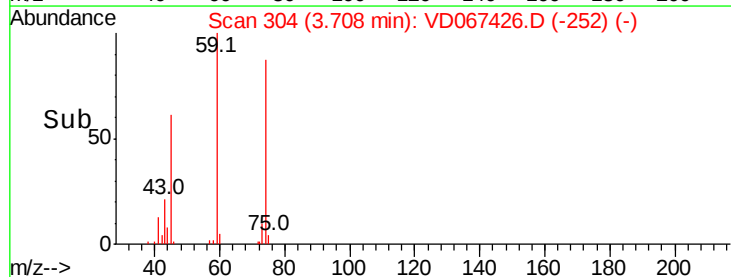
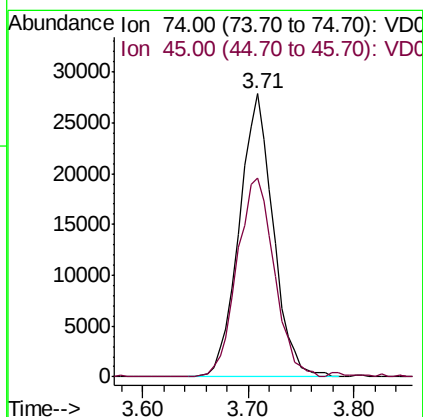
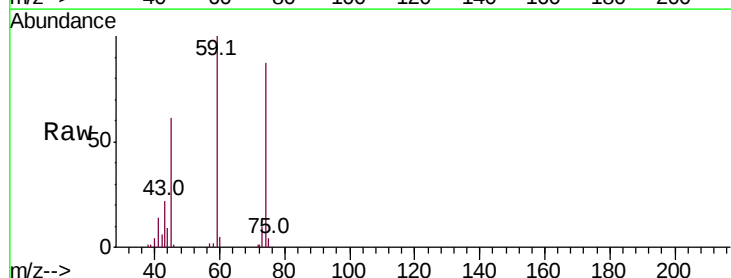
Tot Ion:101 Resp: 284422
 Ion Ratio Lower Upper
 101 100
 103 69.7 53.1 79.7

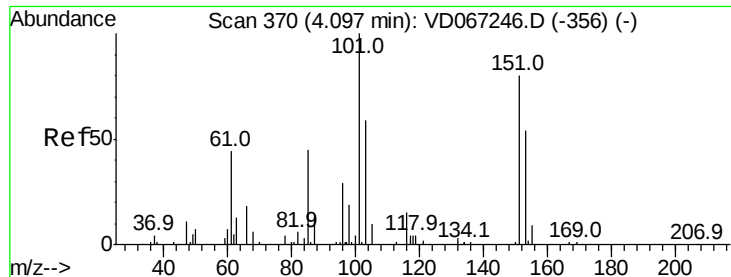


#8

Diethyl Ether
 Concen: 45.353 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD067426.D
 Acq: 28 Oct 2020 11:32

Tgt Ion: 74 Resp: 62213
 Ion Ratio Lower Upper
 74 100
 45 76.9 37.0 111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.935 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

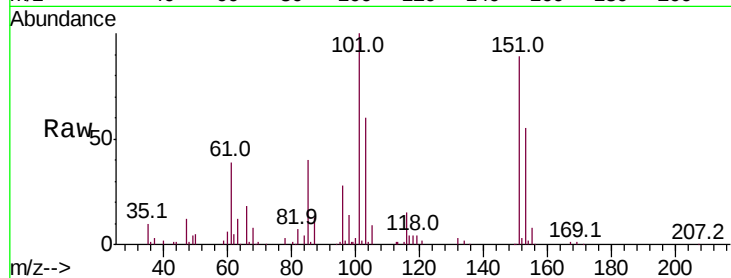
Tot Ion:101 Resp: 155855

Ion Ratio Lower Upper

101 100

85 43.4 34.2 51.4

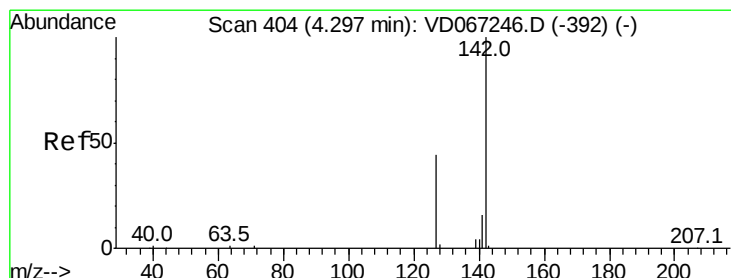
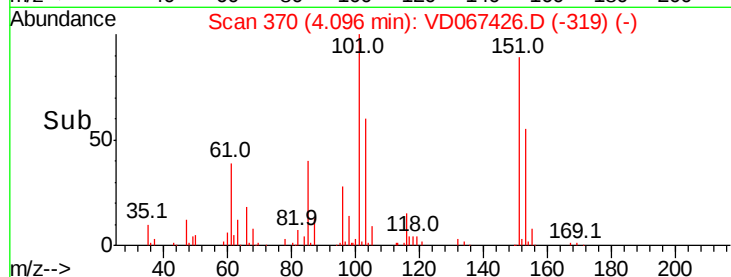
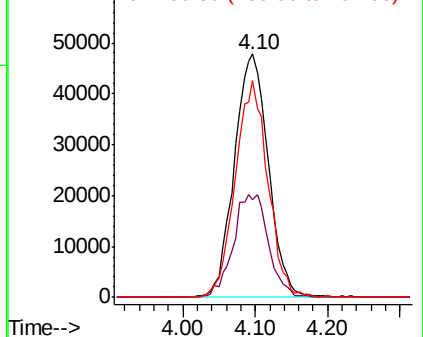
151 85.1 66.3 99.5



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: 51.255 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

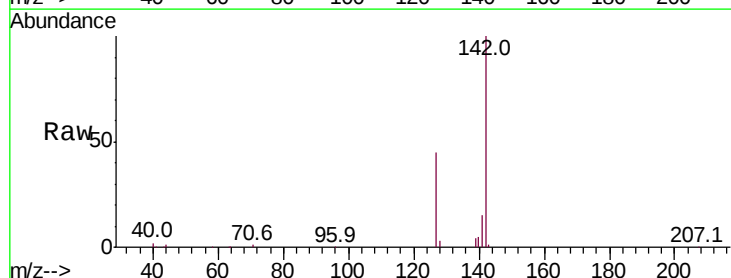
Tgt Ion:142 Resp: 150587

Ion Ratio Lower Upper

142 100

127 49.2 38.4 57.6

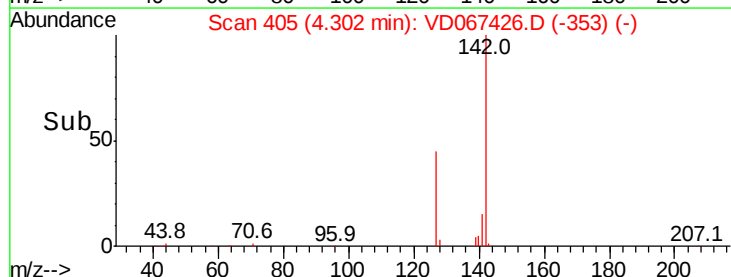
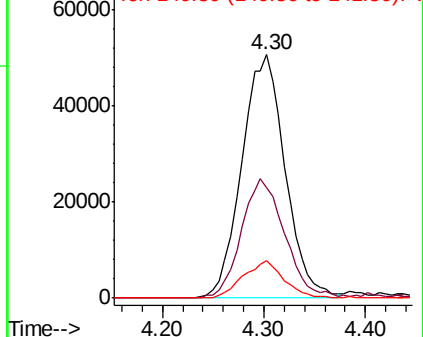
141 14.4 11.6 17.4

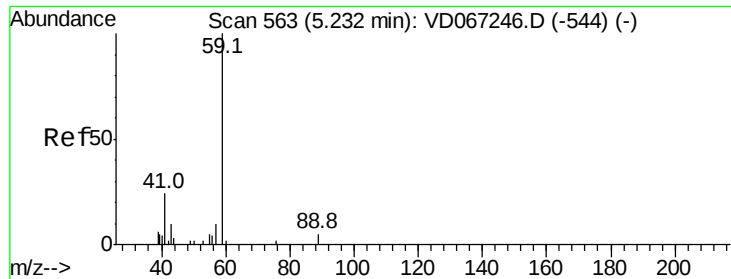


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



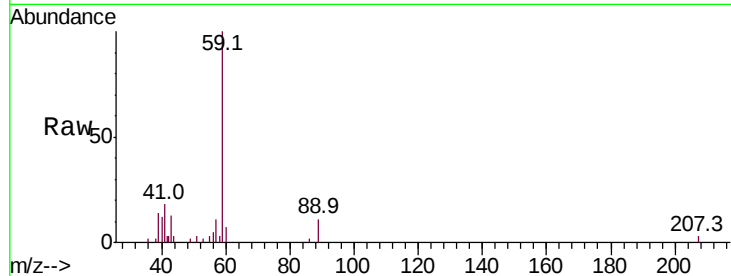


#11

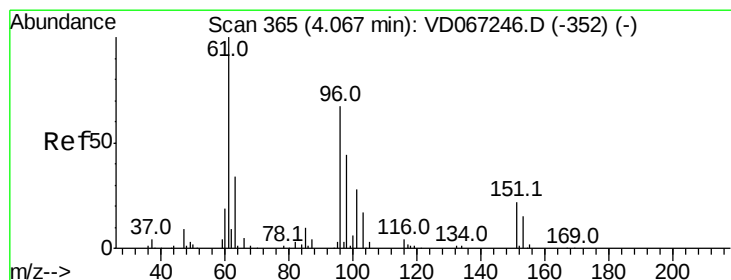
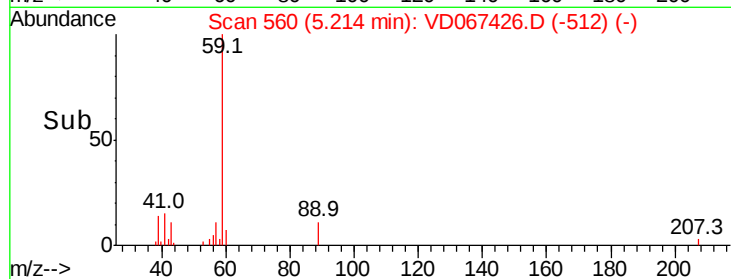
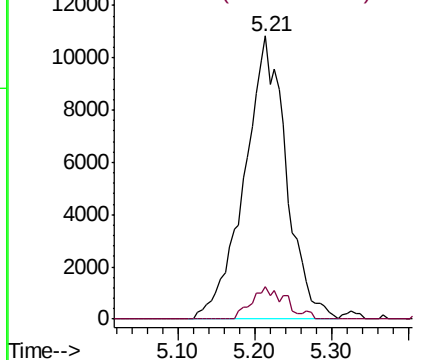
Tert butyl alcohol
Concen: 224.263 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.02 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 41115
Ion Ratio Lower Upper
59 100
57 8.8 5.1 7.7#



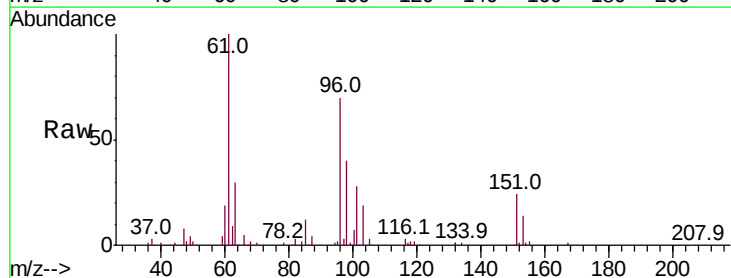
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



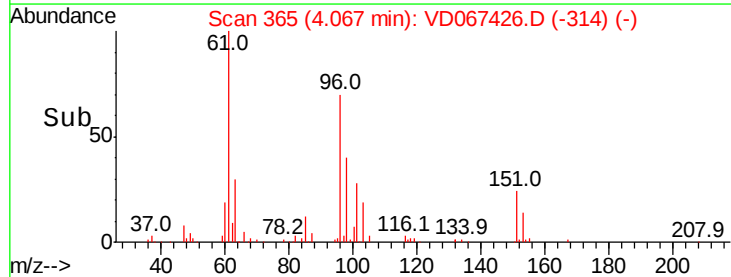
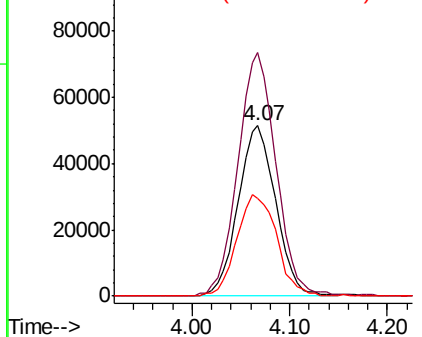
#12

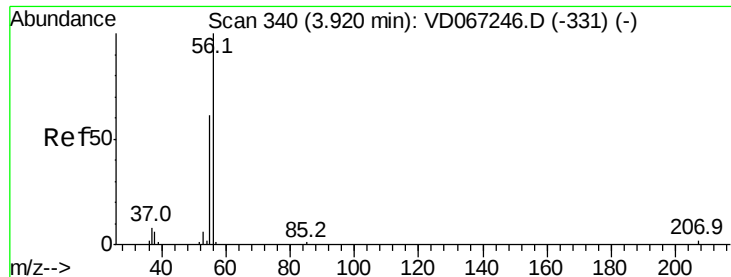
1,1-Dichloroethene
Concen: 48.596 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Tgt Ion: 96 Resp: 138273
Ion Ratio Lower Upper
96 100
61 142.7 118.6 177.8
98 57.3 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 204.948 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

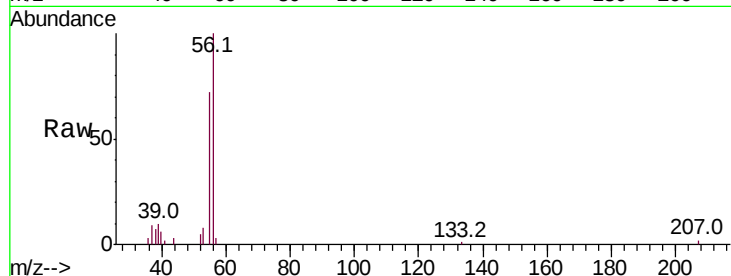
VSTDCCC050

Tot Ion: 56 Resp: 41425

Ion Ratio Lower Upper

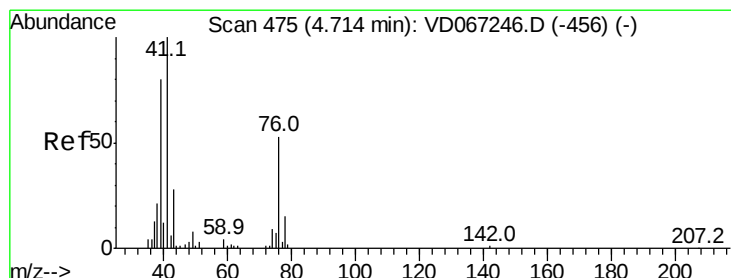
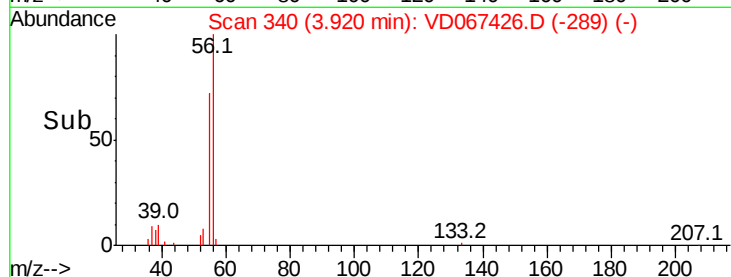
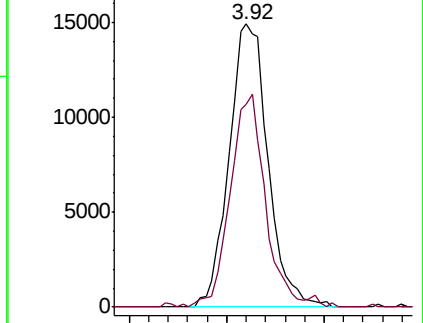
56 100

55 67.2 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 48.399 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

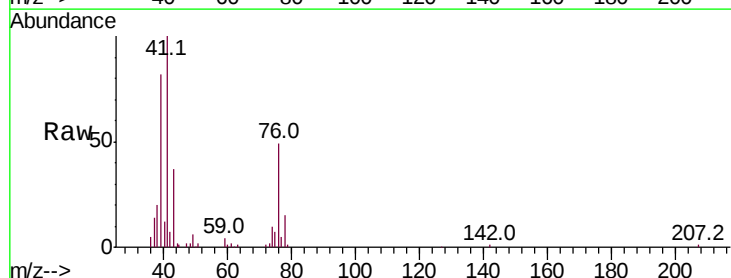
Tgt Ion: 41 Resp: 157706

Ion Ratio Lower Upper

41 100

39 79.6 63.8 95.6

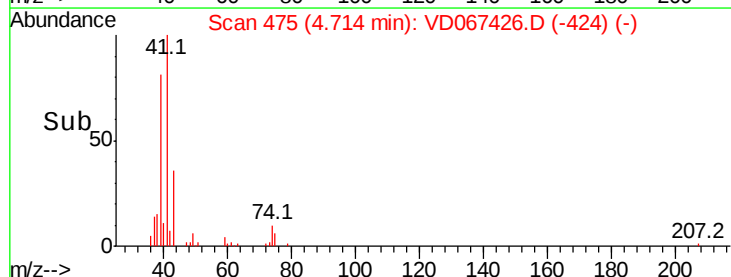
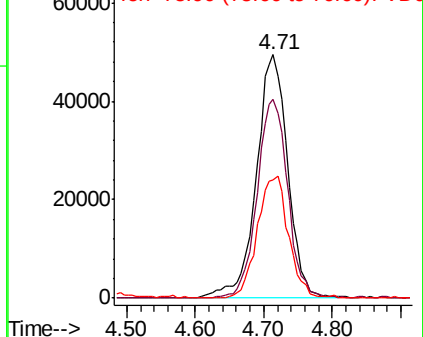
76 49.3 40.4 60.6

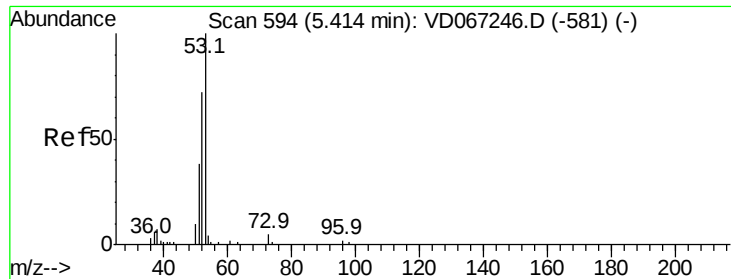


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 239.325 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

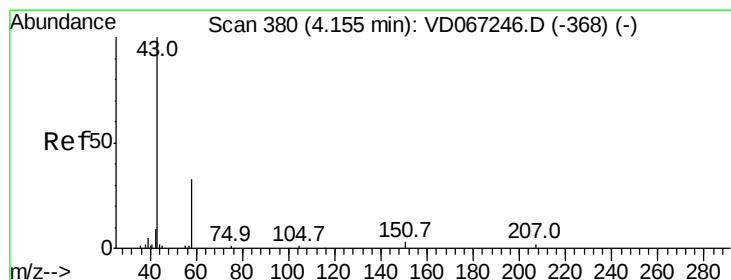
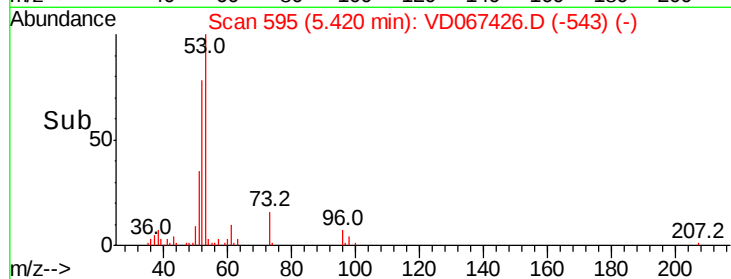
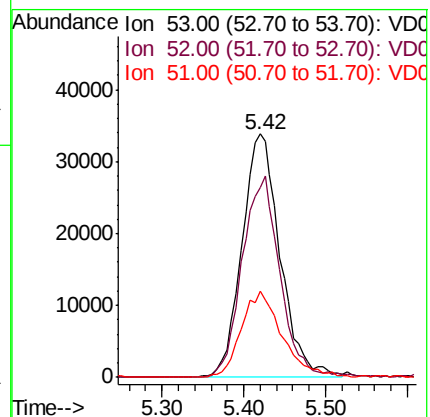
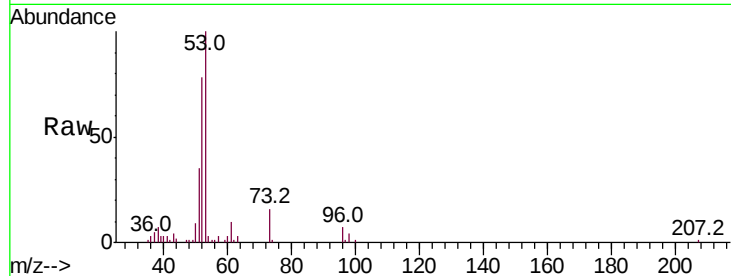
Tot Ion: 53 Resp: 109543

Ion Ratio Lower Upper

53 100

52 82.1 65.6 98.4

51 38.0 30.8 46.2



#16

Acetone

Concen: 262.043 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067426.D

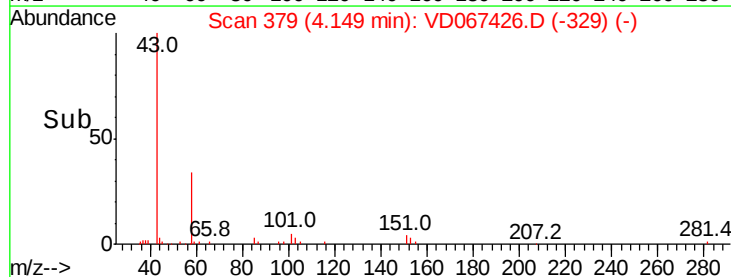
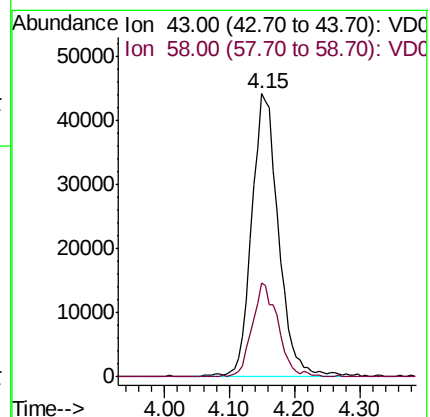
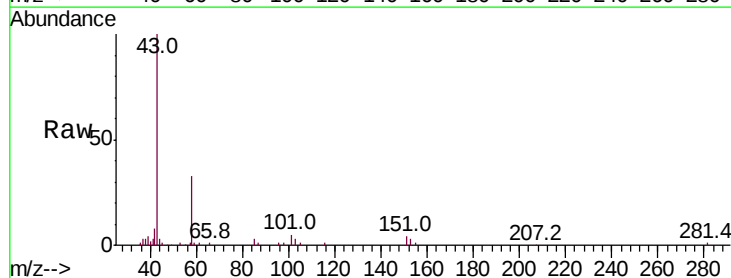
Acq: 28 Oct 2020 11:32

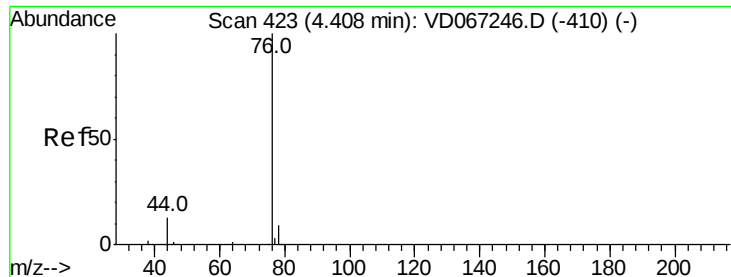
Tgt Ion: 43 Resp: 126758

Ion Ratio Lower Upper

43 100

58 33.2 26.1 39.1

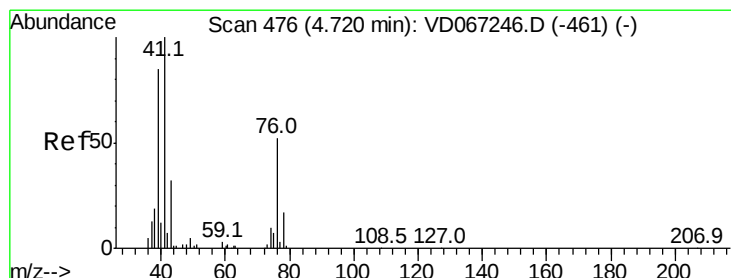
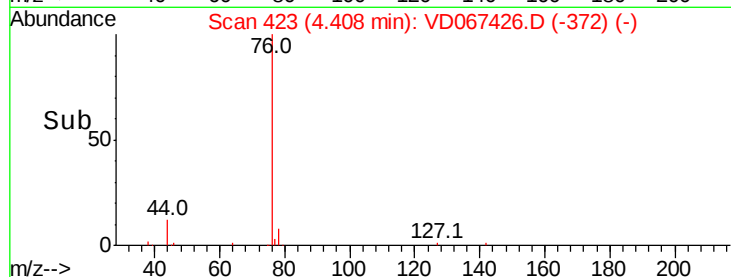
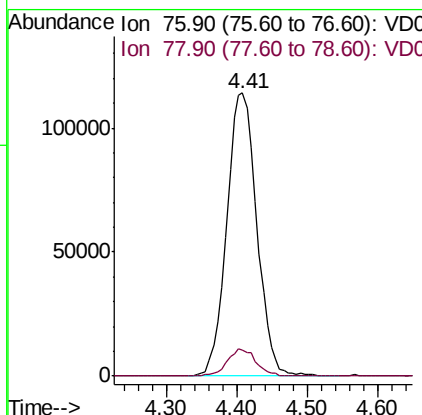
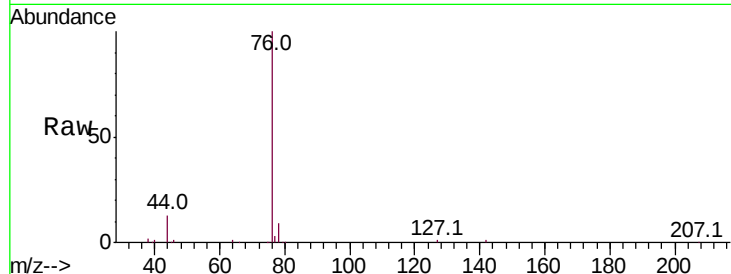




#17
Carbon Disulfide
Concen: 41.611 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

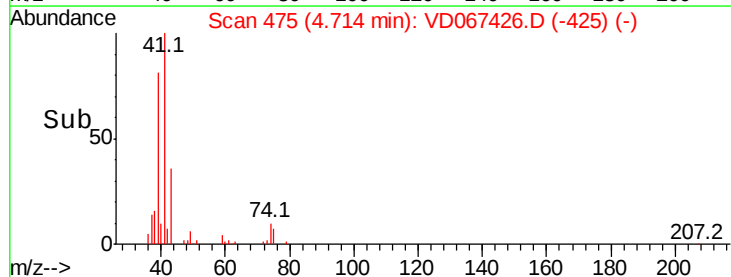
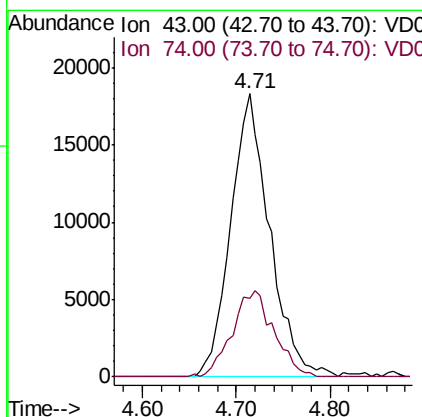
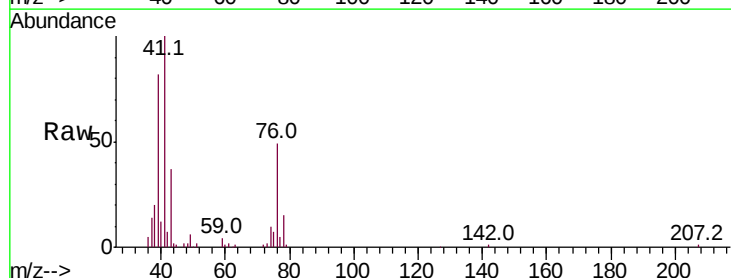
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

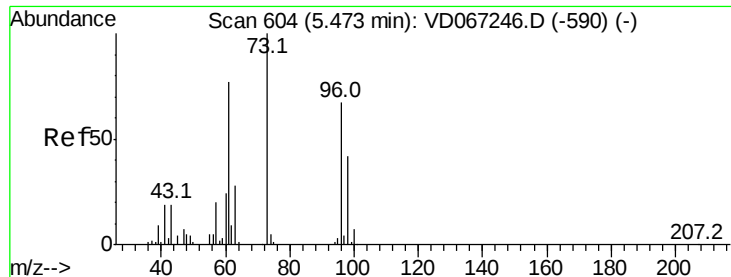
Tot Ion: 76 Resp: 337532
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 47.678 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Tgt Ion: 43 Resp: 52604
Ion Ratio Lower Upper
43 100
74 32.6 26.6 39.8





#19

Methyl tert-butyl Ether

Concen: 48.154 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

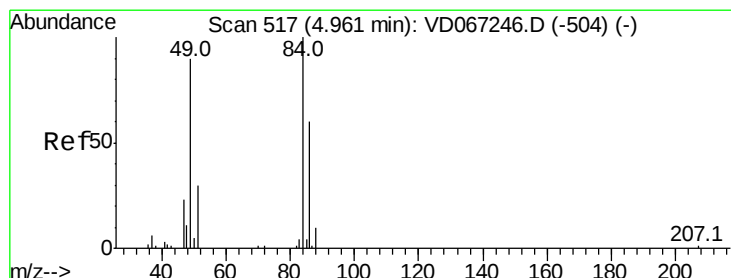
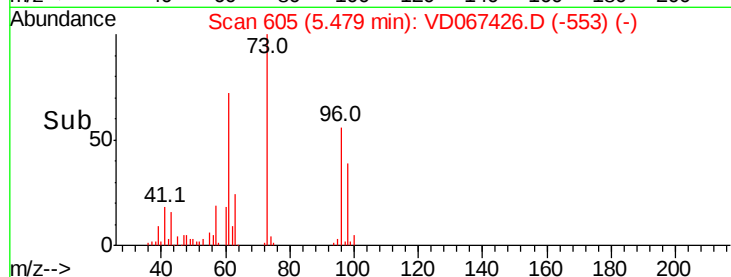
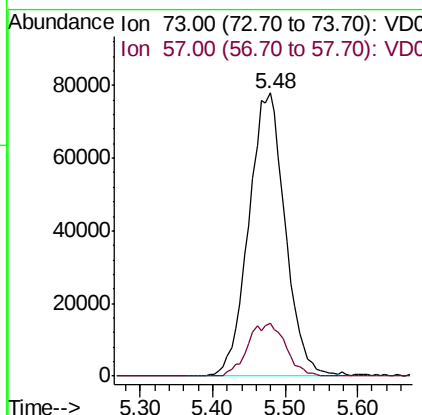
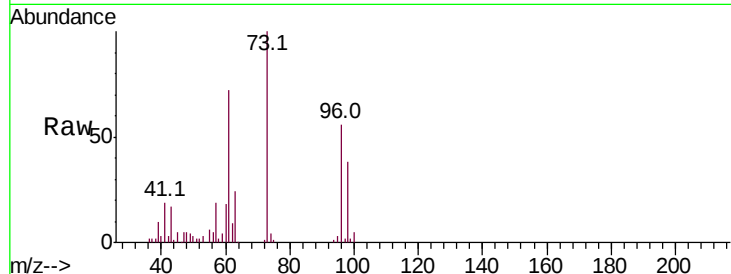
Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 272441

Ion	Ratio	Lower	Upper
73	100		
57	18.7	15.7	23.5



#20

Methylene Chloride

Concen: 48.673 ug/l

RT: 4.96 min Scan# 517

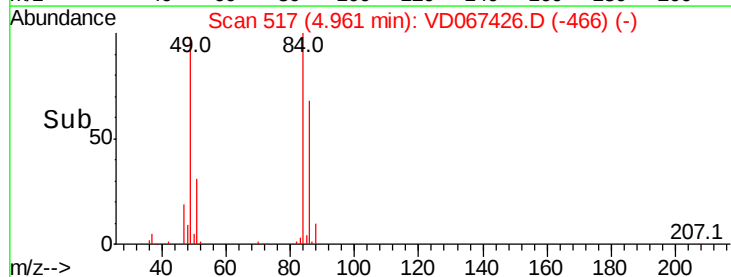
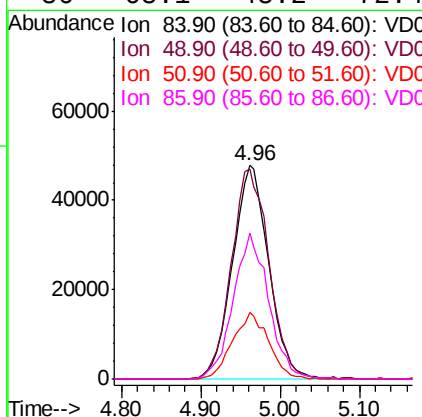
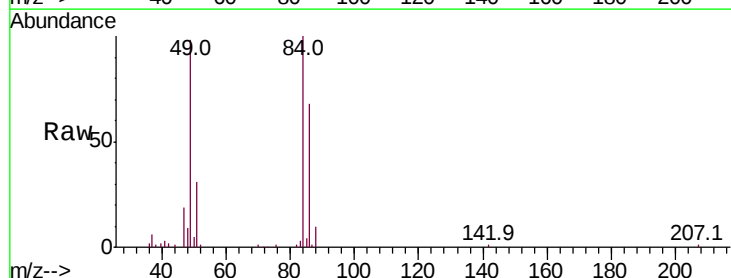
Delta R.T. 0.00 min

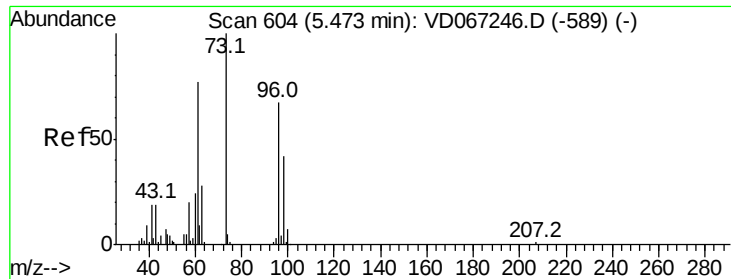
Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Tgt Ion: 84 Resp: 151184

Ion	Ratio	Lower	Upper
84	100		
49	98.3	72.2	108.2
51	31.0	23.8	35.8
86	68.1	48.2	72.4





#21

trans-1,2-Dichloroethene

Concen: 48.585 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

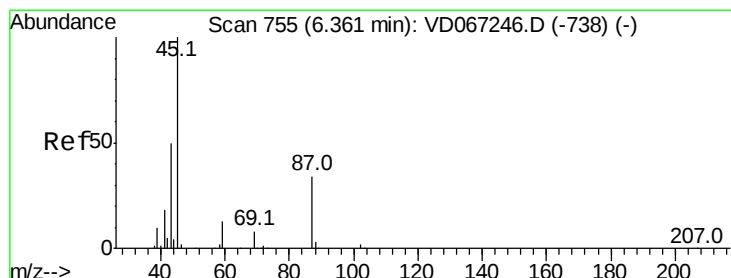
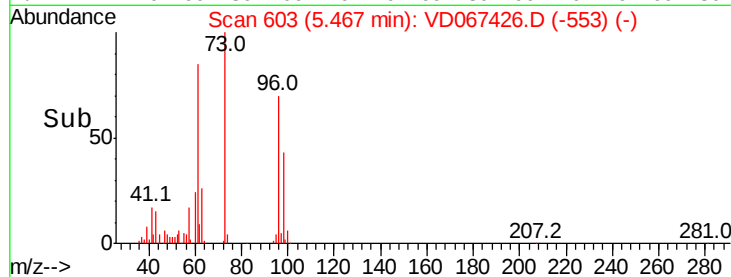
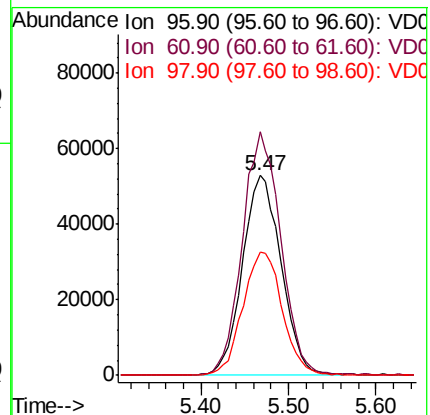
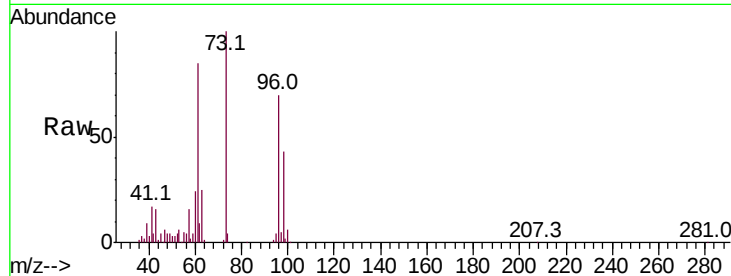
Tot Ion: 96 Resp: 159085

Ion Ratio Lower Upper

96 100

61 121.8 92.0 138.0

98 61.6 49.8 74.8



#22

Diisopropyl ether

Concen: 50.200 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Tgt Ion: 45 Resp: 298816

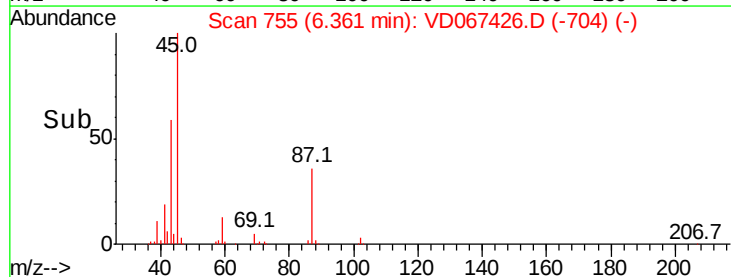
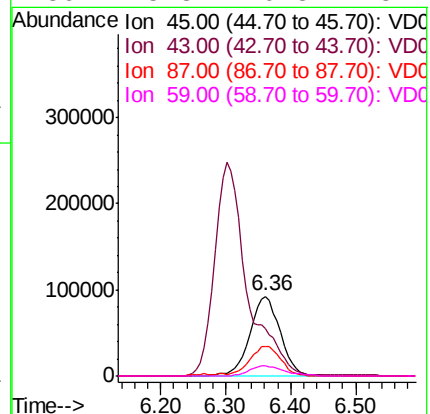
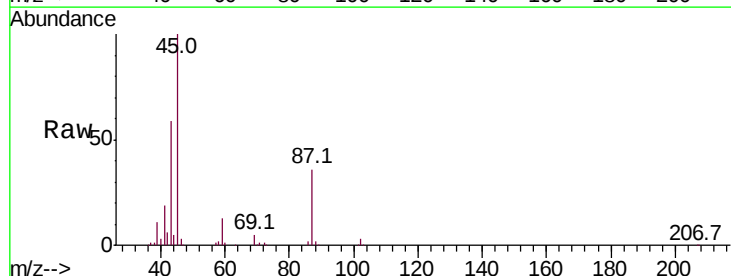
Ion Ratio Lower Upper

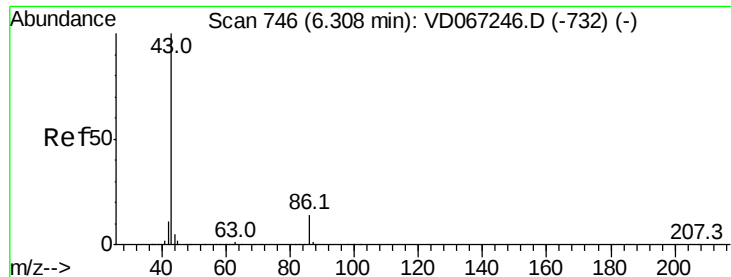
45 100

43 57.5 48.0 72.0

87 36.4 28.5 42.7

59 13.3 10.5 15.7





#23

Vinyl Acetate

Concen: 255.041 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

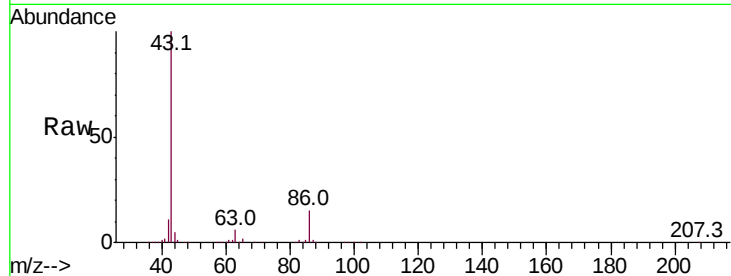
VSTDCCC050

Tot Ion: 43 Resp: 863691

Ion Ratio Lower Upper

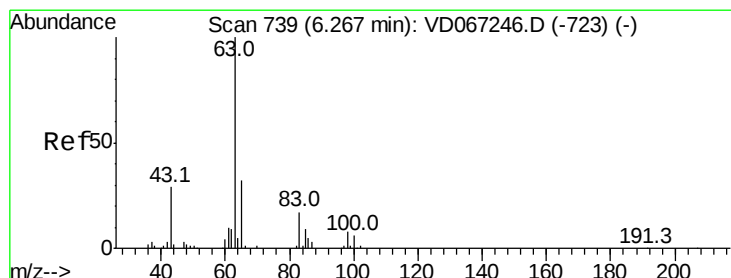
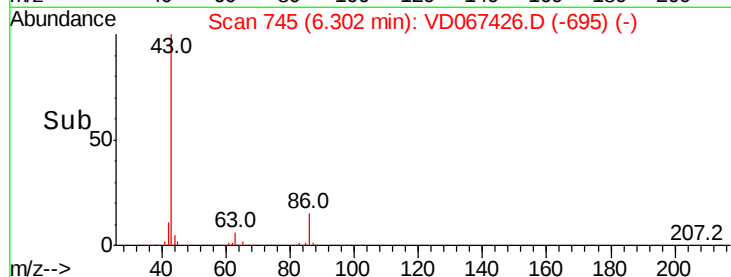
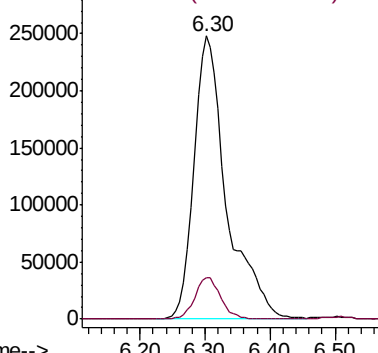
43 100

86 14.5 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 48.784 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

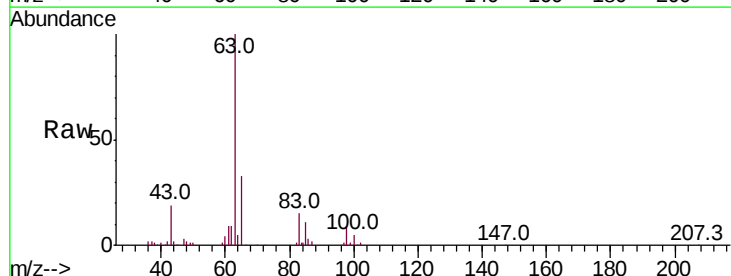
Tgt Ion: 63 Resp: 248571

Ion Ratio Lower Upper

63 100

98 9.2 4.0 12.2

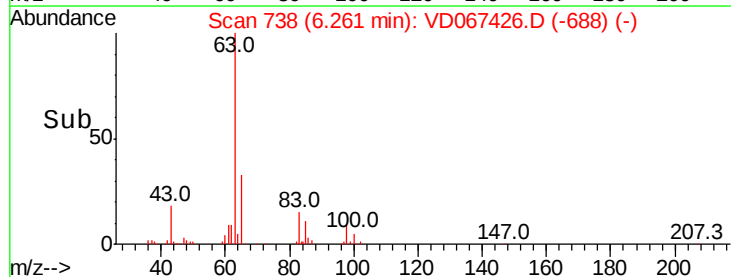
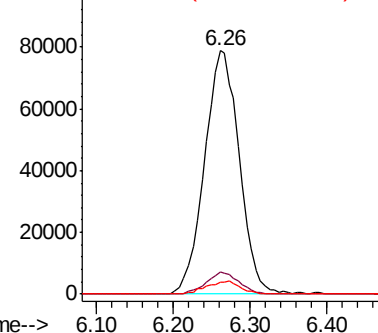
100 4.9 2.8 8.4

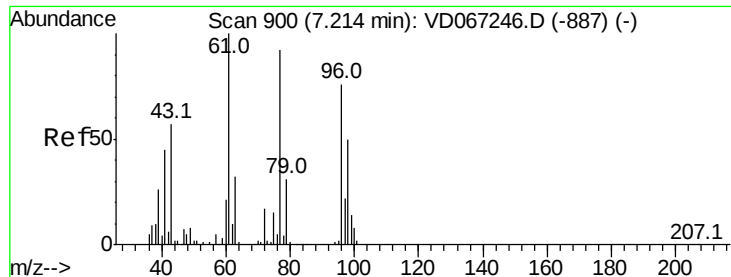


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 239.759 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

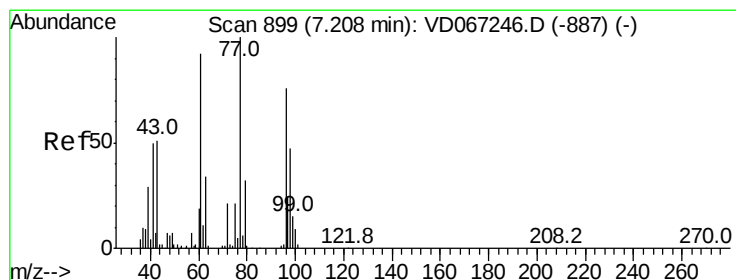
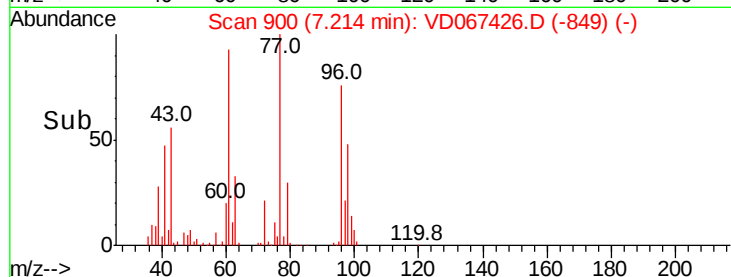
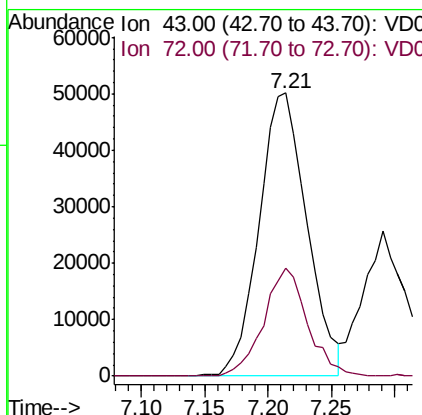
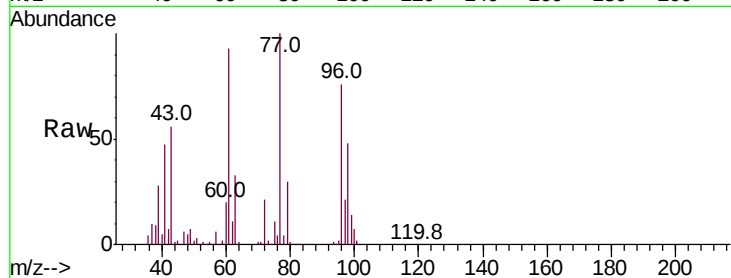
VSTDCCC050

Tot Ion: 43 Resp: 132204

Ion Ratio Lower Upper

43 100

72 38.3 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 51.226 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067426.D

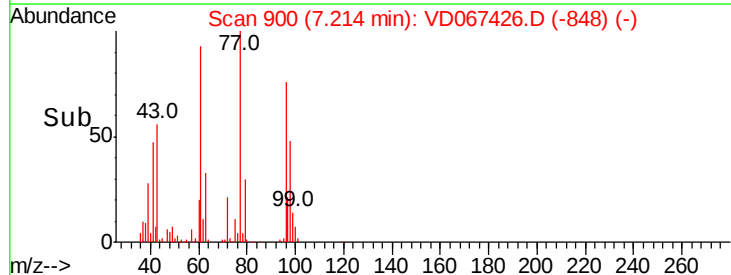
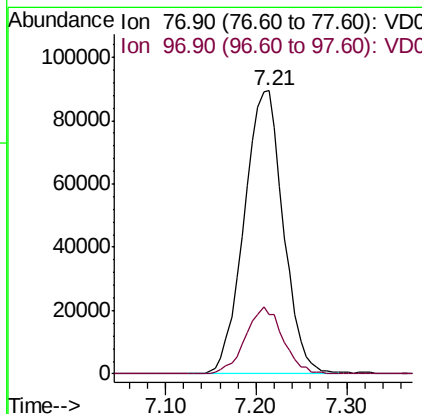
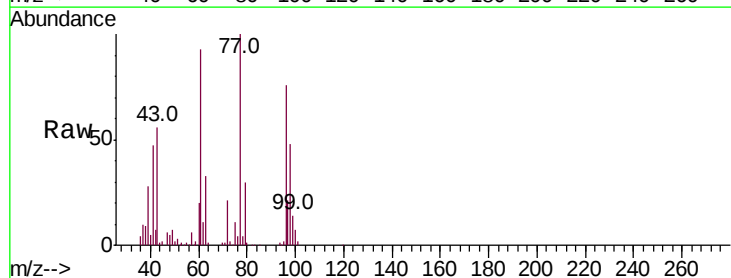
Acq: 28 Oct 2020 11:32

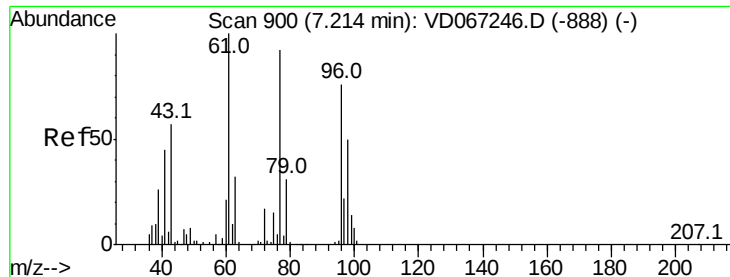
Tgt Ion: 77 Resp: 269035

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.2



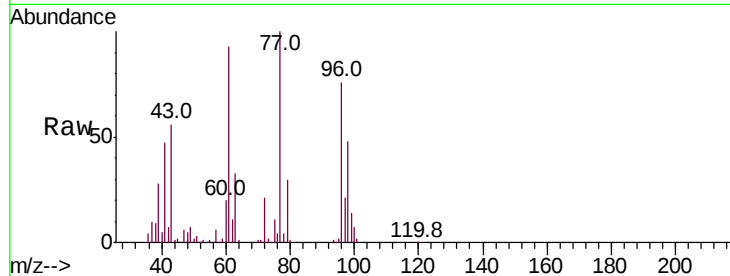


#27

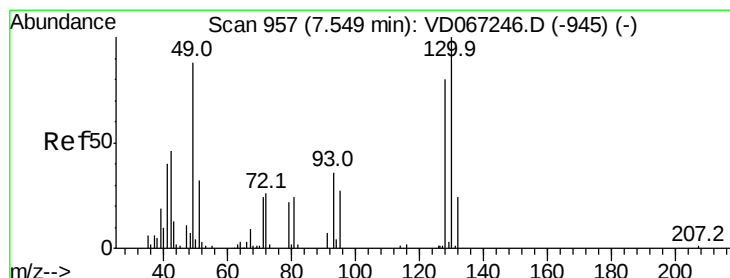
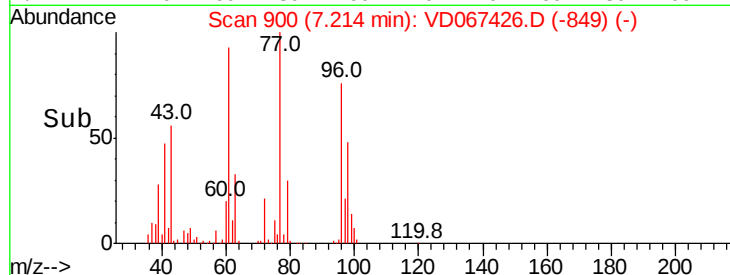
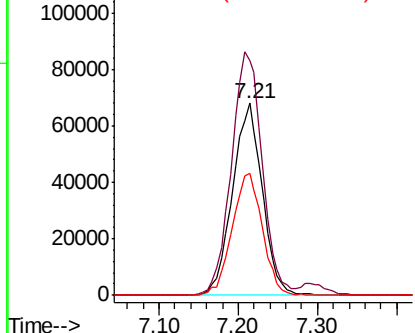
cis-1,2-Dichloroethene
Concen: 49.357 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 177124
Ion Ratio Lower Upper
96 100
61 131.0 0.0 255.4
98 64.3 0.0 128.0



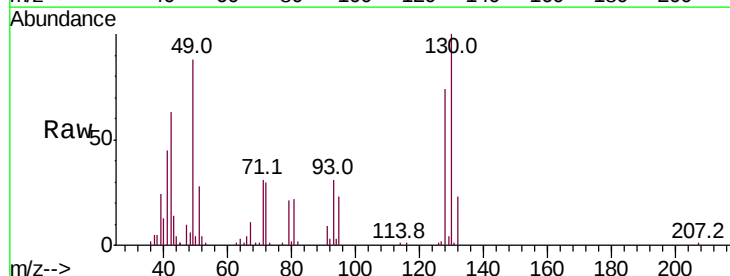
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



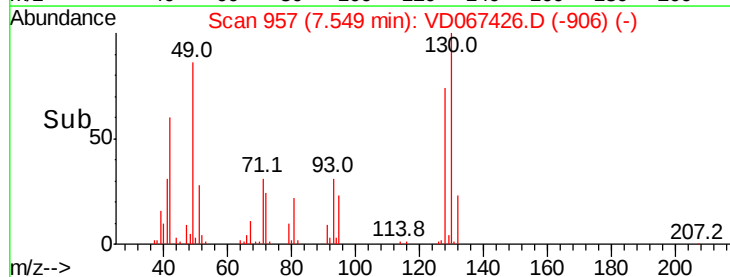
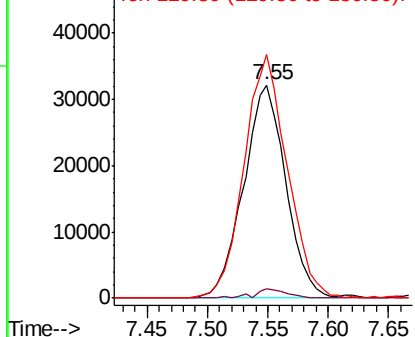
#28

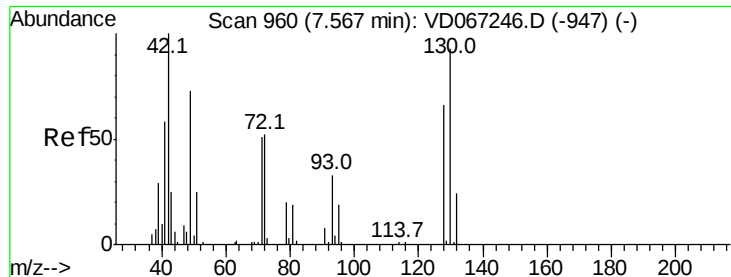
Bromochloromethane
Concen: 44.938 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Tgt Ion: 49 Resp: 78100
Ion Ratio Lower Upper
49 100
129 3.1 0.0 1.6#
130 116.6 91.0 136.6



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

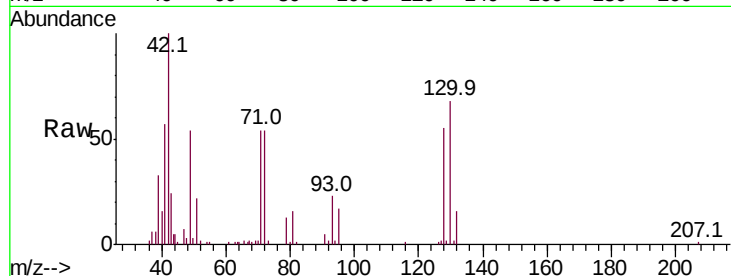




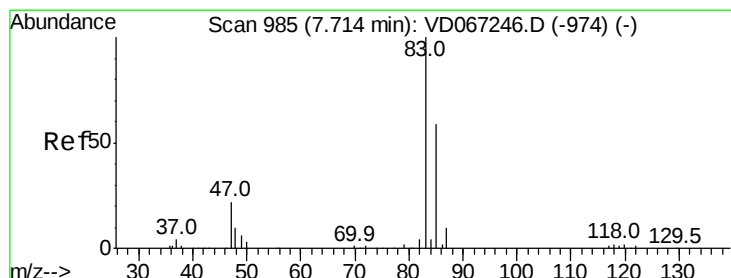
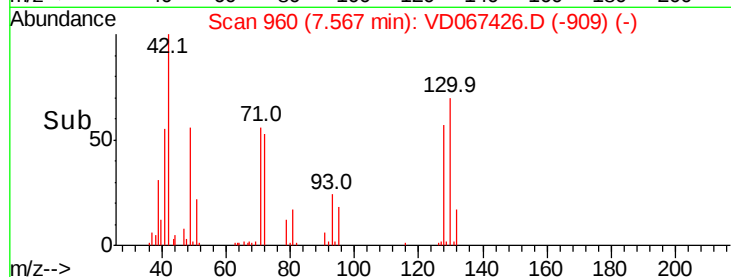
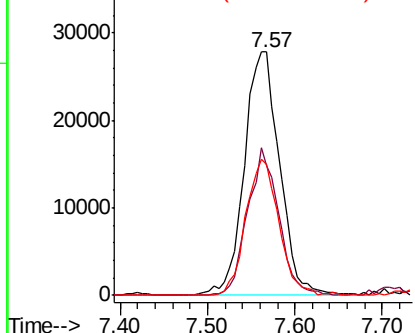
#29
Tetrahydrofuran
Concen: 248.641 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 76212
Ion Ratio Lower Upper
42 100
72 53.5 43.2 64.8
71 52.5 39.4 59.0

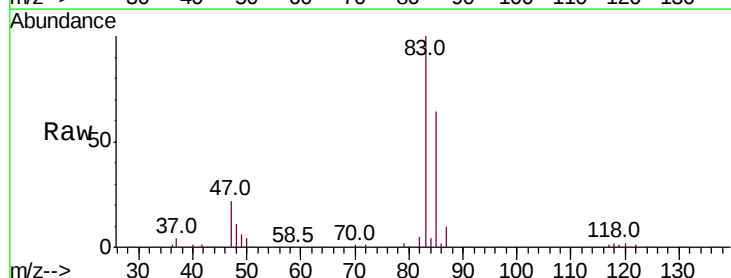


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

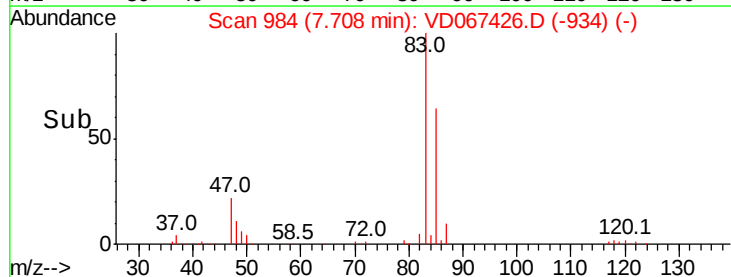
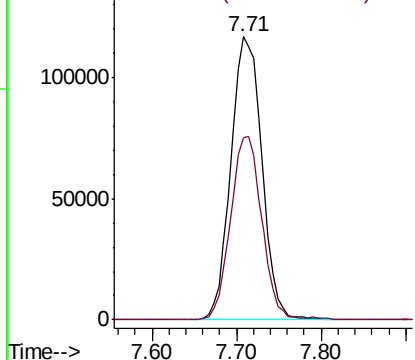


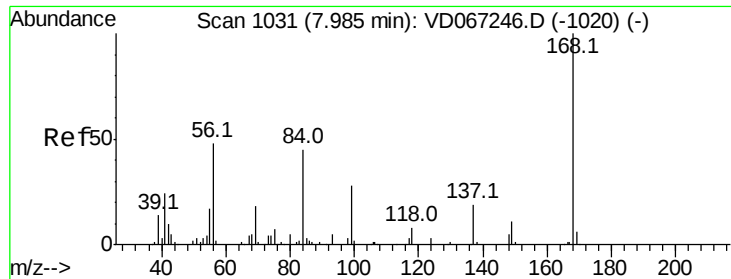
#30
Chloroform
Concen: 48.746 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Tgt Ion: 83 Resp: 296714
Ion Ratio Lower Upper
83 100
85 64.3 47.3 70.9



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

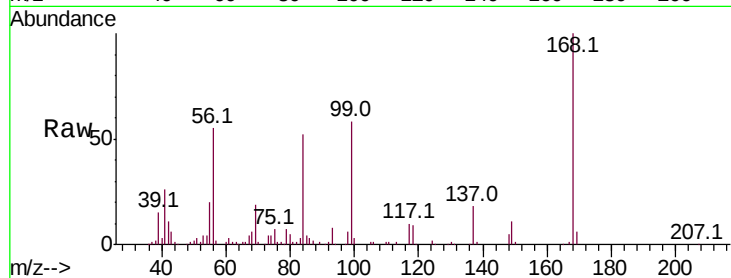




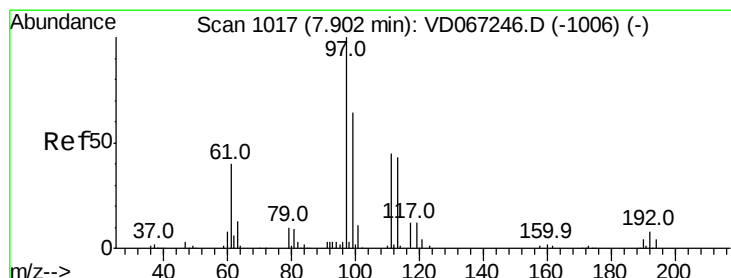
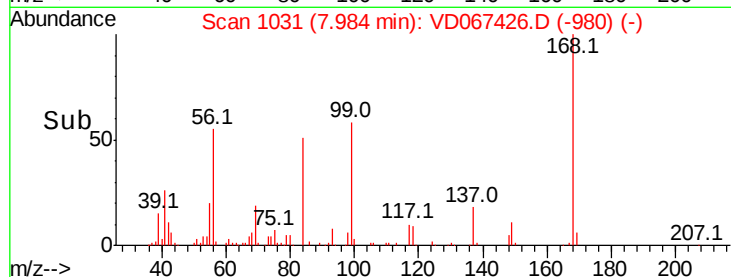
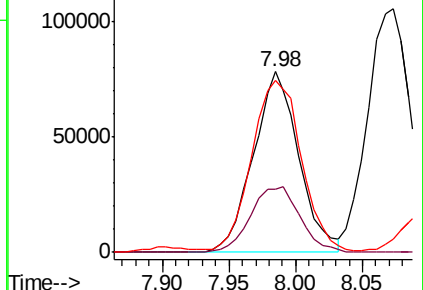
#31
Cyclohexane
Concen: 46.589 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 185343
Ion Ratio Lower Upper
56 100
69 35.3 29.8 44.6
84 93.4 76.6 114.8

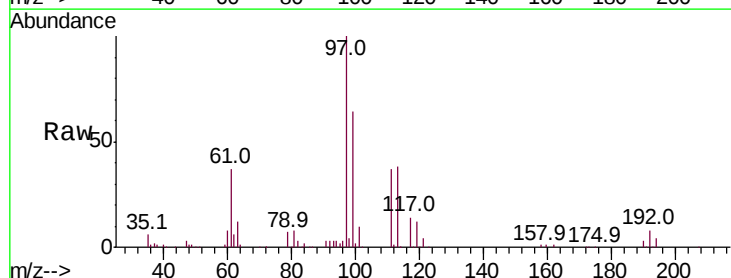


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

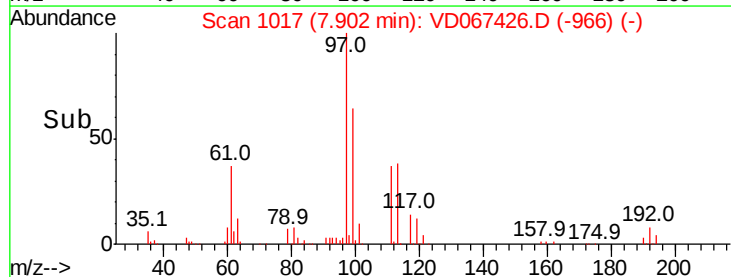
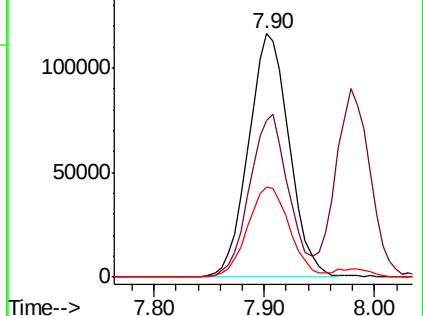


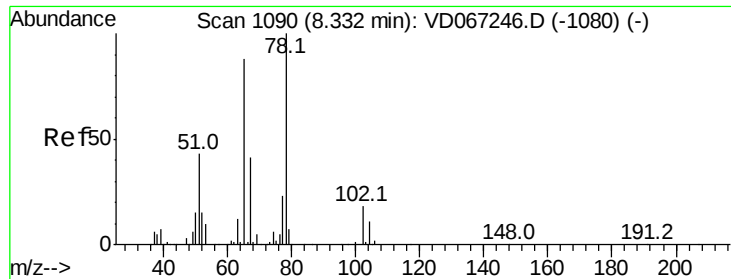
#32
1,1,1-Trichloroethane
Concen: 50.509 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Tgt Ion: 97 Resp: 301653
Ion Ratio Lower Upper
97 100
99 63.9 50.2 75.4
61 38.1 30.5 45.7



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





#33

1,2-Dichloroethane-d4

Concen: 44.297 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

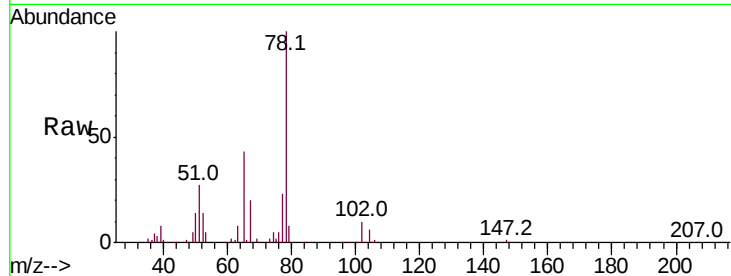
VSTDCCC050

Tot Ion: 65 Resp: 153001

Ion Ratio Lower Upper

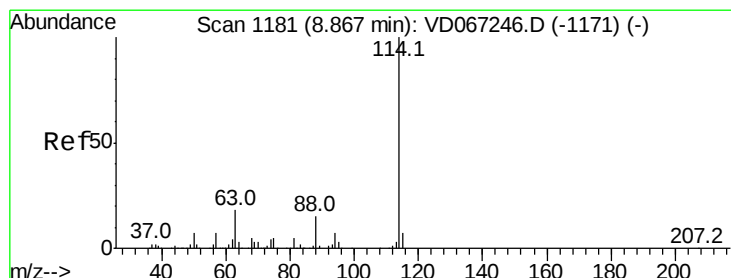
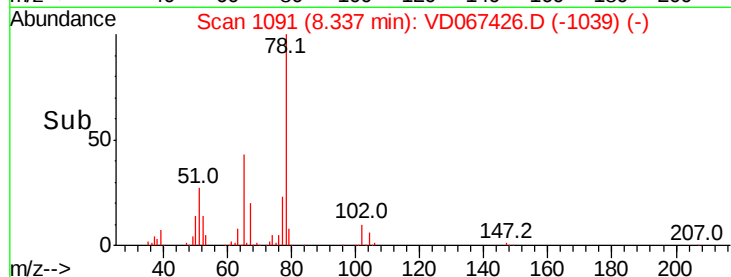
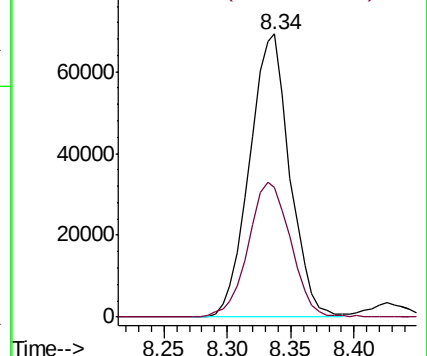
65 100

67 49.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

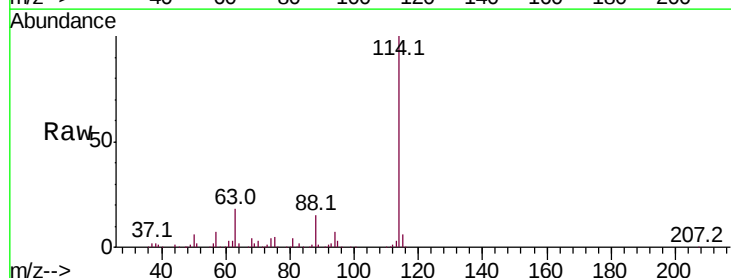
Tgt Ion: 114 Resp: 507935

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

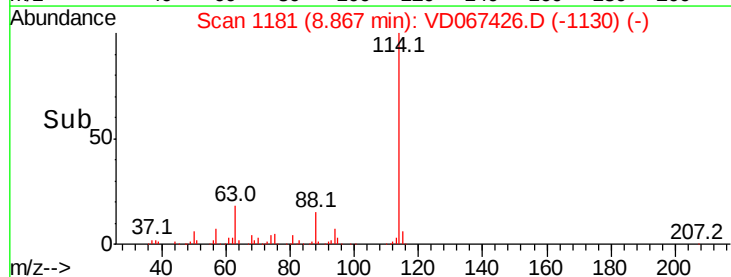
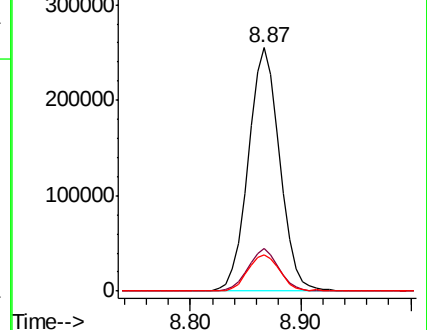
88 15.0 0.0 30.6

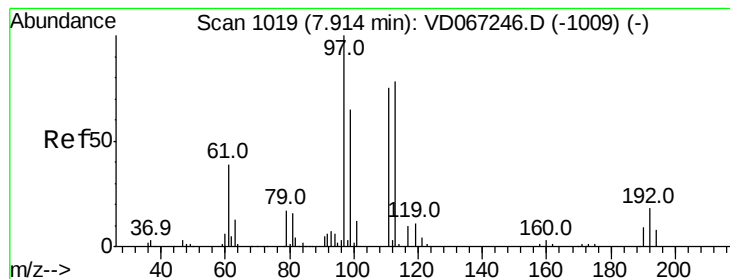


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 48.315 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

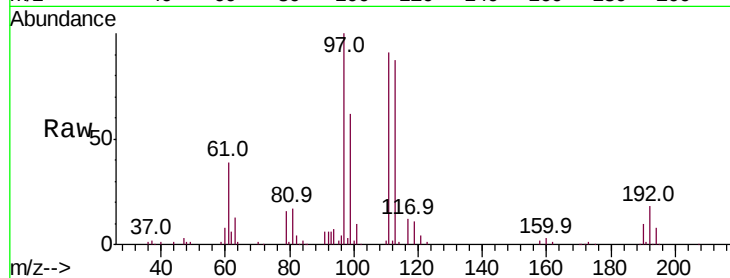
MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:113 Resp: 163321

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	20.6	17.0	25.4

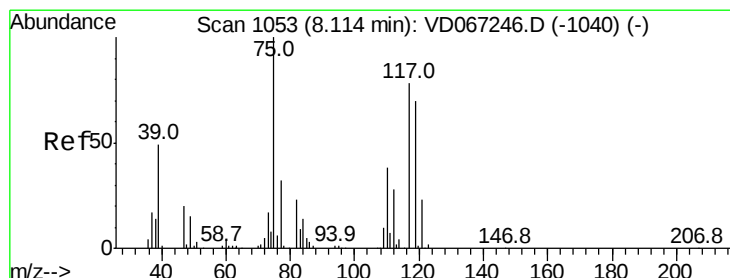
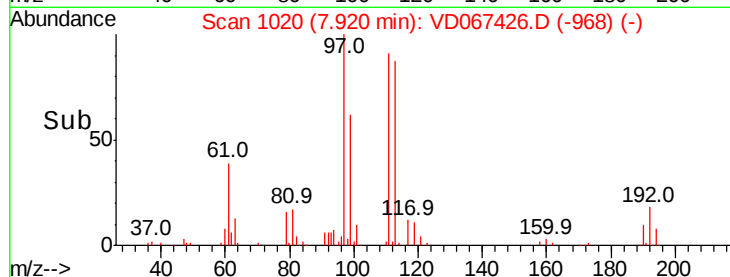
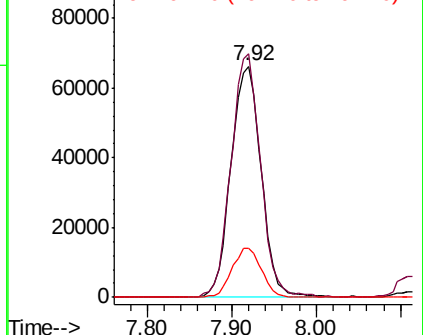


Abundance

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: 50.262 ug/l

RT: 8.11 min Scan# 1053

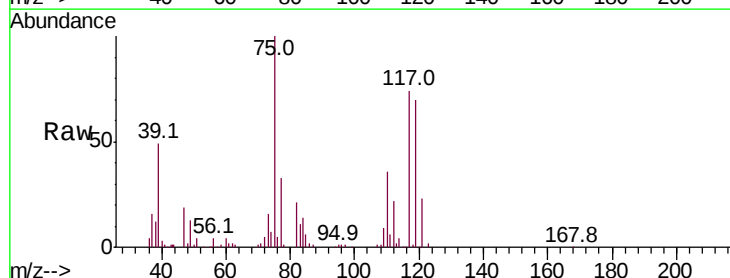
Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Tgt Ion: 75 Resp: 216381

Ion	Ratio	Lower	Upper
75	100		
110	38.8	19.6	58.7
77	32.0	24.6	37.0

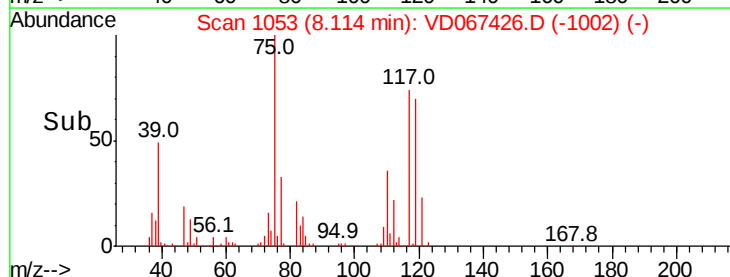
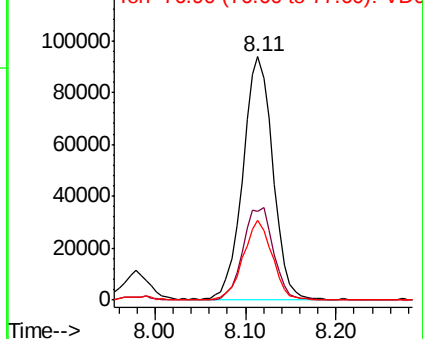


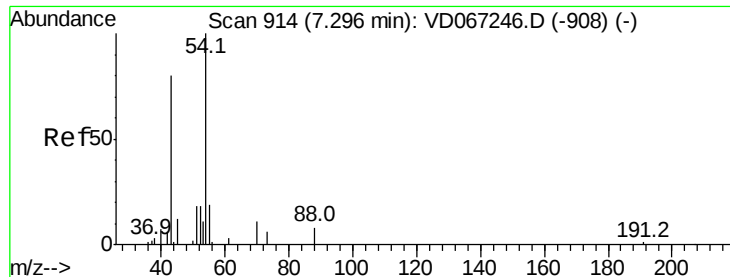
Abundance

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

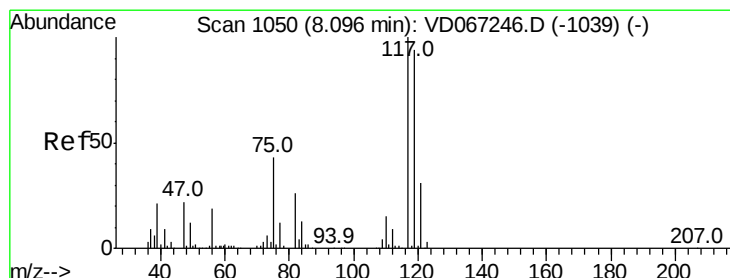
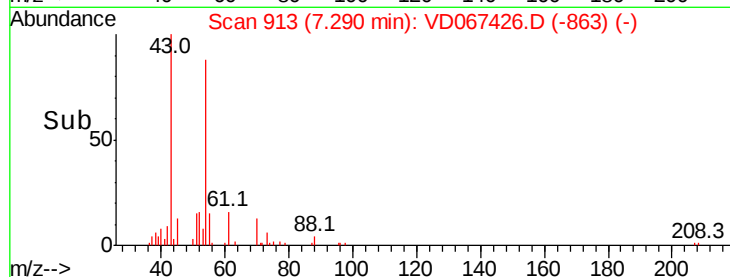
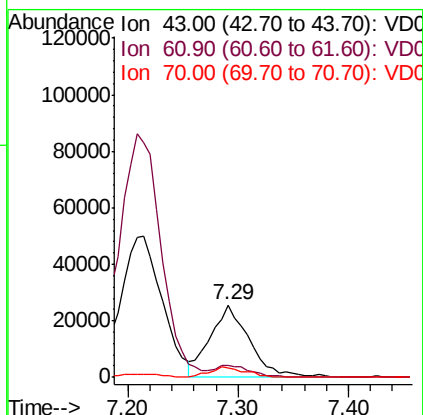
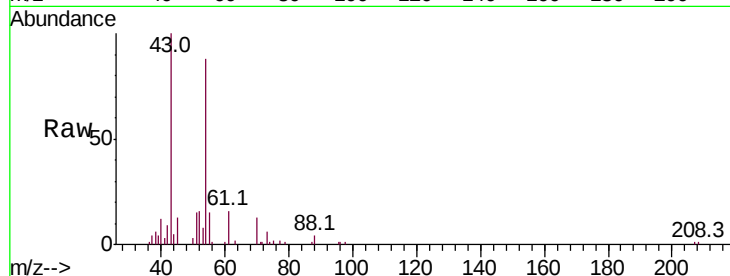




#37
Ethyl Acetate
Concen: 49.809 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

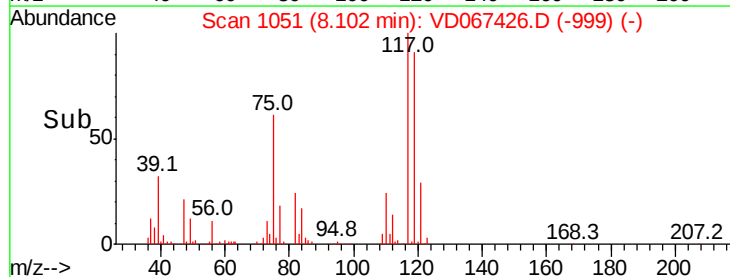
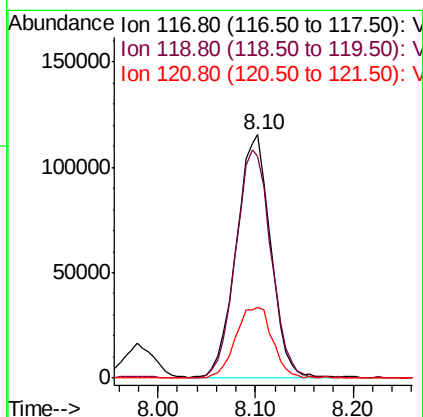
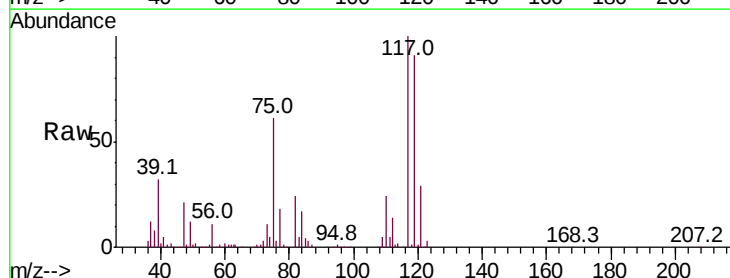
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

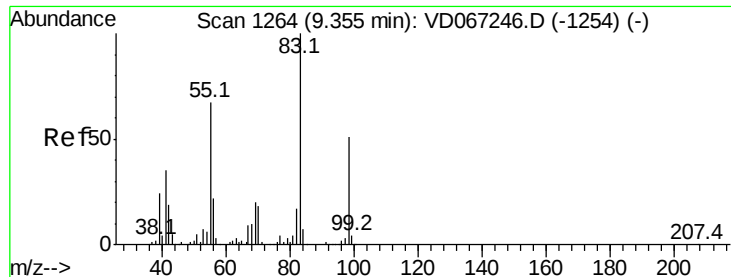
Tot Ion: 43 Resp: 63090
Ion Ratio Lower Upper
43 100
61 15.3 15.6 23.4#
70 13.5 10.4 15.6



#38
Carbon Tetrachloride
Concen: 51.089 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Tgt Ion: 117 Resp: 281107
Ion Ratio Lower Upper
117 100
119 91.3 75.0 112.4
121 28.9 24.9 37.3

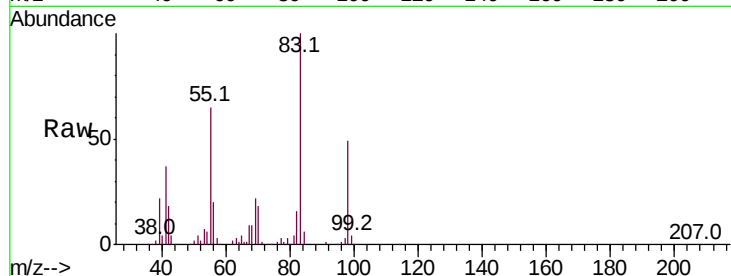




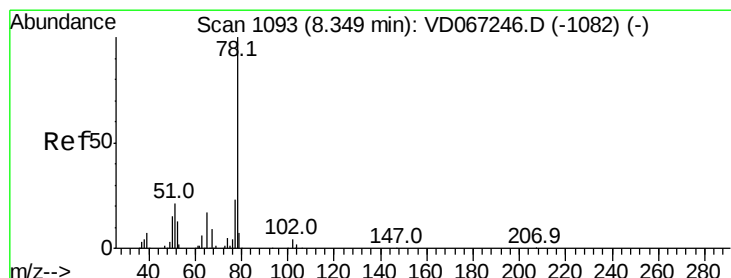
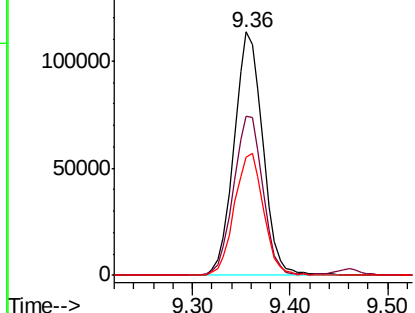
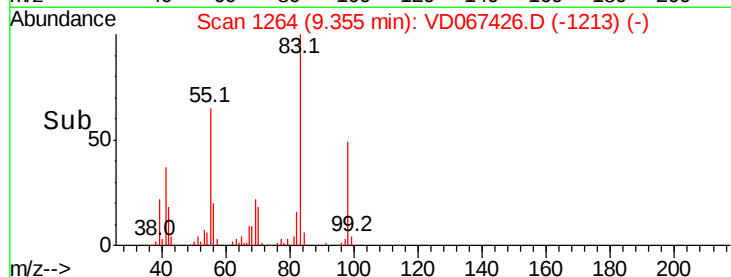
#39
Methvlcvclohexane
Concen: 51.476 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	231675
Ion Ratio	Lower	Upper	
83	100		
55	65.3	53.3	79.9
98	48.8	41.0	61.4

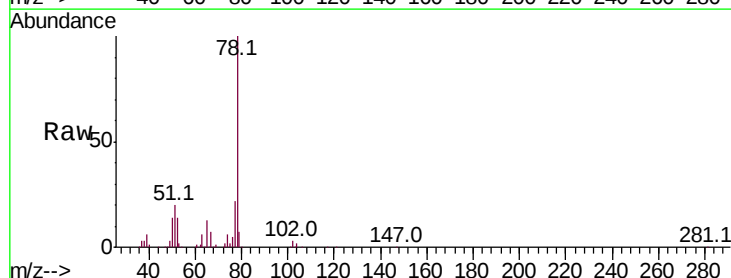


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

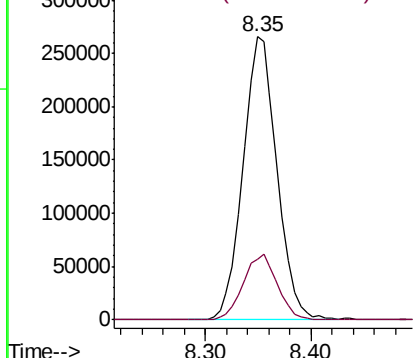
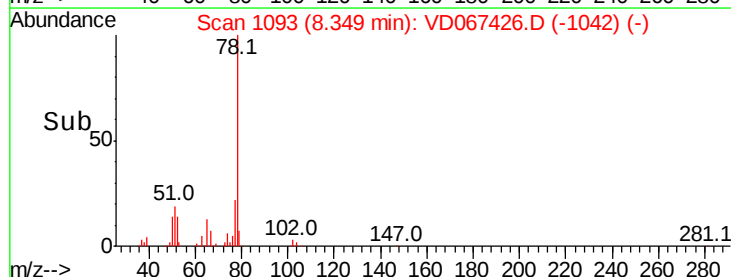


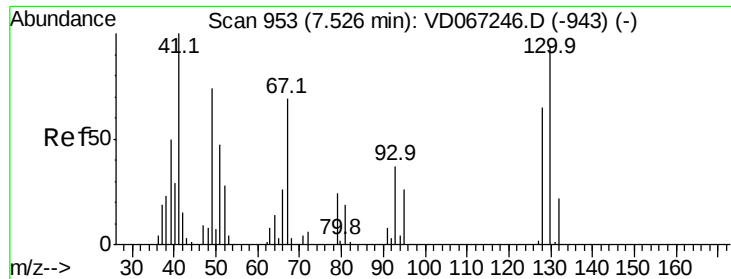
#40
Benzene
Concen: 50.169 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Tgt Ion	78	Resp	592522
Ion Ratio	Lower	Upper	
78	100		
77	21.6	18.3	27.5



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

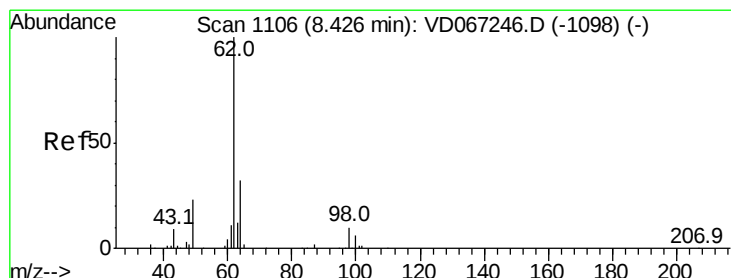
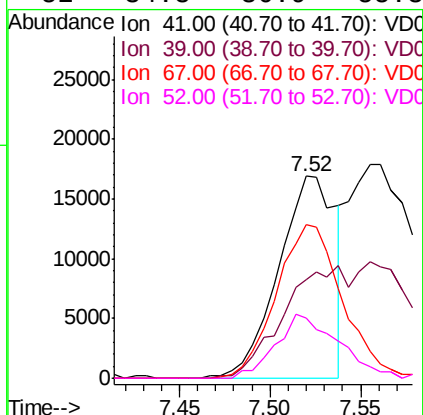
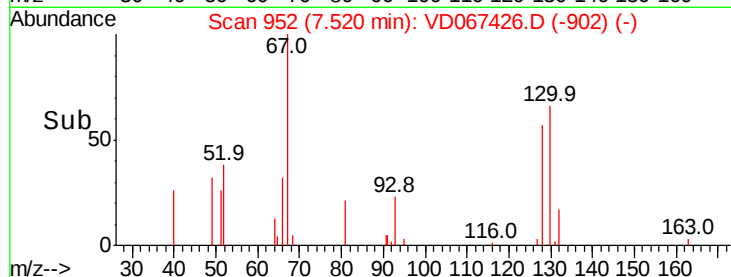
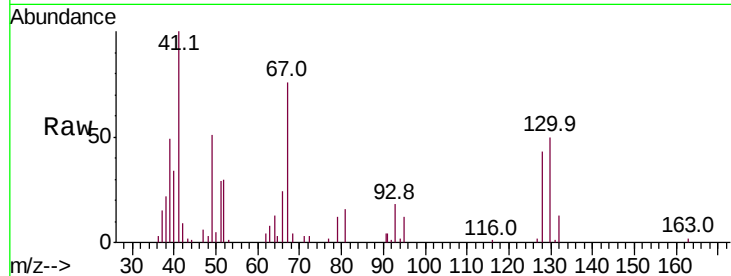




#41
Methacrylonitrile
Concen: 54.625 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

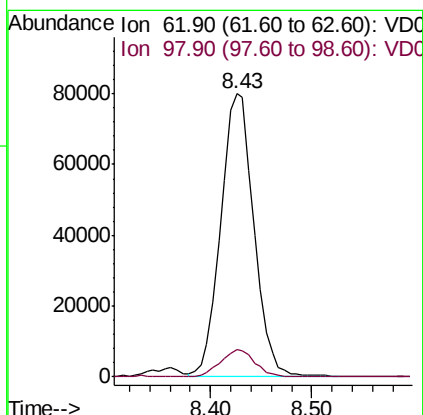
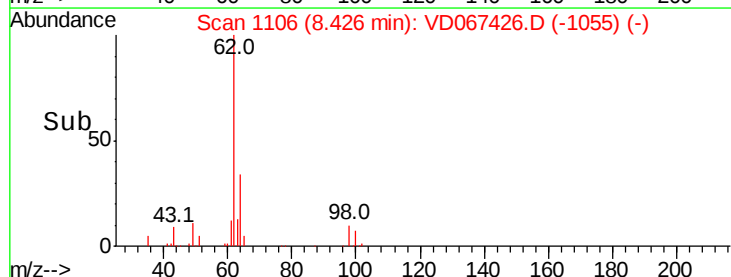
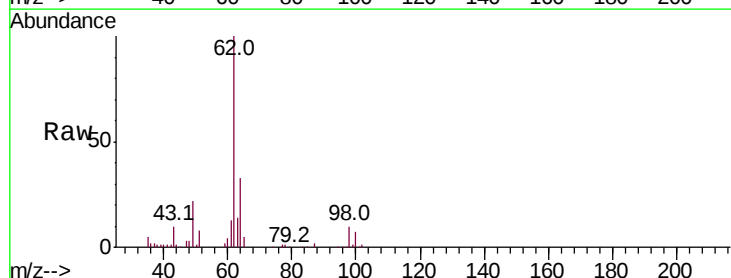
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

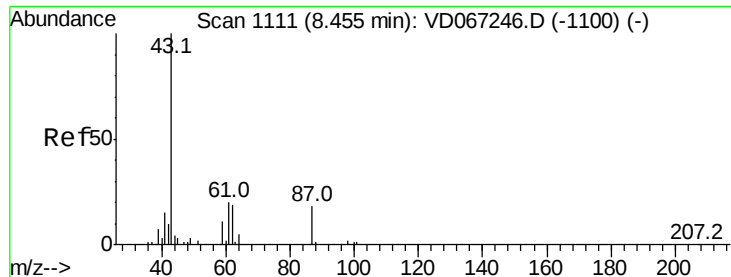
Tot Ion: 41 Resp: 37389
Ion Ratio Lower Upper
41 100
39 0.0 60.0 90.0#
67 87.7 88.9 133.3#
52 34.8 36.9 55.3#



#42
1,2-Dichloroethane
Concen: 48.875 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Tgt Ion: 62 Resp: 180646
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.4





#43

Isopropyl Acetate

Concen: 48.503 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

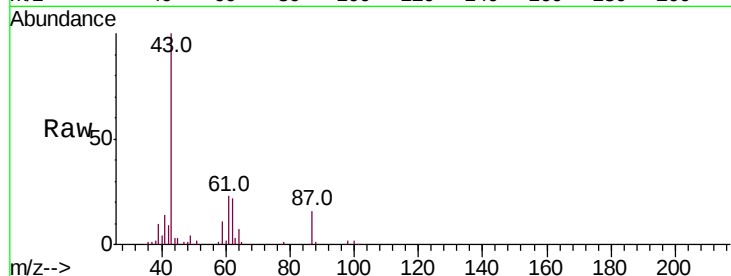
Tot Ion: 43 Resp: 121904

Ion Ratio Lower Upper

43 100

61 38.2 29.5 44.3

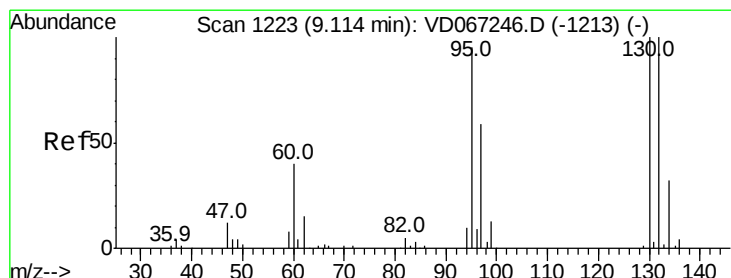
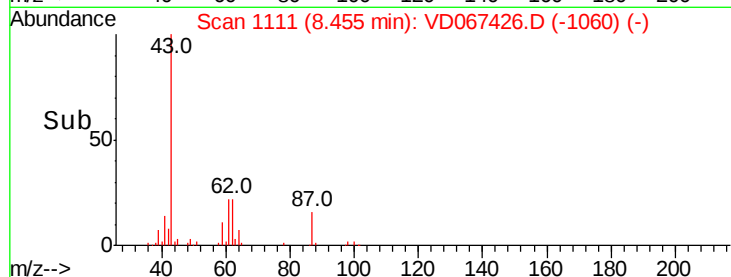
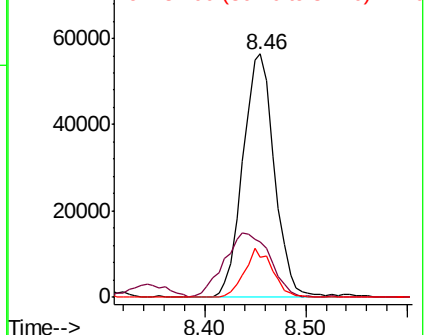
87 18.0 14.2 21.4



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: 50.830 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD067426.D

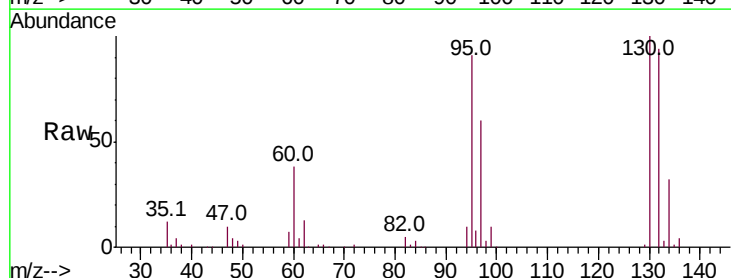
Acq: 28 Oct 2020 11:32

Tgt Ion:130 Resp: 192209

Ion Ratio Lower Upper

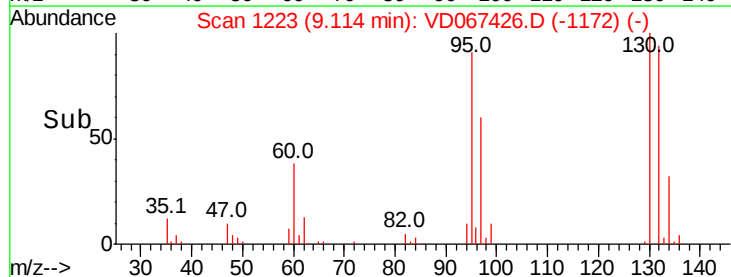
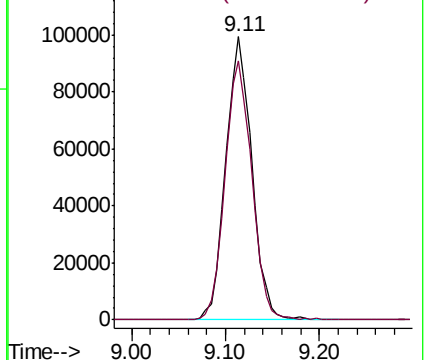
130 100

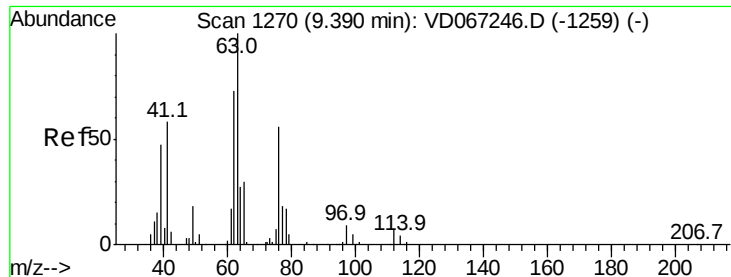
95 91.5 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.113 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

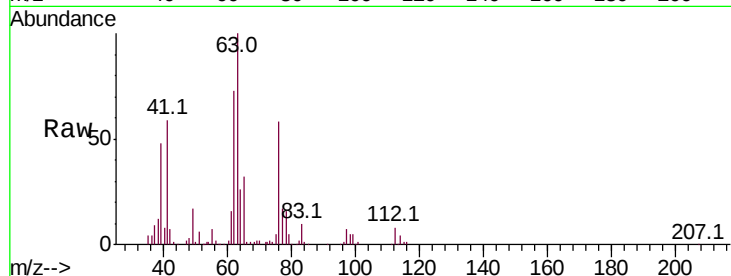
VSTDCCC050

Tot Ion: 63 Resp: 137168

Ion Ratio Lower Upper

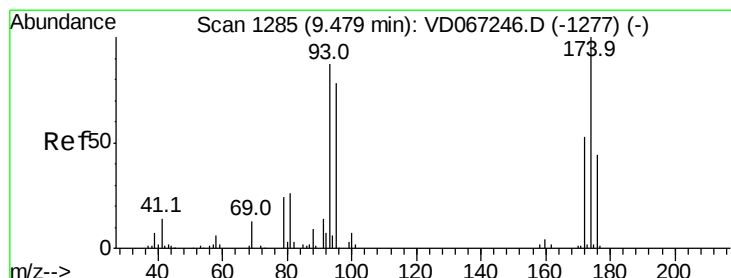
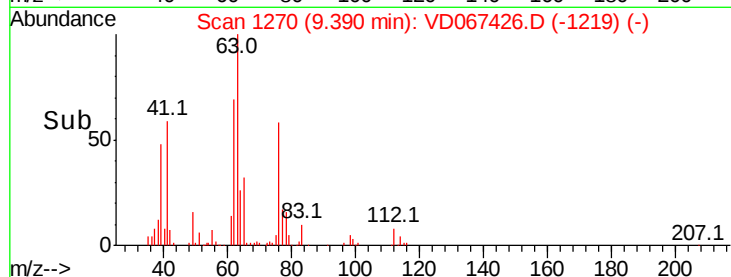
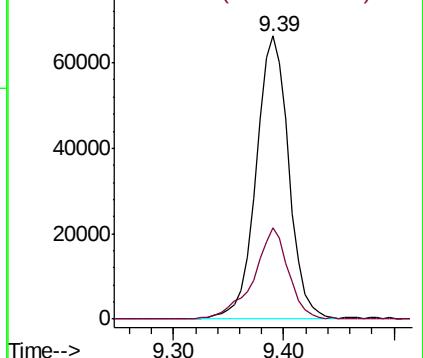
63 100

65 32.3 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: 47.420 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

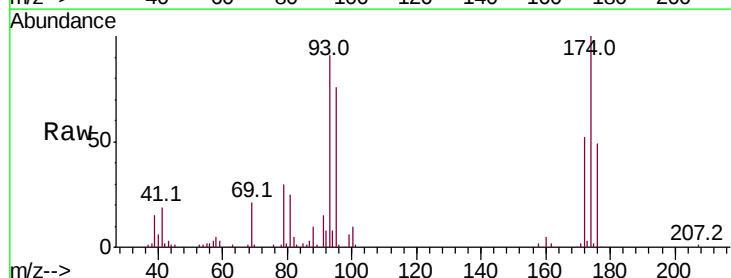
Tgt Ion: 93 Resp: 80871

Ion Ratio Lower Upper

93 100

95 85.8 68.0 102.0

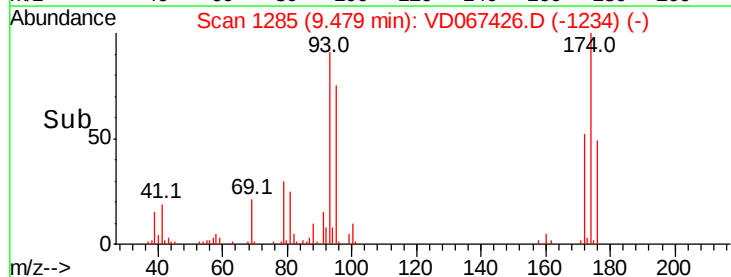
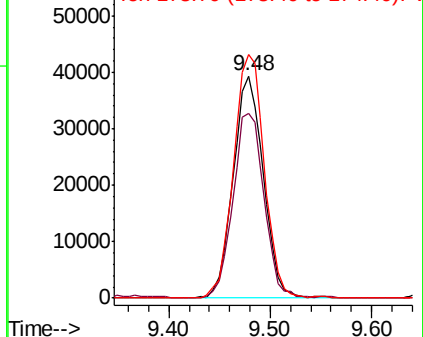
174 112.0 91.8 137.6

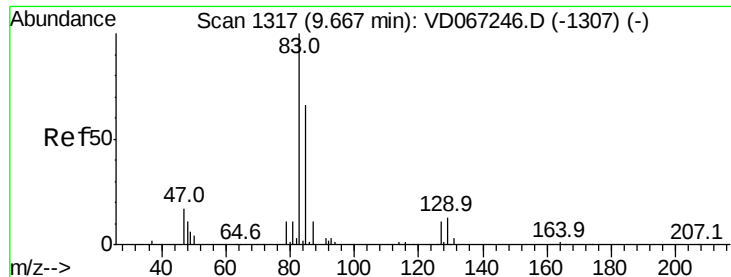


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 50.149 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

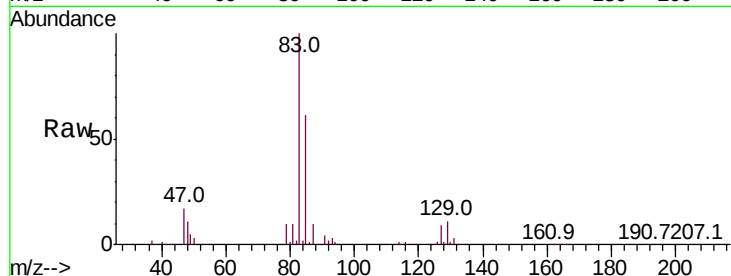
Tot Ion: 83 Resp: 229140

Ion Ratio Lower Upper

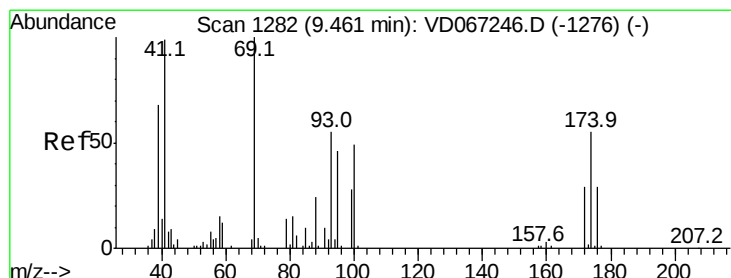
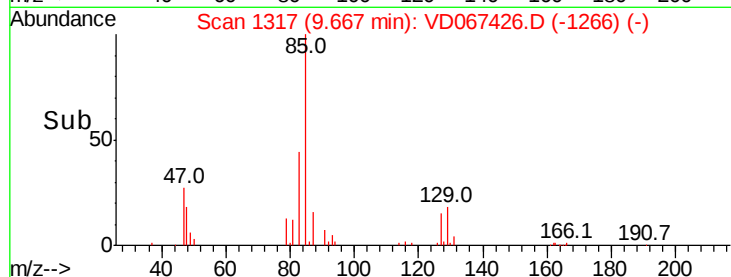
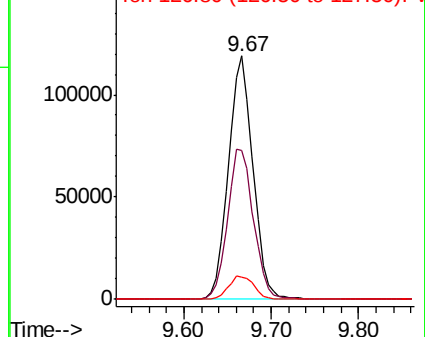
83 100

85 61.1 53.1 79.7

127 9.1 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: 48.622 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

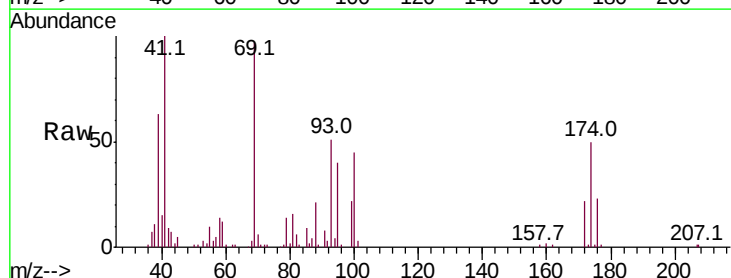
Tgt Ion: 41 Resp: 59387

Ion Ratio Lower Upper

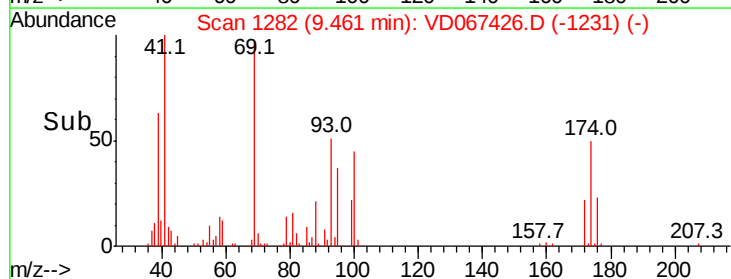
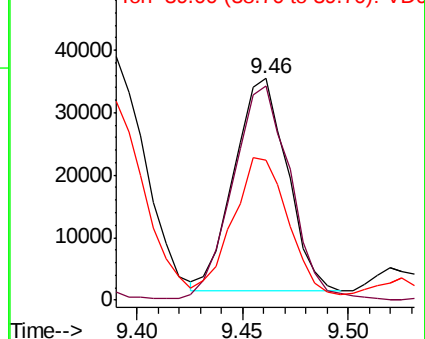
41 100

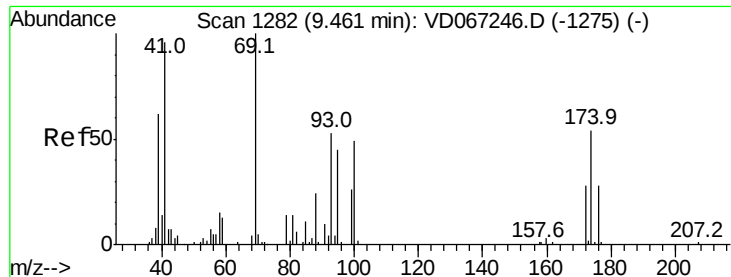
69 109.6 89.0 133.6

39 66.4 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: 1099.751 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

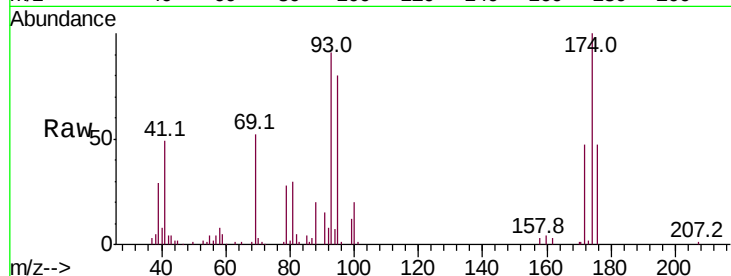
Tot Ion: 88 Resp: 18100

Ion Ratio Lower Upper

88 100

43 29.7 23.9 35.9

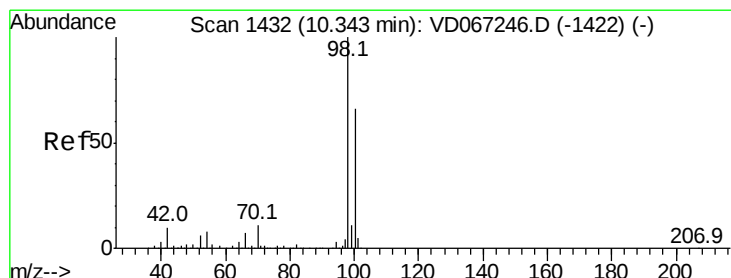
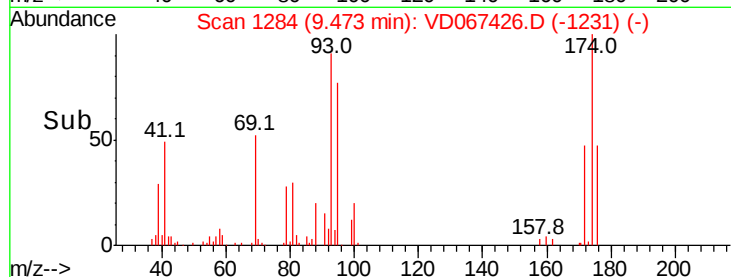
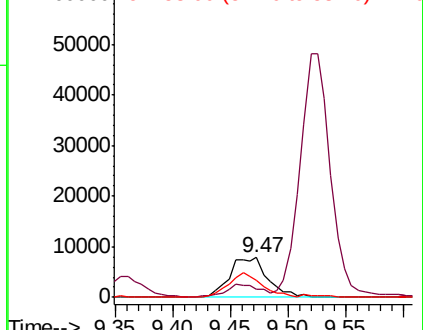
58 54.3 51.0 76.6



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 48.523 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067426.D

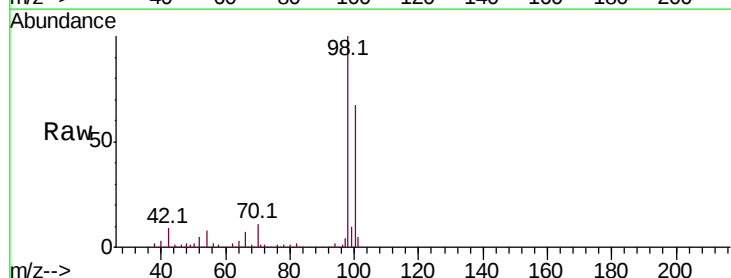
Acq: 28 Oct 2020 11:32

Tgt Ion: 98 Resp: 593579

Ion Ratio Lower Upper

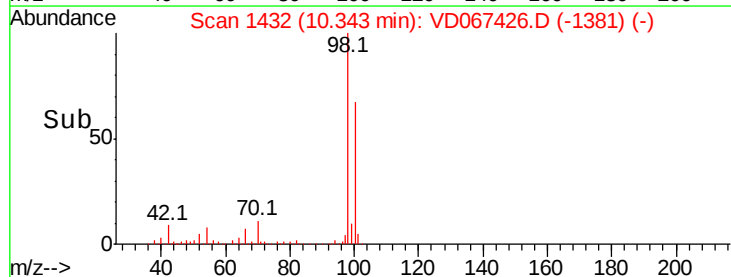
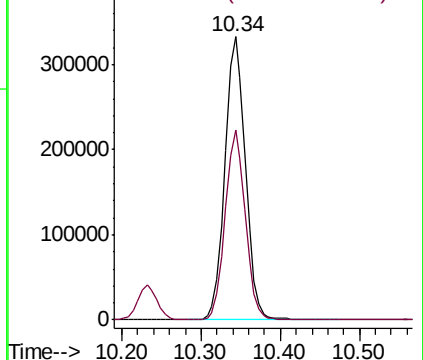
98 100

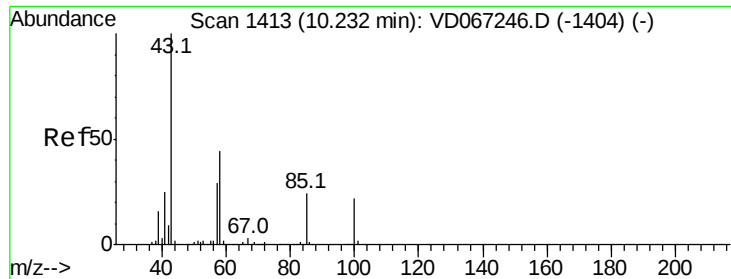
100 66.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 251.395 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

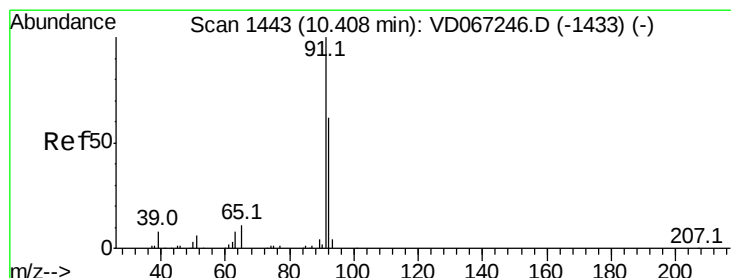
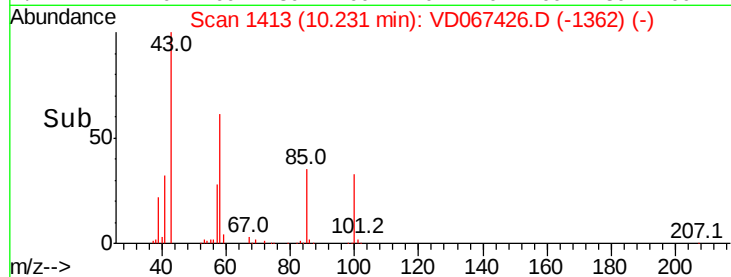
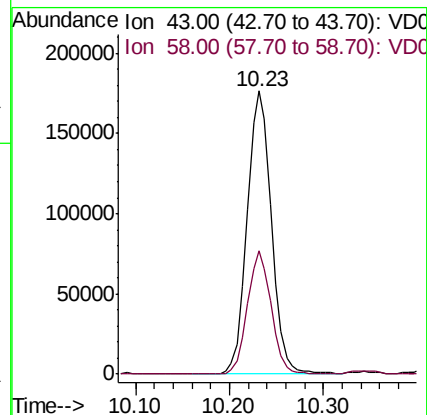
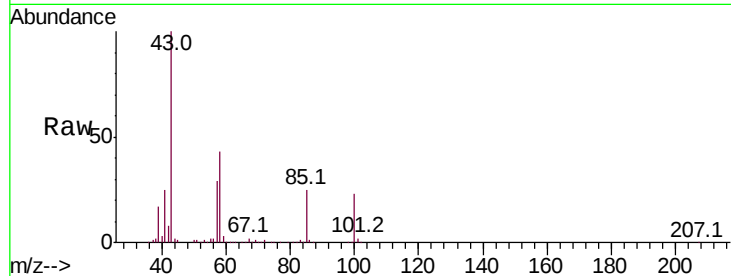
VSTDCCC050

Tot Ion: 43 Resp: 315142

Ion Ratio Lower Upper

43 100

58 42.7 35.7 53.5



#52

Toluene

Concen: 51.118 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067426.D

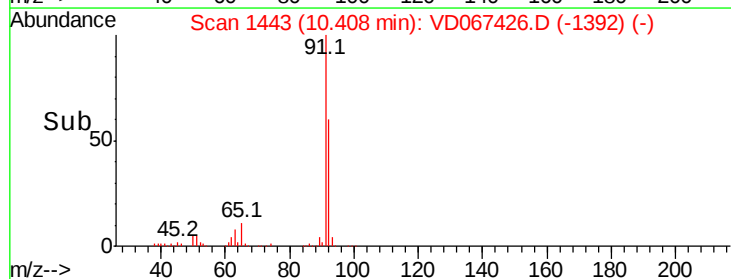
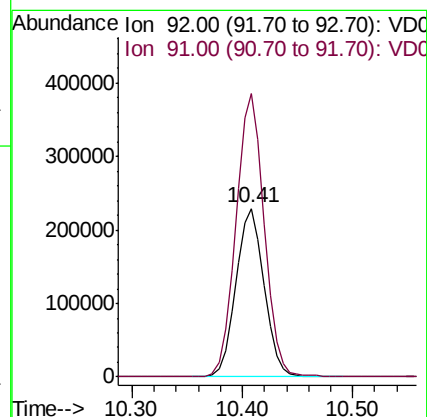
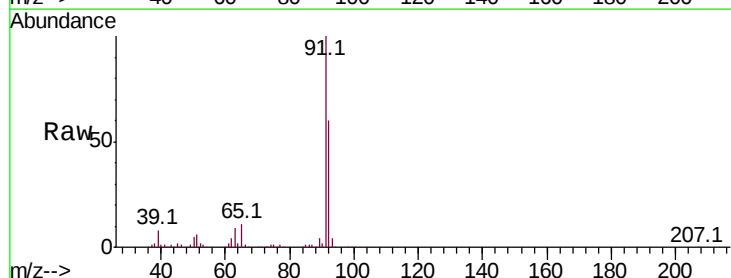
Acq: 28 Oct 2020 11:32

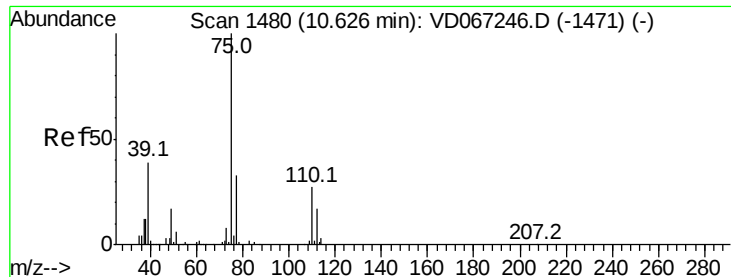
Tgt Ion: 92 Resp: 411203

Ion Ratio Lower Upper

92 100

91 168.5 133.8 200.8





#53

t-1,3-Dichloropropene

Concen: 49.993 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

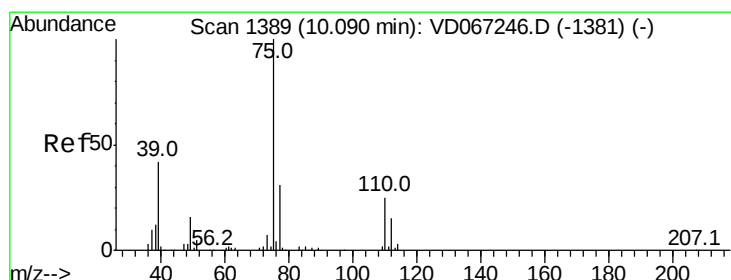
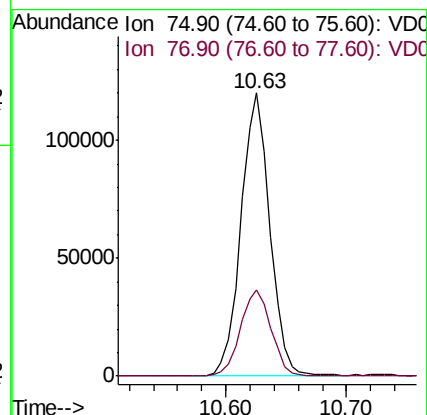
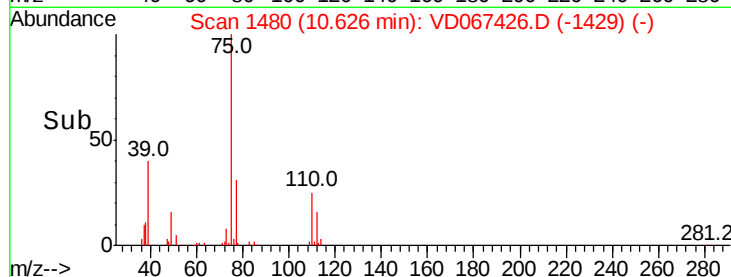
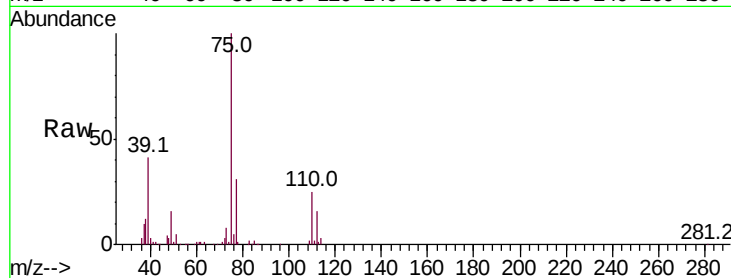
VSTDCCC050

Tot Ion: 75 Resp: 200661

Ion Ratio Lower Upper

75 100

77 30.7 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 50.452 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

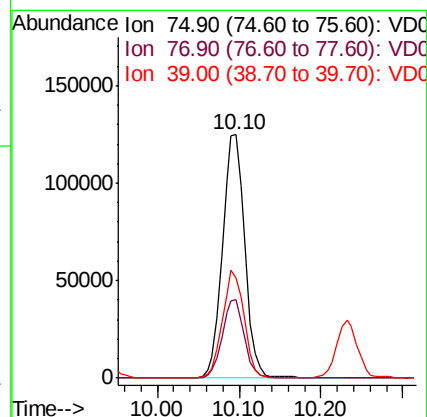
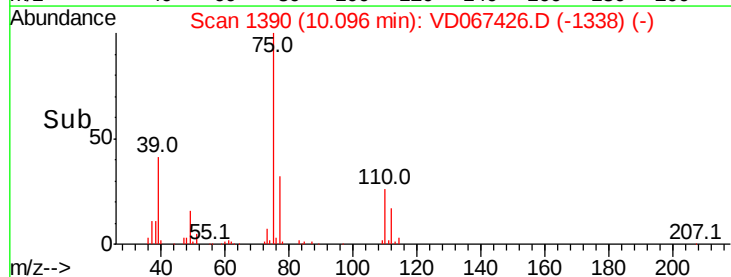
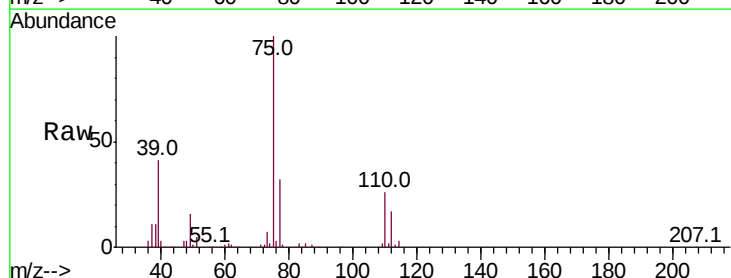
Tgt Ion: 75 Resp: 236991

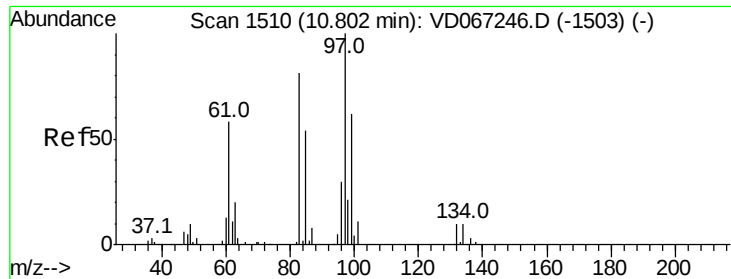
Ion Ratio Lower Upper

75 100

77 32.0 24.5 36.7

39 41.0 33.7 50.5

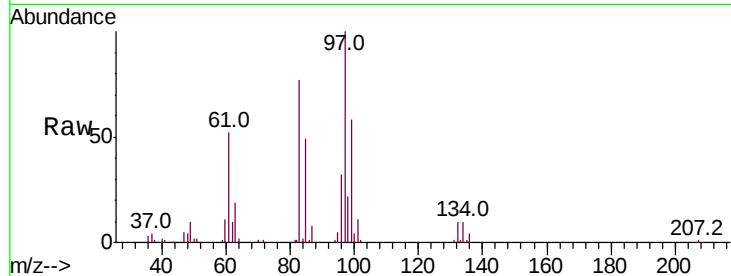




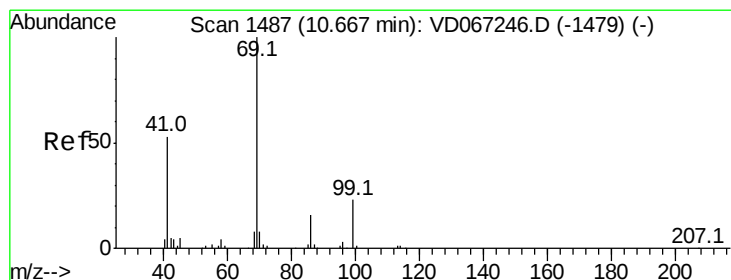
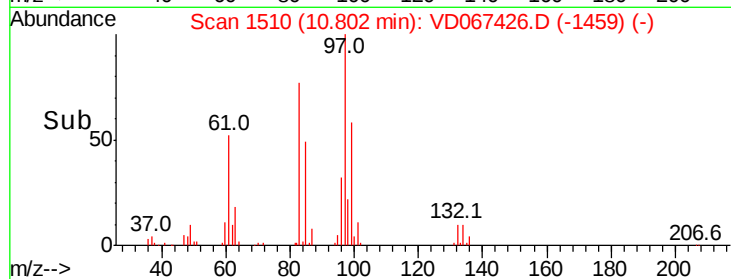
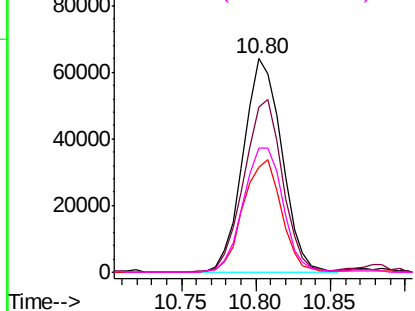
#55
 1,1,2-Trichloroethane
 Concen: 49.488 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067426.D
 Acq: 28 Oct 2020 11:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	115087
Ion	Ratio	Lower	Upper
97	100		
83	77.4	64.9	97.3
85	49.4	43.3	64.9
99	58.4	49.1	73.7

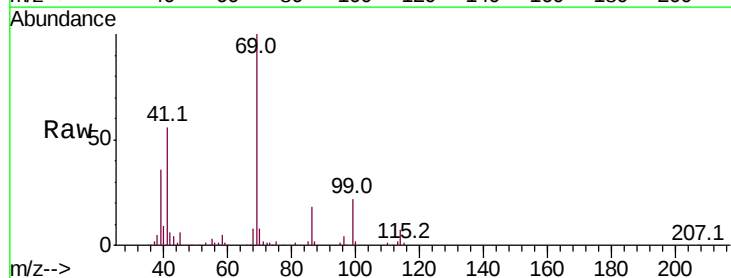


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

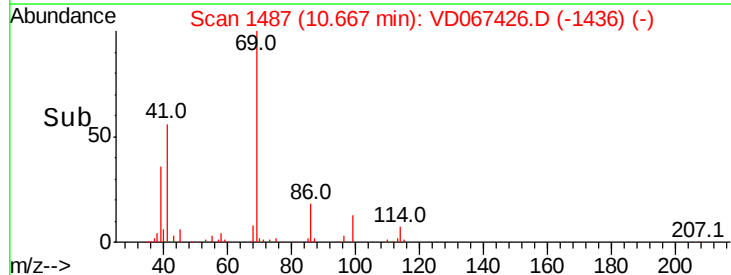
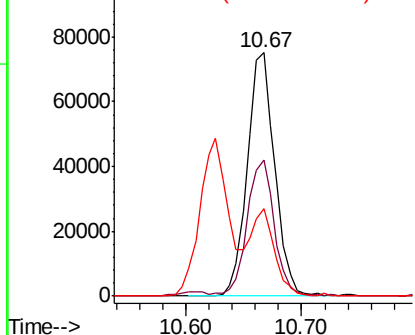


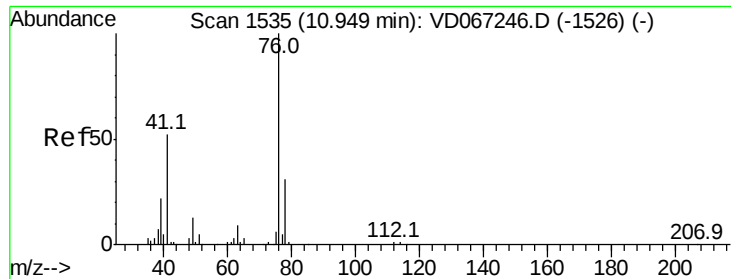
#56
 Ethyl methacrylate
 Concen: 51.636 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD067426.D
 Acq: 28 Oct 2020 11:32

Tgt Ion:	69	Resp:	124537
Ion	Ratio	Lower	Upper
69	100		
41	55.9	44.7	67.1
39	30.3	26.2	39.2



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





#57

1,3-Dichloropropane

Concen: 49.758 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

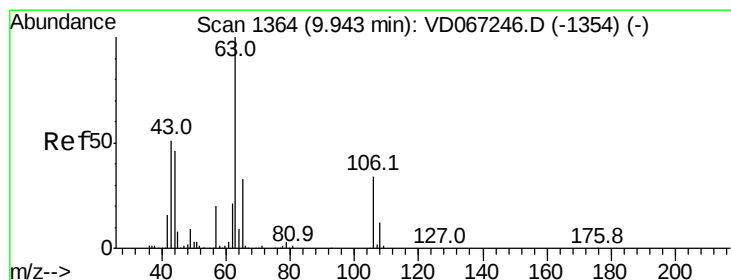
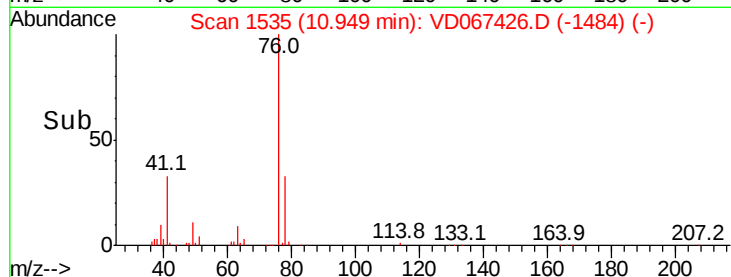
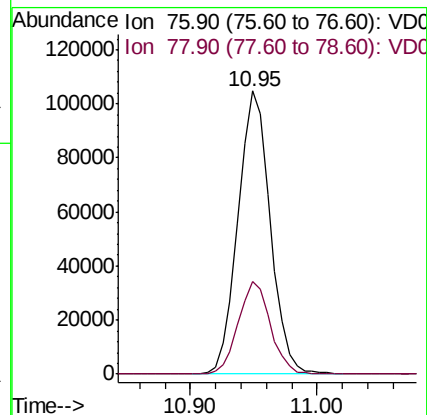
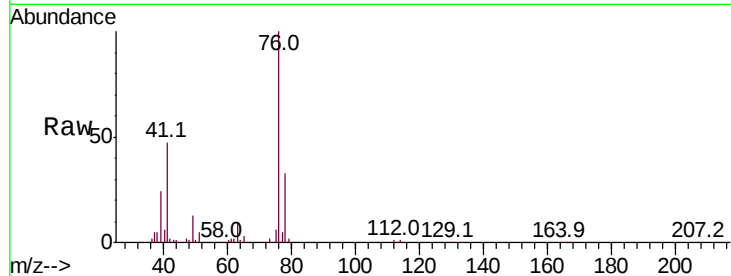
VSTDCCC050

Tot Ion: 76 Resp: 184151

Ion Ratio Lower Upper

76 100

78 32.4 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 254.436 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD067426.D

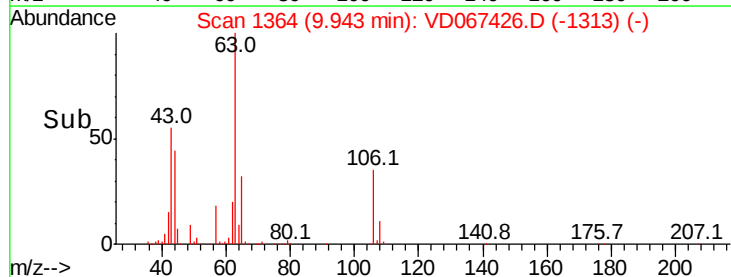
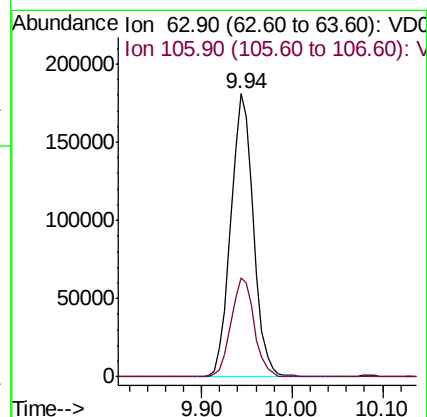
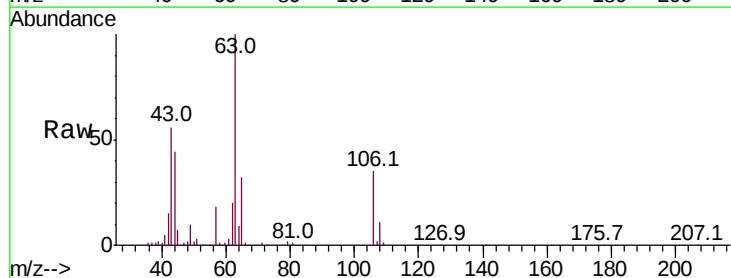
Acq: 28 Oct 2020 11:32

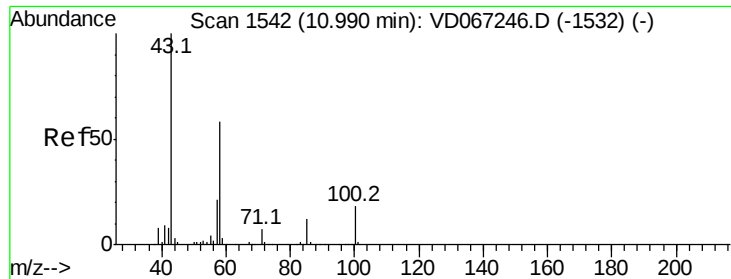
Tgt Ion: 63 Resp: 314808

Ion Ratio Lower Upper

63 100

106 35.6 27.8 41.6

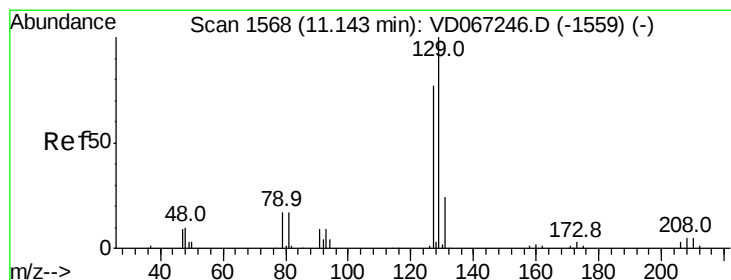
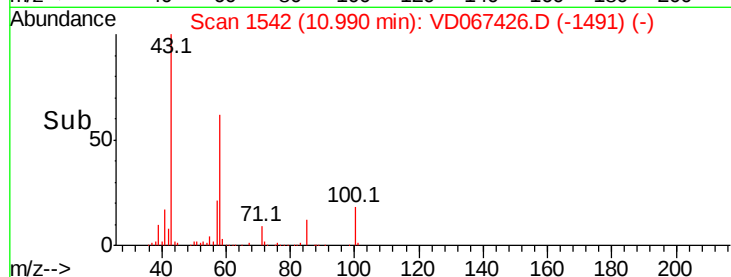
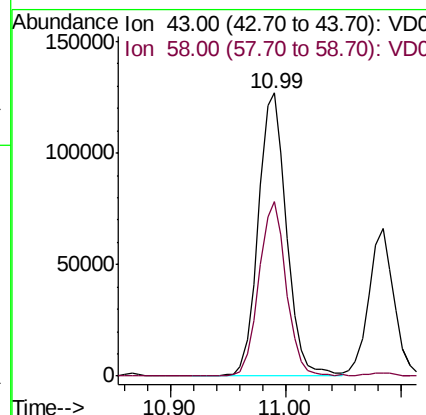
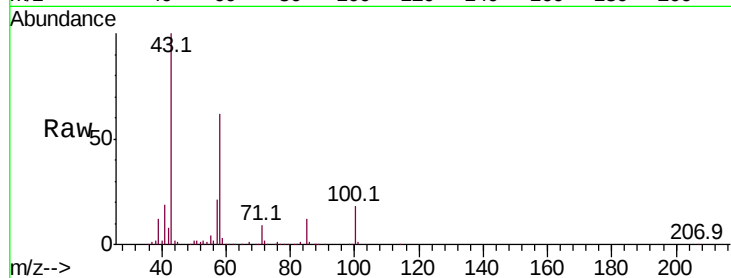




#59
2-Hexanone
Concen: 253.765 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

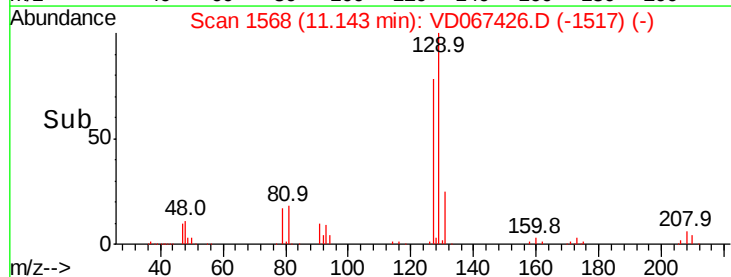
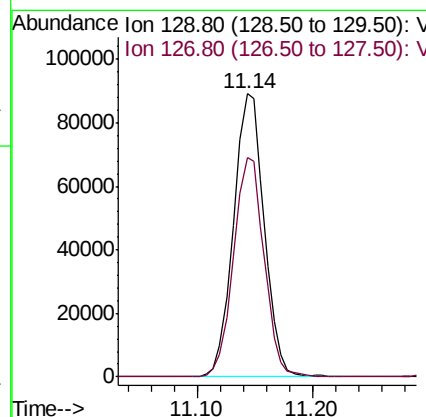
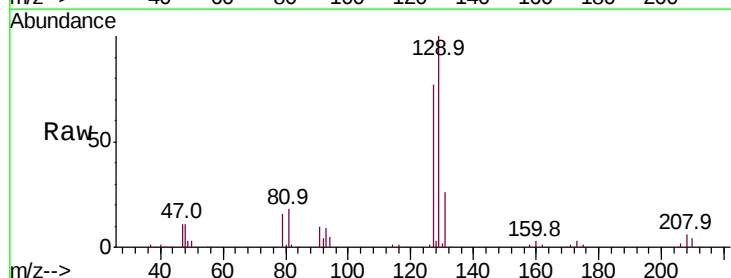
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

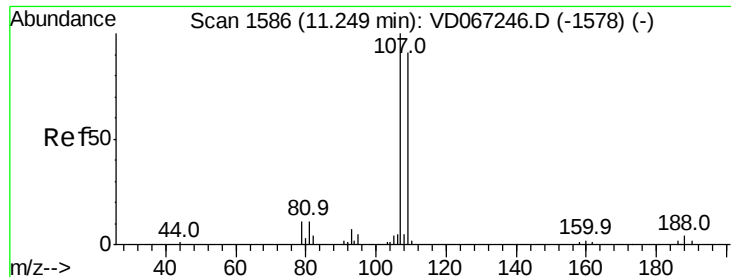
Tot Ion: 43 Resp: 217376
Ion Ratio Lower Upper
43 100
58 59.4 29.3 87.9



#60
Dibromochloromethane
Concen: 48.357 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Tgt Ion: 129 Resp: 164002
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.8

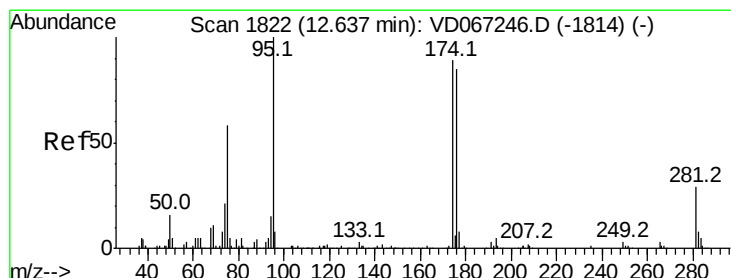
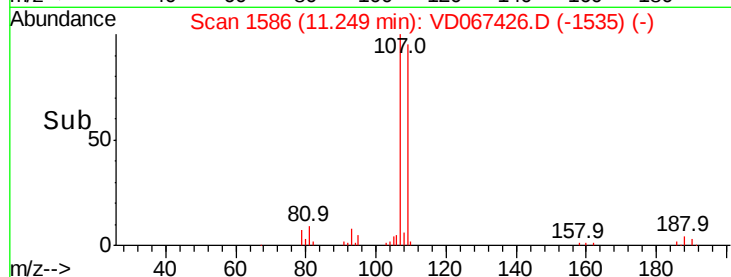
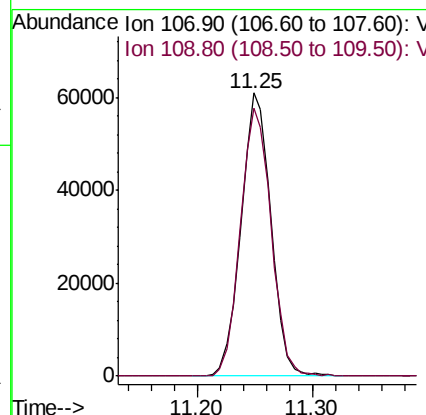
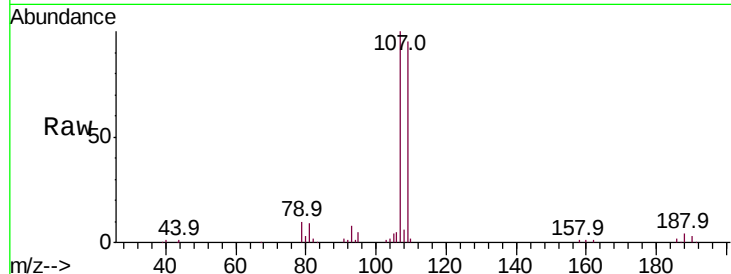




#61
 1,2-Dibromoethane
 Concen: 47.559 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067426.D
 Acq: 28 Oct 2020 11:32

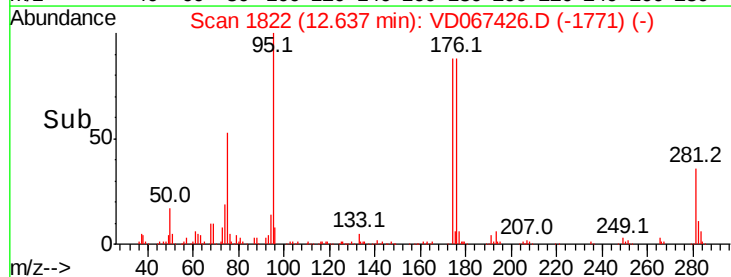
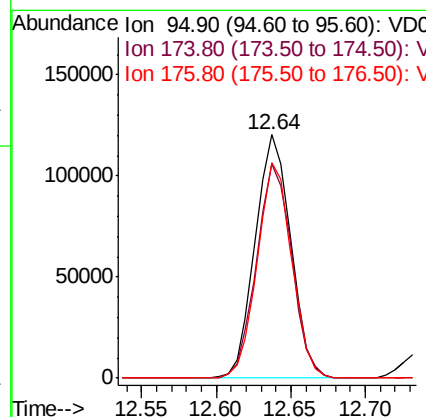
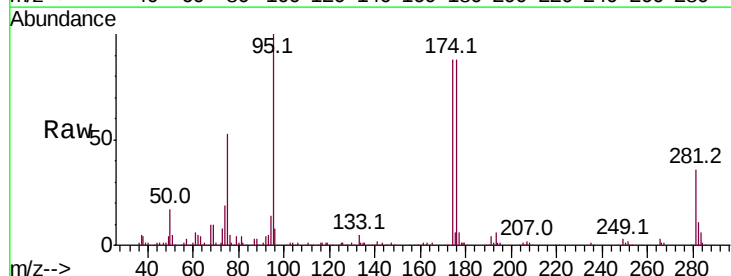
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

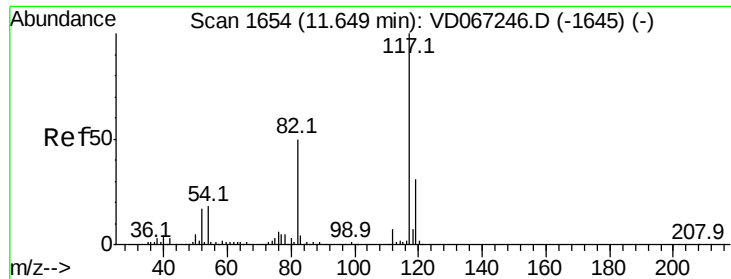
Tot Ion:107 Resp: 109037
 Ion Ratio Lower Upper
 107 100
 109 97.4 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 46.437 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067426.D
 Acq: 28 Oct 2020 11:32

Tgt Ion: 95 Resp: 197529
 Ion Ratio Lower Upper
 95 100
 174 87.3 0.0 175.2
 176 85.8 0.0 168.6

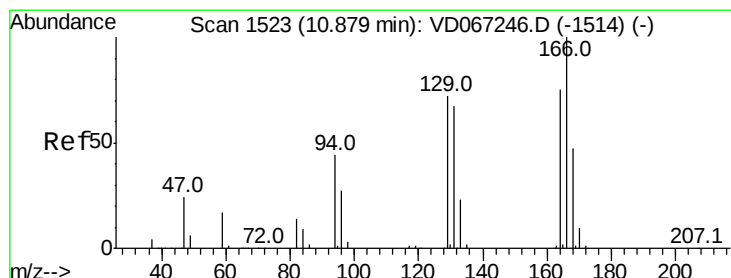
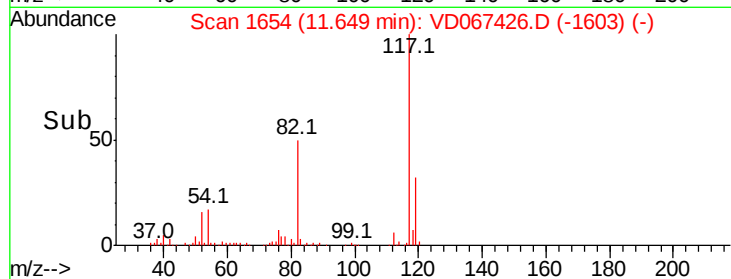
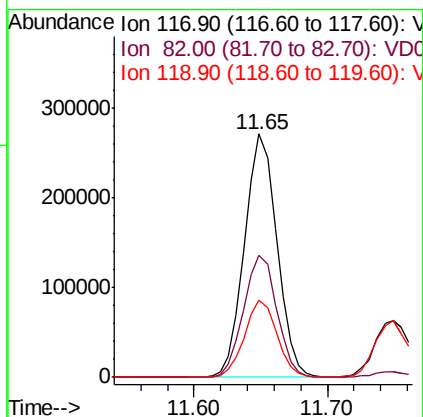
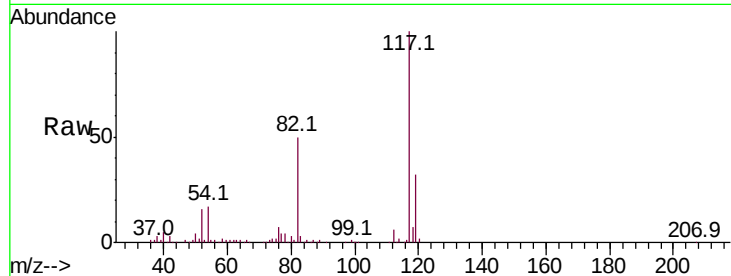




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

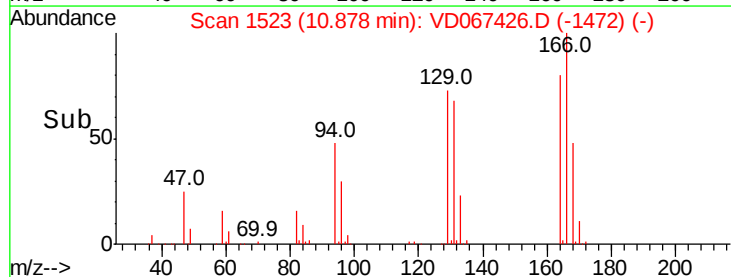
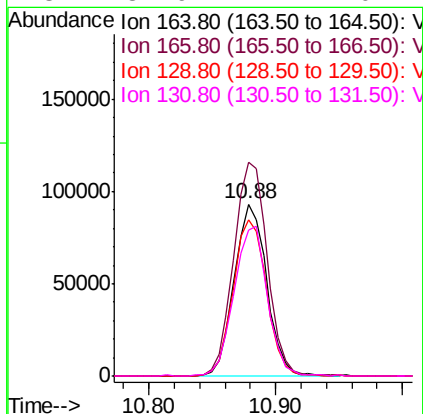
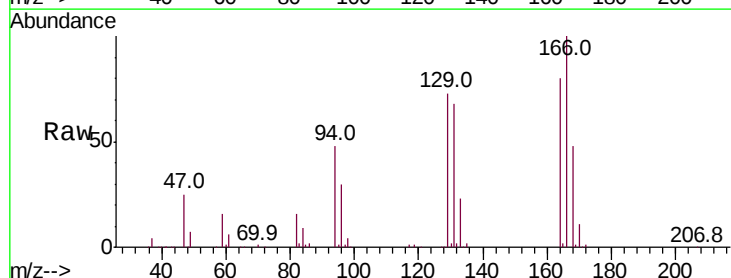
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

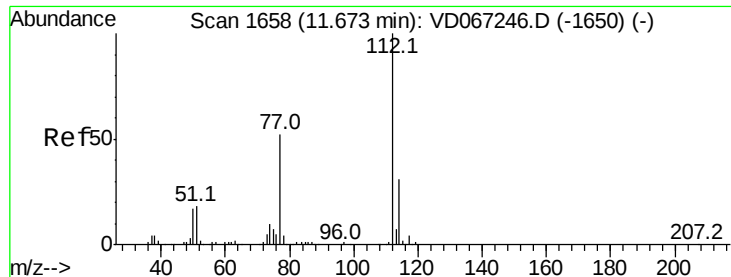
Tot Ion:117 Resp: 457363
Ion Ratio Lower Upper
117 100
82 50.1 39.9 59.9
119 31.9 24.9 37.3



#64
Tetrachloroethene
Concen: 49.818 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Tgt Ion:164 Resp: 165083
Ion Ratio Lower Upper
164 100
166 124.4 107.3 160.9
129 91.0 77.3 115.9
131 84.9 71.4 107.2

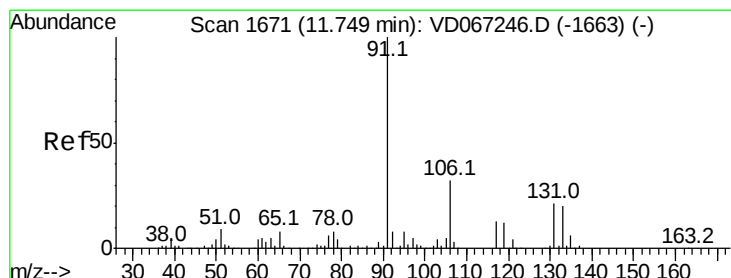
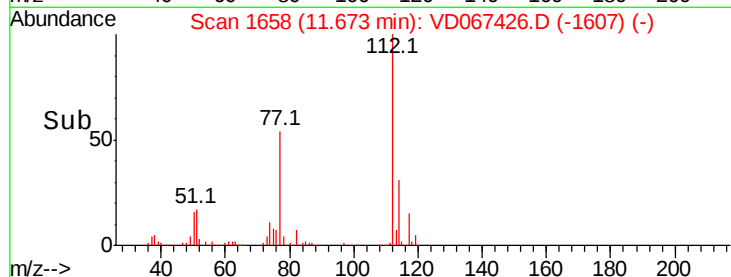
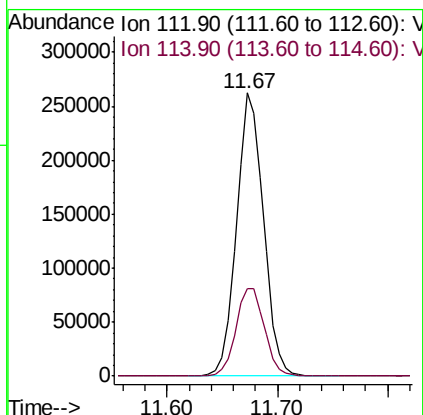
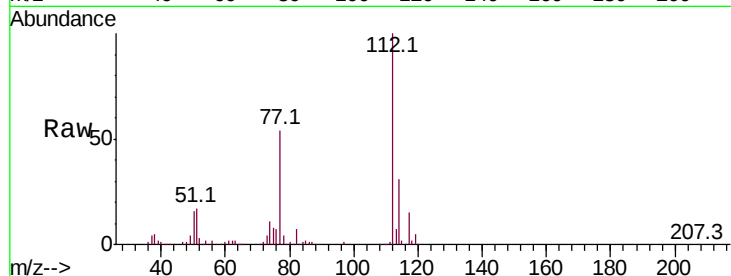




#65
Chlorobenzene
Concen: 51.222 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

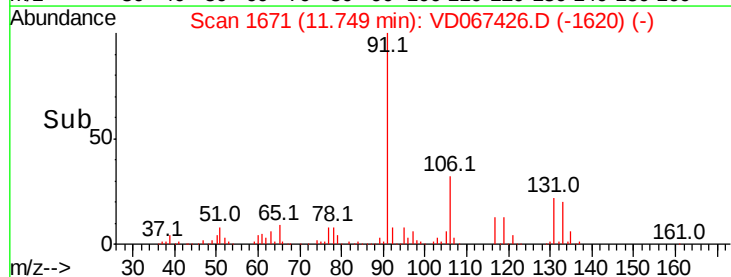
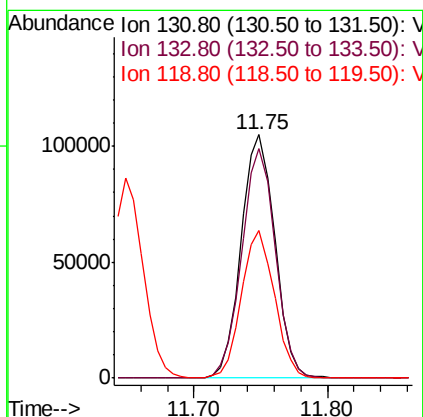
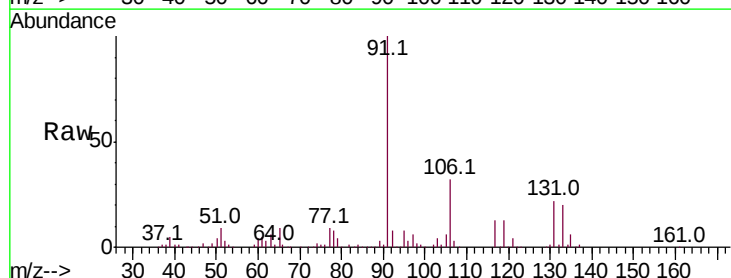
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

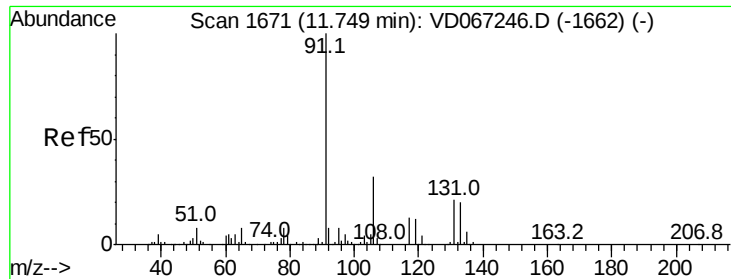
Tot Ion:112 Resp: 449238
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.563 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Tgt Ion:131 Resp: 183224
Ion Ratio Lower Upper
131 100
133 94.0 48.1 144.3
119 59.4 30.0 90.0





#67

Ethyl Benzene

Concen: 52.916 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

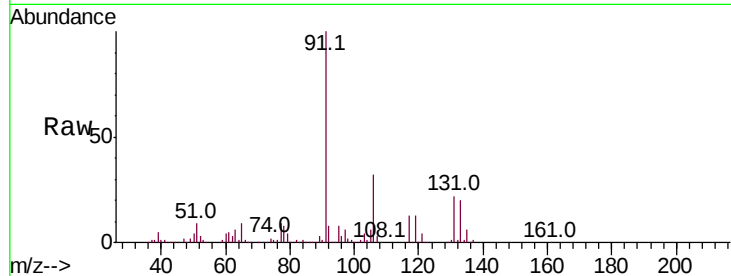
VSTDCCC050

Tot Ion: 91 Resp: 795546

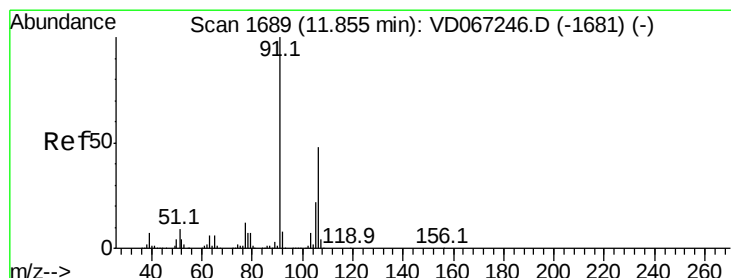
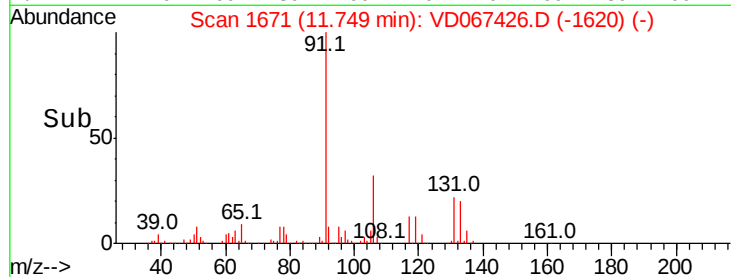
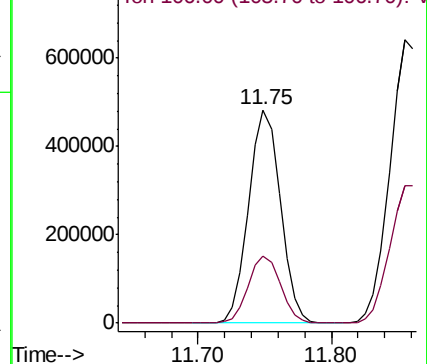
Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 105.849 ug/l

RT: 11.85 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD067426.D

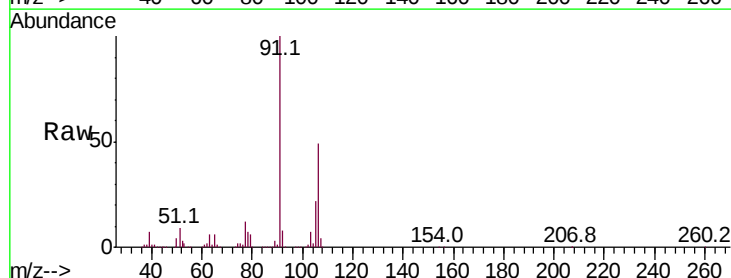
Acq: 28 Oct 2020 11:32

Tgt Ion: 106 Resp: 612807

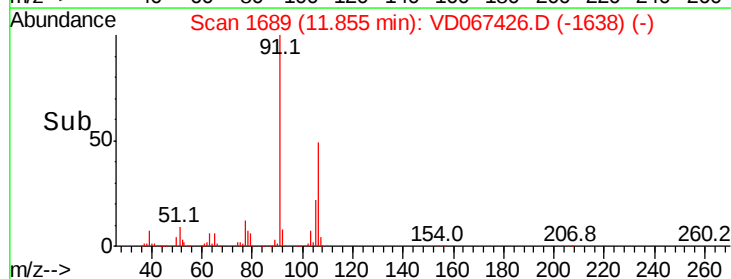
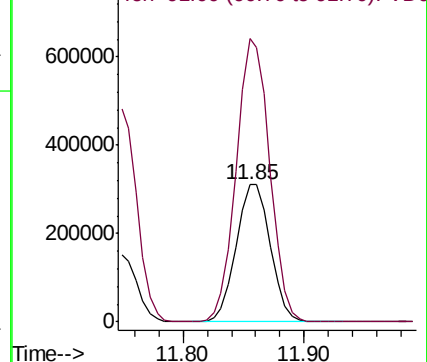
Ion Ratio Lower Upper

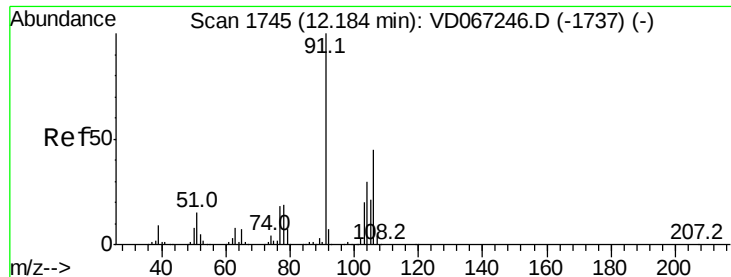
106 100

91 202.0 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

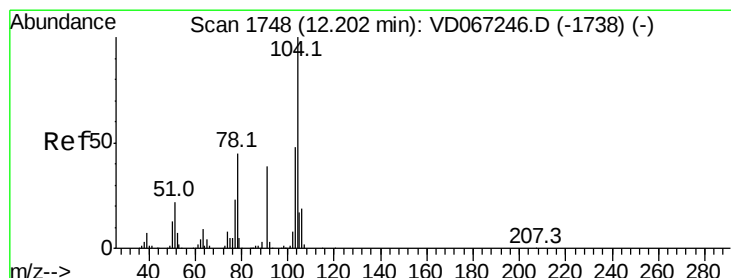
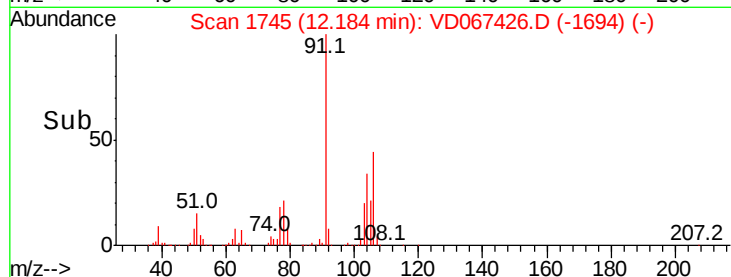
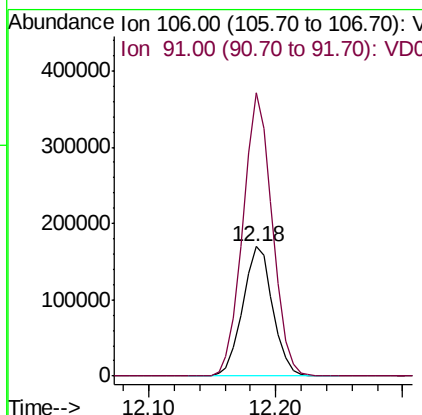
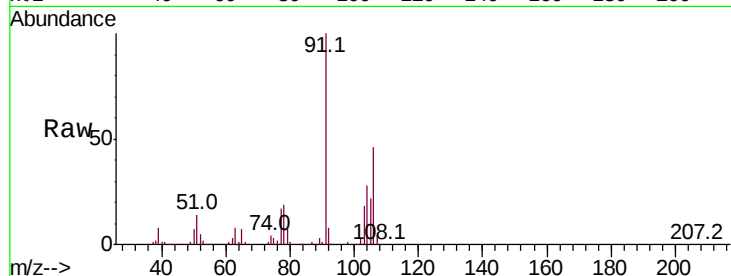




#69
o-Xylene
Concen: 52.029 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

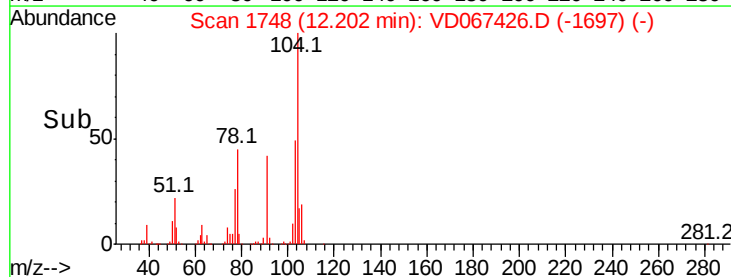
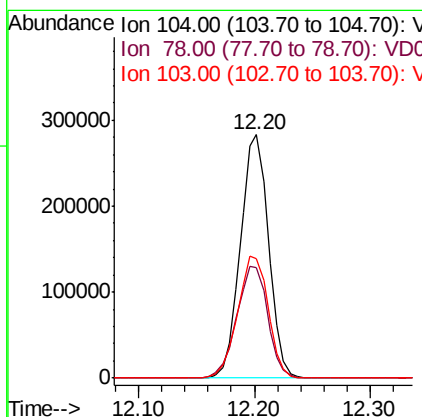
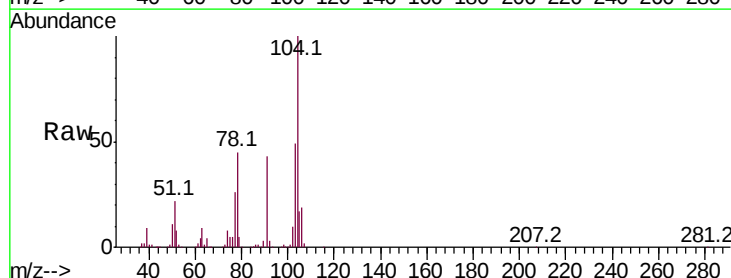
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

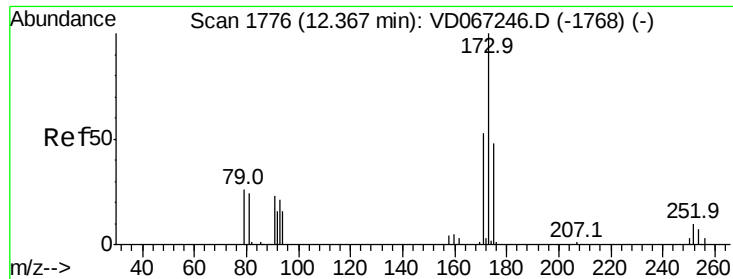
Tot Ion:106 Resp: 278928
Ion Ratio Lower Upper
106 100
91 213.6 109.1 327.3



#70
Styrene
Concen: 51.973 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Tgt Ion:104 Resp: 479644
Ion Ratio Lower Upper
104 100
78 50.3 39.8 59.6
103 54.3 42.6 64.0





#71

Bromoform

Concen: 49.862 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

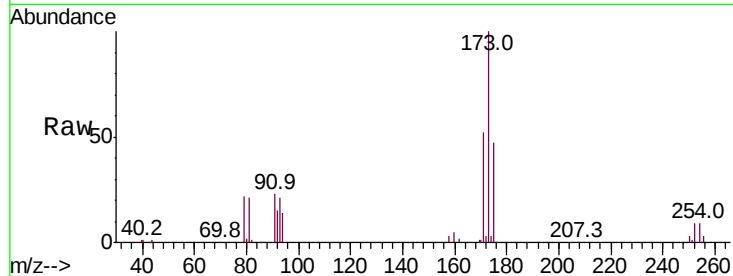
Tot Ion:173 Resp: 93373

Ion Ratio Lower Upper

173 100

175 47.3 24.2 72.6

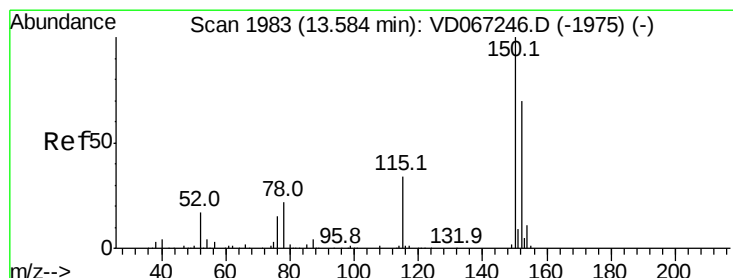
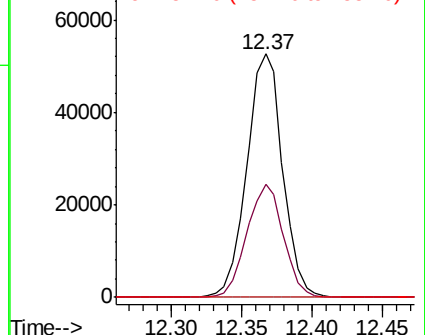
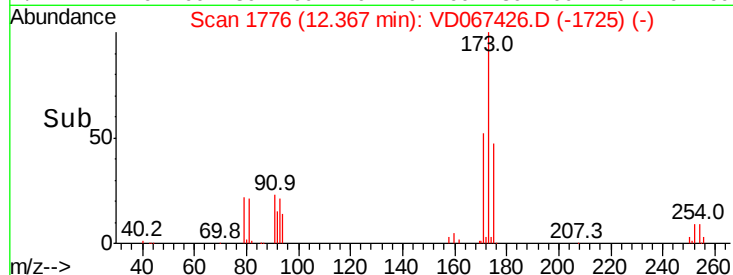
254 0.1 0.1 0.1#



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# 1982

Delta R.T. -0.01 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

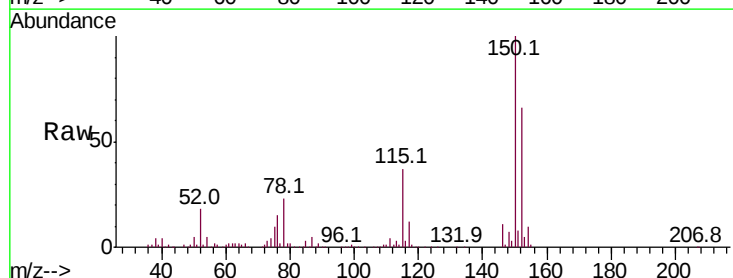
Tgt Ion:152 Resp: 229170

Ion Ratio Lower Upper

152 100

115 57.6 29.3 87.9

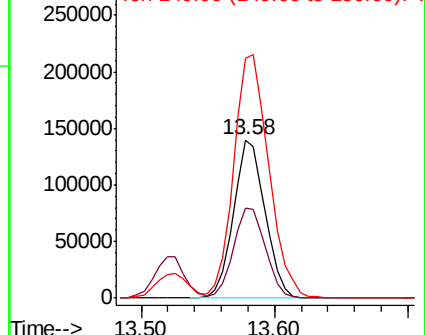
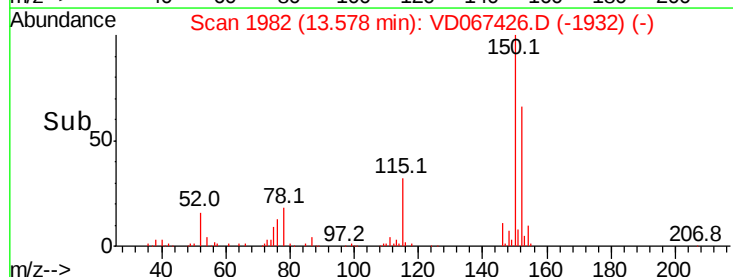
150 171.1 0.0 339.0

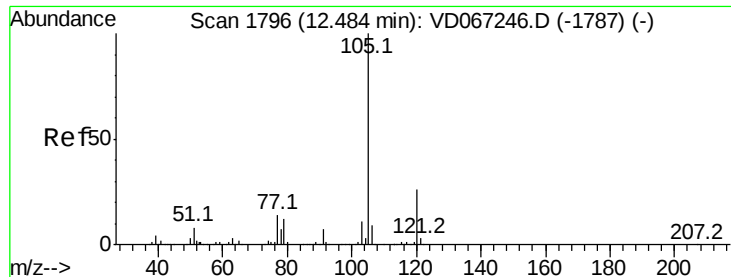


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.909 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

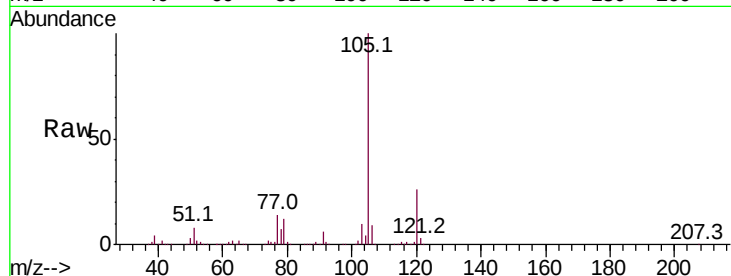
VSTDCCC050

Tot Ion:105 Resp: 813182

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

0

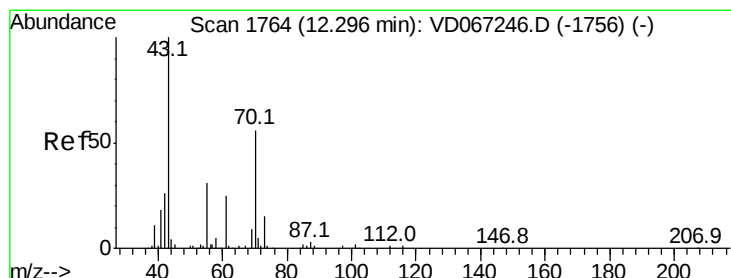
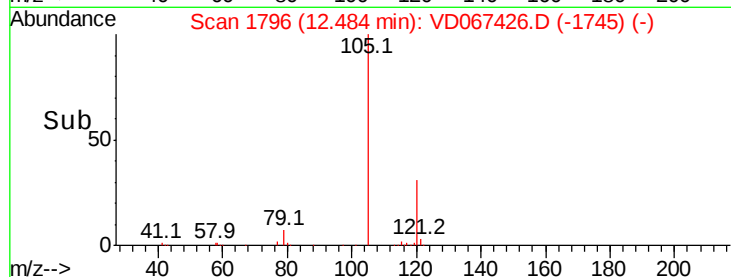
12.40

12.48

12.50

12.60

Time-->



#74

N-ethyl acetate

Concen: 49.863 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Tgt Ion: 43 Resp: 109536

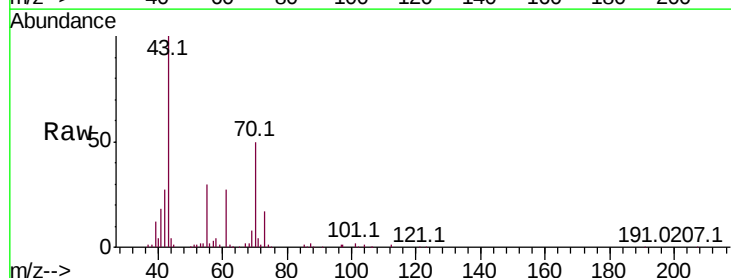
Ion Ratio Lower Upper

43 100

70 54.5 42.7 64.1

55 30.7 24.0 36.0

61 27.4 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

100000

80000

60000

40000

20000

0

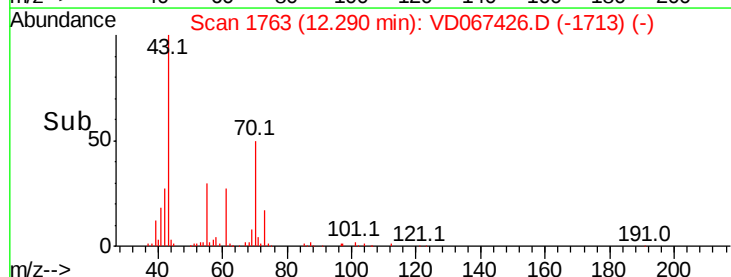
12.20

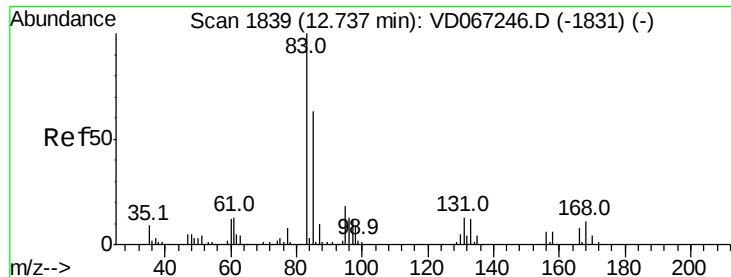
12.29

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.370 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

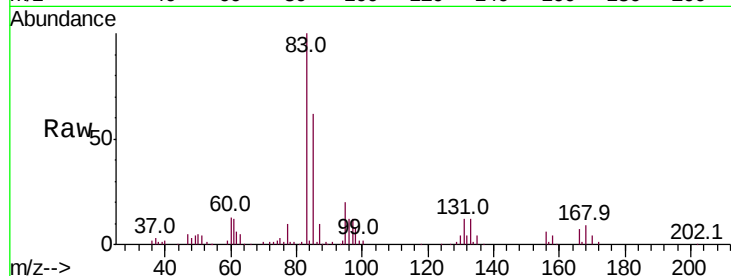
Tot Ion: 83 Resp: 110025

Ion Ratio Lower Upper

83 100

131 12.7 6.5 19.5

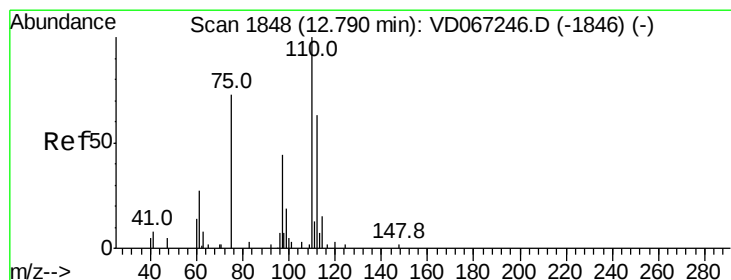
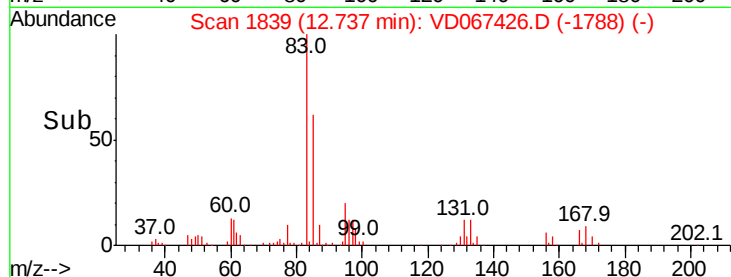
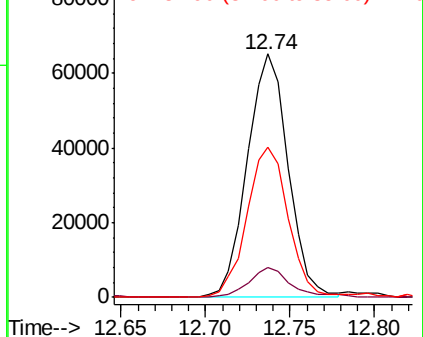
85 62.2 32.6 97.7



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: 96.566 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD067426.D

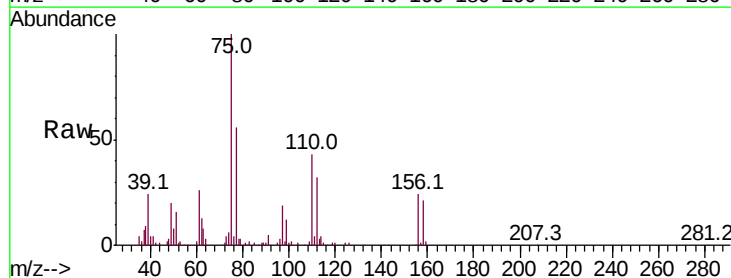
Acq: 28 Oct 2020 11:32

Tgt Ion: 75 Resp: 153382

Ion Ratio Lower Upper

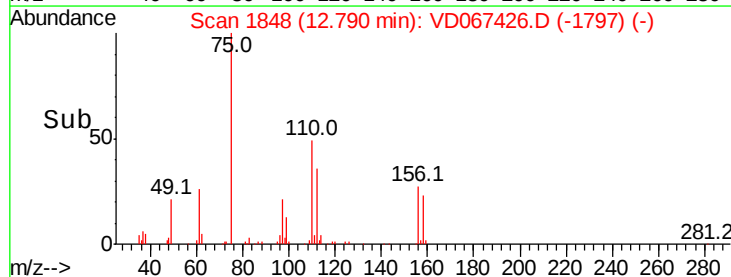
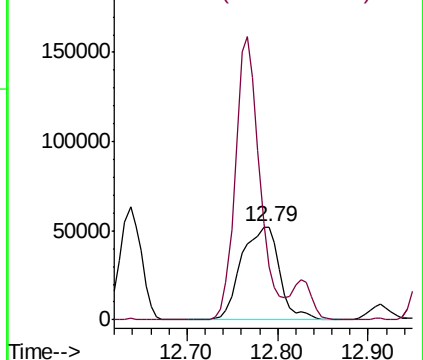
75 100

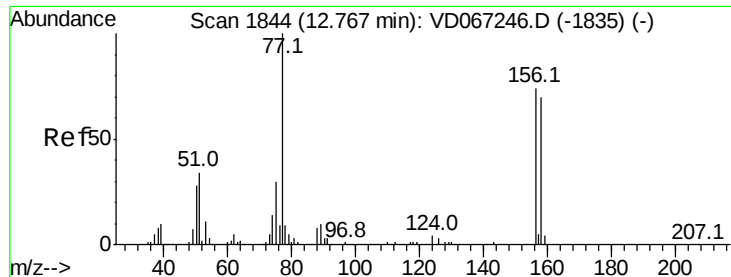
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.824 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

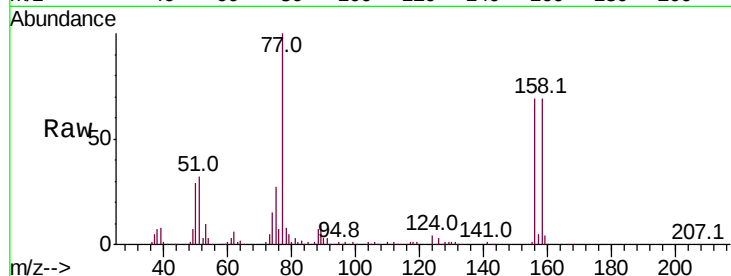
Tot Ion:156 Resp: 184296

Ion Ratio Lower Upper

156 100

77 162.2 78.0 233.8

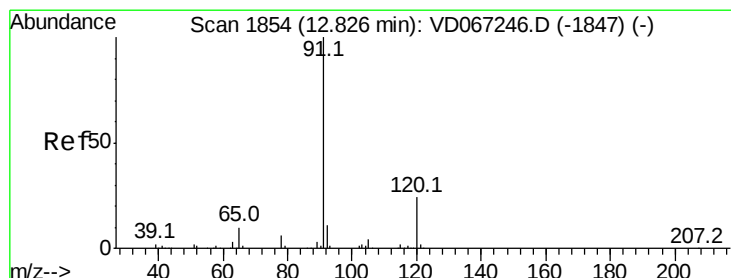
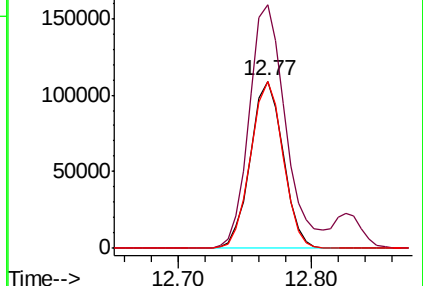
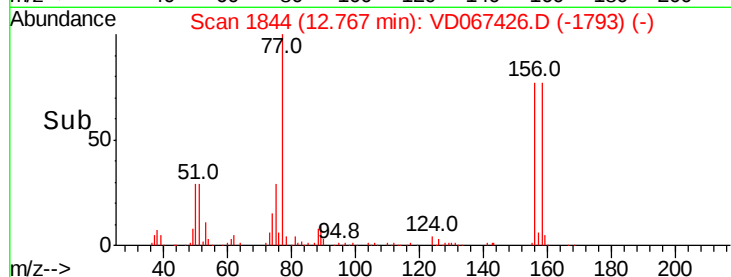
158 98.8 49.1 147.3



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: 54.996 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067426.D

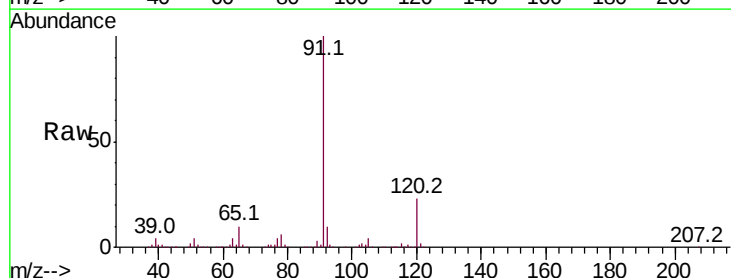
Acq: 28 Oct 2020 11:32

Tgt Ion: 91 Resp: 926781

Ion Ratio Lower Upper

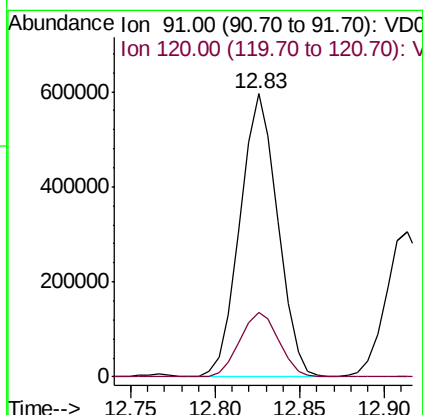
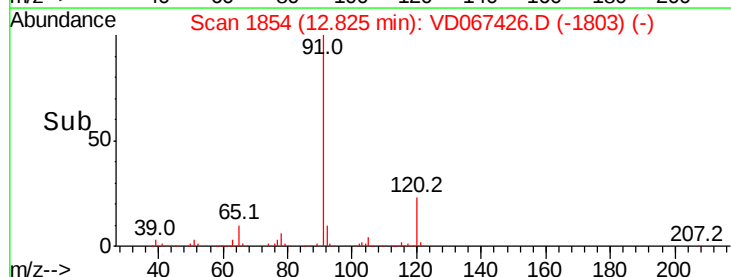
91 100

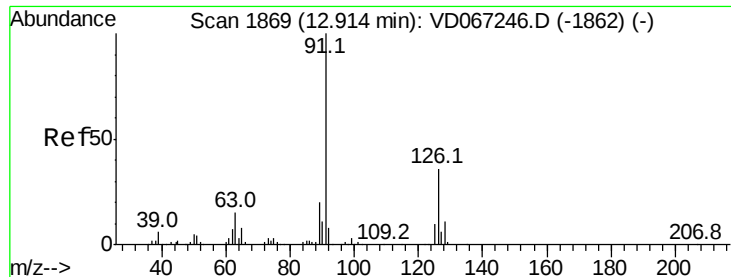
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

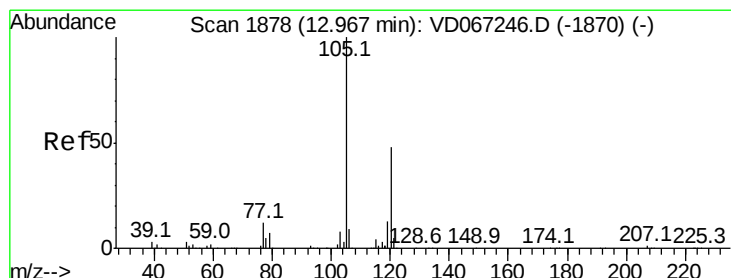
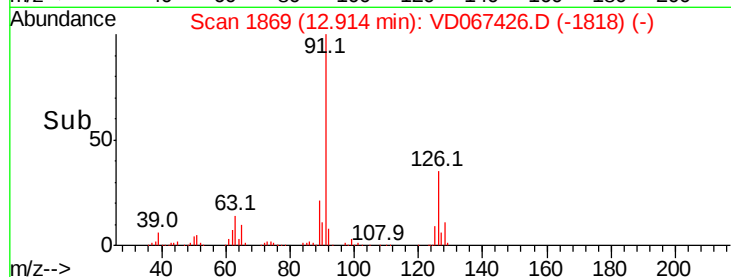
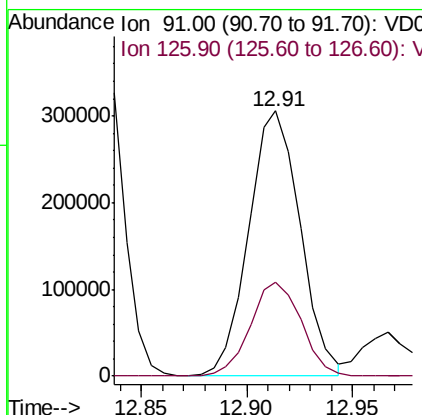
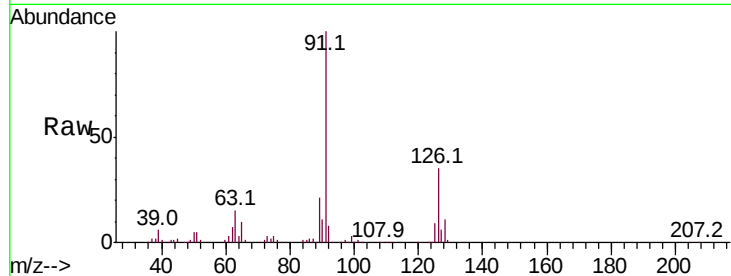




#79
 2-Chlorotoluene
 Concen: 52.917 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD067426.D
 Acq: 28 Oct 2020 11:32

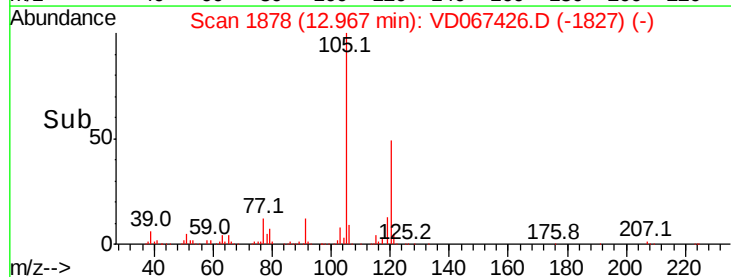
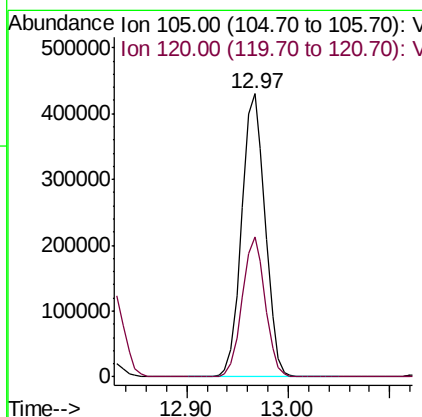
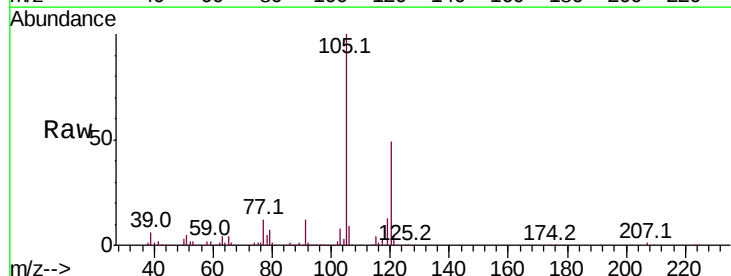
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

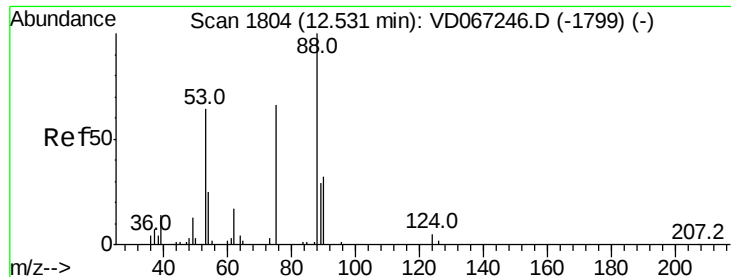
Tot Ion: 91 Resp: 517141
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 54.542 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD067426.D
 Acq: 28 Oct 2020 11:32

Tgt Ion: 105 Resp: 689371
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.8

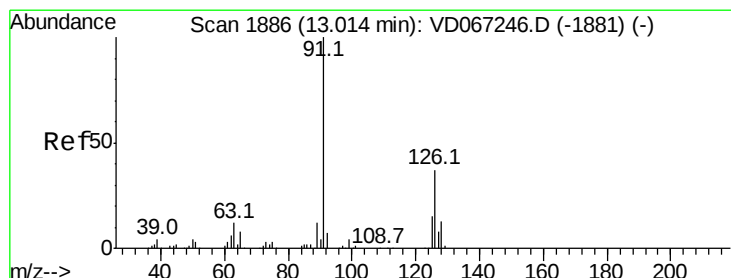
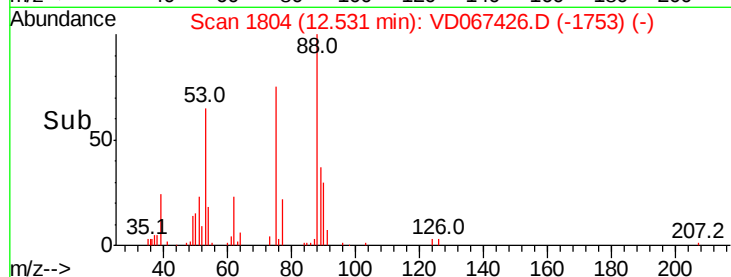
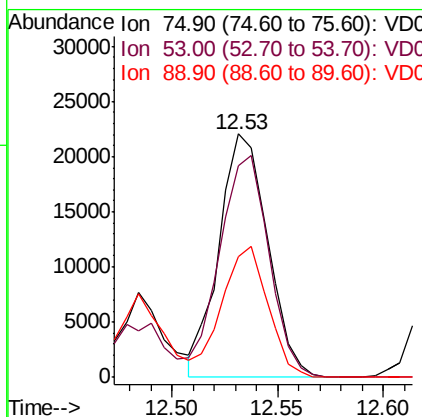
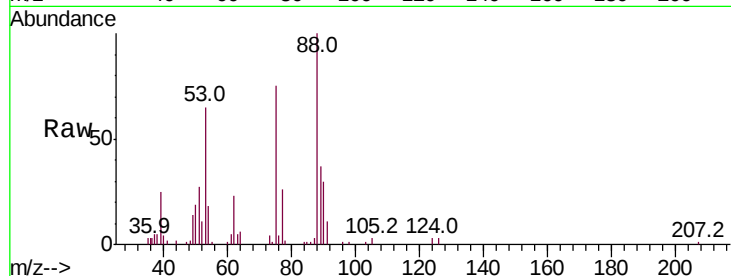




#81
trans-1,4-Dichloro-2-butene
Concen: 50.345 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

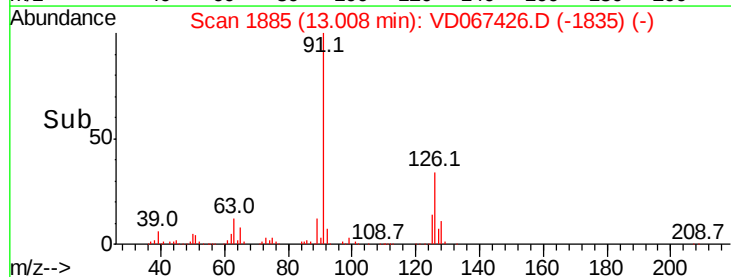
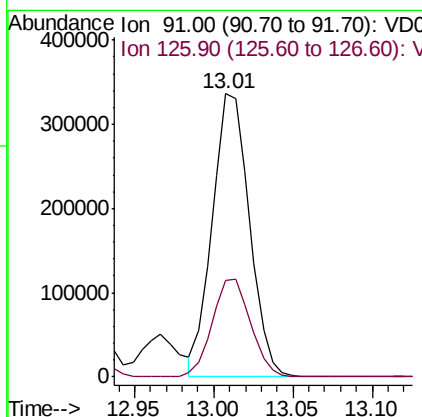
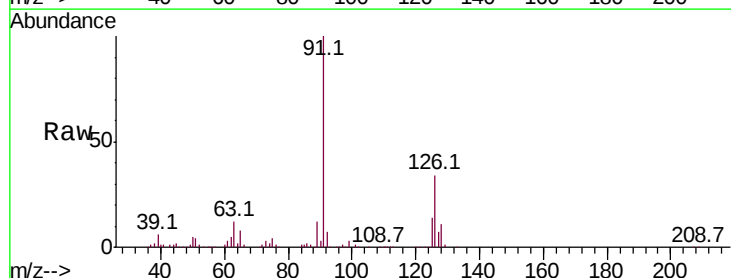
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

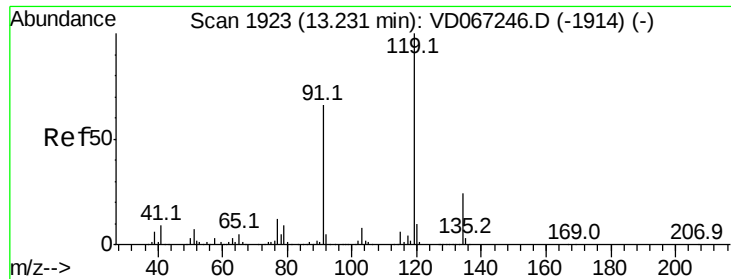
Tot Ion: 75 Resp: 35263
Ion Ratio Lower Upper
75 100
53 93.7 78.5 117.7
89 51.3 39.9 59.9



#82
4-Chlorotoluene
Concen: 52.825 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Tgt Ion: 91 Resp: 547916
Ion Ratio Lower Upper
91 100
126 35.7 17.8 53.5

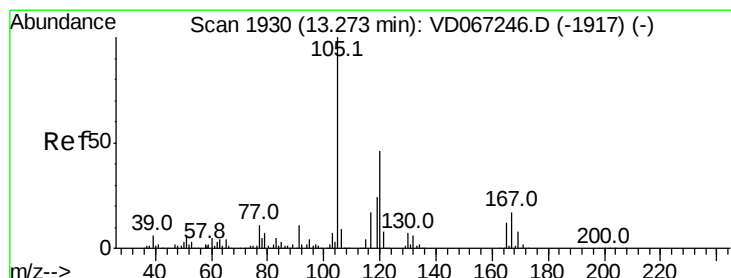
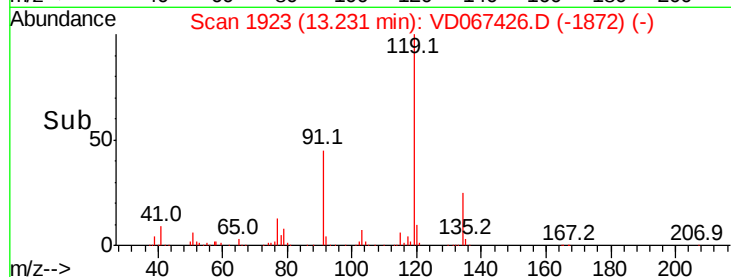
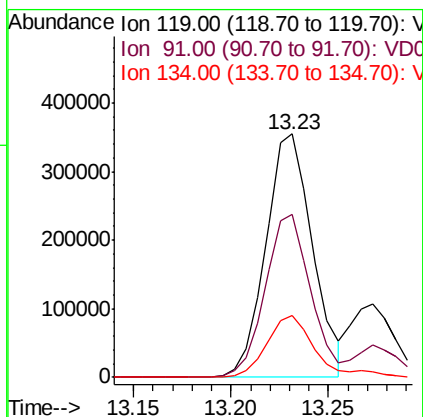
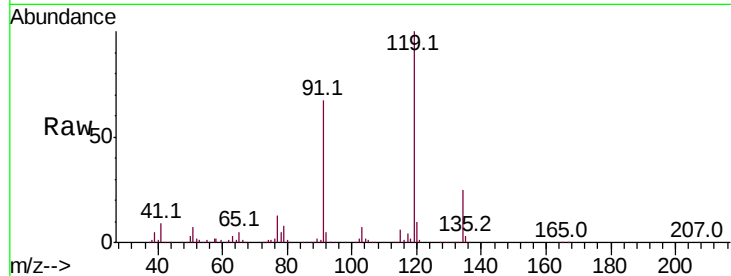




#83
tert-Butylbenzene
Concen: 55.338 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

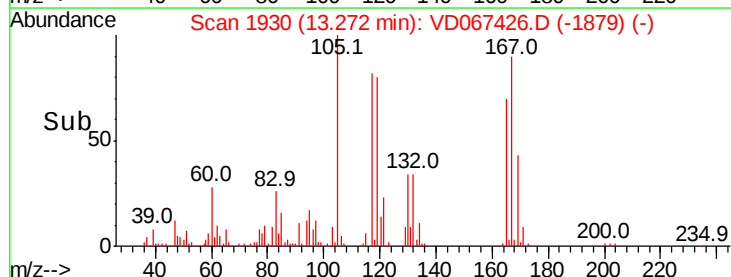
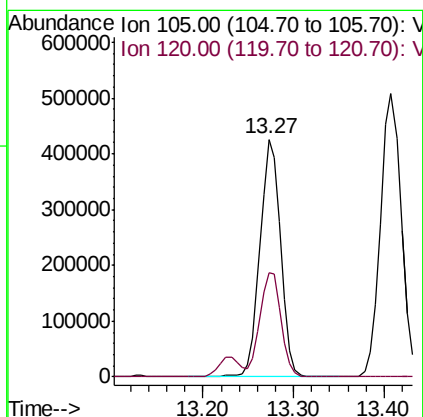
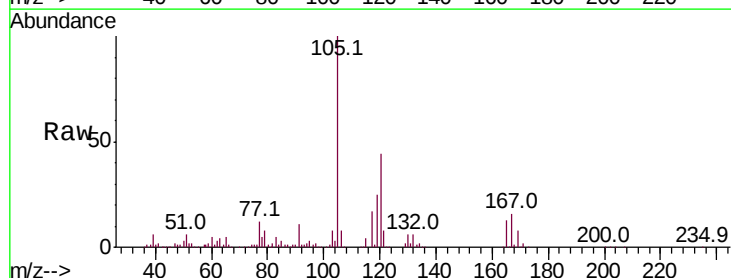
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

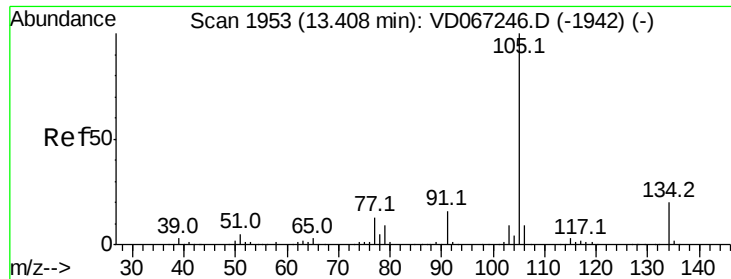
Tot Ion:119 Resp: 590814
Ion Ratio Lower Upper
119 100
91 64.6 33.1 99.2
134 26.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 54.300 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Tgt Ion:105 Resp: 678326
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3

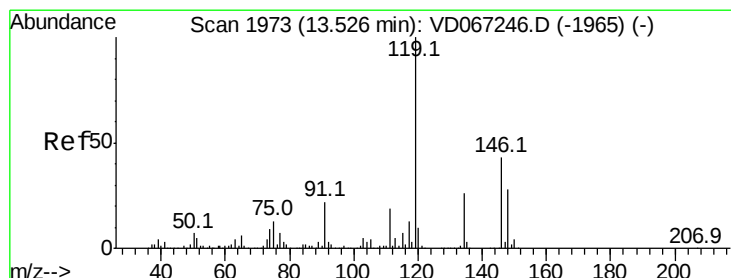
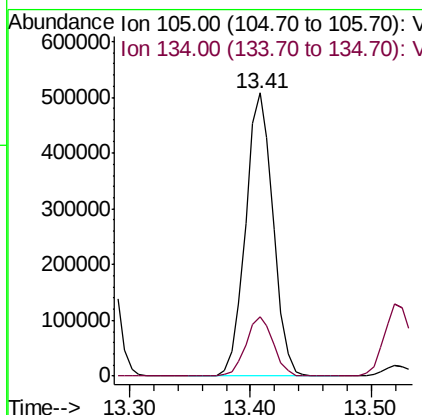
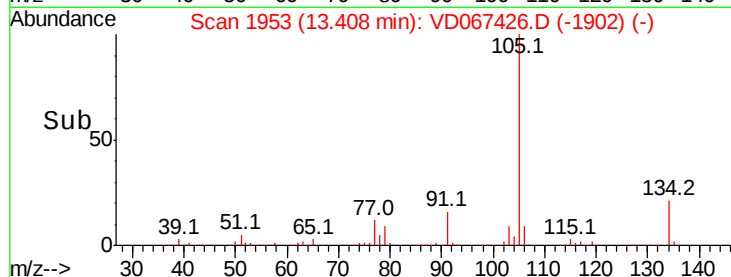
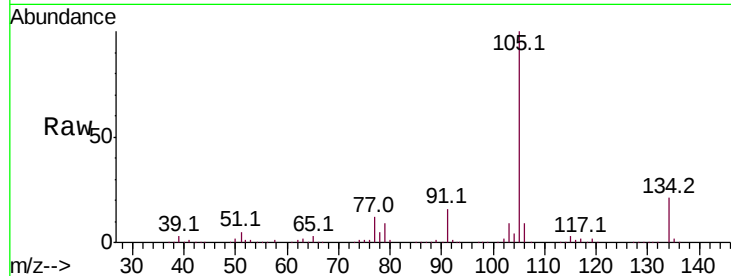




#85
 sec-Butylbenzene
 Concen: 54.853 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD067426.D
 Acq: 28 Oct 2020 11:32

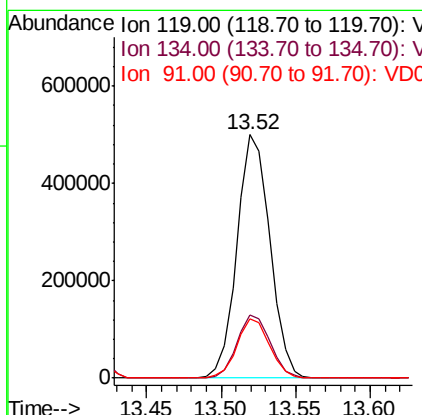
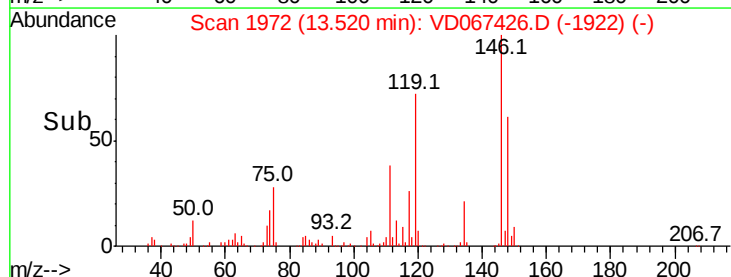
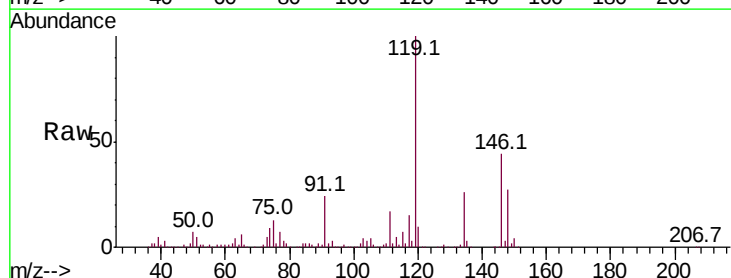
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

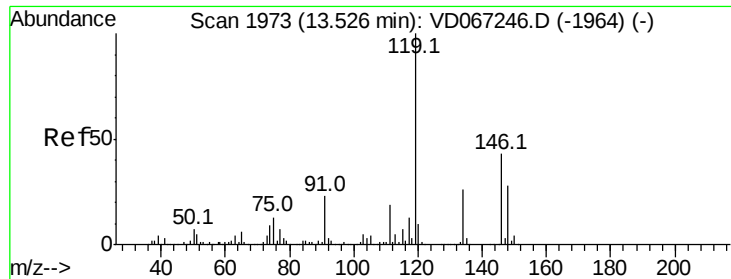
Tot Ion:105 Resp: 803580
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 55.461 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067426.D
 Acq: 28 Oct 2020 11:32

Tgt Ion:119 Resp: 766893
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 24.1 11.9 35.9

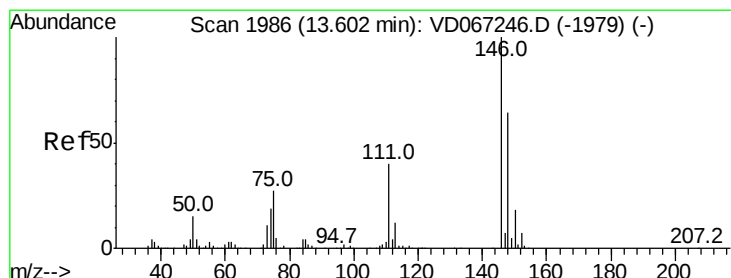
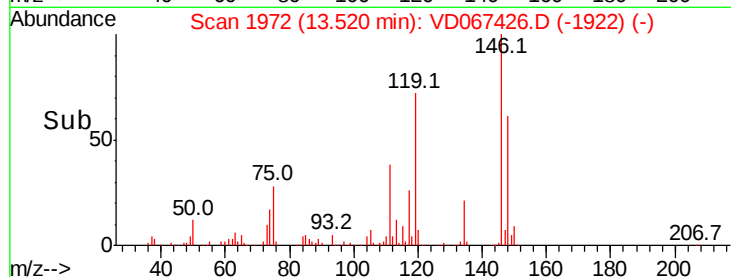
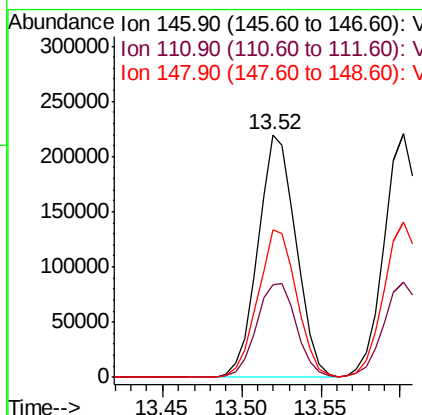
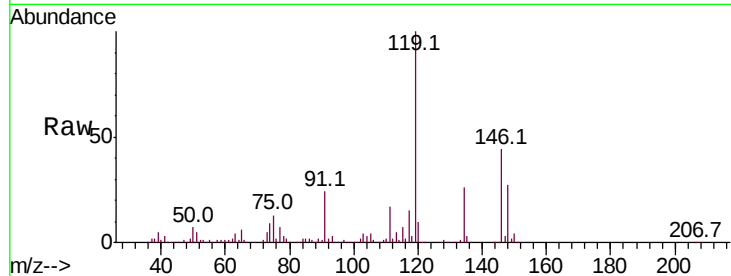




#87
 1,3-Dichlorobenzene
 Concen: 52.437 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067426.D
 Acq: 28 Oct 2020 11:32

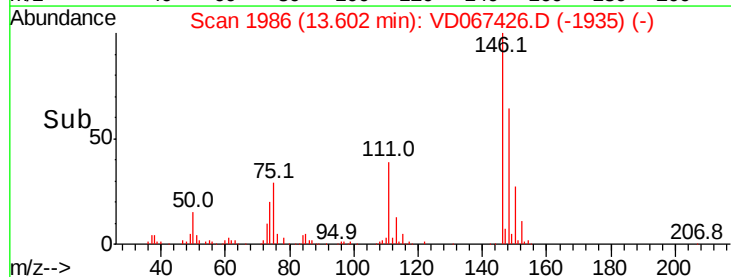
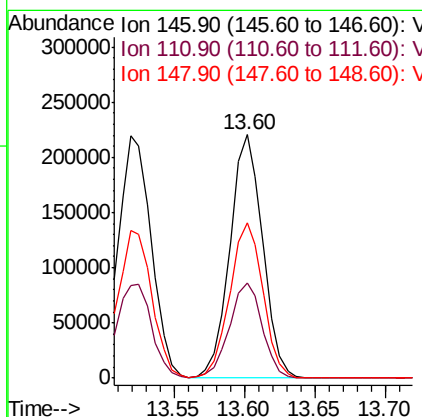
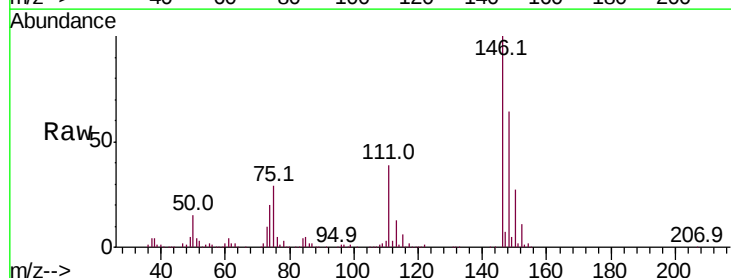
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

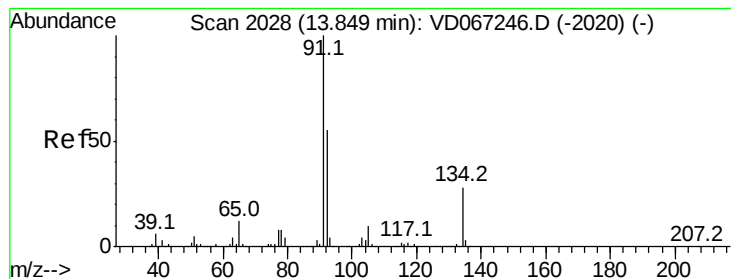
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	21.1	63.3
148	62.3	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 51.458 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD067426.D
 Acq: 28 Oct 2020 11:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.7
148	64.6	31.9	95.9





#89

n-Butylbenzene

Concen: 55.620 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. -0.00 min

Lab File: VD067426.D

Acq: 28 Oct 2020 11:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

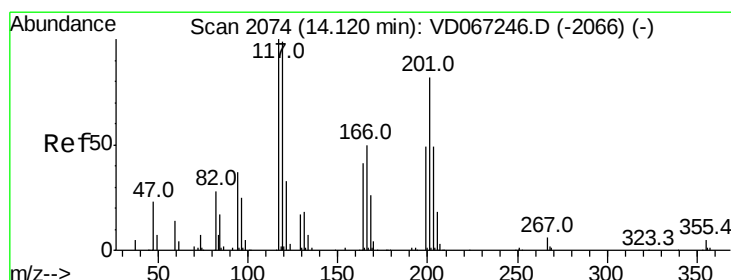
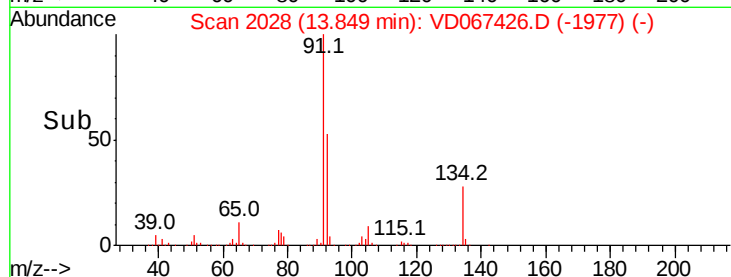
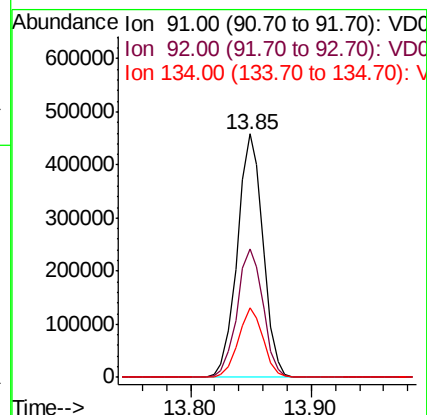
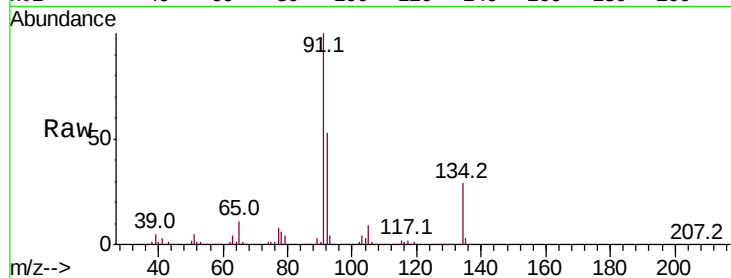
Tot Ion: 91 Resp: 676593

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.0

134 27.8 14.2 42.6



#90

Hexachloroethane

Concen: 53.085 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VD067426.D

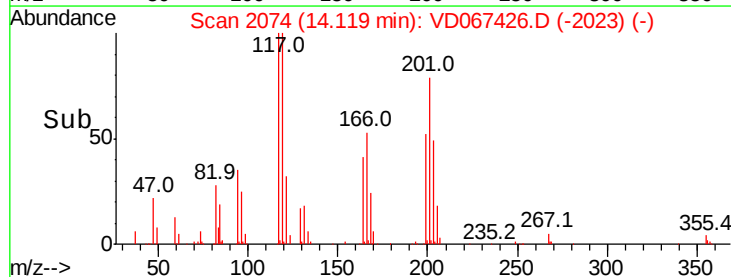
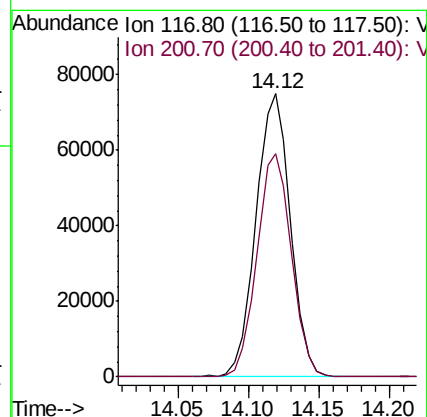
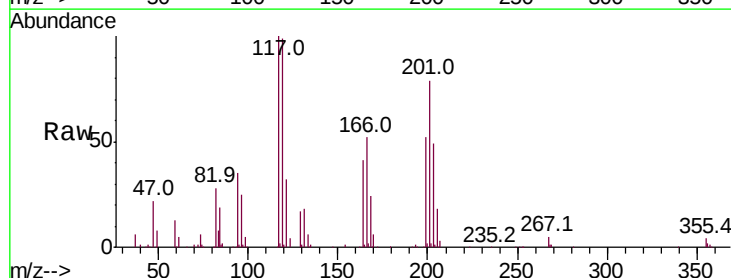
Acq: 28 Oct 2020 11:32

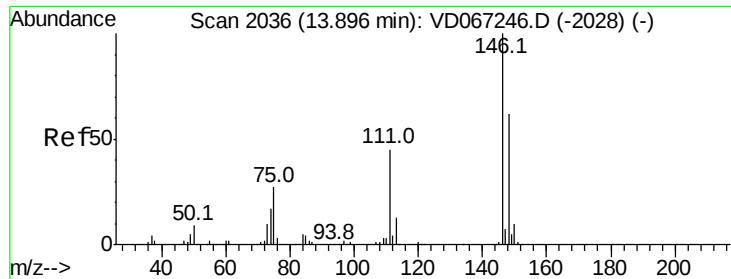
Tgt Ion: 117 Resp: 128092

Ion Ratio Lower Upper

117 100

201 79.1 40.8 122.2

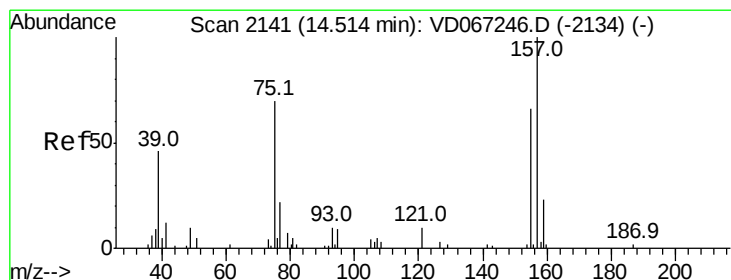
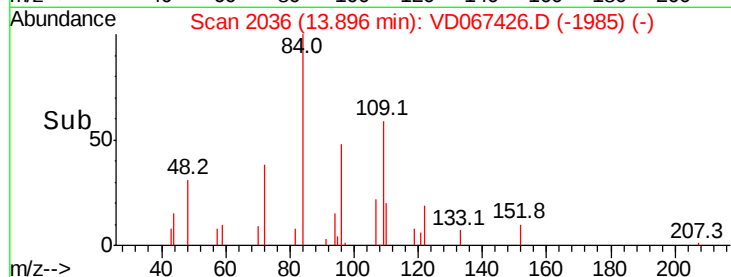
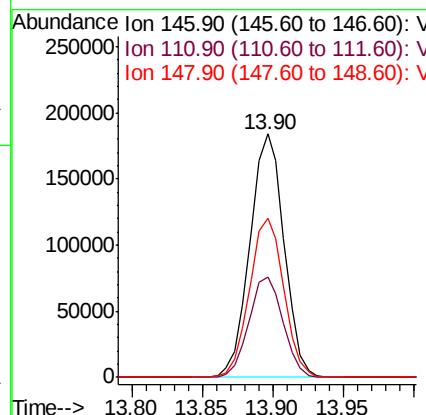
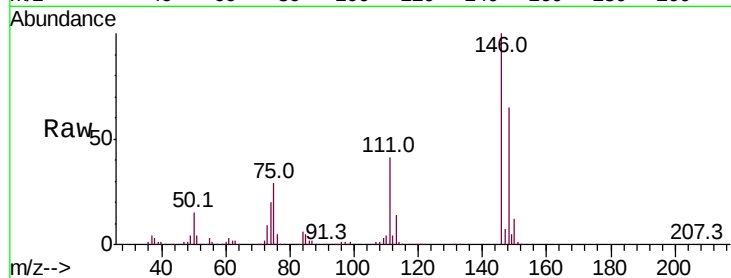




#91
 1,2-Dichlorobenzene
 Concen: 51.231 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD067426.D
 Acq: 28 Oct 2020 11:32

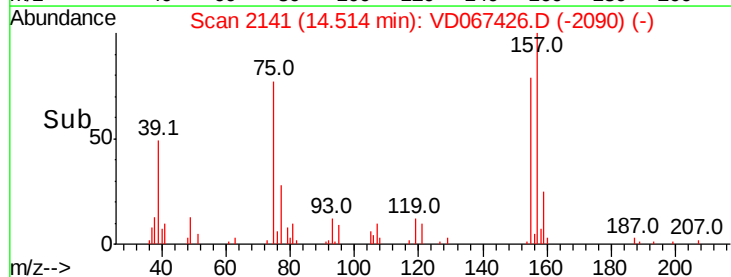
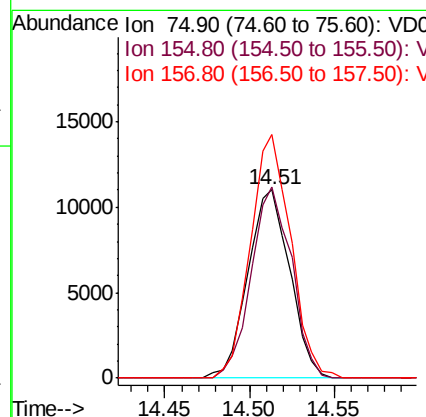
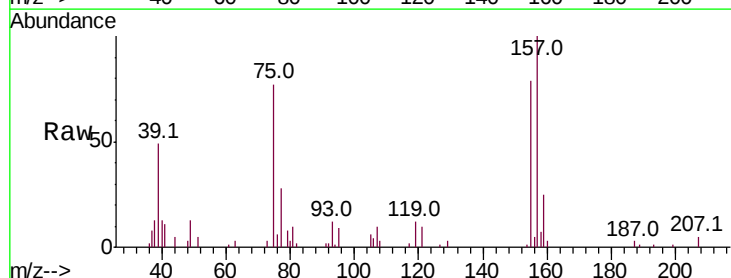
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

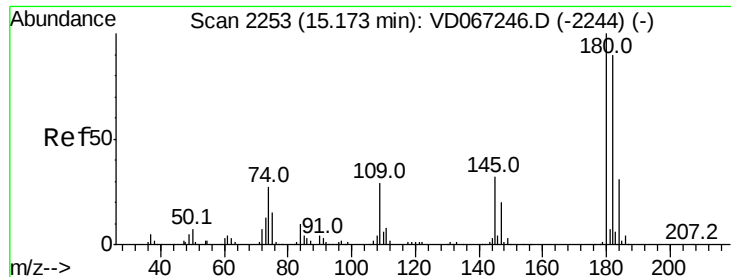
Tot Ion:146 Resp: 312365
 Ion Ratio Lower Upper
 146 100
 111 41.1 22.0 66.0
 148 65.8 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.889 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD067426.D
 Acq: 28 Oct 2020 11:32

Tgt Ion: 75 Resp: 18984
 Ion Ratio Lower Upper
 75 100
 155 97.7 44.8 134.4
 157 124.5 62.5 187.4

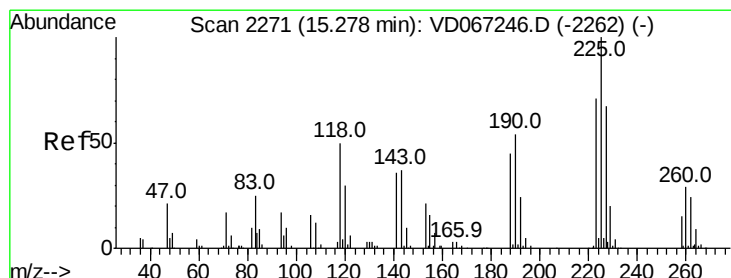
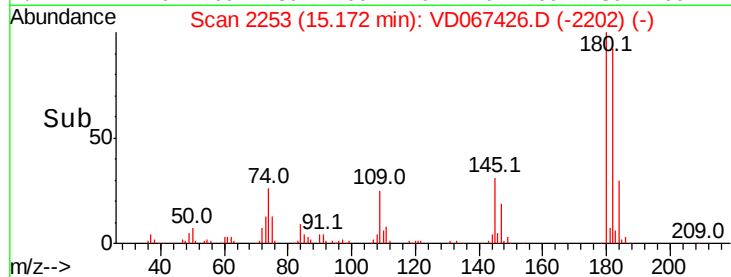
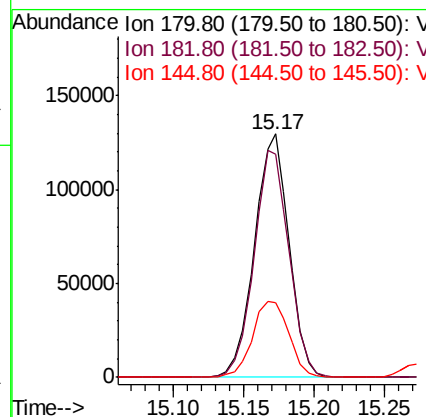
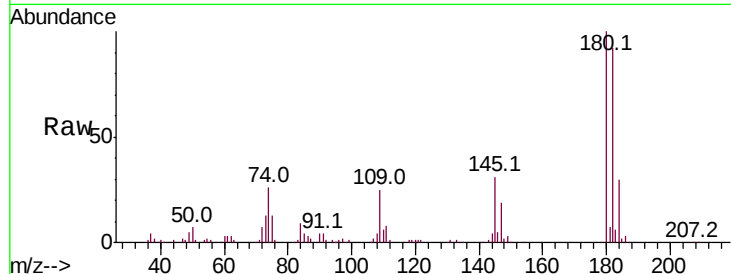




#93
 1,2,4-Trichlorobenzene
 Concen: 54.132 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD067426.D
 Acq: 28 Oct 2020 11:32

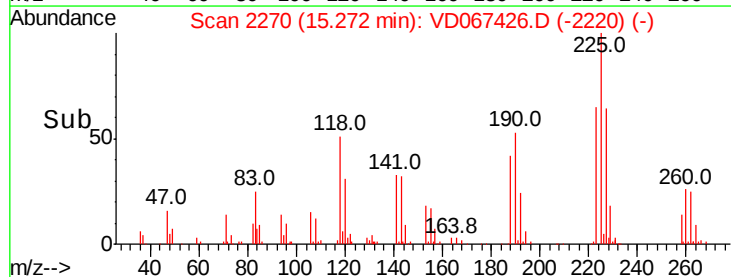
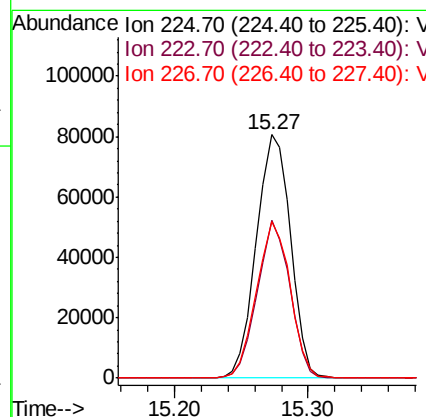
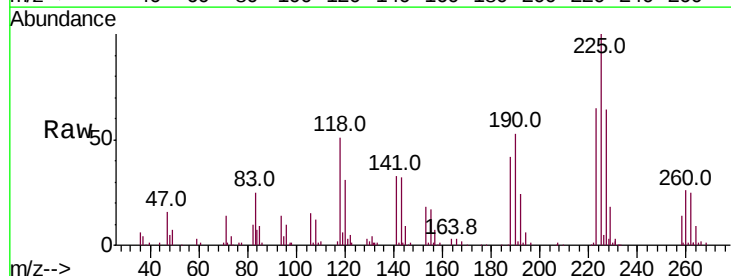
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

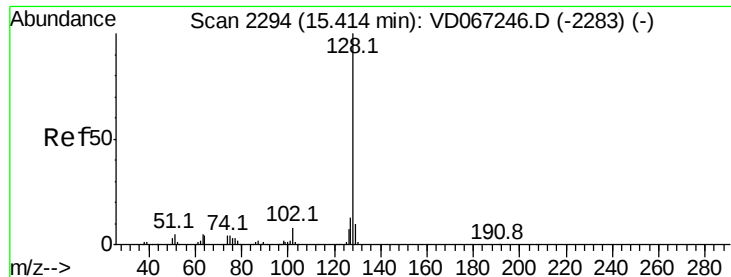
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.1	144.4
145	32.9	16.3	48.9



#94
 Hexachlorobutadiene
 Concen: 55.956 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067426.D
 Acq: 28 Oct 2020 11:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.9	95.7
227	63.4	31.2	93.6

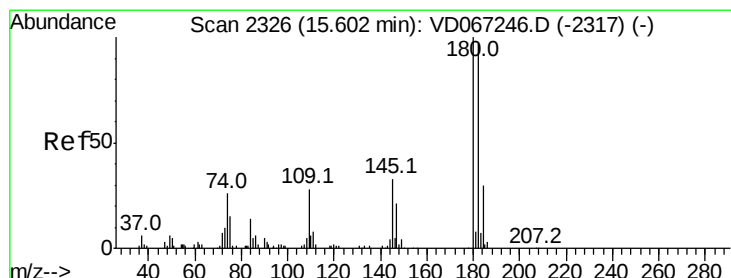
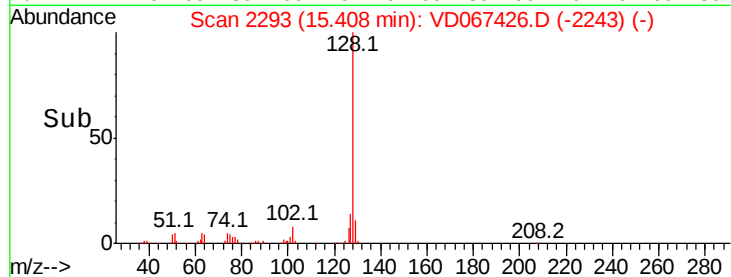
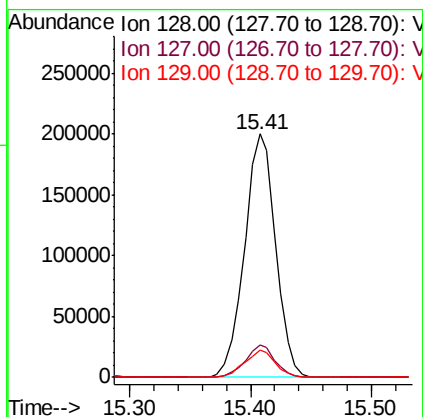
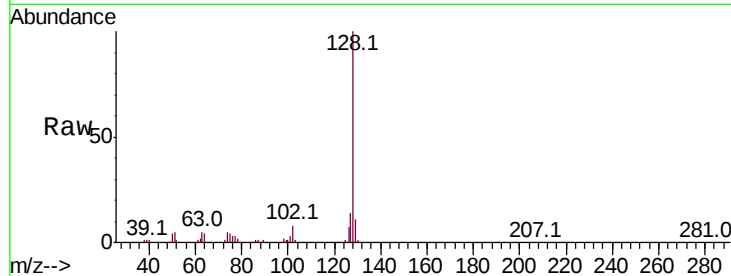




#95
Naphthalene
Concen: 53.266 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 359513
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 54.020 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD067426.D
Acq: 28 Oct 2020 11:32

Tgt Ion:180 Resp: 191848
Ion Ratio Lower Upper
180 100
182 96.0 48.1 144.3
145 33.8 17.3 51.9

