

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120820\
 Data File : VD067904.D
 Acq On : 08 Dec 2020 09:48
 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: Dec 09 04:25:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	212527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	293411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	266971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	140104	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		8.33	65	113142	49.59	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.18%	
35) Dibromofluoromethane		7.92	113	101260	51.58	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.16%	
50) Toluene-d8		10.34	98	365590	51.73	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.46%	
62) 4-Bromofluorobenzene		12.64	95	130633	53.46	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	94703	51.203	ug/l	94
3) Chloromethane	2.21	50	51010	47.788	ug/l	99
4) Vinyl Chloride	2.36	62	68914	51.263	ug/l	95
5) Bromomethane	2.77	94	66153	55.123	ug/l	97
6) Chloroethane	2.93	64	43824	50.069	ug/l	98
7) Trichlorofluoromethane	3.28	101	206808	50.273	ug/l	99
8) Diethyl Ether	3.71	74	35847	44.709	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	92947	49.550	ug/l	98
10) Methyl Iodide	4.30	142	94127	47.341	ug/l	99
11) Tert butyl alcohol	5.21	59	27516	229.961	ug/l #	82
12) 1,1-Dichloroethene	4.07	96	85479	48.537	ug/l	95
13) Acrolein	3.93	56	17066	194.645	ug/l	96
14) Allyl chloride	4.71	41	79418	48.747	ug/l	94
15) Acrylonitrile	5.42	53	67154	241.550	ug/l	99
16) Acetone	4.15	43	74077	262.748	ug/l	91
17) Carbon Disulfide	4.41	76	230126	46.802	ug/l	96
18) Methyl Acetate	4.72	43	24298	45.863	ug/l	93
19) Methyl tert-butyl Ether	5.47	73	189643	50.289	ug/l	99
20) Methylene Chloride	4.97	84	92252	50.560	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	99413	49.607	ug/l	97
22) Diisopropyl ether	6.36	45	161609	49.320	ug/l	96
23) Vinyl Acetate	6.31	43	471329	258.559	ug/l	97
24) 1,1-Dichloroethane	6.27	63	140873	49.044	ug/l	100
25) 2-Butanone	7.21	43	69250	233.529	ug/l	99
26) 2,2-Dichloropropane	7.21	77	176523	51.536	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	107234	48.922	ug/l	97
28) Bromochloromethane	7.55	49	44749	49.068	ug/l #	99
29) Tetrahydrofuran	7.56	42	38662	228.981	ug/l	96
30) Chloroform	7.71	83	187431	48.828	ug/l	98
31) Cyclohexane	7.98	56	106655	44.370	ug/l #	91
32) 1,1,1-Trichloroethane	7.90	97	203894	50.318	ug/l	99
36) 1,1-Dichloropropene	8.11	75	132755	52.265	ug/l	99
37) Ethyl Acetate	7.29	43	33119	48.379	ug/l #	82
38) Carbon Tetrachloride	8.10	117	204456	53.200	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120820\
 Data File : VD067904.D
 Acq On : 08 Dec 2020 09:48
 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: Dec 09 04:25:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	151754	50.415	ug/l	98
40) Benzene	8.36	78	352231	50.679	ug/l	100
41) Methacrylonitrile	7.56	41	46991	153.843	ug/l #	28
42) 1,2-Dichloroethane	8.43	62	129289	52.193	ug/l	99
43) Isopropyl Acetate	8.46	43	67408	50.044	ug/l	100
44) Trichloroethene	9.11	130	119417	49.974	ug/l	99
45) 1,2-Dichloropropane	9.39	63	70804	49.635	ug/l	94
46) Dibromomethane	9.48	93	49994	50.407	ug/l	98
47) Bromodichloromethane	9.67	83	146200	51.706	ug/l	98
48) Methyl methacrylate	9.46	41	33997	49.705	ug/l	98
49) 1,4-Dioxane	9.47	88	10644	939.207	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	157502	247.057	ug/l	99
52) Toluene	10.41	92	246459	50.719	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	127092	52.077	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	139319	52.482	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	63686	46.921	ug/l	98
56) Ethyl methacrylate	10.67	69	69205	50.113	ug/l	97
57) 1,3-Dichloropropane	10.96	76	106017	49.309	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	172449	274.426	ug/l	99
59) 2-Hexanone	10.99	43	119376	265.627	ug/l	98
60) Dibromochloromethane	11.14	129	105018	51.328	ug/l	98
61) 1,2-Dibromoethane	11.25	107	63966	47.923	ug/l	97
64) Tetrachloroethene	10.88	164	107716	49.465	ug/l	96
65) Chlorobenzene	11.67	112	280978	51.007	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	117263	52.192	ug/l	95
67) Ethyl Benzene	11.75	91	493345	52.573	ug/l	99
68) m/p-Xylenes	11.86	106	382302	103.320	ug/l	100
69) o-Xylene	12.18	106	176699	53.791	ug/l	98
70) Styrene	12.20	104	301064	52.707	ug/l	99
71) Bromoform	12.37	173	62251	52.342	ug/l #	97
73) Isopropylbenzene	12.48	105	495351	51.412	ug/l	99
74) N-amyl acetate	12.29	43	58138	48.782	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	59919	47.105	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	91317	89.502	ug/l	26
77) Bromobenzene	12.77	156	124030	51.780	ug/l	98
78) n-propylbenzene	12.83	91	544665	51.004	ug/l	99
79) 2-Chlorotoluene	12.91	91	321480	51.172	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	431867	51.771	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	19632	46.028	ug/l	91
82) 4-Chlorotoluene	13.01	91	331791	49.510	ug/l	100
83) tert-Butylbenzene	13.23	119	367482	51.768	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	426169	51.375	ug/l	99
85) sec-Butylbenzene	13.41	105	480703	50.736	ug/l	99
86) p-Isopropyltoluene	13.52	119	471024	50.726	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	224141	48.509	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	227635	49.244	ug/l	99
89) n-Butylbenzene	13.85	91	389108	50.438	ug/l	98
90) Hexachloroethane	14.12	117	84868	49.504	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	196057	48.924	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12488	47.040	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120820\
Data File : VD067904.D
Acq On : 08 Dec 2020 09:48
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: Dec 09 04:25:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 02 08:05:58 2020
Response via : Initial Calibration

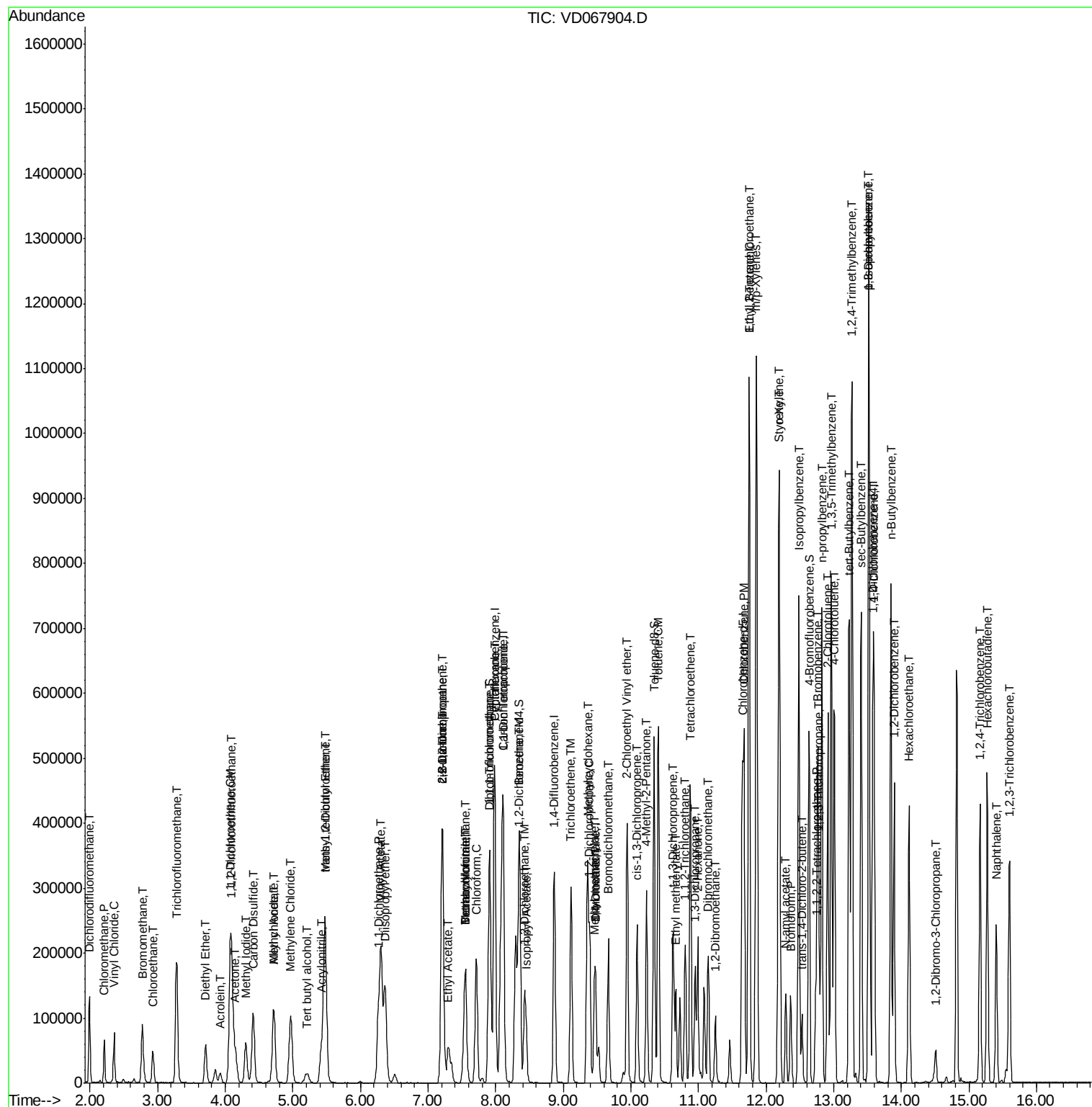
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	141004	50.302	ug/l	99
94) Hexachlorobutadiene	15.27	225	93862	51.314	ug/l	98
95) Naphthalene	15.41	128	227393	49.852	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	121687	50.268	ug/l	100

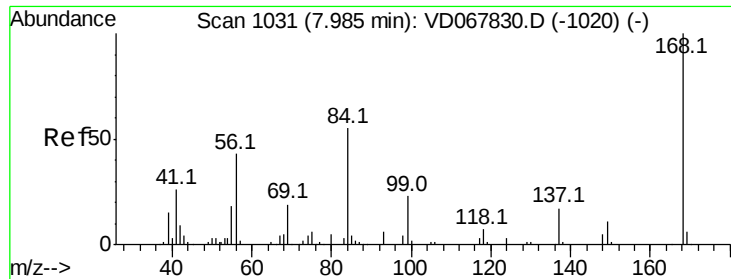
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120820\
 Data File : VD067904.D
 Acq On : 08 Dec 2020 09:48
 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: Dec 09 04:25:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

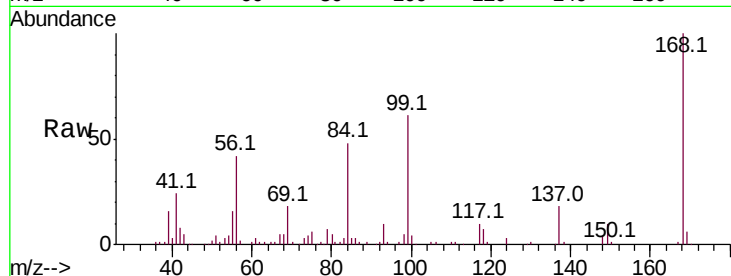
VSTDCCC050

Tot Ion:168 Resp: 212527

Ion Ratio Lower Upper

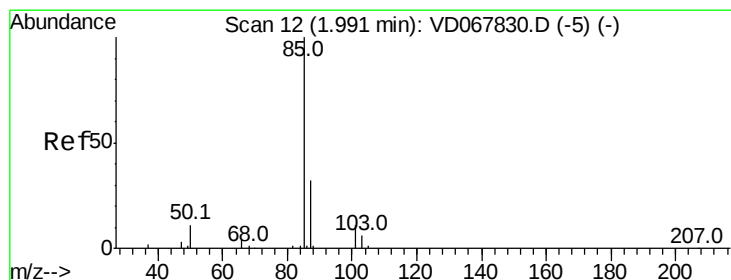
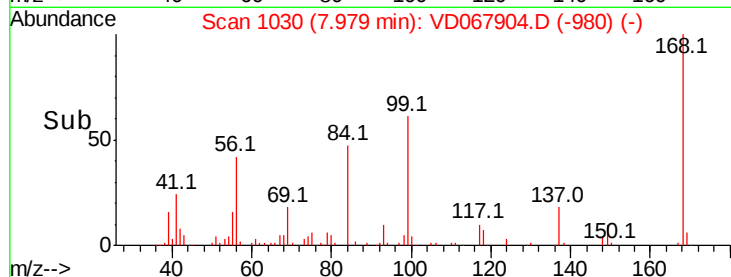
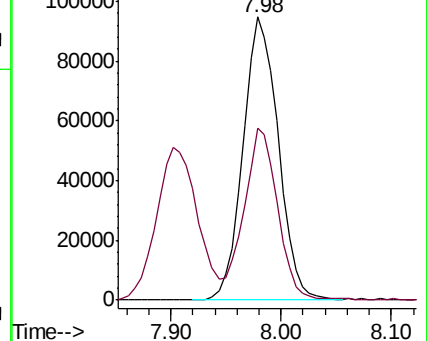
168 100

99 60.1 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 51.203 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD067904.D

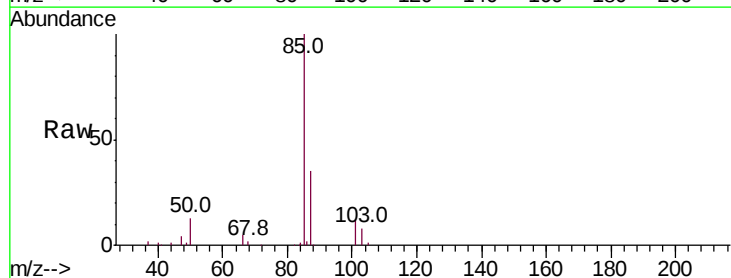
Acq: 08 Dec 2020 09:48

Tgt Ion: 85 Resp: 94703

Ion Ratio Lower Upper

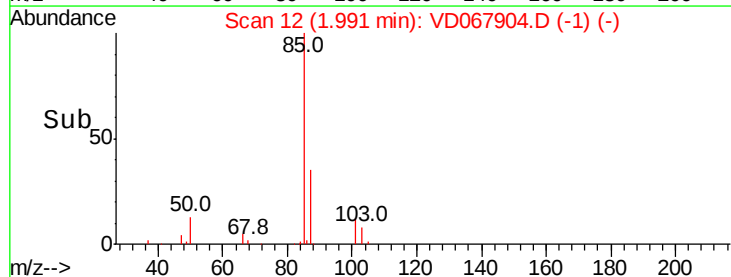
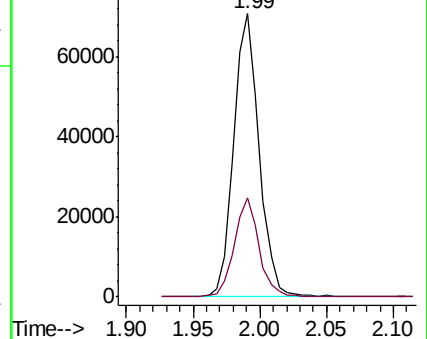
85 100

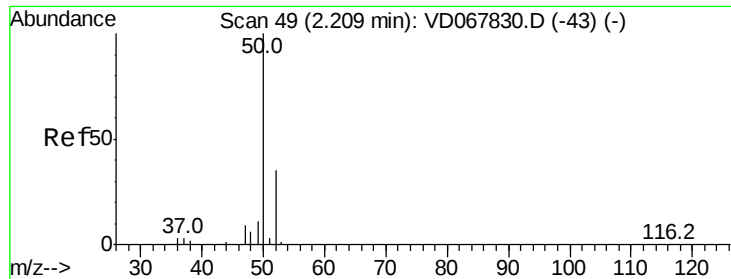
87 34.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 47.788 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

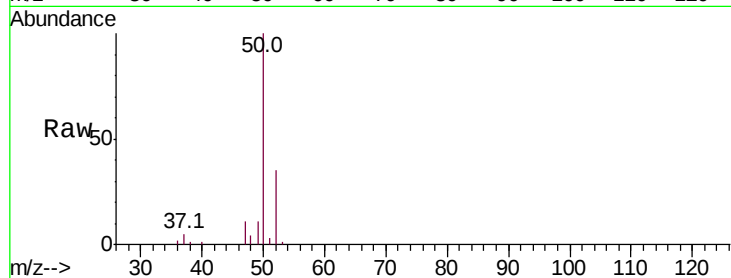
VSTDCCC050

Tot Ion: 50 Resp: 51010

Ion Ratio Lower Upper

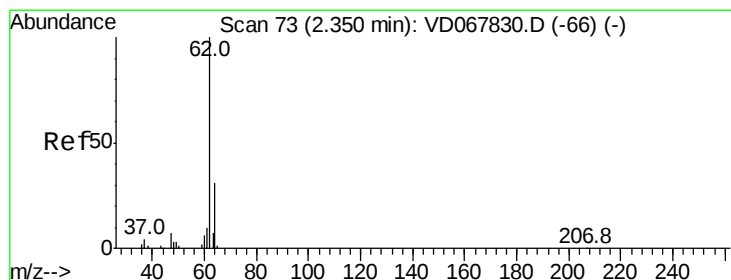
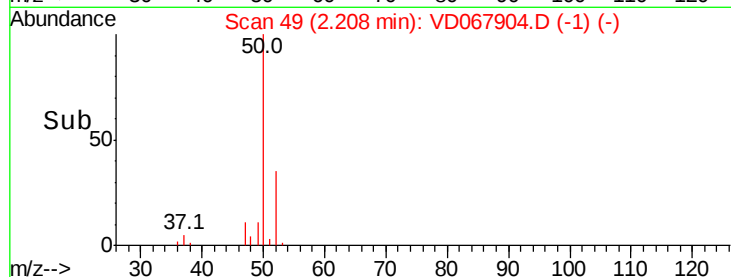
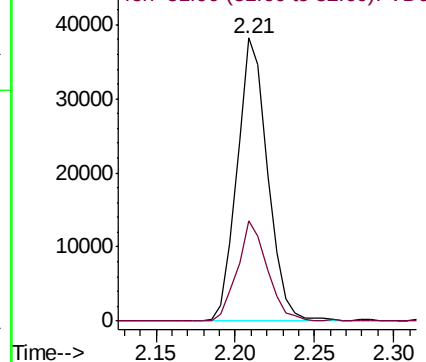
50 100

52 35.4 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 51.263 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD067904.D

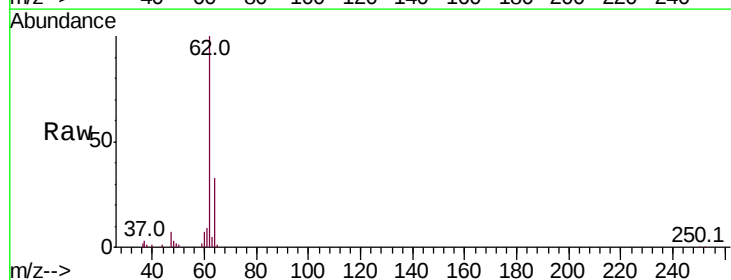
Acq: 08 Dec 2020 09:48

Tgt Ion: 62 Resp: 68914

Ion Ratio Lower Upper

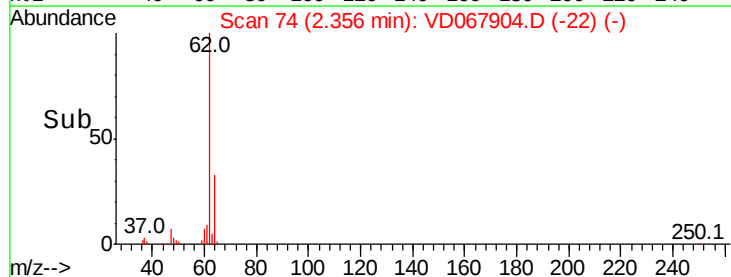
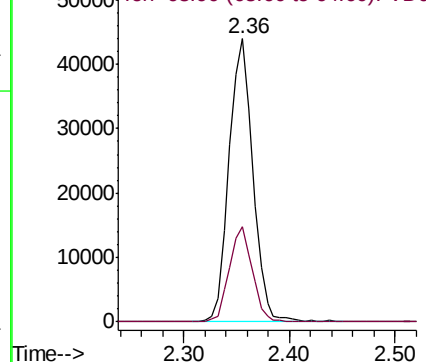
62 100

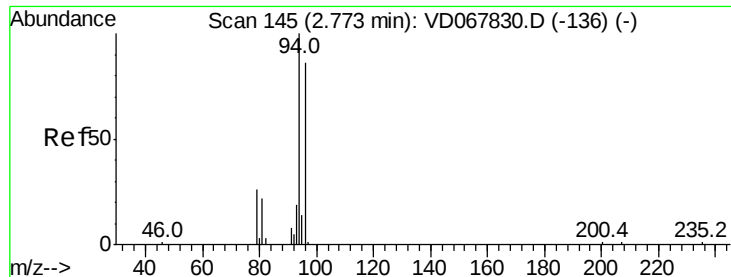
64 33.4 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 55.123 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

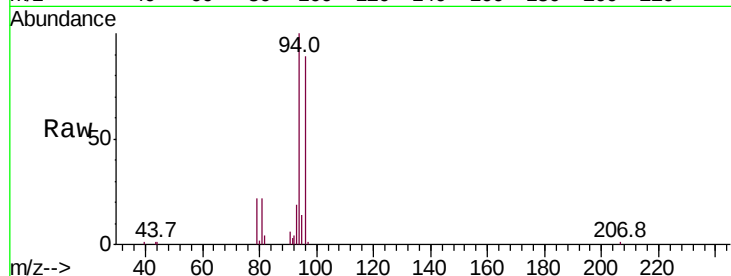
VSTDCCC050

Tot Ion: 94 Resp: 66153

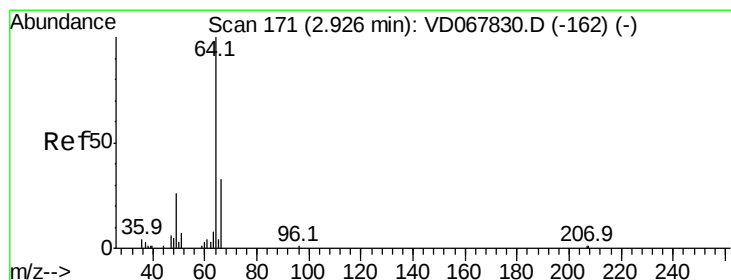
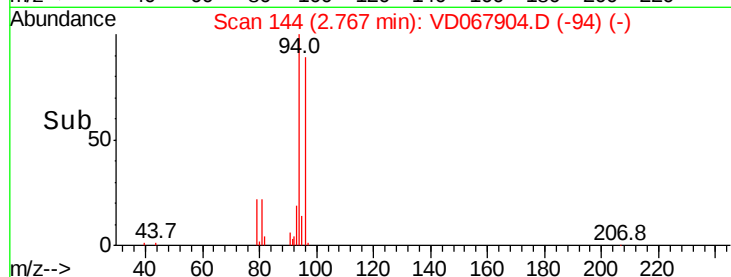
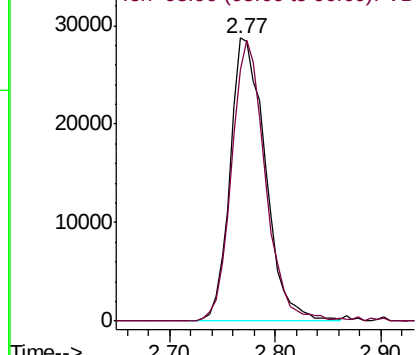
Ion Ratio Lower Upper

94 100

96 88.9 68.7 103.1



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 50.069 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD067904.D

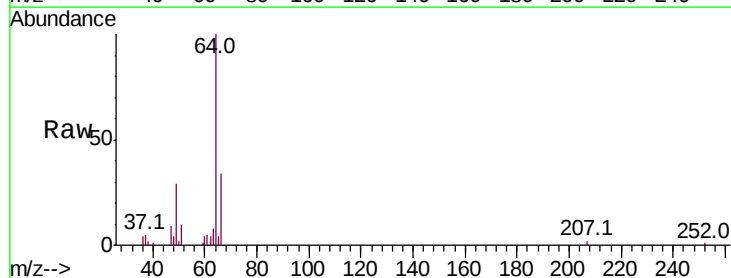
Acq: 08 Dec 2020 09:48

Tgt Ion: 64 Resp: 43824

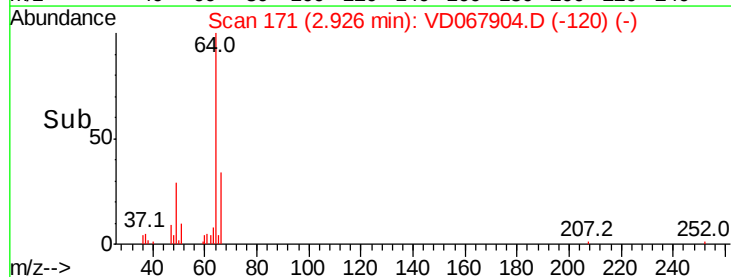
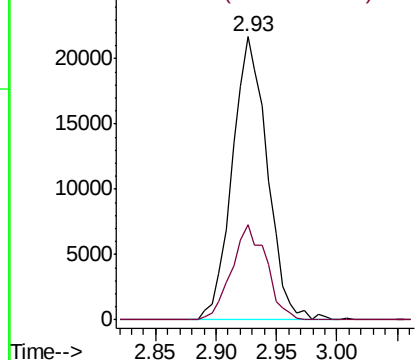
Ion Ratio Lower Upper

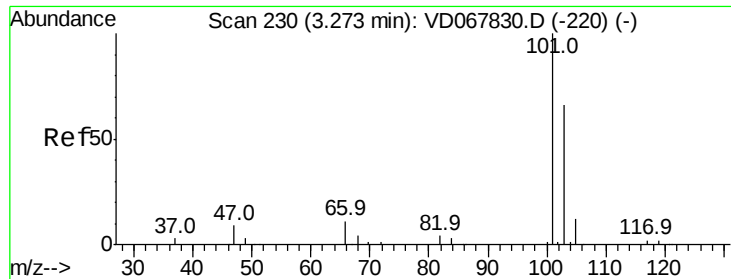
64 100

66 33.5 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VDC
Ion 65.90 (65.60 to 66.60): VDC



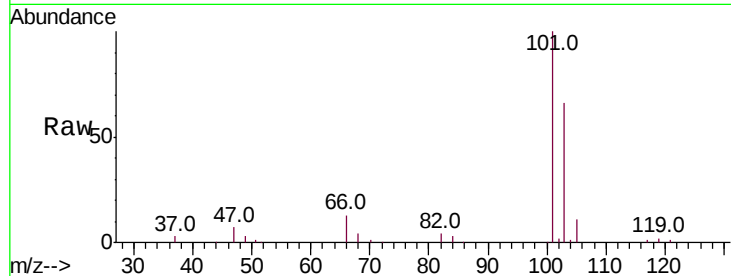


#7

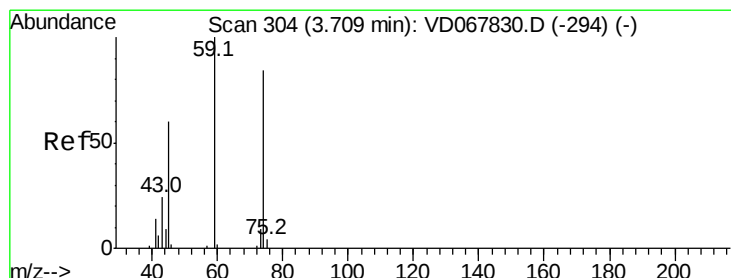
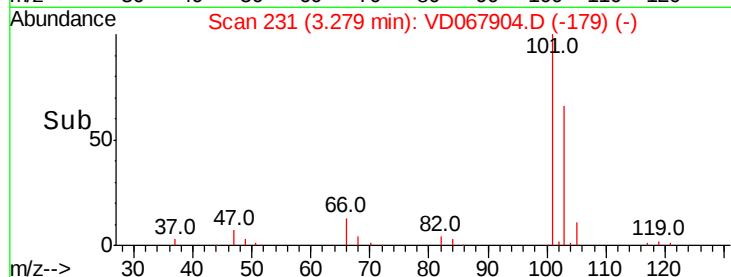
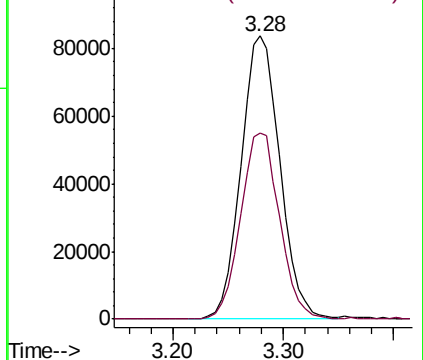
Trichlorofluoromethane
 Concen: 50.273 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD067904.D
 Acq: 08 Dec 2020 09:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 206808
 Ion Ratio Lower Upper
 101 100
 103 65.8 53.0 79.6



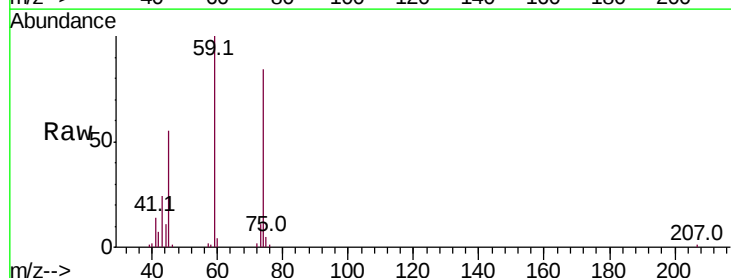
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



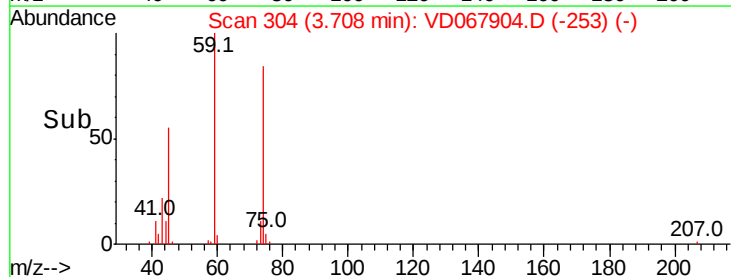
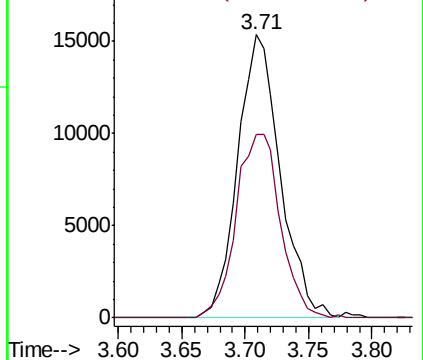
#8

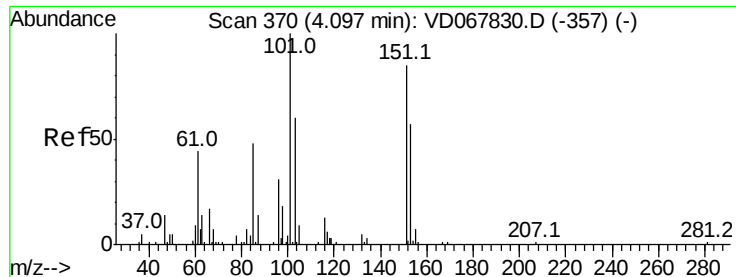
Diethyl Ether
 Concen: 44.709 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD067904.D
 Acq: 08 Dec 2020 09:48

Tgt Ion: 74 Resp: 35847
 Ion Ratio Lower Upper
 74 100
 45 67.4 33.9 101.7



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.550 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

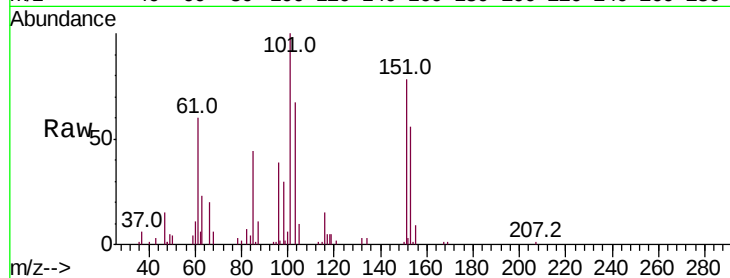
Tot Ion:101 Resp: 92947

Ion Ratio Lower Upper

101 100

85 45.1 36.2 54.4

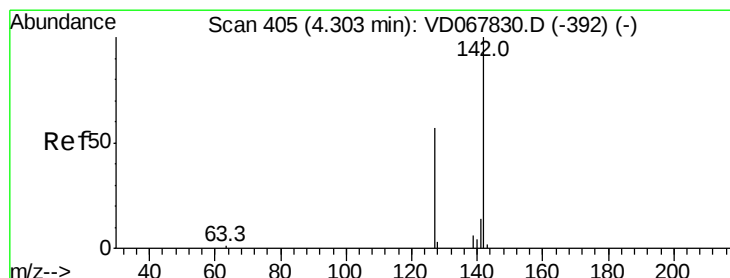
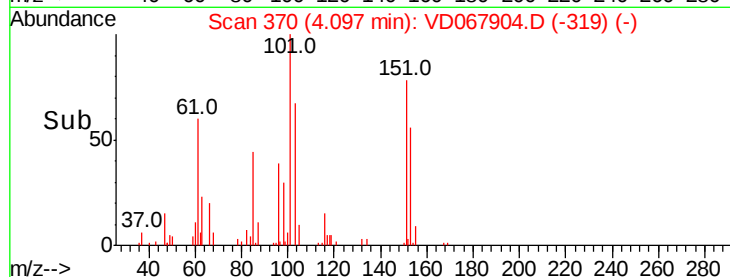
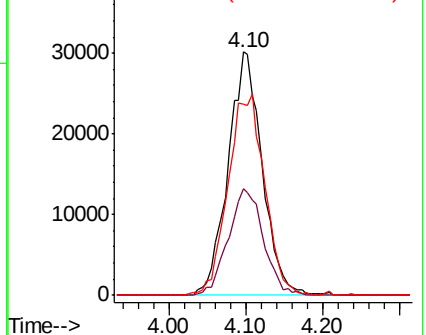
151 89.0 69.4 104.2



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: 47.341 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

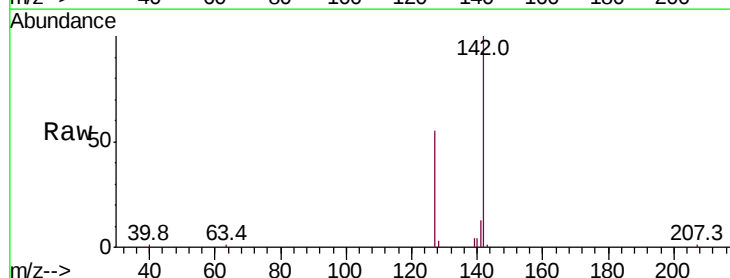
Tgt Ion:142 Resp: 94127

Ion Ratio Lower Upper

142 100

127 56.0 43.9 65.9

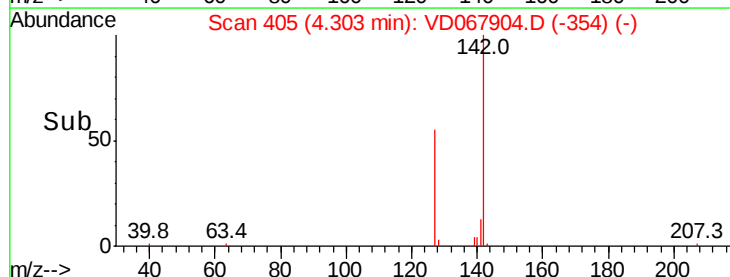
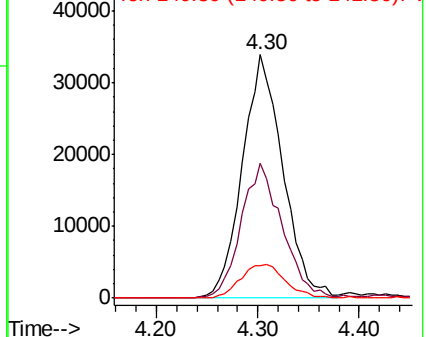
141 15.4 12.2 18.2

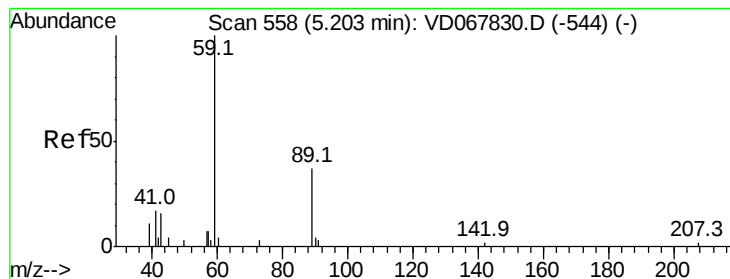


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



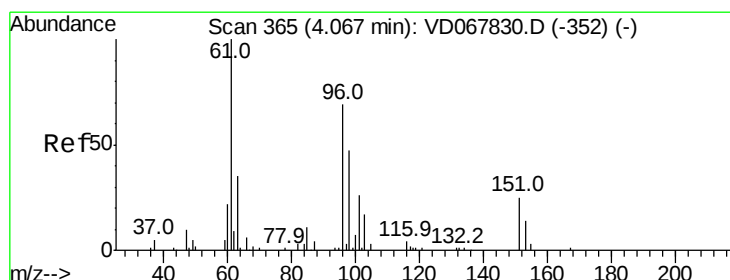
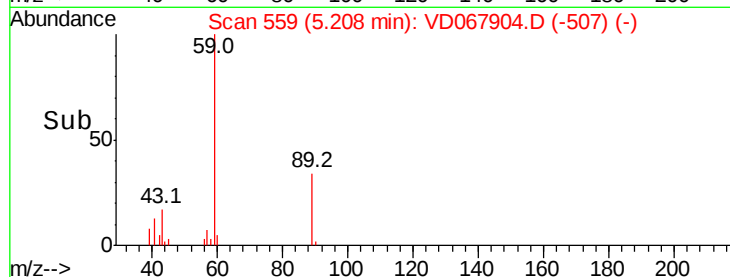
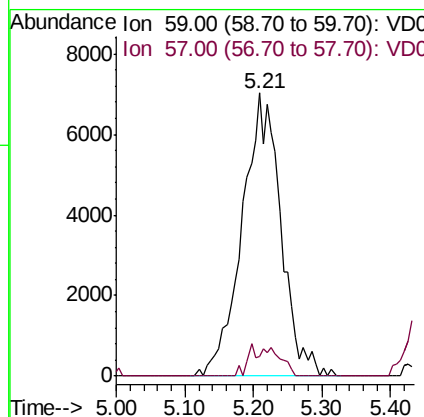
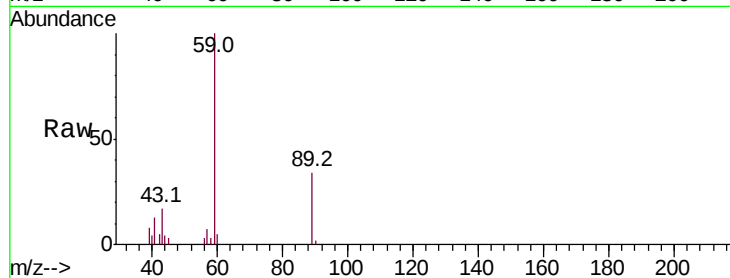


#11

Tert butyl alcohol
 Concen: 229.961 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD067904.D
 Acq: 08 Dec 2020 09:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

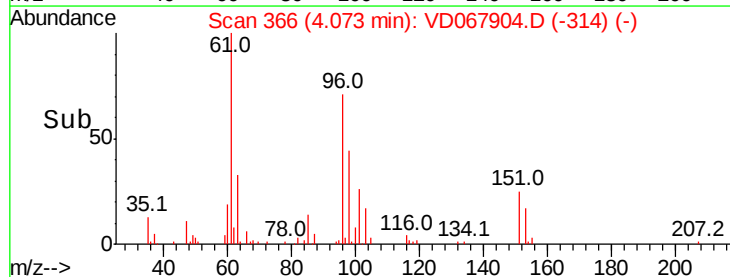
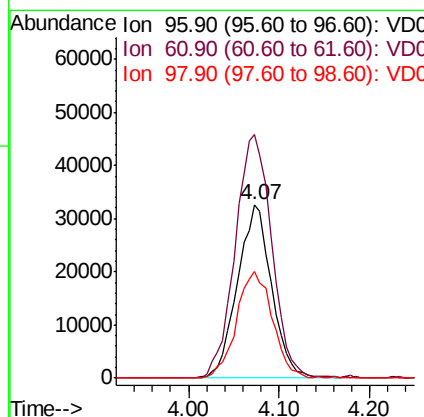
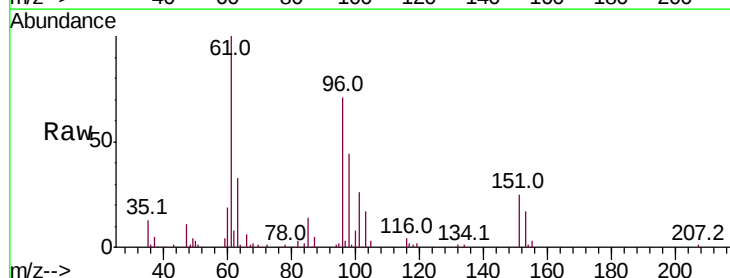
Tot Ion: 59 Resp: 27516
 Ion Ratio Lower Upper
 59 100
 57 3.1 7.7 11.5#

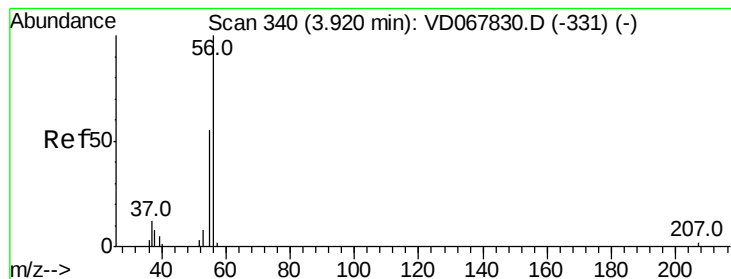


#12

1,1-Dichloroethene
 Concen: 48.537 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD067904.D
 Acq: 08 Dec 2020 09:48

Tgt Ion: 96 Resp: 85479
 Ion Ratio Lower Upper
 96 100
 61 140.2 116.1 174.1
 98 61.4 54.6 82.0





#13

Acrolein

Concen: 194.645 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

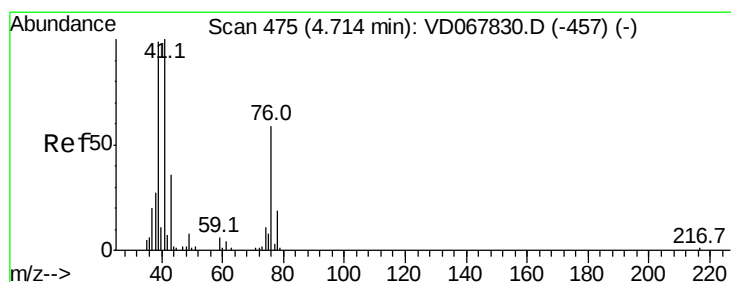
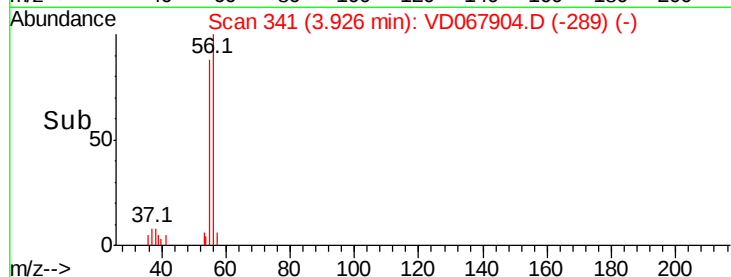
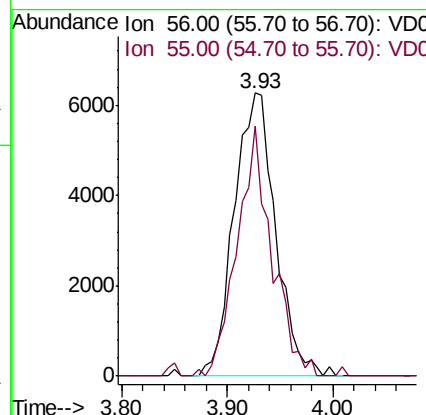
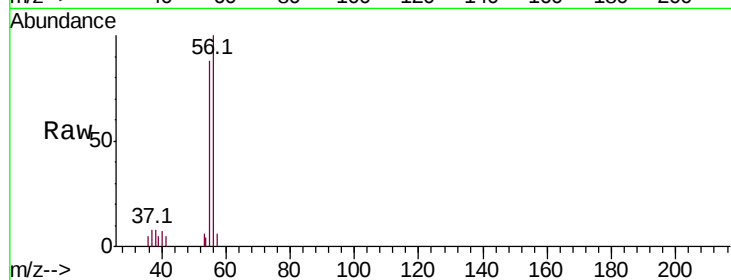
VSTDCCC050

Tot Ion: 56 Resp: 17066

Ion Ratio Lower Upper

56 100

55 73.7 56.5 84.7



#14

Allyl chloride

Concen: 48.747 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

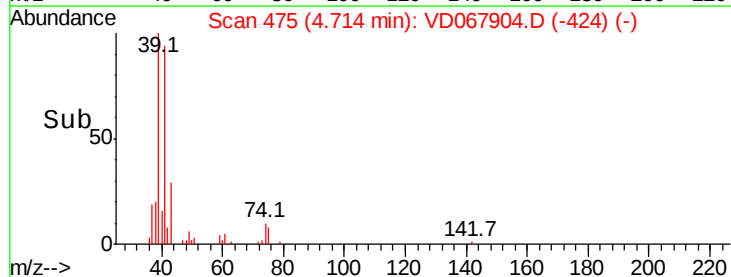
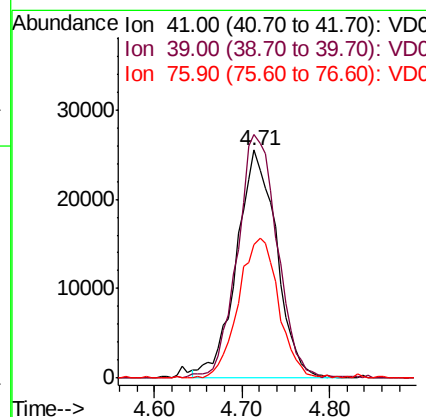
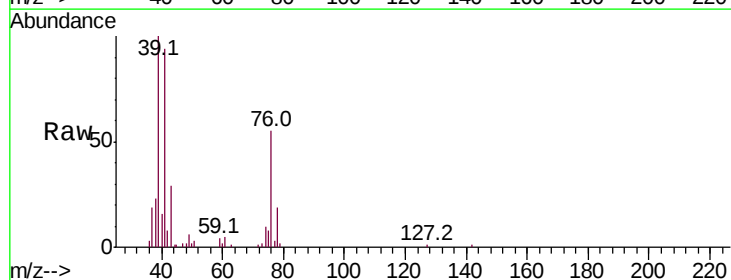
Tgt Ion: 41 Resp: 79418

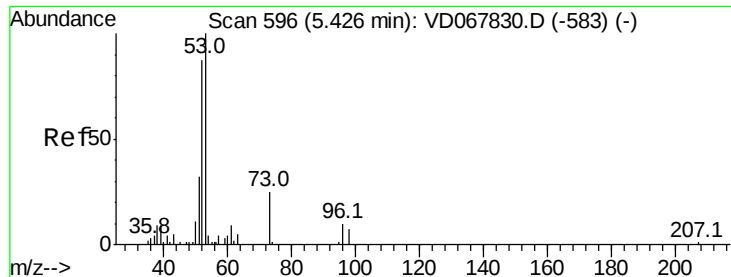
Ion Ratio Lower Upper

41 100

39 105.9 79.0 118.6

76 61.5 46.6 70.0





#15

Acrylonitrile

Concen: 241.550 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

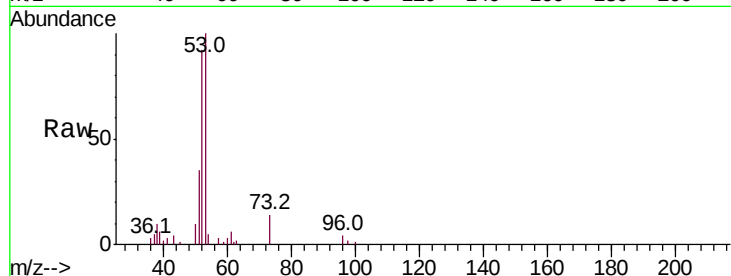
Tot Ion: 53 Resp: 67154

Ion Ratio Lower Upper

53 100

52 82.1 66.2 99.2

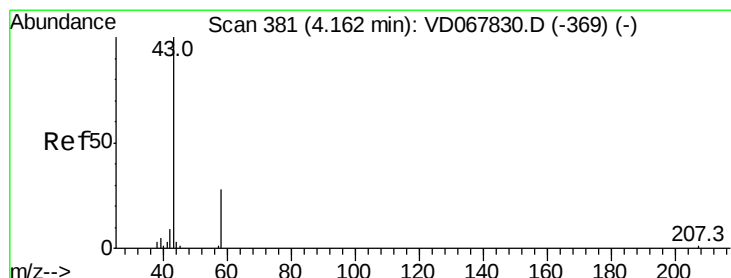
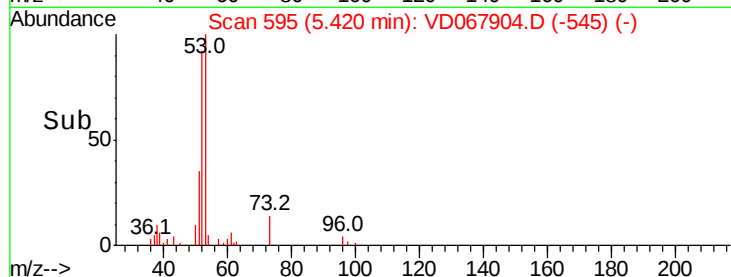
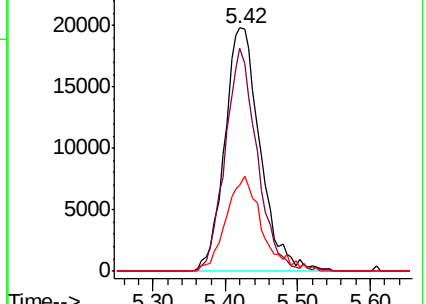
51 39.8 31.1 46.7



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 262.748 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067904.D

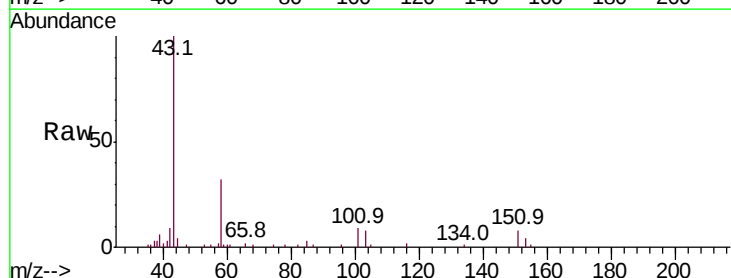
Acq: 08 Dec 2020 09:48

Tgt Ion: 43 Resp: 74077

Ion Ratio Lower Upper

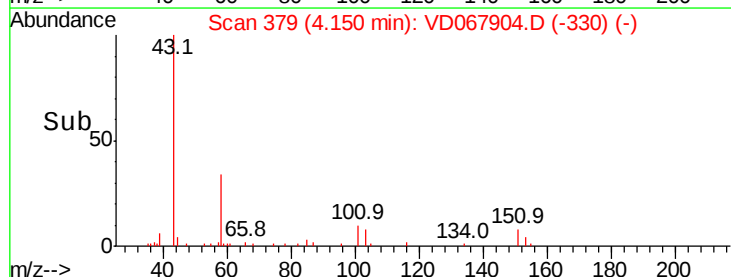
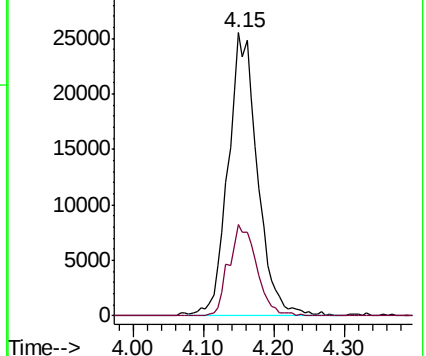
43 100

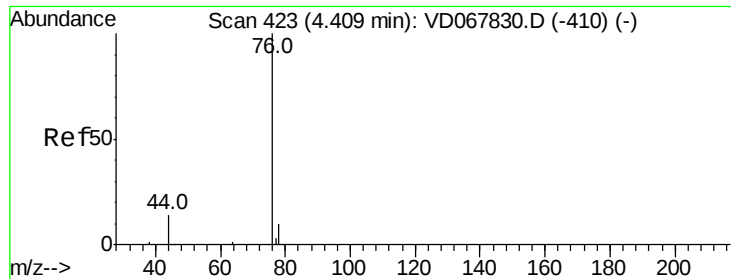
58 32.1 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

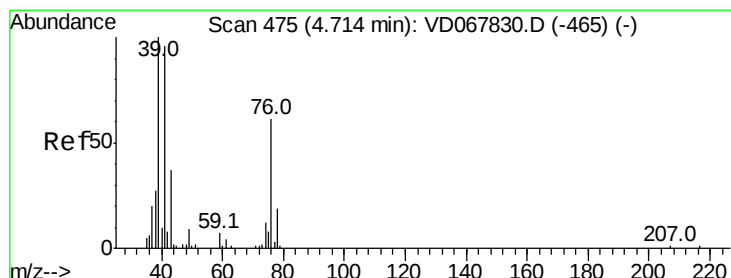
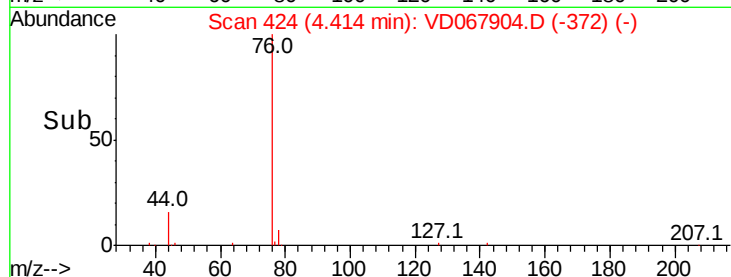
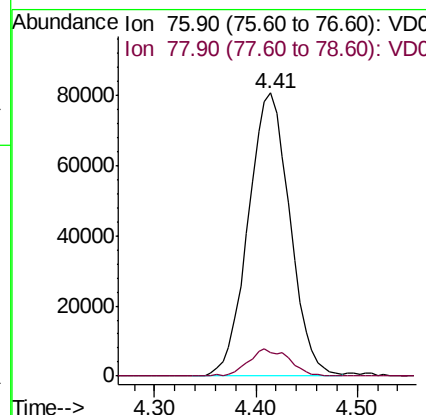
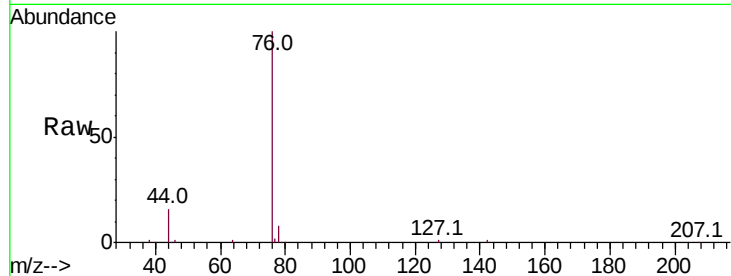




#17
Carbon Disulfide
Concen: 46.802 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

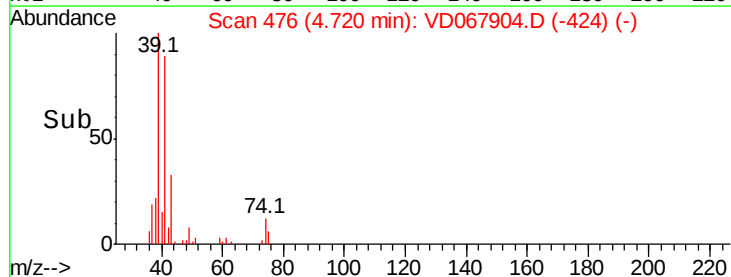
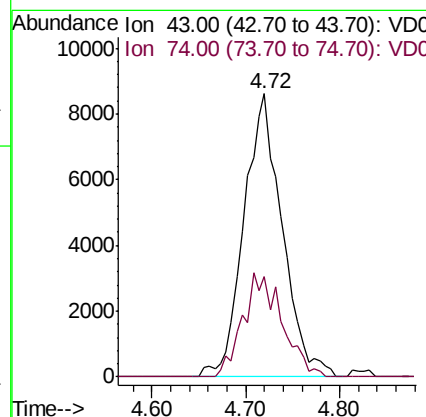
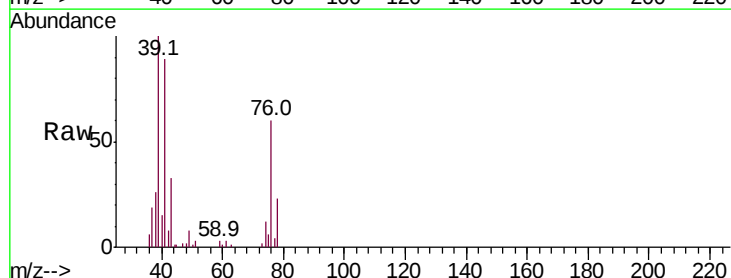
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

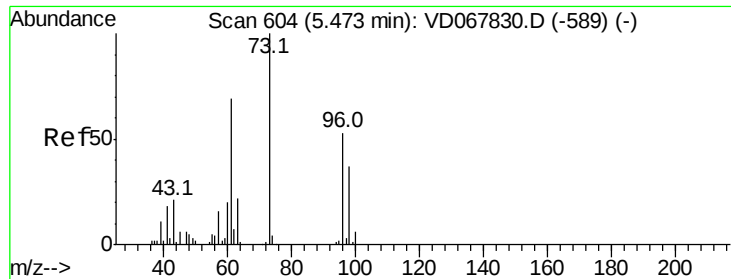
Tot Ion: 76 Resp: 230126
Ion Ratio Lower Upper
76 100
78 8.4 7.8 11.6



#18
Methyl Acetate
Concen: 45.863 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

Tgt Ion: 43 Resp: 24298
Ion Ratio Lower Upper
43 100
74 37.6 27.0 40.4

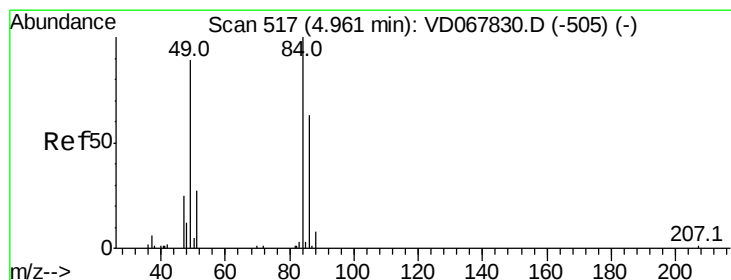
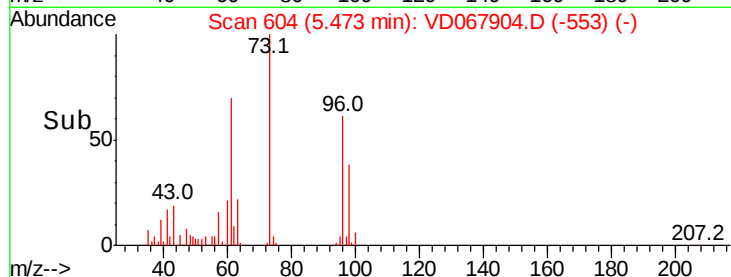
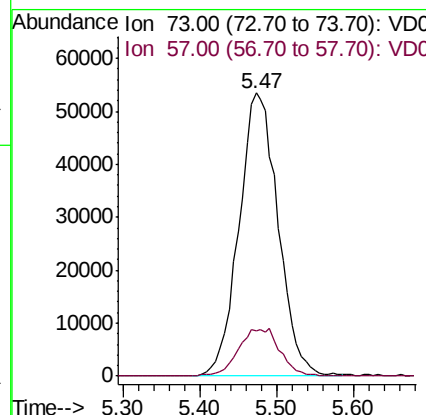
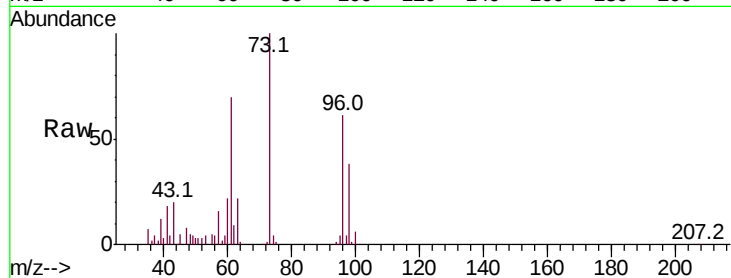




#19
Methvl tert-butvl Ether
Concen: 50.289 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

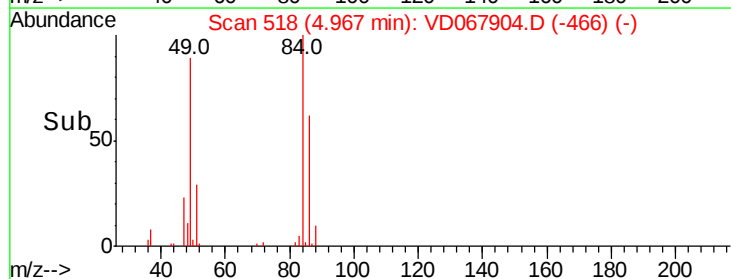
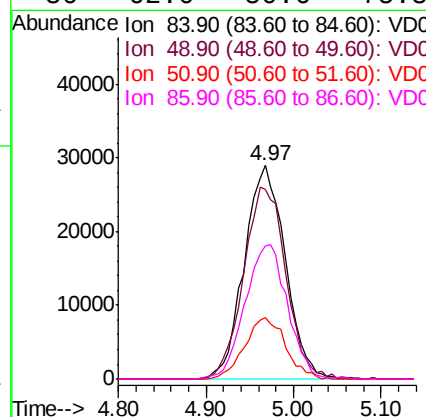
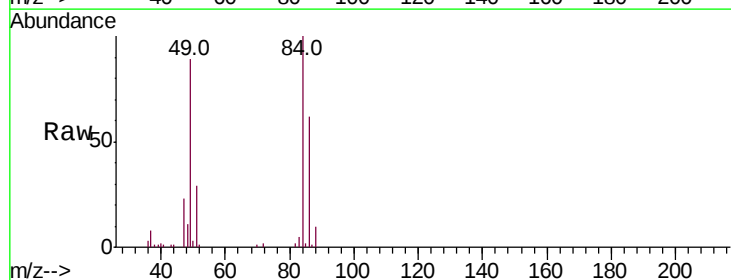
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

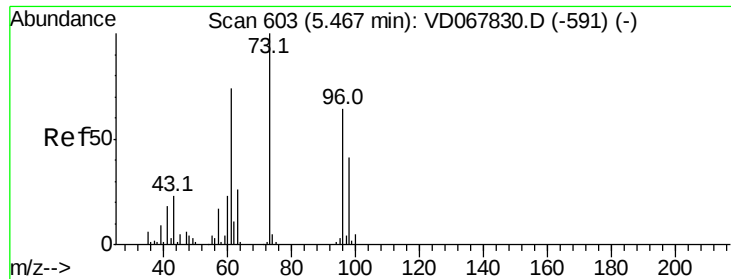
Tot Ion: 73 Resp: 189643
Ion Ratio Lower Upper
73 100
57 15.9 13.2 19.8



#20
Methylene Chloride
Concen: 50.560 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

Tgt Ion: 84 Resp: 92252
Ion Ratio Lower Upper
84 100
49 89.0 71.4 107.0
51 28.6 21.8 32.8
86 62.0 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 49.607 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

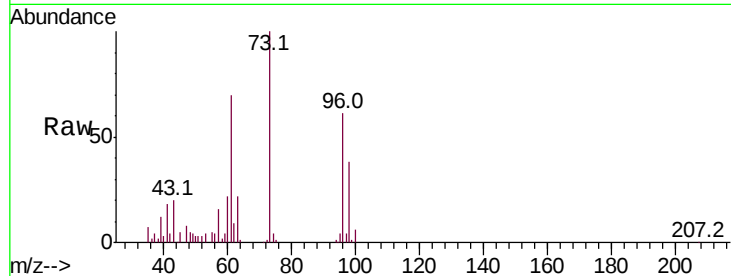
Tot Ion: 96 Resp: 99413

Ion Ratio Lower Upper

96 100

61 113.5 93.1 139.7

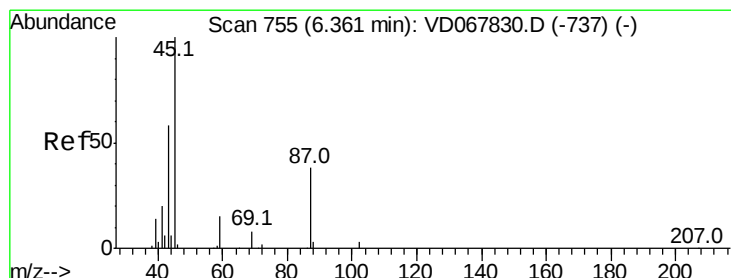
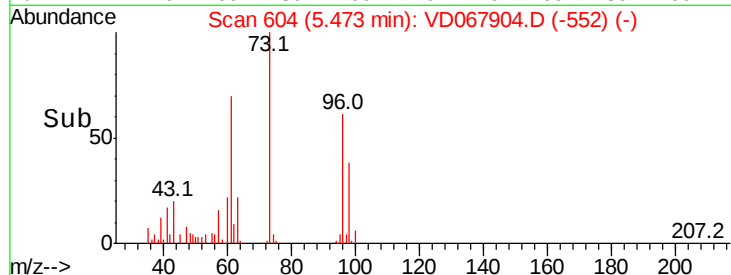
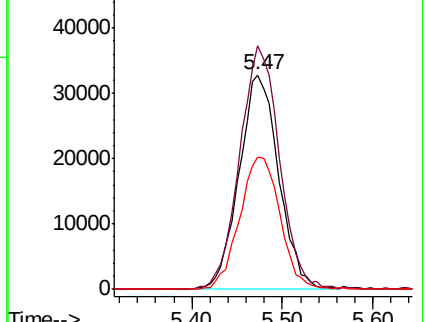
98 61.8 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 49.320 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Tgt Ion: 45 Resp: 161609

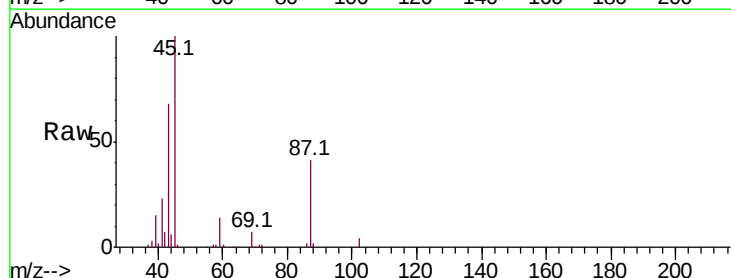
Ion Ratio Lower Upper

45 100

43 66.8 49.8 74.6

87 40.5 32.1 48.1

59 13.9 11.9 17.9

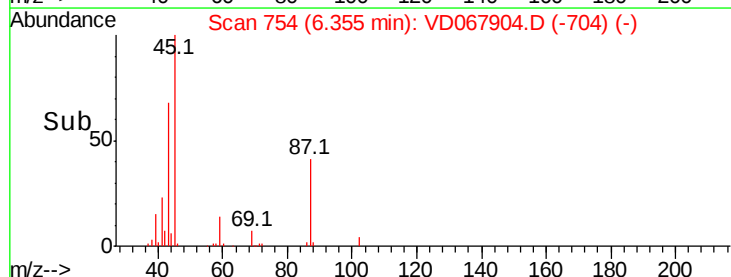
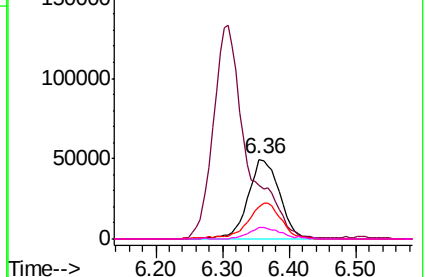


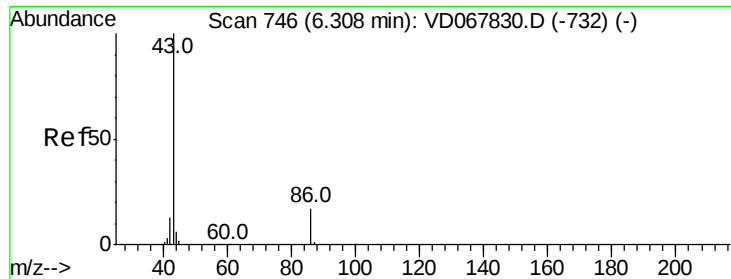
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 258.559 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

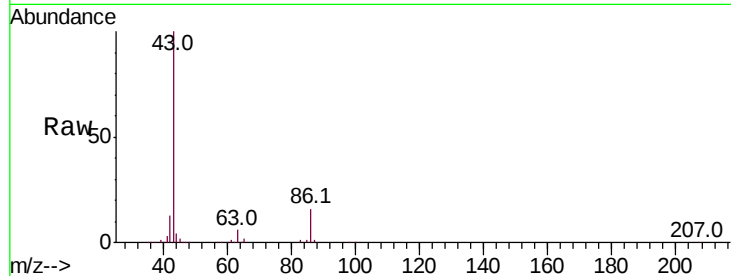
VSTDCCC050

Tot Ion: 43 Resp: 471329

Ion Ratio Lower Upper

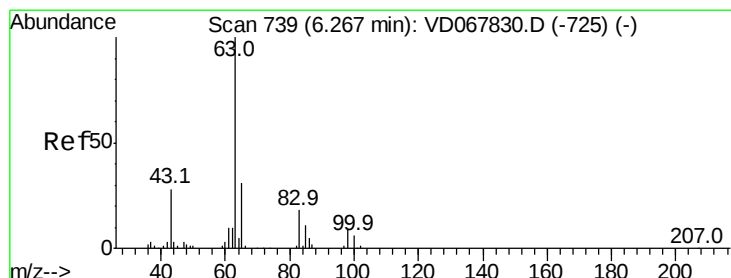
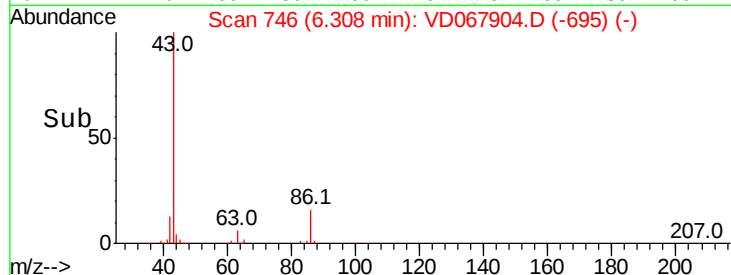
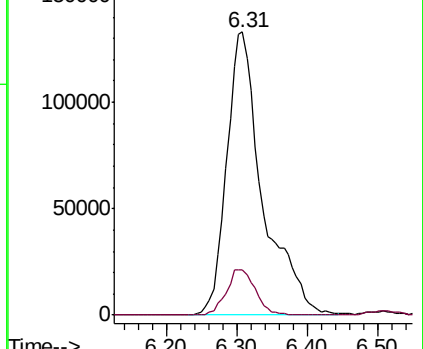
43 100

86 16.0 13.8 20.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.044 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

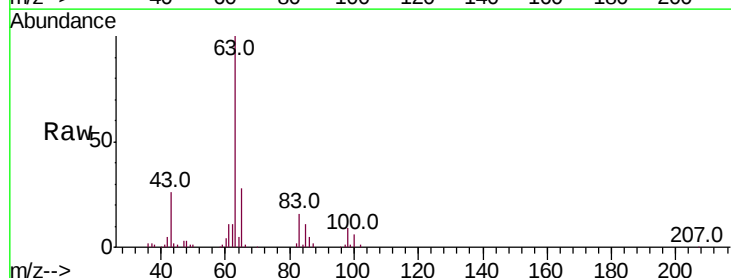
Tgt Ion: 63 Resp: 140873

Ion Ratio Lower Upper

63 100

98 8.9 4.5 13.5

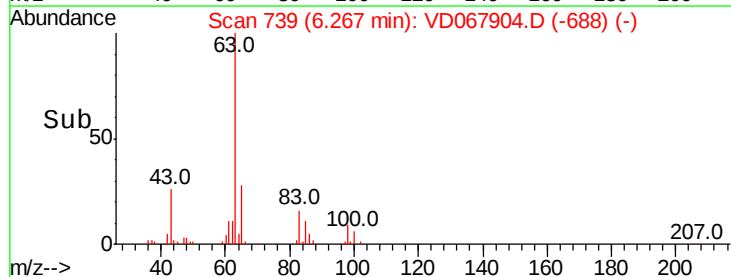
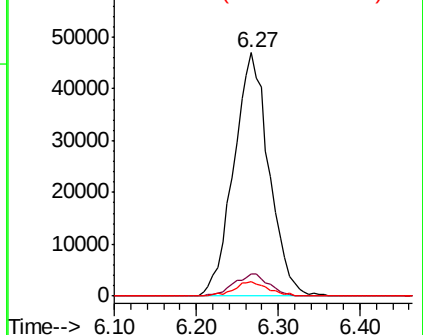
100 6.2 3.0 9.2

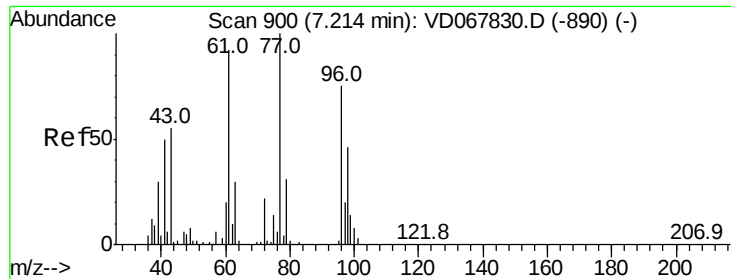


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

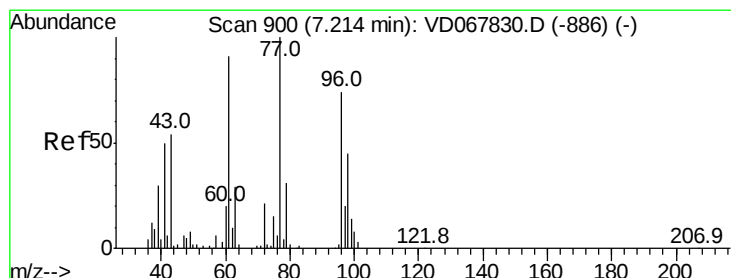
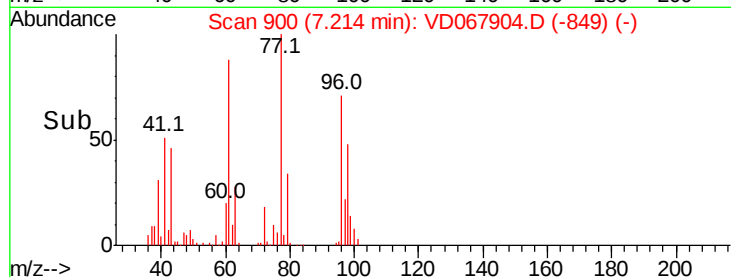
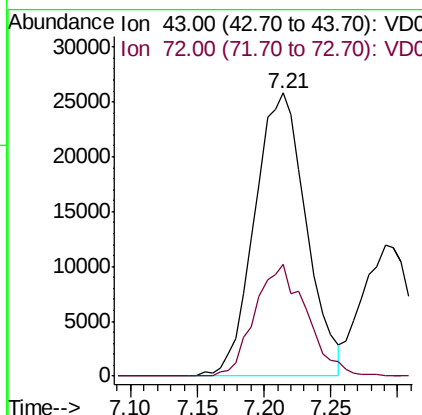
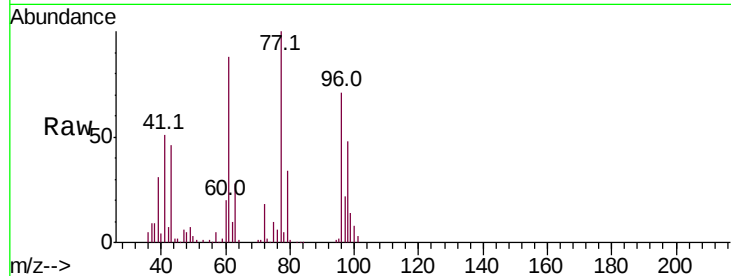




#25
2-Butanone
Concen: 233.529 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

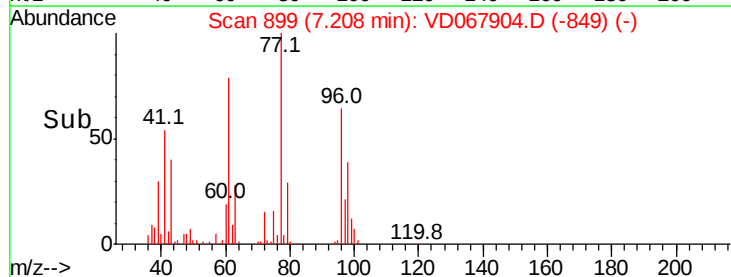
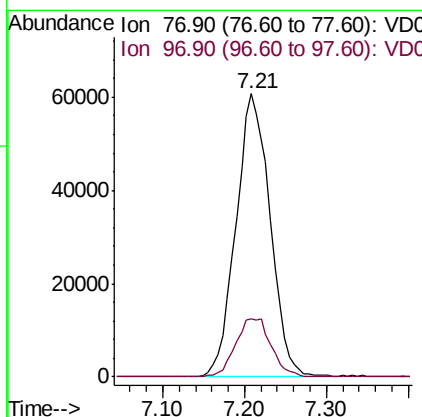
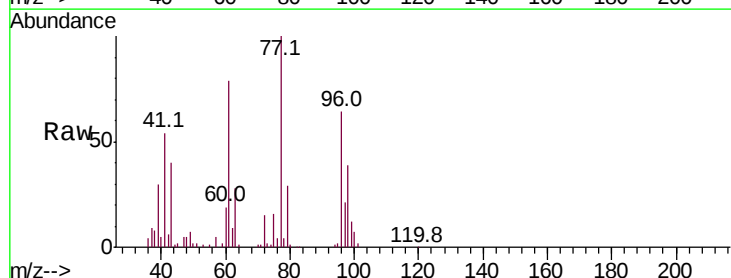
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

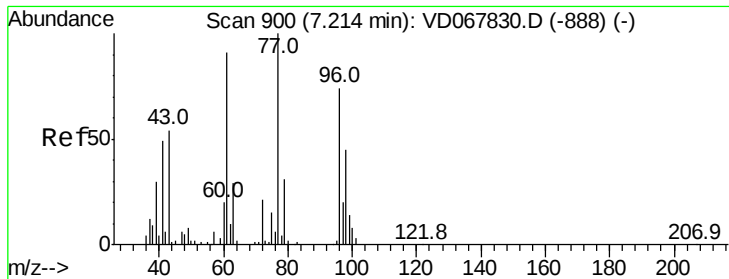
Tot Ion: 43 Resp: 69250
Ion Ratio Lower Upper
43 100
72 39.4 31.3 46.9



#26
2,2-Dichloropropane
Concen: 51.536 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

Tgt Ion: 77 Resp: 176523
Ion Ratio Lower Upper
77 100
97 21.4 11.1 33.1

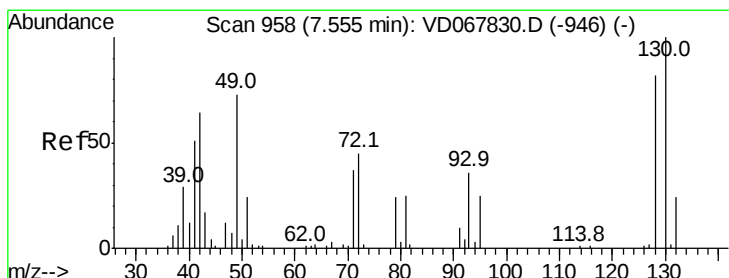
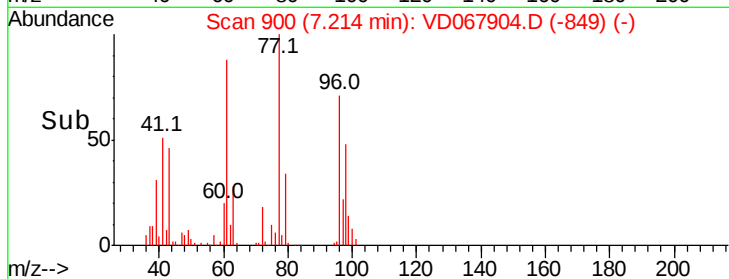
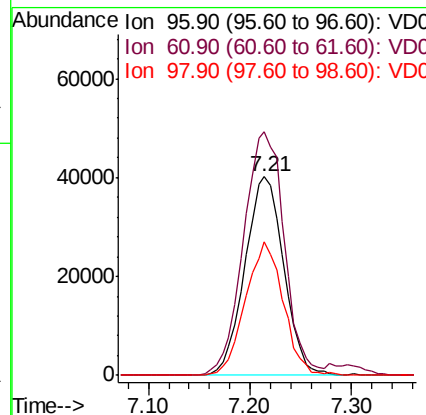
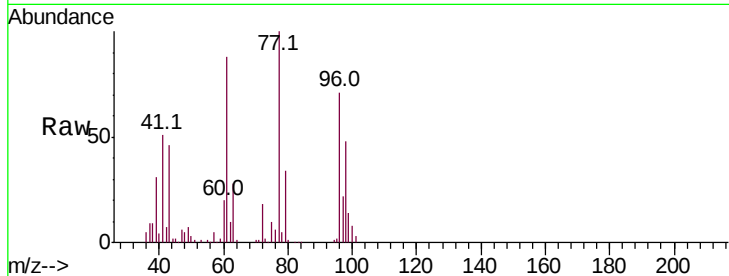




#27
 cis-1,2-Dichloroethene
 Concen: 48.922 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD067904.D
 Acq: 08 Dec 2020 09:48

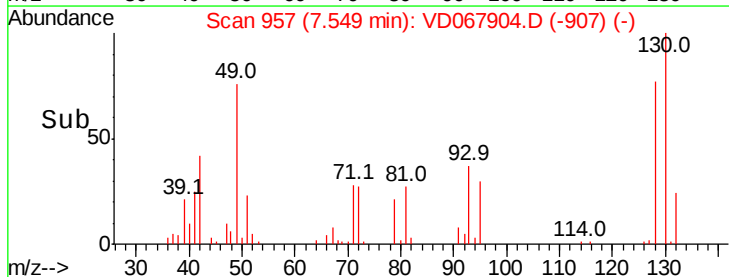
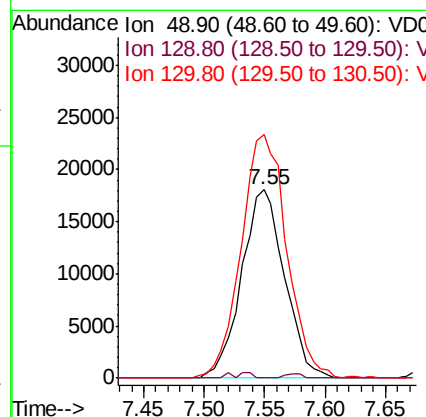
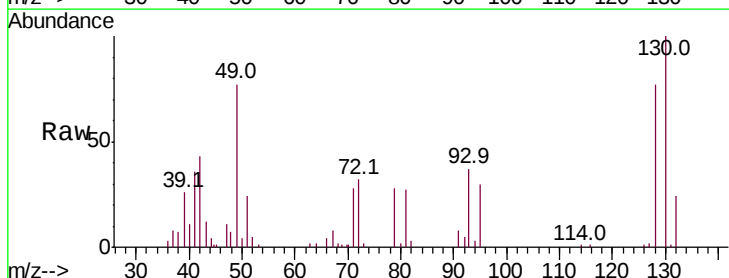
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

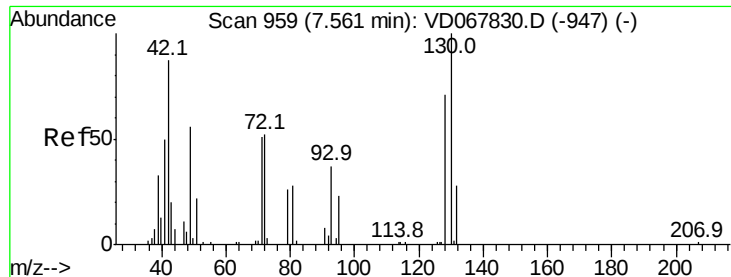
Tot Ion: 96 Resp: 107234
 Ion Ratio Lower Upper
 96 100
 61 128.9 0.0 248.4
 98 65.4 0.0 127.4



#28
 Bromochloromethane
 Concen: 49.068 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: VD067904.D
 Acq: 08 Dec 2020 09:48

Tgt Ion: 49 Resp: 44749
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.4
 130 137.0 110.2 165.2

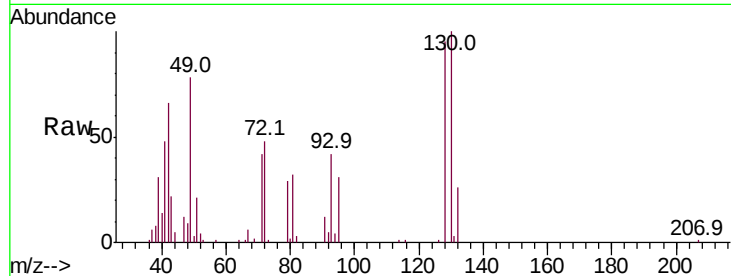




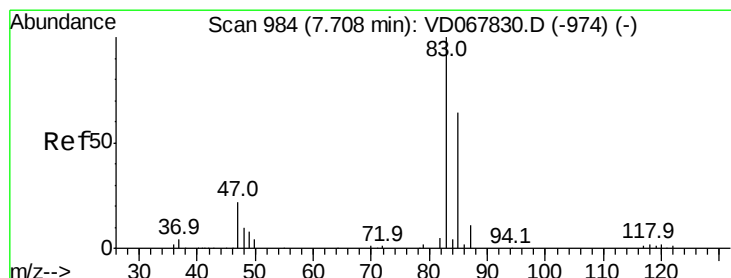
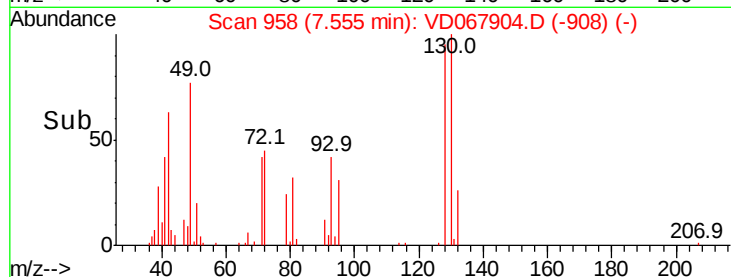
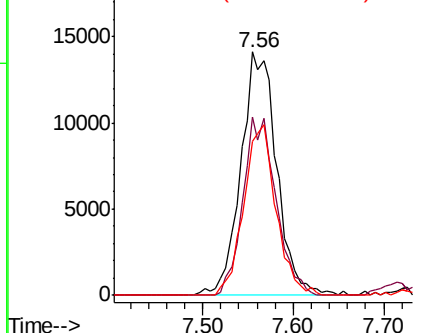
#29
Tetrahydrofuran
Concen: 228.981 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 38662
Ion Ratio Lower Upper
42 100
72 67.8 51.9 77.9
71 63.0 48.2 72.4

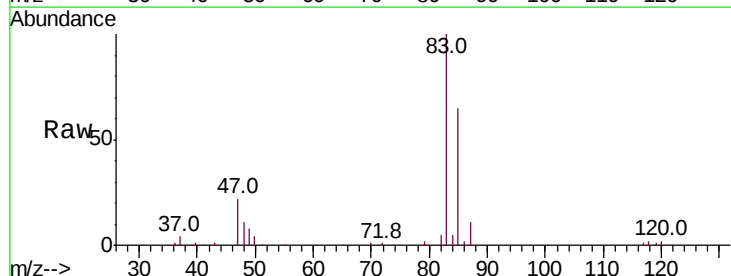


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

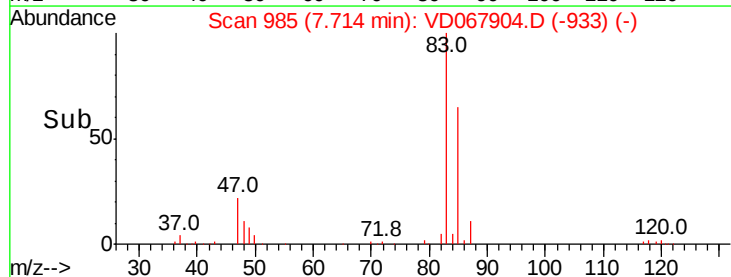
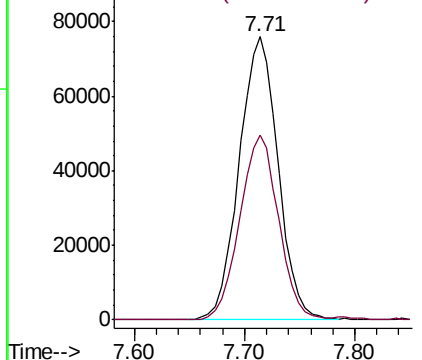


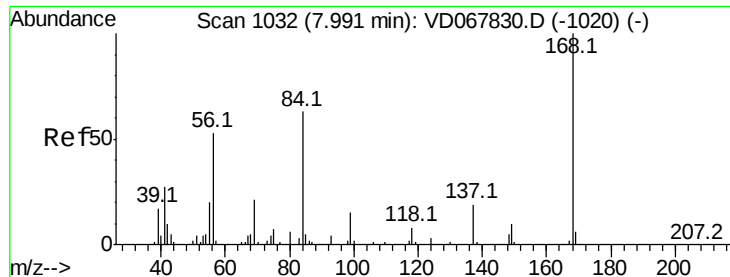
#30
Chloroform
Concen: 48.828 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

Tgt Ion: 83 Resp: 187431
Ion Ratio Lower Upper
83 100
85 65.2 51.0 76.4



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

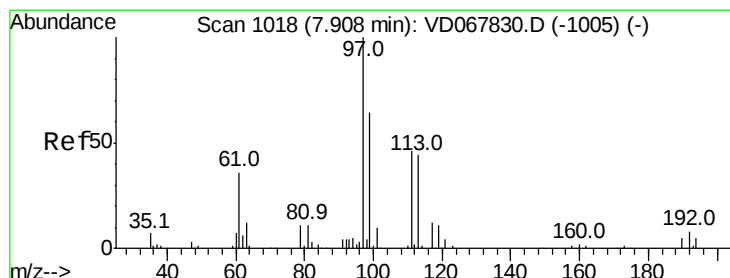
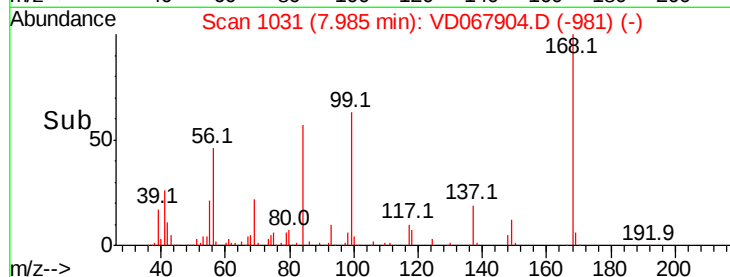
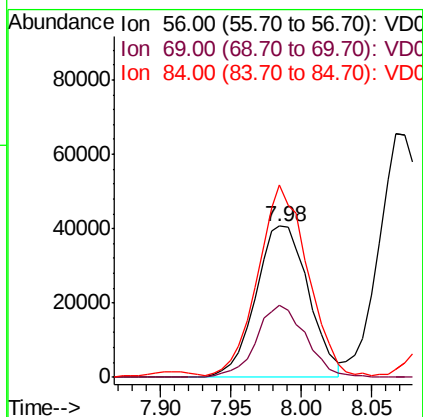
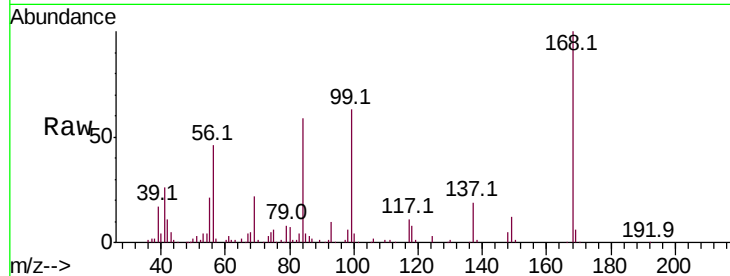




#31
Cyclohexane
Concen: 44.370 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

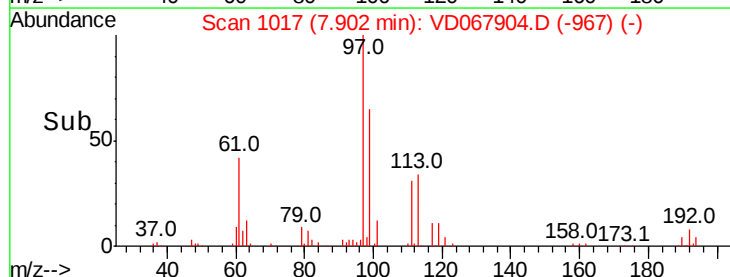
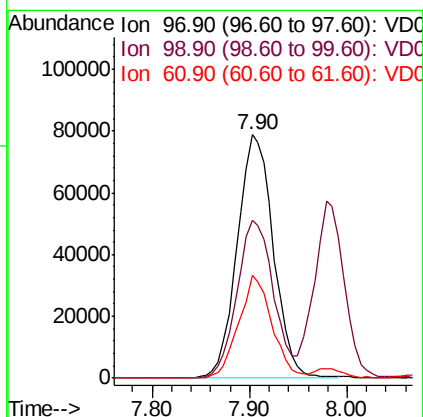
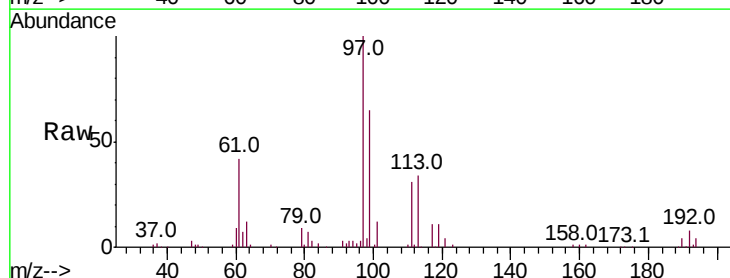
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

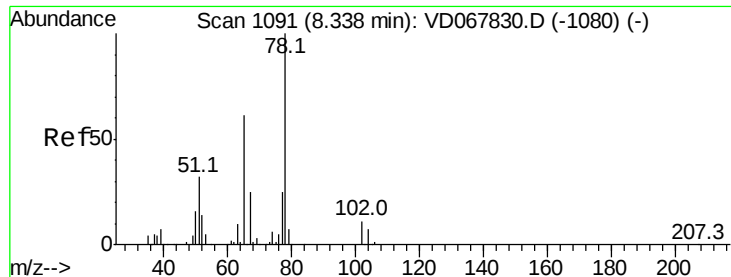
Tot Ion: 56 Resp: 106655
Ion Ratio Lower Upper
56 100
69 48.2 32.1 48.1#
84 124.7 93.2 139.8



#32
1,1,1-Trichloroethane
Concen: 50.318 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

Tgt Ion: 97 Resp: 203894
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.2
61 39.0 30.8 46.2

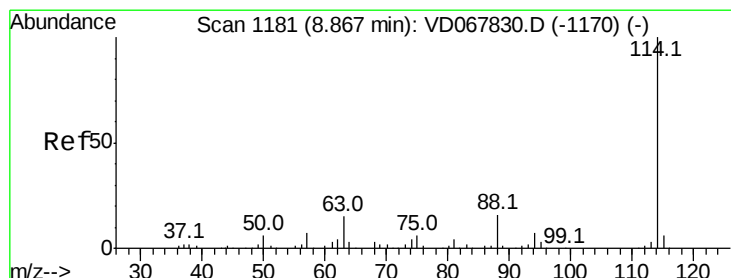
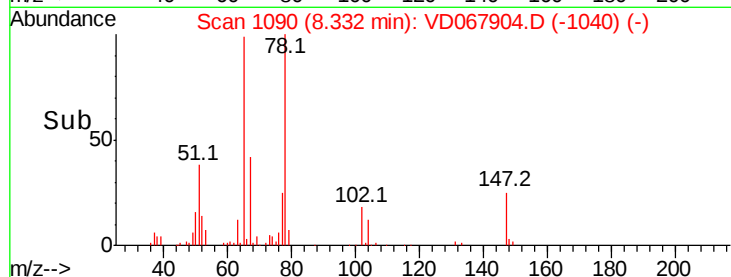
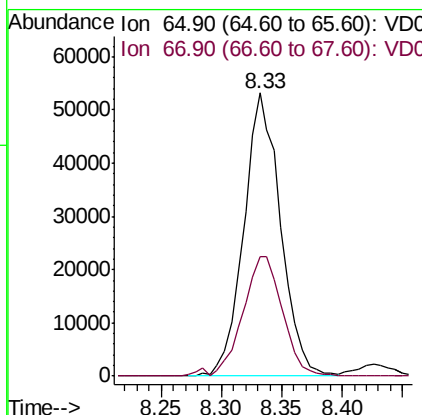
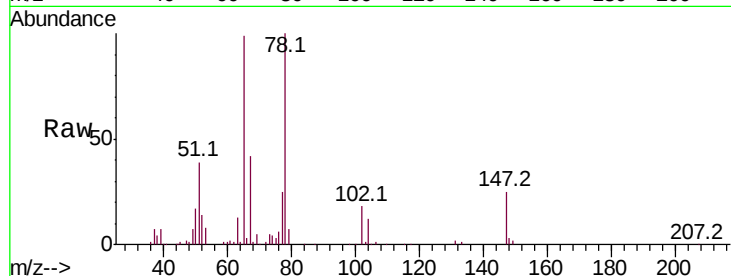




#33
 1,2-Dichloroethane-d4
 Concen: 49.590 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067904.D
 Acq: 08 Dec 2020 09:48

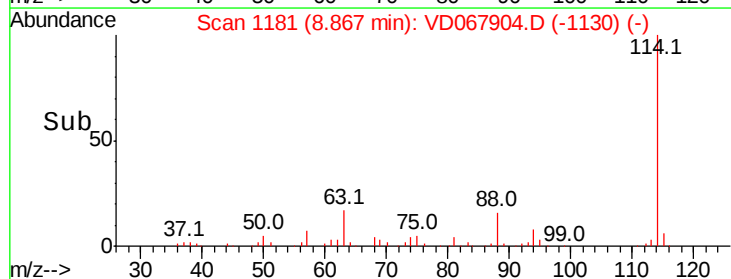
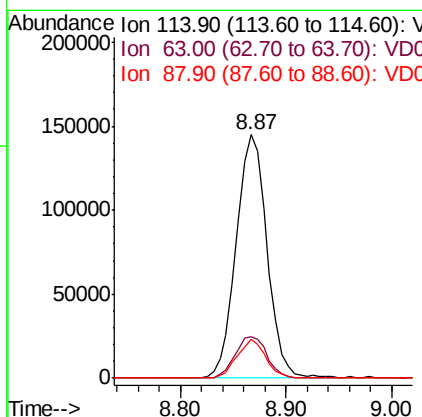
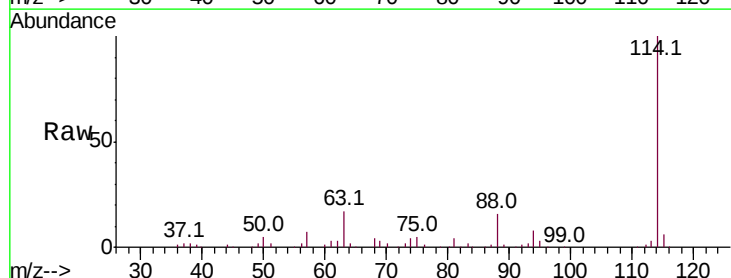
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

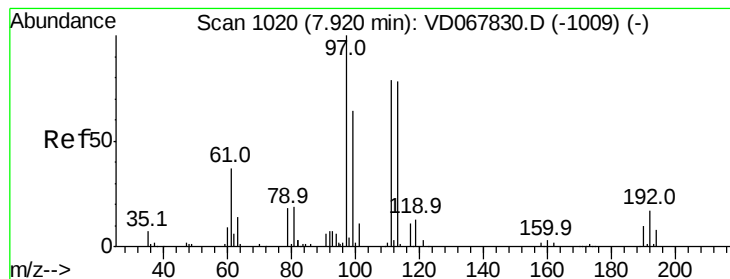
Tot Ion: 65 Resp: 113142
 Ion Ratio Lower Upper
 65 100
 67 44.9 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067904.D
 Acq: 08 Dec 2020 09:48

Tgt Ion: 114 Resp: 293411
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 30.8
 88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.575 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

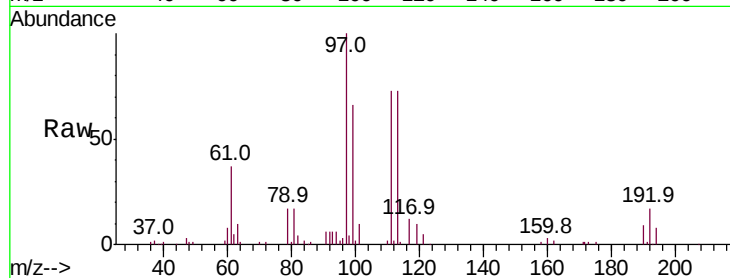
Tot Ion:113 Resp: 101260

Ion Ratio Lower Upper

113 100

111 100.5 81.2 121.8

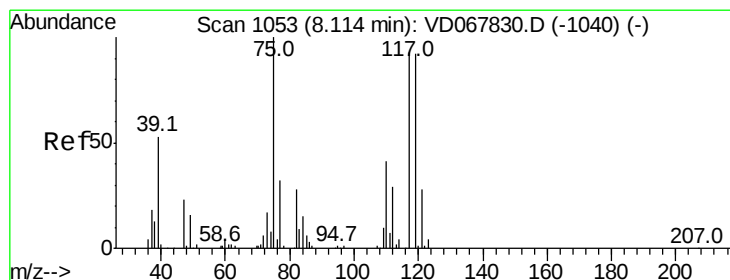
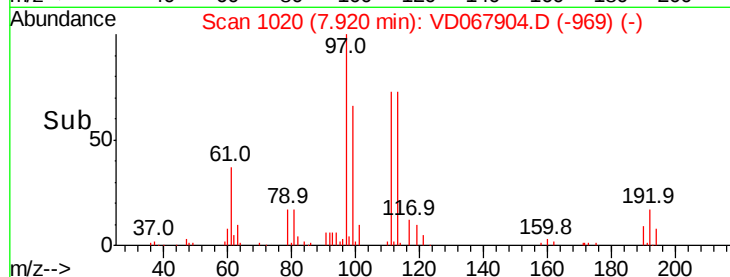
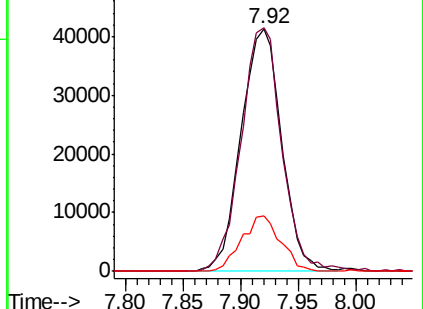
192 21.8 16.8 25.2



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: 52.265 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

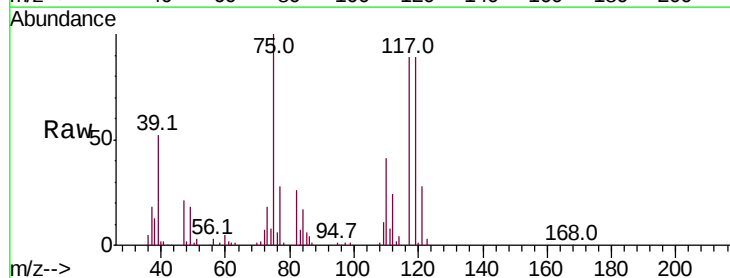
Tgt Ion: 75 Resp: 132755

Ion Ratio Lower Upper

75 100

110 39.9 20.3 61.0

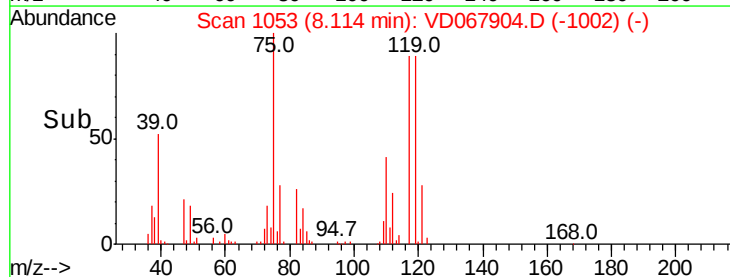
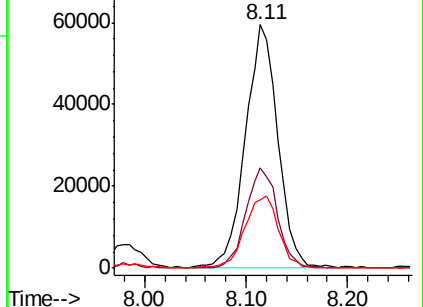
77 30.9 24.7 37.1

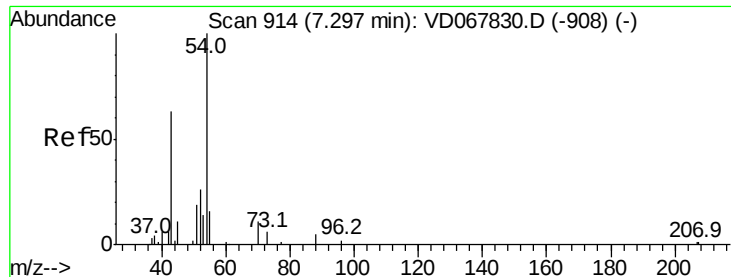


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 48.379 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

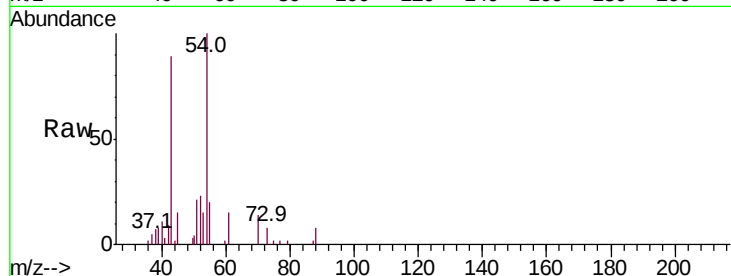
Tot Ion: 43 Resp: 33119

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.2#

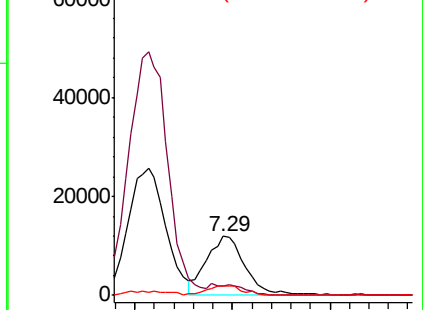
70 15.1 11.5 17.3



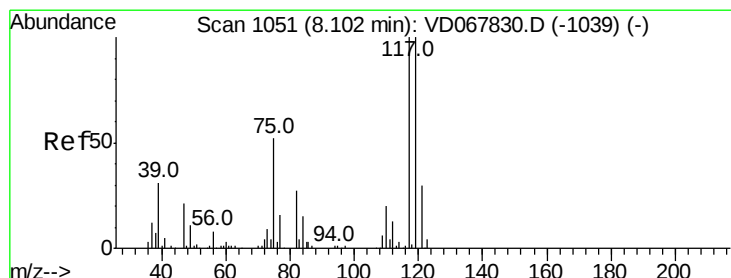
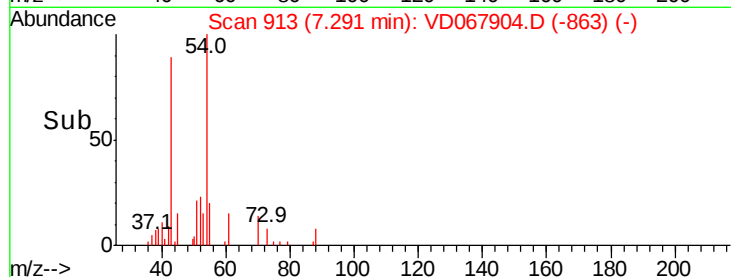
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



Time-->



#38

Carbon Tetrachloride

Concen: 53.200 ug/l

RT: 8.10 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

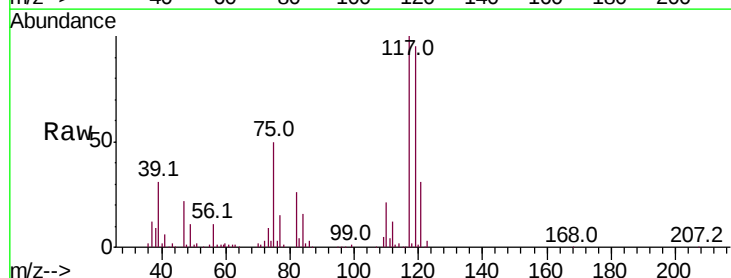
Tgt Ion: 117 Resp: 204456

Ion Ratio Lower Upper

117 100

119 95.2 79.7 119.5

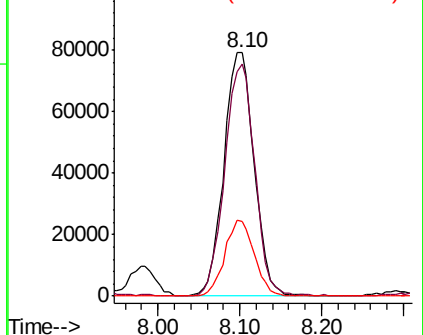
121 30.9 23.8 35.6



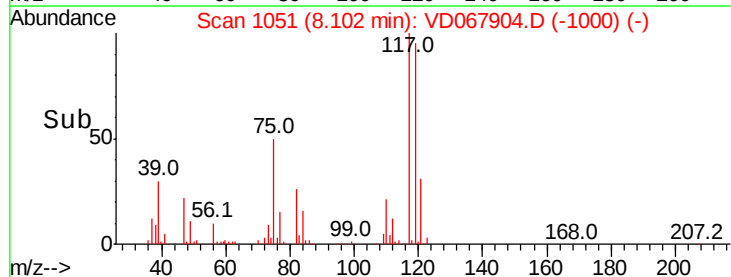
Abundance Ion 116.80 (116.50 to 117.50): V

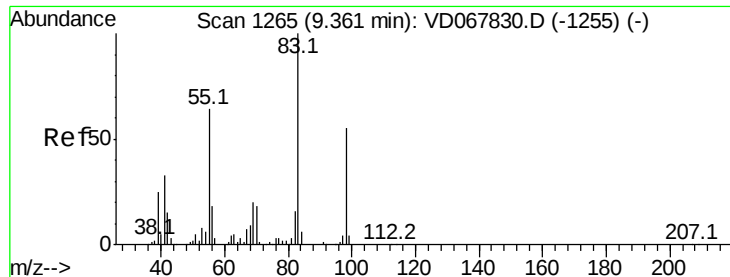
Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



Time-->

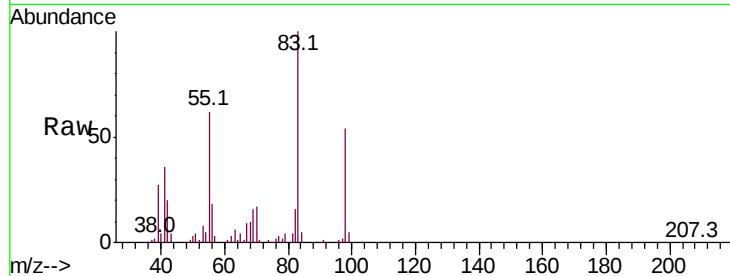




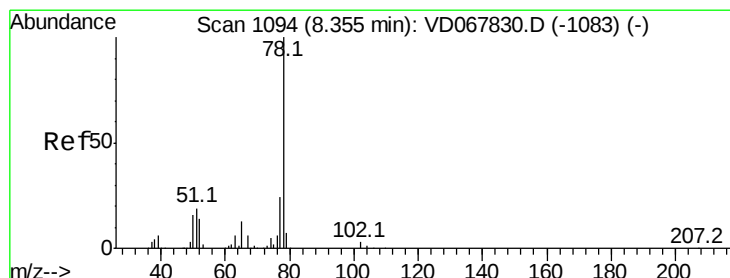
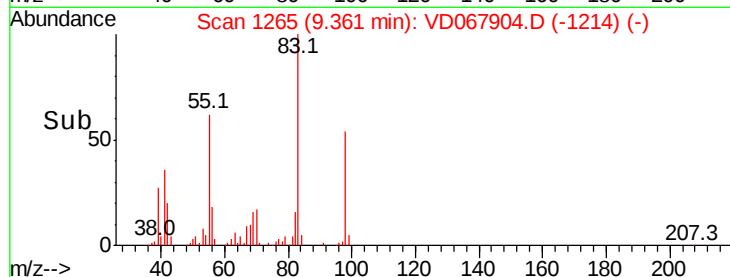
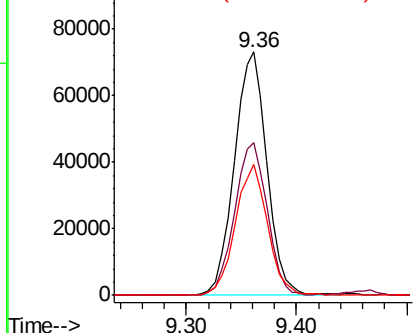
#39
Methvlcvclohexane
Concen: 50.415 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	151754
Ion Ratio	100	Lower	Upper
55	62.5	51.6	77.4
98	53.9	44.3	66.5

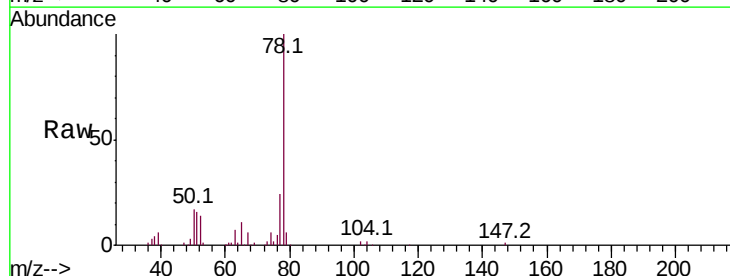


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

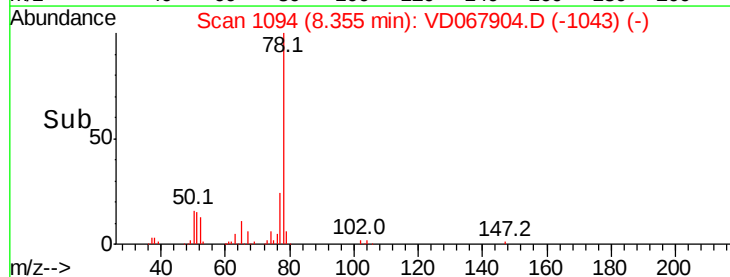
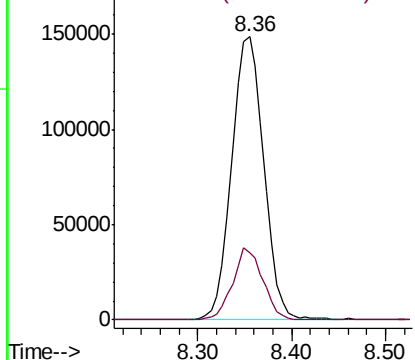


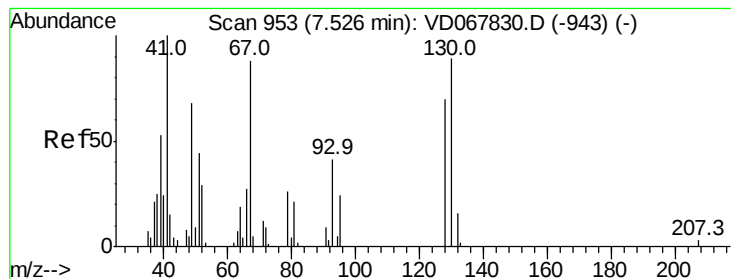
#40
Benzene
Concen: 50.679 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

Tgt Ion	78	Resp	352231
Ion Ratio	100	Lower	Upper
77	23.9	19.1	28.7



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





#41

Methacrylonitrile

Concen: 153.843 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.04 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 46991

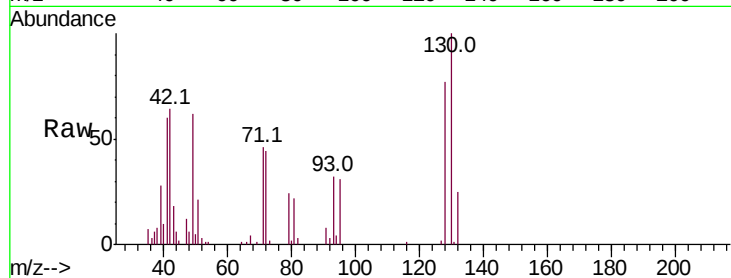
Ion Ratio Lower Upper

41 100

39 38.1 42.1 63.1#

67 0.0 82.4 123.6#

52 0.0 30.6 45.8#

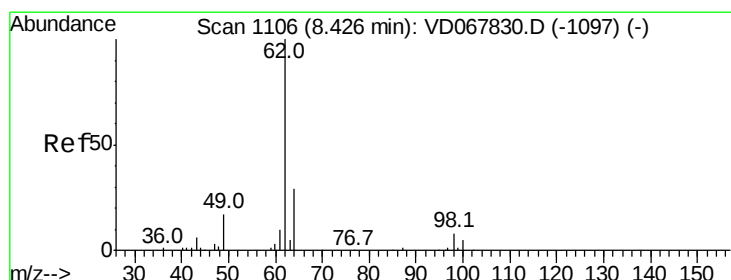
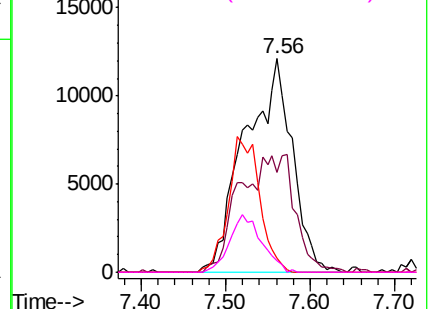
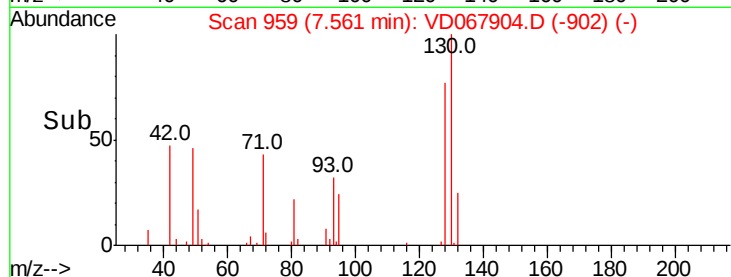


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 52.193 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD067904.D

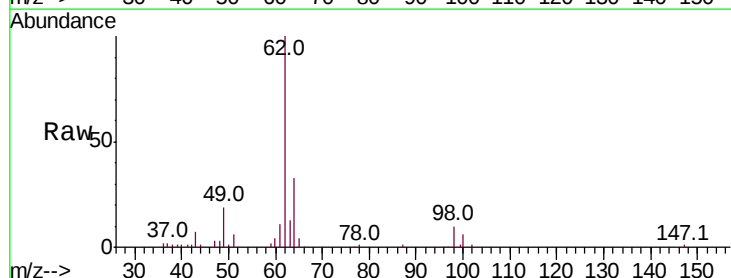
Acq: 08 Dec 2020 09:48

Tgt Ion: 62 Resp: 129289

Ion Ratio Lower Upper

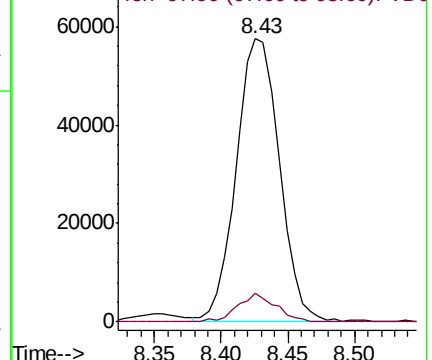
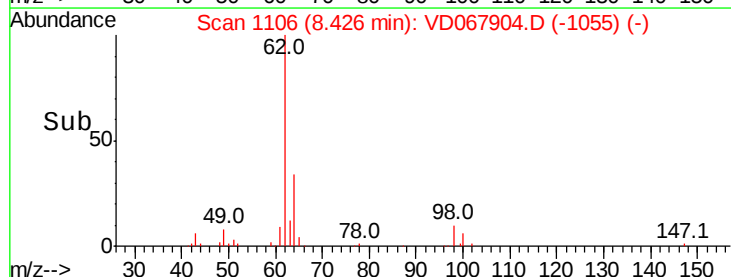
62 100

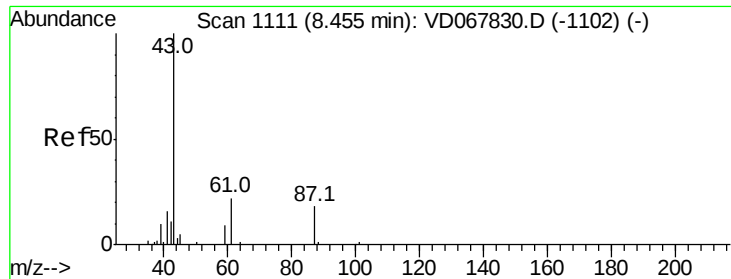
98 8.9 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 50.044 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

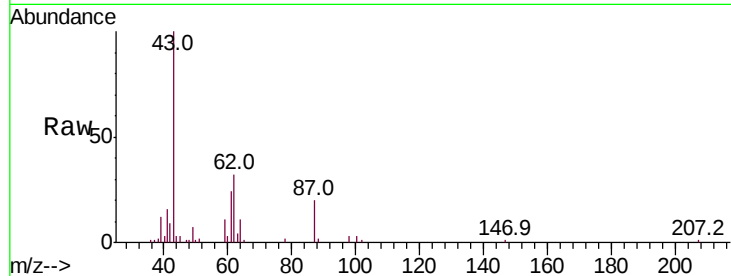
Tot Ion: 43 Resp: 67408

Ion Ratio Lower Upper

43 100

61 37.9 30.4 45.6

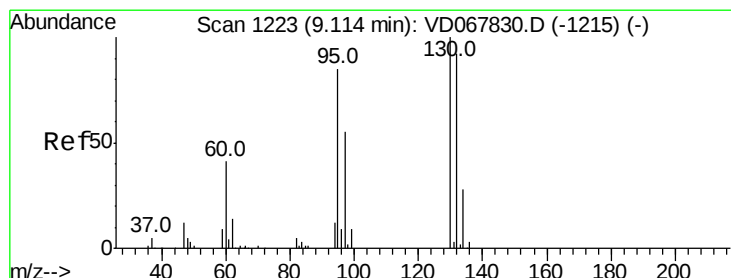
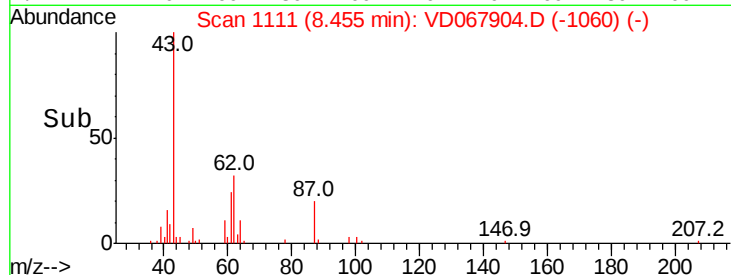
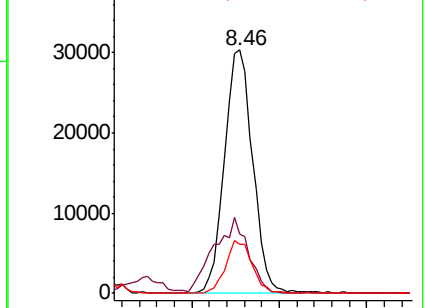
87 20.1 16.2 24.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 49.974 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD067904.D

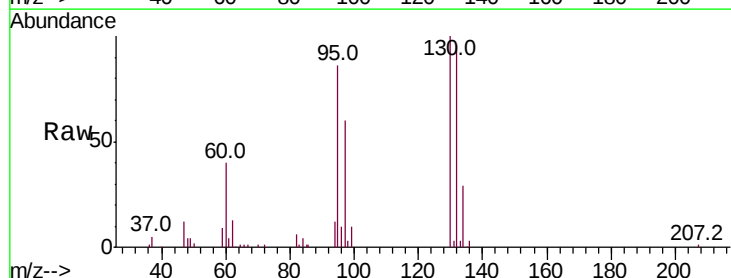
Acq: 08 Dec 2020 09:48

Tgt Ion:130 Resp: 119417

Ion Ratio Lower Upper

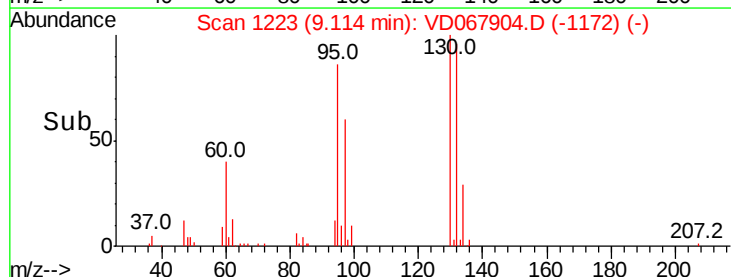
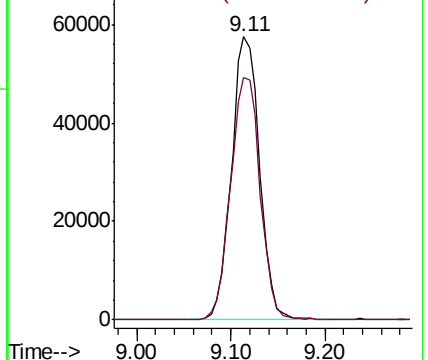
130 100

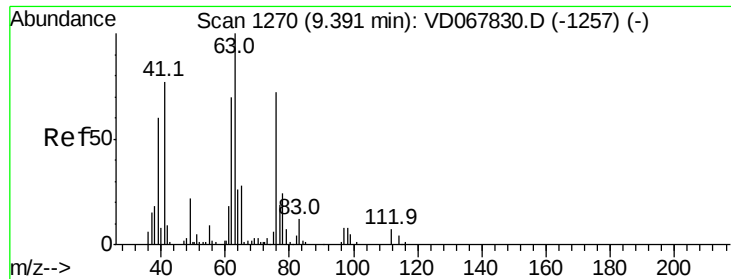
95 85.8 0.0 170.2



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 49.635 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

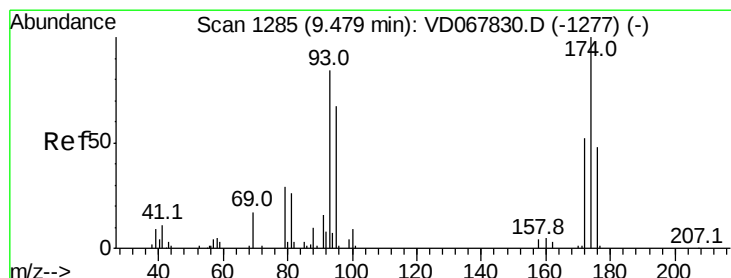
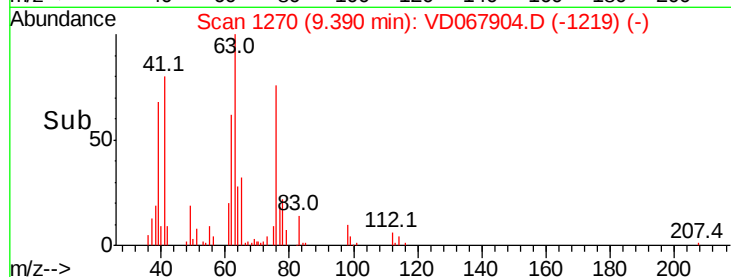
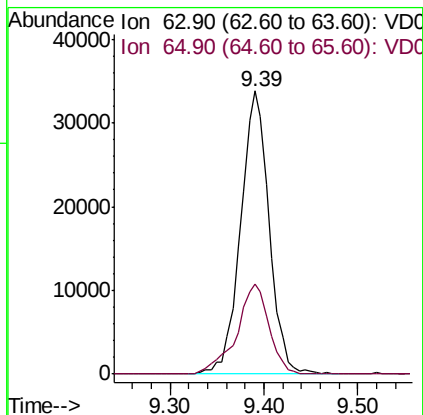
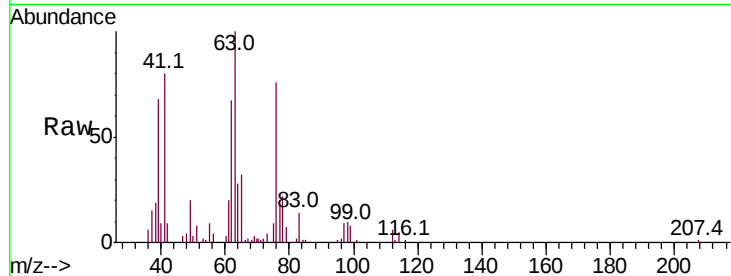
VSTDCCC050

Tot Ion: 63 Resp: 70804

Ion Ratio Lower Upper

63 100

65 31.7 22.8 34.2



#46

Dibromomethane

Concen: 50.407 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

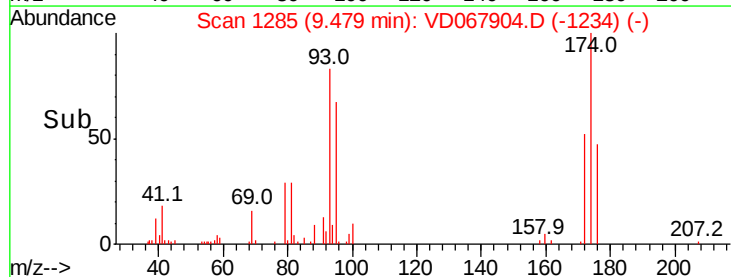
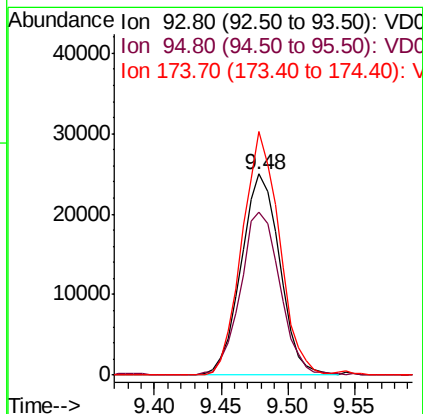
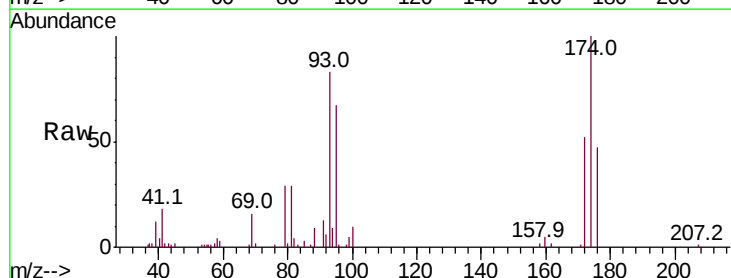
Tgt Ion: 93 Resp: 49994

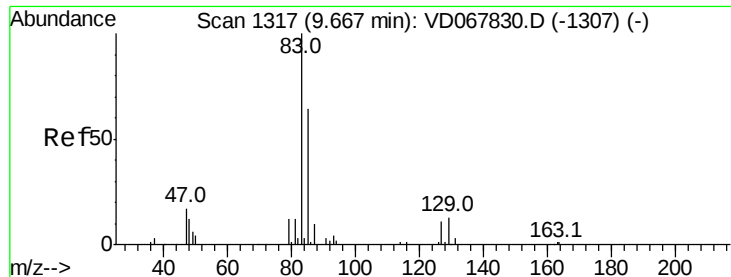
Ion Ratio Lower Upper

93 100

95 83.0 64.2 96.4

174 116.5 91.5 137.3





#47

Bromodichloromethane

Concen: 51.706 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

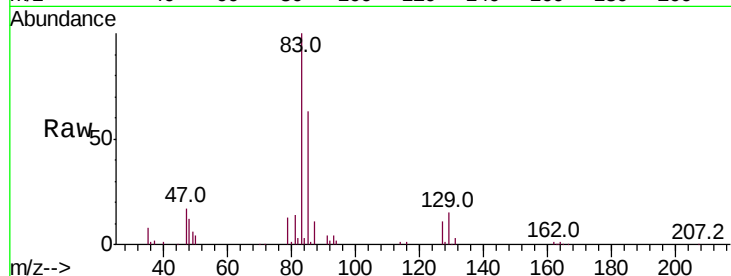
Tot Ion: 83 Resp: 146200

Ion Ratio Lower Upper

83 100

85 62.7 51.4 77.0

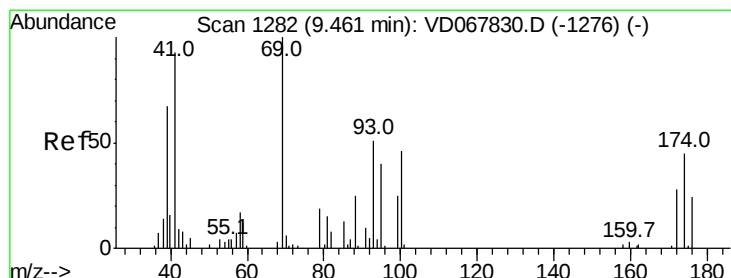
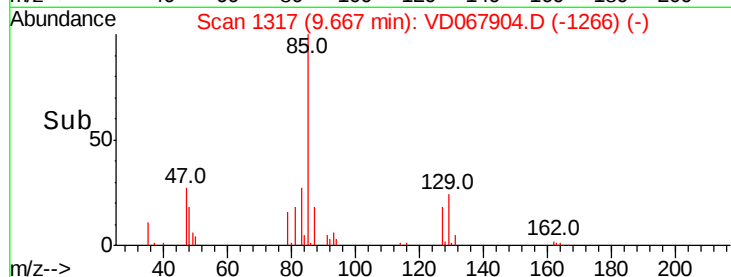
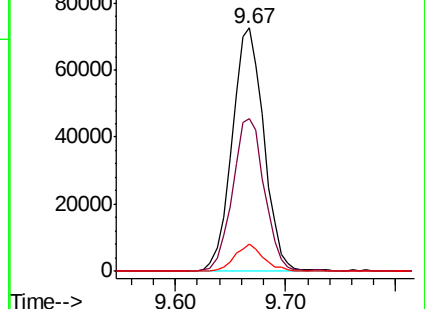
127 11.0 8.5 12.7



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: 49.705 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

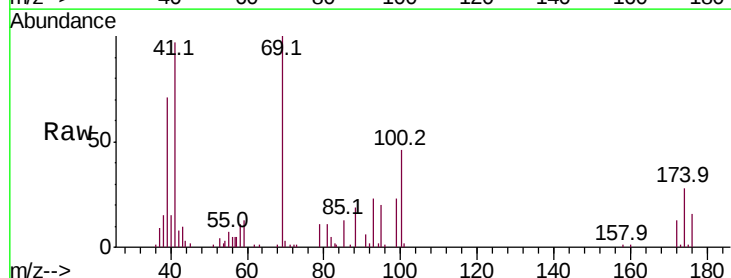
Tgt Ion: 41 Resp: 33997

Ion Ratio Lower Upper

41 100

69 107.9 87.6 131.4

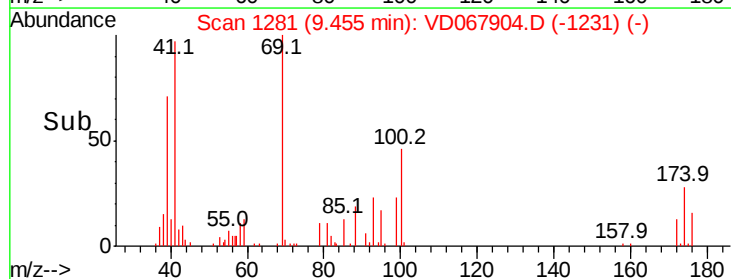
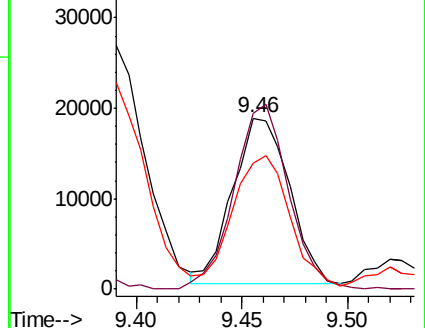
39 78.8 61.2 91.8

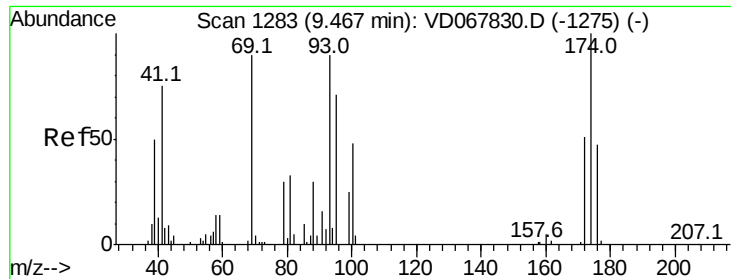


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 939.207 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

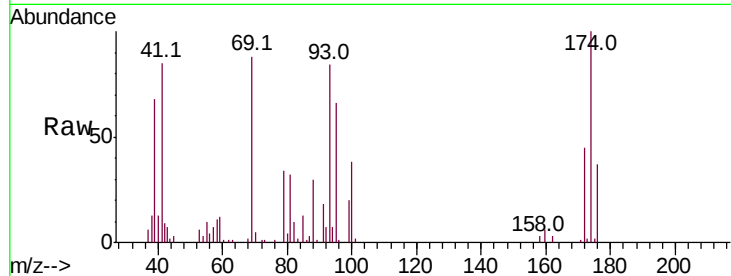
Tot Ion: 88 Resp: 10644

Ion Ratio Lower Upper

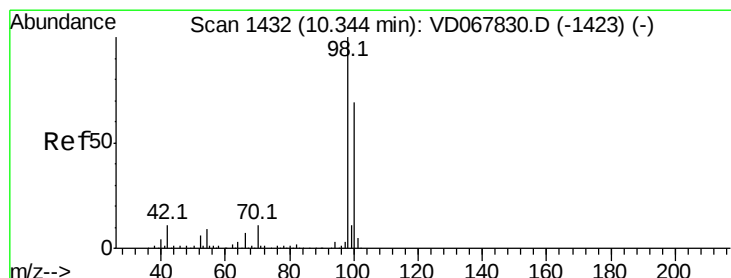
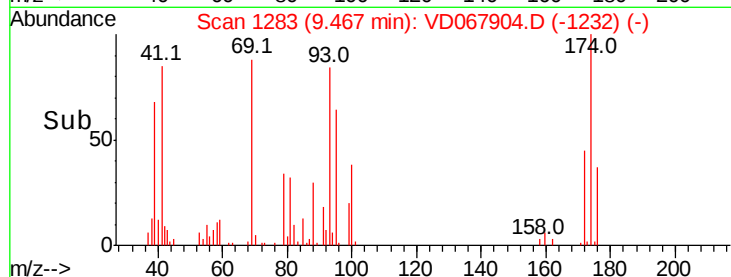
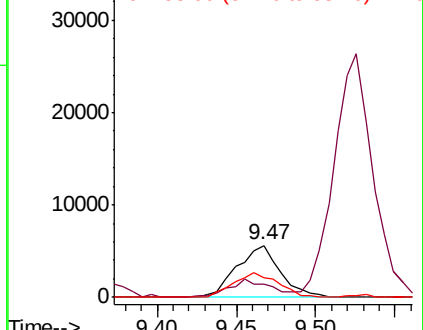
88 100

43 33.3 30.1 45.1

58 48.9 42.4 63.6



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: 51.727 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067904.D

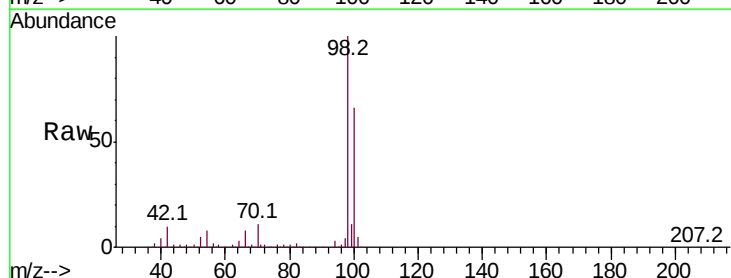
Acq: 08 Dec 2020 09:48

Tgt Ion: 98 Resp: 365590

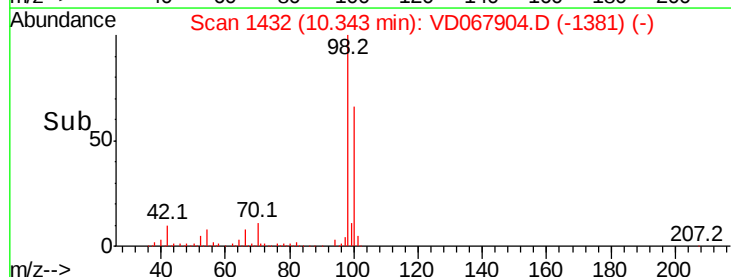
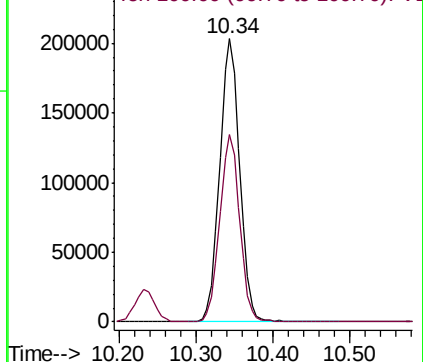
Ion Ratio Lower Upper

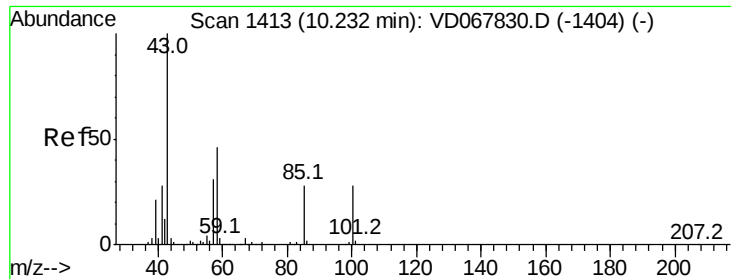
98 100

100 65.5 52.9 79.3



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: 247.057 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

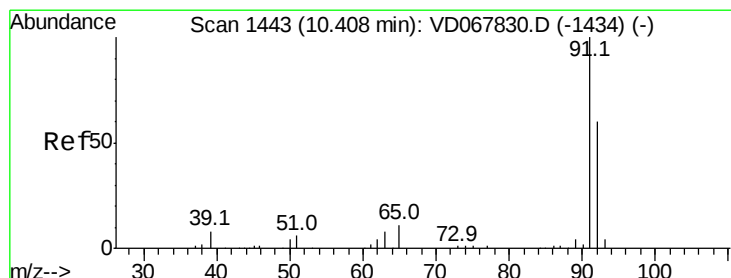
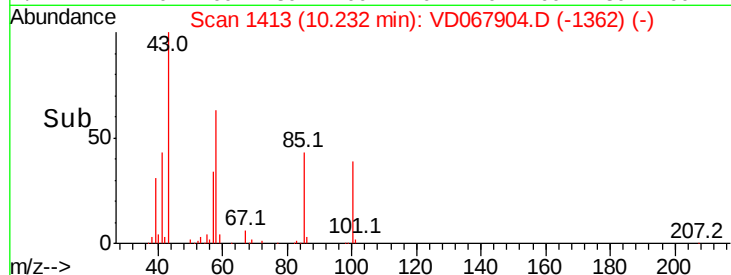
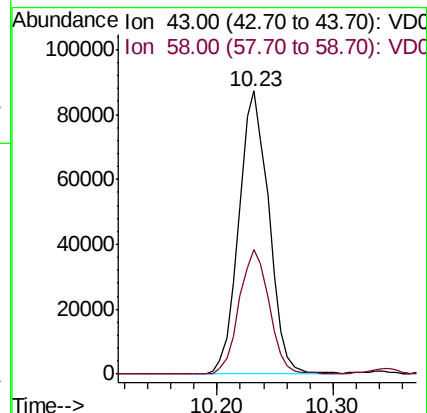
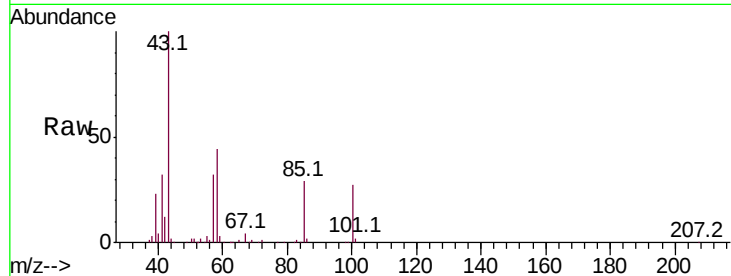
VSTDCCC050

Tot Ion: 43 Resp: 157502

Ion Ratio Lower Upper

43 100

58 44.1 35.7 53.5



#52

Toluene

Concen: 50.719 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067904.D

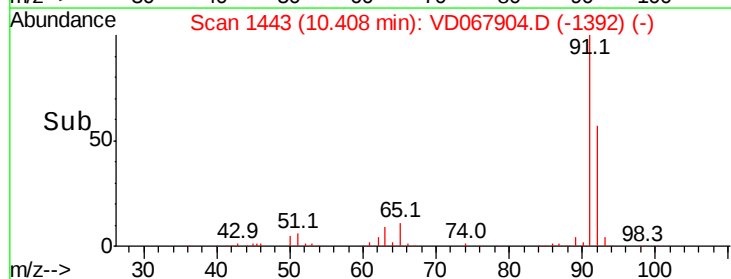
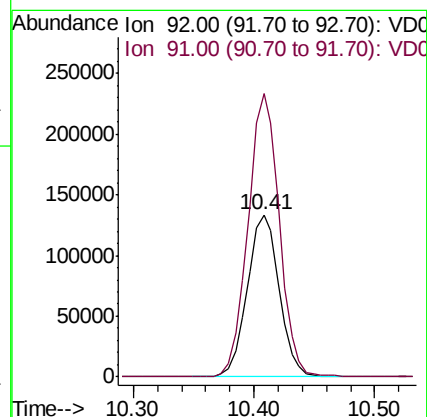
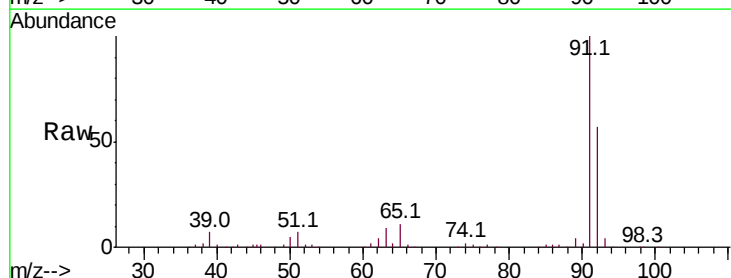
Acq: 08 Dec 2020 09:48

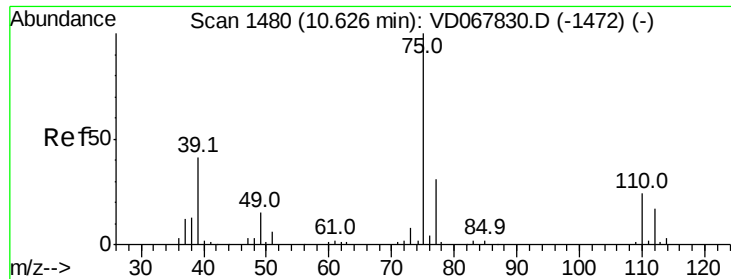
Tgt Ion: 92 Resp: 246459

Ion Ratio Lower Upper

92 100

91 171.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 52.077 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

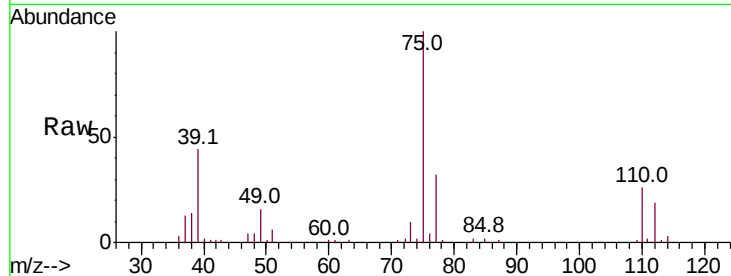
VSTDCCC050

Tot Ion: 75 Resp: 127092

Ion Ratio Lower Upper

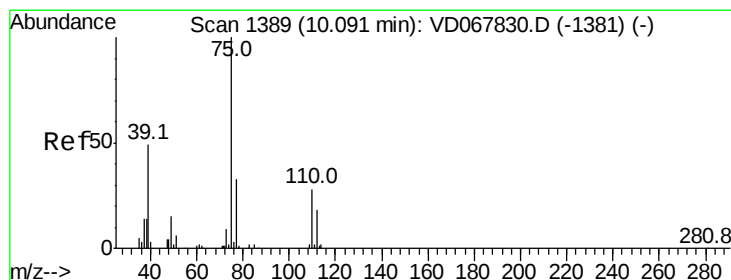
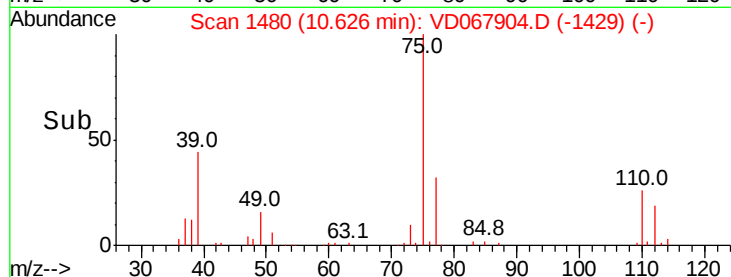
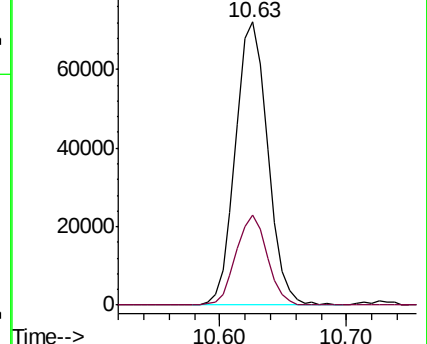
75 100

77 31.7 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 52.482 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

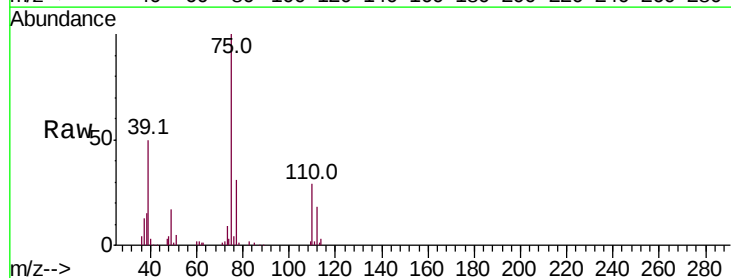
Tgt Ion: 75 Resp: 139319

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

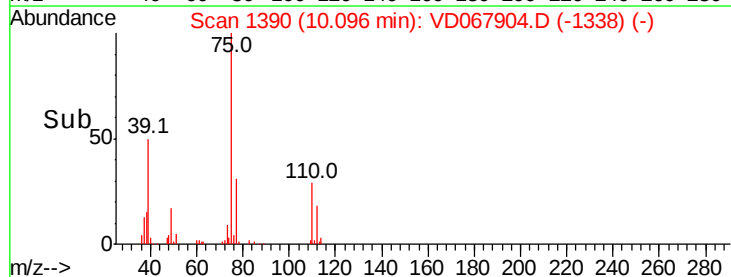
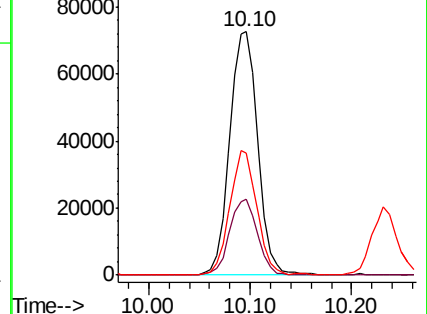
39 50.0 39.0 58.4

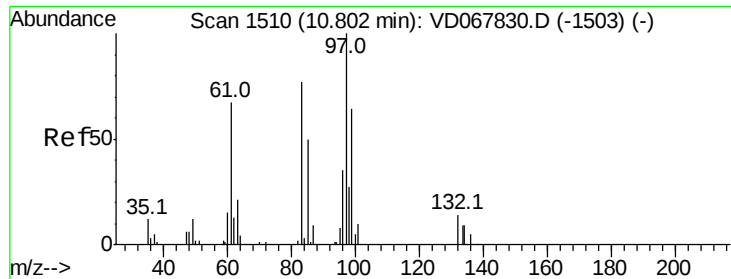


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

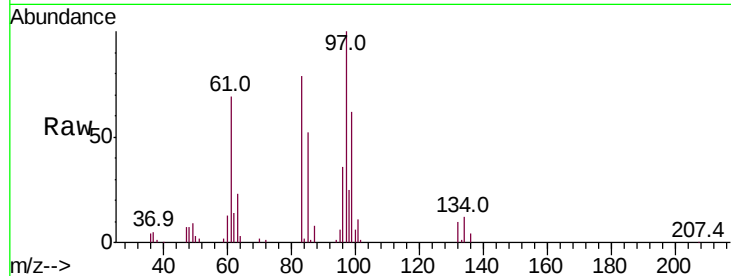




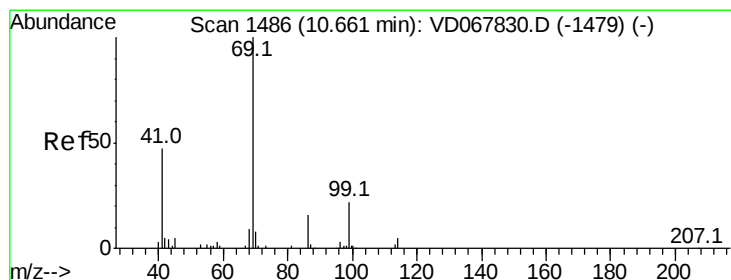
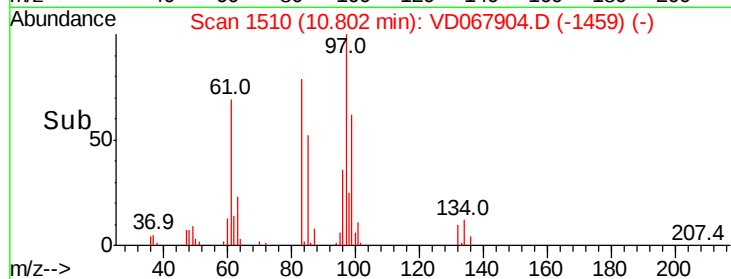
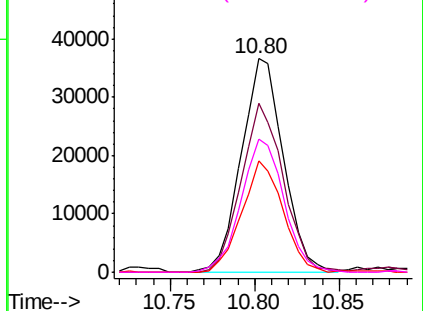
#55
 1,1,2-Trichloroethane
 Concen: 46.921 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067904.D
 Acq: 08 Dec 2020 09:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	63686
Ion	Ratio	Lower	Upper
97	100		
83	79.0	61.9	92.9
85	52.2	40.2	60.4
99	62.3	51.0	76.6

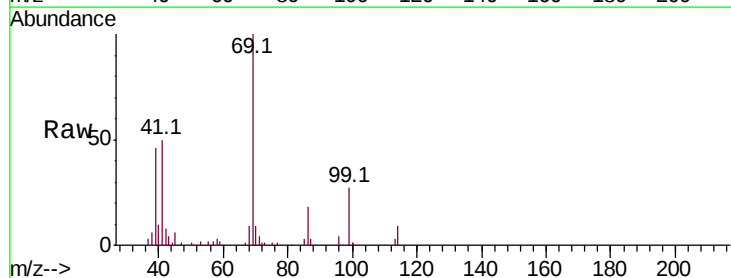


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

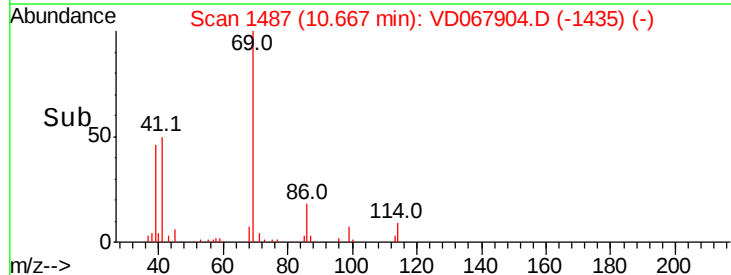
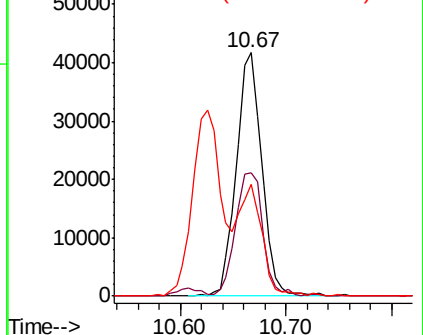


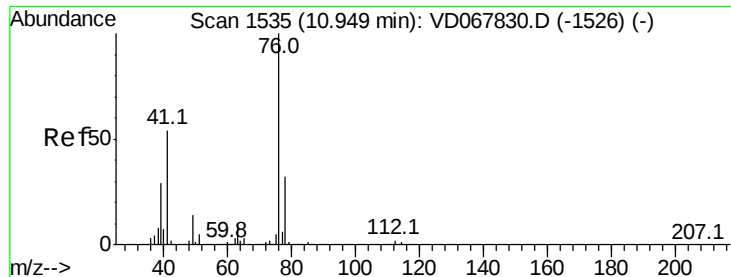
#56
 Ethyl methacrylate
 Concen: 50.113 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD067904.D
 Acq: 08 Dec 2020 09:48

Tgt Ion:	69	Resp:	69205
Ion	Ratio	Lower	Upper
69	100		
41	53.9	42.8	64.2
39	41.3	30.5	45.7



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: 49.309 ug/l

RT: 10.96 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

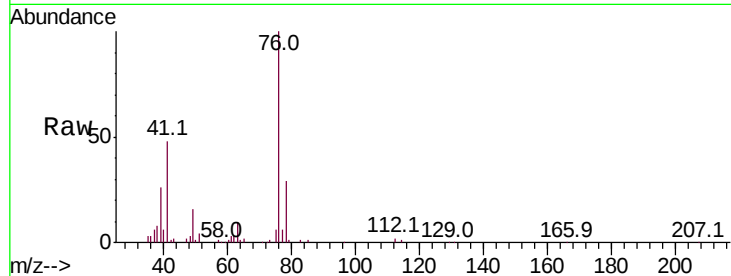
VSTDCCC050

Tot Ion: 76 Resp: 106017

Ion Ratio Lower Upper

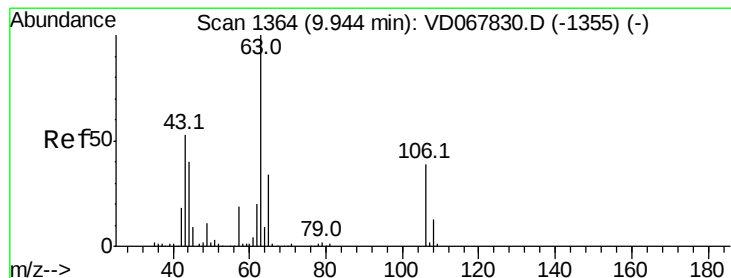
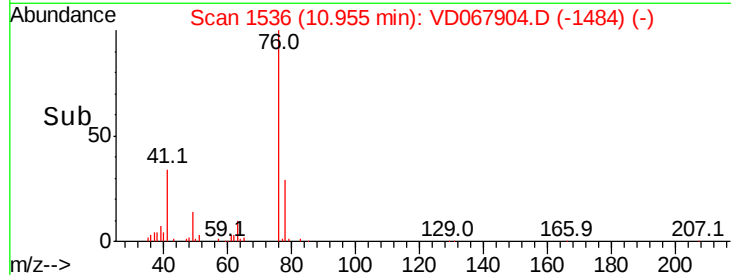
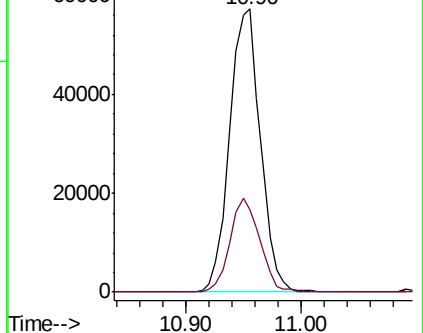
76 100

78 31.9 26.6 39.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 274.426 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD067904.D

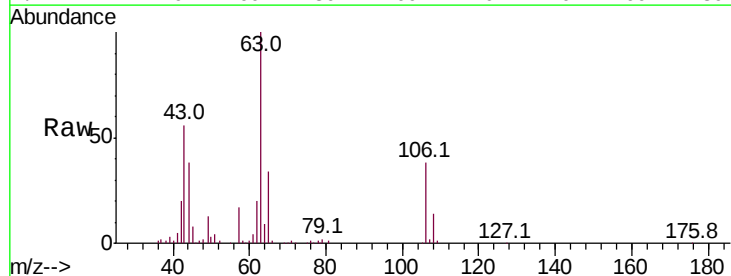
Acq: 08 Dec 2020 09:48

Tgt Ion: 63 Resp: 172449

Ion Ratio Lower Upper

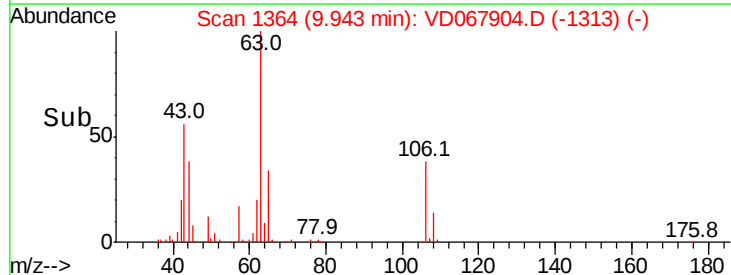
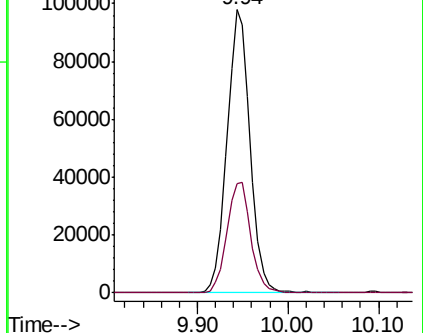
63 100

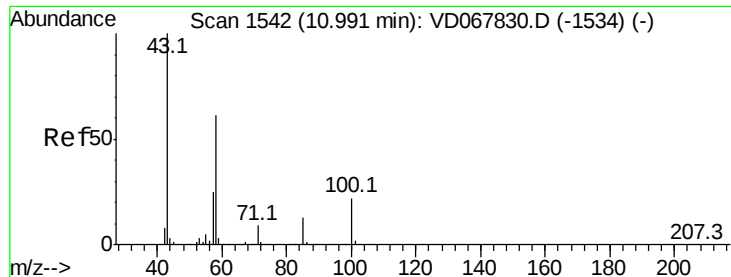
106 40.5 32.0 48.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 265.627 ug/l

RT: 10.99 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

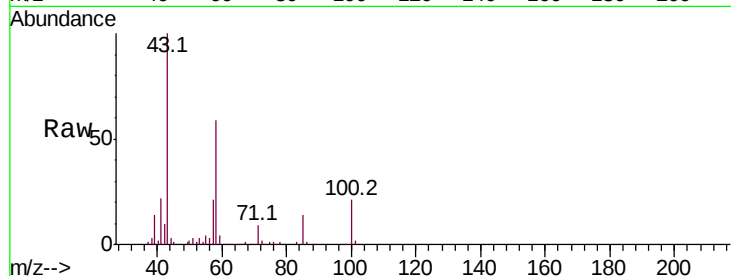
VSTDCCC050

Tot Ion: 43 Resp: 119376

Ion Ratio Lower Upper

43 100

58 58.0 29.9 89.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

80000

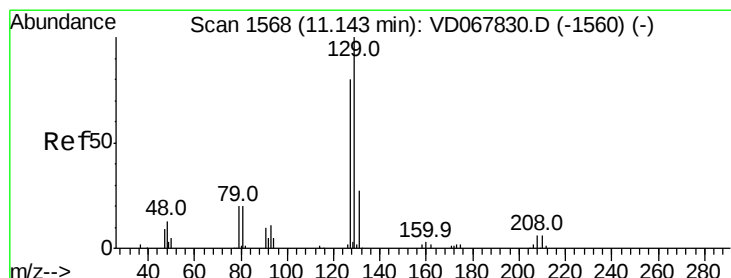
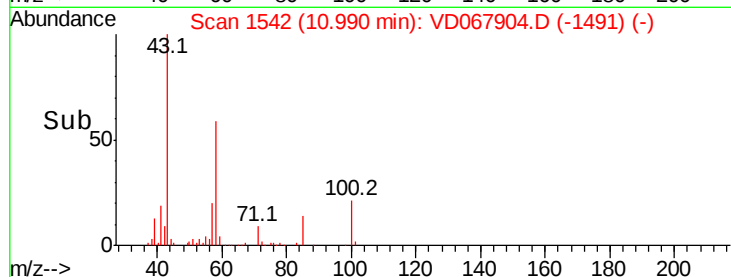
60000

40000

20000

0

Time--> 10.90 11.00



#60

Dibromochloromethane

Concen: 51.328 ug/l

RT: 11.14 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VD067904.D

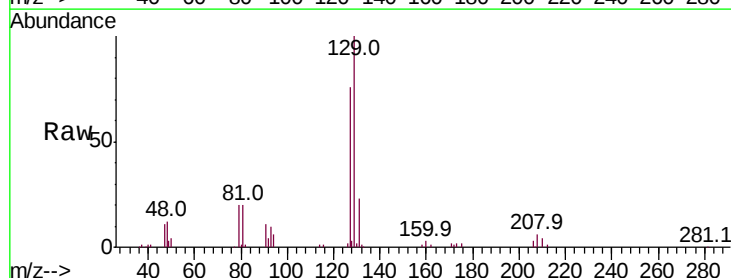
Acq: 08 Dec 2020 09:48

Tgt Ion:129 Resp: 105018

Ion Ratio Lower Upper

129 100

127 77.0 39.2 117.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

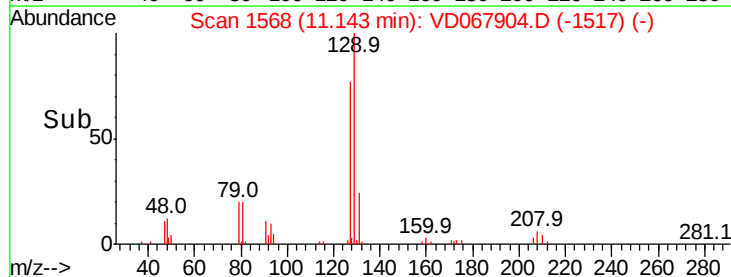
60000

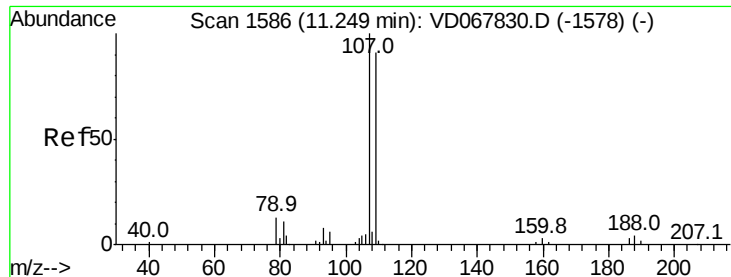
40000

20000

0

Time--> 11.10 11.20

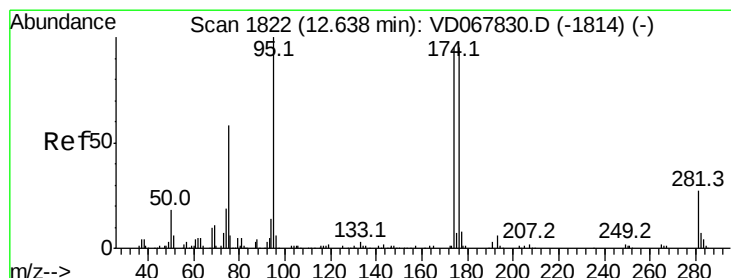
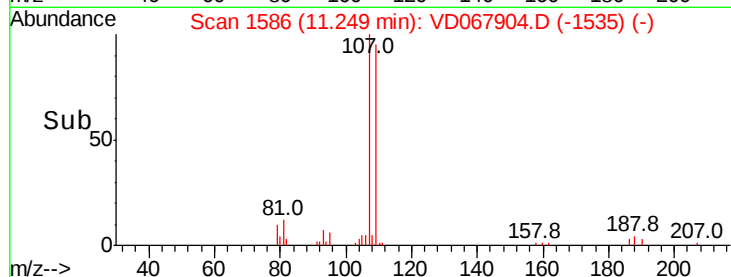
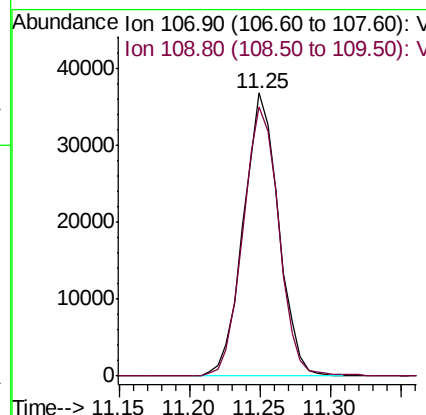
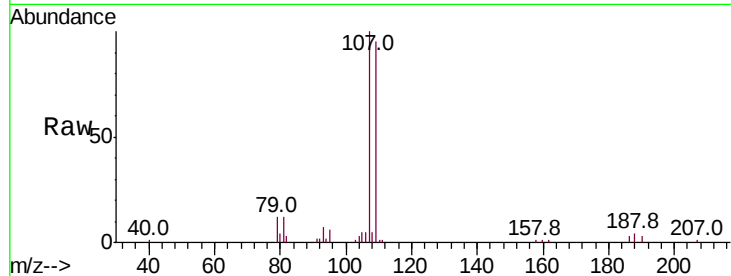




#61
 1,2-Dibromoethane
 Concen: 47.923 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067904.D
 Acq: 08 Dec 2020 09:48

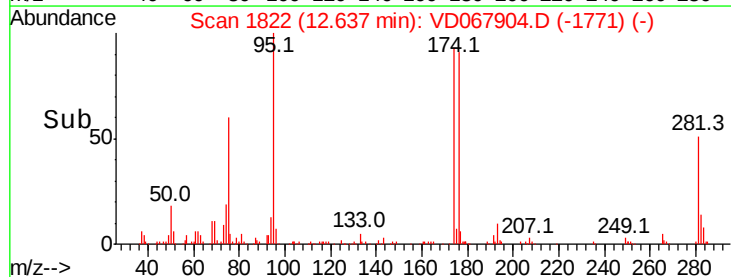
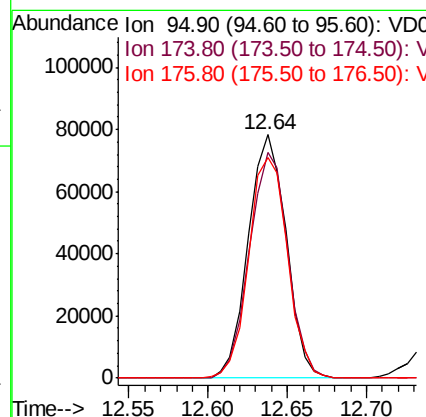
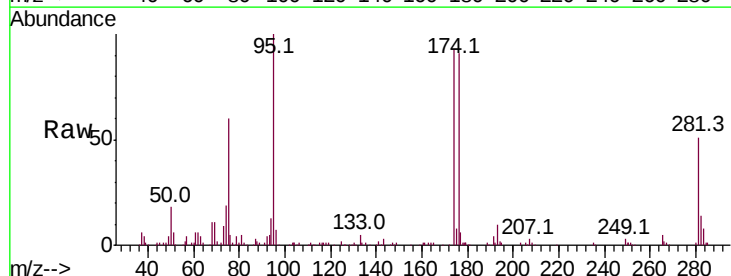
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

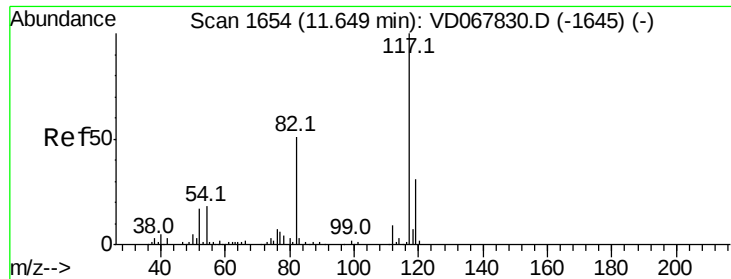
Tot Ion:107 Resp: 63966
 Ion Ratio Lower Upper
 107 100
 109 97.5 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 53.462 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067904.D
 Acq: 08 Dec 2020 09:48

Tgt Ion: 95 Resp: 130633
 Ion Ratio Lower Upper
 95 100
 174 93.7 0.0 186.0
 176 92.5 0.0 184.2

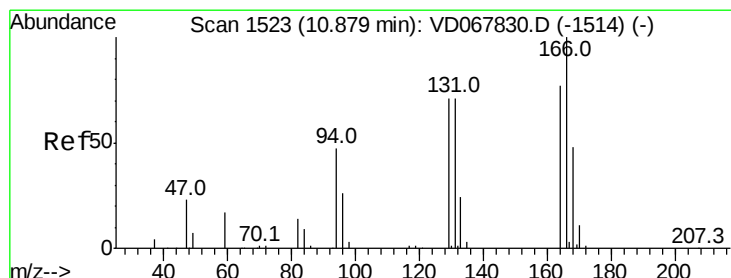
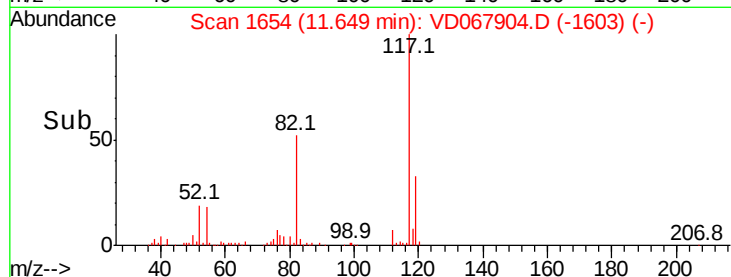
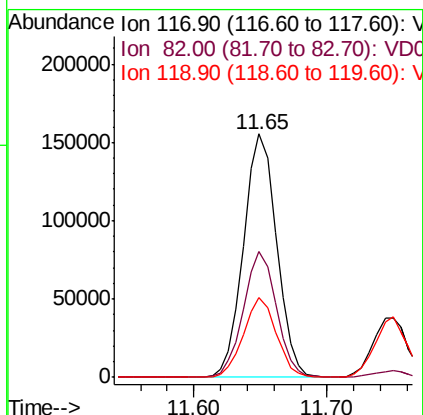
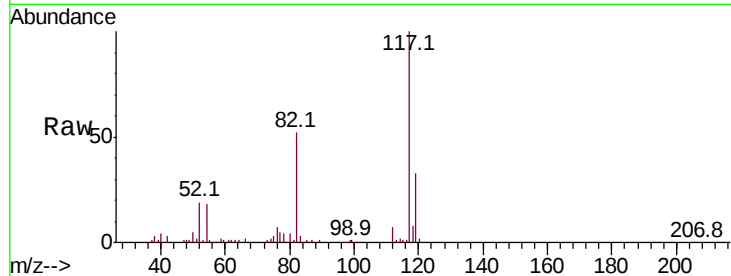




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

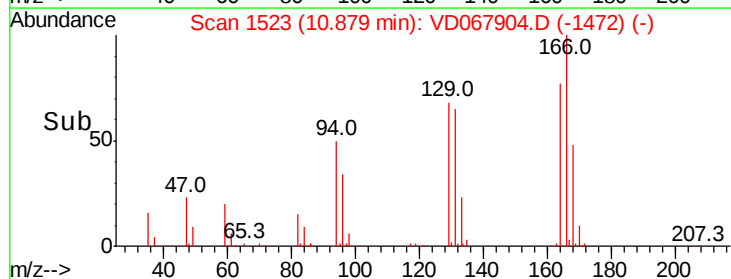
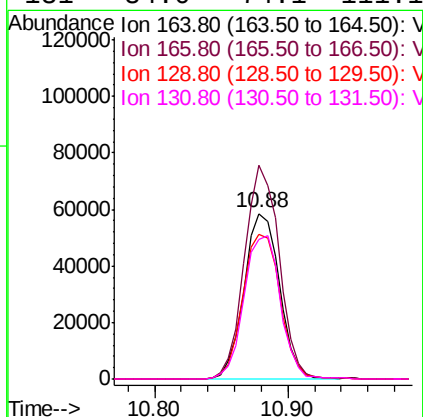
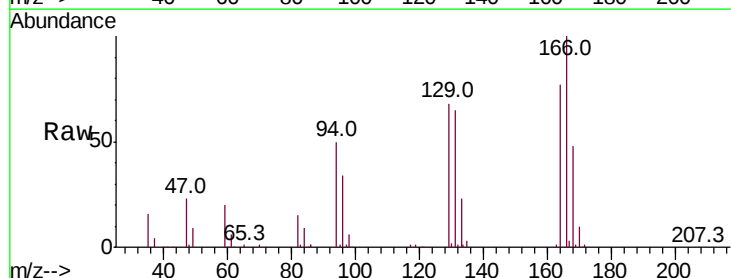
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

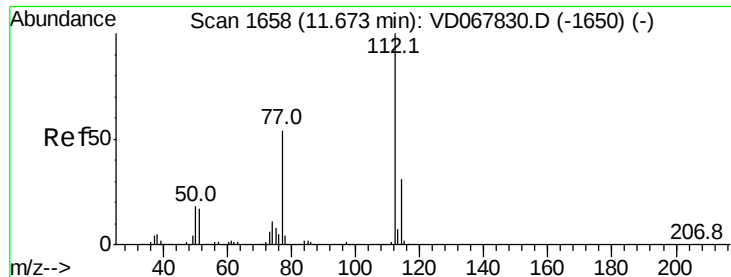
Tot Ion:117 Resp: 266971
Ion Ratio Lower Upper
117 100
82 51.5 40.6 60.8
119 33.0 25.1 37.7



#64
Tetrachloroethene
Concen: 49.465 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

Tgt Ion:164 Resp: 107716
Ion Ratio Lower Upper
164 100
166 129.1 103.8 155.6
129 87.2 73.3 109.9
131 84.0 74.1 111.1





#65

Chlorobenzene

Concen: 51.007 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

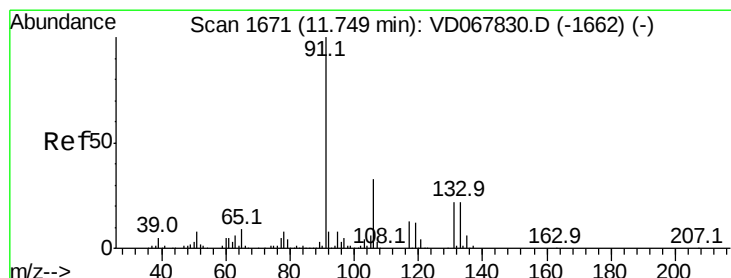
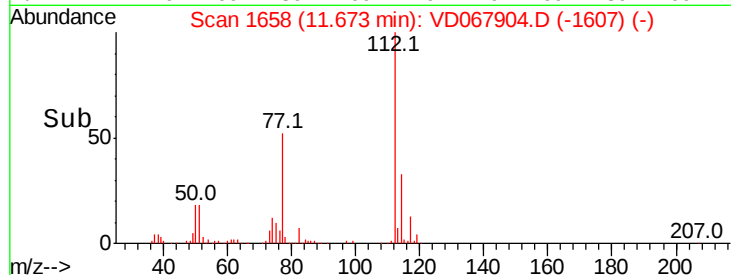
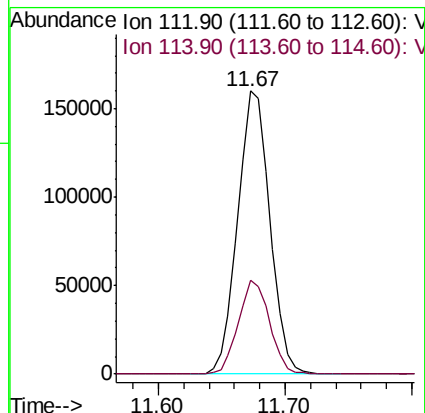
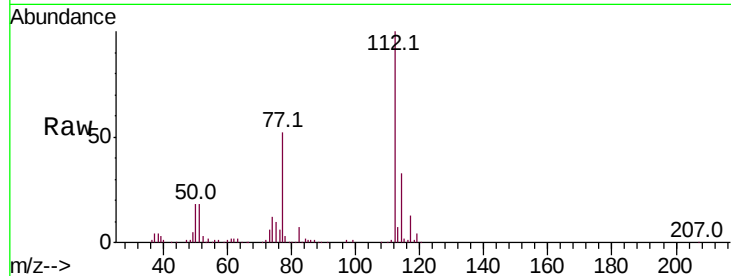
VSTDCCC050

Tot Ion:112 Resp: 280978

Ion Ratio Lower Upper

112 100

114 33.3 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 52.192 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

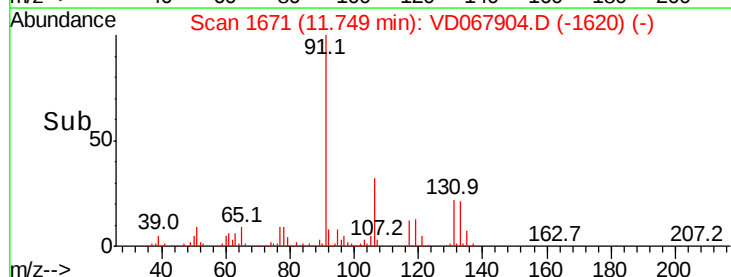
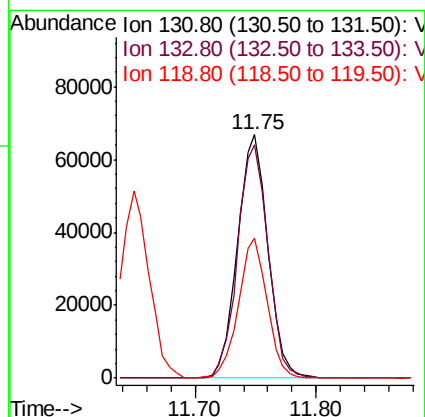
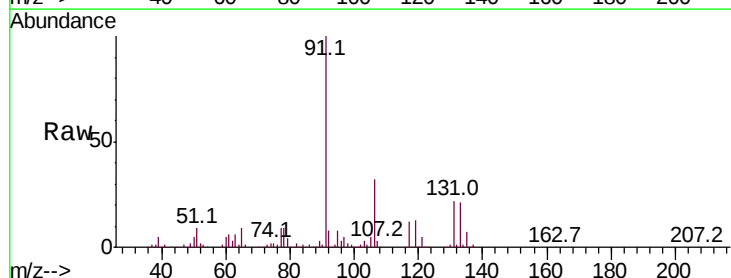
Tgt Ion:131 Resp: 117263

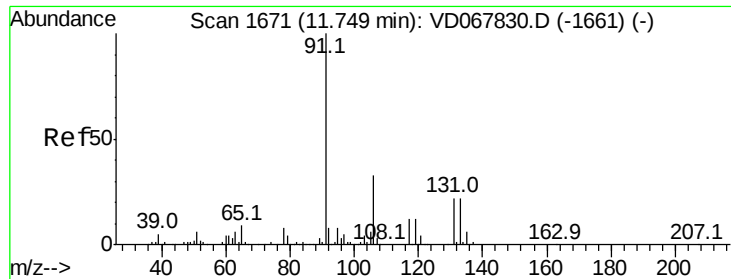
Ion Ratio Lower Upper

131 100

133 96.2 49.9 149.7

119 54.5 29.6 88.9

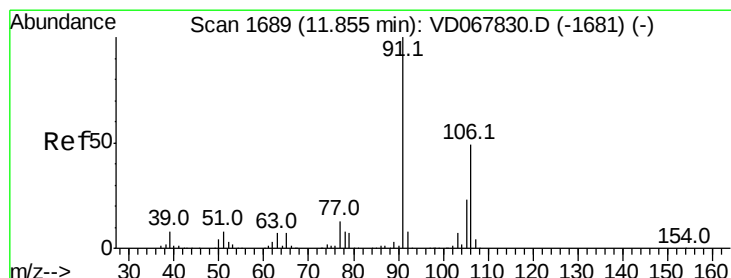
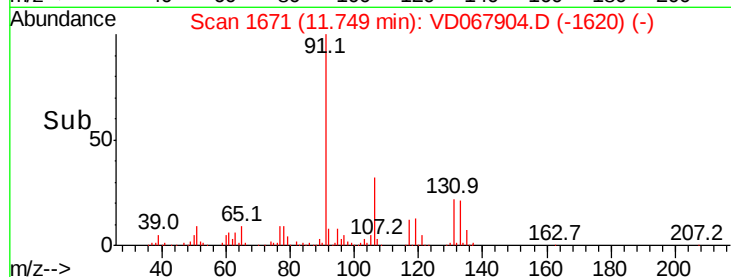
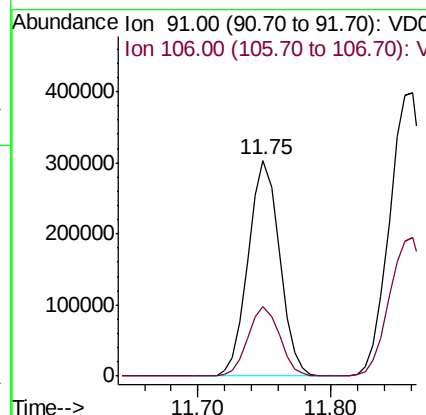
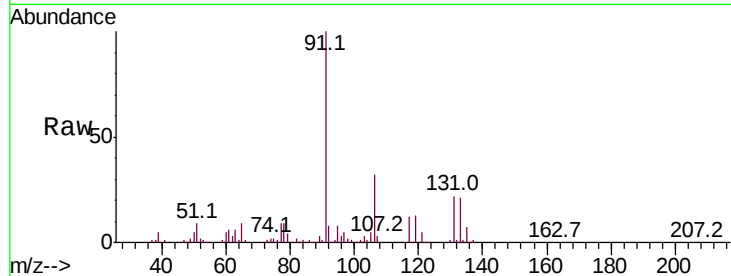




#67
Ethyl Benzene
Concen: 52.573 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

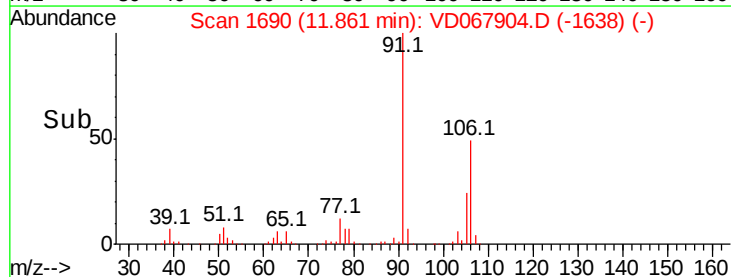
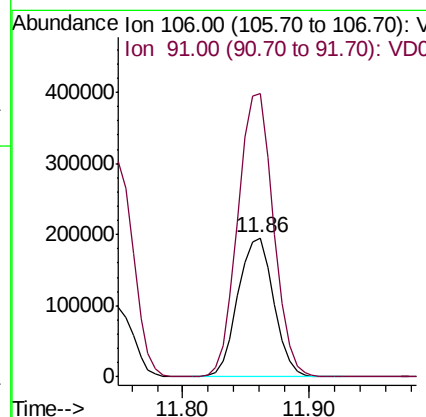
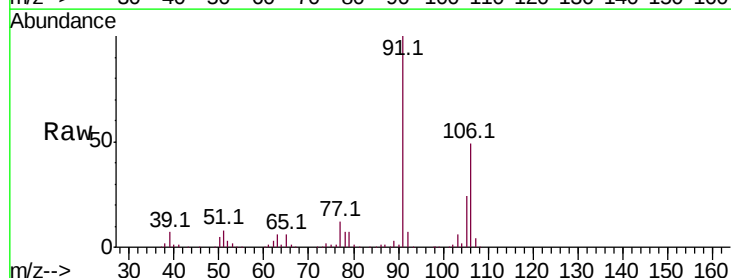
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

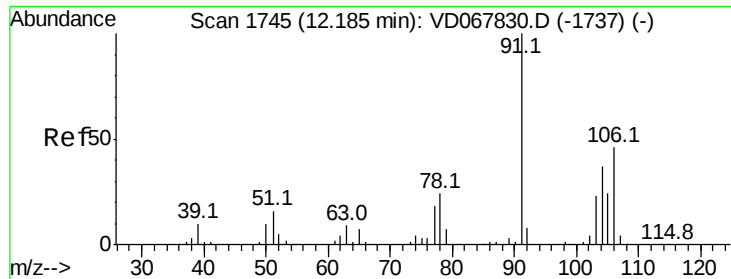
Tot Ion: 91 Resp: 493345
Ion Ratio Lower Upper
91 100
106 32.3 26.2 39.2



#68
m/p-Xylenes
Concen: 103.320 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

Tgt Ion: 106 Resp: 382302
Ion Ratio Lower Upper
106 100
91 203.0 162.8 244.2

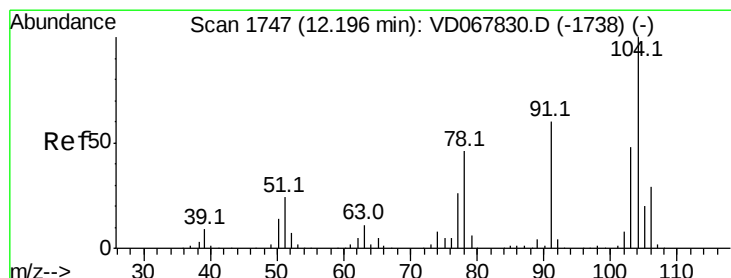
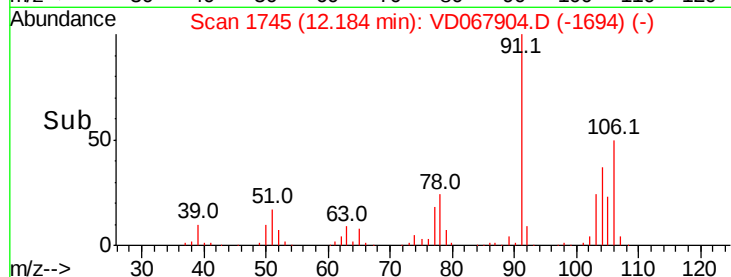
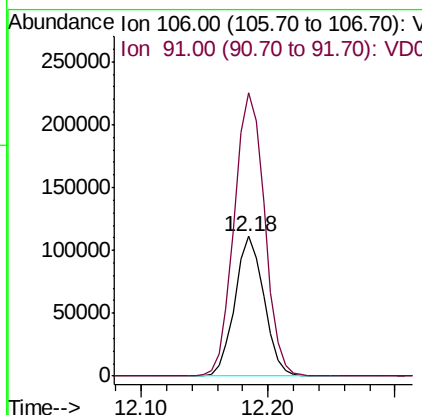
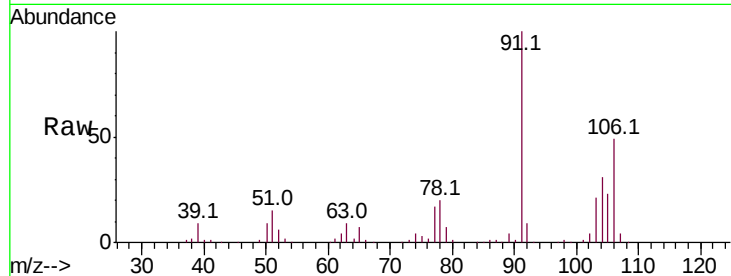




#69
o-Xylene
Concen: 53.791 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

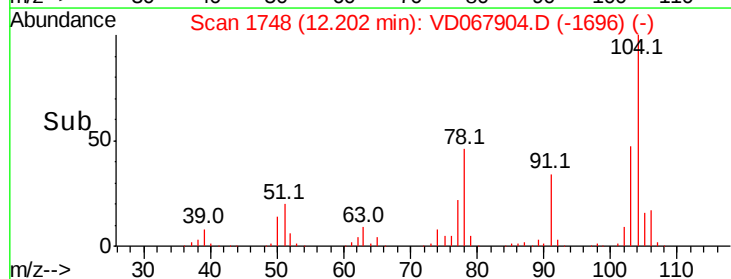
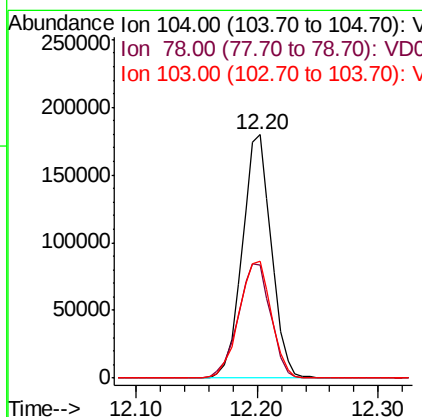
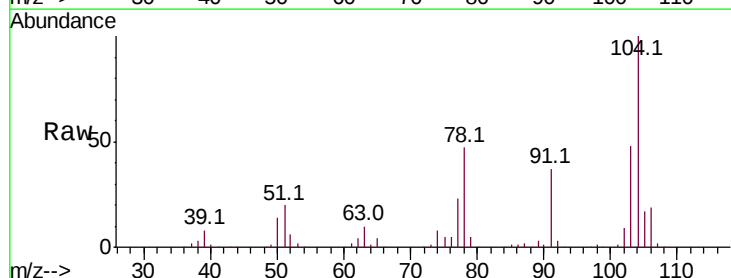
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

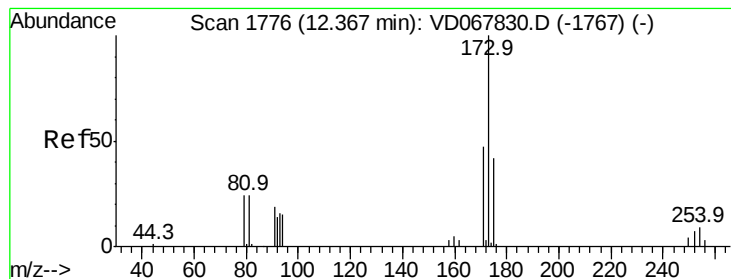
Tot Ion:106 Resp: 176699
Ion Ratio Lower Upper
106 100
91 211.5 107.5 322.5



#70
Styrene
Concen: 52.707 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

Tgt Ion:104 Resp: 301064
Ion Ratio Lower Upper
104 100
78 52.8 41.6 62.4
103 53.2 43.2 64.8





#71

Bromoform

Concen: 52.342 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

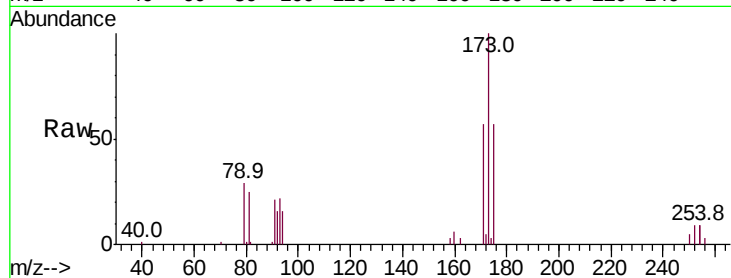
Tot Ion:173 Resp: 62251

Ion Ratio Lower Upper

173 100

175 48.7 23.4 70.3

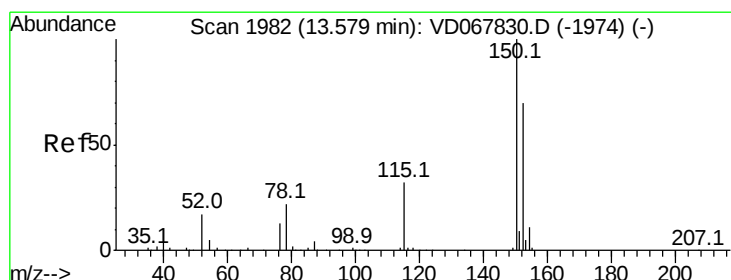
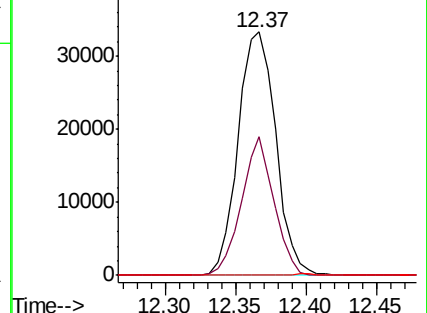
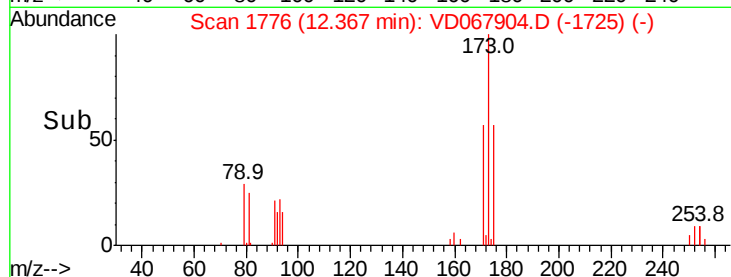
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

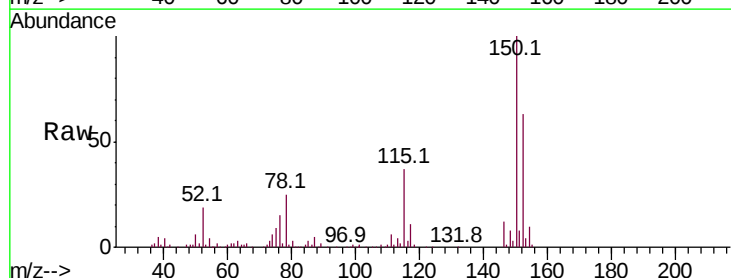
Tgt Ion:152 Resp: 140104

Ion Ratio Lower Upper

152 100

115 59.3 29.1 87.4

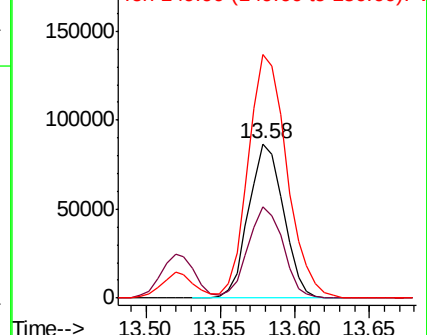
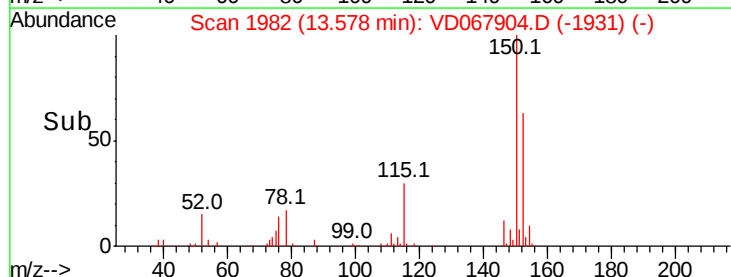
150 174.9 0.0 339.0

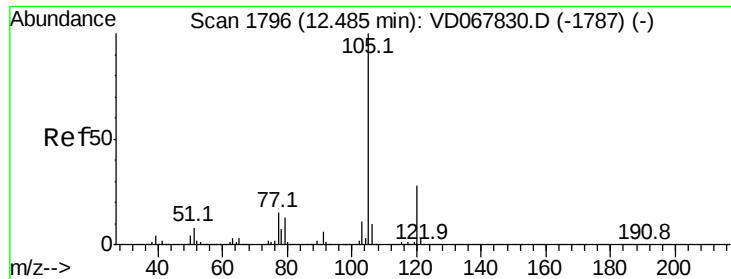


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.412 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

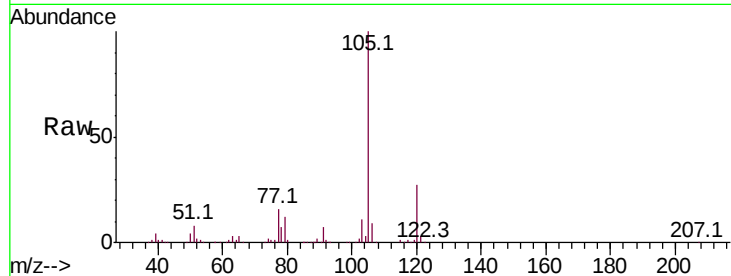
VSTDCCC050

Tot Ion:105 Resp: 495351

Ion Ratio Lower Upper

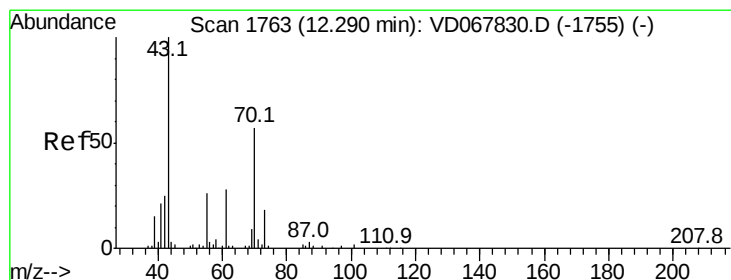
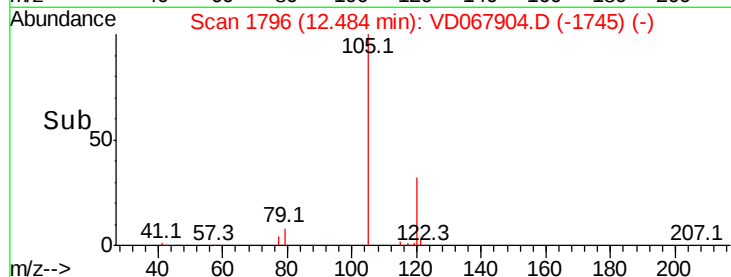
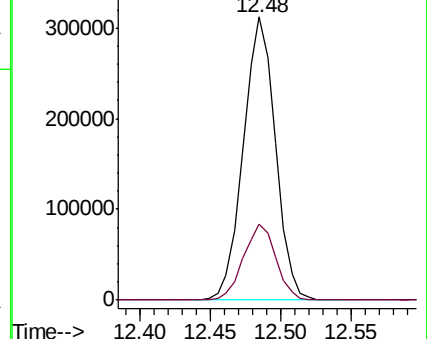
105 100

120 27.1 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.782 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Tgt Ion: 43 Resp: 58138

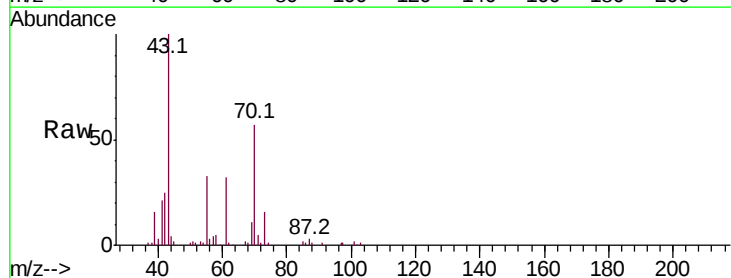
Ion Ratio Lower Upper

43 100

70 57.1 44.6 66.8

55 32.1 22.2 33.2

61 29.0 22.7 34.1

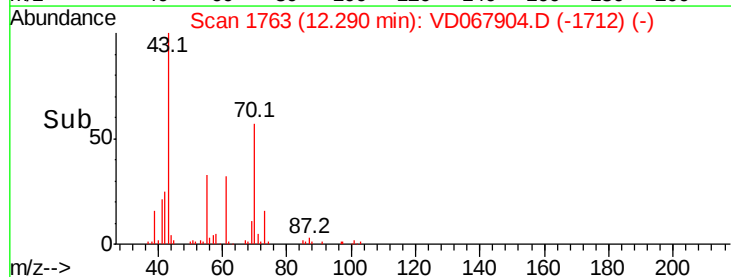
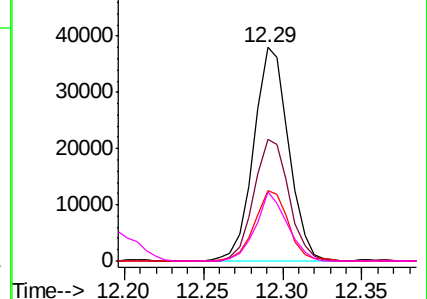


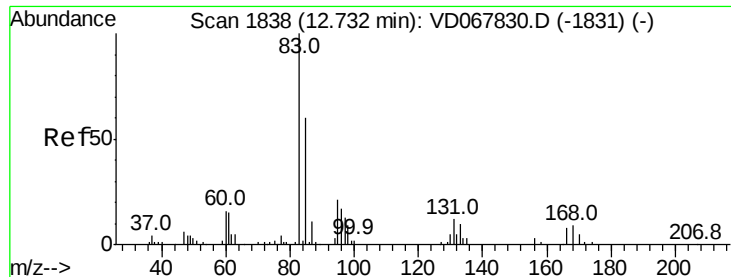
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 47.105 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

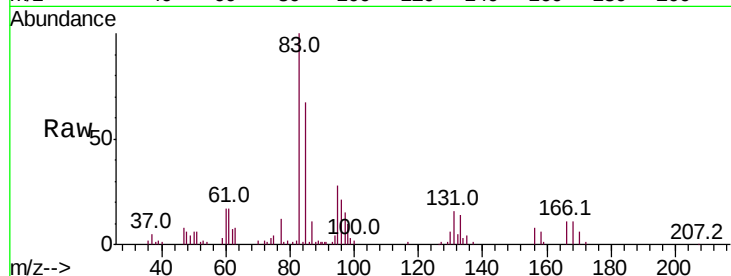
Tot Ion: 83 Resp: 59919

Ion Ratio Lower Upper

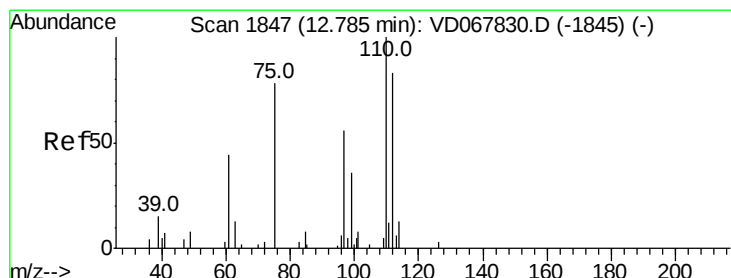
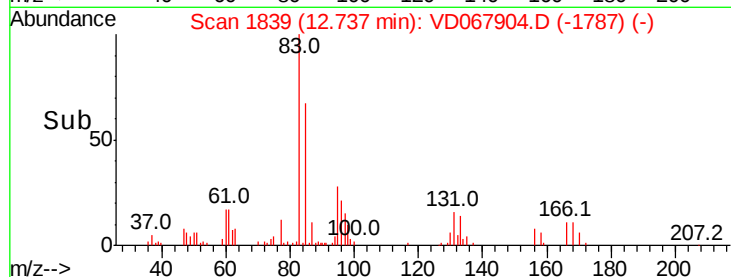
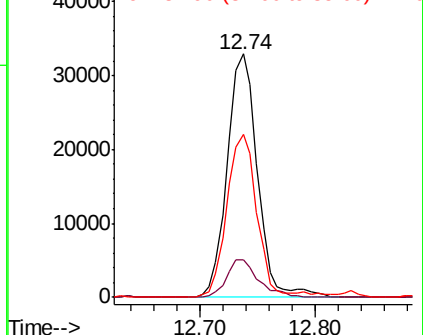
83 100

131 16.3 8.0 24.0

85 65.5 31.7 95.1



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: 89.502 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD067904.D

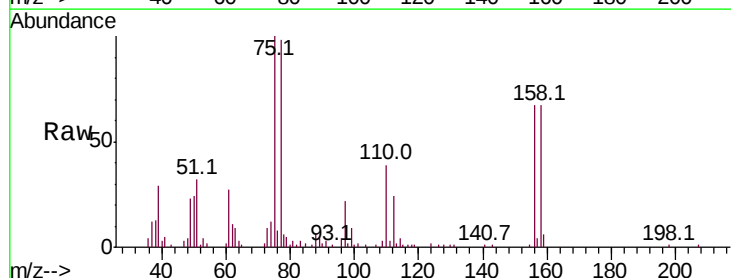
Acq: 08 Dec 2020 09:48

Tgt Ion: 75 Resp: 91317

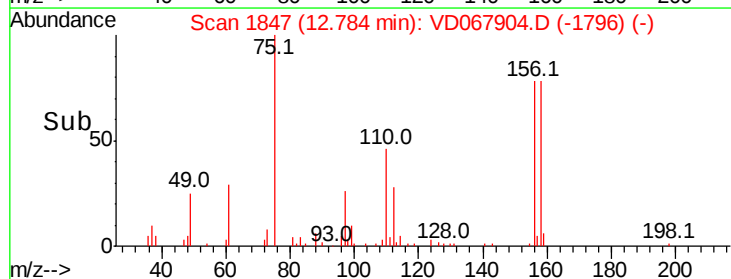
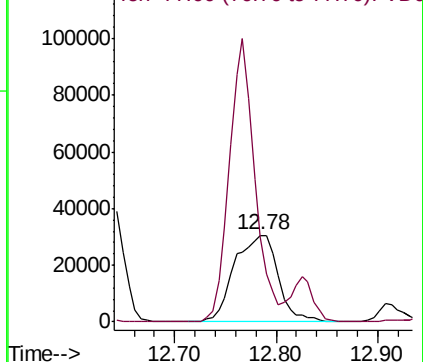
Ion Ratio Lower Upper

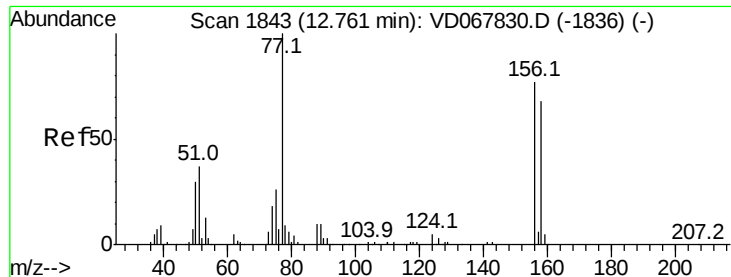
75 100

77 191.7 175.9 527.7



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





#77

Bromobenzene

Concen: 51.780 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

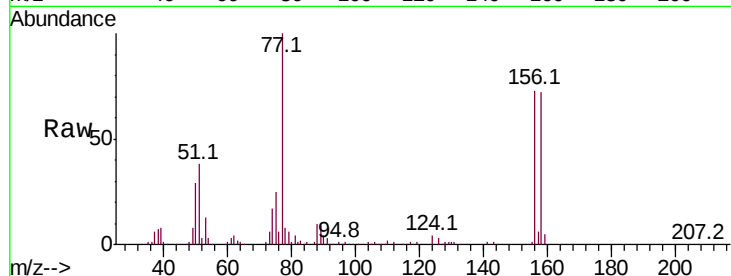
Tot Ion:156 Resp: 124030

Ion Ratio Lower Upper

156 100

77 141.2 71.5 214.5

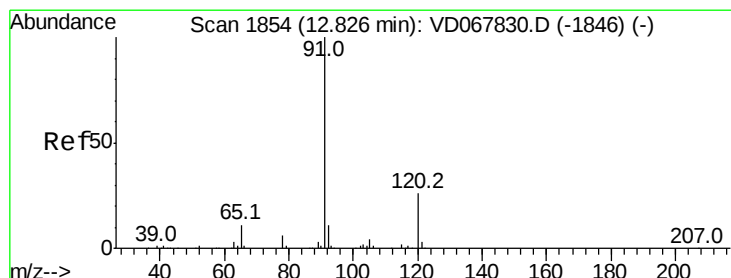
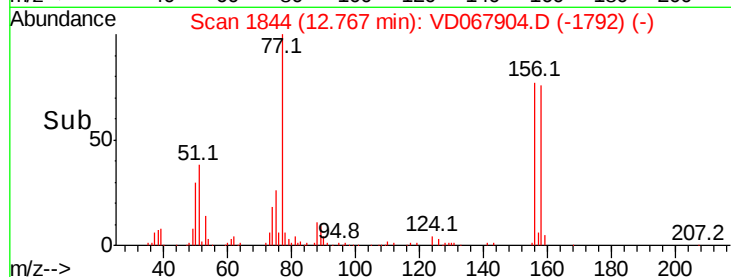
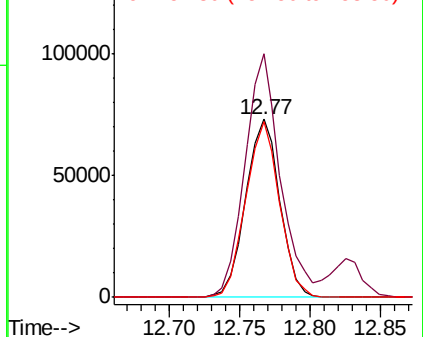
158 97.6 47.1 141.4



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: 51.004 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067904.D

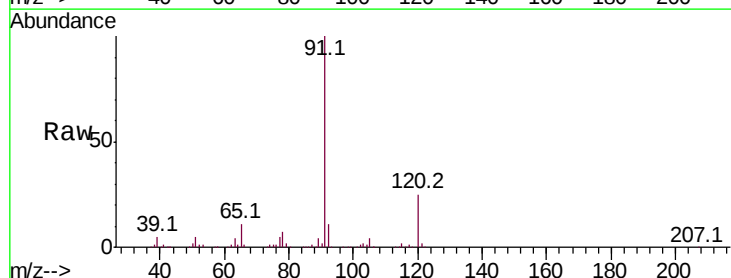
Acq: 08 Dec 2020 09:48

Tgt Ion: 91 Resp: 544665

Ion Ratio Lower Upper

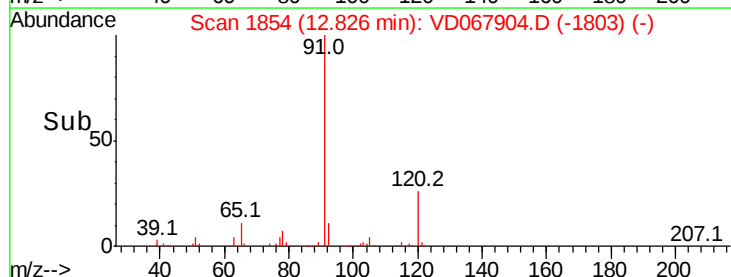
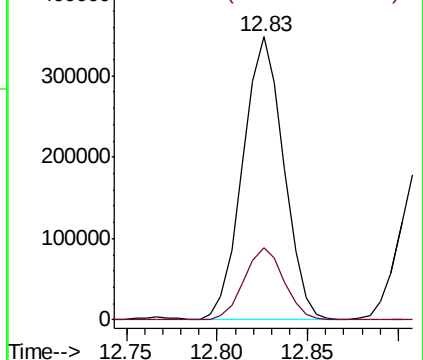
91 100

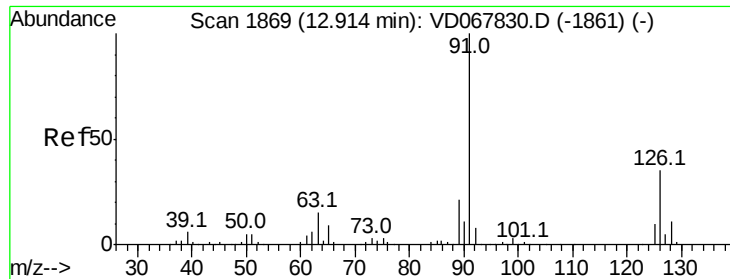
120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

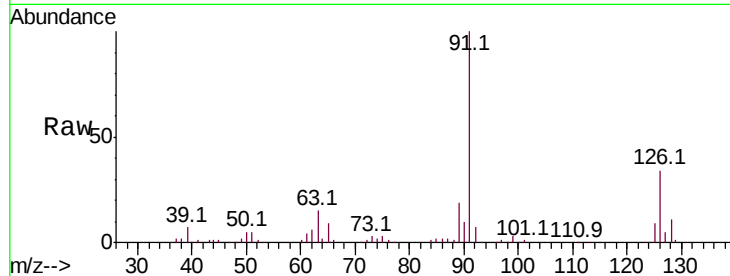




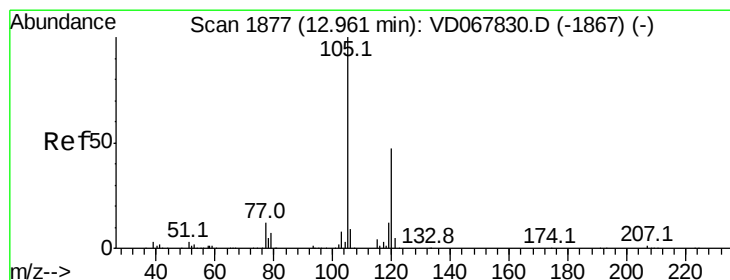
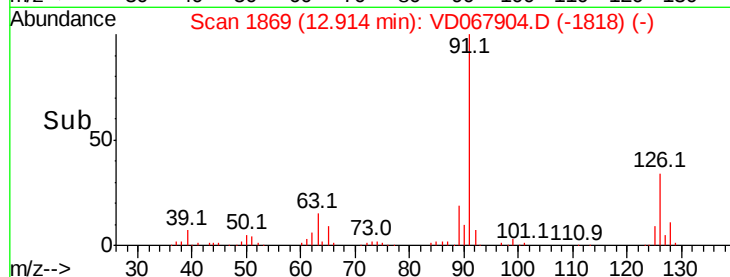
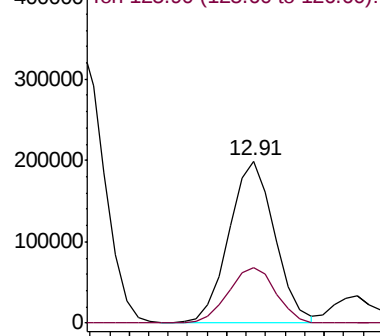
#79
2-Chlorotoluene
Concen: 51.172 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 321480
Ion Ratio Lower Upper
91 100
126 35.7 17.9 53.7

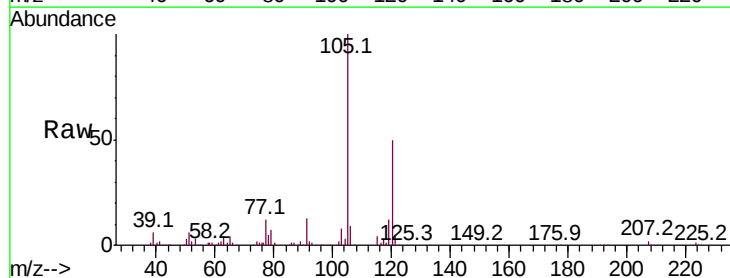


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.90 (125.60 to 126.60): V

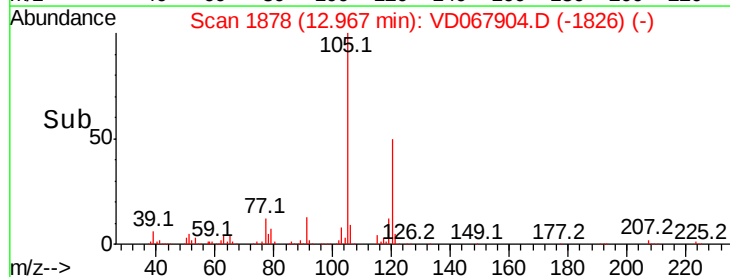
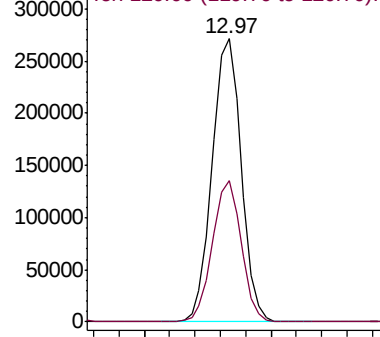


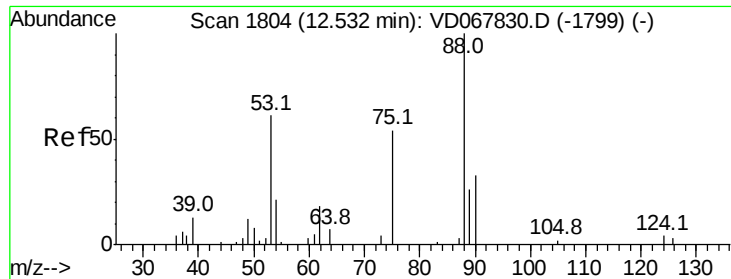
#80
1,3,5-Trimethylbenzene
Concen: 51.771 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

Tgt Ion:105 Resp: 431867
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.028 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

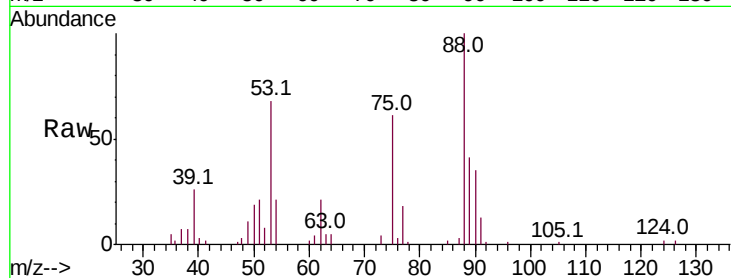
Tot Ion: 75 Resp: 19632

Ion Ratio Lower Upper

75 100

53 115.4 84.6 127.0

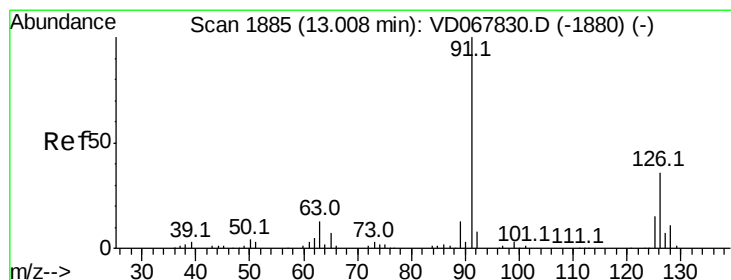
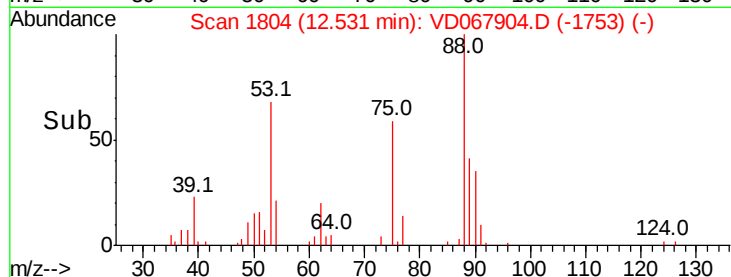
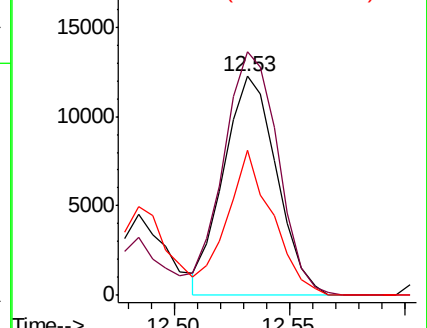
89 57.4 41.0 61.6



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 49.510 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD067904.D

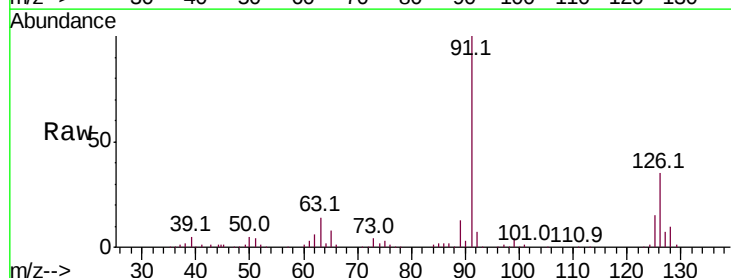
Acq: 08 Dec 2020 09:48

Tgt Ion: 91 Resp: 331791

Ion Ratio Lower Upper

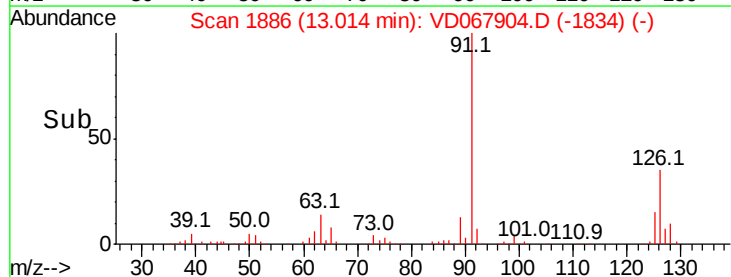
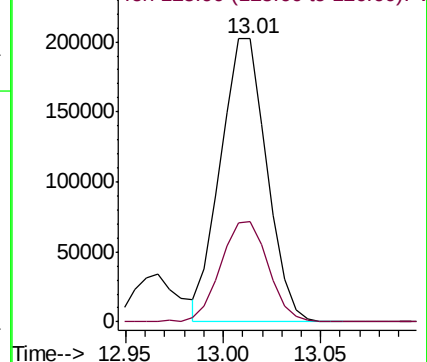
91 100

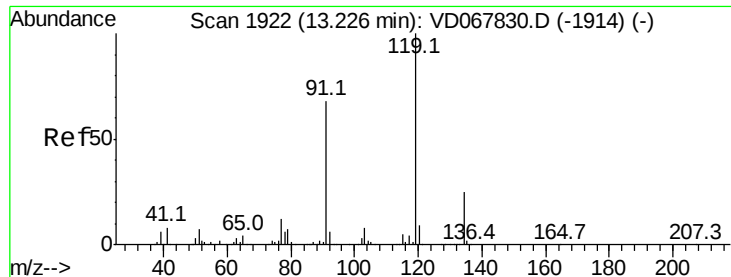
126 36.5 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

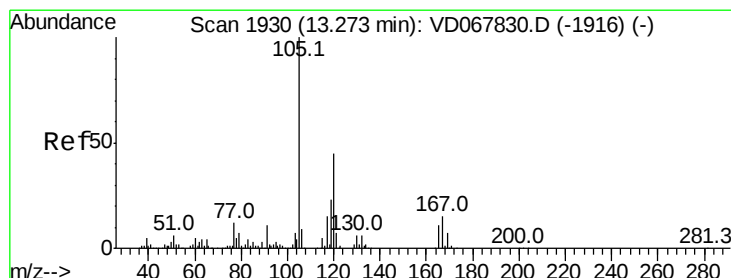
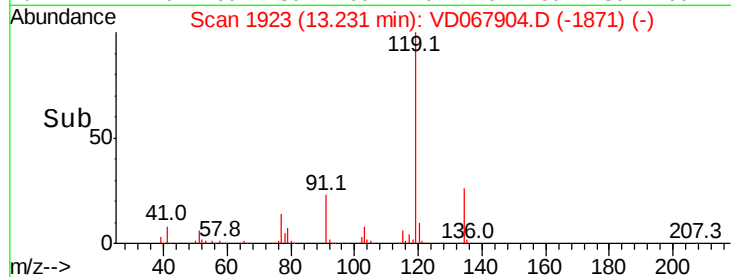
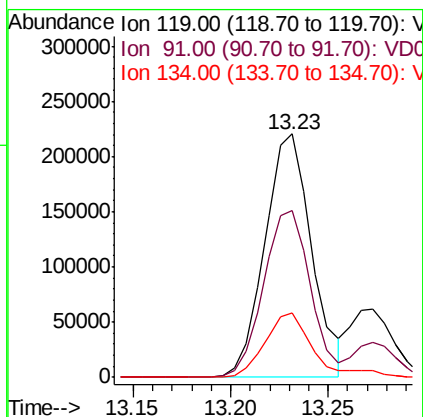
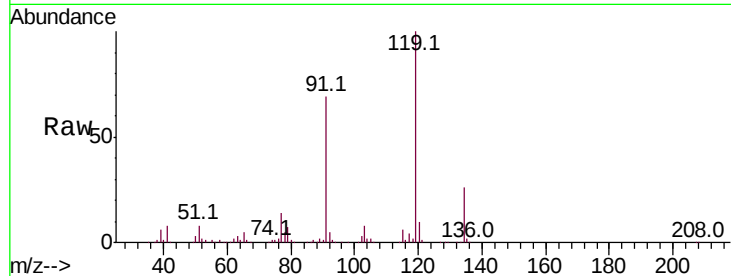




#83
tert-Butylbenzene
Concen: 51.768 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

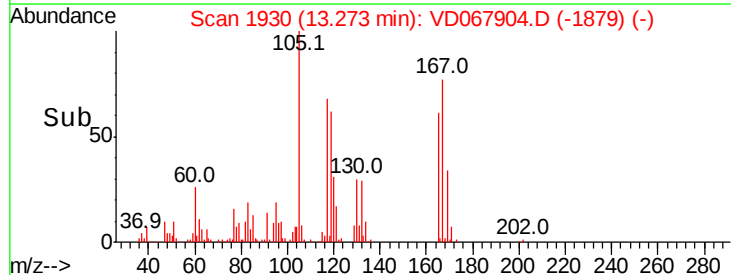
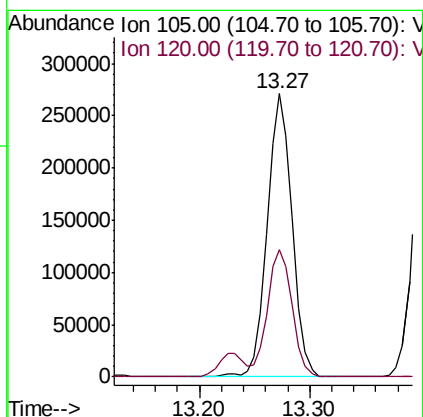
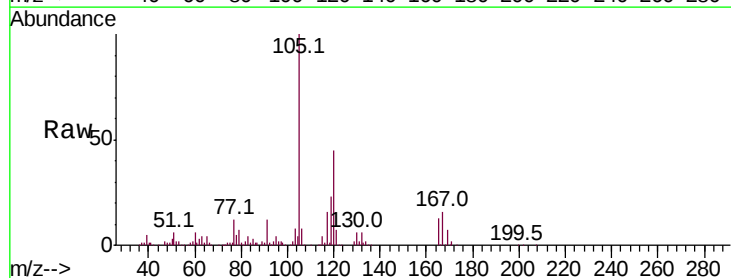
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

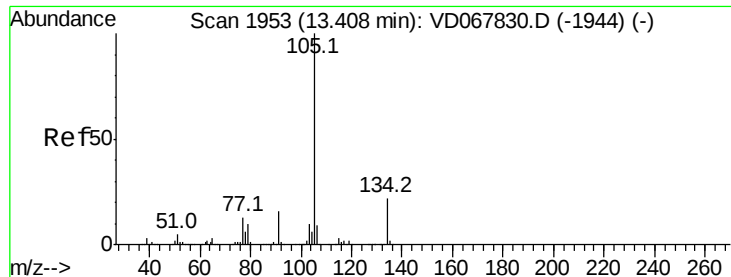
Tot Ion:119 Resp: 367482
Ion Ratio Lower Upper
119 100
91 68.1 33.1 99.3
134 27.5 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 51.375 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

Tgt Ion:105 Resp: 426169
Ion Ratio Lower Upper
105 100
120 45.1 22.1 66.5





#85

sec-Butylbenzene

Concen: 50.736 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

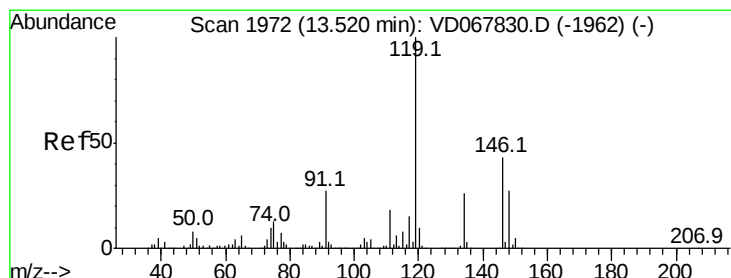
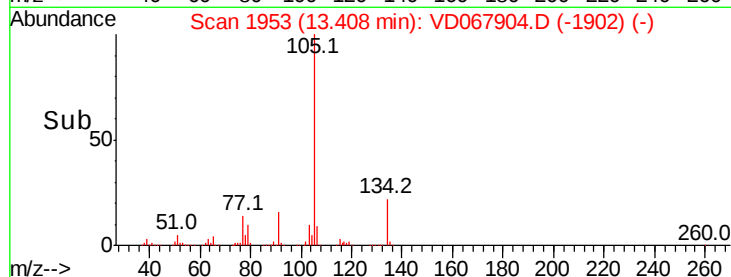
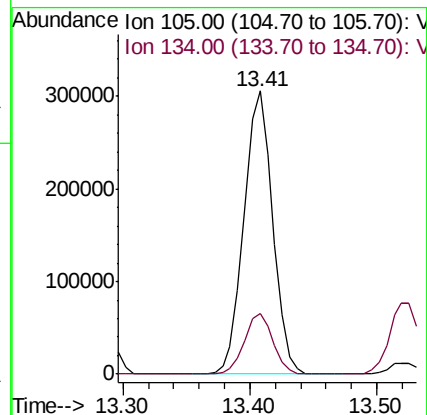
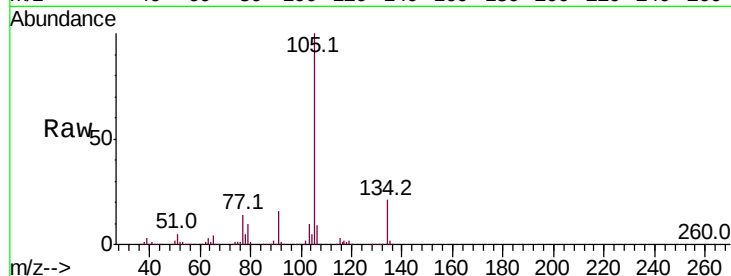
VSTDCCC050

Tot Ion:105 Resp: 480703

Ion Ratio Lower Upper

105 100

134 21.3 10.9 32.9



#86

p-Isopropyltoluene

Concen: 50.726 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

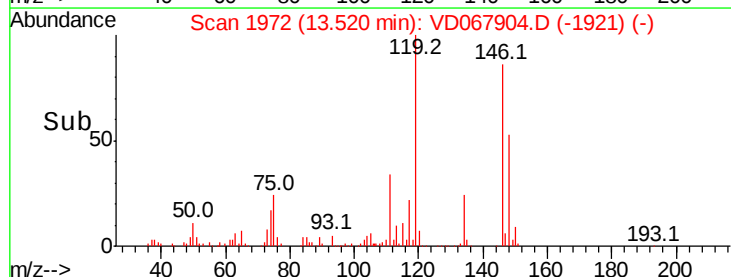
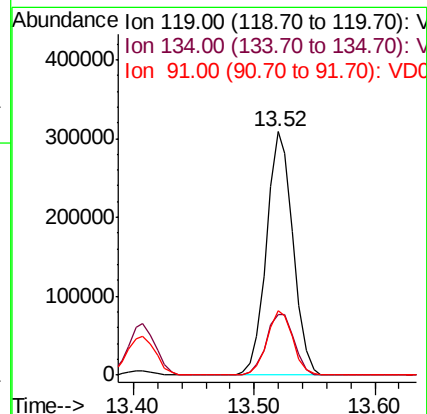
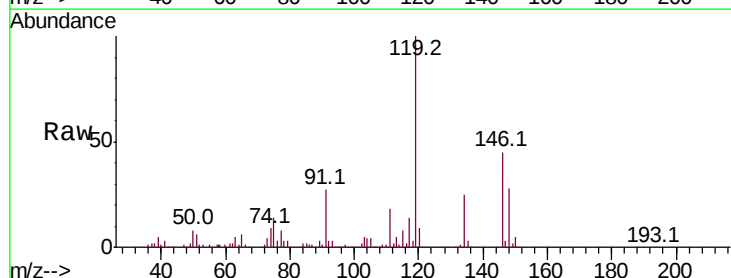
Tgt Ion:119 Resp: 471024

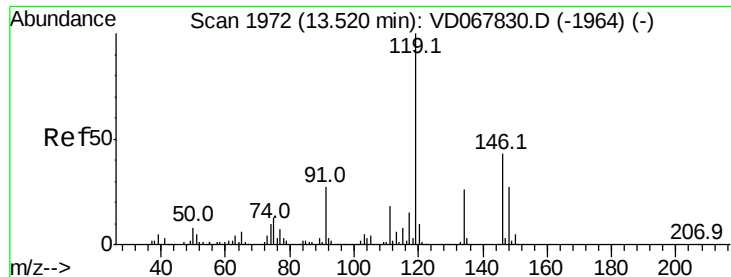
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 25.9 12.8 38.3

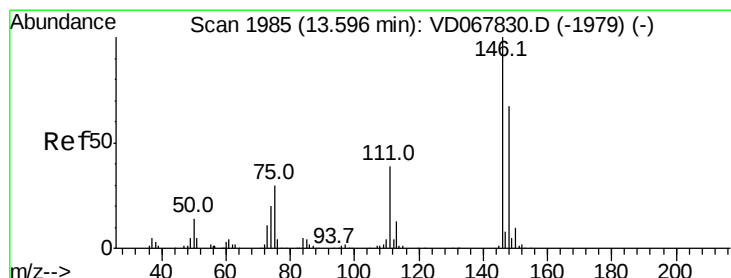
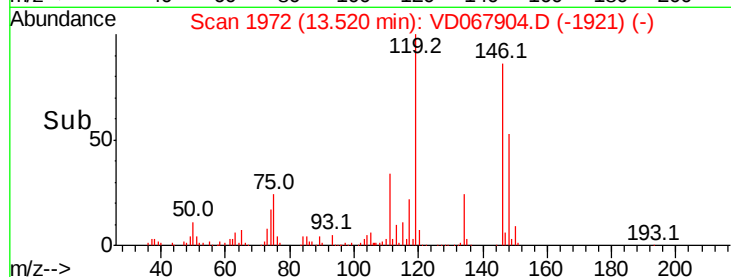
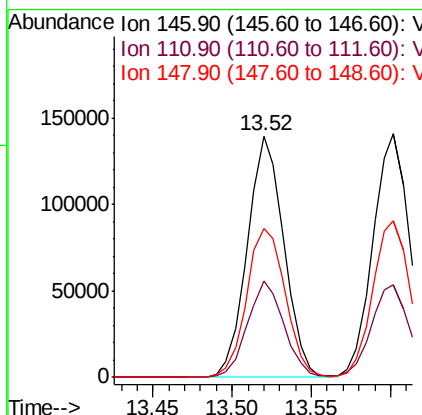
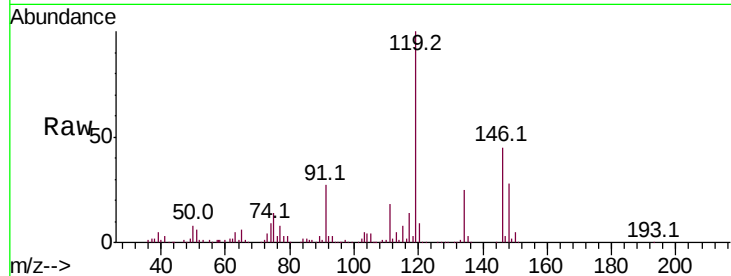




#87
 1,3-Dichlorobenzene
 Concen: 48.509 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067904.D
 Acq: 08 Dec 2020 09:48

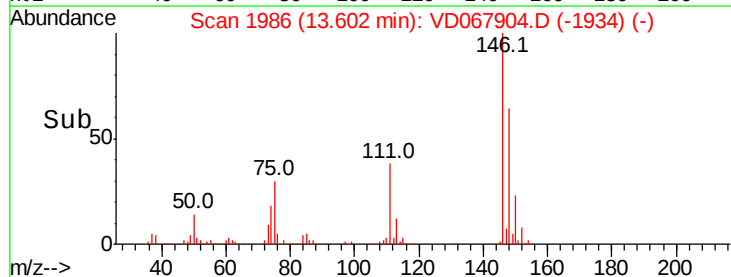
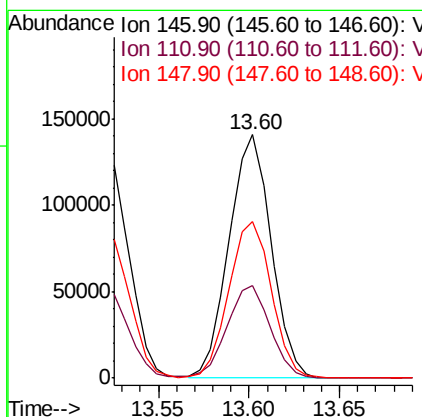
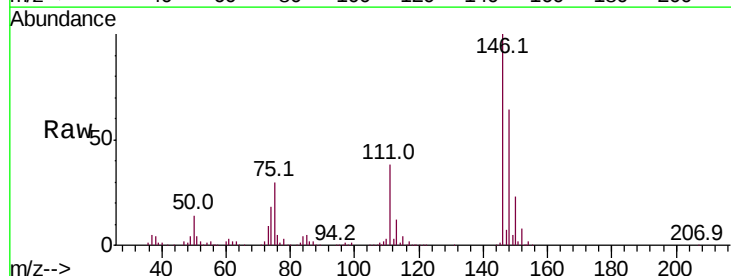
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

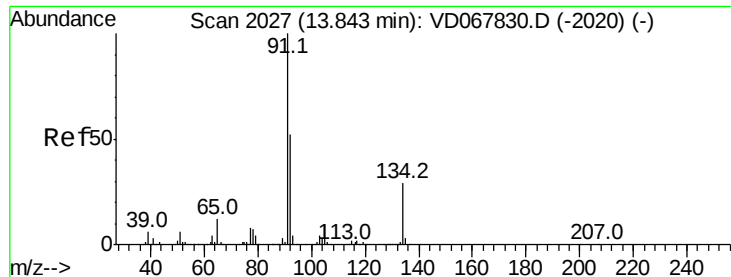
Tot Ion:146 Resp: 224141
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.8 62.2
 148 65.1 32.9 98.6



#88
 1,4-Dichlorobenzene
 Concen: 49.244 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067904.D
 Acq: 08 Dec 2020 09:48

Tgt Ion:146 Resp: 227635
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.9 59.6
 148 65.3 32.4 97.2

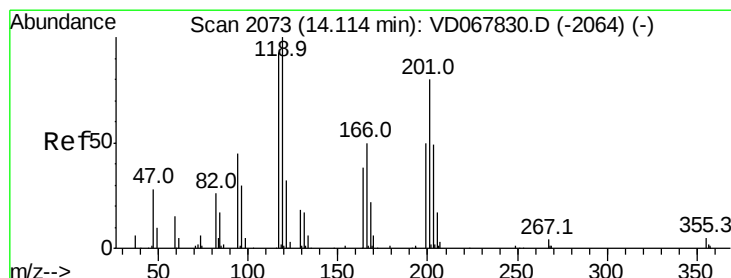
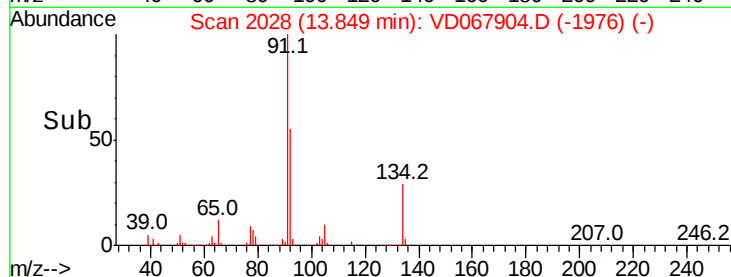
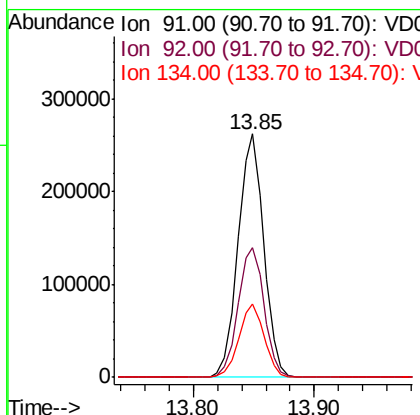
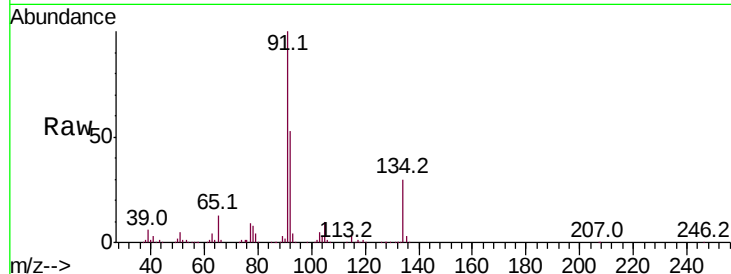




#89
n-Butylbenzene
Concen: 50.438 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

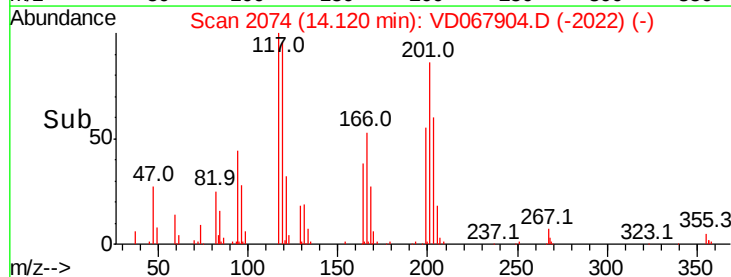
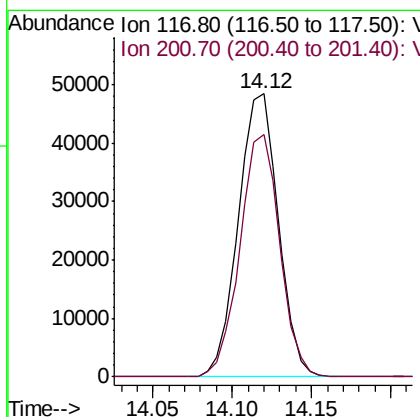
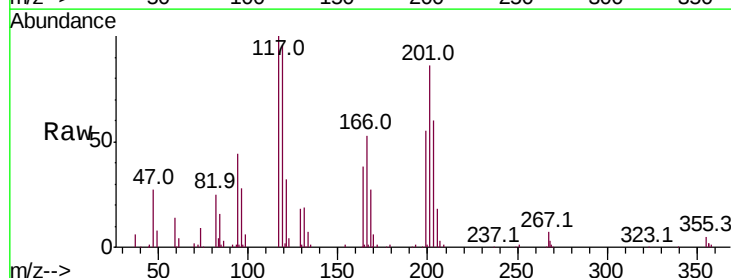
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

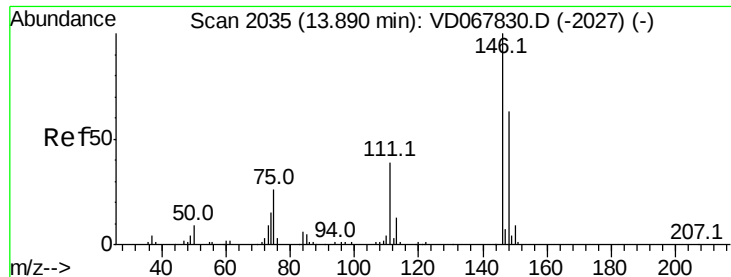
Tot Ion: 91 Resp: 389108
Ion Ratio Lower Upper
91 100
92 54.0 26.3 78.8
134 29.9 14.8 44.3



#90
Hexachloroethane
Concen: 49.504 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

Tgt Ion: 117 Resp: 84868
Ion Ratio Lower Upper
117 100
201 85.3 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 48.924 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

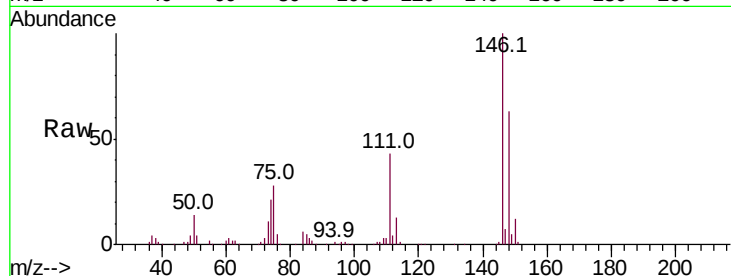
Tot Ion:146 Resp: 196057

Ion Ratio Lower Upper

146 100

111 41.5 20.4 61.2

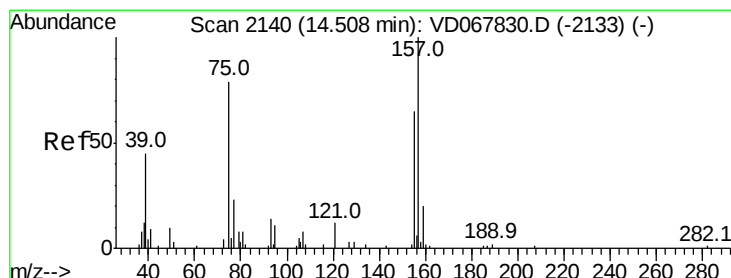
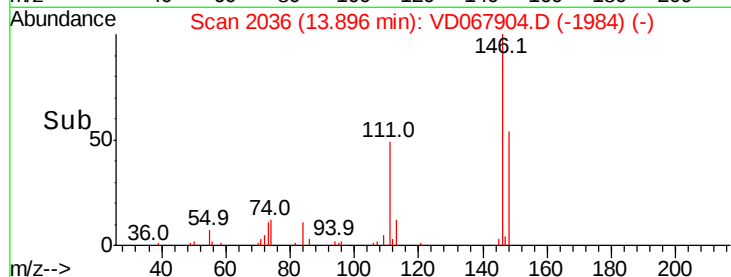
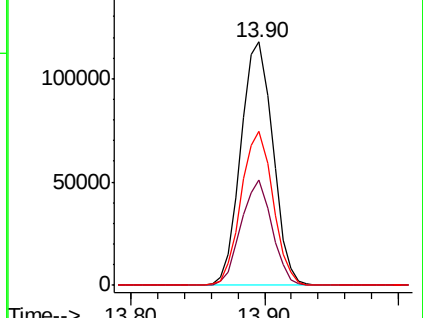
148 63.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.040 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.01 min

Lab File: VD067904.D

Acq: 08 Dec 2020 09:48

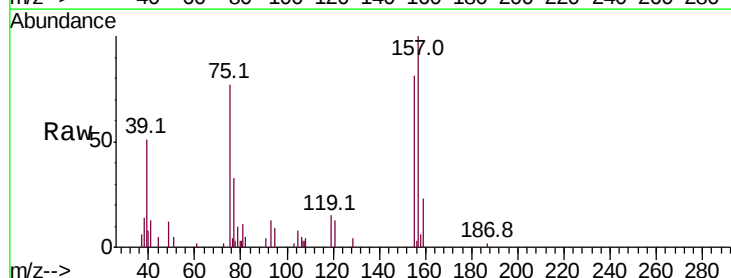
Tgt Ion: 75 Resp: 12488

Ion Ratio Lower Upper

75 100

155 92.6 44.1 132.4

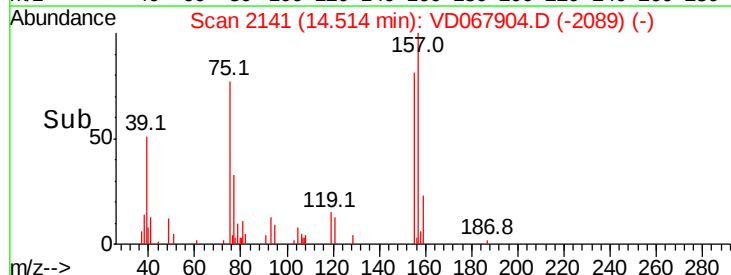
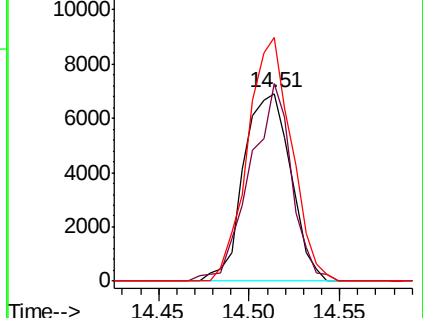
157 120.9 62.4 187.2

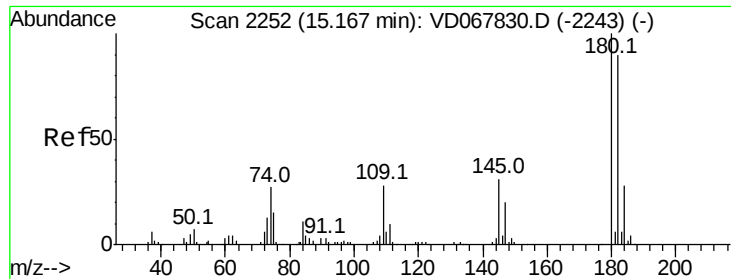


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

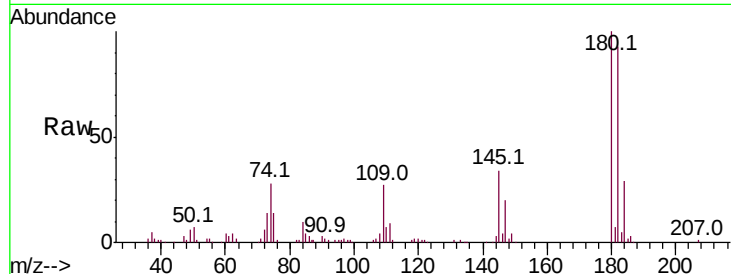




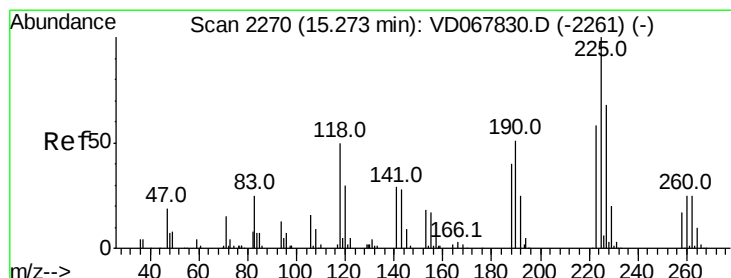
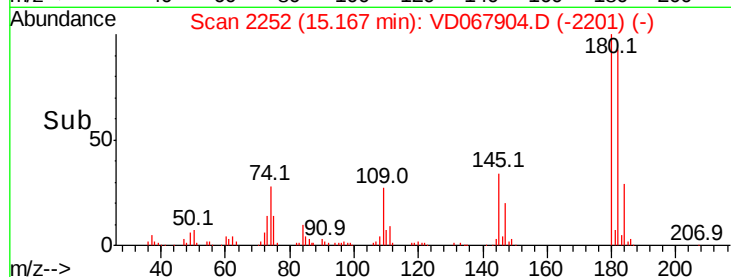
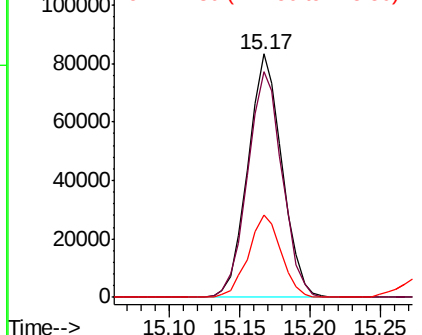
#93
 1,2,4-Trichlorobenzene
 Concen: 50.302 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067904.D
 Acq: 08 Dec 2020 09:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.5	142.6
145	32.8	16.4	49.4

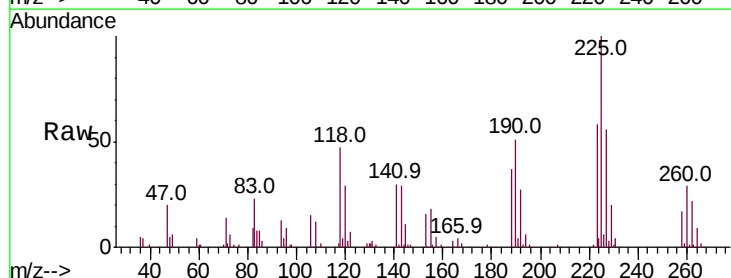


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

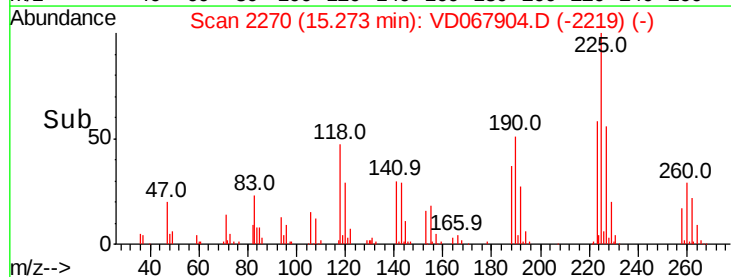
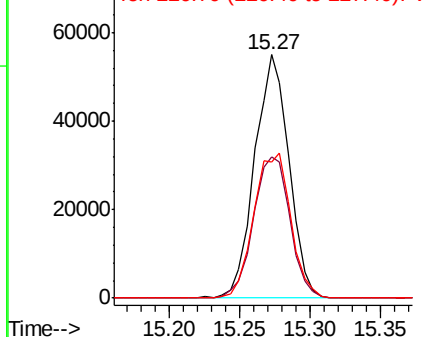


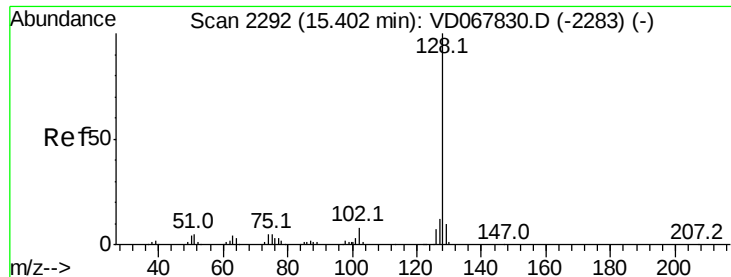
#94
 Hexachlorobutadiene
 Concen: 51.314 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067904.D
 Acq: 08 Dec 2020 09:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.1	93.3
227	64.2	33.1	99.3



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

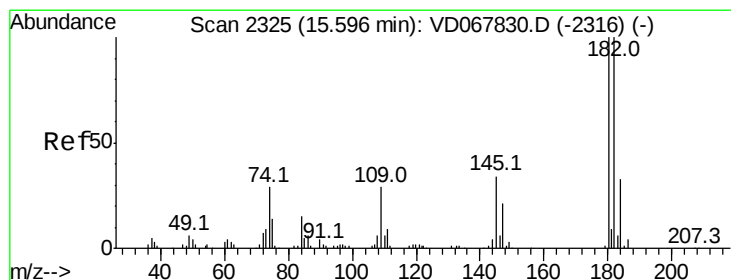
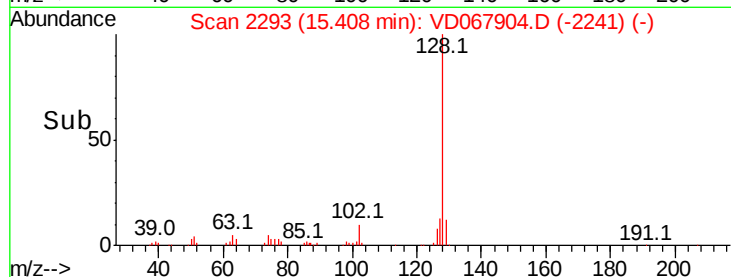
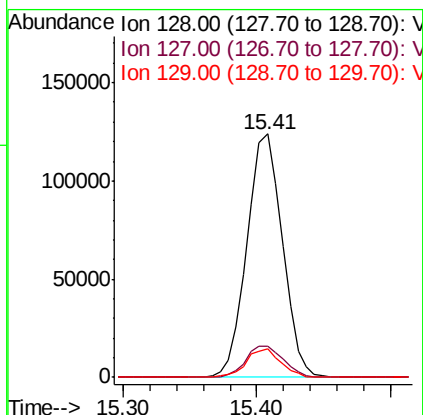
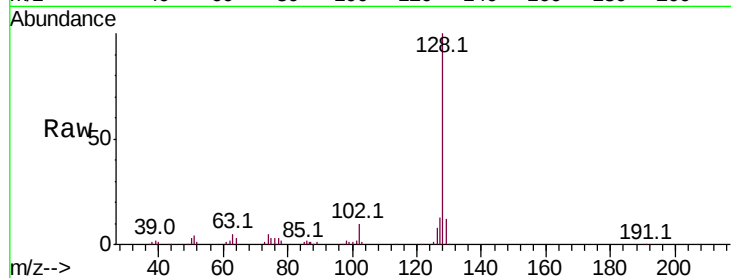




#95
Naphthalene
Concen: 49.852 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.01 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 227393
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.3 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 50.268 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.01 min
Lab File: VD067904.D
Acq: 08 Dec 2020 09:48

Tgt Ion:180 Resp: 121687
Ion Ratio Lower Upper
180 100
182 95.0 47.3 142.0
145 33.8 16.8 50.4

