

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122220\
 Data File : VD067937.D
 Acq On : 22 Dec 2020 16:45
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Dec 23 07:09:05 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:02:51 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	277910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	492774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	451059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	216016	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	69328	23.68	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	47.36%#
35) Dibromofluoromethane	7.914	113	67208	20.88	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.76%#
50) Toluene-d8	10.344	98	255818	21.99	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	43.98%#
62) 4-Bromofluorobenzene	12.632	95	86029	21.42	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	42.84%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.991	85	53601	21.69	ug/l 98
3) Chloromethane	2.209	50	84312	48.07	ug/l 96
4) Vinyl Chloride	2.350	62	77521	38.11	ug/l 100
5) Bromomethane	2.756	94	56765	33.33	ug/l 91
6) Chloroethane	2.921	64	47653	36.91	ug/l 100
7) Trichlorofluoromethane	3.274	101	111396	20.81	ug/l 99
8) Diethyl Ether	3.709	74	31362	27.81	ug/l 95
9) 1,1,2-Trichlorotrifluo...	4.097	101	66948	26.29	ug/l 97
10) Methyl Iodide	4.309	142	52901	19.84	ug/l 97
11) Tert butyl alcohol	5.215	59	25915	110.77	ug/l # 85
12) 1,1-Dichloroethene	4.068	96	63940	26.52	ug/l 95
13) Acrolein	3.921	56	21995	170.12	ug/l 95
14) Allyl chloride	4.715	41	115408	43.49	ug/l 99
15) Acrylonitrile	5.426	53	78055	187.59	ug/l 99
16) Acetone	4.156	43	61772	160.47	ug/l # 85
17) Carbon Disulfide	4.409	76	222269	31.28	ug/l 99
18) Methyl Acetate	4.715	43	36820	41.08	ug/l 99
19) Methyl tert-butyl Ether	5.473	73	134269	26.27	ug/l 98
20) Methylene Chloride	4.968	84	98629	32.68	ug/l 96
21) trans-1,2-Dichloroethene	5.473	96	76795	27.59	ug/l 98
22) Diisopropyl ether	6.367	45	245358	45.83	ug/l 97
23) Vinyl Acetate	6.309	43	600731	207.91	ug/l 98
24) 1,1-Dichloroethane	6.267	63	143358	34.48	ug/l 98
25) 2-Butanone	7.215	43	90562	200.51	ug/l 93
26) 2,2-Dichloropropane	7.215	77	110244	24.17	ug/l 98
27) cis-1,2-Dichloroethene	7.220	96	81886	27.12	ug/l 96
28) Bromochloromethane	7.550	49	52119	36.83	ug/l 98
29) Tetrahydrofuran	7.567	42	61782	226.04	ug/l 96
30) Chloroform	7.714	83	141380	26.97	ug/l 99
31) Cyclohexane	7.985	56	126802	35.35	ug/l # 87
32) 1,1,1-Trichloroethane	7.903	97	117563	22.14	ug/l 99
36) 1,1-Dichloropropene	8.114	75	107345	24.42	ug/l 99
37) Ethyl Acetate	7.297	43	47307	36.48	ug/l 96
38) Carbon Tetrachloride	8.097	117	103624	16.78	ug/l 93
39) Methylcyclohexane	9.361	83	114368	22.24	ug/l 98
40) Benzene	8.356	78	311834	25.57	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.562	41	63739	95.32	ug/l #	23
42) 1,2-Dichloroethane	8.426	62	88662	21.69	ug/l	99
43) Isopropyl Acetate	8.456	43	80418	32.15	ug/l	98
44) Trichloroethene	9.114	130	78187	19.77	ug/l	99
45) 1,2-Dichloropropane	9.391	63	82353	31.47	ug/l	100
46) Dibromomethane	9.479	93	39532	23.55	ug/l	99
47) Bromodichloromethane	9.667	83	106328	22.20	ug/l	94
48) Methyl methacrylate	9.456	41	44003	34.24	ug/l	95
49) 1,4-Dioxane	9.467	88	8305	432.22	ug/l #	83
51) 4-Methyl-2-Pentanone	10.232	43	210639	173.48	ug/l	97
52) Toluene	10.408	92	194916	23.42	ug/l	99
53) t-1,3-Dichloropropene	10.626	75	95723	23.06	ug/l	95
54) cis-1,3-Dichloropropene	10.097	75	118717	25.69	ug/l	99
55) 1,1,2-Trichloroethane	10.803	97	56220	24.16	ug/l	93
56) Ethyl methacrylate	10.661	69	60670	25.19	ug/l #	93
57) 1,3-Dichloropropane	10.950	76	96859	25.67	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	138242	123.04	ug/l	98
59) 2-Hexanone	10.991	43	138921	166.27	ug/l	94
60) Dibromochloromethane	11.144	129	70447	20.77	ug/l	99
61) 1,2-Dibromoethane	11.250	107	52493	23.05	ug/l	99
64) Tetrachloroethene	10.879	164	64355	17.96	ug/l	97
65) Chlorobenzene	11.673	112	202704	21.77	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.744	131	71550	19.19	ug/l	97
67) Ethyl Benzene	11.750	91	356472	22.24	ug/l	97
68) m/p-Xylenes	11.855	106	276608	43.97	ug/l	99
69) o-Xylene	12.185	106	122451	21.94	ug/l	99
70) Styrene	12.197	104	218391	22.49	ug/l	98
71) Bromoform	12.367	173	35625	18.36	ug/l #	99
73) Isopropylbenzene	12.485	105	328603	22.04	ug/l	99
74) N-amyl acetate	12.291	43	75869	36.10	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	62899	30.14	ug/l	97
76) 1,2,3-Trichloropropane	12.785	75	78634	48.56	ug/l #	100
77) Bromobenzene	12.761	156	76415	20.90	ug/l	97
78) n-propylbenzene	12.820	91	411558	24.40	ug/l	100
79) 2-Chlorotoluene	12.908	91	234076	23.76	ug/l	100
80) 1,3,5-Trimethylbenzene	12.961	105	278484	21.73	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.532	75	18316	26.69	ug/l	98
82) 4-Chlorotoluene	13.008	91	247470	23.59	ug/l	99
83) tert-Butylbenzene	13.226	119	219999	20.39	ug/l	97
84) 1,2,4-Trimethylbenzene	13.273	105	282150	22.11	ug/l	100
85) sec-Butylbenzene	13.402	105	332618	22.61	ug/l	99
86) p-Isopropyltoluene	13.520	119	281207	19.85	ug/l	97
87) 1,3-Dichlorobenzene	13.520	146	150758	21.20	ug/l	99
88) 1,4-Dichlorobenzene	13.597	146	154565	21.76	ug/l	98
89) n-Butylbenzene	13.844	91	278347	23.03	ug/l	99
90) Hexachloroethane	14.114	117	59173	22.18	ug/l	98
91) 1,2-Dichlorobenzene	13.891	146	125691	20.50	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9426	23.16	ug/l	94
93) 1,2,4-Trichlorobenzene	15.161	180	73039	17.59	ug/l	99
94) Hexachlorobutadiene	15.267	225	43685	16.38	ug/l	94
95) Naphthalene	15.402	128	128798	18.86	ug/l	100
96) 1,2,3-Trichlorobenzene	15.596	180	65146	18.21	ug/l	96

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:02:51 2020
Response via : Initial Calibration

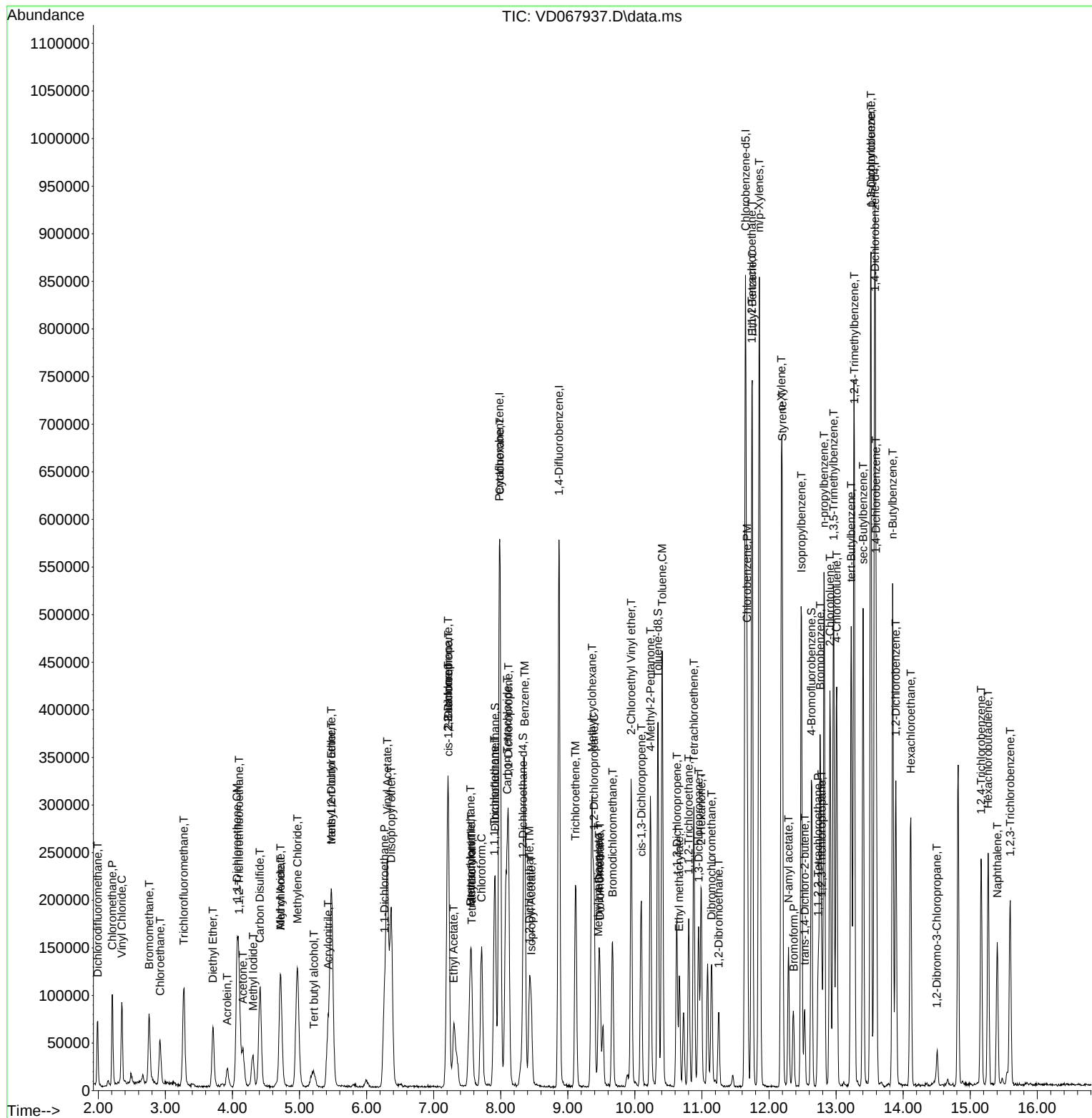
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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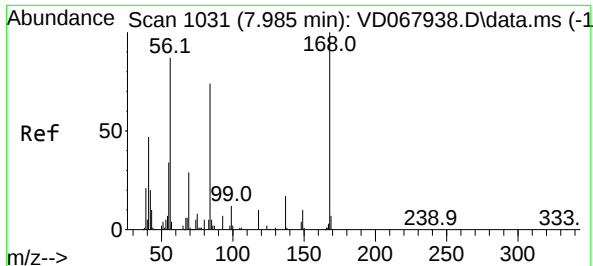
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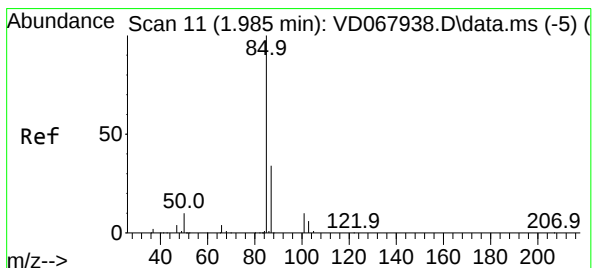
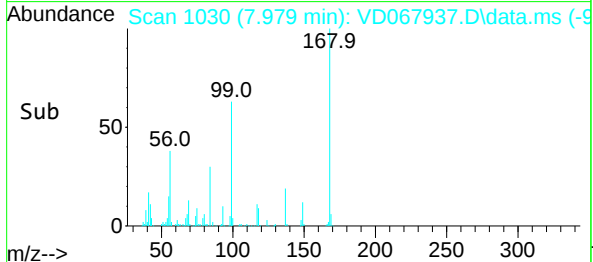
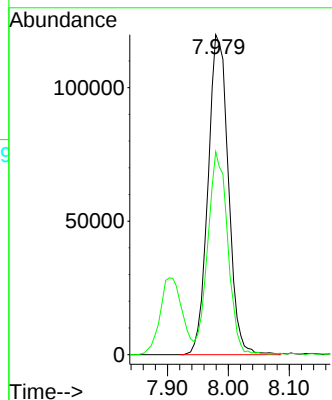
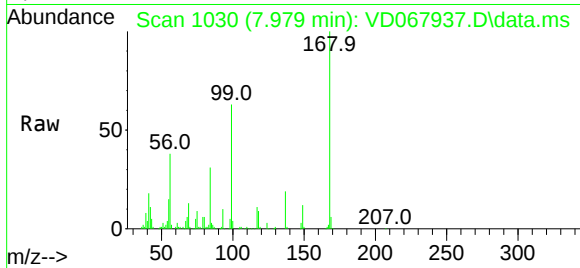




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067937.D
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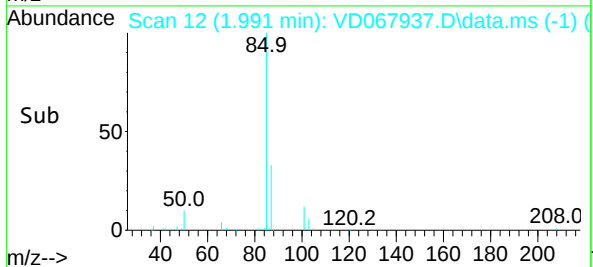
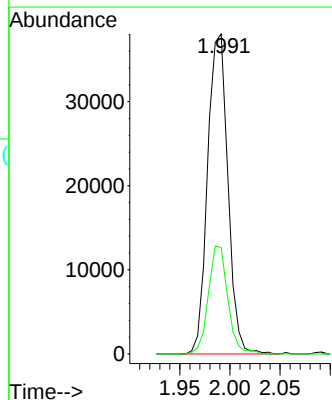
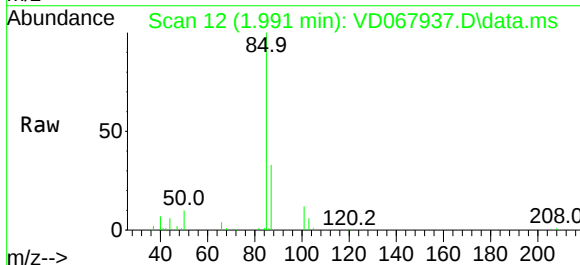
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

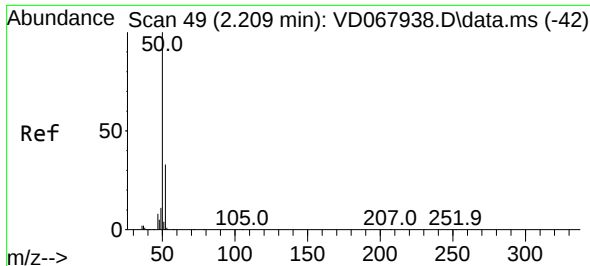
Tgt Ion:168 Resp: 277910
Ion Ratio Lower Upper
168 100
99 63.0 48.0 72.0



#2
Dichlorodifluoromethane
Concen: 21.69 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 85 Resp: 53601
Ion Ratio Lower Upper
85 100
87 33.3 17.1 51.3

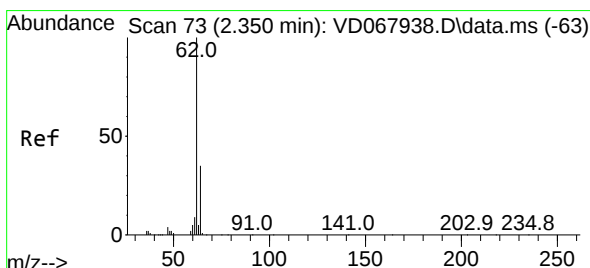
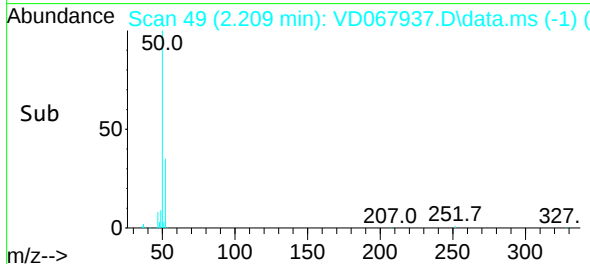
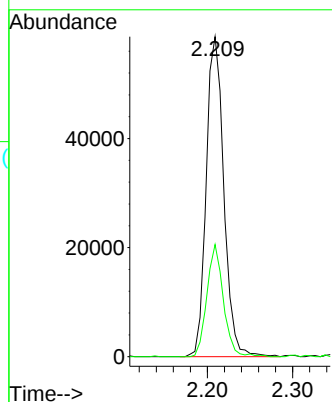
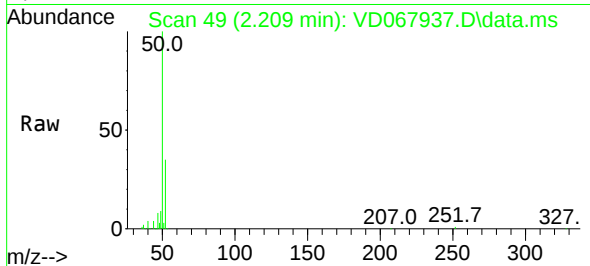




#3
Chloromethane
Concen: 48.07 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

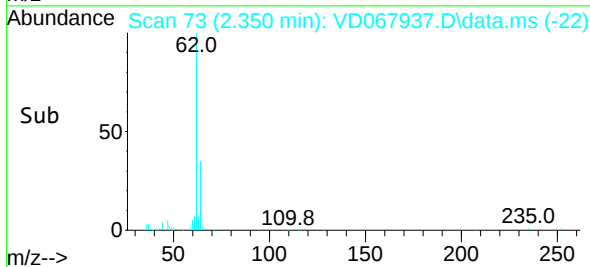
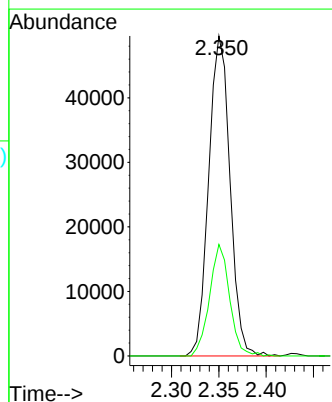
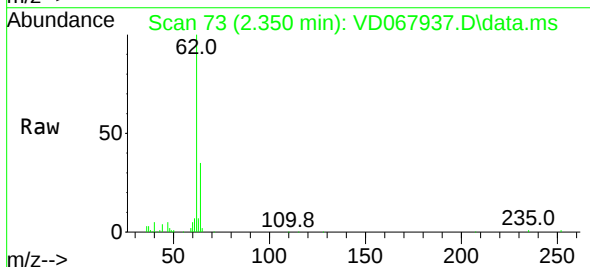
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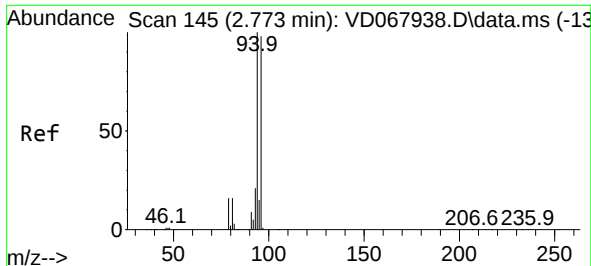
Tgt Ion: 50 Resp: 84312
Ion Ratio Lower Upper
50 100
52 35.1 26.2 39.4



#4
Vinyl Chloride
Concen: 38.11 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 62 Resp: 77521
Ion Ratio Lower Upper
62 100
64 34.8 28.1 42.1

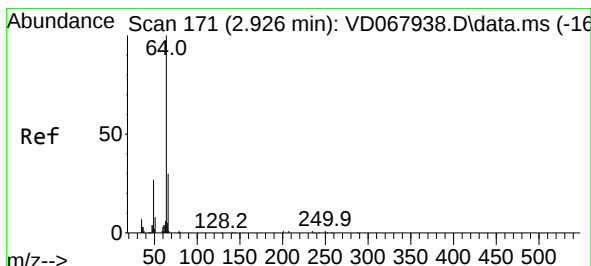
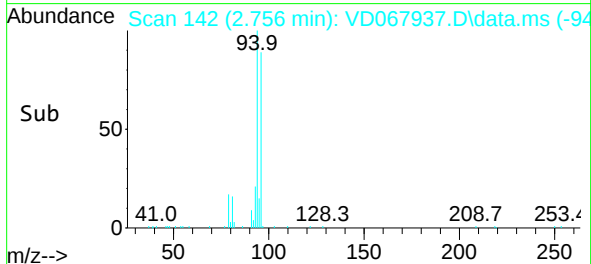
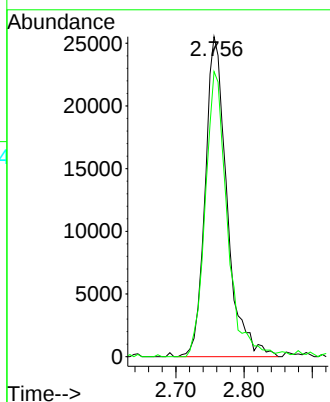
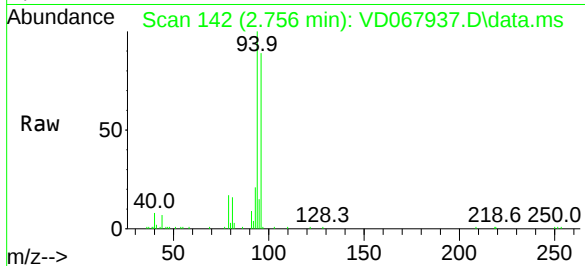




#5
Bromomethane
Concen: 33.33 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.017 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

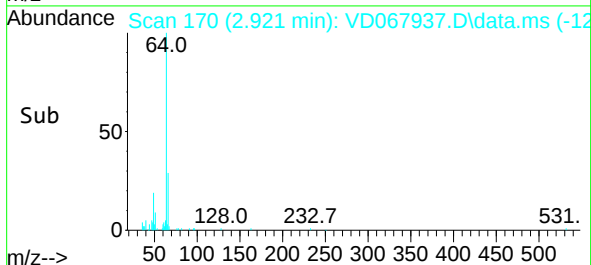
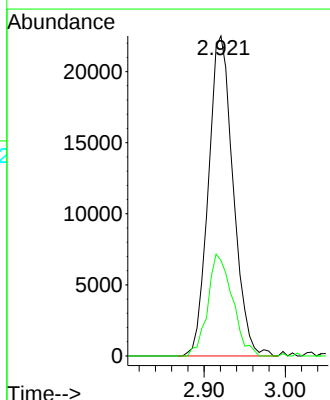
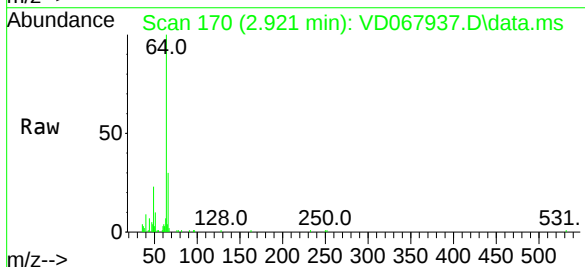
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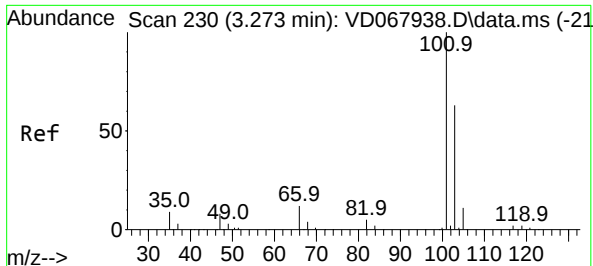
Tgt Ion: 94 Resp: 56765
Ion Ratio Lower Upper
94 100
96 89.1 78.0 117.0



#6
Chloroethane
Concen: 36.91 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 64 Resp: 47653
Ion Ratio Lower Upper
64 100
66 29.8 24.1 36.1

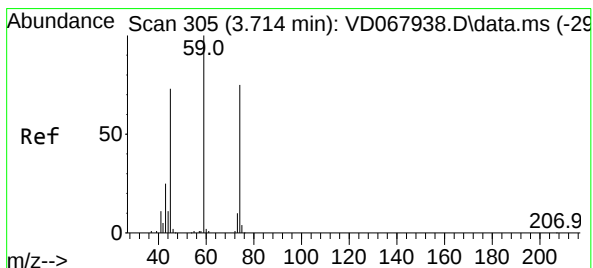
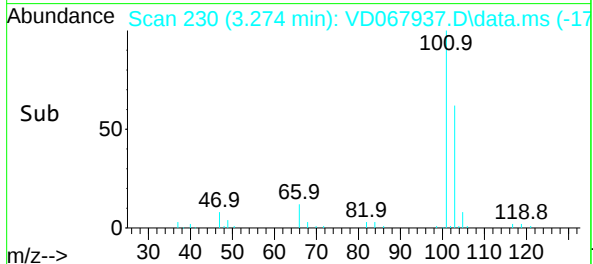
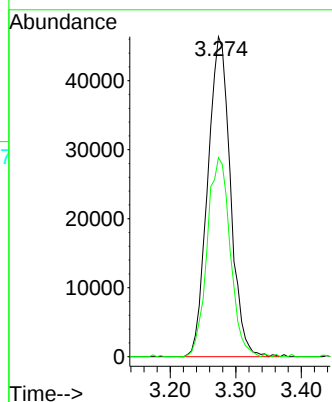
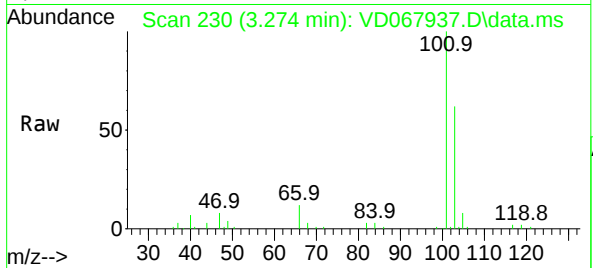




#7
 Trichlorofluoromethane
 Concen: 20.81 ug/l
 RT: 3.274 min Scan# 230
 Delta R.T. 0.000 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

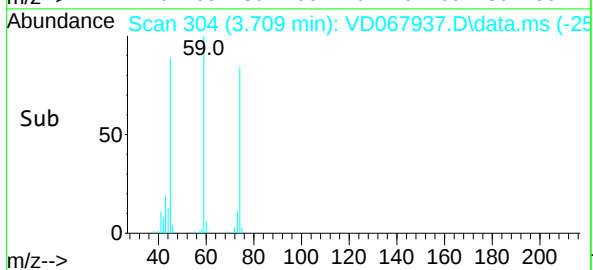
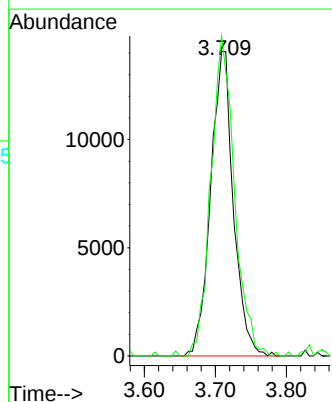
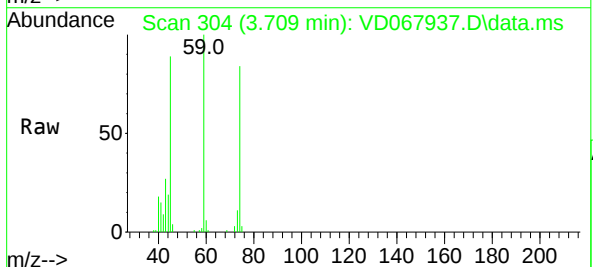
Instrument :
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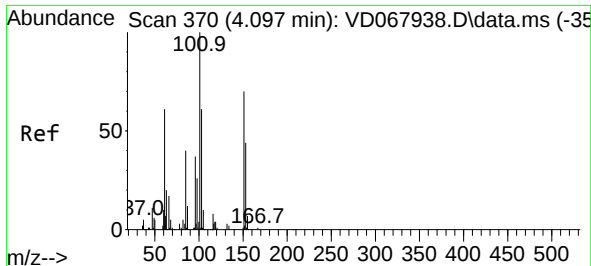
Tgt Ion:101 Resp: 111396
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.4 75.6



#8
 Diethyl Ether
 Concen: 27.81 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

Tgt Ion: 74 Resp: 31362
 Ion Ratio Lower Upper
 74 100
 45 108.8 51.8 155.5

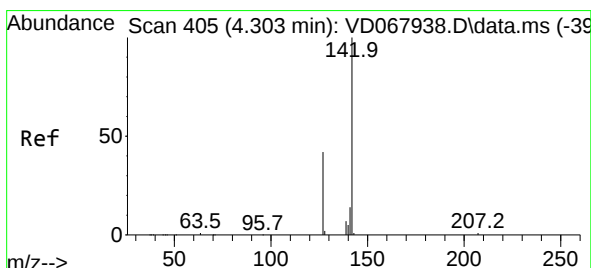
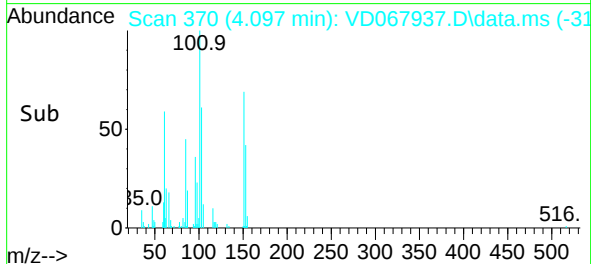
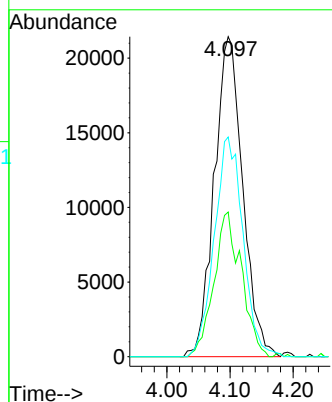
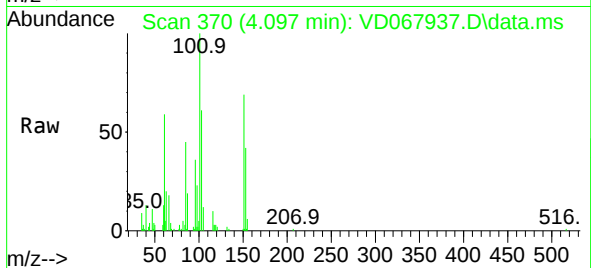




#9
1,1,2-Trichlorotrifluoroethane
Concen: 26.29 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

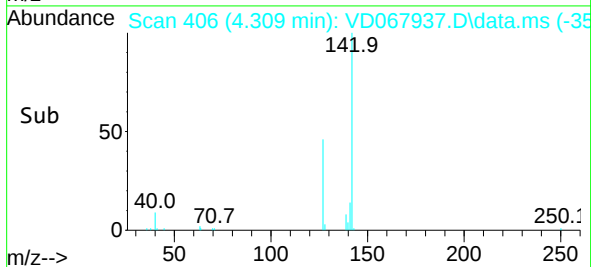
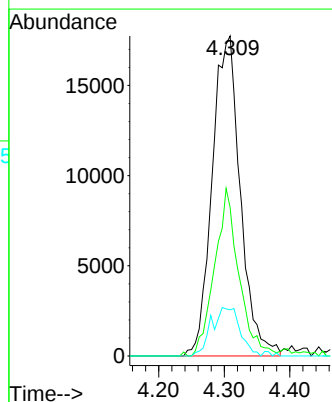
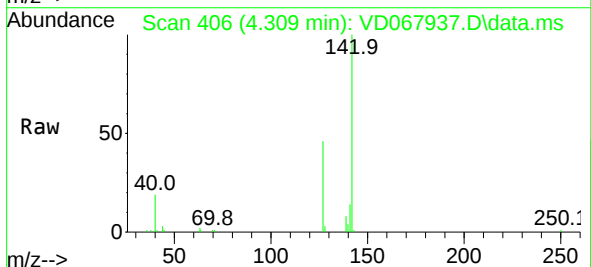
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

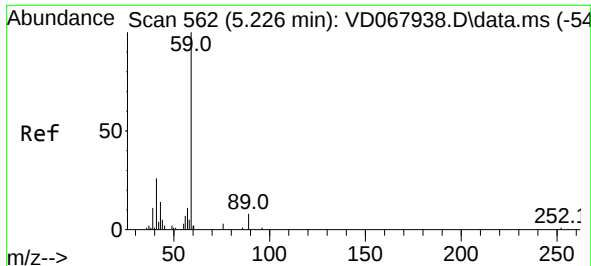
Tgt Ion:101 Resp: 66948
Ion Ratio Lower Upper
101 100
85 43.8 34.2 51.2
151 69.4 57.6 86.4



#10
Methyl Iodide
Concen: 19.84 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:142 Resp: 52901
Ion Ratio Lower Upper
142 100
127 45.0 34.4 51.6
141 15.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 110.77 ug/l

RT: 5.215 min Scan# 560

Delta R.T. -0.012 min

Lab File: VD067937.D

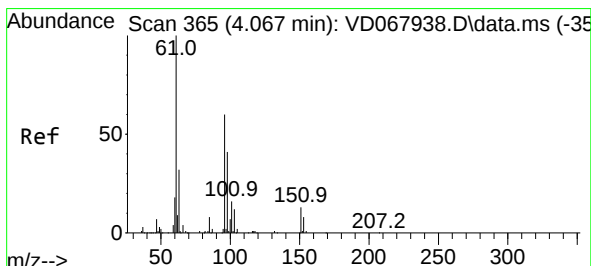
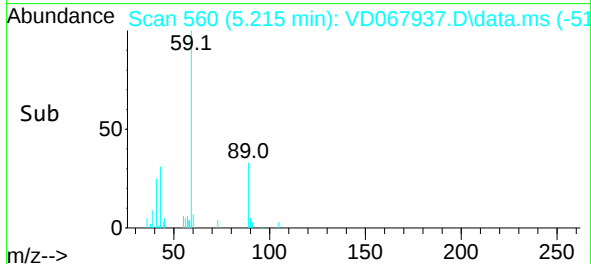
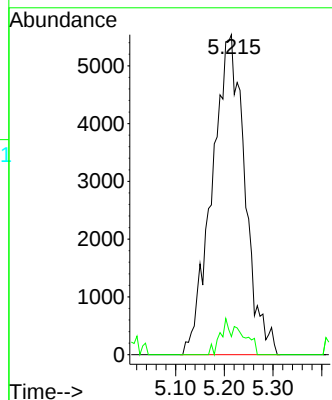
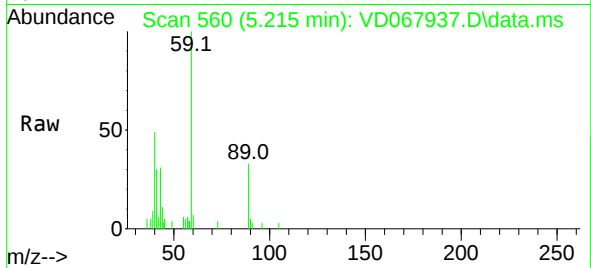
Acq: 22 Dec 2020 16:45

Tgt Ion: 59 Resp: 25915

Ion Ratio Lower Upper

59 100

57 3.8 7.4 11.2#



#12

1,1-Dichloroethene

Concen: 26.52 ug/l

RT: 4.068 min Scan# 365

Delta R.T. 0.000 min

Lab File: VD067937.D

Acq: 22 Dec 2020 16:45

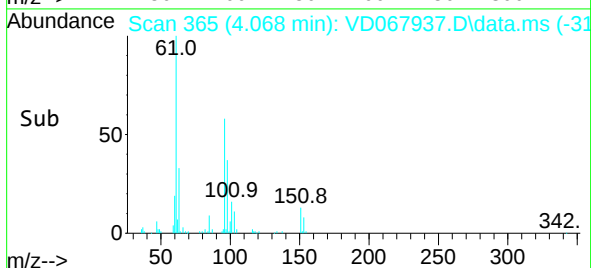
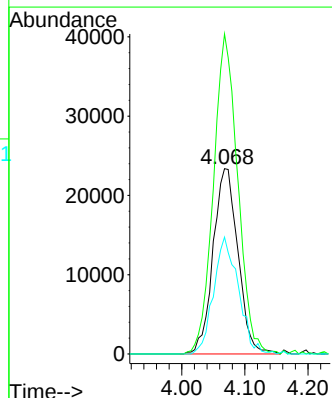
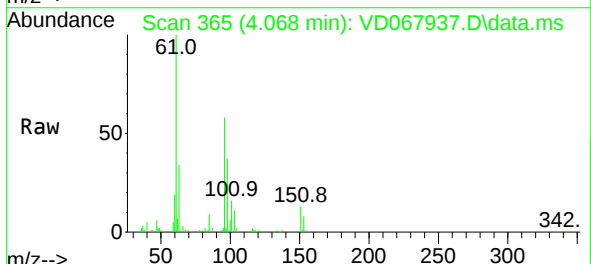
Tgt Ion: 96 Resp: 63940

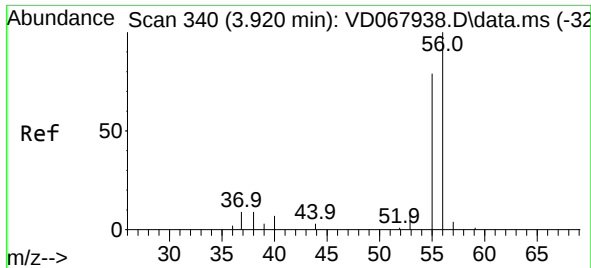
Ion Ratio Lower Upper

96 100

61 172.7 133.6 200.4

98 63.1 54.8 82.2

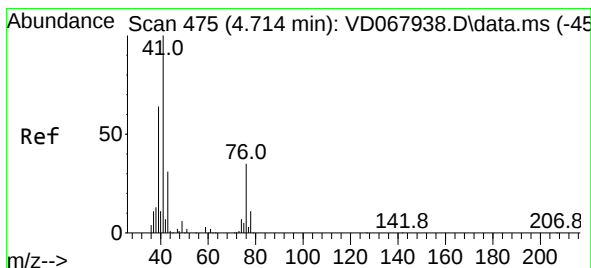
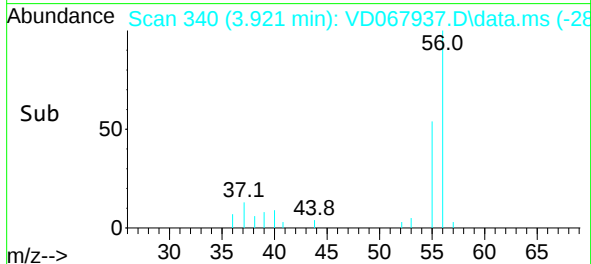
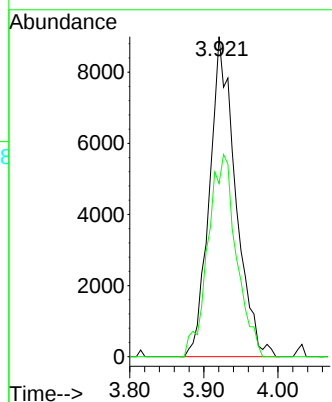
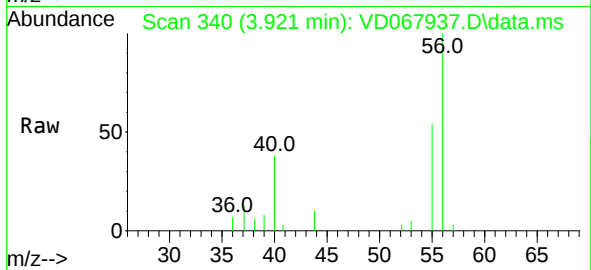




#13
Acrolein
Concen: 170.12 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

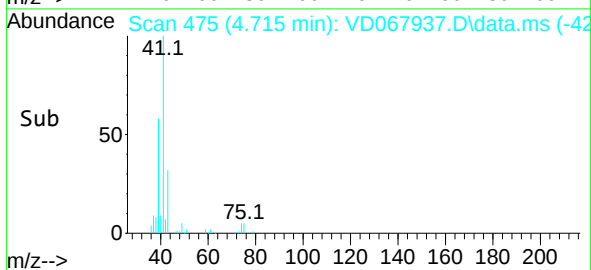
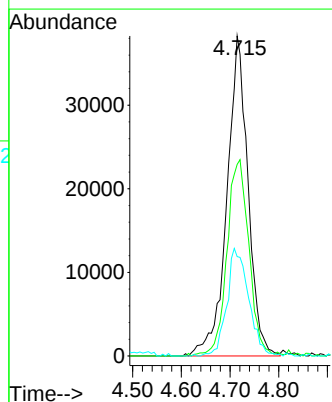
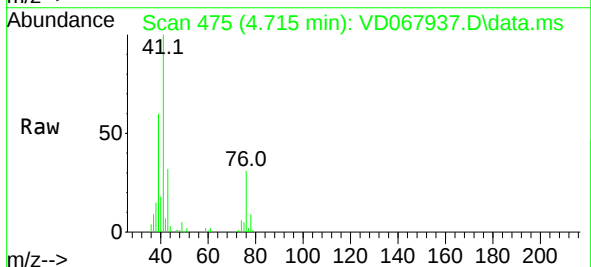
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

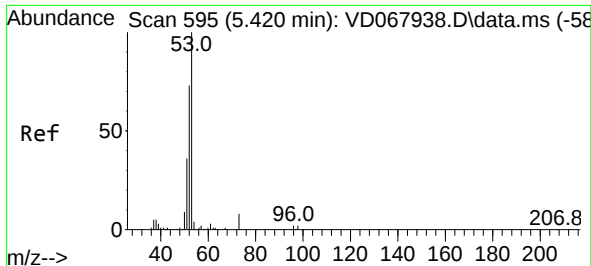
Tgt Ion: 56 Resp: 21995
Ion Ratio Lower Upper
56 100
55 68.8 58.5 87.7



#14
Allyl chloride
Concen: 43.49 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 41 Resp: 115408
Ion Ratio Lower Upper
41 100
39 63.6 50.5 75.7
76 34.6 27.0 40.4

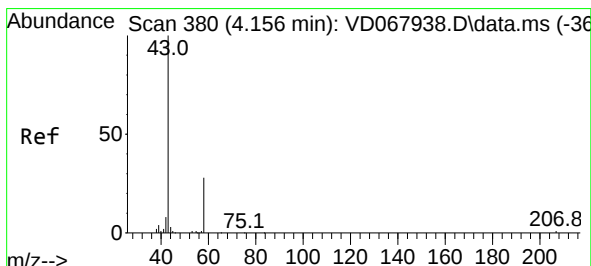
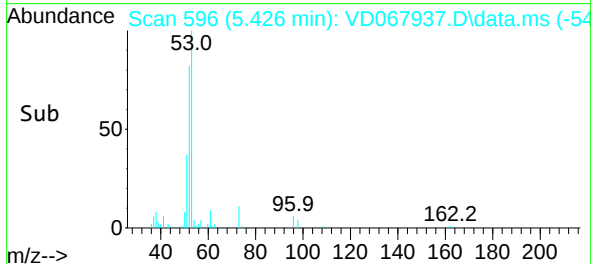
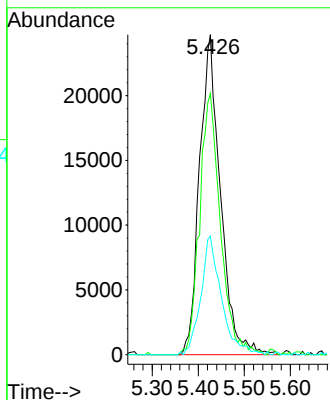
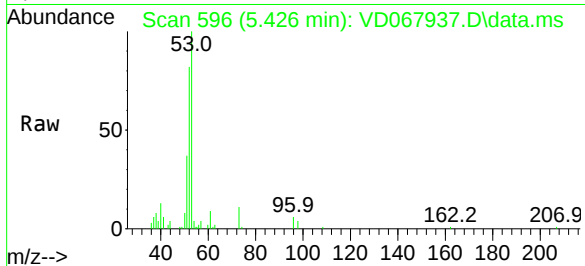




#15
Acrylonitrile
Concen: 187.59 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

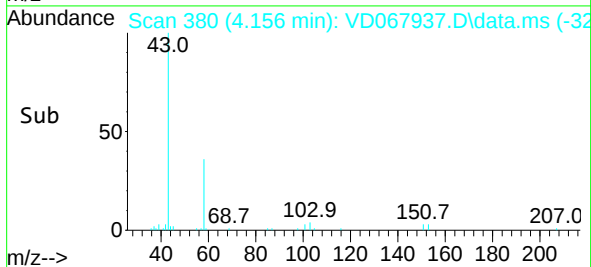
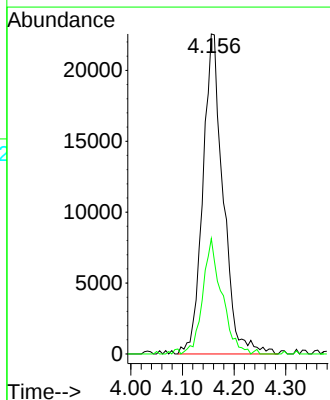
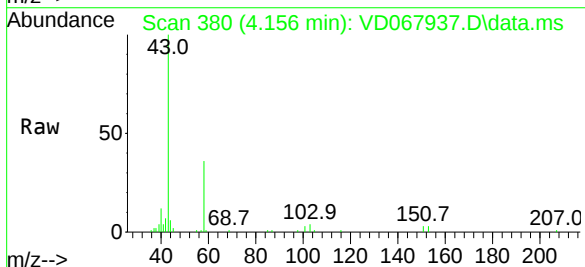
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

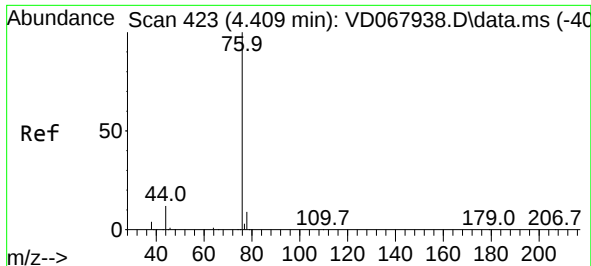
Tgt Ion: 53 Resp: 78055
Ion Ratio Lower Upper
53 100
52 81.0 65.3 97.9
51 36.6 29.4 44.2



#16
Acetone
Concen: 160.47 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 43 Resp: 61772
Ion Ratio Lower Upper
43 100
58 36.0 22.3 33.5#

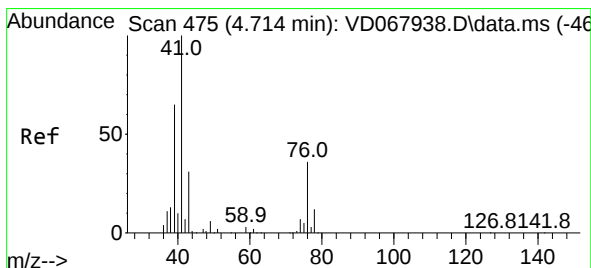
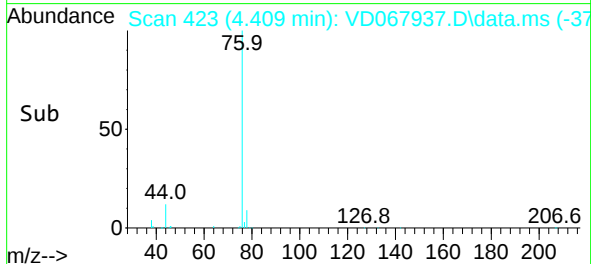
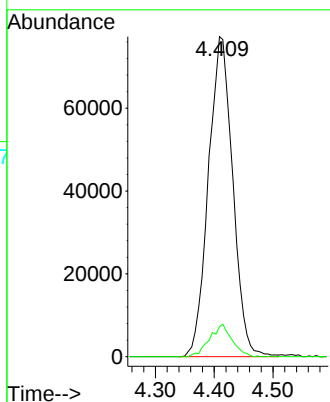
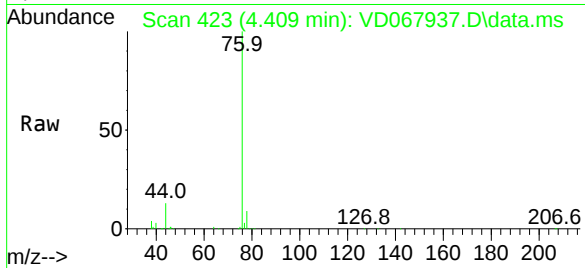




#17
Carbon Disulfide
Concen: 31.28 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

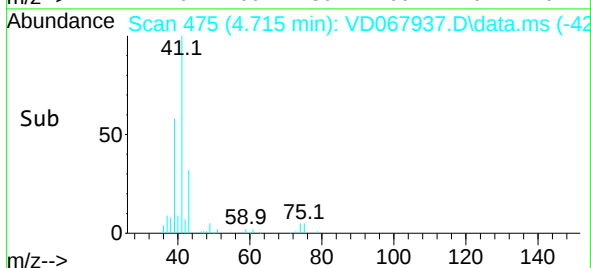
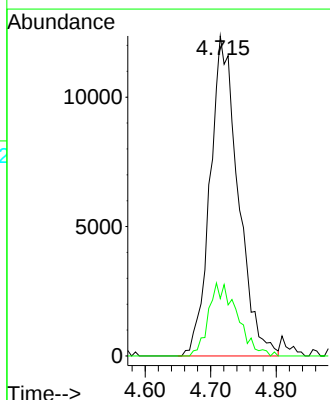
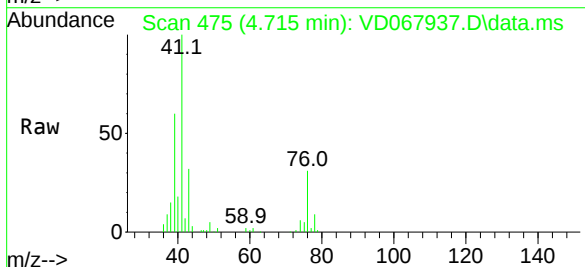
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

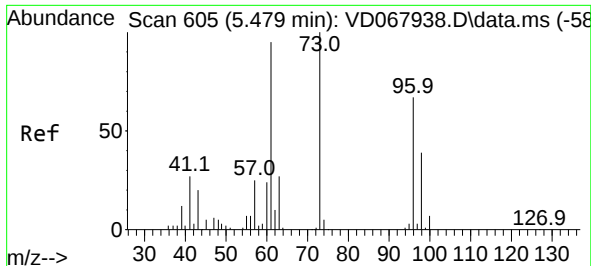
Tgt Ion: 76 Resp: 222269
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 41.08 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 43 Resp: 36820
Ion Ratio Lower Upper
43 100
74 23.3 18.2 27.2





#19

Methyl tert-butyl Ether

Concen: 26.27 ug/l

RT: 5.473 min Scan# 604

Delta R.T. -0.006 min

Lab File: VD067937.D

Acq: 22 Dec 2020 16:45

Tgt Ion: 73 Resp: 134269

Ion Ratio Lower Upper

73 100

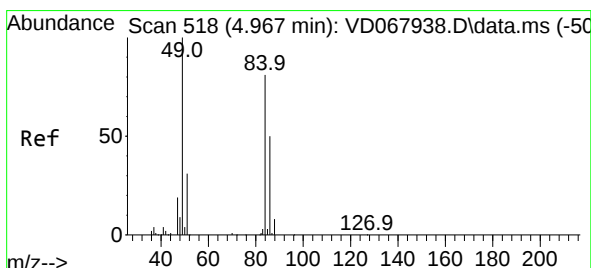
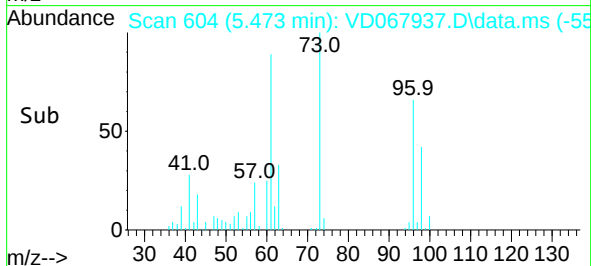
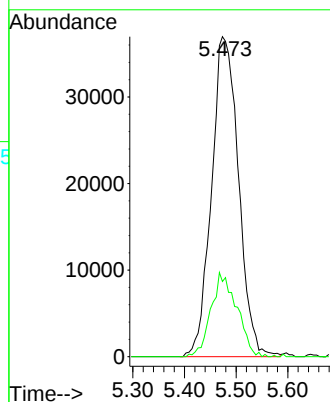
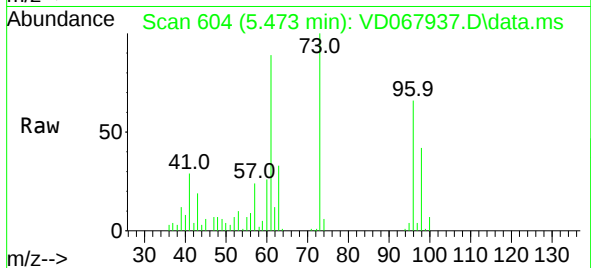
57 23.5 19.8 29.6

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020



#20

Methylene Chloride

Concen: 32.68 ug/l

RT: 4.968 min Scan# 518

Delta R.T. 0.000 min

Lab File: VD067937.D

Acq: 22 Dec 2020 16:45

Tgt Ion: 84 Resp: 98629

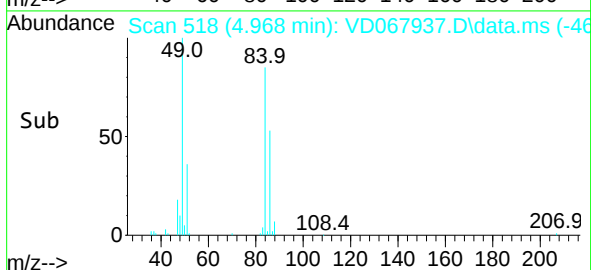
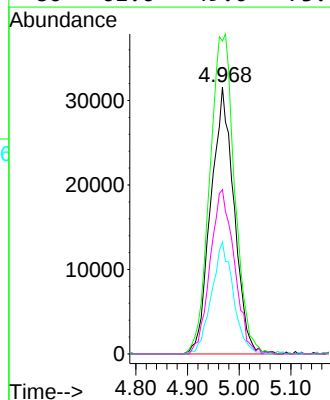
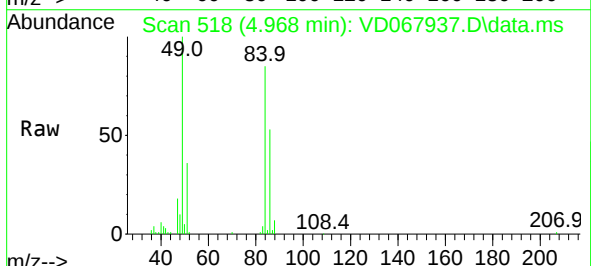
Ion Ratio Lower Upper

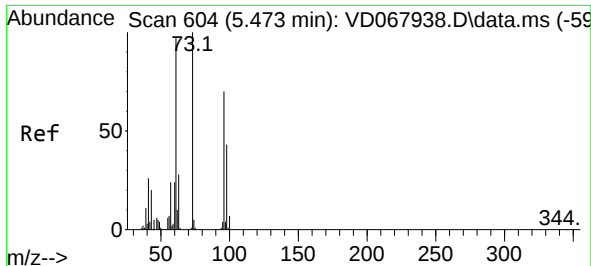
84 100

49 117.2 98.3 147.5

51 42.0 30.3 45.5

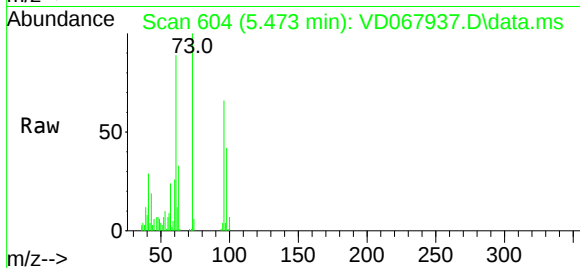
86 61.6 49.0 73.4



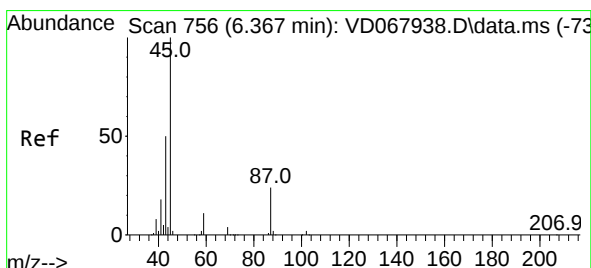
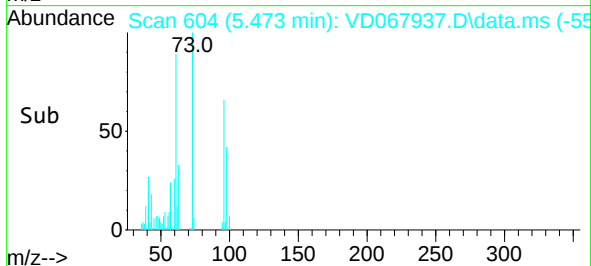
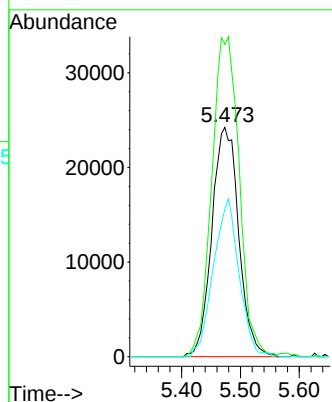


#21
trans-1,2-Dichloroethene
Concen: 27.59 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

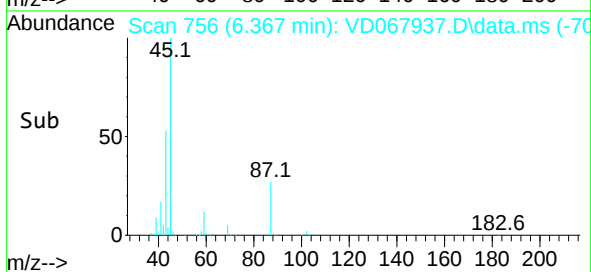
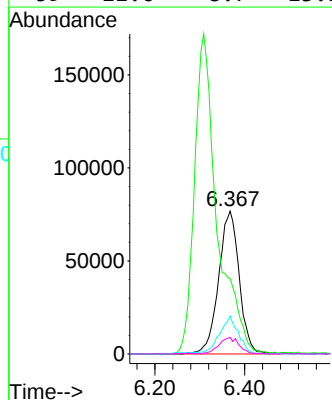
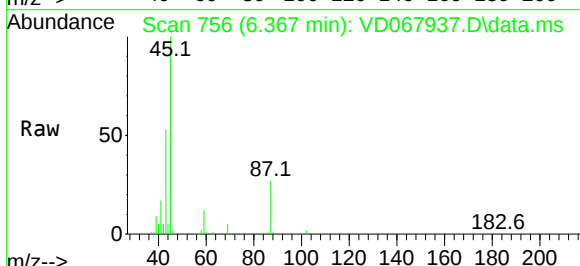


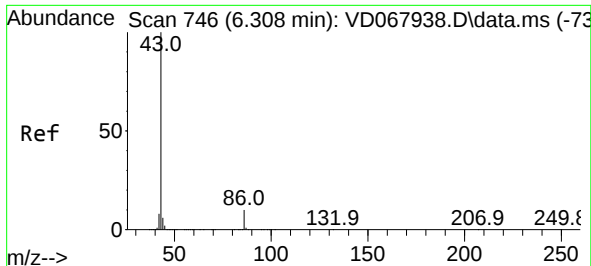
Tgt Ion:	96	Resp:	76795
Ion	Ratio	Lower	Upper
96	100		
61	136.2	109.9	164.9
98	64.3	49.0	73.4



#22
Diisopropyl ether
Concen: 45.83 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:	45	Resp:	245358
Ion	Ratio	Lower	Upper
45	100		
43	51.9	40.2	60.4
87	26.2	19.2	28.8
59	11.6	8.7	13.1

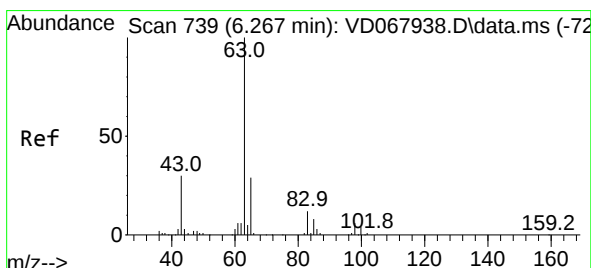
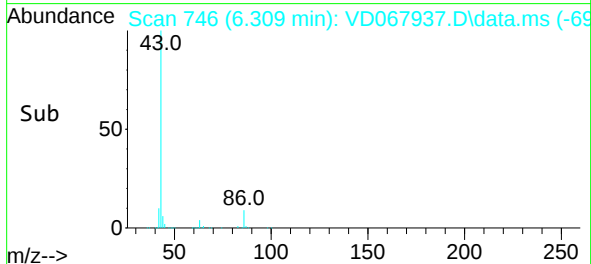
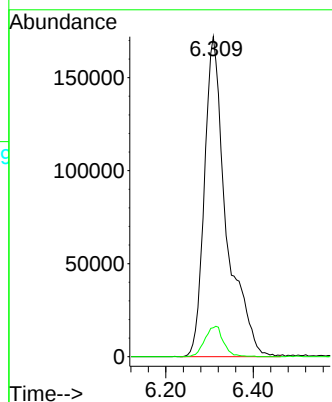
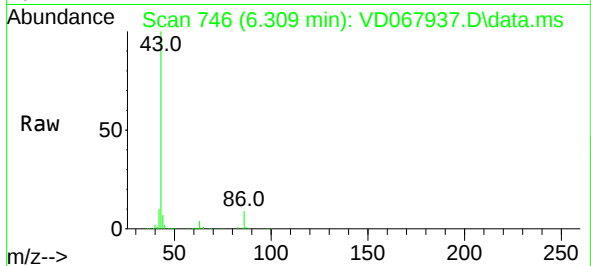




#23
 Vinyl Acetate
 Concen: 207.91 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

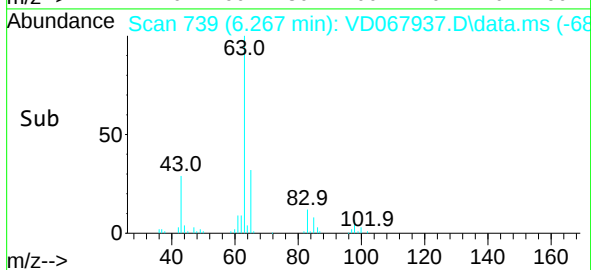
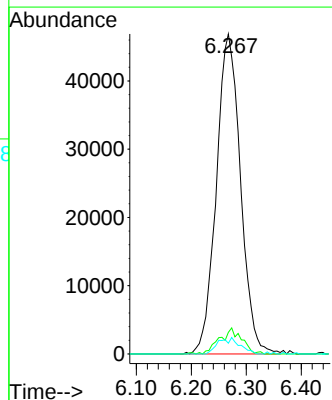
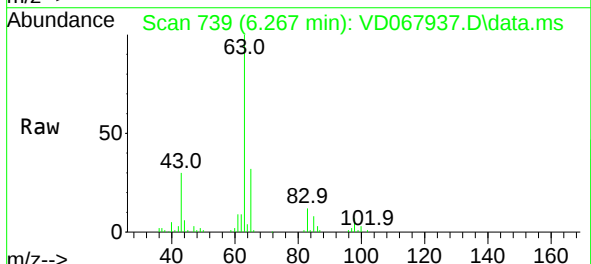
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

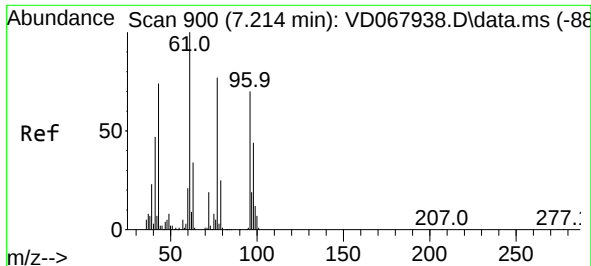
Tgt Ion: 43 Resp: 600731
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 34.48 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

Tgt Ion: 63 Resp: 143358
 Ion Ratio Lower Upper
 63 100
 98 6.8 2.9 8.6
 100 3.3 1.9 5.7

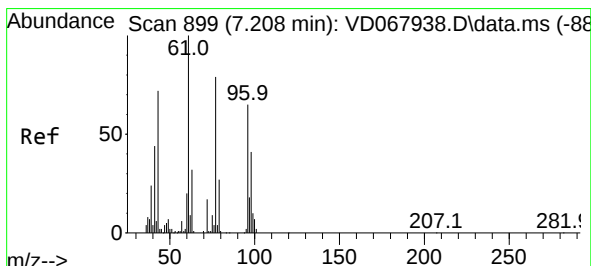
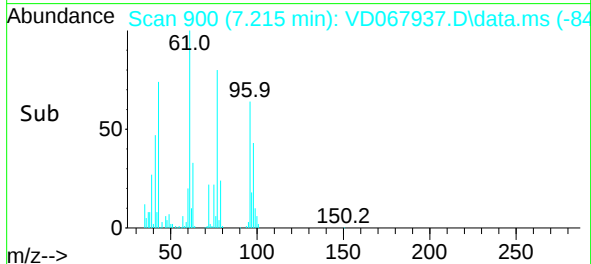
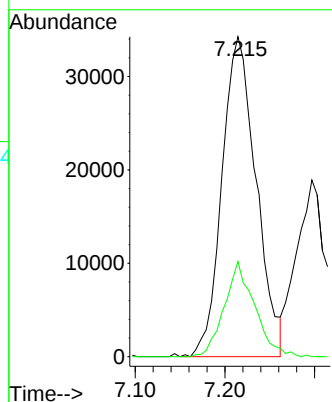
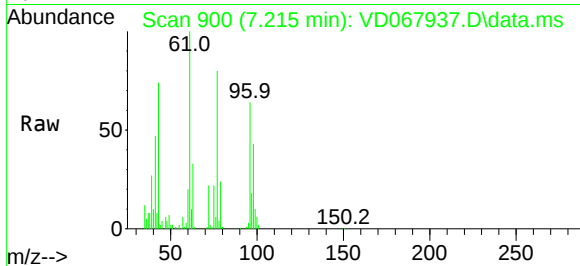




#25
2-Butanone
Concen: 200.51 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

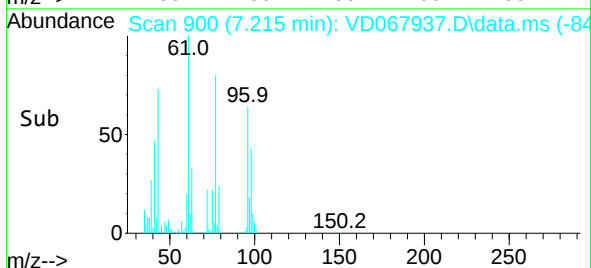
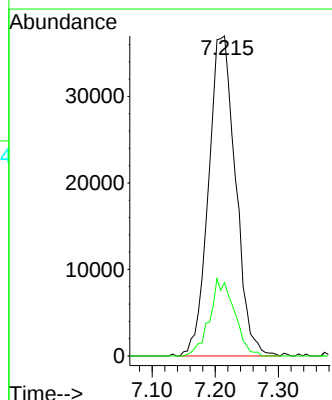
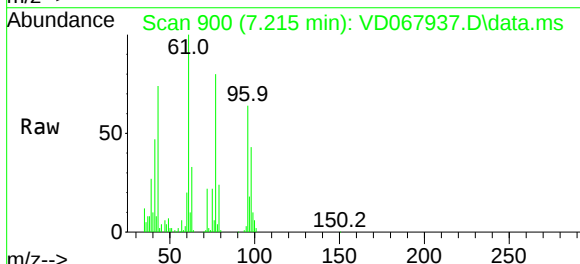
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

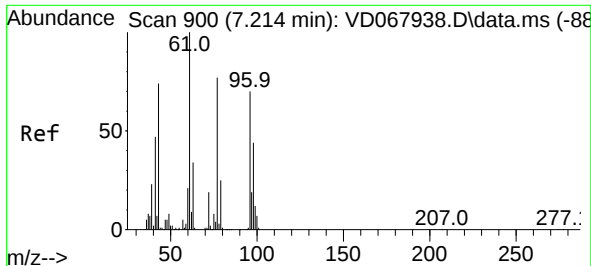
Tgt Ion: 43 Resp: 90562
Ion Ratio Lower Upper
43 100
72 29.8 20.8 31.2



#26
2,2-Dichloropropane
Concen: 24.17 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 77 Resp: 110244
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 27.12 ug/l

RT: 7.220 min Scan# 901

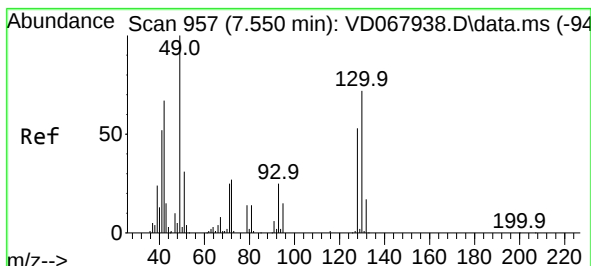
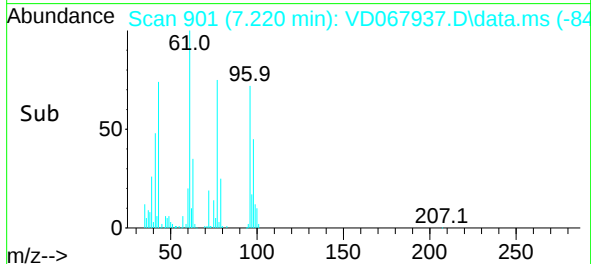
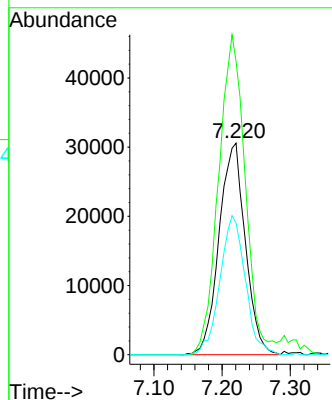
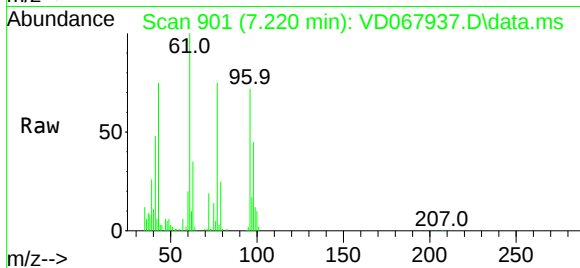
Delta R.T. 0.006 min

Lab File: VD067937.D

Acq: 22 Dec 2020 16:45

Tgt Ion:	96	Resp:	81886
Ion	Ratio	Lower	Upper
96	100		
61	153.7	0.0	295.4
98	63.6	0.0	130.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



#28

Bromochloromethane

Concen: 36.83 ug/l

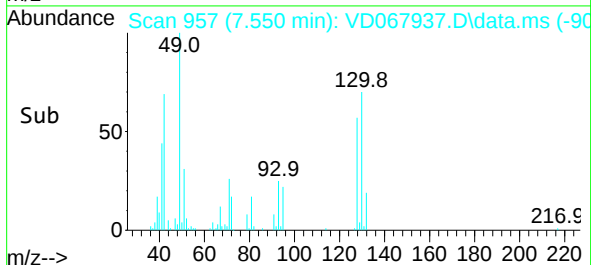
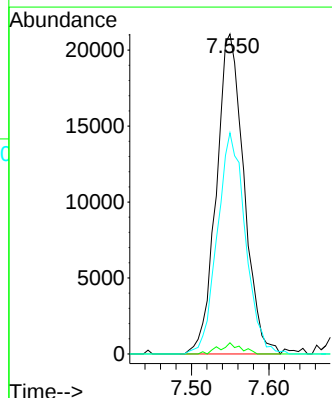
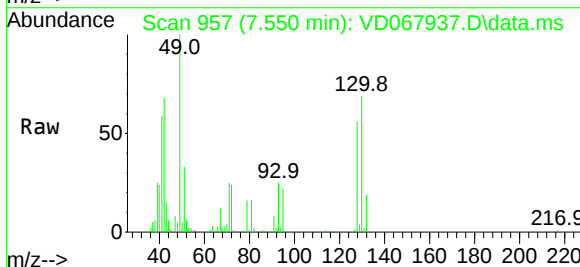
RT: 7.550 min Scan# 957

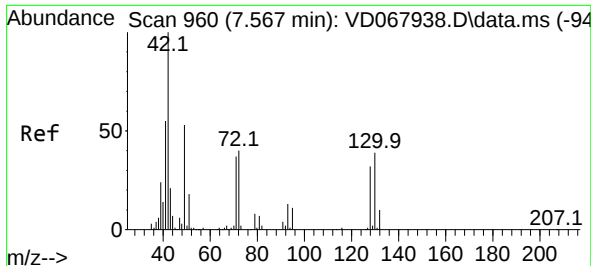
Delta R.T. 0.000 min

Lab File: VD067937.D

Acq: 22 Dec 2020 16:45

Tgt Ion:	49	Resp:	52119
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.4
130	70.4	54.8	82.2





#29

Tetrahydrofuran

Concen: 226.04 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.000 min

Lab File: VD067937.D

Acq: 22 Dec 2020 16:45

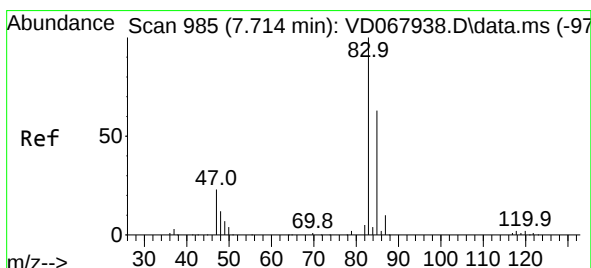
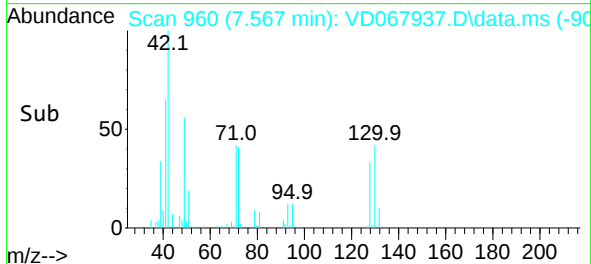
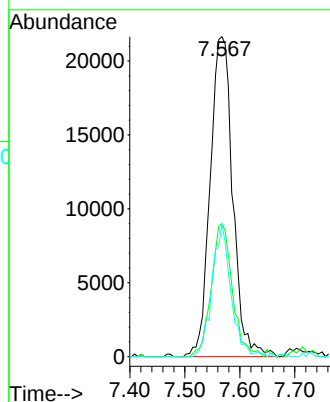
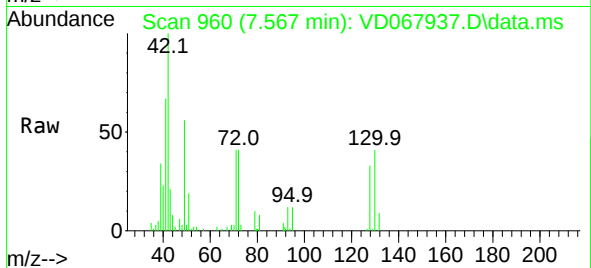
Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion:	42	Resp:	61782
Ion	Ratio	Lower	Upper
42	100		
72	38.8	32.9	49.3
71	34.4	29.9	44.9



#30

Chloroform

Concen: 26.97 ug/l

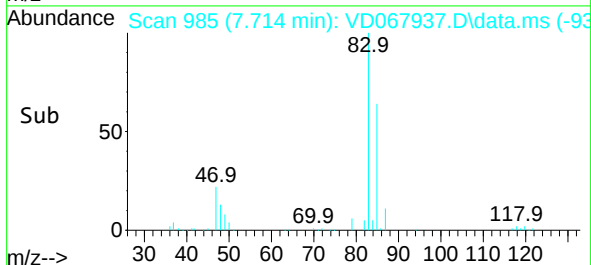
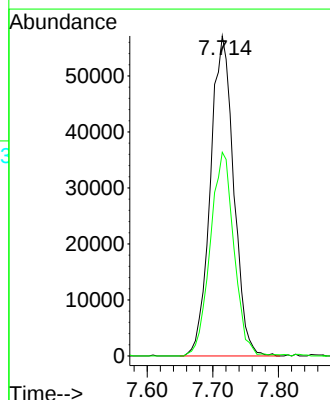
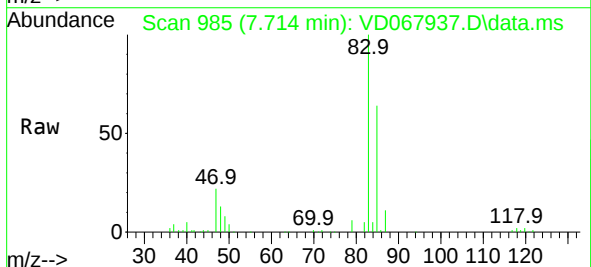
RT: 7.714 min Scan# 985

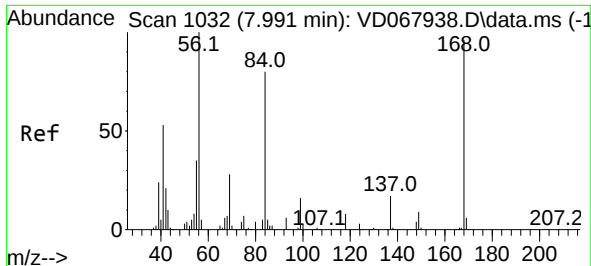
Delta R.T. 0.000 min

Lab File: VD067937.D

Acq: 22 Dec 2020 16:45

Tgt Ion:	83	Resp:	141380
Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.5	75.7





#31

Cyclohexane

Concen: 35.35 ug/l

RT: 7.985 min Scan# 1031

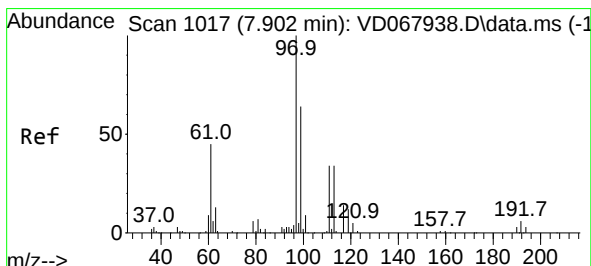
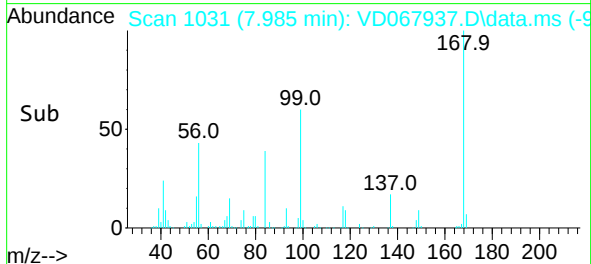
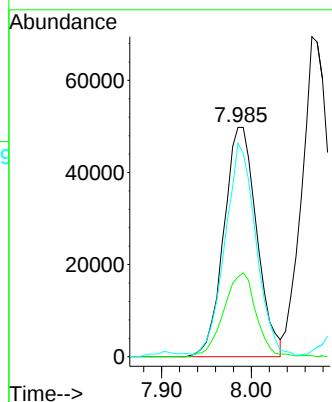
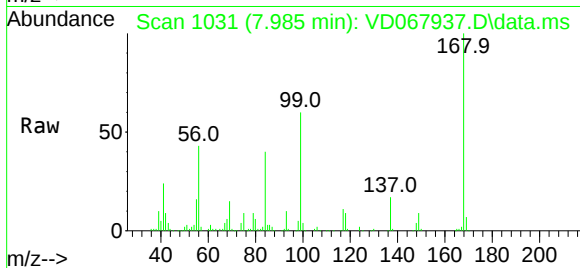
Delta R.T. -0.006 min

Lab File: VD067937.D

Acq: 22 Dec 2020 16:45

Tgt Ion: 56 Resp: 126802

Ion	Ratio	Lower	Upper
56	100		
69	34.7	22.7	34.1#
84	91.8	64.2	96.4



#32

1,1,1-Trichloroethane

Concen: 22.14 ug/l

RT: 7.903 min Scan# 1017

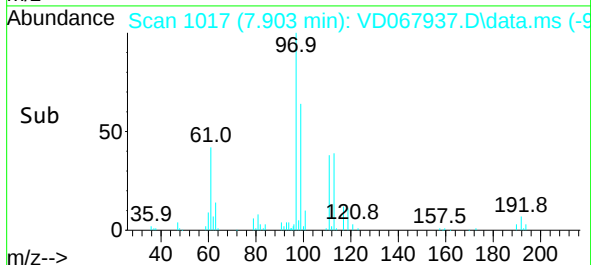
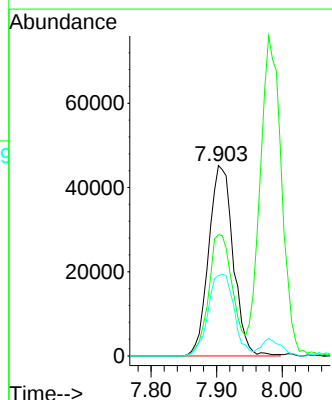
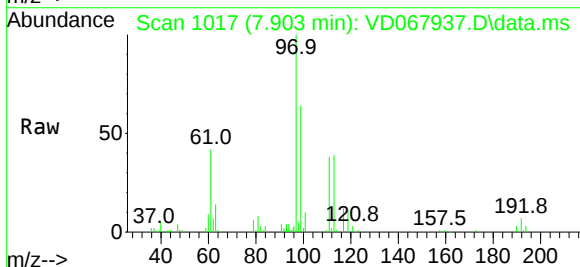
Delta R.T. 0.000 min

Lab File: VD067937.D

Acq: 22 Dec 2020 16:45

Tgt Ion: 97 Resp: 117563

Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.0	76.6
61	45.3	35.8	53.8



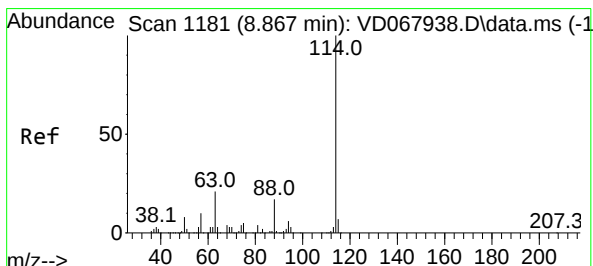
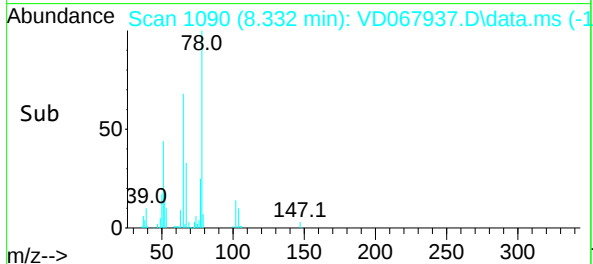
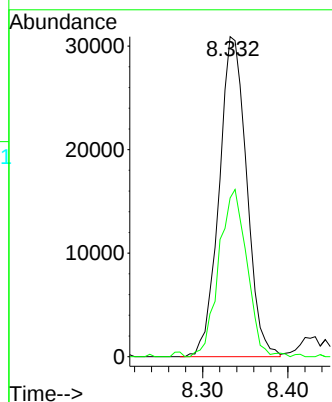
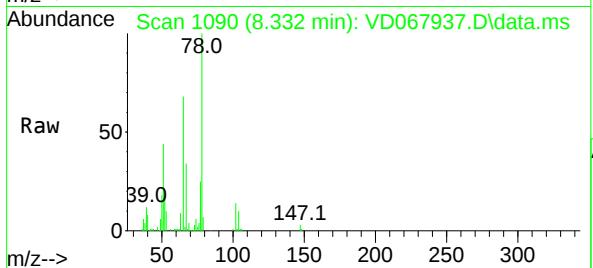
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



#33
1,2-Dichloroethane-d4
Concen: 23.68 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

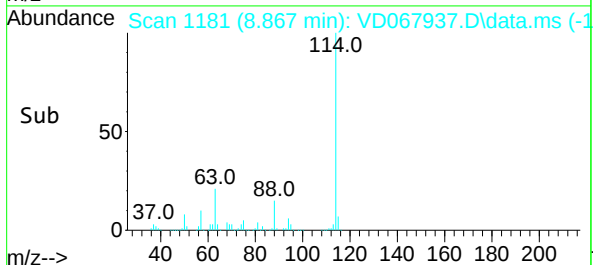
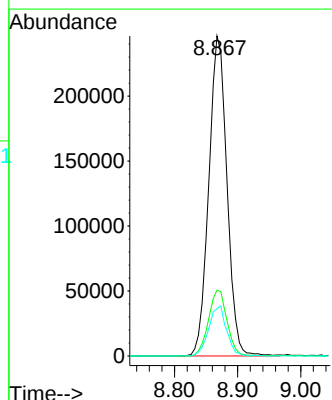
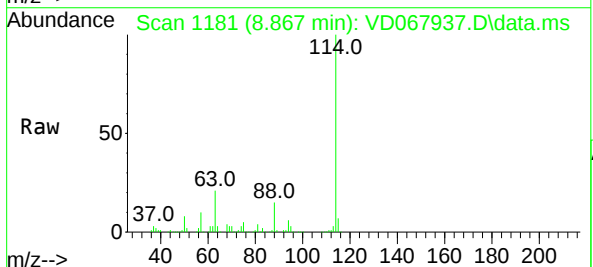
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

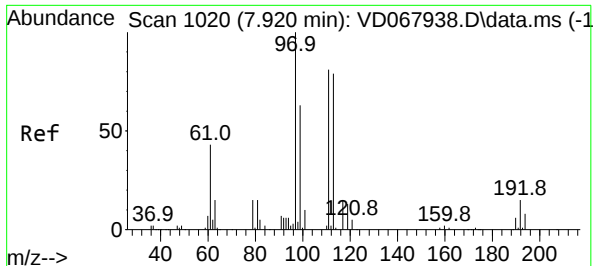
Tgt Ion: 65 Resp: 69328
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 114 Resp: 492774
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.4
88 14.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 20.88 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD067937.D

Acq: 22 Dec 2020 16:45

Tgt Ion:113 Resp: 67208

Ion Ratio Lower Upper

113 100

111 105.7 79.3 118.9

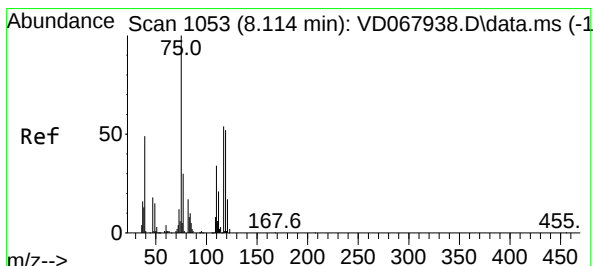
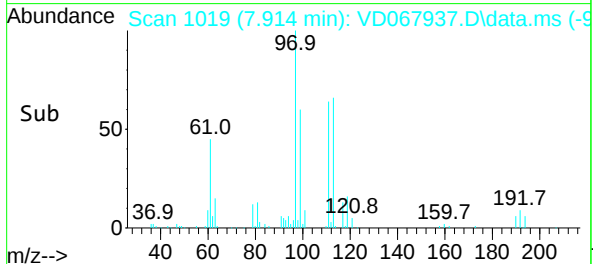
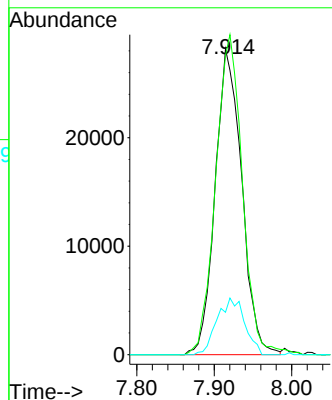
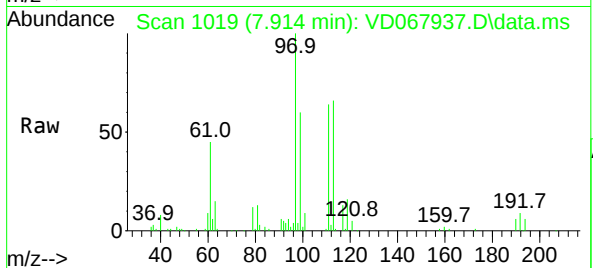
192 19.3 14.5 21.7

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020



#36

1,1-Dichloropropene

Concen: 24.42 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VD067937.D

Acq: 22 Dec 2020 16:45

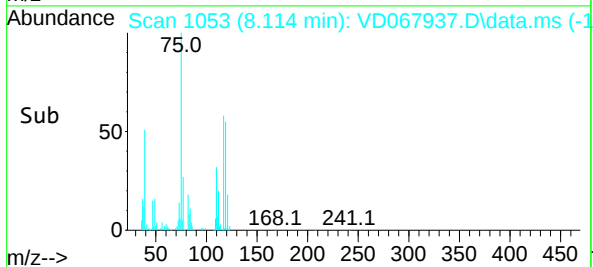
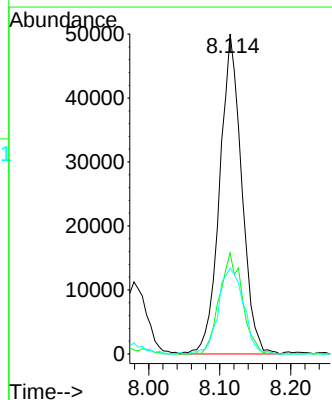
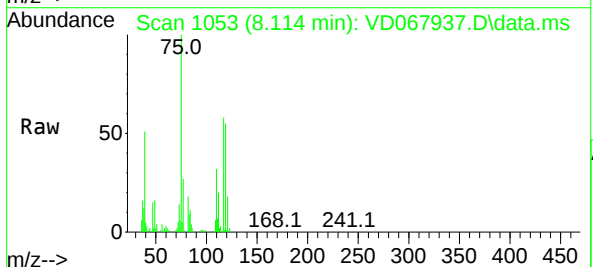
Tgt Ion: 75 Resp: 107345

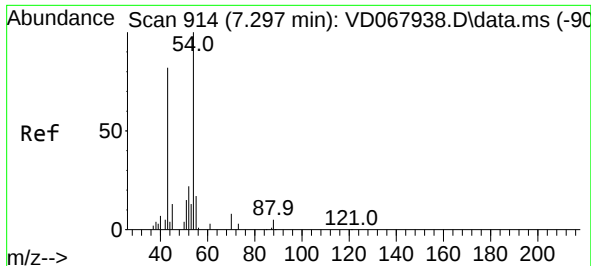
Ion Ratio Lower Upper

75 100

110 32.9 17.0 51.0

77 30.8 24.6 37.0

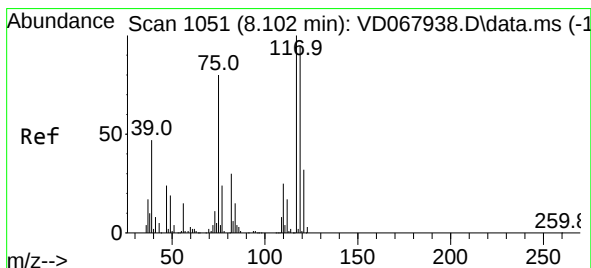
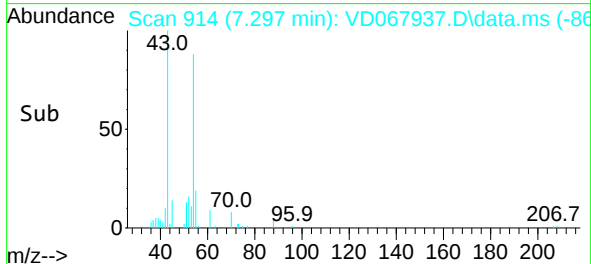
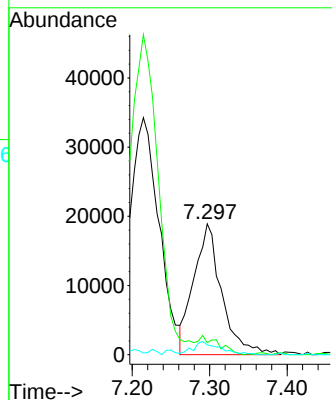
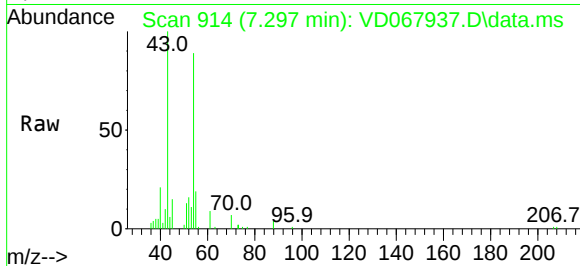




#37
Ethyl Acetate
Concen: 36.48 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

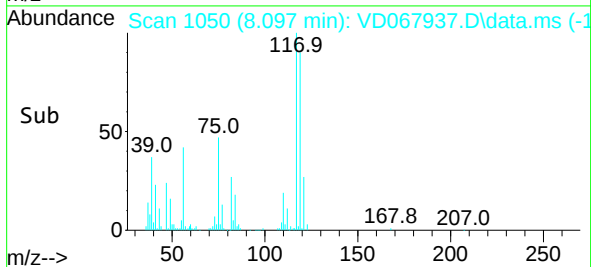
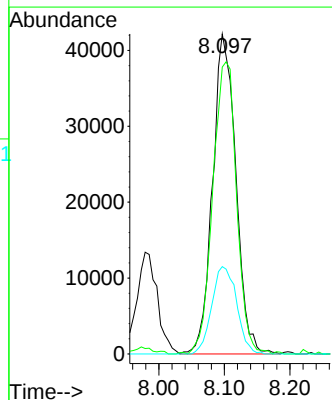
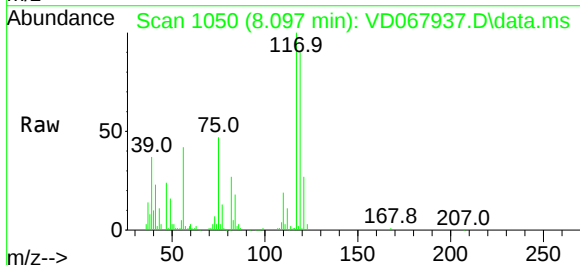
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

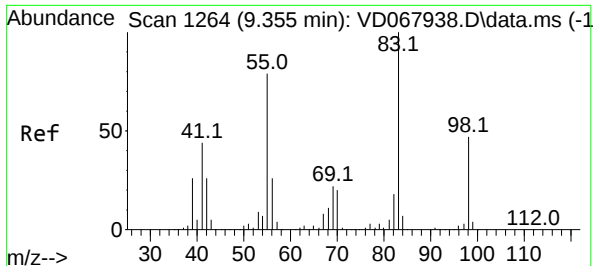
Tgt Ion: 43 Resp: 47307
Ion Ratio Lower Upper
43 100
61 10.7 10.2 15.4
70 9.5 8.3 12.5



#38
Carbon Tetrachloride
Concen: 16.78 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 117 Resp: 103624
Ion Ratio Lower Upper
117 100
119 89.2 76.2 114.4
121 27.3 25.9 38.9





#39

Methylcyclohexane

Concen: 22.24 ug/l

RT: 9.361 min Scan# 1265

Delta R.T. 0.006 min

Lab File: VD067937.D

Acq: 22 Dec 2020 16:45

Tgt Ion: 83 Resp: 114368

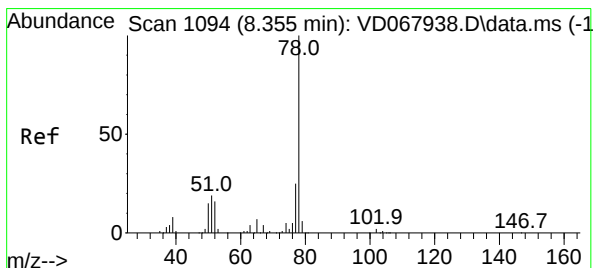
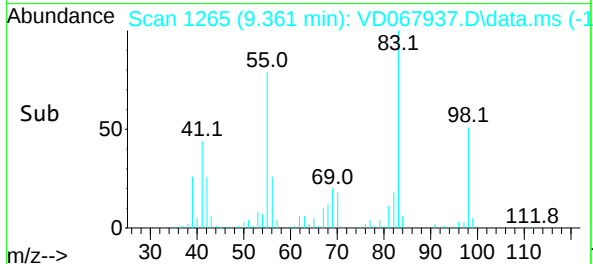
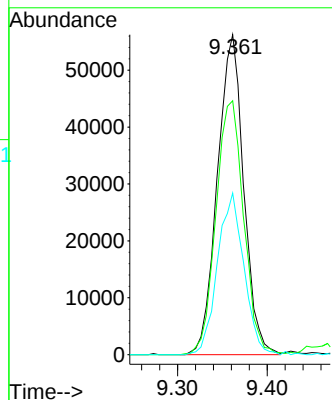
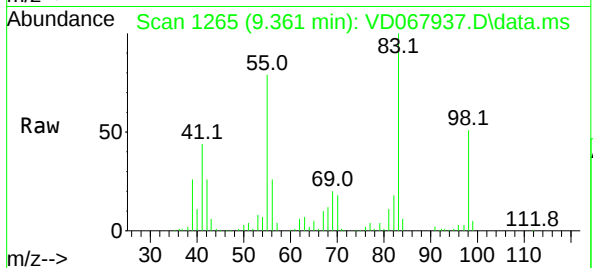
Ion	Ratio	Lower	Upper
83	100		
55	79.3	63.5	95.3
98	50.5	37.3	55.9

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020



#40

Benzene

Concen: 25.57 ug/l

RT: 8.356 min Scan# 1094

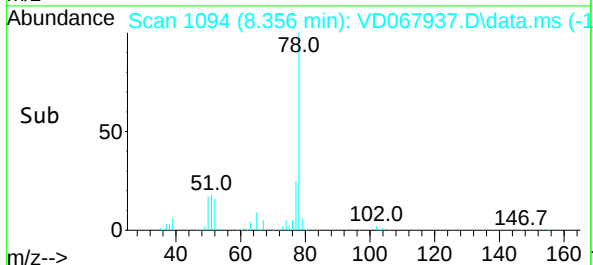
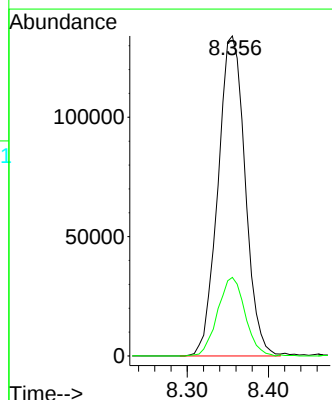
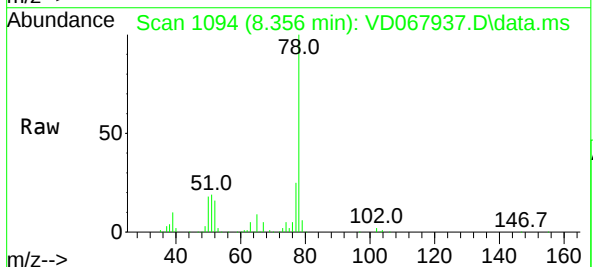
Delta R.T. 0.000 min

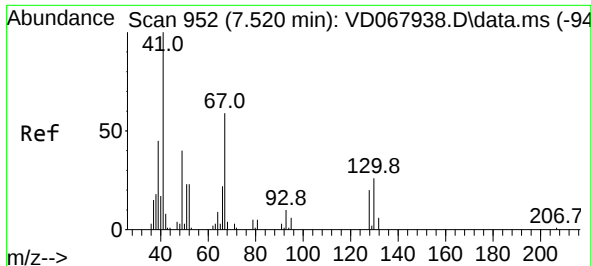
Lab File: VD067937.D

Acq: 22 Dec 2020 16:45

Tgt Ion: 78 Resp: 311834

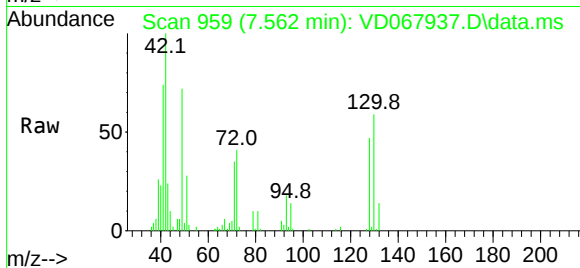
Ion	Ratio	Lower	Upper
78	100		
77	24.6	20.1	30.1



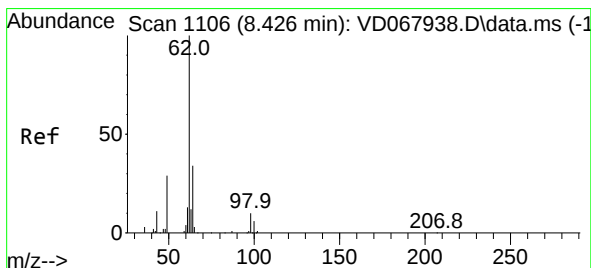
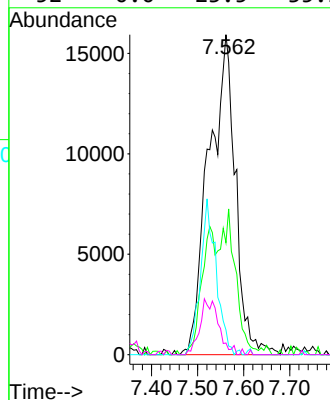
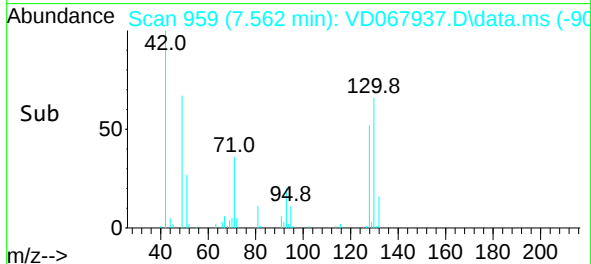


#41
Methacrylonitrile
Concen: 95.32 ug/l
RT: 7.562 min Scan# 959
Delta R.T. 0.041 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

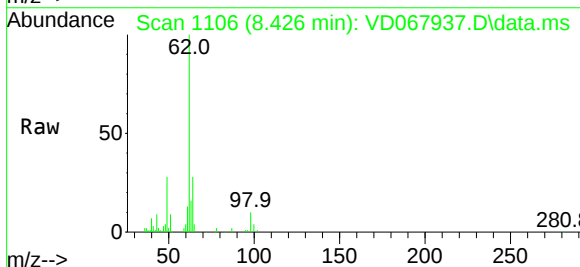
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



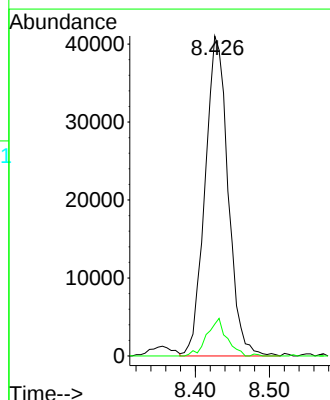
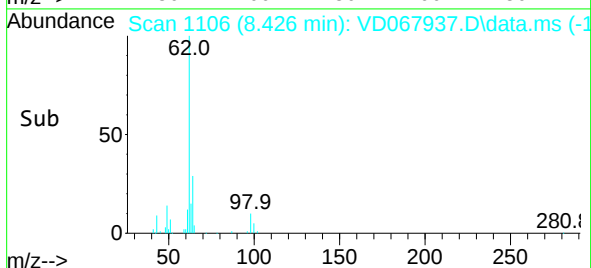
Tgt Ion: 41 Resp: 63739
Ion Ratio Lower Upper
41 100
39 0.0 46.2 69.2#
67 0.0 55.1 82.7#
52 0.0 23.5 35.3#

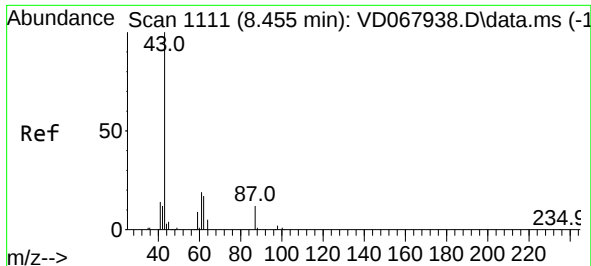


#42
1,2-Dichloroethane
Concen: 21.69 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45



Tgt Ion: 62 Resp: 88662
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.4





#43

Isopropyl Acetate

Concen: 32.15 ug/l

RT: 8.456 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VD067937.D

Acq: 22 Dec 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

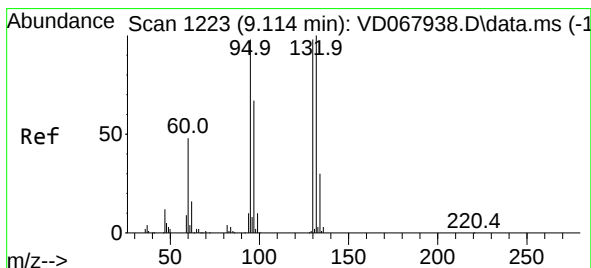
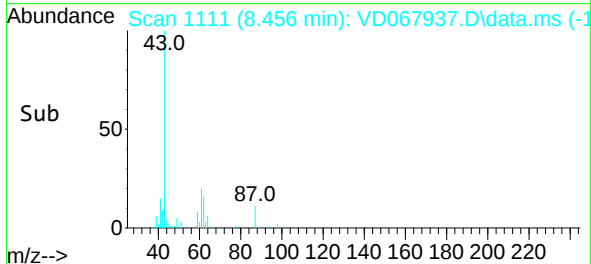
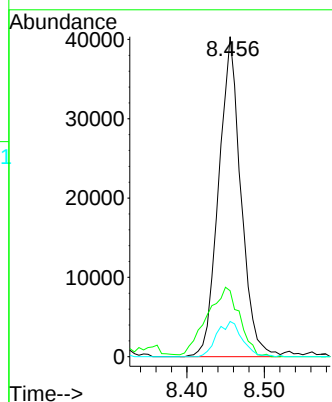
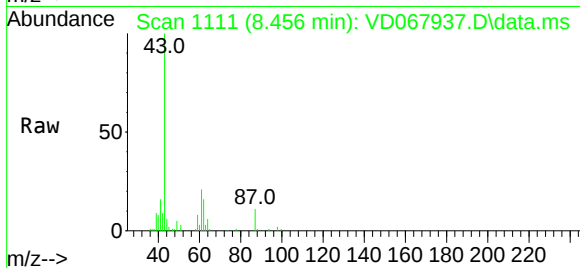
Tgt Ion: 43 Resp: 80418

Ion Ratio Lower Upper

43 100

61 32.1 24.5 36.7

87 12.6 9.8 14.8



#44

Trichloroethene

Concen: 19.77 ug/l

RT: 9.114 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD067937.D

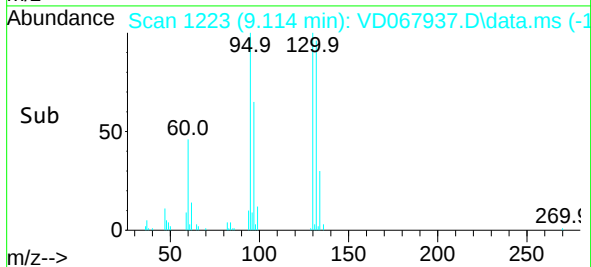
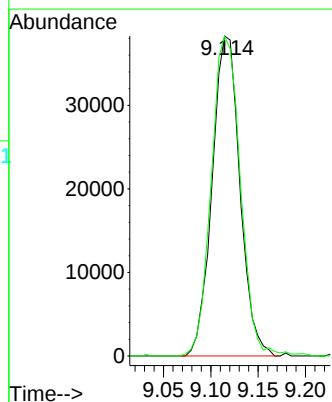
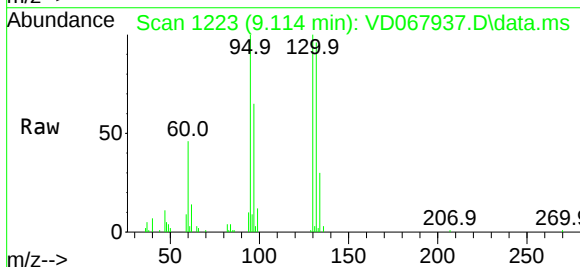
Acq: 22 Dec 2020 16:45

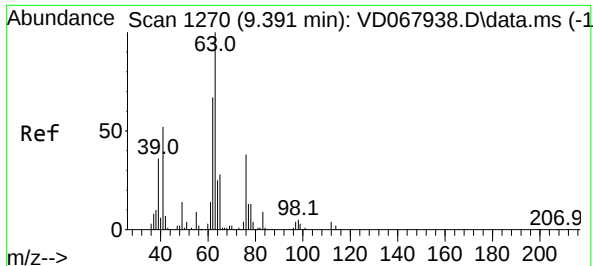
Tgt Ion:130 Resp: 78187

Ion Ratio Lower Upper

130 100

95 99.8 0.0 200.8



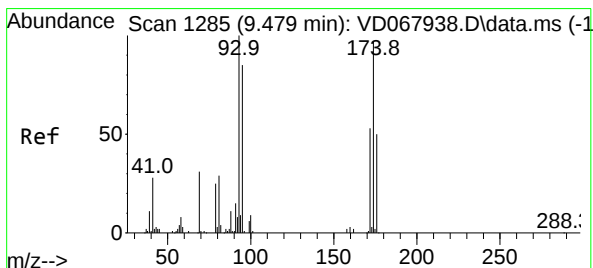
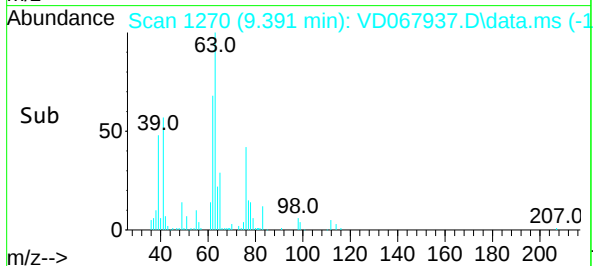
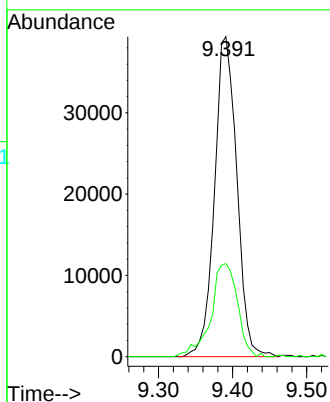
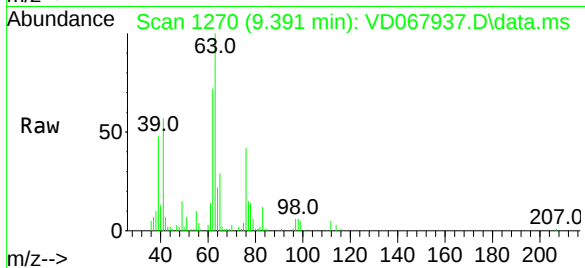


#45

1,2-Dichloropropane
Concen: 31.47 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

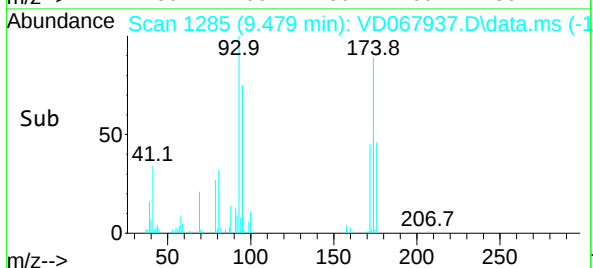
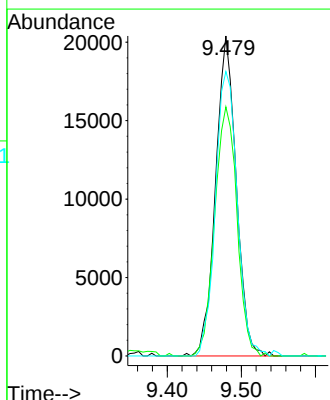
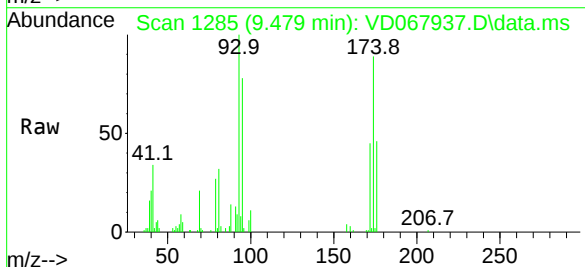
Tgt Ion: 63 Resp: 82353
Ion Ratio Lower Upper
63 100
65 28.7 22.7 34.1

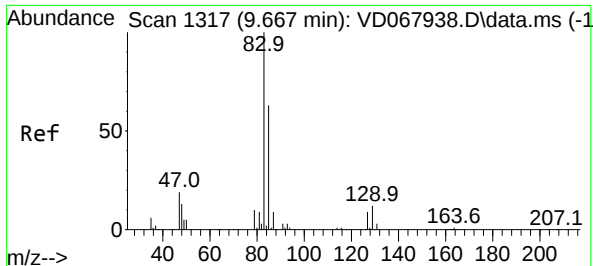


#46

Dibromomethane
Concen: 23.55 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 93 Resp: 39532
Ion Ratio Lower Upper
93 100
95 83.9 68.0 102.0
174 93.8 74.7 112.1

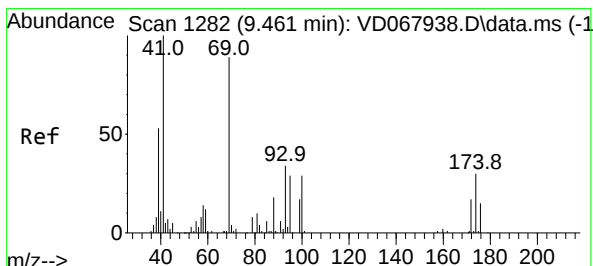
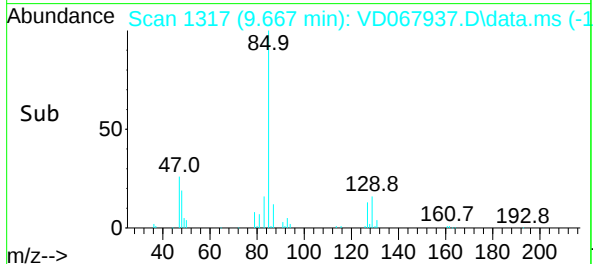
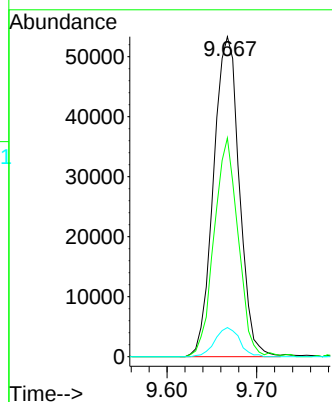
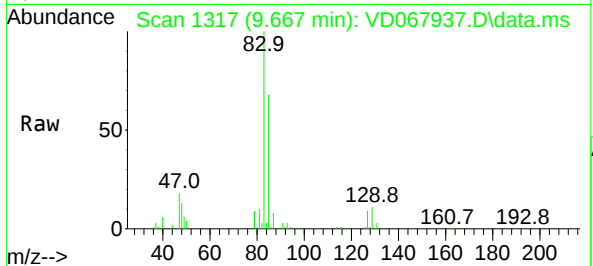




#47
Bromodichloromethane
Concen: 22.20 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

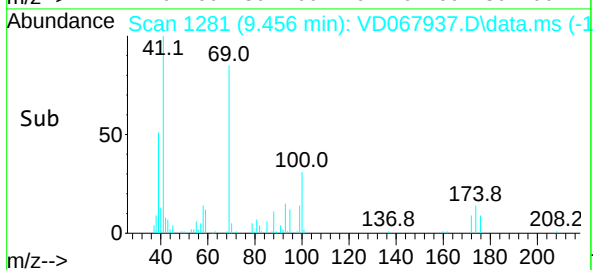
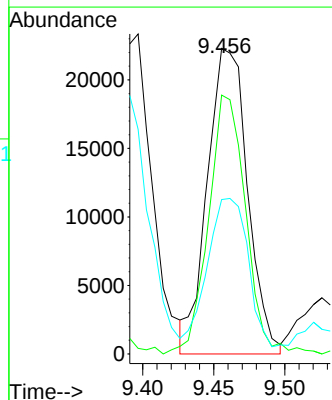
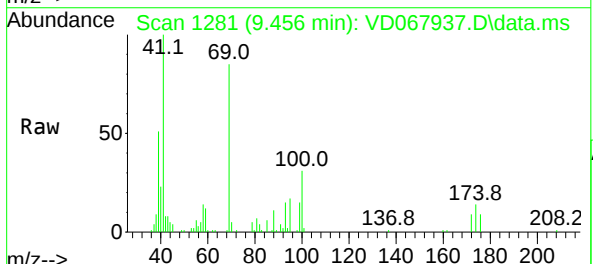
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

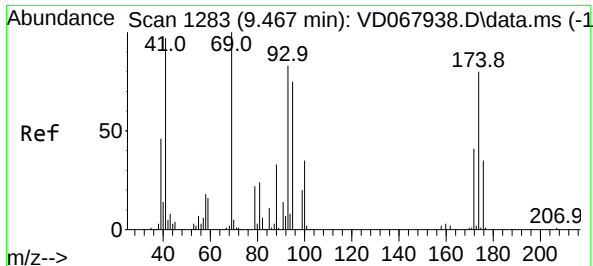
Tgt Ion:	83	Resp:	106328
Ion	Ratio	Lower	Upper
83	100		
85	68.3	50.5	75.7
127	9.1	7.2	10.8



#48
Methyl methacrylate
Concen: 34.24 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:	41	Resp:	44003
Ion	Ratio	Lower	Upper
41	100		
69	78.1	63.9	95.9
39	54.1	37.4	56.0

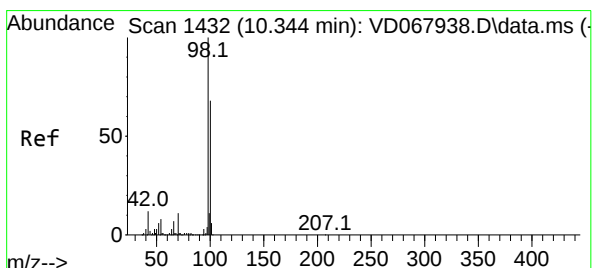
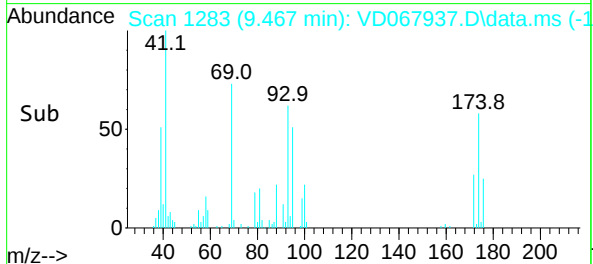
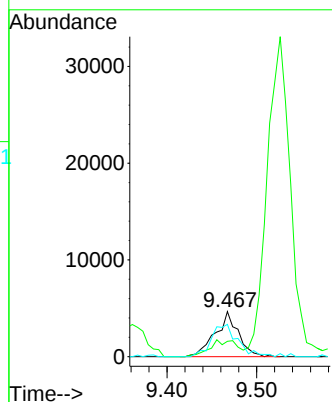
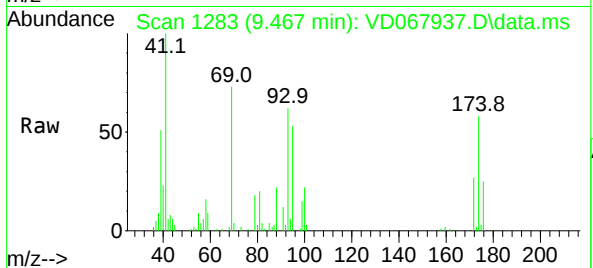




#49
1,4-Dioxane
Concen: 432.22 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

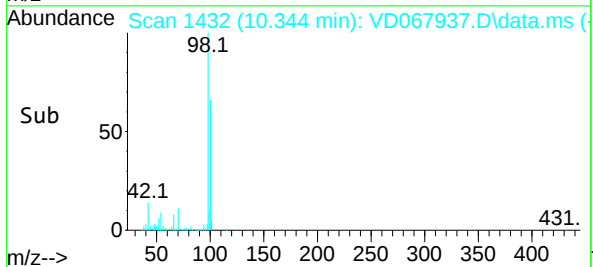
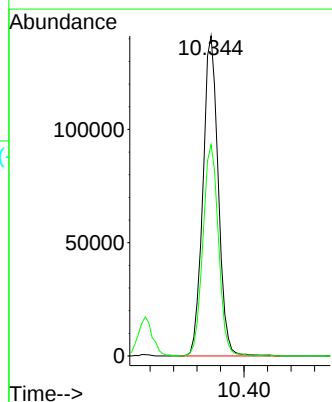
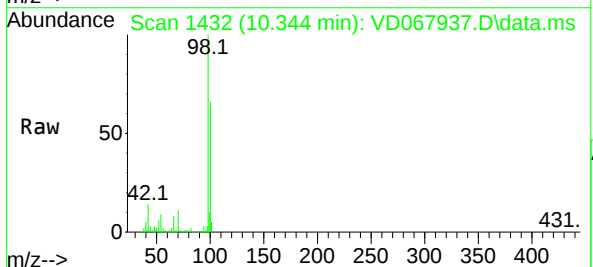
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

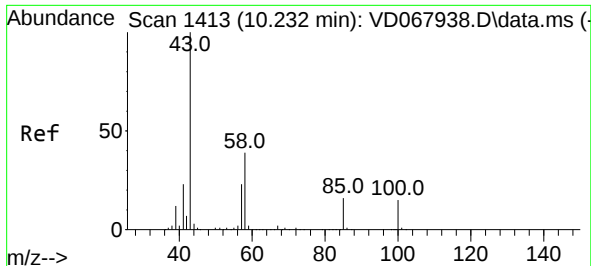
Tgt Ion: 88 Resp: 8305
Ion Ratio Lower Upper
88 100
43 43.6 27.3 40.9#
58 82.6 54.8 82.2#



#50
Toluene-d8
Concen: 21.99 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 98 Resp: 255818
Ion Ratio Lower Upper
98 100
100 67.2 52.5 78.7

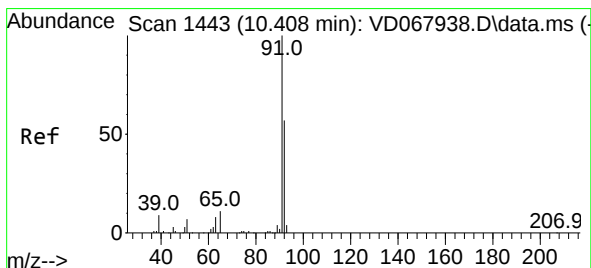
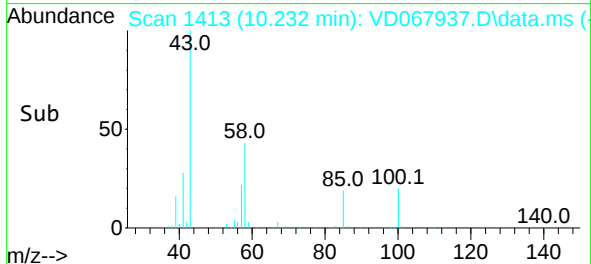
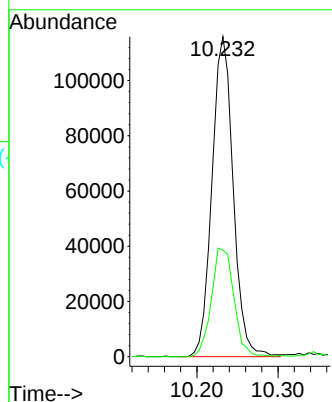
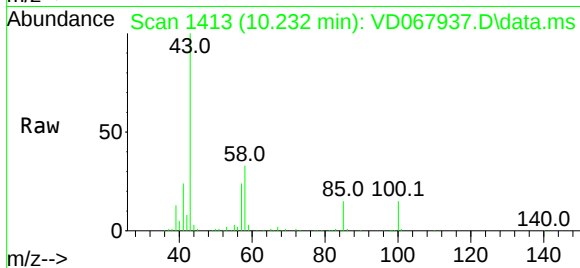




#51
4-Methyl-2-Pentanone
Concen: 173.48 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

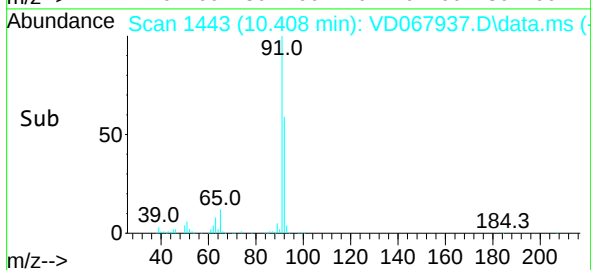
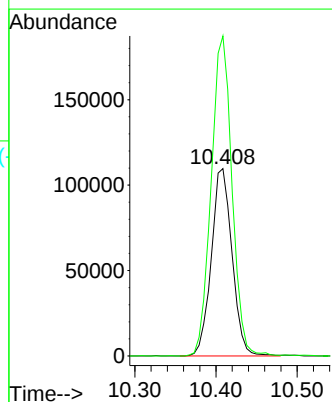
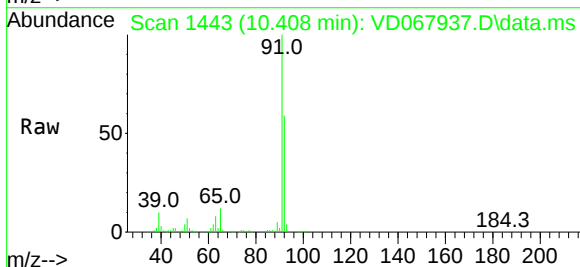
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

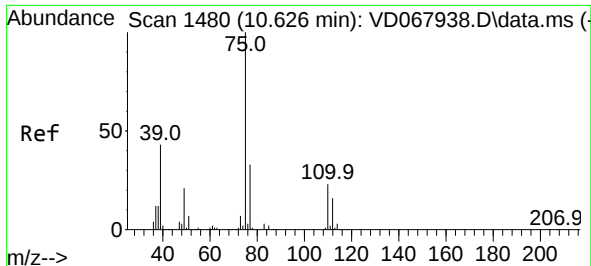
Tgt Ion: 43 Resp: 210639
Ion Ratio Lower Upper
43 100
58 36.0 30.0 45.0



#52
Toluene
Concen: 23.42 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 92 Resp: 194916
Ion Ratio Lower Upper
92 100
91 171.1 138.5 207.7

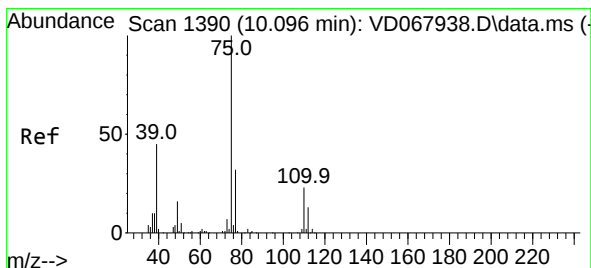
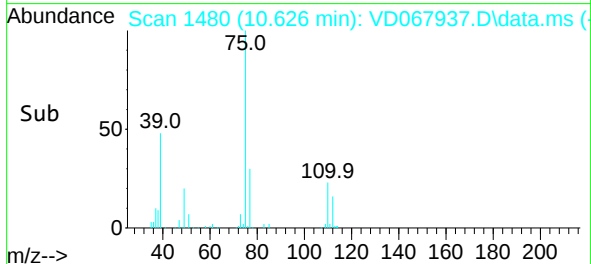
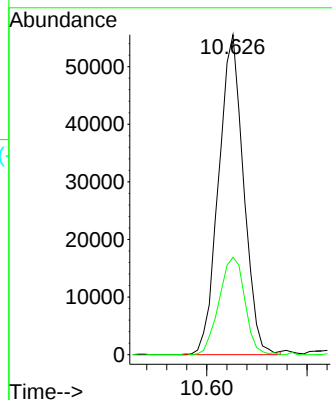
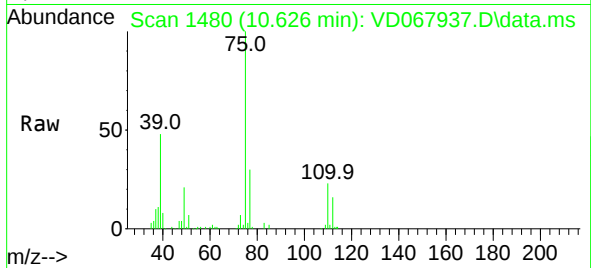




#53
t-1,3-Dichloropropene
Concen: 23.06 ug/l
RT: 10.626 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

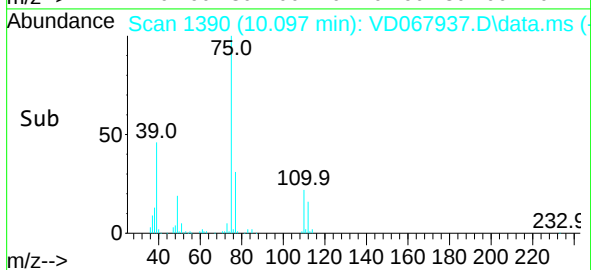
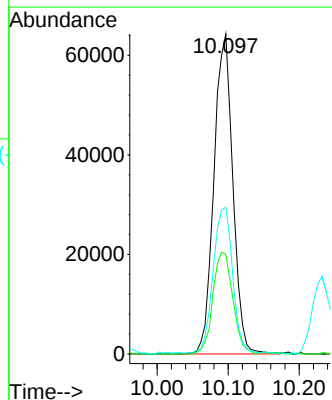
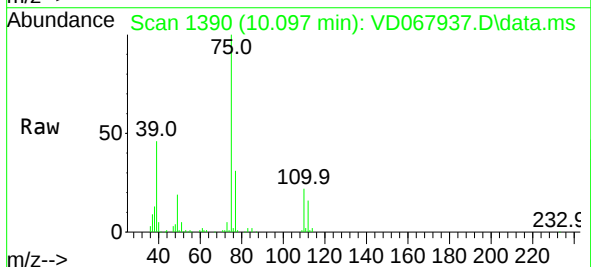
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

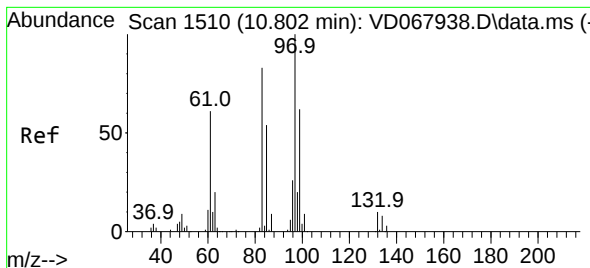
Tgt Ion: 75 Resp: 95723
Ion Ratio Lower Upper
75 100
77 30.4 26.8 40.2



#54
cis-1,3-Dichloropropene
Concen: 25.69 ug/l
RT: 10.097 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 75 Resp: 118717
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 45.6 35.7 53.5

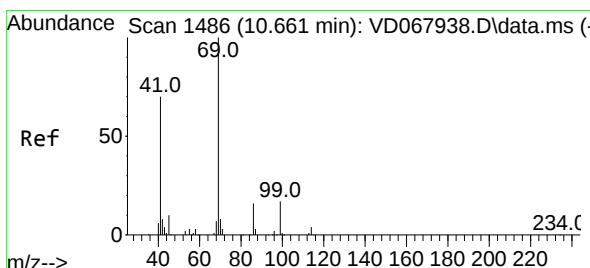
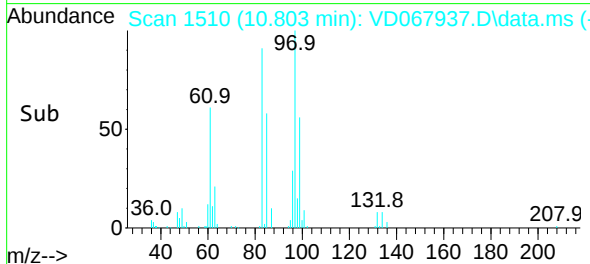
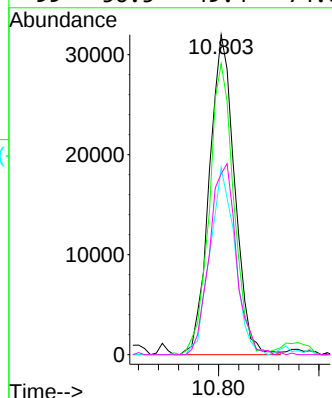
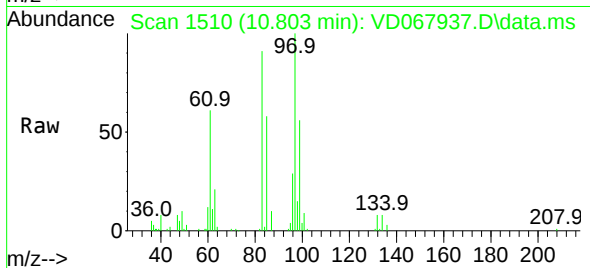




#55
1,1,2-Trichloroethane
Concen: 24.16 ug/l
RT: 10.803 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

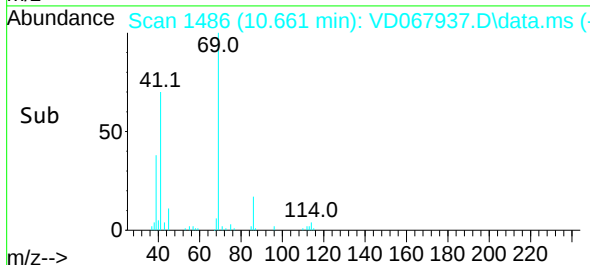
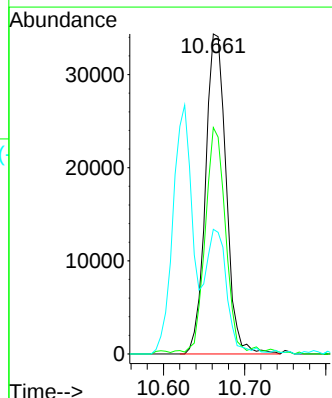
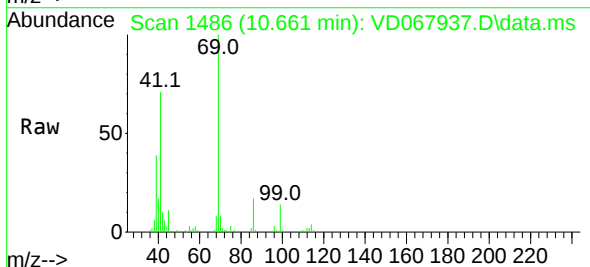
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

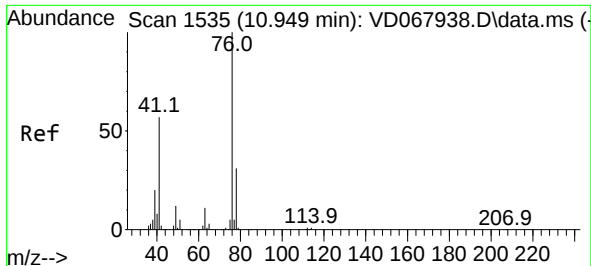
Tgt Ion:	97	Resp:	56220
Ion	Ratio	Lower	Upper
97	100		
83	90.9	66.4	99.6
85	58.5	43.4	65.0
99	56.5	49.4	74.0



#56
Ethyl methacrylate
Concen: 25.19 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:	69	Resp:	60670
Ion	Ratio	Lower	Upper
69	100		
41	68.1	56.4	84.6
39	38.8	24.6	36.8

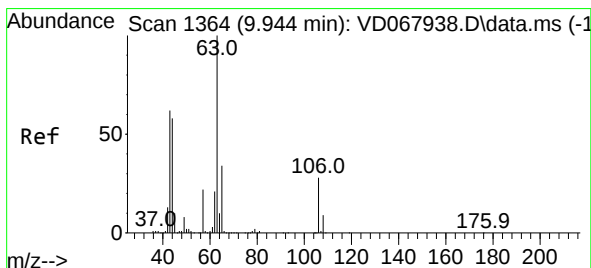
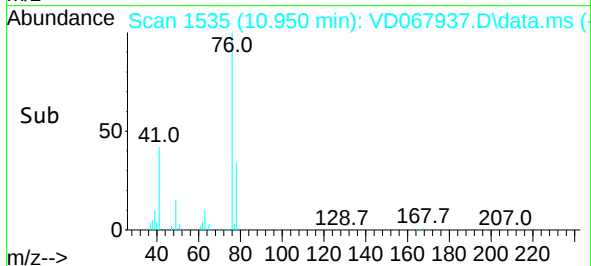
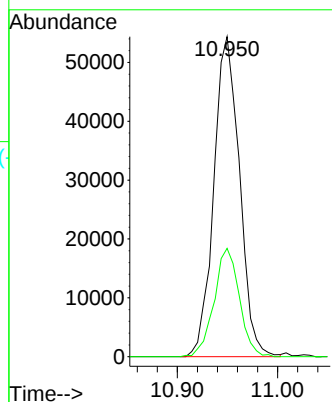
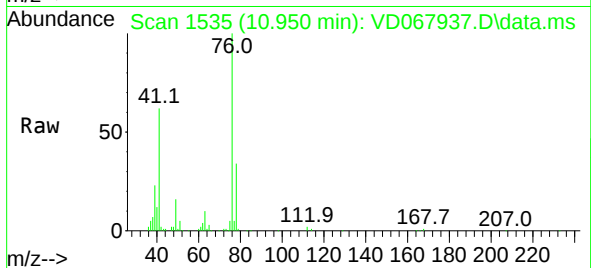




#57
1,3-Dichloropropane
Concen: 25.67 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

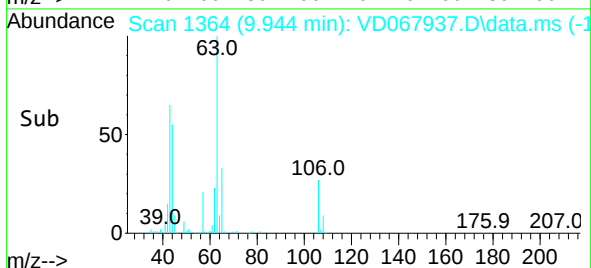
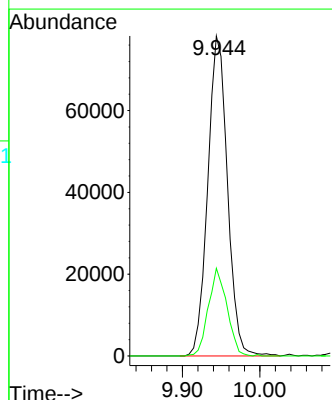
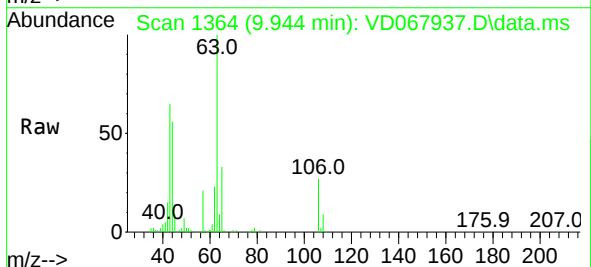
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

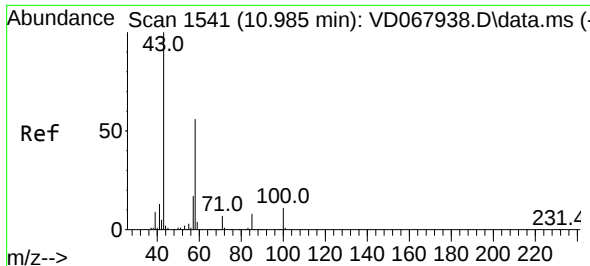
Tgt Ion: 76 Resp: 96859
Ion Ratio Lower Upper
76 100
78 33.2 25.2 37.8



#58
2-Chloroethyl Vinyl ether
Concen: 123.04 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 63 Resp: 138242
Ion Ratio Lower Upper
63 100
106 25.8 21.6 32.4

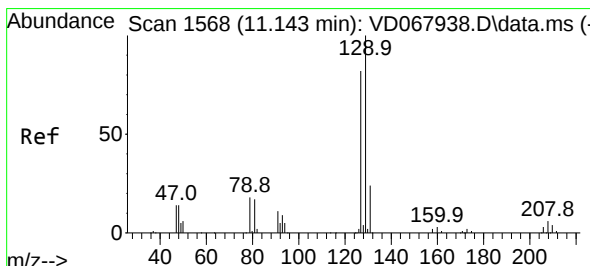
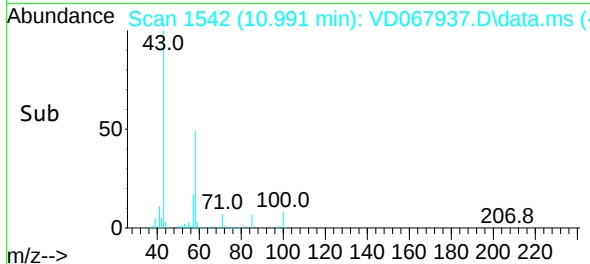
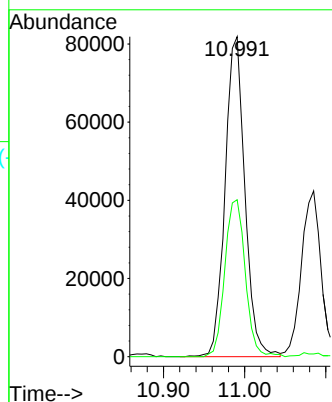
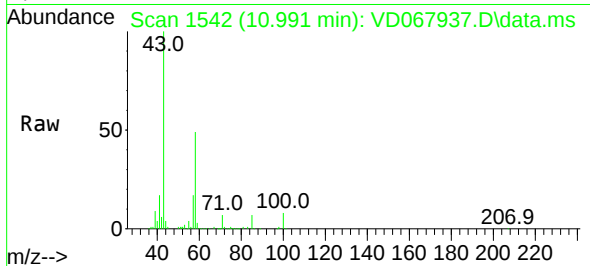




#59
2-Hexanone
Concen: 166.27 ug/l
RT: 10.991 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

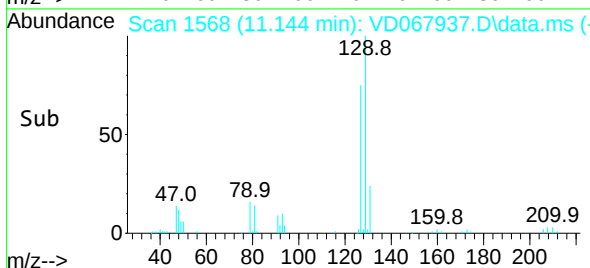
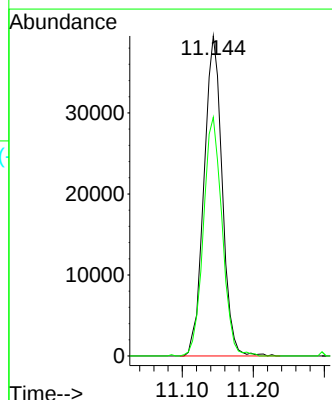
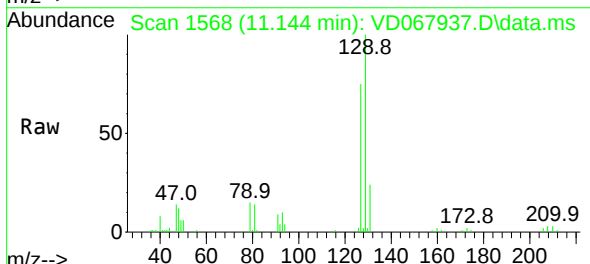
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

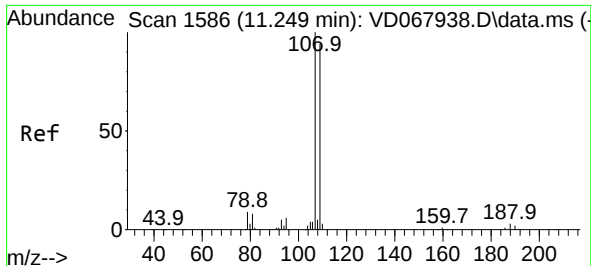
Tgt Ion: 43 Resp: 138921
Ion Ratio Lower Upper
43 100
58 50.5 27.5 82.4



#60
Dibromochloromethane
Concen: 20.77 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 129 Resp: 70447
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4

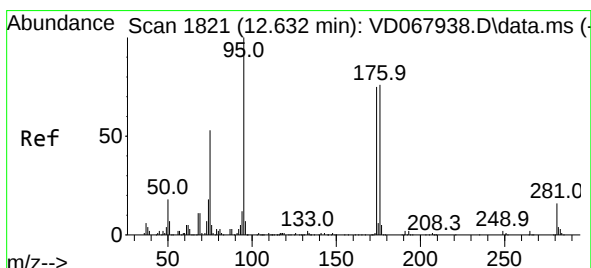
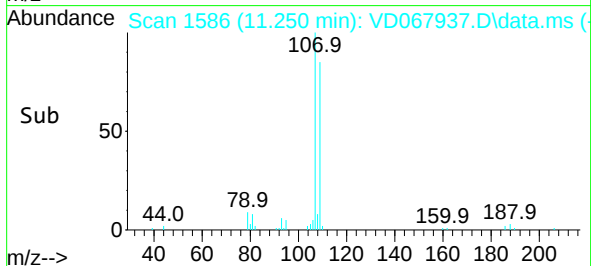
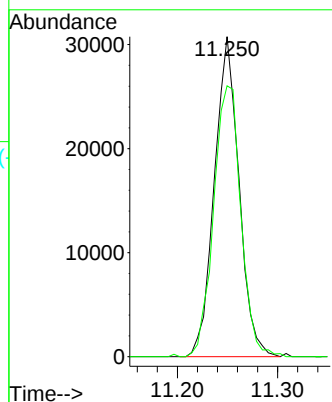
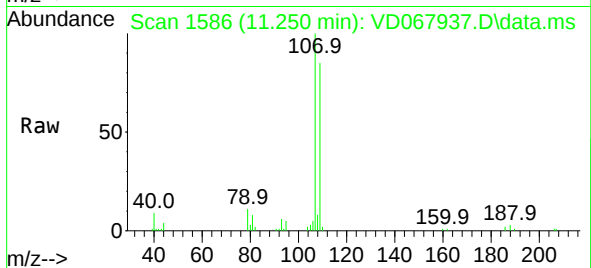




#61
1,2-Dibromoethane
Concen: 23.05 ug/l
RT: 11.250 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

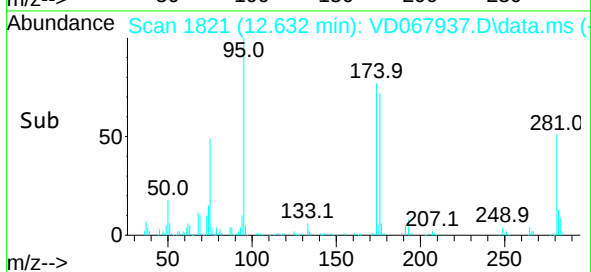
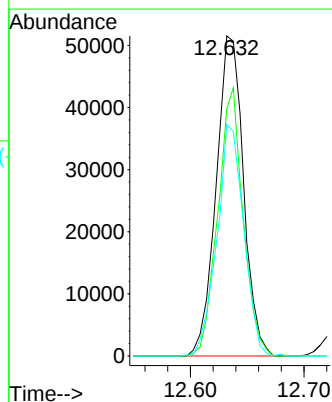
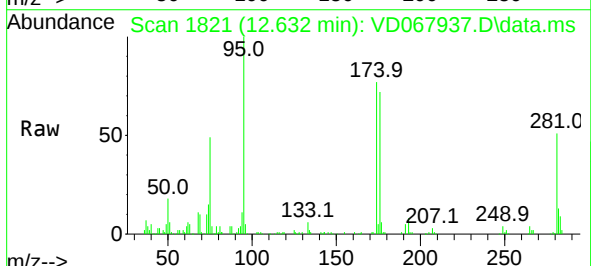
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

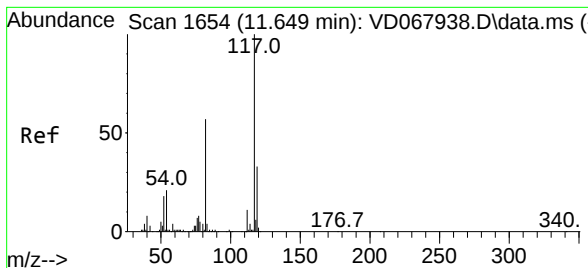
Tgt Ion:107 Resp: 52493
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 21.42 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 95 Resp: 86029
Ion Ratio Lower Upper
95 100
174 77.5 0.0 150.6
176 70.9 0.0 151.2

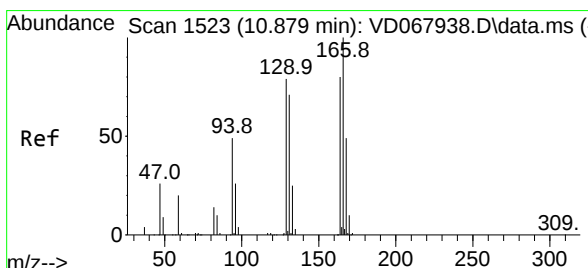
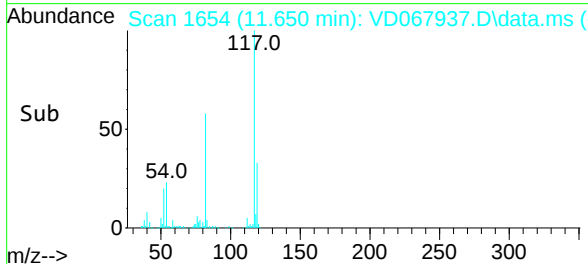
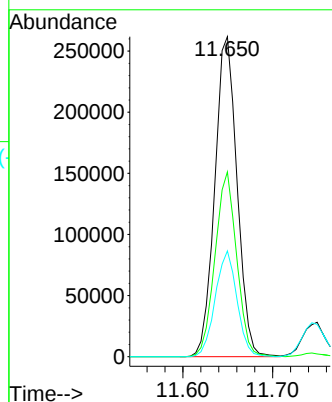
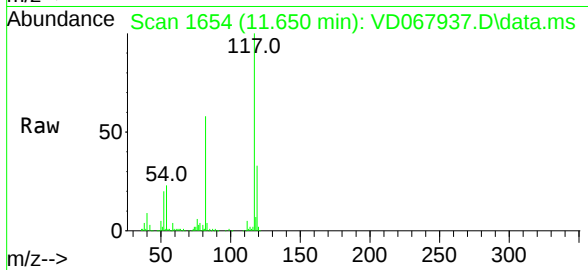




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

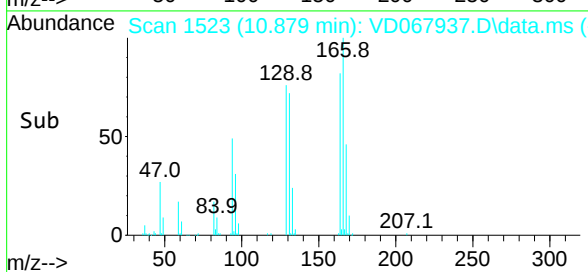
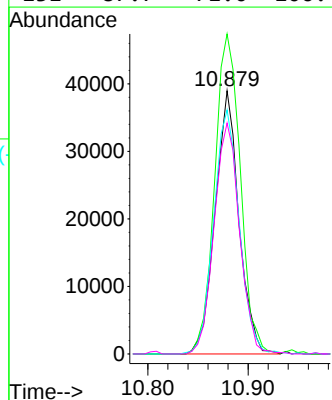
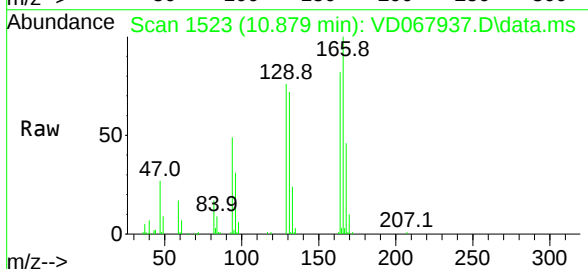
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

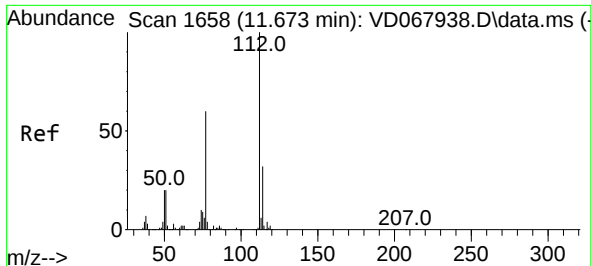
Tgt Ion:117 Resp: 451059
Ion Ratio Lower Upper
117 100
82 57.8 45.4 68.0
119 33.1 26.7 40.1



#64
Tetrachloroethene
Concen: 17.96 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:164 Resp: 64355
Ion Ratio Lower Upper
164 100
166 121.6 99.4 149.2
129 92.7 79.0 118.4
131 87.7 71.0 106.4

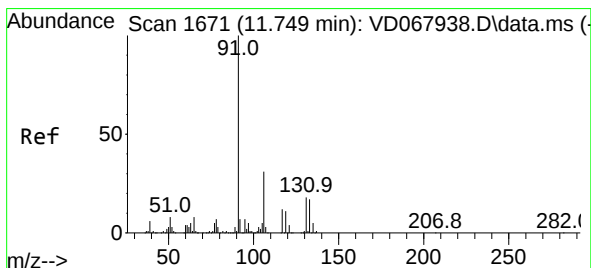
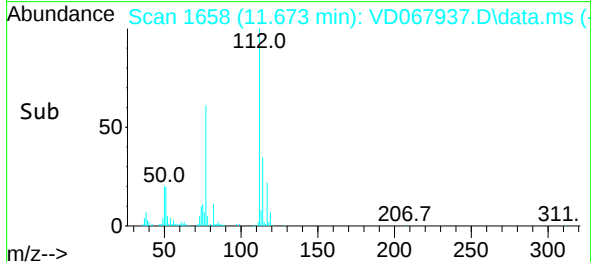
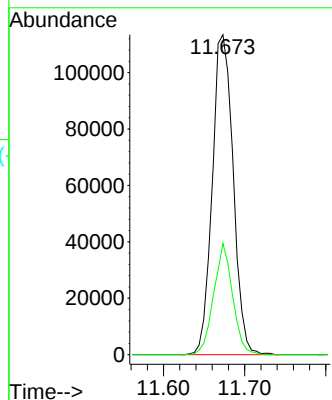
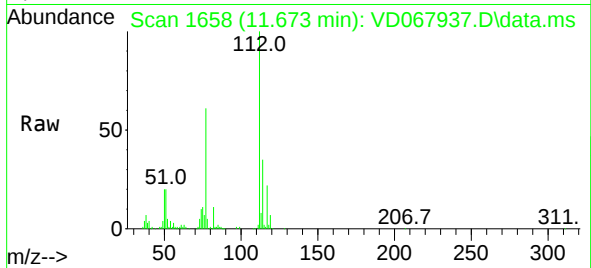




#65
Chlorobenzene
Concen: 21.77 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

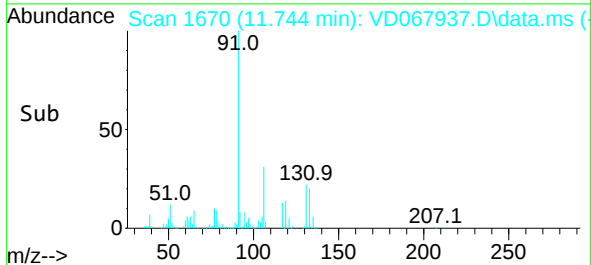
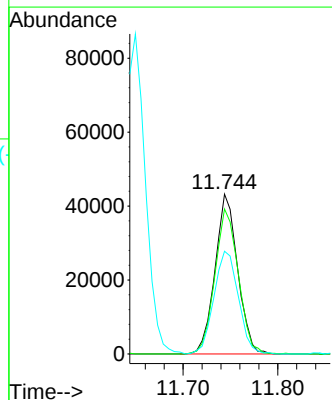
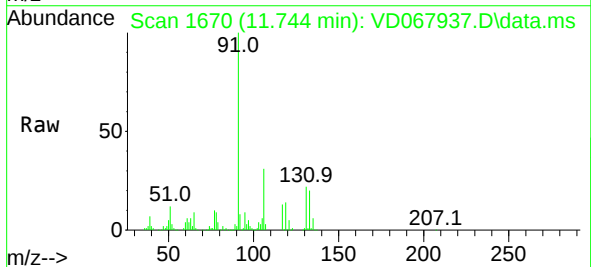
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

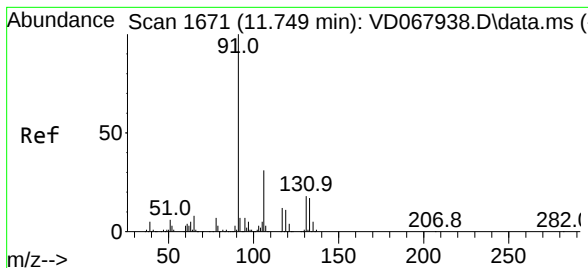
Tgt Ion:112 Resp: 202704
Ion Ratio Lower Upper
112 100
114 34.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.19 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:131 Resp: 71550
Ion Ratio Lower Upper
131 100
133 93.8 48.4 145.0
119 69.6 33.4 100.2

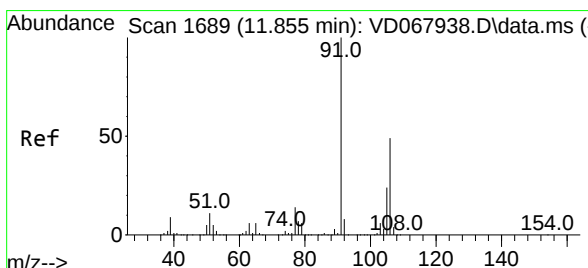
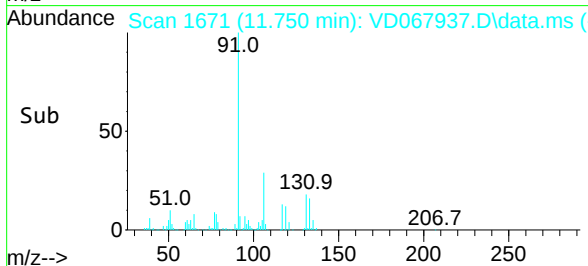
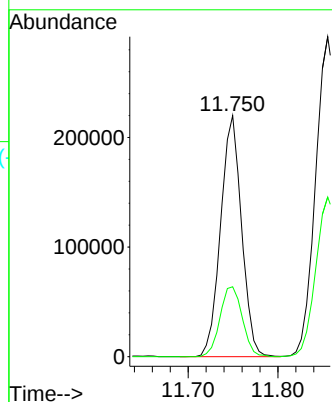
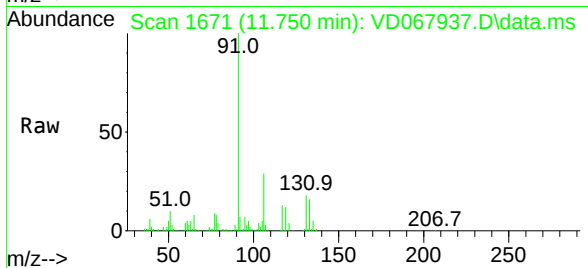




#67
Ethyl Benzene
Concen: 22.24 ug/l
RT: 11.750 min Scan# 1671
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

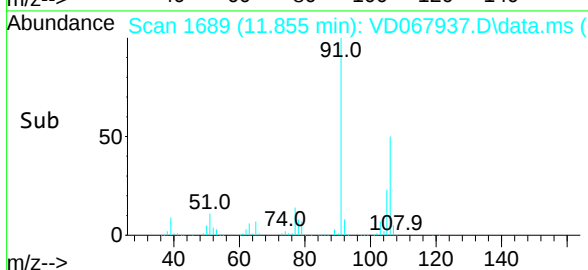
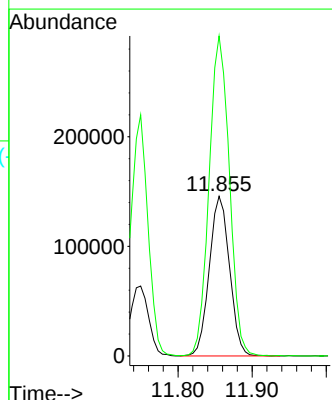
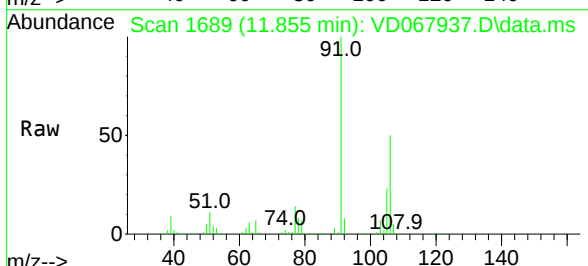
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

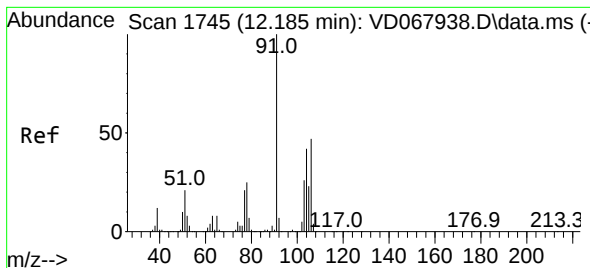
Tgt Ion: 91 Resp: 356472
Ion Ratio Lower Upper
91 100
106 29.0 24.6 37.0



#68
m/p-Xylenes
Concen: 43.97 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:106 Resp: 276608
Ion Ratio Lower Upper
106 100
91 200.7 159.9 239.9

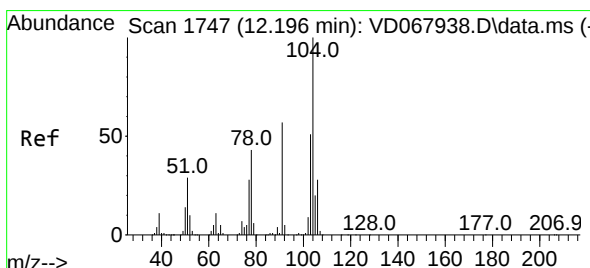
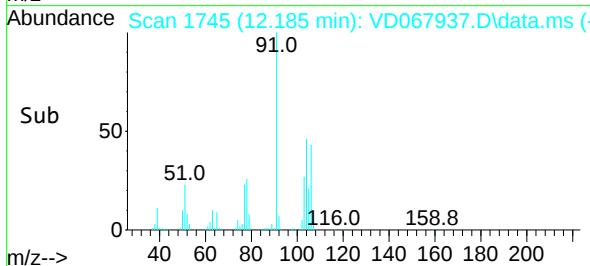
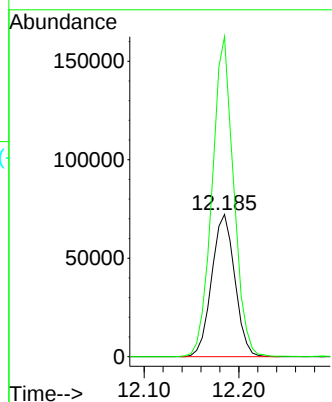
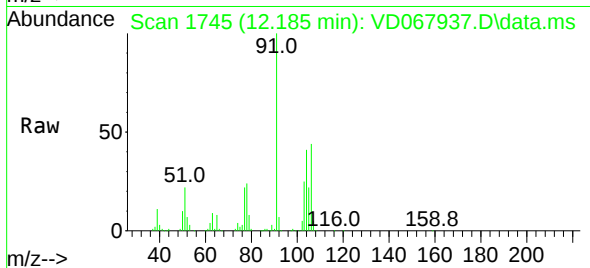




#69
o-Xylene
Concen: 21.94 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

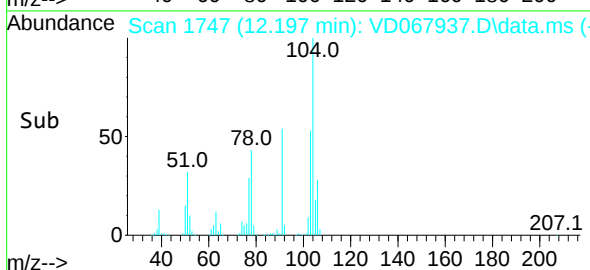
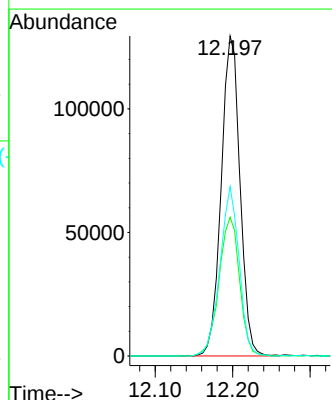
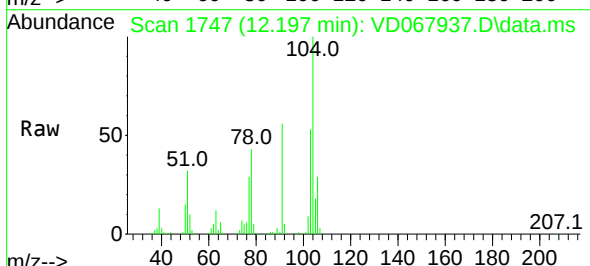
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

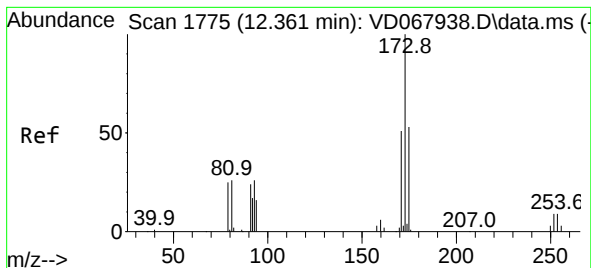
Tgt Ion:106 Resp: 122451
Ion Ratio Lower Upper
106 100
91 210.6 106.0 317.9



#70
Styrene
Concen: 22.49 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:104 Resp: 218391
Ion Ratio Lower Upper
104 100
78 47.5 38.6 58.0
103 53.9 44.2 66.4





#71

Bromoform

Concen: 18.36 ug/l

RT: 12.367 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VD067937.D

Acq: 22 Dec 2020 16:45

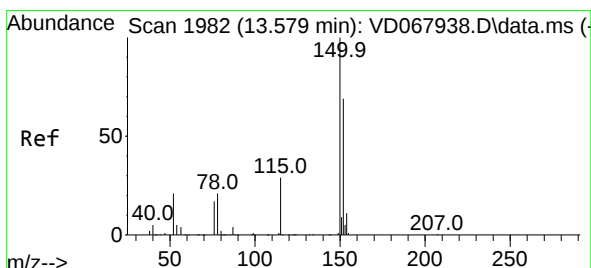
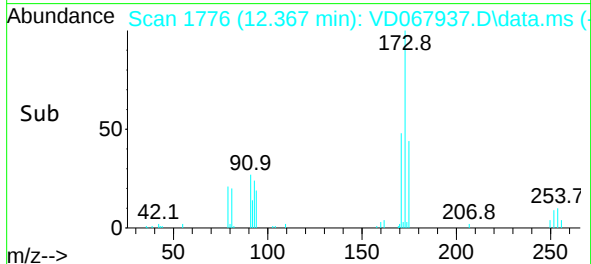
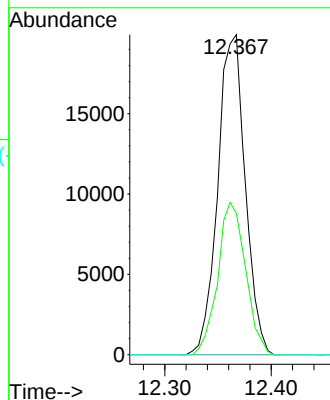
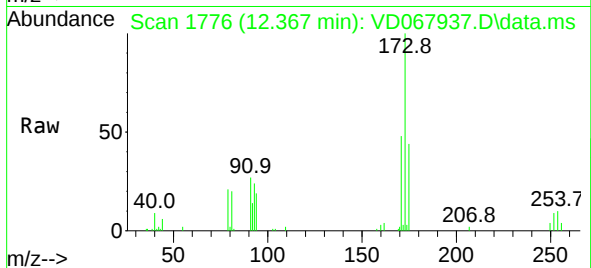
Tgt Ion:173 Resp: 35625

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VD067937.D

Acq: 22 Dec 2020 16:45

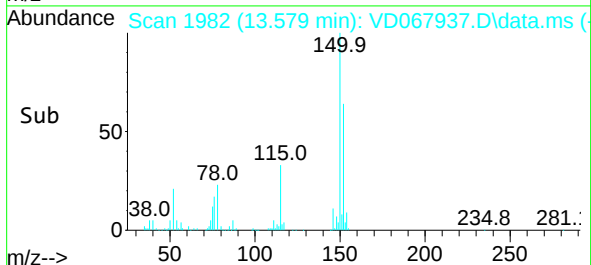
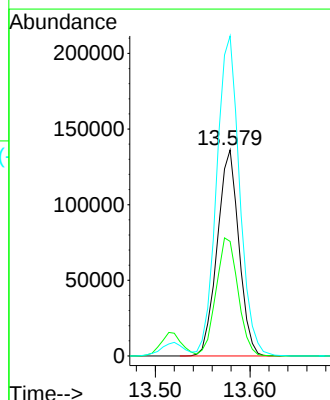
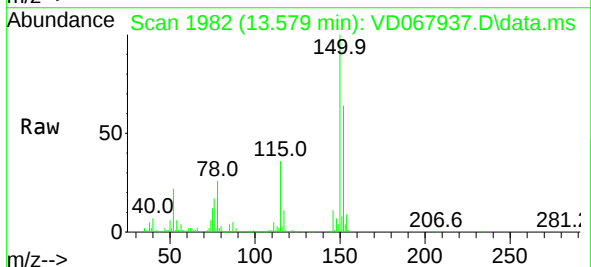
Tgt Ion:152 Resp: 216016

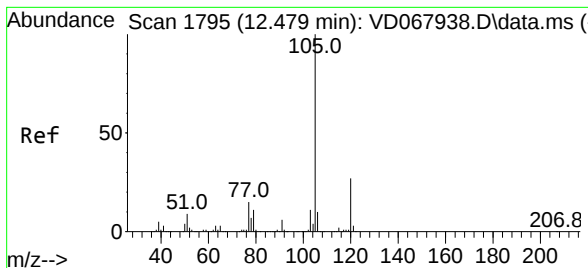
Ion Ratio Lower Upper

152 100

115 58.5 29.3 88.0

150 165.5 0.0 340.0

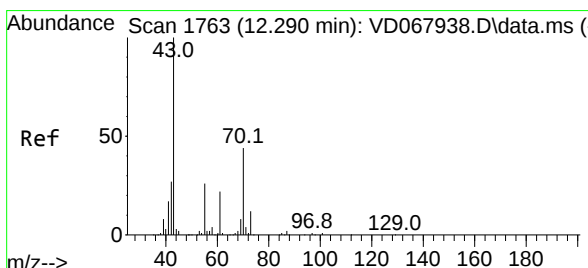
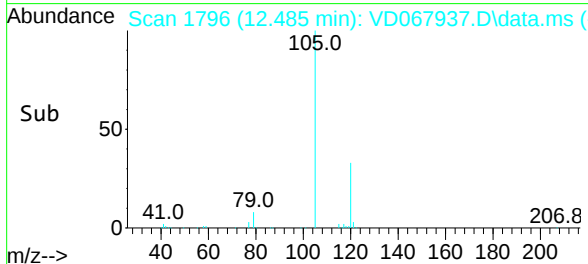
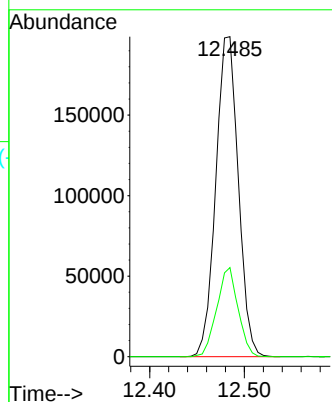
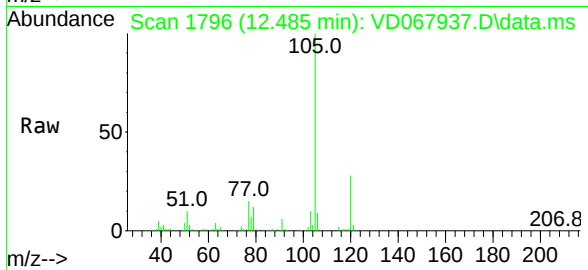




#73
Isopropylbenzene
Concen: 22.04 ug/l
RT: 12.485 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

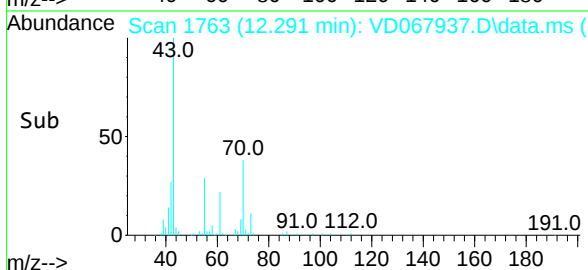
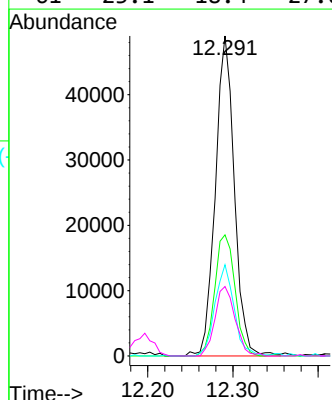
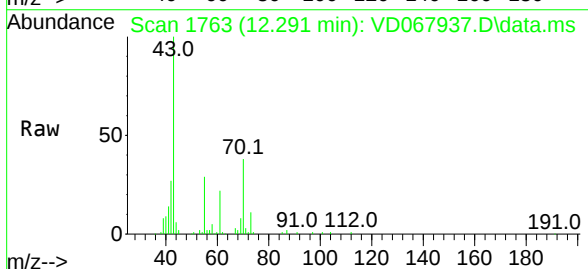
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

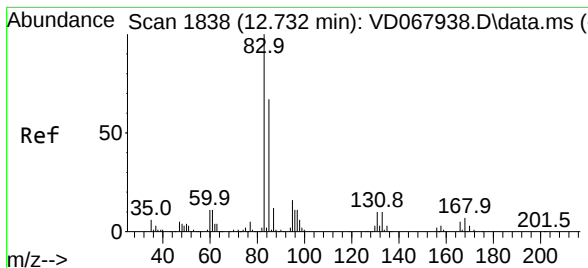
Tgt Ion:105 Resp: 328603
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1



#74
N-ethyl acetate
Concen: 36.10 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 43 Resp: 75869
Ion Ratio Lower Upper
43 100
70 40.4 34.3 51.5
55 28.8 21.2 31.8
61 23.1 18.4 27.6

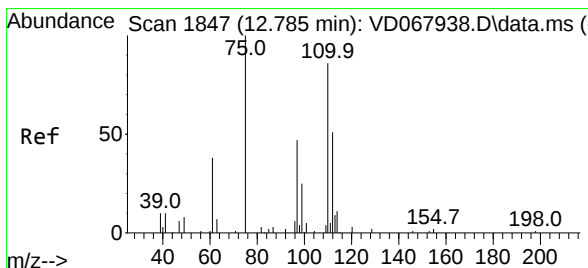
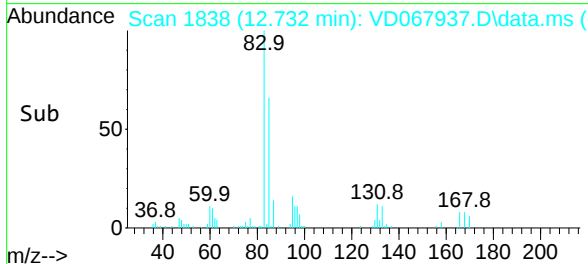
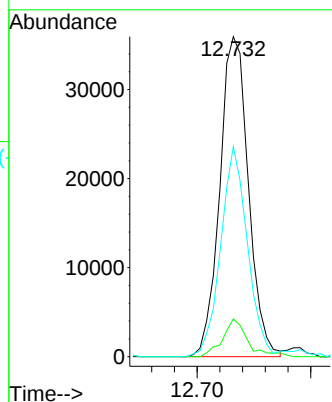
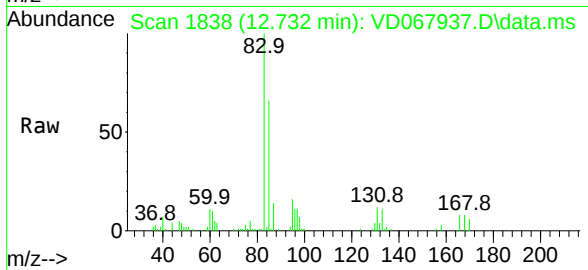




#75
1,1,2,2-Tetrachloroethane
Concen: 30.14 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

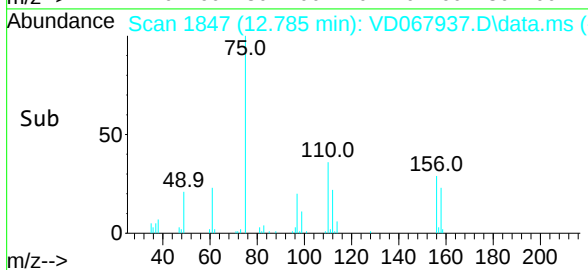
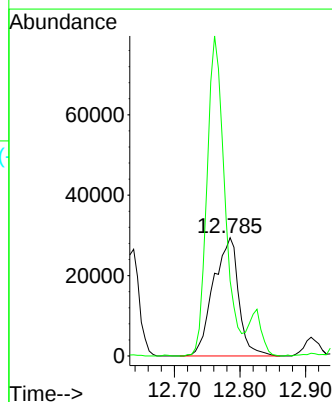
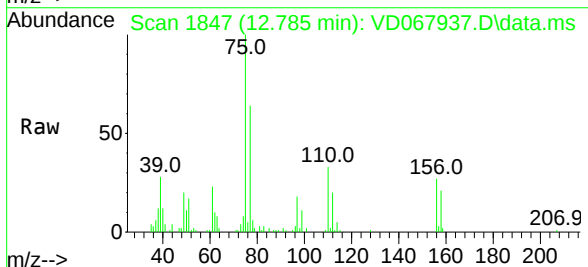
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

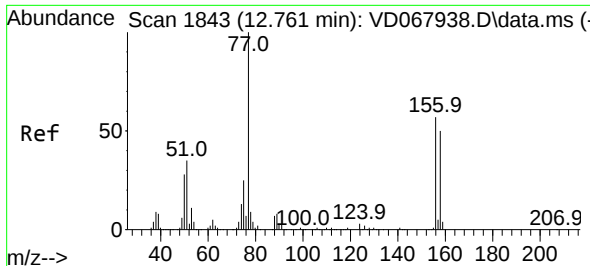
Tgt Ion: 83 Resp: 62899
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 61.8 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 48.56 ug/l
RT: 12.785 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 75 Resp: 78634
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

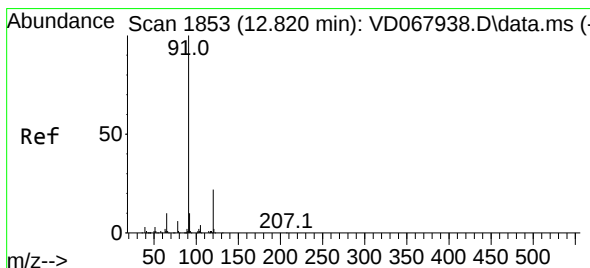
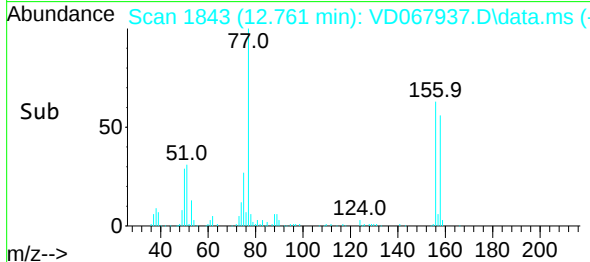
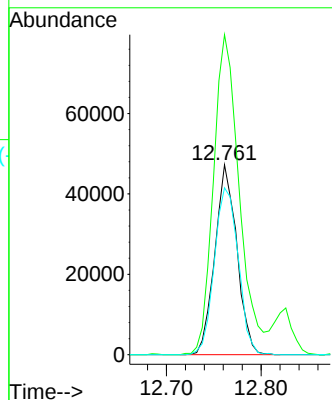
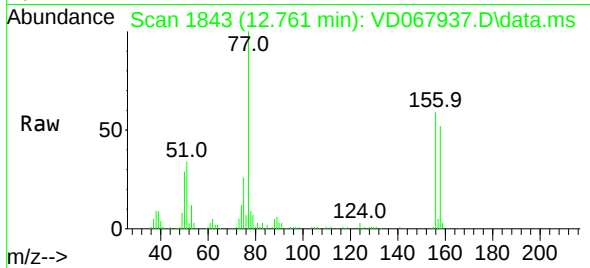




#77
Bromobenzene
Concen: 20.90 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

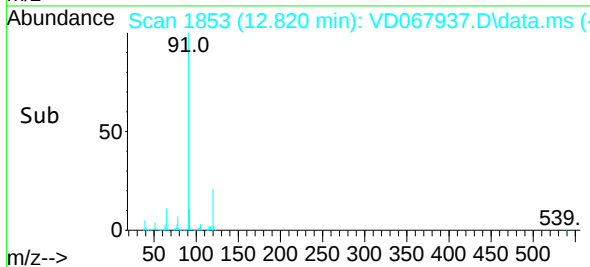
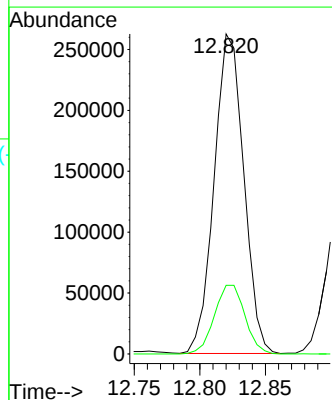
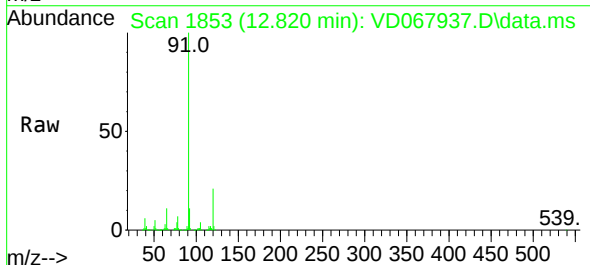
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

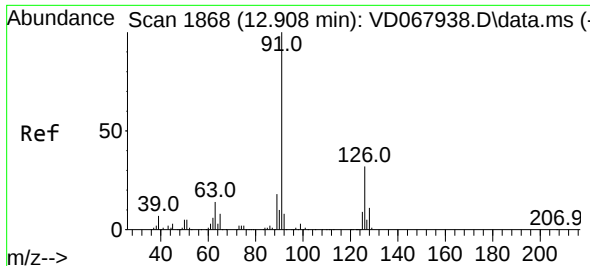
Tgt Ion:156 Resp: 76415
Ion Ratio Lower Upper
156 100
77 196.1 95.9 287.6
158 95.4 46.8 140.3



#78
n-propylbenzene
Concen: 24.40 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 91 Resp: 411558
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.5

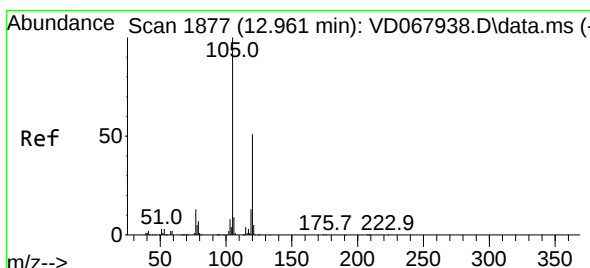
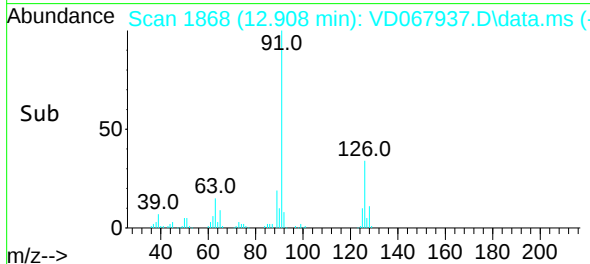
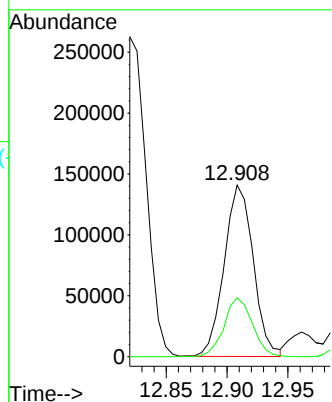
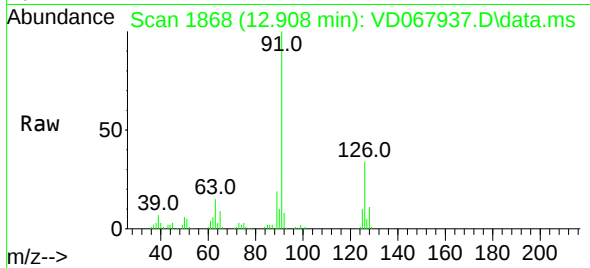




#79
2-Chlorotoluene
Concen: 23.76 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

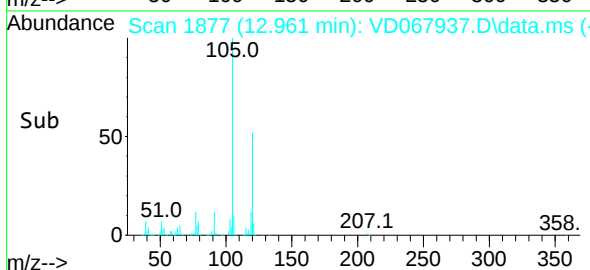
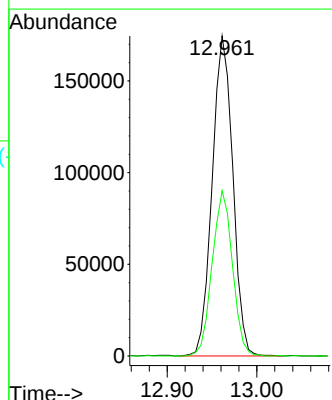
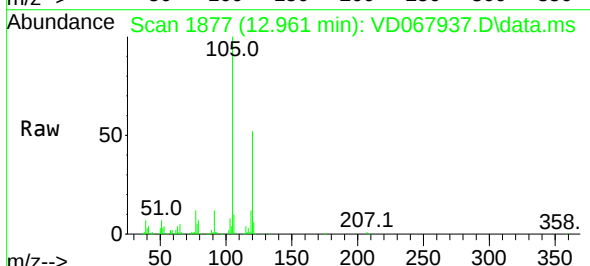
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

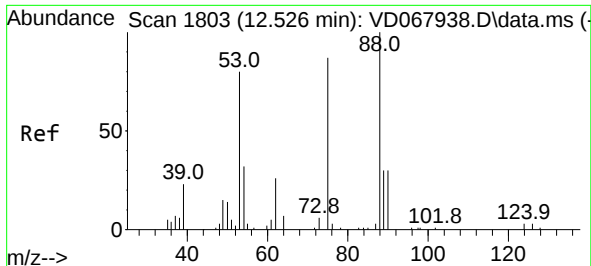
Tgt Ion: 91 Resp: 234076
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 21.73 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 105 Resp: 278484
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.6

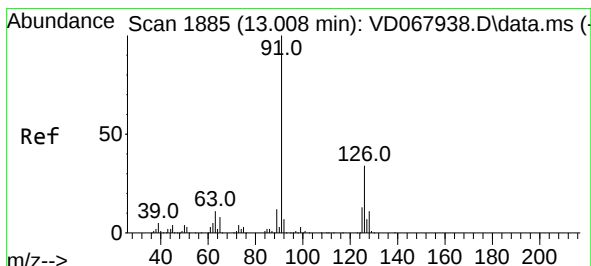
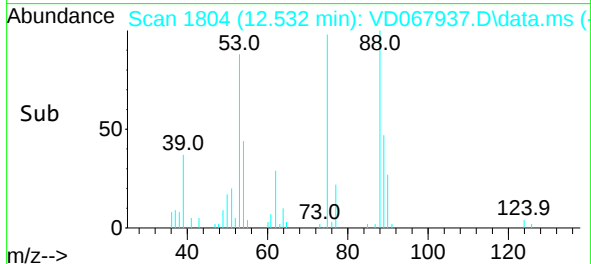
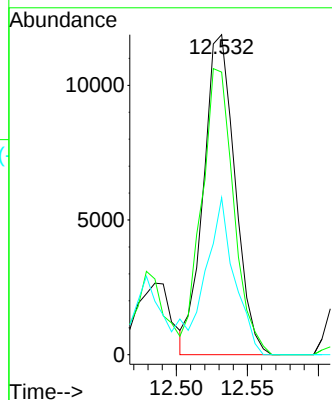
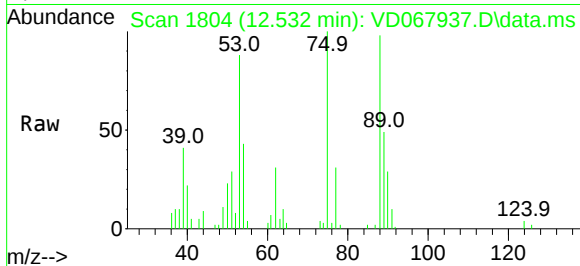




#81
trans-1,4-Dichloro-2-butene
Concen: 26.69 ug/l
RT: 12.532 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

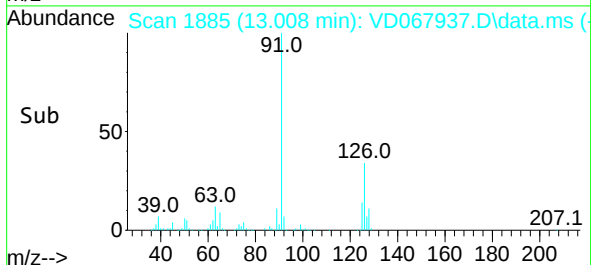
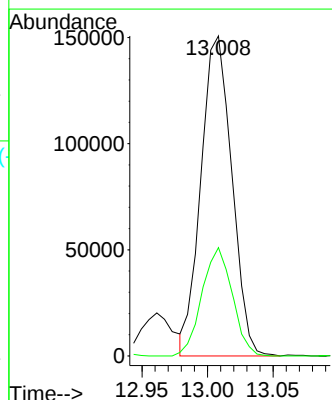
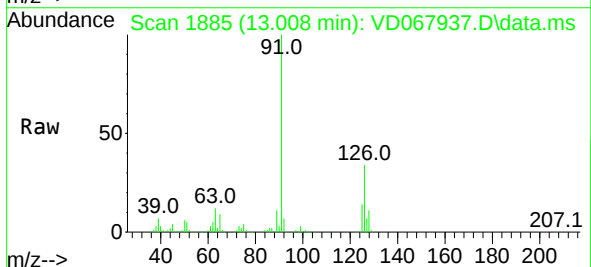
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

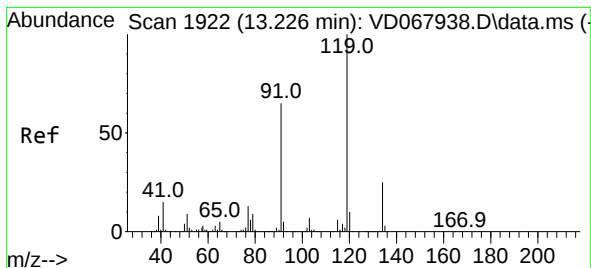
Tgt Ion: 75 Resp: 18316
Ion Ratio Lower Upper
75 100
53 90.9 74.9 112.3
89 43.0 33.8 50.8



#82
4-Chlorotoluene
Concen: 23.59 ug/l
RT: 13.008 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 91 Resp: 247470
Ion Ratio Lower Upper
91 100
126 33.2 17.0 51.0

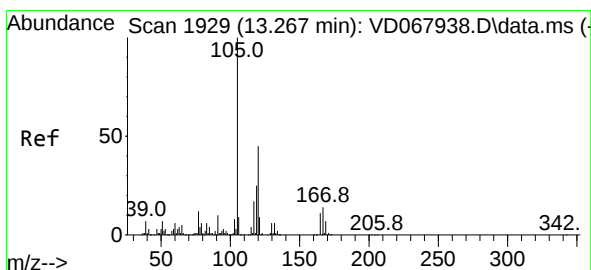
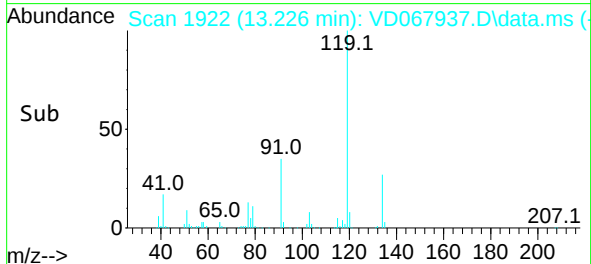
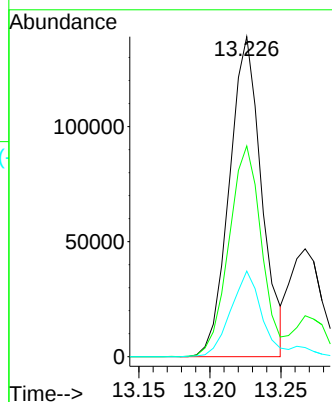
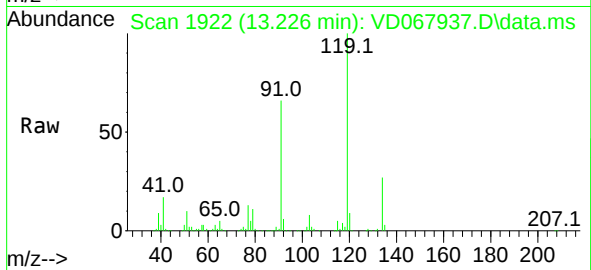




#83
tert-Butylbenzene
Concen: 20.39 ug/l
RT: 13.226 min Scan# 1922
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

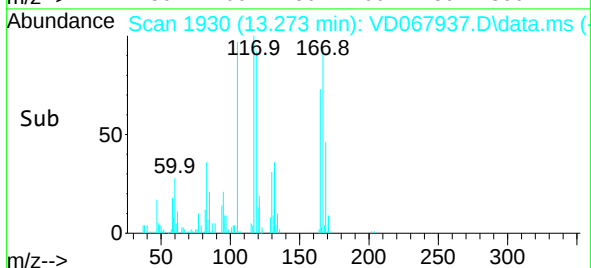
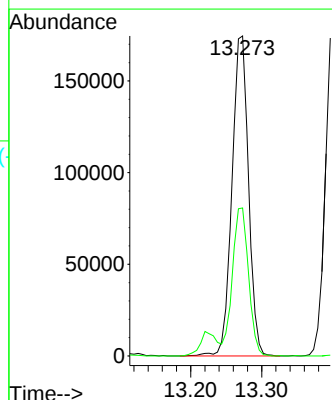
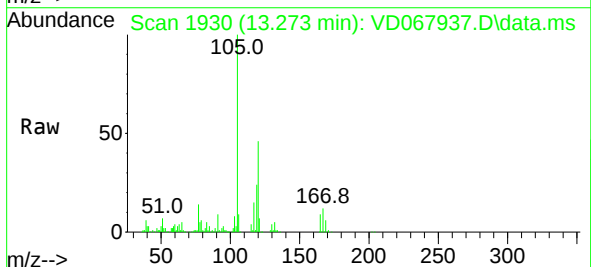
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

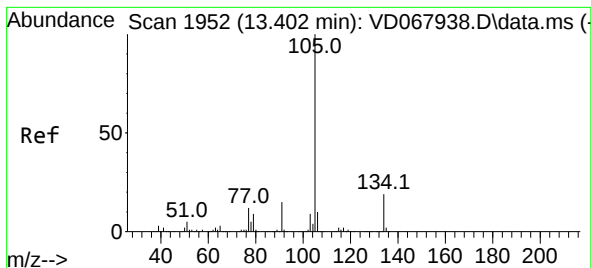
Tgt Ion:119 Resp: 219999
Ion Ratio Lower Upper
119 100
91 67.8 32.7 98.1
134 25.6 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 22.11 ug/l
RT: 13.273 min Scan# 1930
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:105 Resp: 282150
Ion Ratio Lower Upper
105 100
120 45.3 22.7 68.0

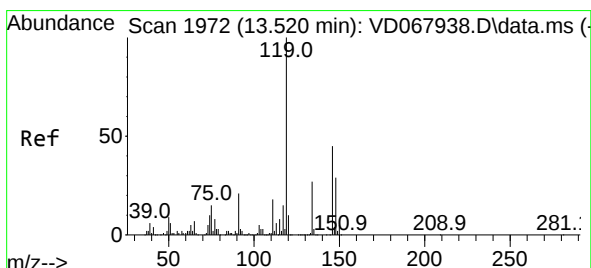
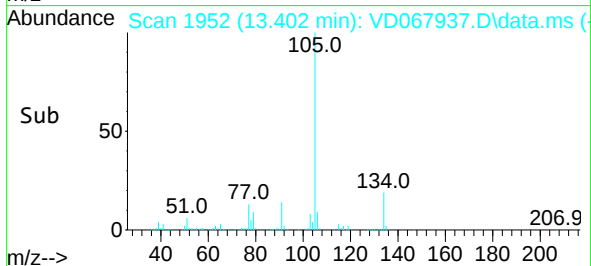
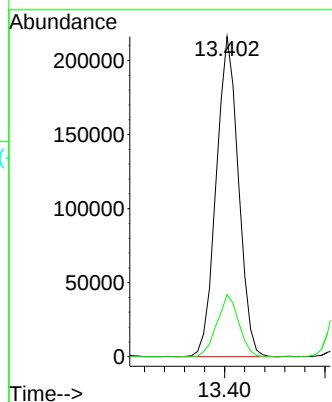
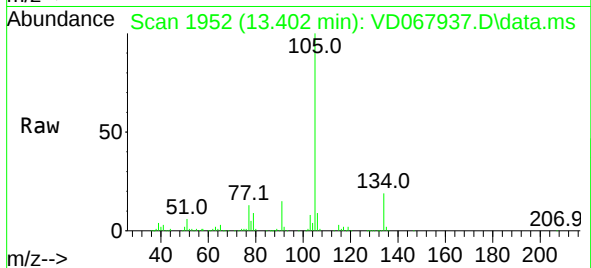




#85
 sec-Butylbenzene
 Concen: 22.61 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

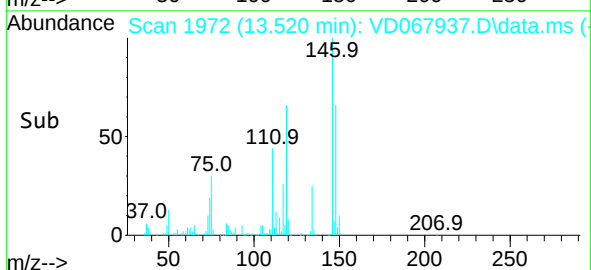
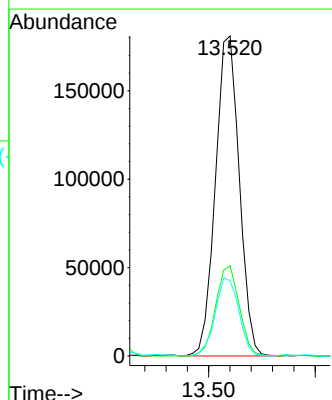
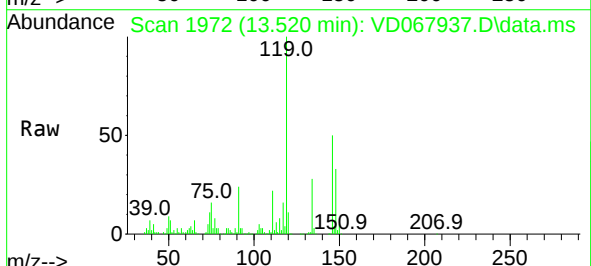
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

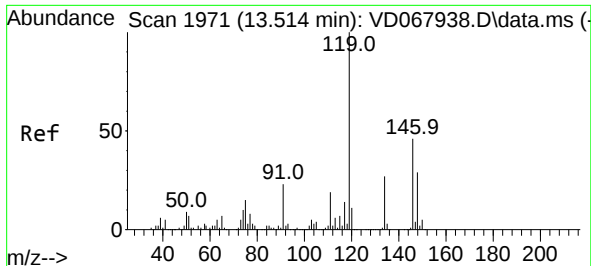
Tgt Ion:105 Resp: 332618
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.85 ug/l
 RT: 13.520 min Scan# 1972
 Delta R.T. 0.000 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

Tgt Ion:119 Resp: 281207
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.3 39.9
 91 24.3 11.4 34.2

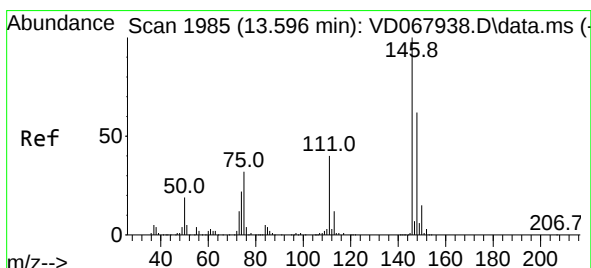
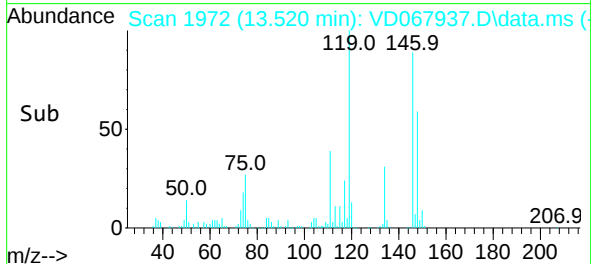
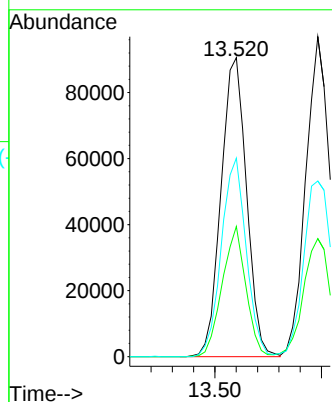
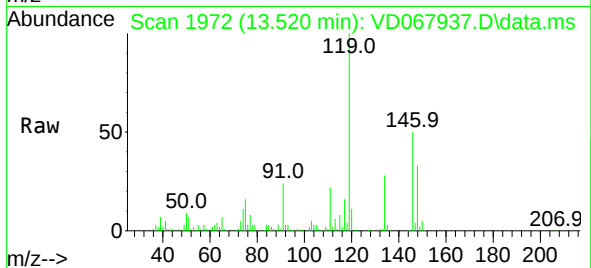




#87
1,3-Dichlorobenzene
Concen: 21.20 ug/l
RT: 13.520 min Scan# 1972
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

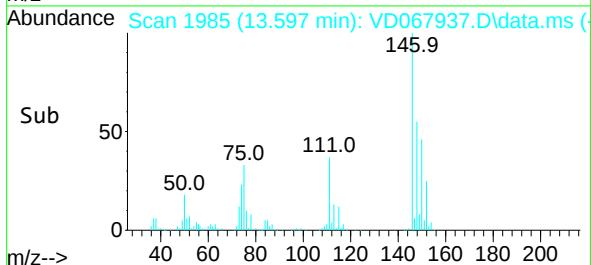
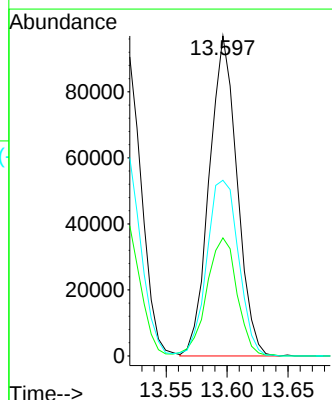
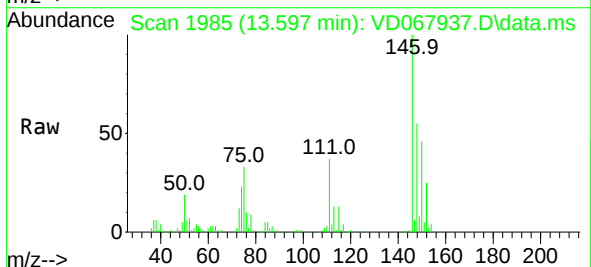
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

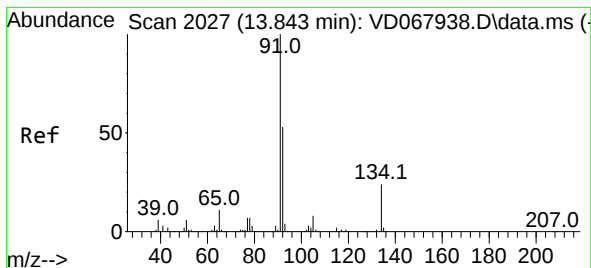
Tgt Ion:146 Resp: 150758
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.9
148 64.8 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 21.76 ug/l
RT: 13.597 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:146 Resp: 154565
Ion Ratio Lower Upper
146 100
111 40.2 19.4 58.2
148 62.6 31.9 95.9

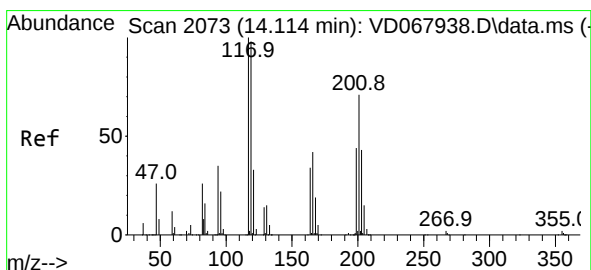
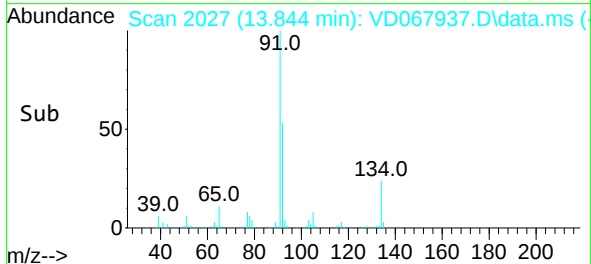
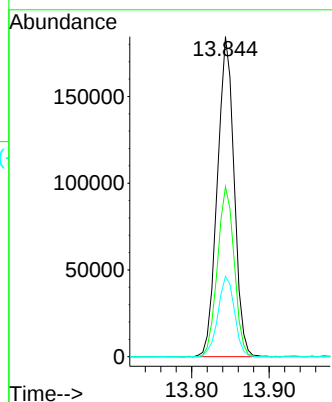
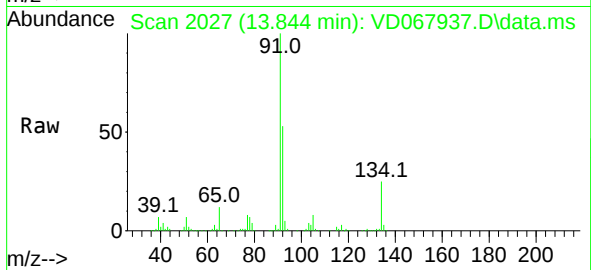




#89
n-Butylbenzene
Concen: 23.03 ug/l
RT: 13.844 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

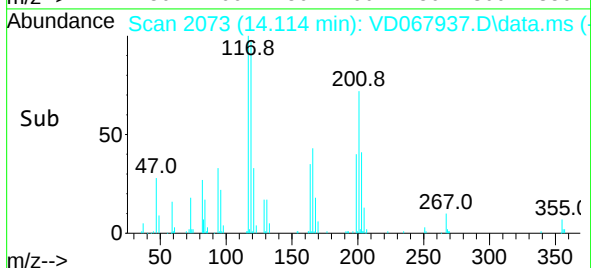
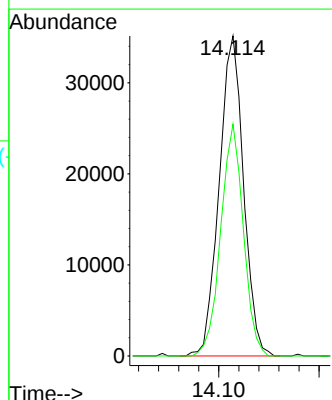
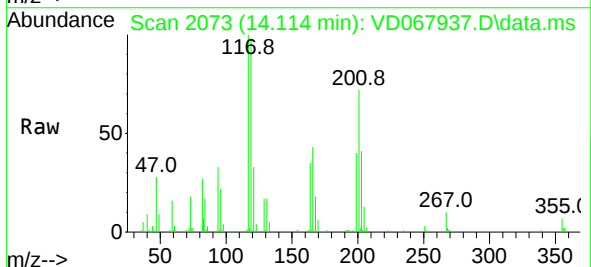
Instrument :
MSVOA_D
ClientSampleId :
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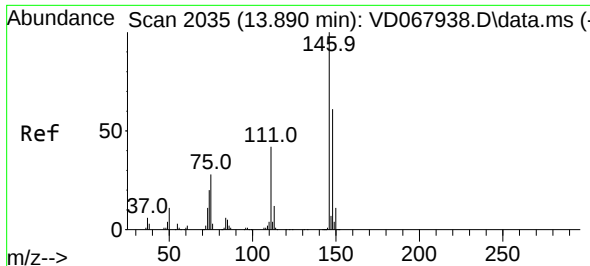
Tgt Ion: 91 Resp: 278347
Ion Ratio Lower Upper
91 100
92 52.9 26.8 80.3
134 24.9 12.3 36.9



#90
Hexachloroethane
Concen: 22.18 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 117 Resp: 59173
Ion Ratio Lower Upper
117 100
201 67.2 34.3 102.8

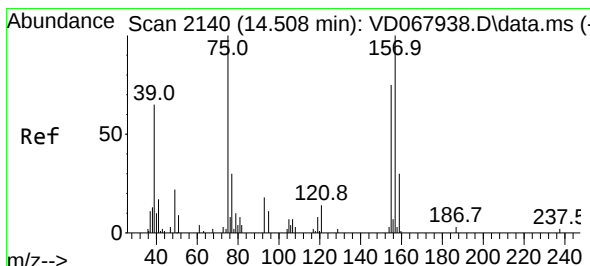
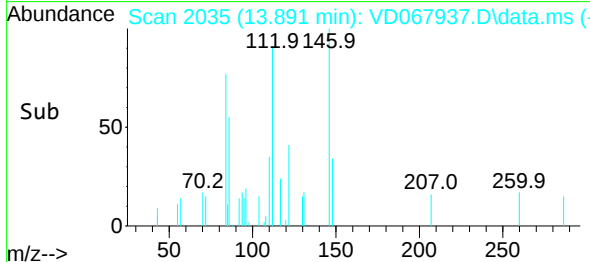
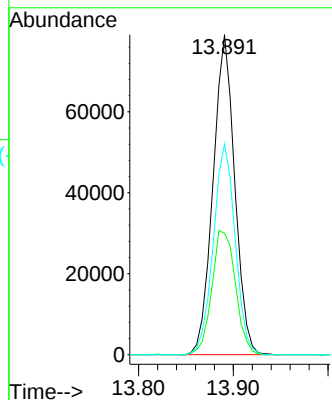
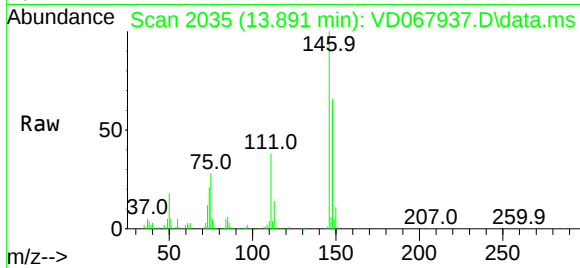




#91
1,2-Dichlorobenzene
Concen: 20.50 ug/l
RT: 13.891 min Scan# 2035
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

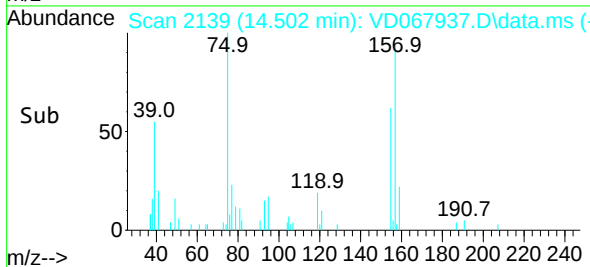
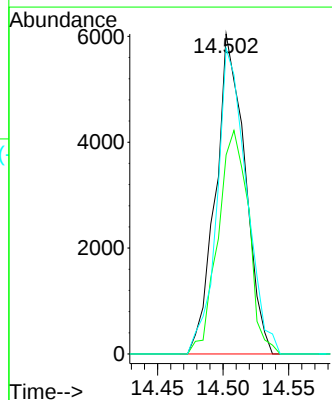
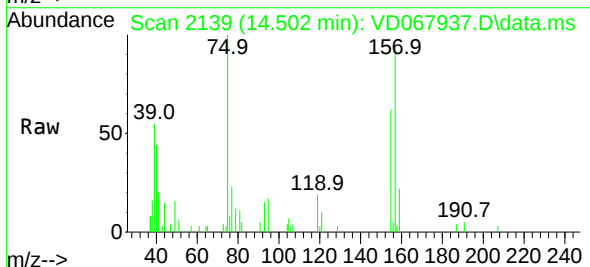
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

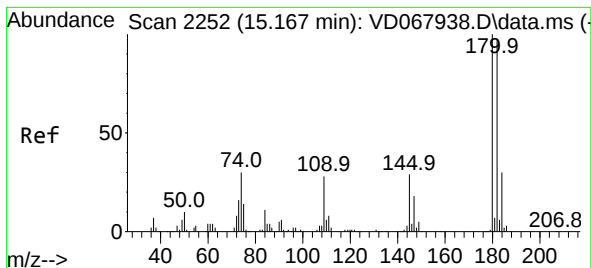
Tgt Ion:146 Resp: 125691
Ion Ratio Lower Upper
146 100
111 42.2 20.8 62.5
148 66.4 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.16 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 75 Resp: 9426
Ion Ratio Lower Upper
75 100
155 72.6 39.8 119.3
157 95.9 50.6 151.9

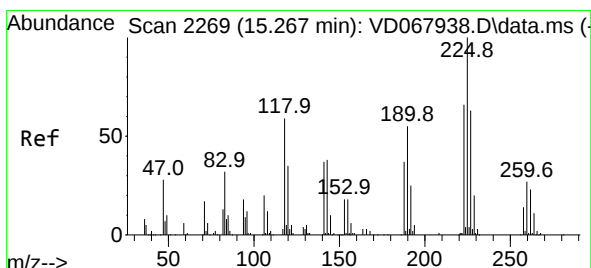
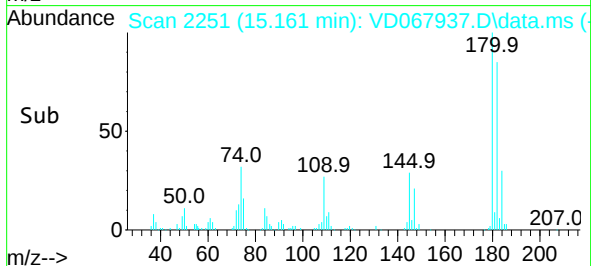
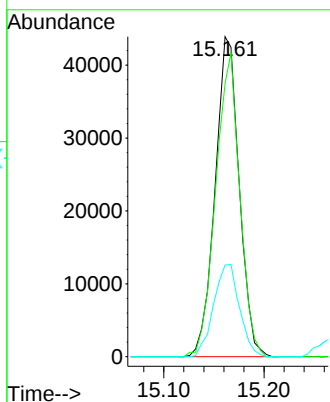
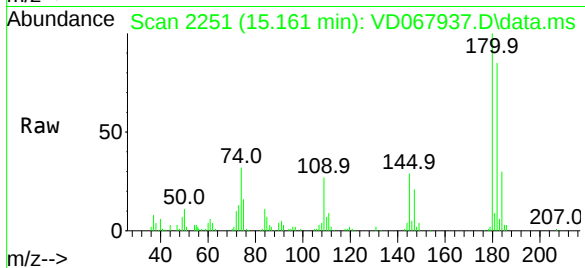




#93
1,2,4-Trichlorobenzene
Concen: 17.59 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

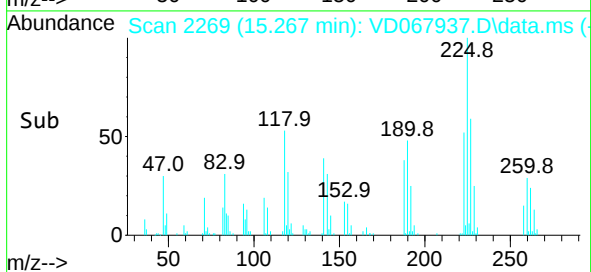
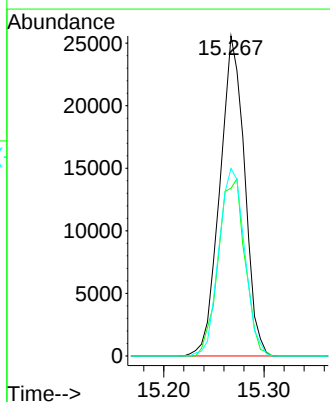
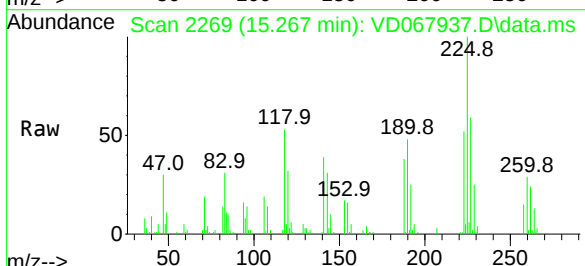
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

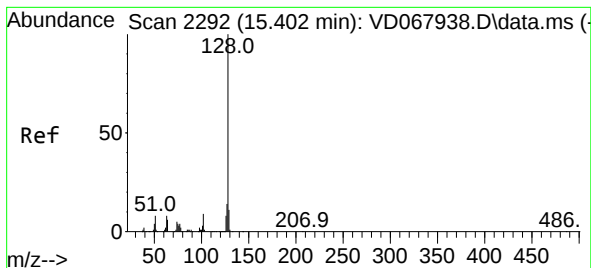
Tgt Ion:180 Resp: 73039
Ion Ratio Lower Upper
180 100
182 94.9 48.0 144.2
145 30.9 15.8 47.3



#94
Hexachlorobutadiene
Concen: 16.38 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:225 Resp: 43685
Ion Ratio Lower Upper
225 100
223 59.5 33.4 100.2
227 61.1 31.7 95.1

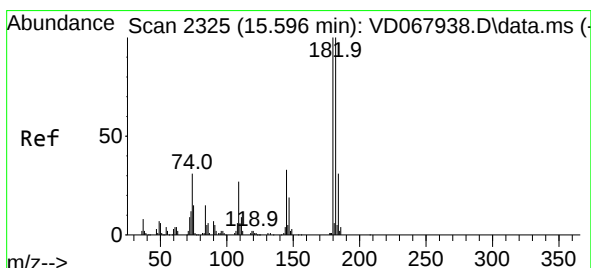
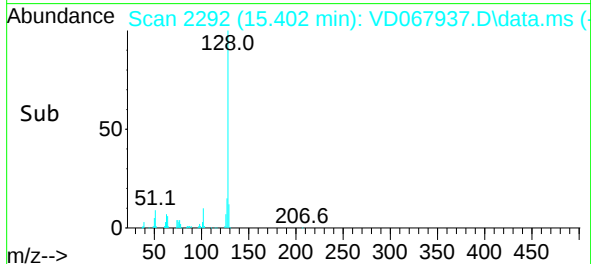
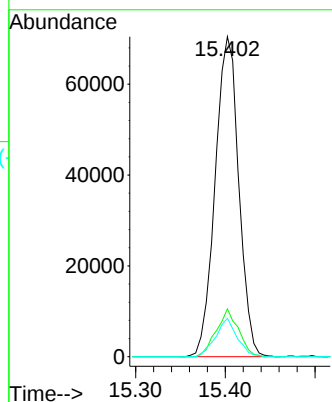
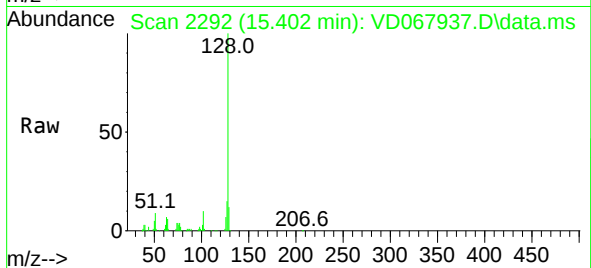




#95
Naphthalene
Concen: 18.86 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 128798
Ion Ratio Lower Upper
128 100
127 14.1 11.2 16.8
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.21 ug/l
RT: 15.596 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:180 Resp: 65146
Ion Ratio Lower Upper
180 100
182 94.7 50.2 150.6
145 33.5 17.0 51.0

