

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051723\
 Data File : VD076119.D
 Acq On : 17 May 2023 12:24
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 18 05:13:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	225814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	379731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	356262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	186551	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100743	46.161	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.320%
35) Dibromofluoromethane	7.804	113	117429	44.739	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.480%
50) Toluene-d8	10.269	98	474795	46.403	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.800%
62) 4-Bromofluorobenzene	12.575	95	131311	46.199	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	95728	47.004	ug/l	96
3) Chloromethane	2.146	50	181047	54.532	ug/l	100
4) Vinyl Chloride	2.281	62	229819	52.324	ug/l	99
5) Bromomethane	2.687	94	143086	48.388	ug/l	96
6) Chloroethane	2.834	64	149891	50.725	ug/l	93
7) Trichlorofluoromethane	3.169	101	175275	47.081	ug/l	97
8) Diethyl Ether	3.593	74	60150	49.131	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.963	101	116913	47.676	ug/l	93
10) Methyl Iodide	4.158	142	131121	51.426	ug/l #	89
11) Tert butyl alcohol	5.057	59	29301	253.805	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	115968	47.516	ug/l	88
13) Acrolein	3.793	56	69138	244.695	ug/l	97
14) Allyl chloride	4.558	41	119088	48.079	ug/l #	80
15) Acrylonitrile	5.252	53	128517	253.528	ug/l	97
16) Acetone	4.022	43	127018	292.518	ug/l #	78
17) Carbon Disulfide	4.269	76	332779	50.400	ug/l	100
18) Methyl Acetate	4.558	43	80499	51.970	ug/l #	78
19) Methyl tert-butyl Ether	5.316	73	250490	52.438	ug/l	98
20) Methylene Chloride	4.799	84	153295	43.211	ug/l #	79
21) trans-1,2-Dichloroethene	5.310	96	134680	47.881	ug/l #	80
22) Diisopropyl ether	6.210	45	302320	52.584	ug/l #	91
23) Vinyl Acetate	6.152	43	718284	317.744	ug/l #	89
24) 1,1-Dichloroethane	6.104	63	221738	48.904	ug/l	98
25) 2-Butanone	7.081	43	150142	274.997	ug/l #	78
26) 2,2-Dichloropropane	7.075	77	181655	49.133	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	157449	50.442	ug/l	83
28) Bromochloromethane	7.422	49	73079	48.337	ug/l #	66
29) Tetrahydrofuran	7.446	42	86265	271.079	ug/l #	66
30) Chloroform	7.593	83	237373	48.955	ug/l	95
31) Cyclohexane	7.875	56	158302	47.361	ug/l #	83
32) 1,1,1-Trichloroethane	7.793	97	185588	48.028	ug/l	97
36) 1,1-Dichloropropene	8.004	75	167238	47.177	ug/l	95
37) Ethyl Acetate	7.169	43	64015	52.150	ug/l #	83
38) Carbon Tetrachloride	7.987	117	148632	46.419	ug/l	96
39) Methylcyclohexane	9.275	83	192338	47.127	ug/l	95
40) Benzene	8.251	78	539620	47.348	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	28983	43.060	ug/l #	64
42) 1,2-Dichloroethane	8.322	62	127387	47.256	ug/l	93
43) Isopropyl Acetate	8.357	43	109025	47.546	ug/l #	82
44) Trichloroethene	9.028	130	141970	44.201	ug/l	94
45) 1,2-Dichloropropane	9.304	63	132086	46.986	ug/l	95
46) Dibromomethane	9.393	93	75778	48.091	ug/l	96
47) Bromodichloromethane	9.581	83	176898	46.711	ug/l	96
48) Methyl methacrylate	9.381	41	51984	51.222	ug/l #	64
49) 1,4-Dioxane	9.381	88	16947	1005.745	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	312712	256.415	ug/l #	82
52) Toluene	10.334	92	345222	48.499	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	166201	48.694	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	205574	49.353	ug/l #	73
55) 1,1,2-Trichloroethane	10.734	97	110706	48.993	ug/l	92
56) Ethyl methacrylate	10.598	69	119018	52.402	ug/l #	69
57) 1,3-Dichloropropane	10.881	76	170354	48.053	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	269844	247.618	ug/l	92
59) 2-Hexanone	10.922	43	239496	278.463	ug/l	76
60) Dibromochloromethane	11.075	129	123577	48.638	ug/l	99
61) 1,2-Dibromoethane	11.181	107	100098	49.798	ug/l	99
64) Tetrachloroethene	10.810	164	116249	42.434	ug/l	93
65) Chlorobenzene	11.604	112	377273	46.516	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	128802	46.147	ug/l	94
67) Ethyl Benzene	11.687	91	623933	48.143	ug/l	94
68) m/p-Xylenes	11.792	106	525313	99.176	ug/l	90
69) o-Xylene	12.122	106	241970	50.065	ug/l	90
70) Styrene	12.134	104	422647	50.438	ug/l	93
71) Bromoform	12.298	173	71160	45.325	ug/l #	97
73) Isopropylbenzene	12.422	105	595208	48.232	ug/l	99
74) N-amyl acetate	12.234	43	104480	47.532	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.675	83	124597	46.977	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	140216	85.891	ug/l #	100
77) Bromobenzene	12.704	156	146734	44.362	ug/l	93
78) n-propylbenzene	12.763	91	737356	48.003	ug/l	97
79) 2-Chlorotoluene	12.851	91	403552	47.469	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	503651	49.232	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	37345	47.991	ug/l #	73
82) 4-Chlorotoluene	12.945	91	423091	46.789	ug/l	92
83) tert-Butylbenzene	13.169	119	413761	47.857	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	505050	49.572	ug/l	94
85) sec-Butylbenzene	13.345	105	657027	48.762	ug/l	98
86) p-Isopropyltoluene	13.463	119	544498	49.387	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	311546	46.586	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	309561	46.748	ug/l	97
89) n-Butylbenzene	13.792	91	502017	48.318	ug/l	99
90) Hexachloroethane	14.057	117	102050	44.999	ug/l	96
91) 1,2-Dichlorobenzene	13.833	146	274513	46.775	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	15803	45.888	ug/l	81
93) 1,2,4-Trichlorobenzene	15.104	180	152470	44.663	ug/l	96
94) Hexachlorobutadiene	15.204	225	71973	41.350	ug/l	97
95) Naphthalene	15.333	128	307454	48.471	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	134247	43.240	ug/l	99

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QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

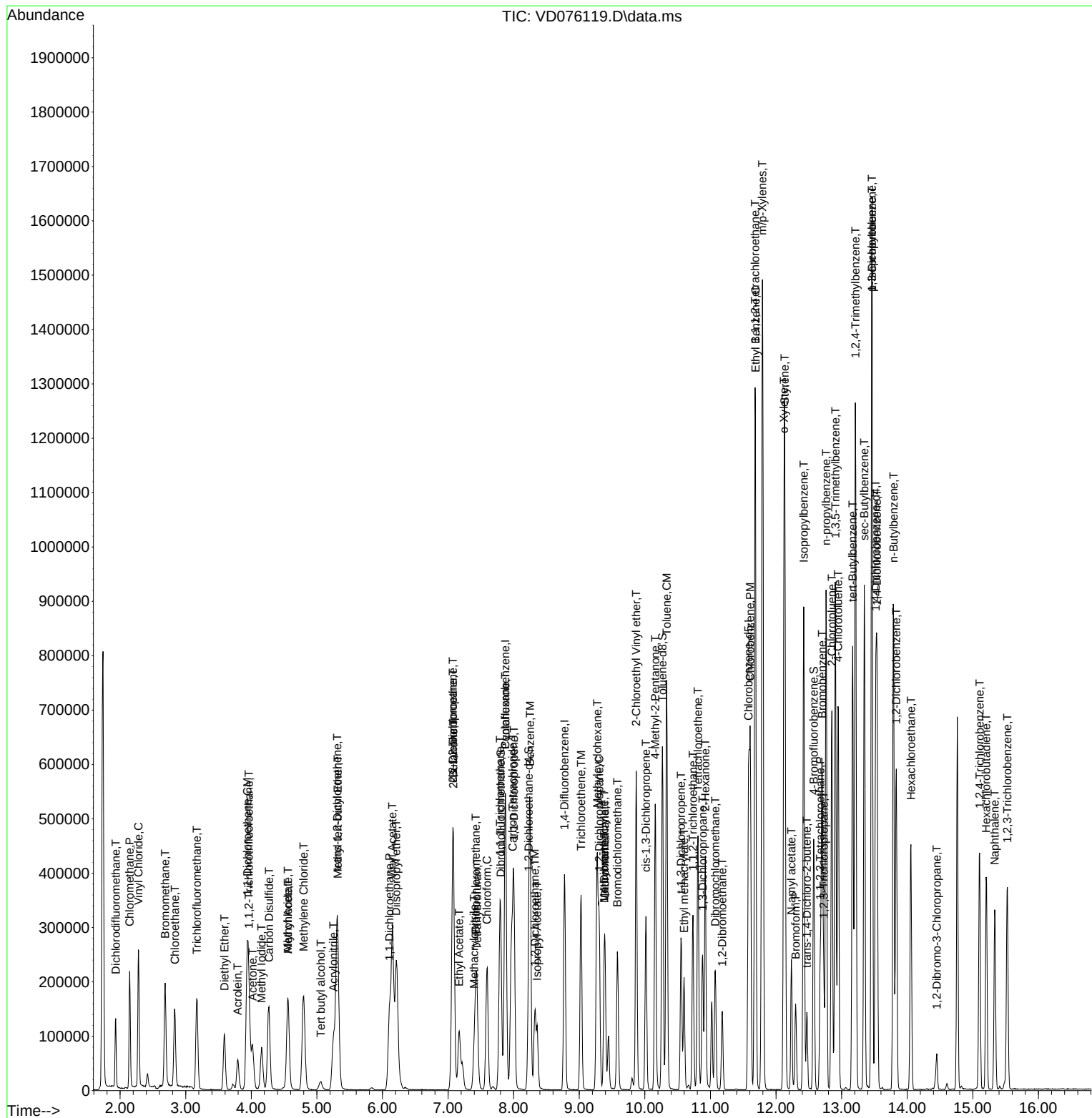
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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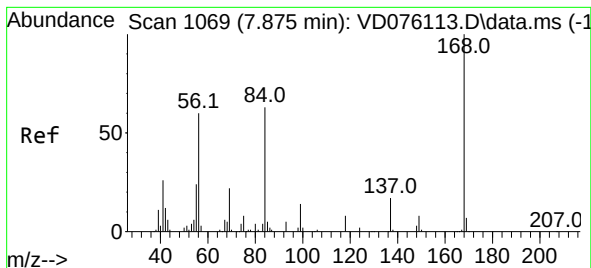
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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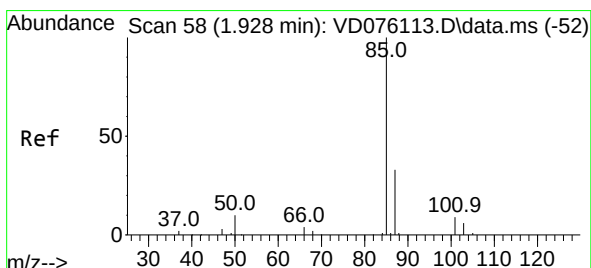
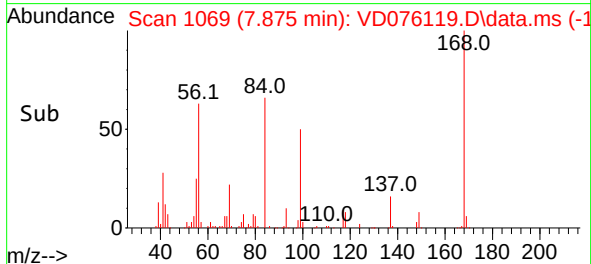
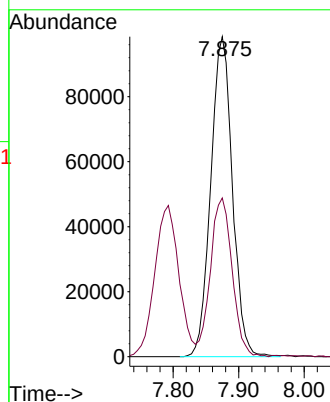
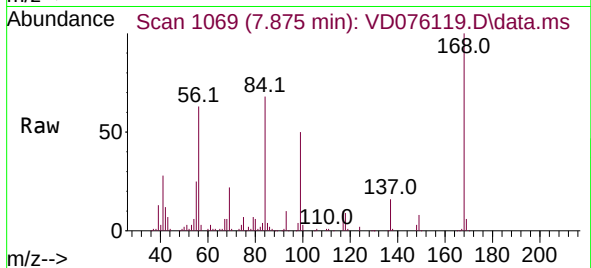




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076119.D
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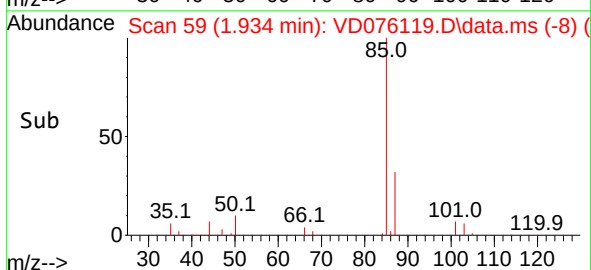
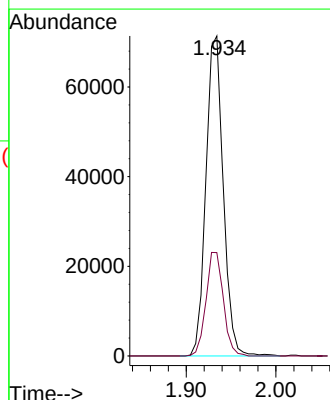
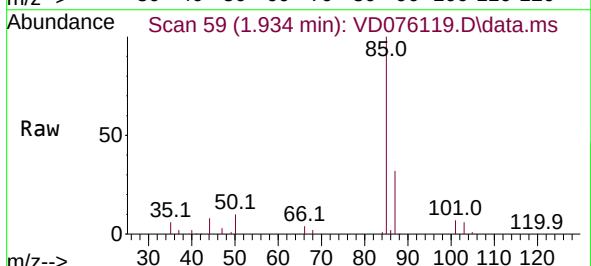
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

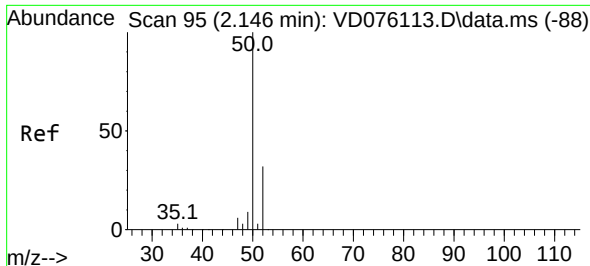
Tgt Ion:168 Resp: 225814
Ion Ratio Lower Upper
168 100
99 49.3 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 47.004 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion: 85 Resp: 95728
Ion Ratio Lower Upper
85 100
87 32.3 17.3 51.7

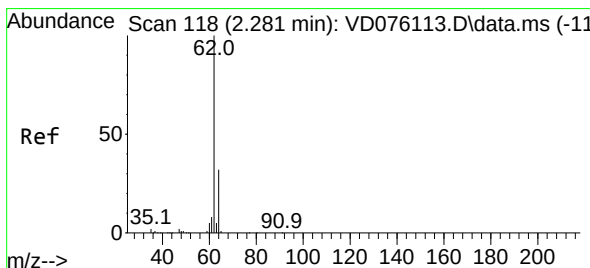
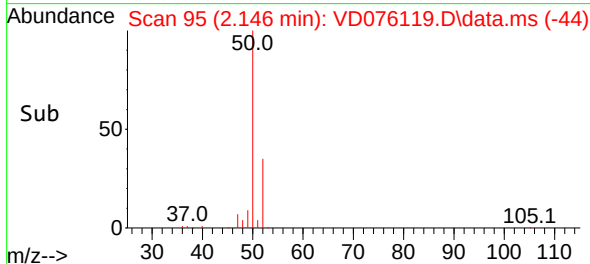
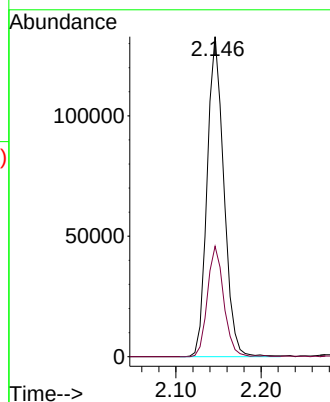
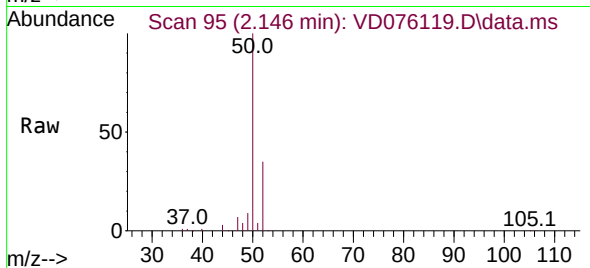




#3
Chloromethane
Concen: 54.532 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

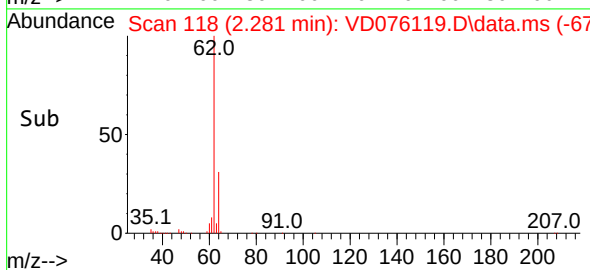
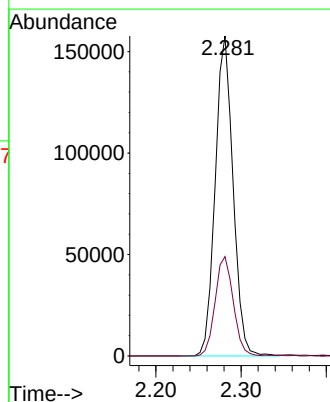
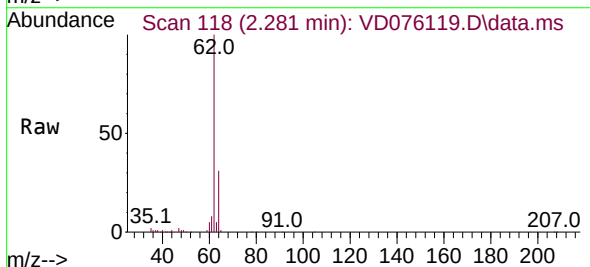
Instrument :
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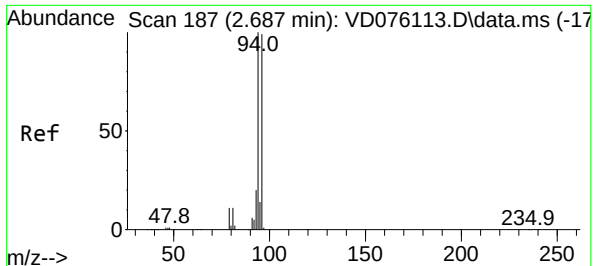
Tgt Ion: 50 Resp: 181047
Ion Ratio Lower Upper
50 100
52 34.5 27.8 41.8



#4
Vinyl Chloride
Concen: 52.324 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion: 62 Resp: 229819
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.0

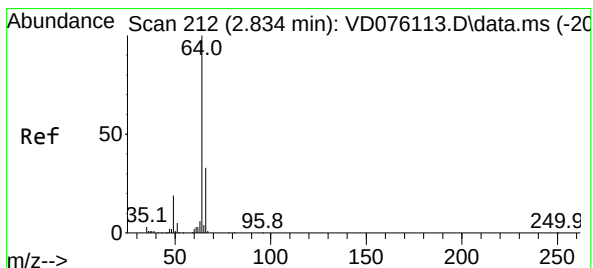
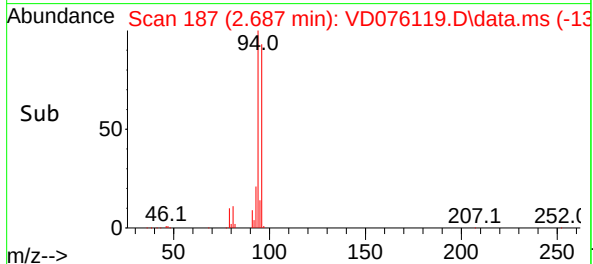
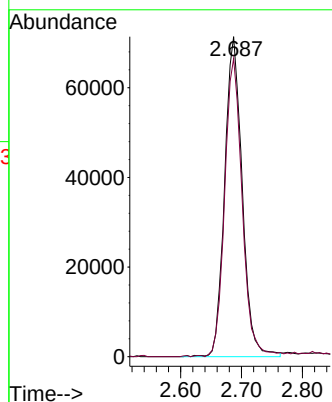
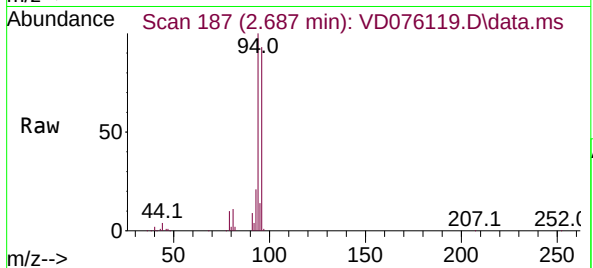




#5
Bromomethane
Concen: 48.388 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD076119.D
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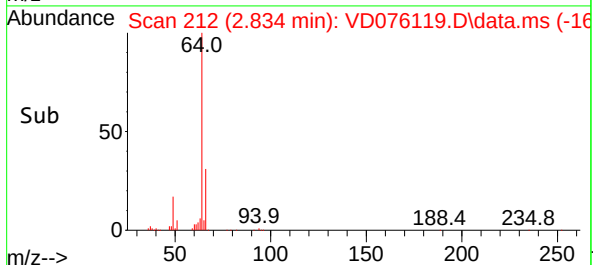
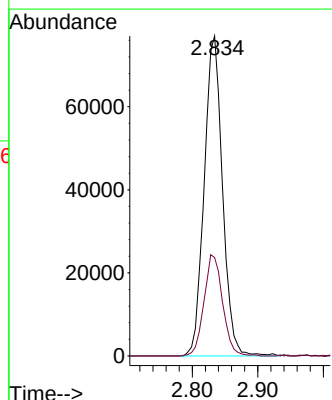
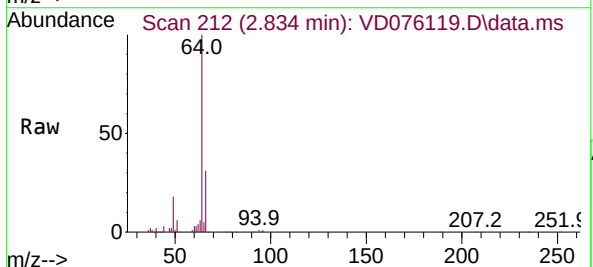
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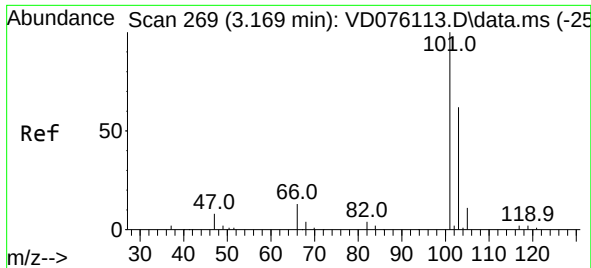
Tgt Ion: 94 Resp: 143086
Ion Ratio Lower Upper
94 100
96 93.0 77.5 116.3



#6
Chloroethane
Concen: 50.725 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion: 64 Resp: 149891
Ion Ratio Lower Upper
64 100
66 30.8 27.7 41.5

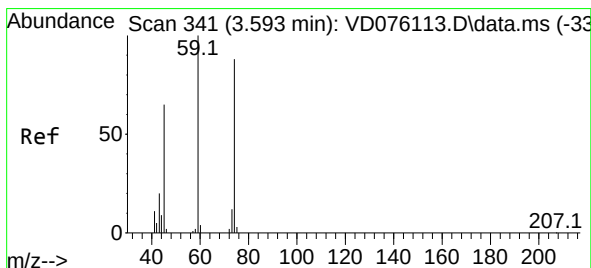
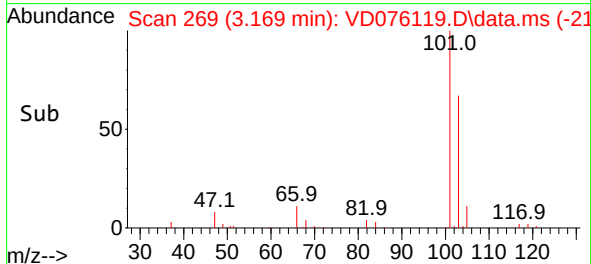
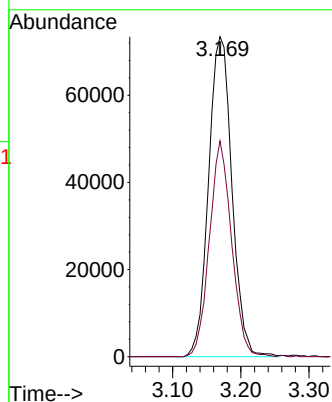
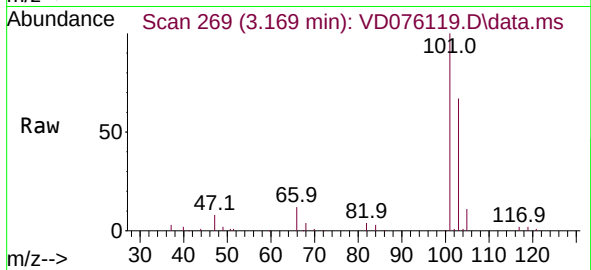




#7
Trichlorofluoromethane
Concen: 47.081 ug/l
RT: 3.169 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

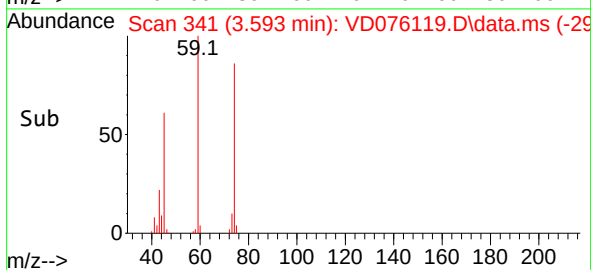
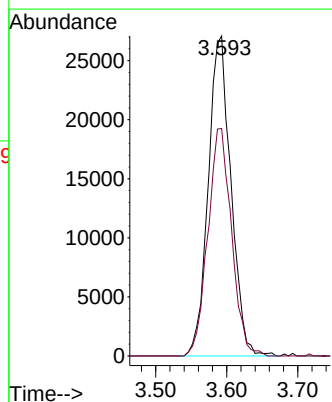
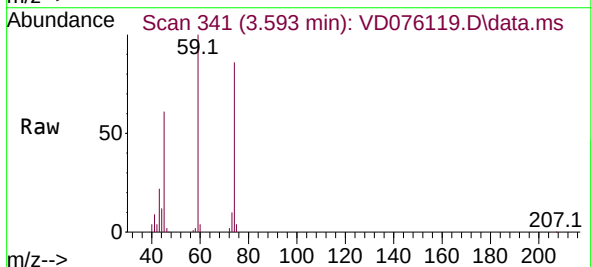
Instrument :
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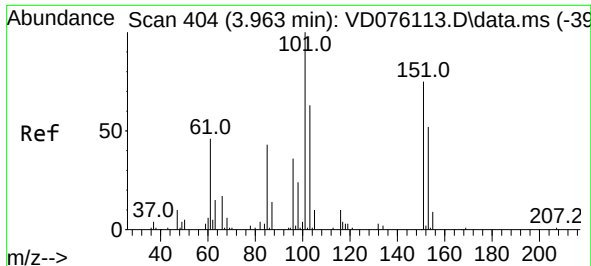
Tgt Ion:101 Resp: 175275
Ion Ratio Lower Upper
101 100
103 67.4 51.9 77.9



#8
Diethyl Ether
Concen: 49.131 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion: 74 Resp: 60150
Ion Ratio Lower Upper
74 100
45 74.1 50.9 152.7

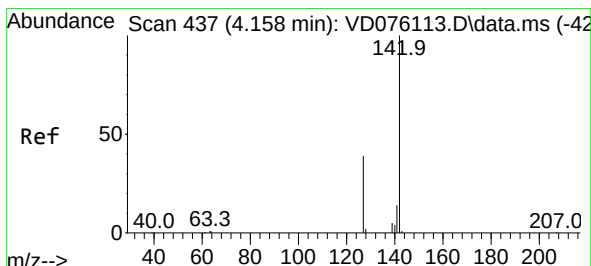
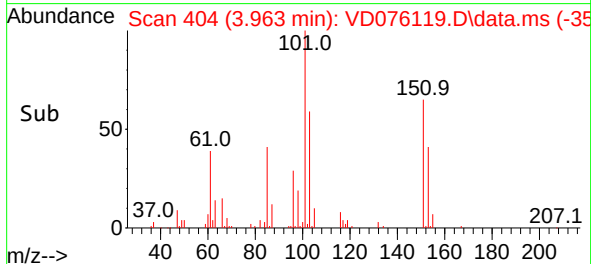
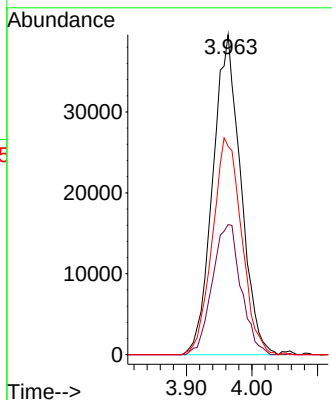
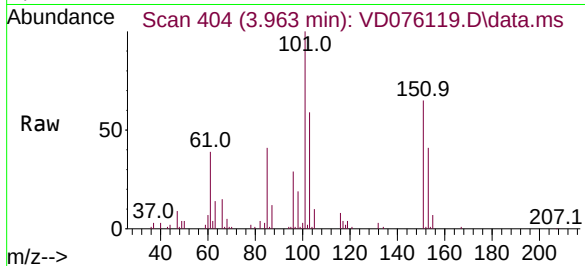




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.676 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

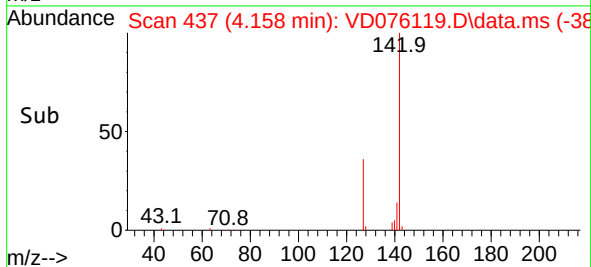
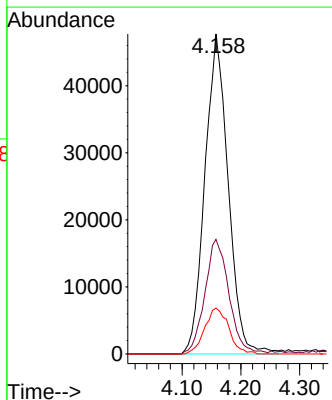
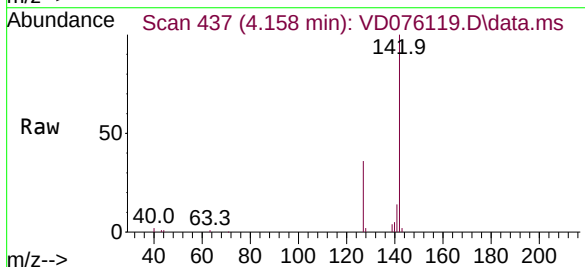
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

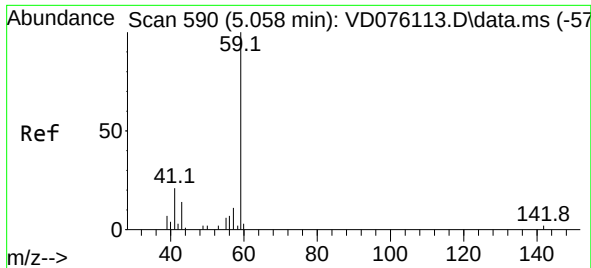
Tgt Ion:101 Resp: 116913
Ion Ratio Lower Upper
101 100
85 42.0 38.3 57.5
151 70.9 60.4 90.6



#10
Methyl Iodide
Concen: 51.426 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion:142 Resp: 131121
Ion Ratio Lower Upper
142 100
127 37.1 37.1 55.7#
141 14.8 11.3 16.9

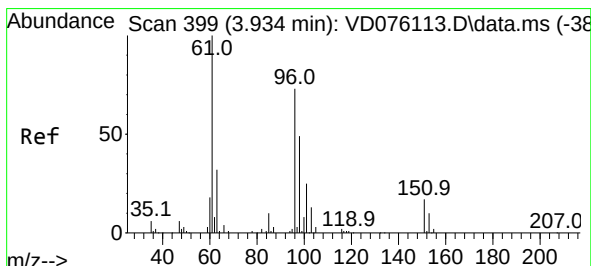
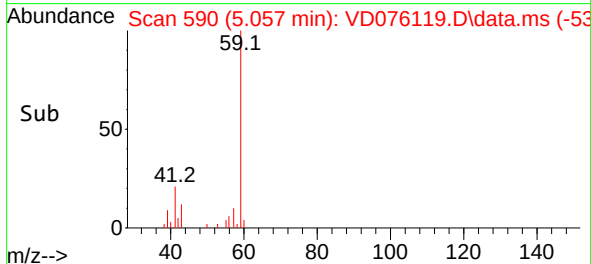
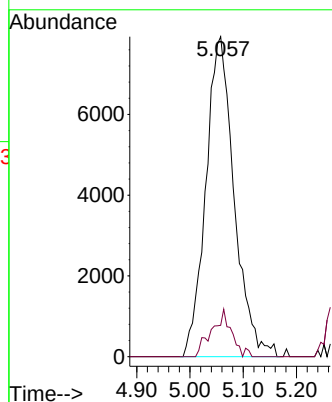
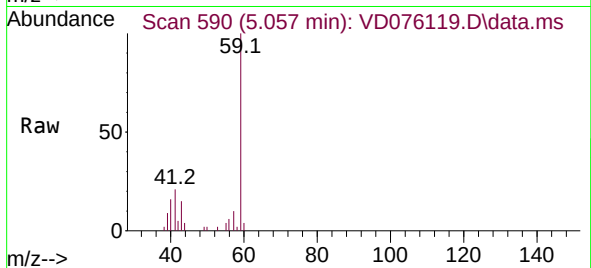




#11
Tert butyl alcohol
Concen: 253.805 ug/l
RT: 5.057 min Scan# 590
Delta R.T. 0.005 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

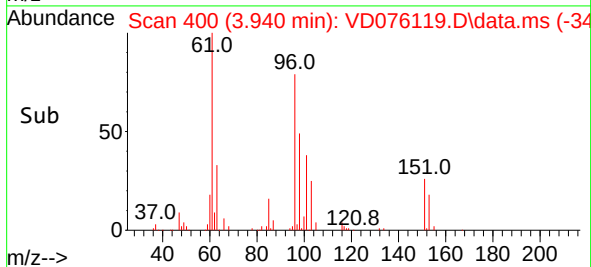
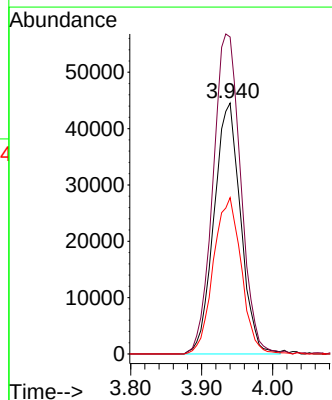
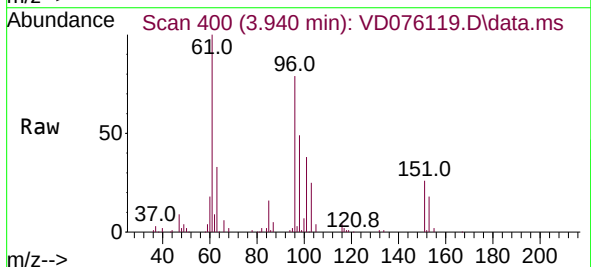
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

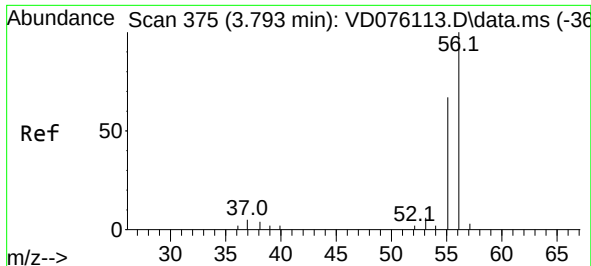
Tgt Ion: 59 Resp: 29301
Ion Ratio Lower Upper
59 100
57 9.9 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 47.516 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion: 96 Resp: 115968
Ion Ratio Lower Upper
96 100
61 126.4 118.6 177.8
98 62.3 49.7 74.5





#13

Acrolein

Concen: 244.695 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

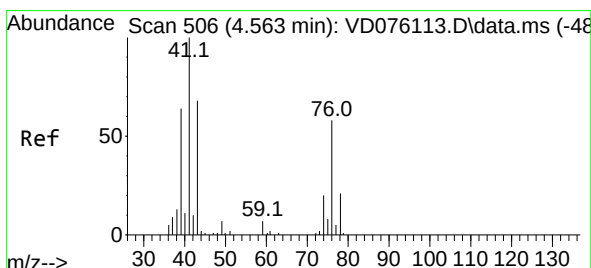
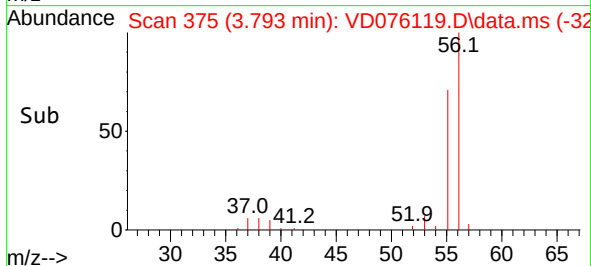
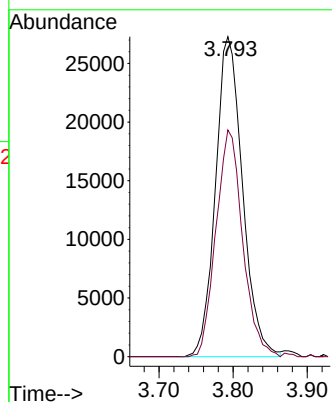
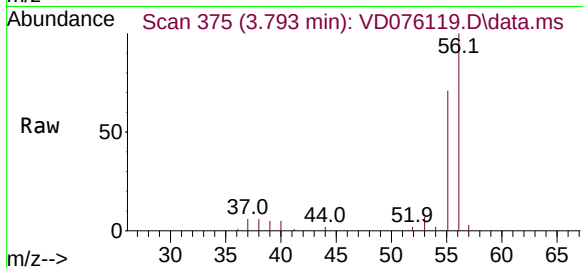
VSTDCCC050

Tgt Ion: 56 Resp: 69138

Ion Ratio Lower Upper

56 100

55 69.8 53.9 80.9



#14

Allyl chloride

Concen: 48.079 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

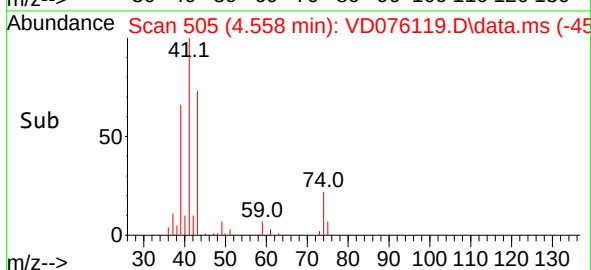
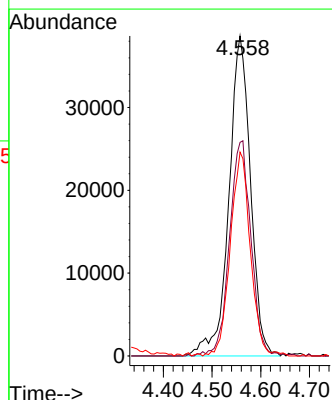
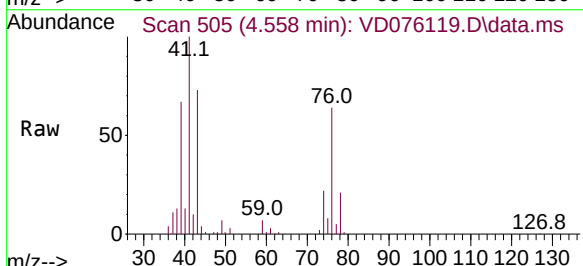
Tgt Ion: 41 Resp: 119088

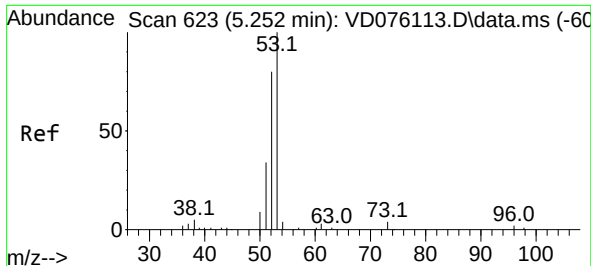
Ion Ratio Lower Upper

41 100

39 66.9 60.6 90.8

76 59.3 28.6 43.0#

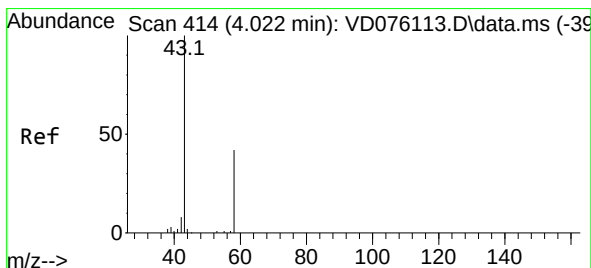
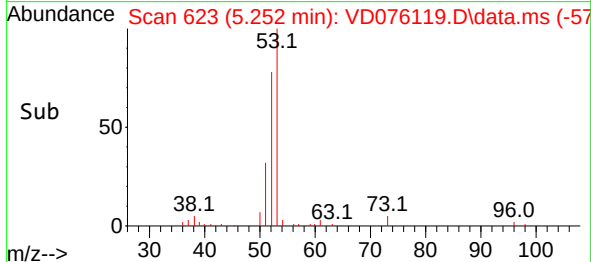
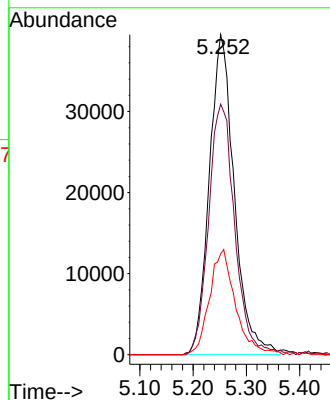
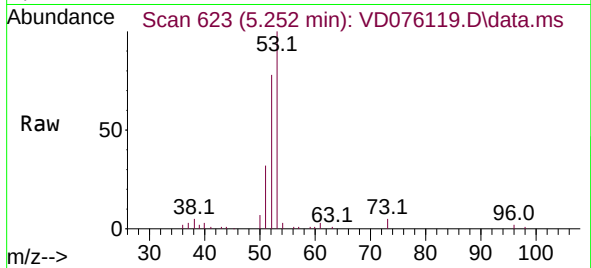




#15
Acrylonitrile
Concen: 253.528 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

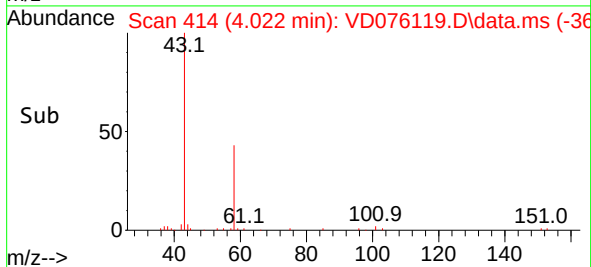
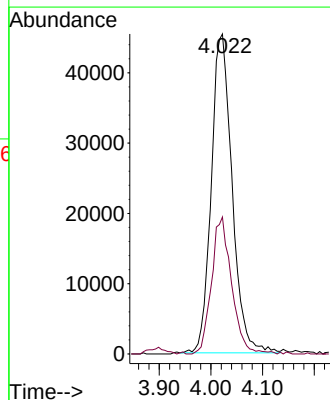
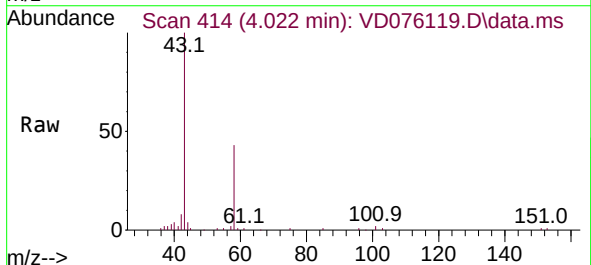
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

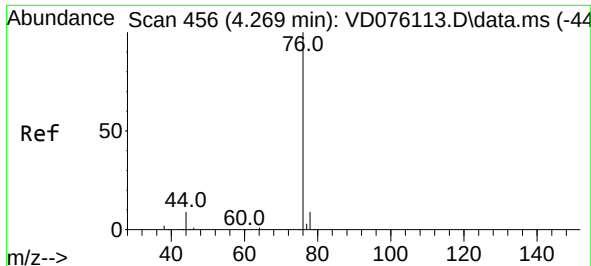
Tgt Ion: 53 Resp: 128517
Ion Ratio Lower Upper
53 100
52 82.2 66.2 99.4
51 34.2 30.7 46.1



#16
Acetone
Concen: 292.518 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion: 43 Resp: 127018
Ion Ratio Lower Upper
43 100
58 42.6 24.4 36.6#





#17

Carbon Disulfide

Concen: 50.400 ug/l

RT: 4.269 min Scan# 4

Delta R.T. 0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

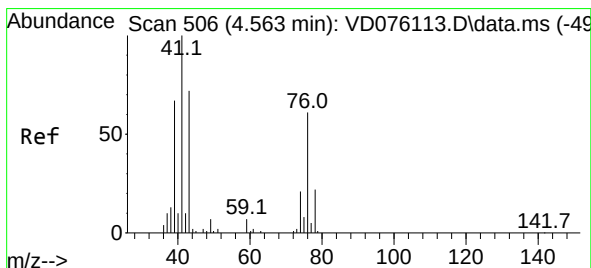
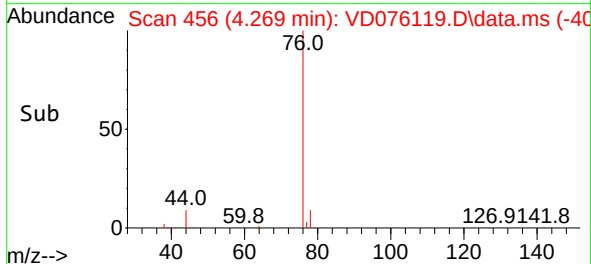
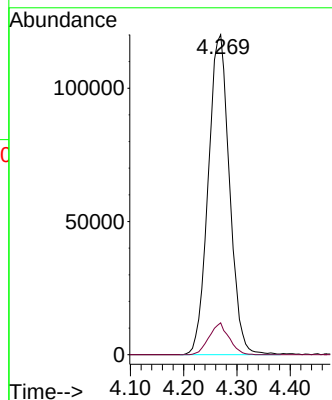
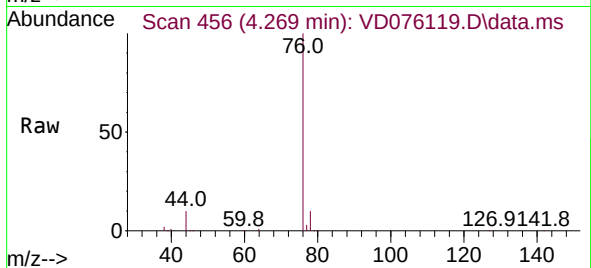
VSTDCCC050

Tgt Ion: 76 Resp: 332779

Ion Ratio Lower Upper

76 100

78 10.0 8.0 12.0



#18

Methyl Acetate

Concen: 51.970 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD076119.D

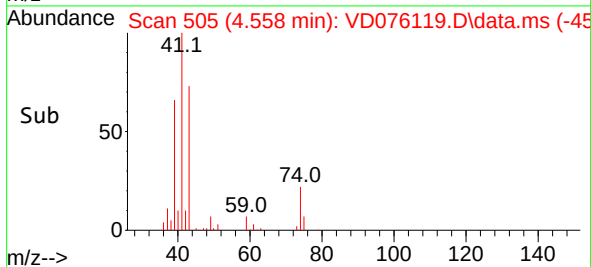
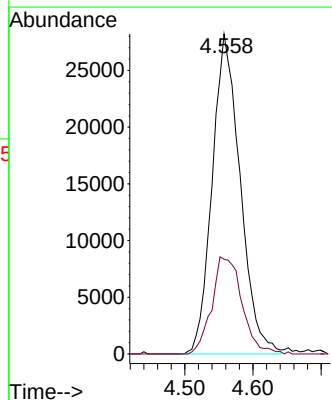
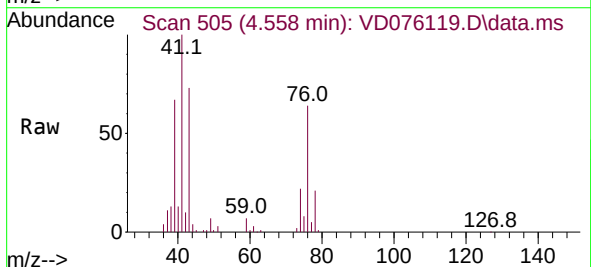
Acq: 17 May 2023 12:24

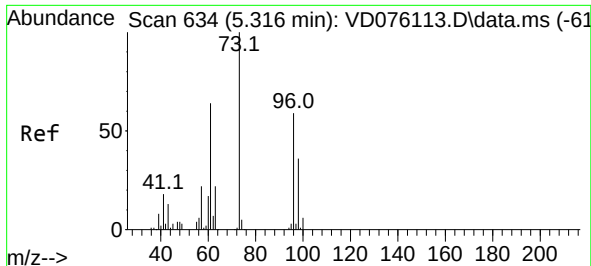
Tgt Ion: 43 Resp: 80499

Ion Ratio Lower Upper

43 100

74 32.7 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 52.438 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

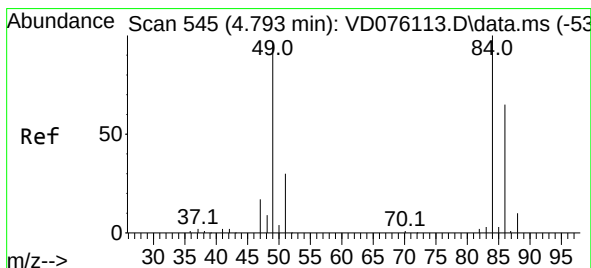
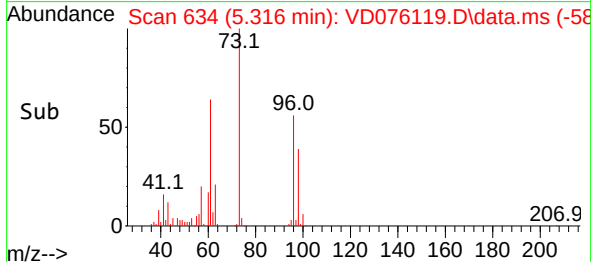
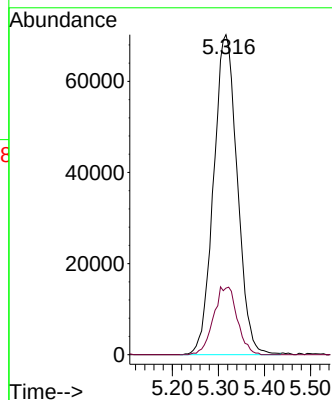
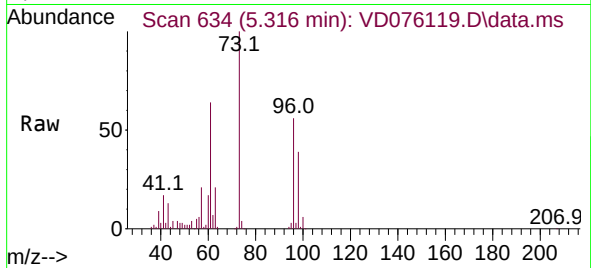
VSTDCCC050

Tgt Ion: 73 Resp: 250490

Ion Ratio Lower Upper

73 100

57 20.8 17.2 25.8



#20

Methylene Chloride

Concen: 43.211 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Tgt Ion: 84 Resp: 153295

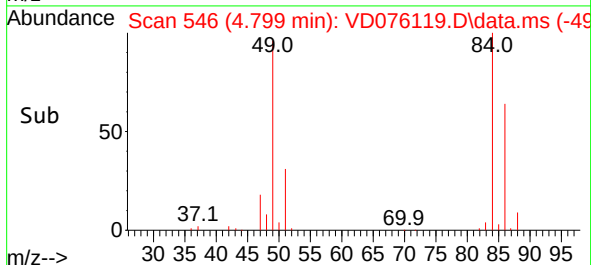
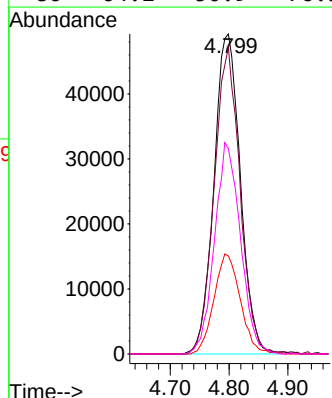
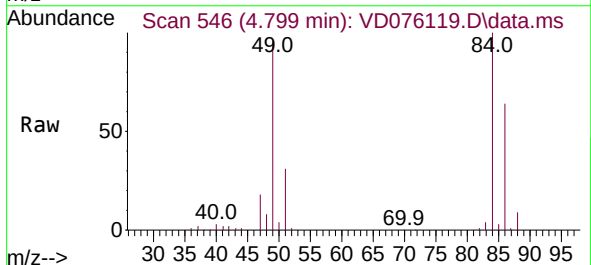
Ion Ratio Lower Upper

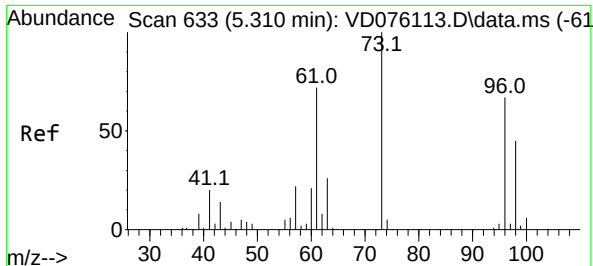
84 100

49 95.9 106.4 159.6#

51 30.6 32.4 48.6#

86 64.2 50.9 76.3

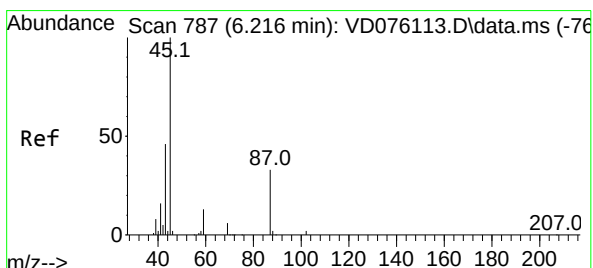
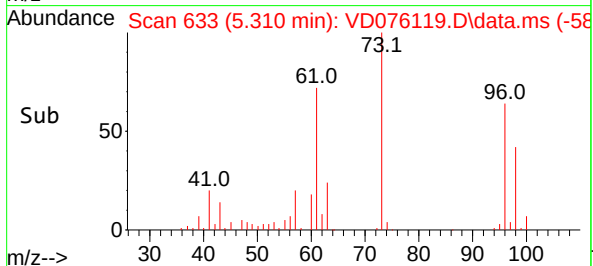
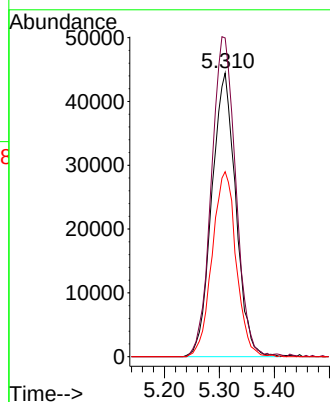
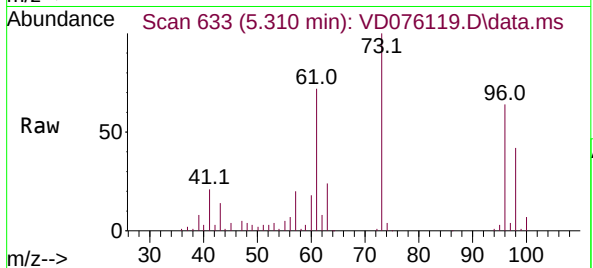




#21
trans-1,2-Dichloroethene
Concen: 47.881 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

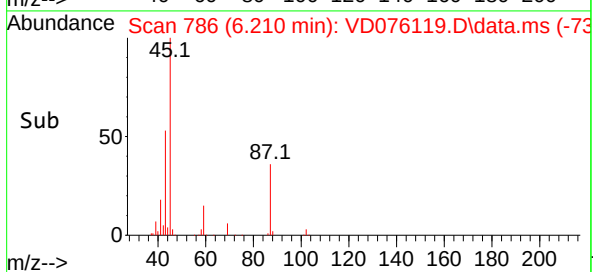
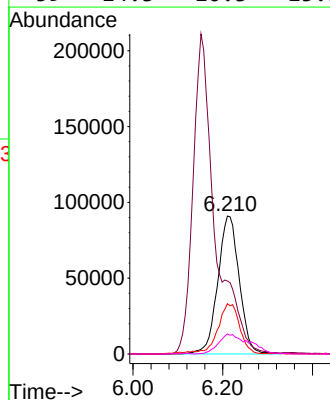
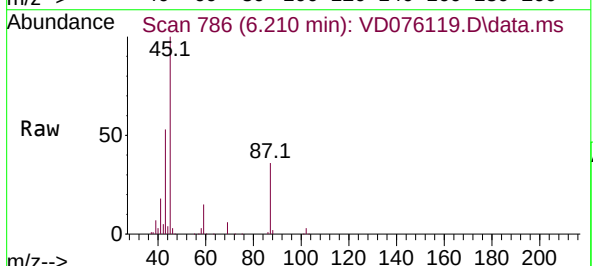
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

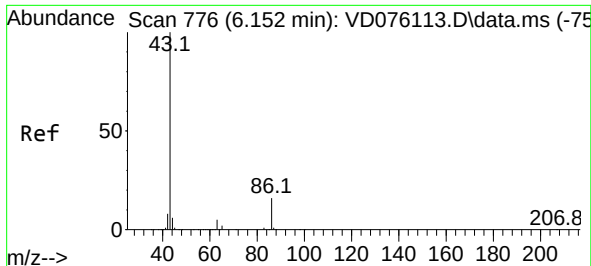
Tgt Ion: 96 Resp: 134680
Ion Ratio Lower Upper
96 100
61 112.4 117.2 175.8#
98 65.2 50.6 76.0



#22
Diisopropyl ether
Concen: 52.584 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion: 45 Resp: 302320
Ion Ratio Lower Upper
45 100
43 52.2 44.4 66.6
87 36.2 20.9 31.3#
59 14.3 10.3 15.5

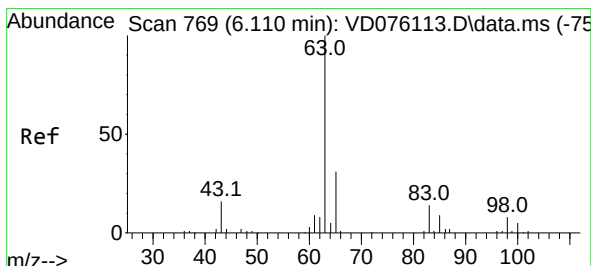
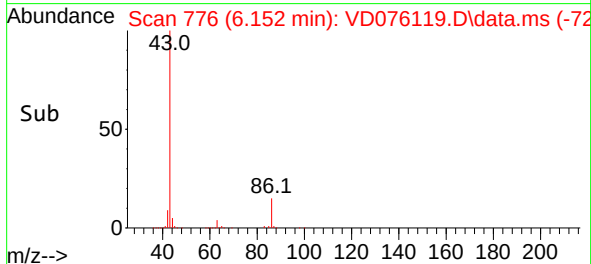
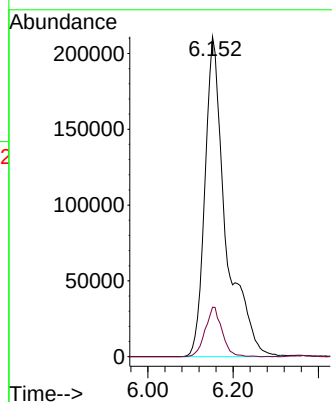
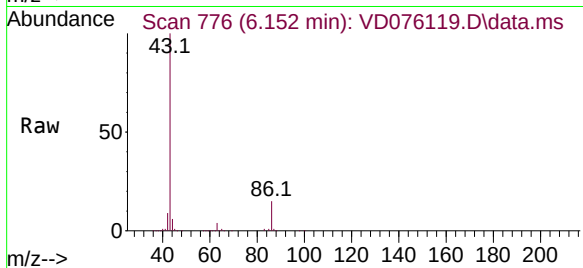




#23
 Vinyl Acetate
 Concen: 317.744 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076119.D
 Acq: 17 May 2023 12:24

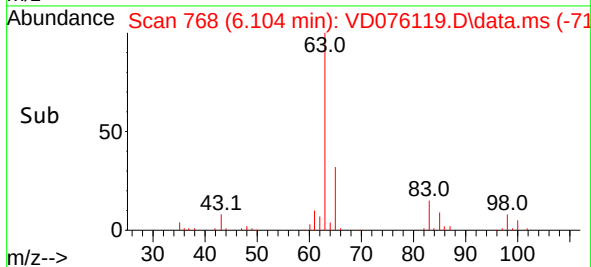
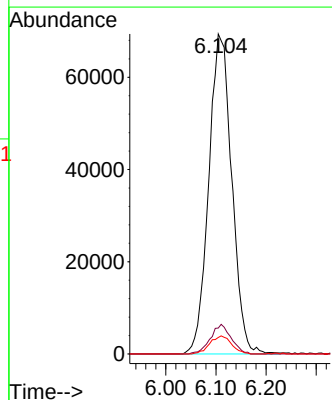
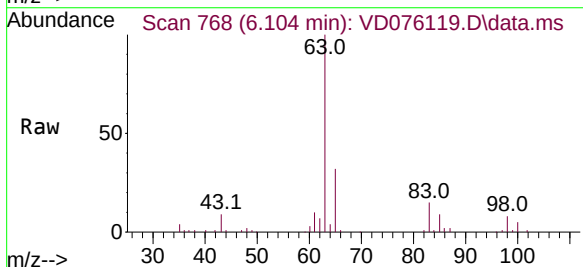
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

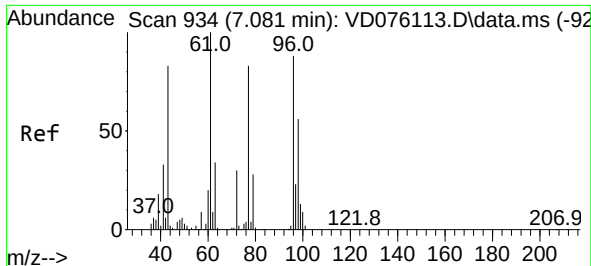
Tgt Ion: 43 Resp: 718284
 Ion Ratio Lower Upper
 43 100
 86 15.5 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 48.904 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD076119.D
 Acq: 17 May 2023 12:24

Tgt Ion: 63 Resp: 221738
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 5.2 2.0 6.0

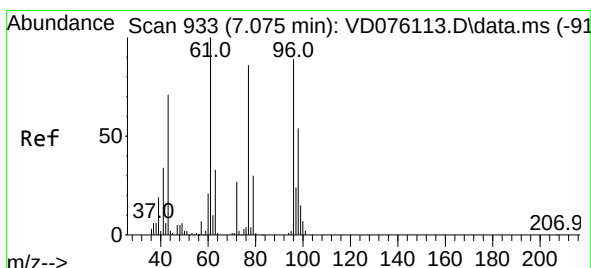
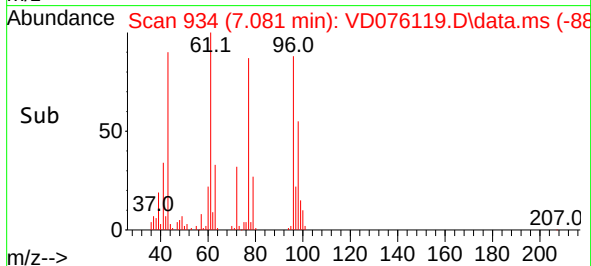
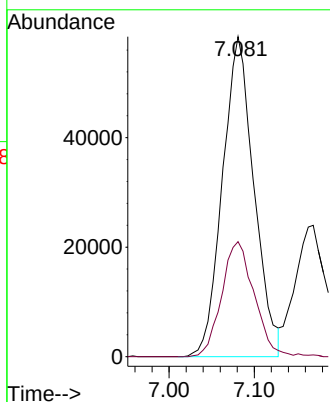
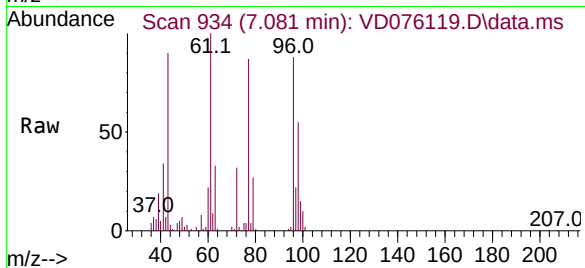




#25
2-Butanone
Concen: 274.997 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

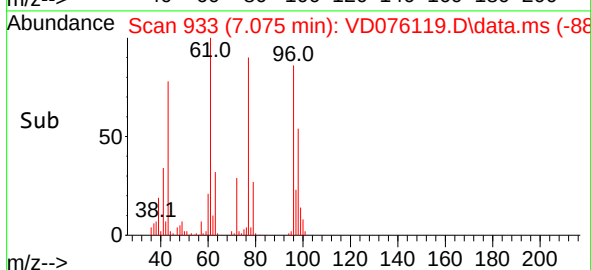
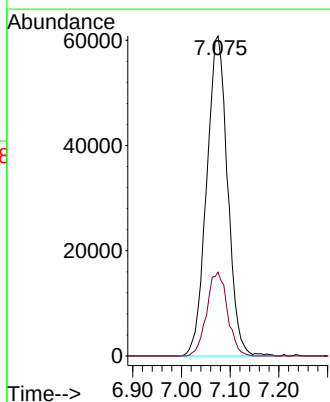
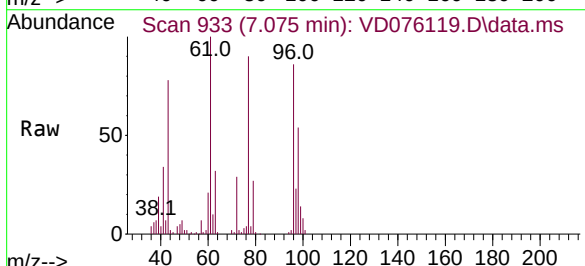
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

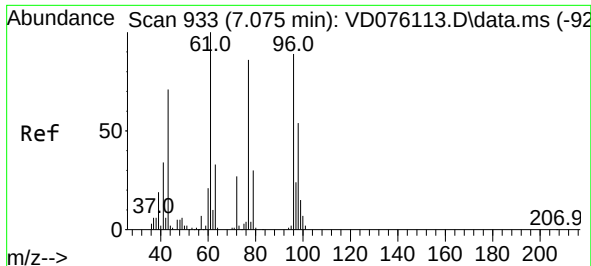
Tgt Ion: 43 Resp: 150142
Ion Ratio Lower Upper
43 100
72 35.9 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 49.133 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion: 77 Resp: 181655
Ion Ratio Lower Upper
77 100
97 25.8 11.1 33.1

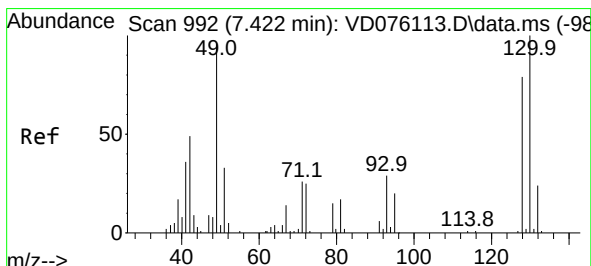
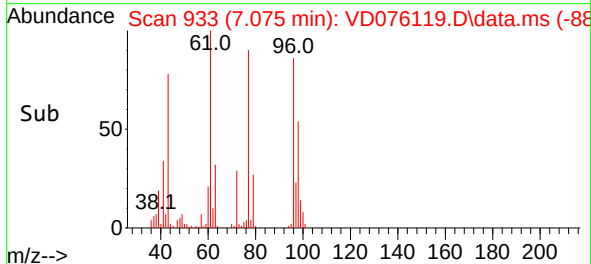
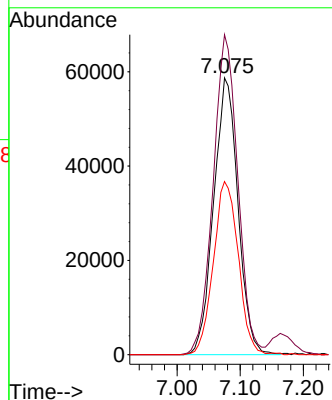
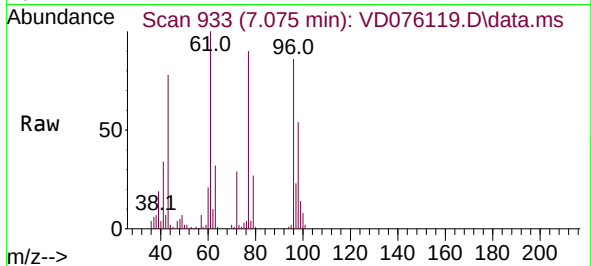




#27
 cis-1,2-Dichloroethene
 Concen: 50.442 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VD076119.D
 Acq: 17 May 2023 12:24

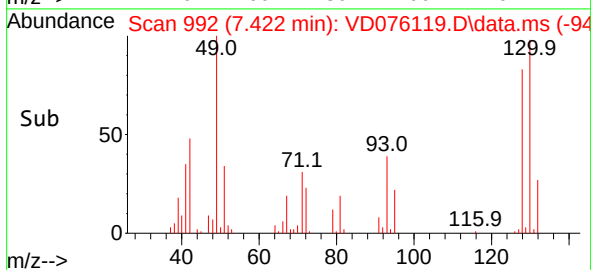
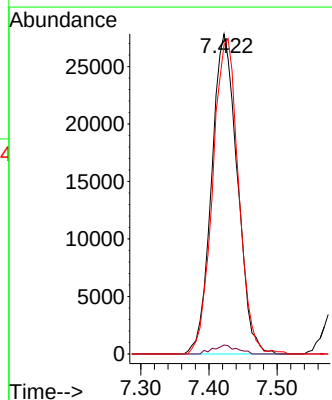
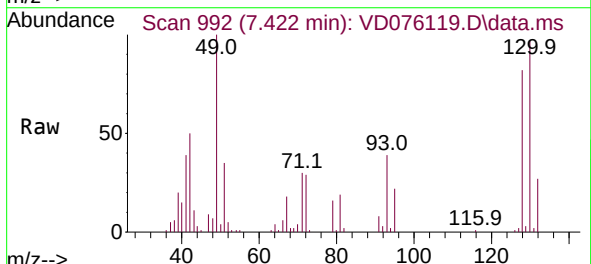
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

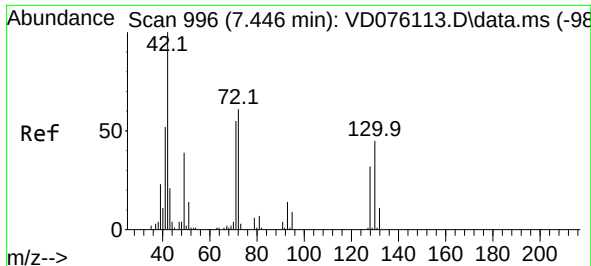
Tgt Ion: 96 Resp: 157449
 Ion Ratio Lower Upper
 96 100
 61 117.2 0.0 295.2
 98 63.9 0.0 129.2



#28
 Bromochloromethane
 Concen: 48.337 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076119.D
 Acq: 17 May 2023 12:24

Tgt Ion: 49 Resp: 73079
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 2.2#
 130 98.4 56.0 84.0#





#29

Tetrahydrofuran

Concen: 271.079 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

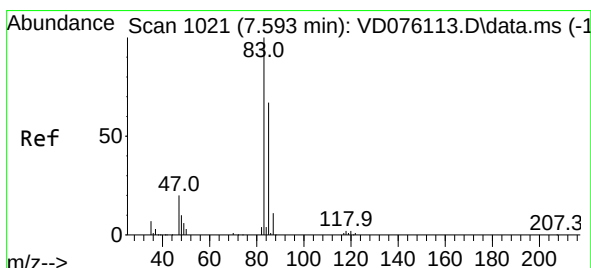
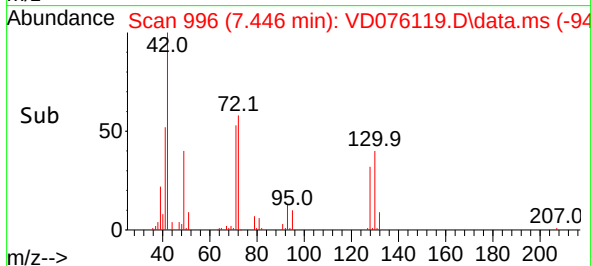
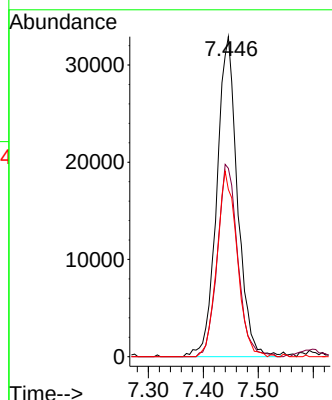
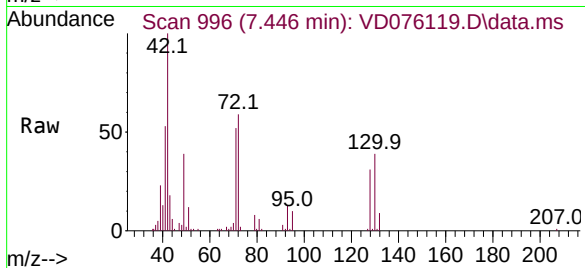
Tgt Ion: 42 Resp: 86265

Ion Ratio Lower Upper

42 100

72 59.0 31.8 47.6#

71 56.3 27.6 41.4#



#30

Chloroform

Concen: 48.955 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076119.D

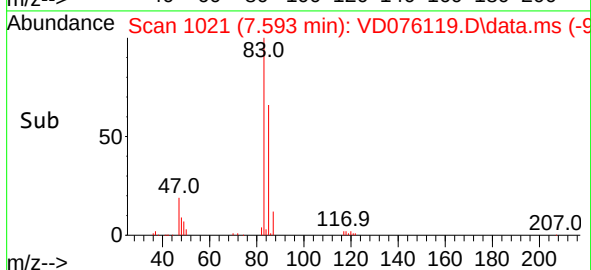
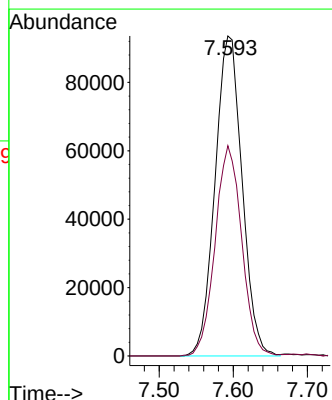
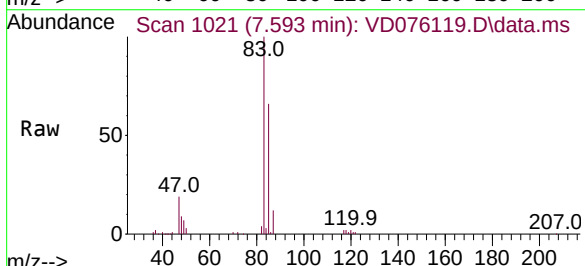
Acq: 17 May 2023 12:24

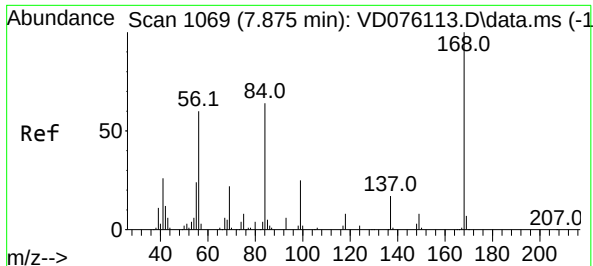
Tgt Ion: 83 Resp: 237373

Ion Ratio Lower Upper

83 100

85 65.7 49.4 74.2

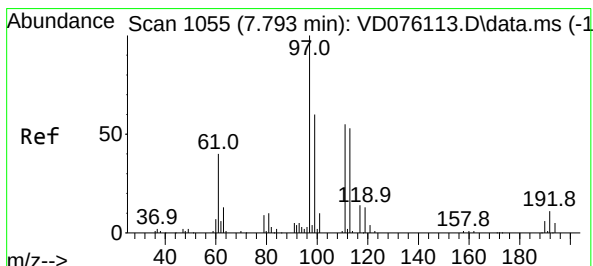
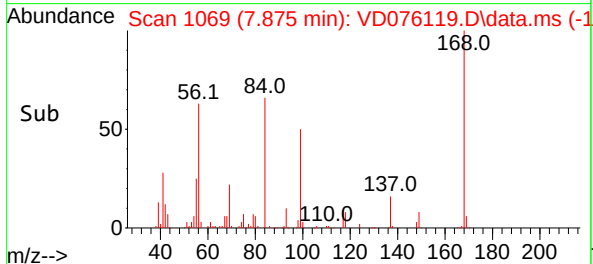
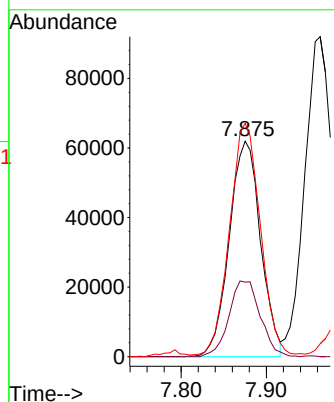
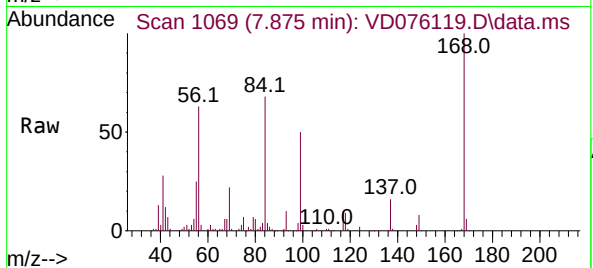




#31
Cyclohexane
Concen: 47.361 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

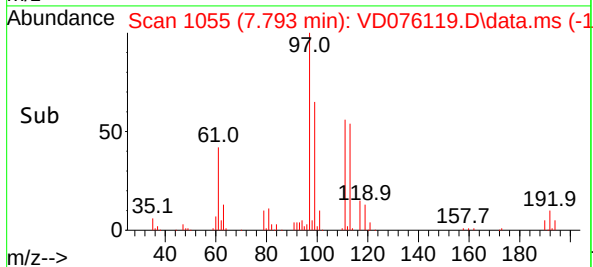
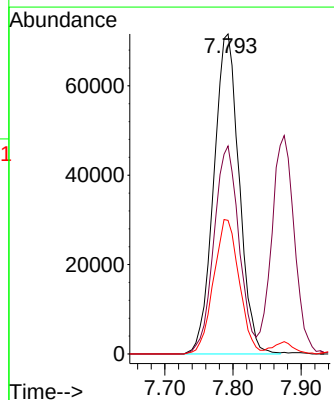
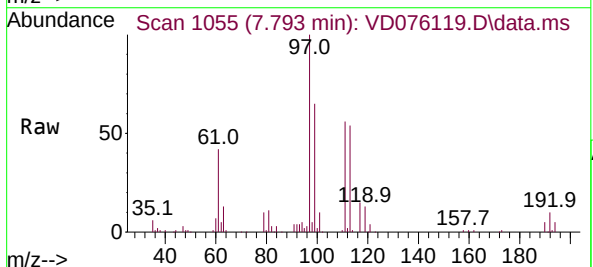
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

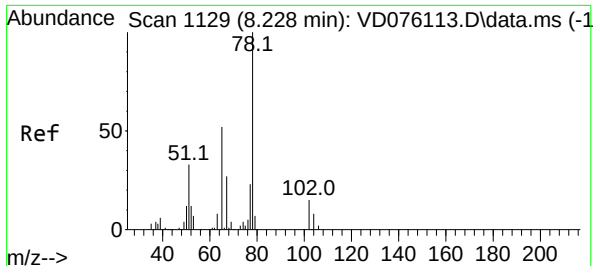
Tgt Ion: 56 Resp: 158302
Ion Ratio Lower Upper
56 100
69 34.6 25.5 38.3
84 107.0 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 48.028 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion: 97 Resp: 185588
Ion Ratio Lower Upper
97 100
99 64.6 50.5 75.7
61 42.3 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 46.161 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

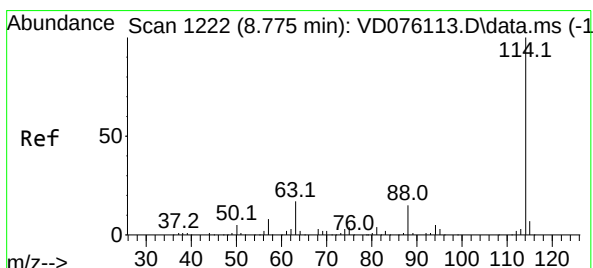
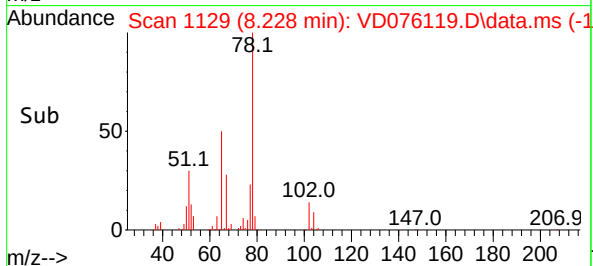
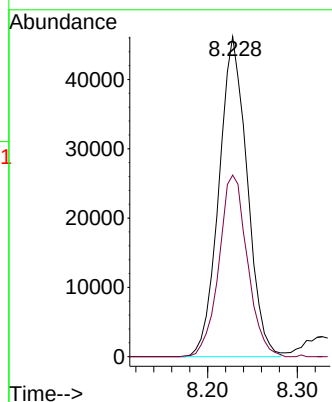
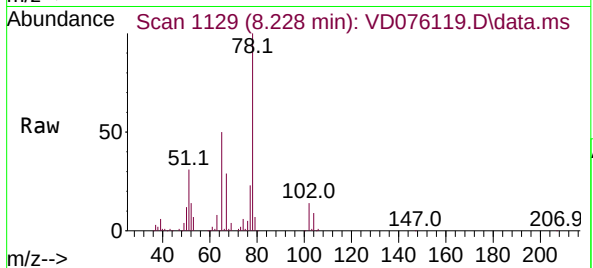
VSTDCCC050

Tgt Ion: 65 Resp: 100743

Ion Ratio Lower Upper

65 100

67 57.2 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

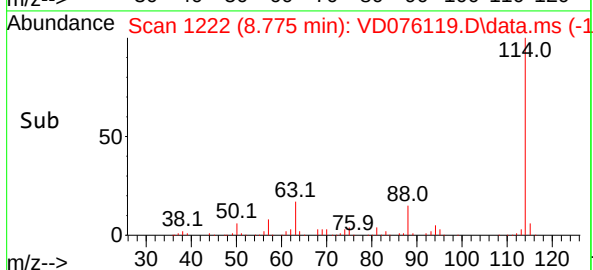
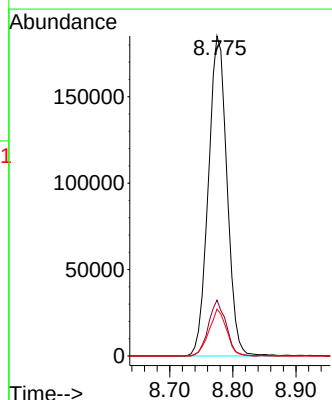
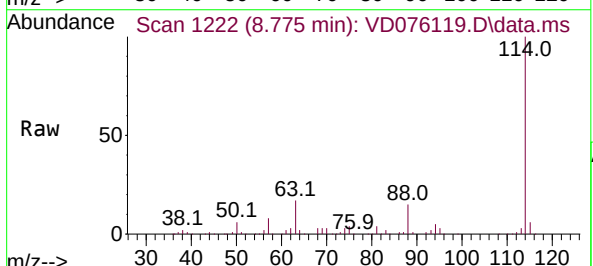
Tgt Ion: 114 Resp: 379731

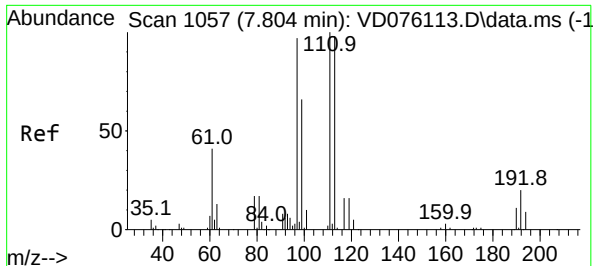
Ion Ratio Lower Upper

114 100

63 17.4 0.0 41.6

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 44.739 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

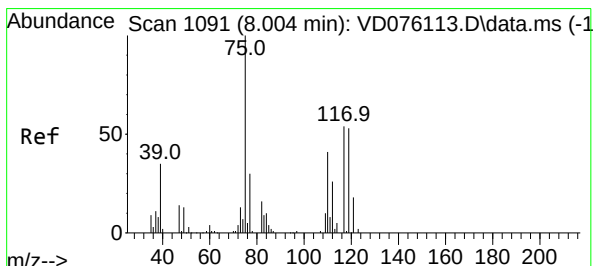
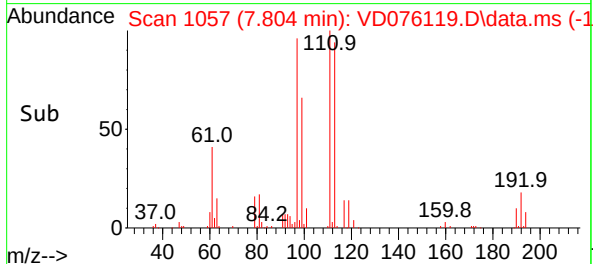
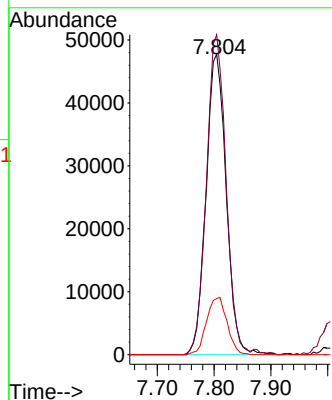
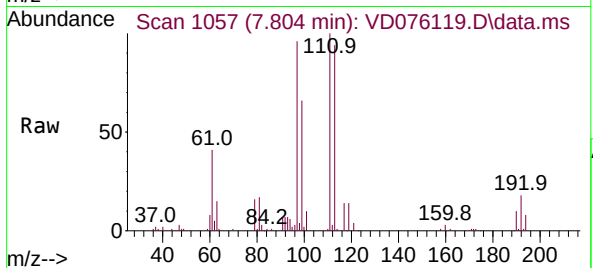
Tgt Ion:113 Resp: 117429

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 19.4 15.2 22.8



#36

1,1-Dichloropropene

Concen: 47.177 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

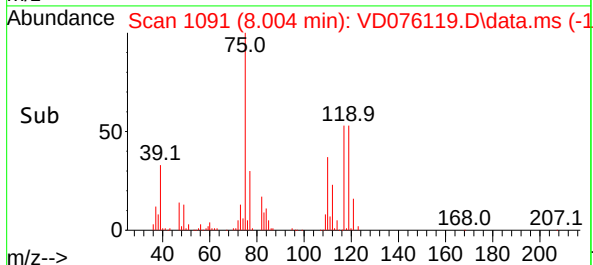
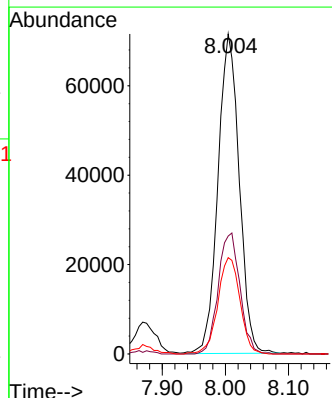
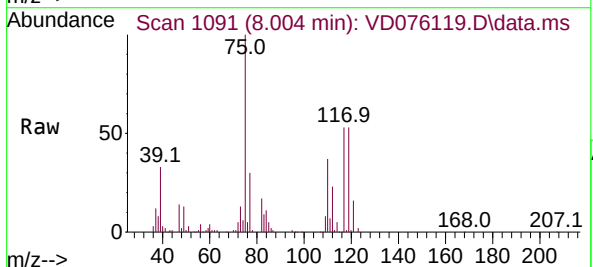
Tgt Ion: 75 Resp: 167238

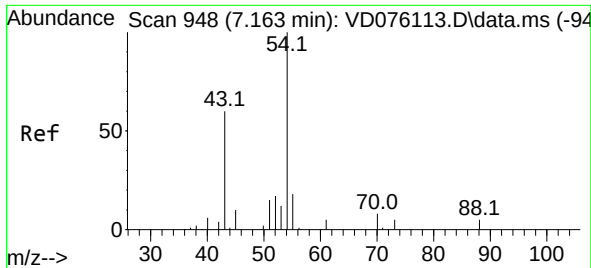
Ion Ratio Lower Upper

75 100

110 38.7 17.1 51.2

77 31.5 24.6 36.8





#37

Ethyl Acetate

Concen: 52.150 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

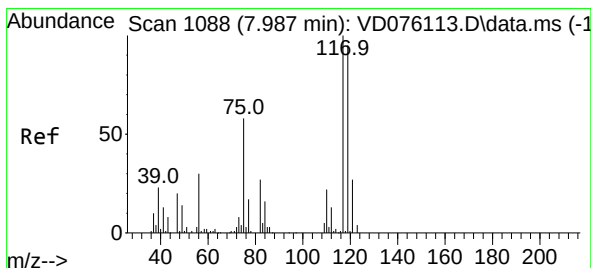
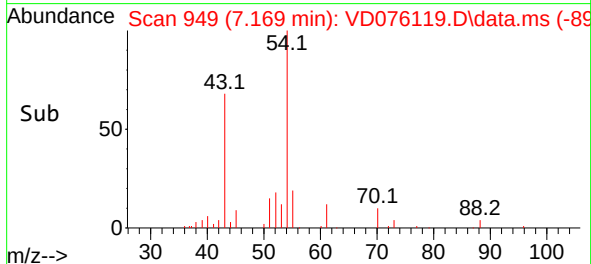
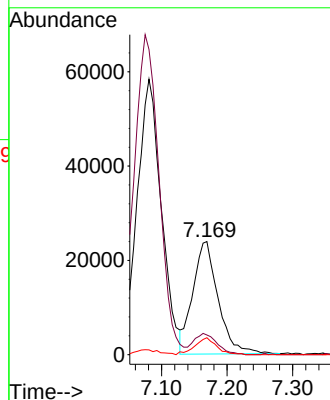
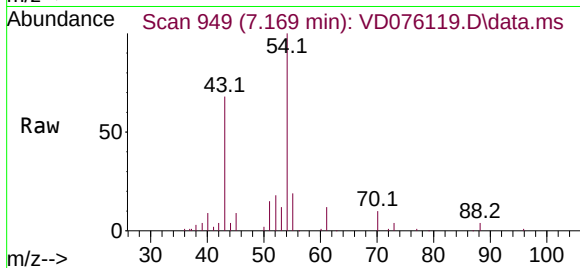
Tgt Ion: 43 Resp: 64015

Ion Ratio Lower Upper

43 100

61 17.1 0.0 0.0#

70 12.9 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 46.419 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

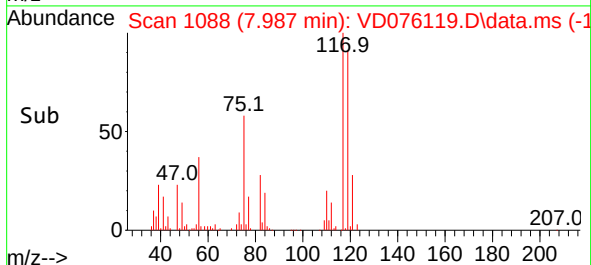
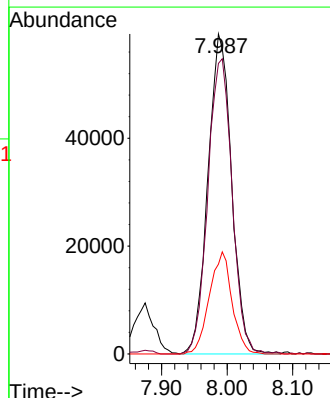
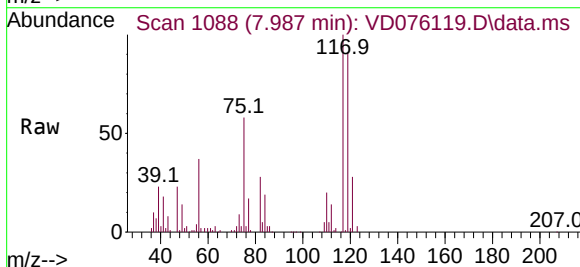
Tgt Ion: 117 Resp: 148632

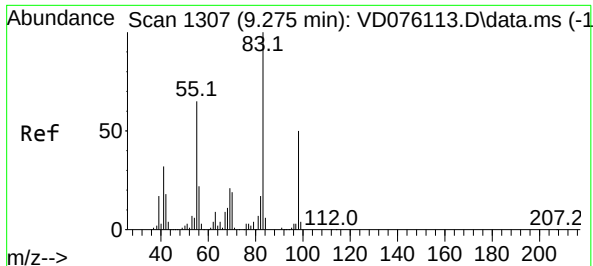
Ion Ratio Lower Upper

117 100

119 90.8 74.7 112.1

121 28.0 25.9 38.9





#39

Methylcyclohexane

Concen: 47.127 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

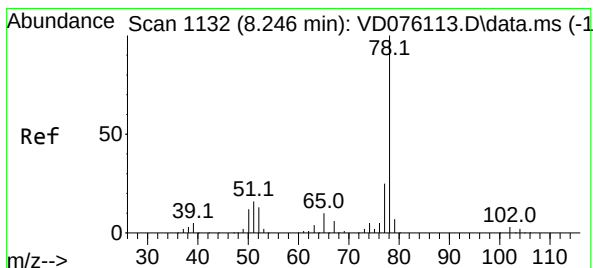
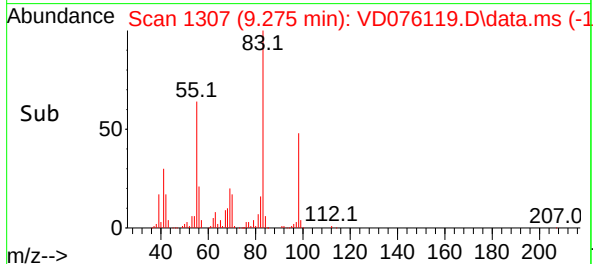
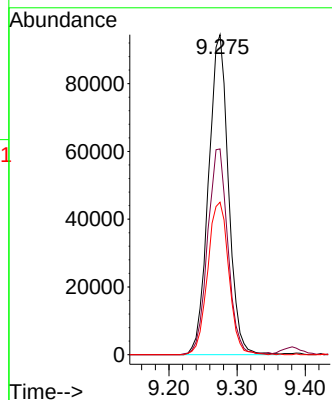
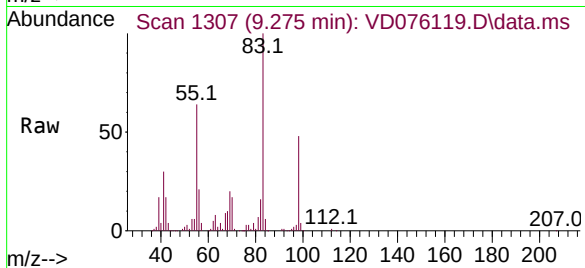
Tgt Ion: 83 Resp: 192338

Ion Ratio Lower Upper

83 100

55 64.3 56.8 85.2

98 47.7 38.9 58.3



#40

Benzene

Concen: 47.348 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD076119.D

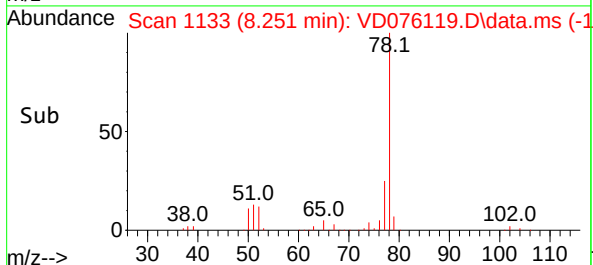
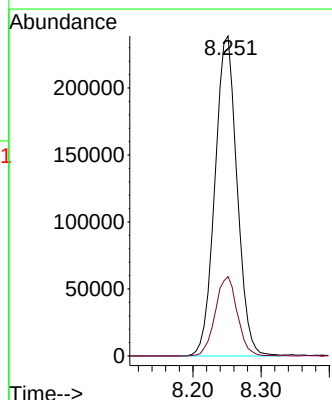
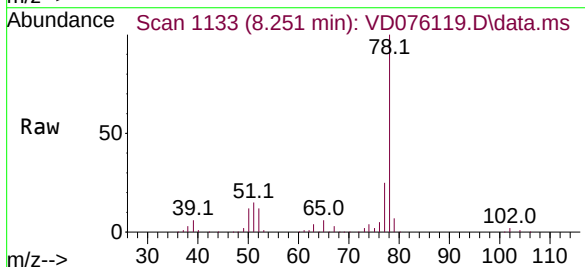
Acq: 17 May 2023 12:24

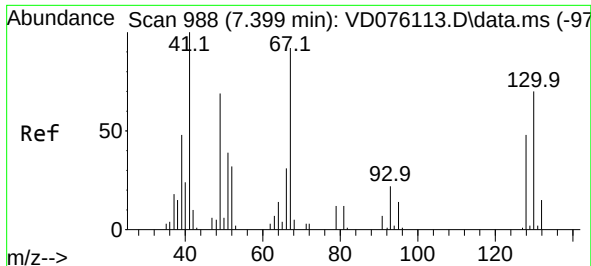
Tgt Ion: 78 Resp: 539620

Ion Ratio Lower Upper

78 100

77 24.8 19.1 28.7

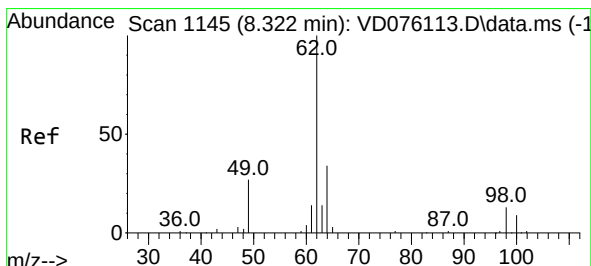
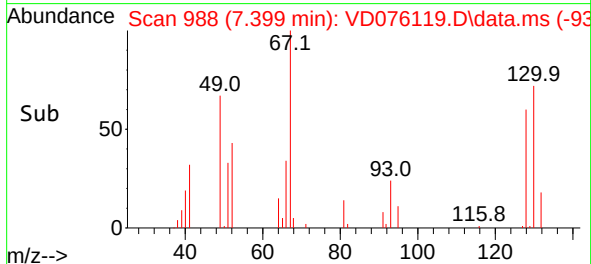
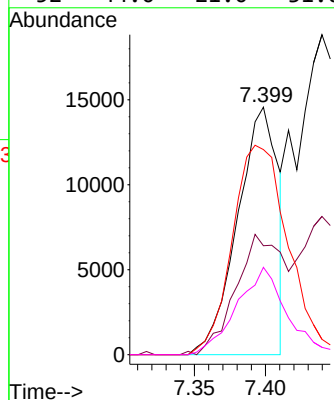
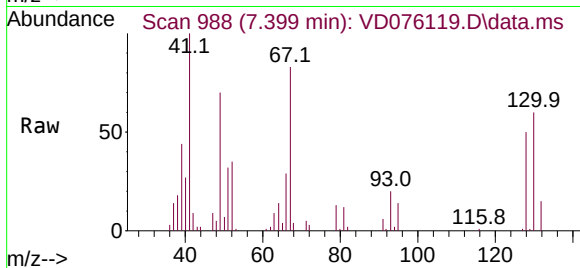




#41
Methacrylonitrile
Concen: 43.060 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

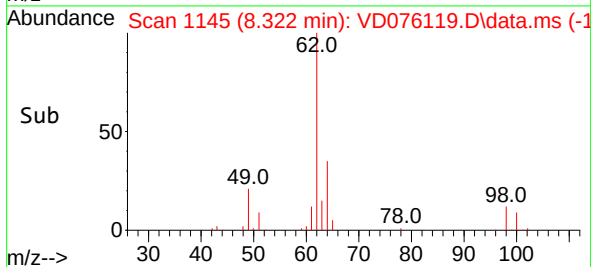
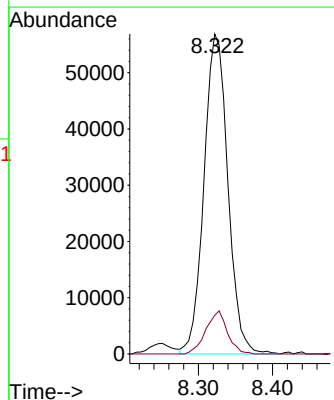
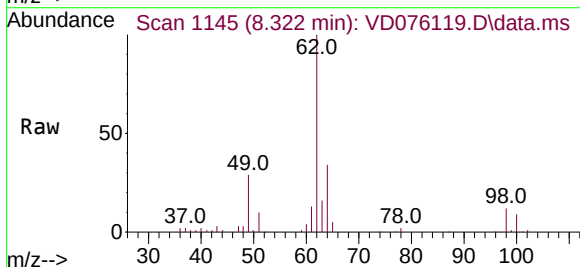
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

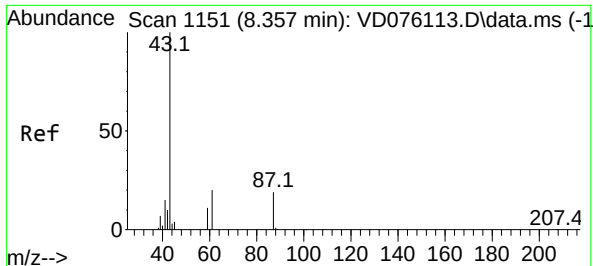
Tgt Ion: 41 Resp: 28983
Ion Ratio Lower Upper
41 100
39 57.3 45.3 67.9
67 115.9 50.5 75.7#
52 44.0 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 47.256 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion: 62 Resp: 127387
Ion Ratio Lower Upper
62 100
98 12.1 0.0 18.8

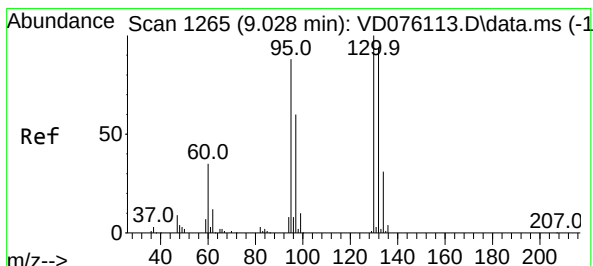
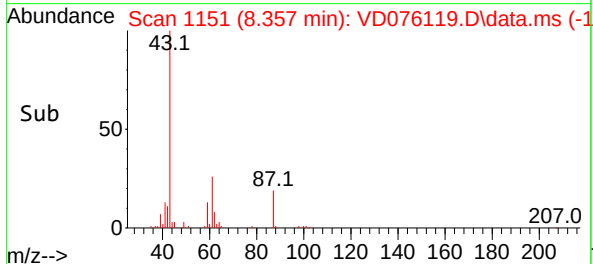
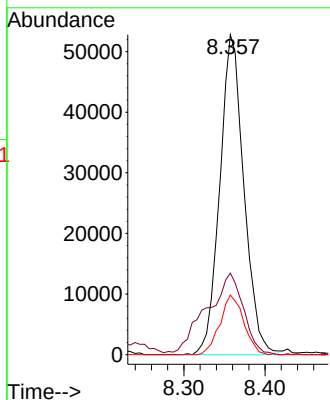
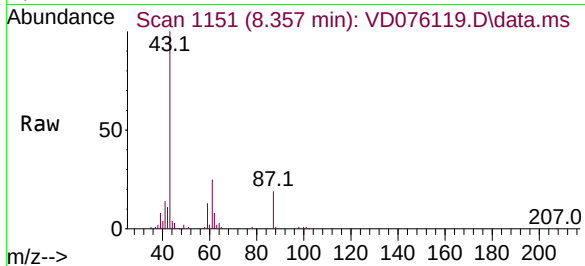




#43
Isopropyl Acetate
Concen: 47.546 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

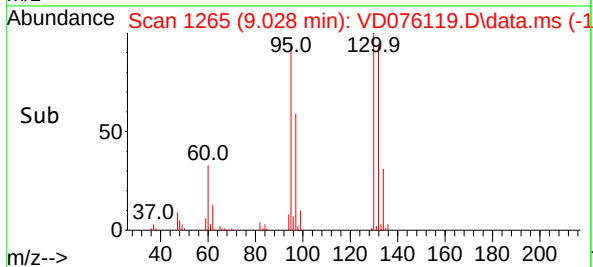
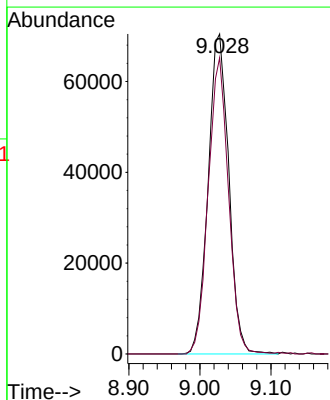
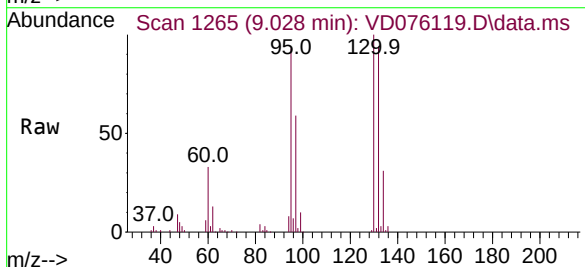
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

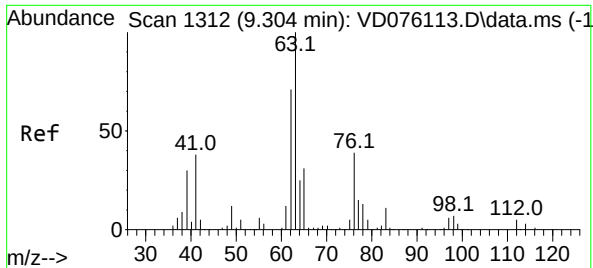
Tgt Ion: 43 Resp: 109025
Ion Ratio Lower Upper
43 100
61 39.1 23.4 35.0#
87 18.4 9.5 14.3#



#44
Trichloroethene
Concen: 44.201 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion:130 Resp: 141970
Ion Ratio Lower Upper
130 100
95 92.5 0.0 197.6





#45

1,2-Dichloropropane

Concen: 46.986 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

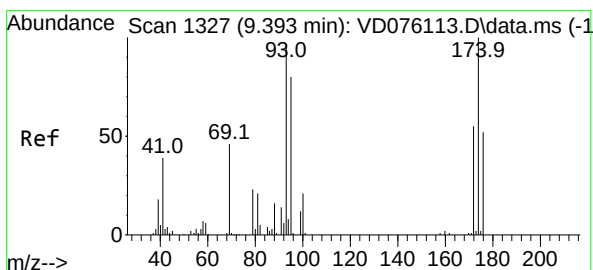
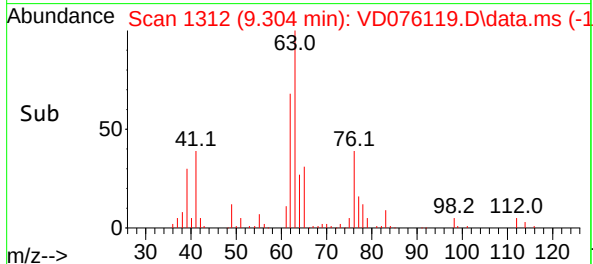
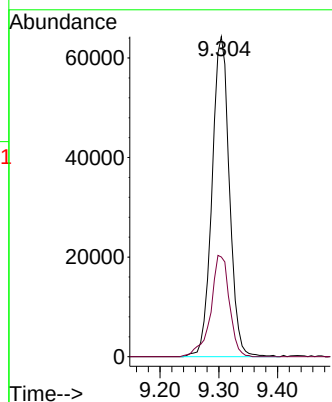
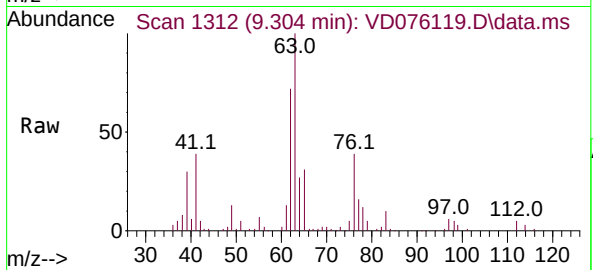
VSTDCCC050

Tgt Ion: 63 Resp: 132086

Ion Ratio Lower Upper

63 100

65 31.1 23.0 34.4



#46

Dibromomethane

Concen: 48.091 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

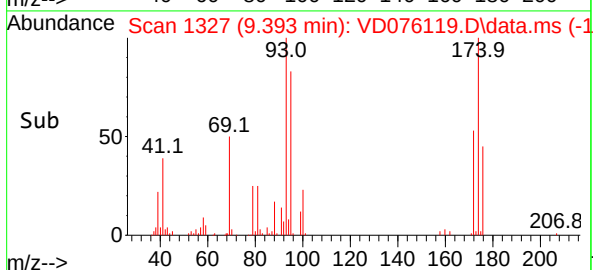
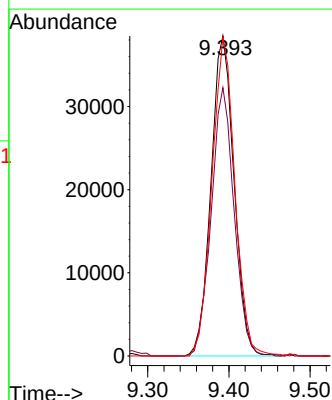
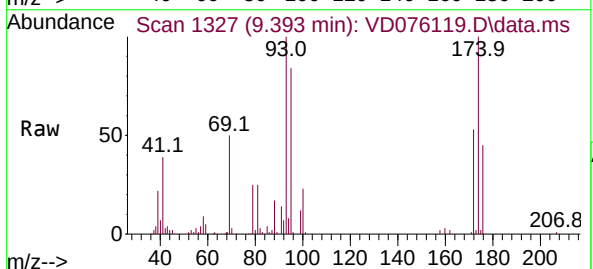
Tgt Ion: 93 Resp: 75778

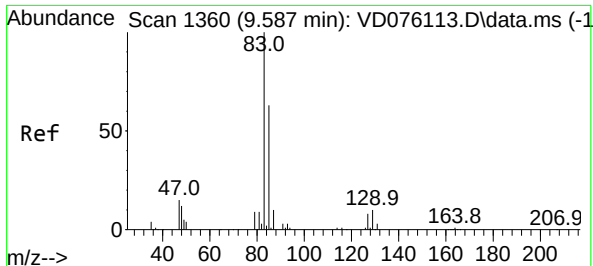
Ion Ratio Lower Upper

93 100

95 83.6 64.5 96.7

174 99.4 76.2 114.4





#47

Bromodichloromethane

Concen: 46.711 ug/l

RT: 9.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

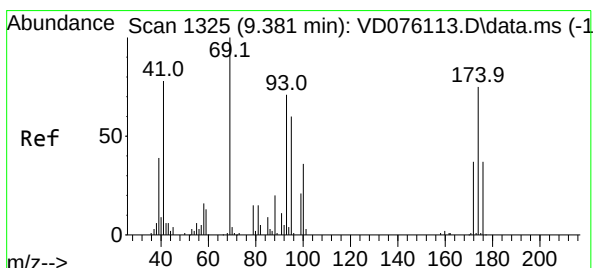
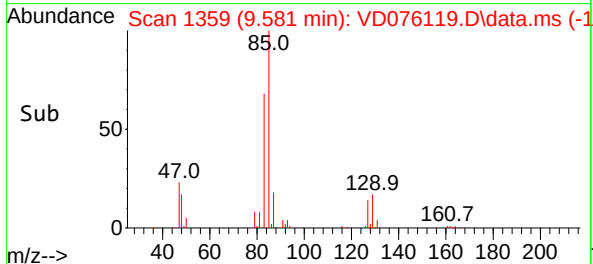
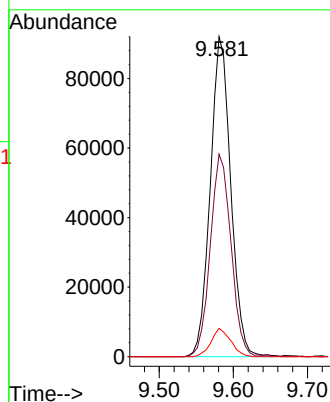
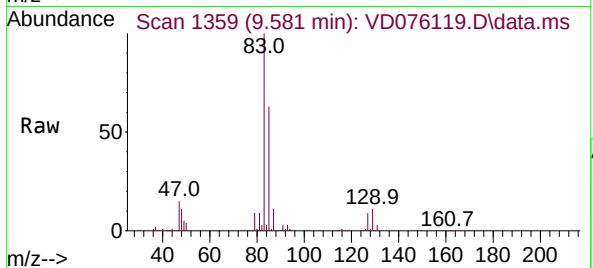
Tgt Ion: 83 Resp: 176898

Ion Ratio Lower Upper

83 100

85 63.3 53.7 80.5

127 8.8 7.0 10.6



#48

Methyl methacrylate

Concen: 51.222 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

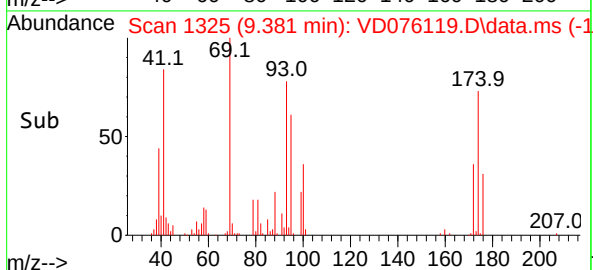
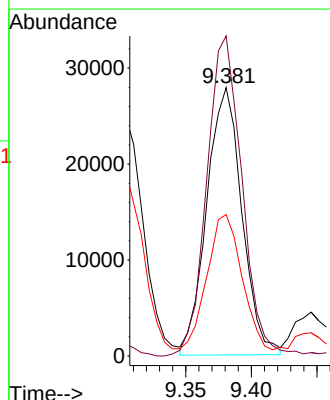
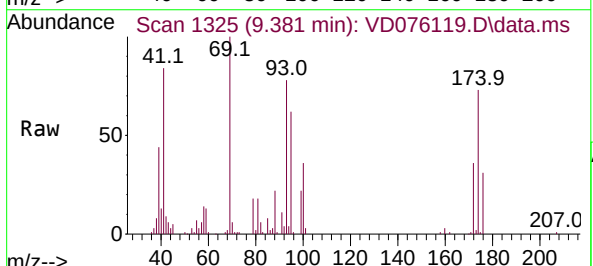
Tgt Ion: 41 Resp: 51984

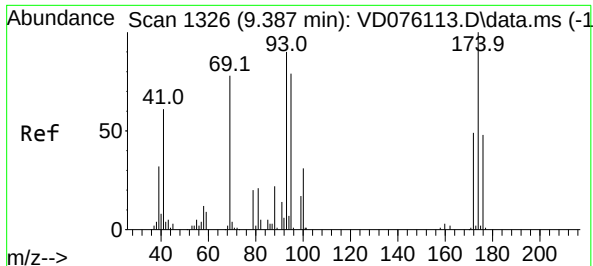
Ion Ratio Lower Upper

41 100

69 119.9 58.6 88.0#

39 55.2 53.4 80.0





#49

1,4-Dioxane

Concen: 1005.745 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

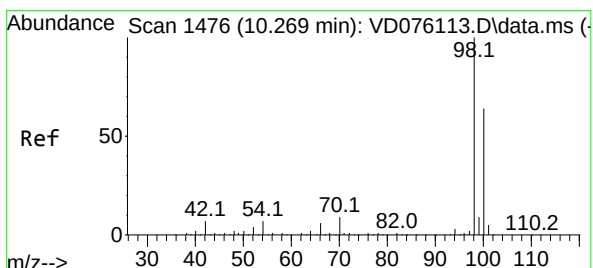
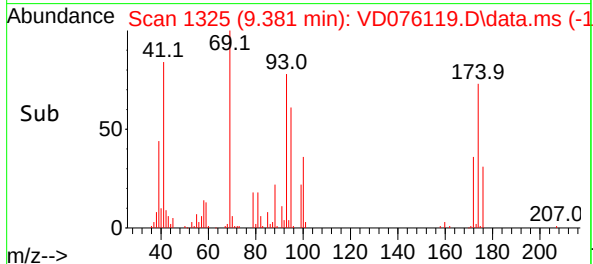
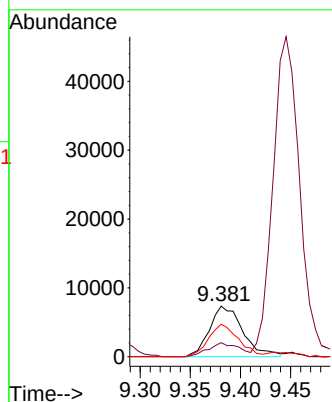
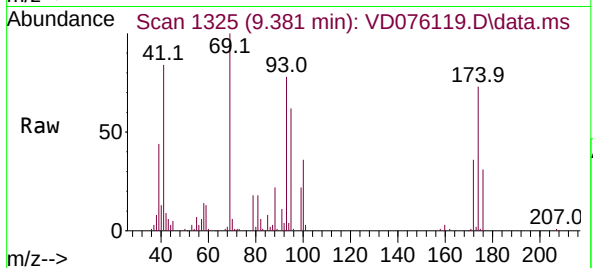
Tgt Ion: 88 Resp: 16947

Ion Ratio Lower Upper

88 100

43 25.7 34.6 51.8#

58 57.6 58.0 87.0#



#50

Toluene-d8

Concen: 46.403 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076119.D

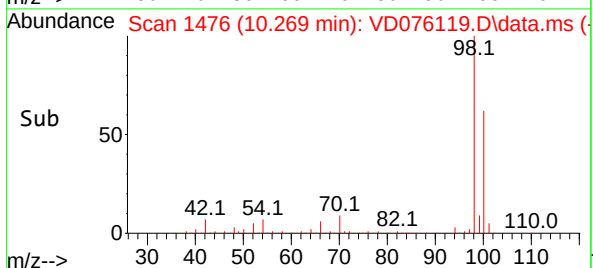
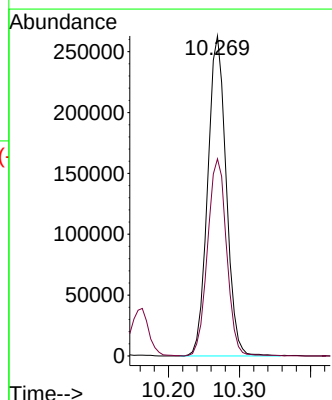
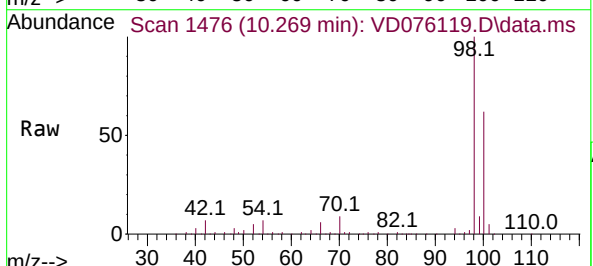
Acq: 17 May 2023 12:24

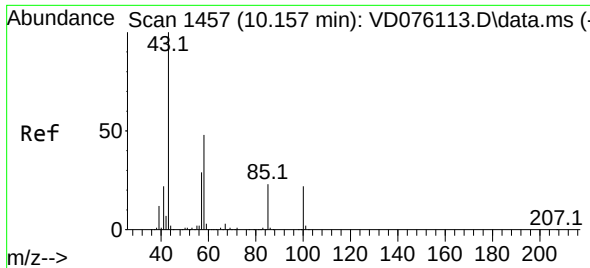
Tgt Ion: 98 Resp: 474795

Ion Ratio Lower Upper

98 100

100 63.4 52.1 78.1

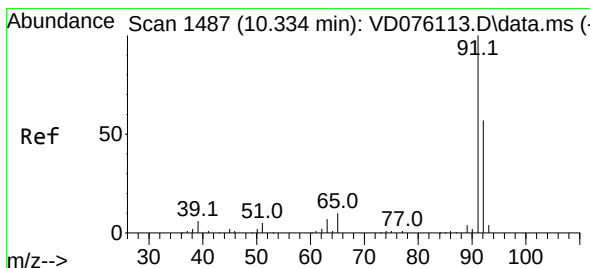
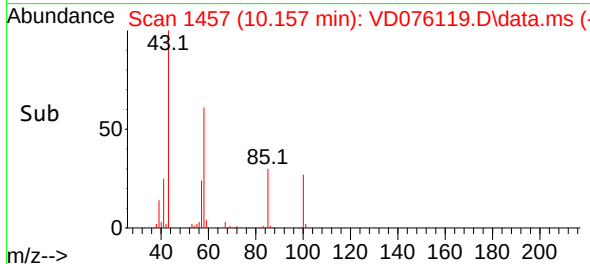
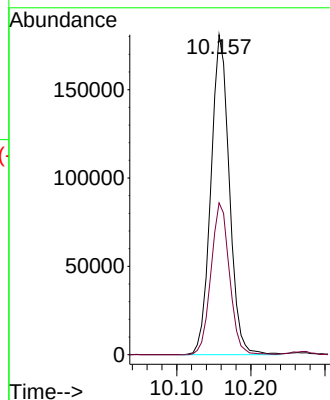
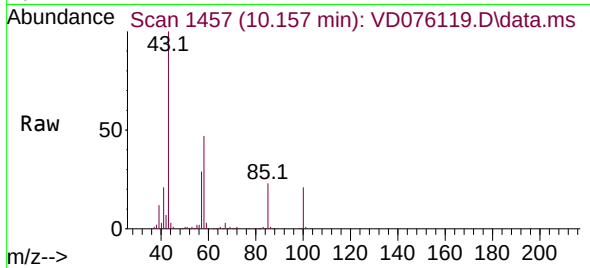




#51
4-Methyl-2-Pentanone
Concen: 256.415 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

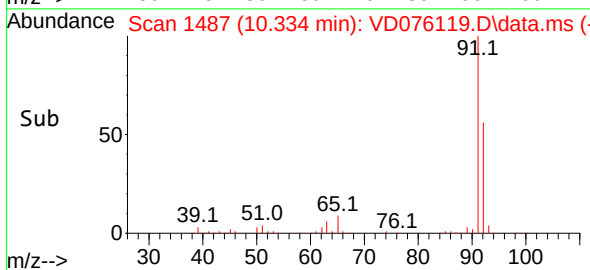
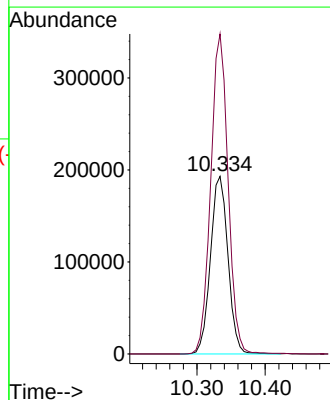
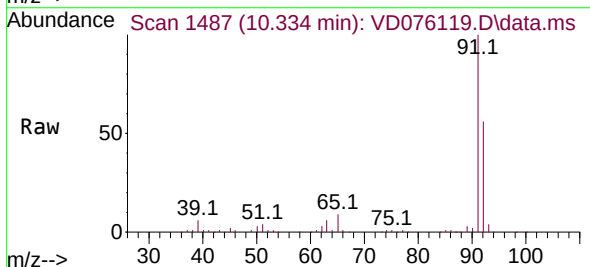
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

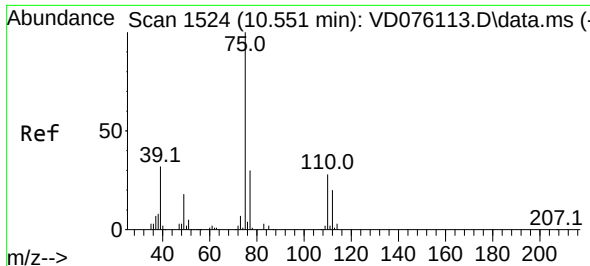
Tgt Ion: 43 Resp: 312712
Ion Ratio Lower Upper
43 100
58 47.5 29.5 44.3#



#52
Toluene
Concen: 48.499 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion: 92 Resp: 345222
Ion Ratio Lower Upper
92 100
91 178.9 136.5 204.7

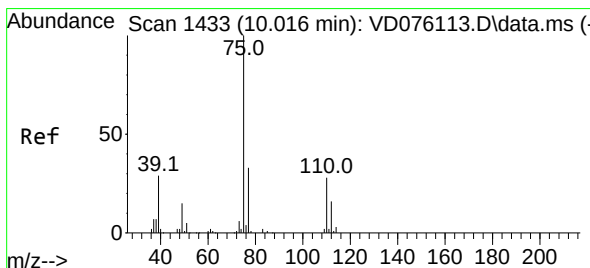
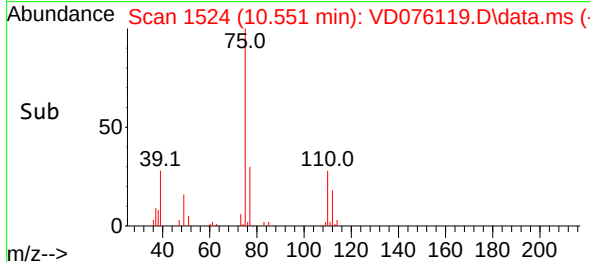
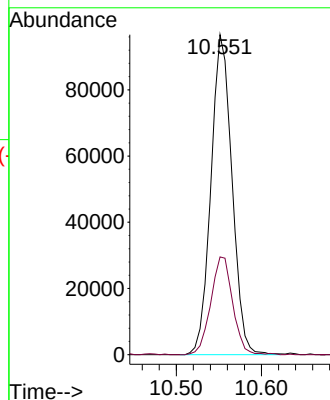
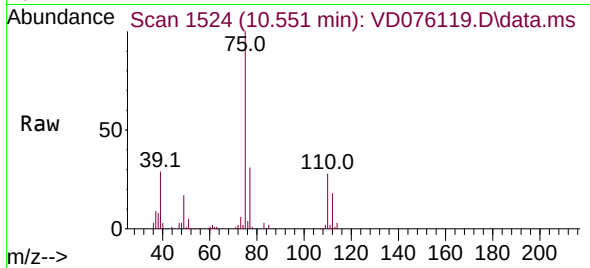




#53
 t-1,3-Dichloropropene
 Concen: 48.694 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD076119.D
 Acq: 17 May 2023 12:24

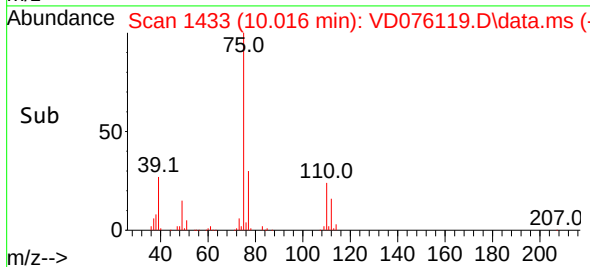
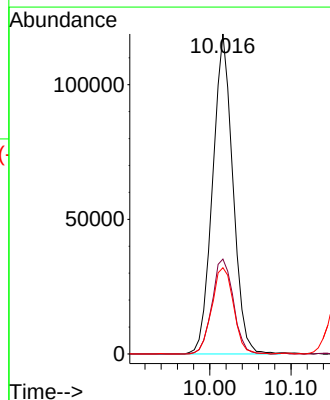
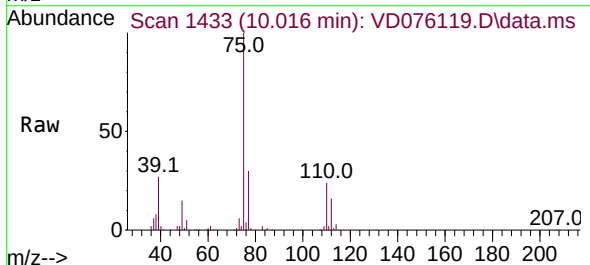
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

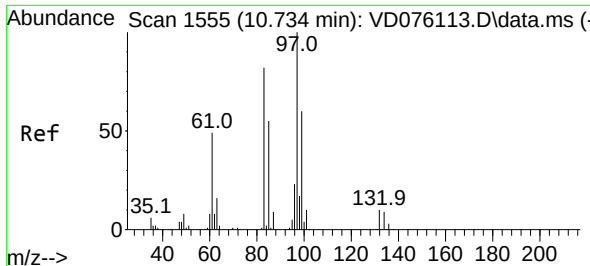
Tgt Ion: 75 Resp: 166201
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 49.353 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076119.D
 Acq: 17 May 2023 12:24

Tgt Ion: 75 Resp: 205574
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.6 38.4
 39 26.9 44.8 67.2#

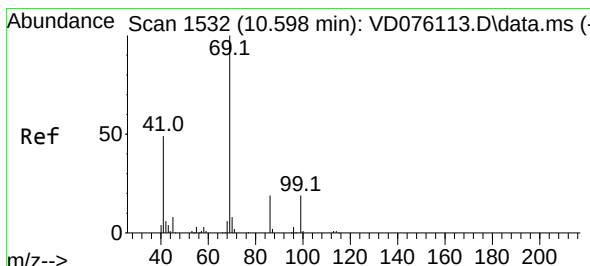
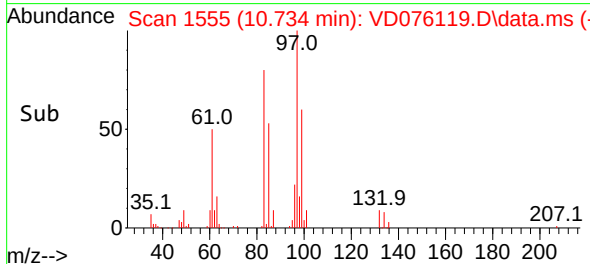
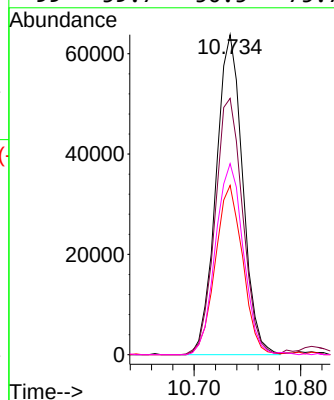
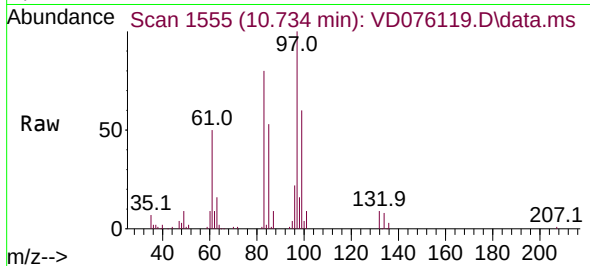




#55
1,1,2-Trichloroethane
Concen: 48.993 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

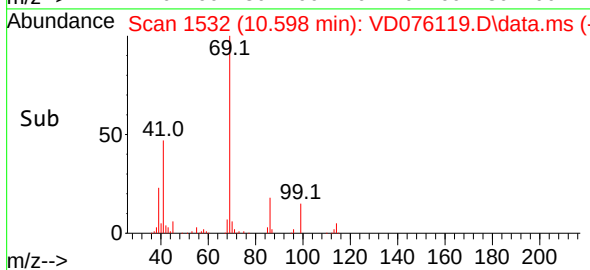
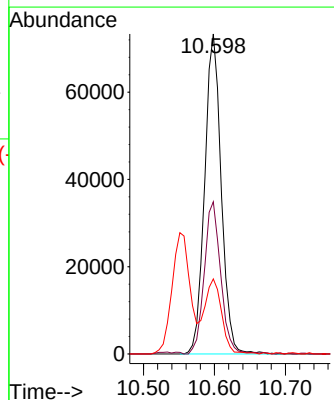
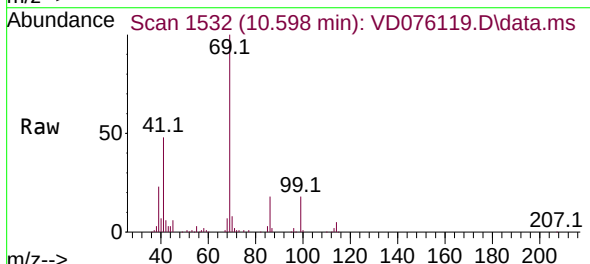
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

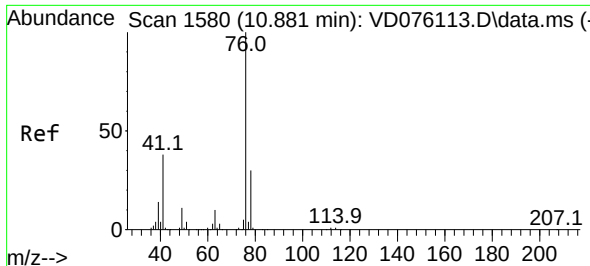
Tgt Ion:	97	Resp:	110706
Ion	Ratio	Lower	Upper
97	100		
83	80.1	74.2	111.4
85	52.9	45.4	68.0
99	59.7	50.5	75.7



#56
Ethyl methacrylate
Concen: 52.402 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion:	69	Resp:	119018
Ion	Ratio	Lower	Upper
69	100		
41	47.5	59.3	88.9#
39	24.6	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 48.053 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

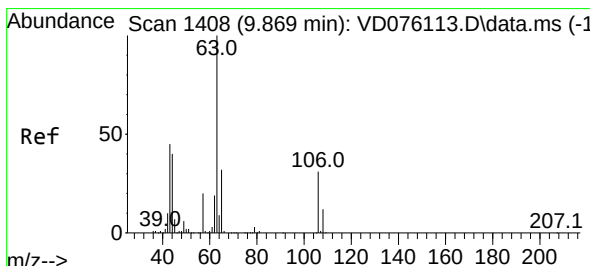
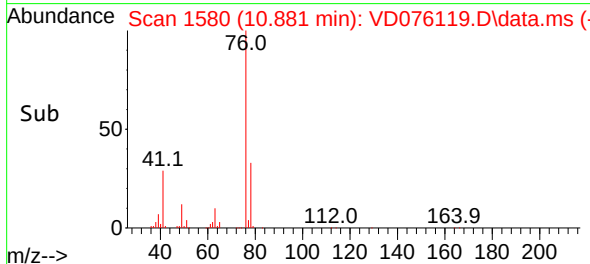
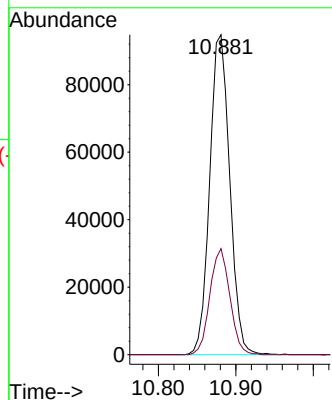
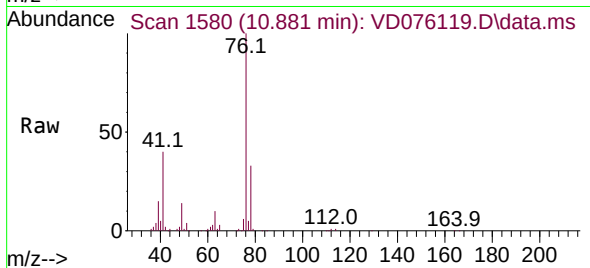
VSTDCCC050

Tgt Ion: 76 Resp: 170354

Ion Ratio Lower Upper

76 100

78 33.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 247.618 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076119.D

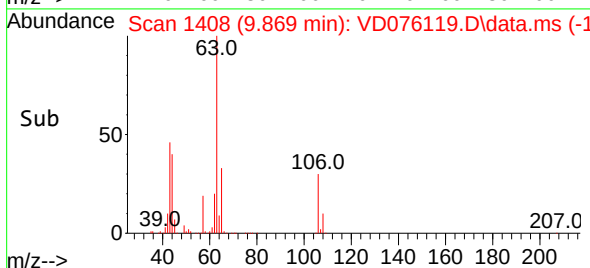
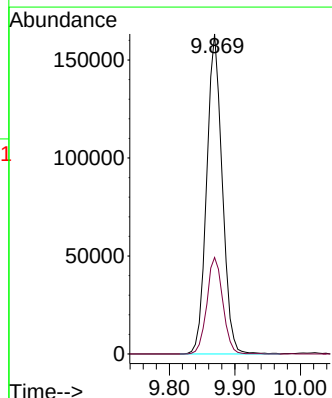
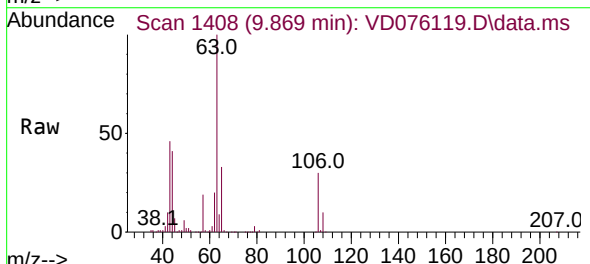
Acq: 17 May 2023 12:24

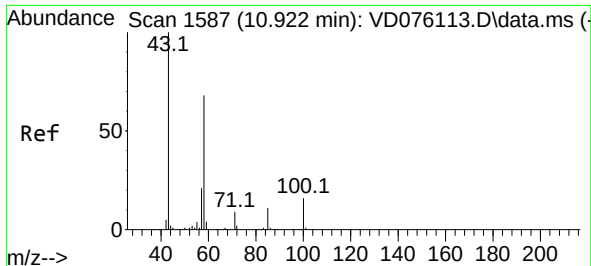
Tgt Ion: 63 Resp: 269844

Ion Ratio Lower Upper

63 100

106 30.8 21.4 32.2

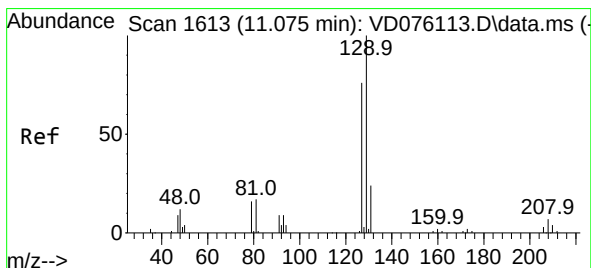
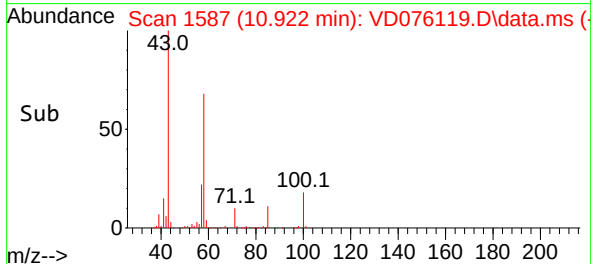
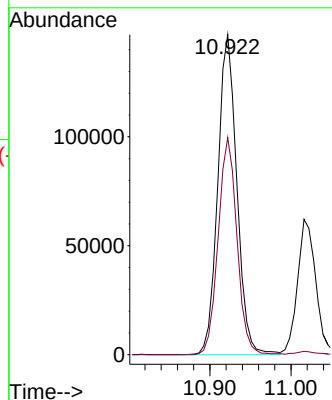
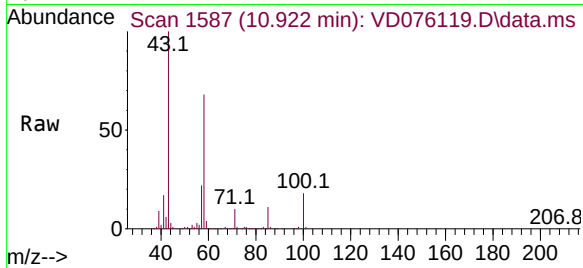




#59
2-Hexanone
Concen: 278.463 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

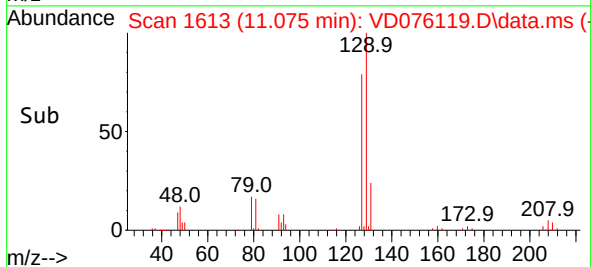
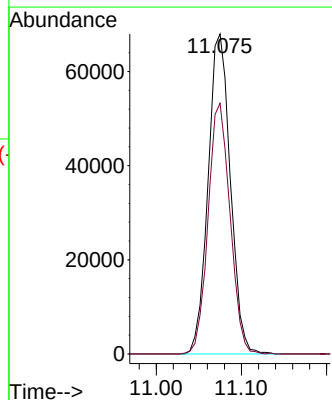
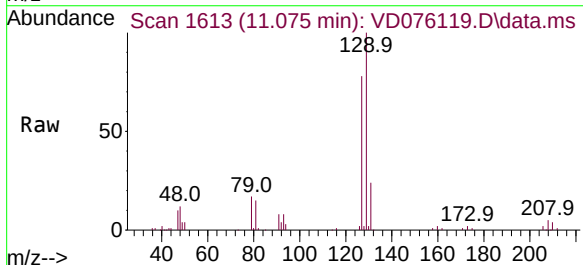
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

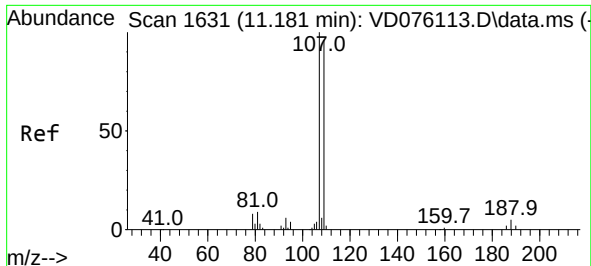
Tgt Ion: 43 Resp: 239496
Ion Ratio Lower Upper
43 100
58 67.0 25.3 75.8



#60
Dibromochloromethane
Concen: 48.638 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion:129 Resp: 123577
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.5

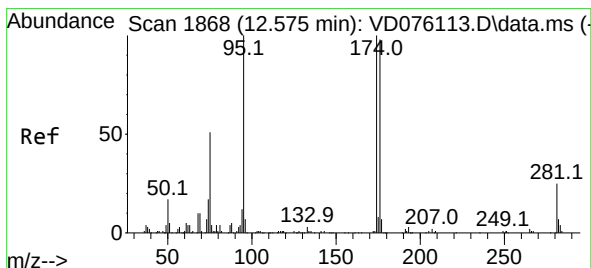
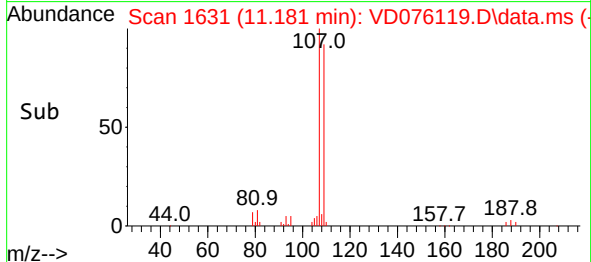
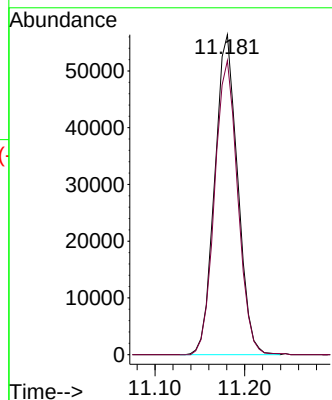
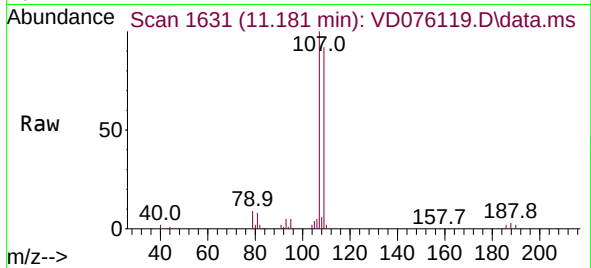




#61
1,2-Dibromoethane
Concen: 49.798 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

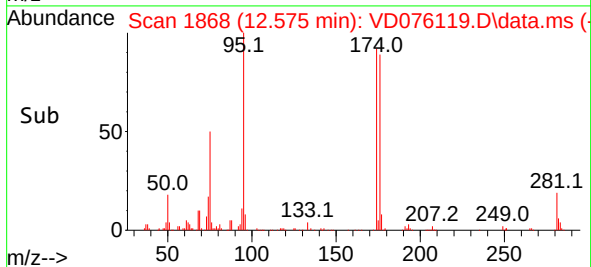
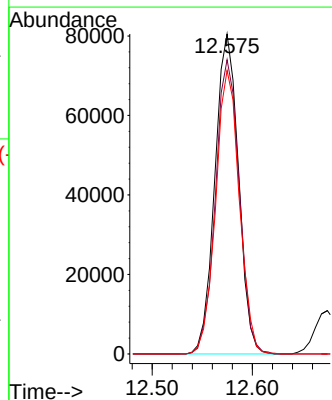
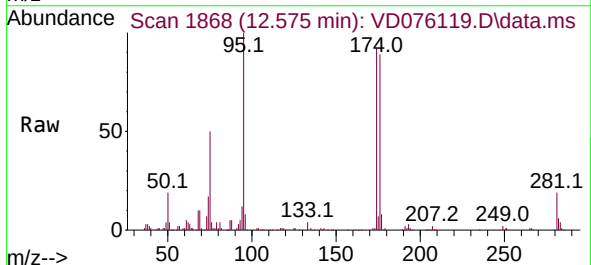
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

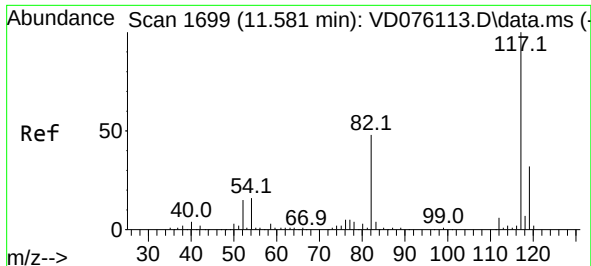
Tgt Ion:107 Resp: 100098
Ion Ratio Lower Upper
107 100
109 92.6 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 46.199 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion: 95 Resp: 131311
Ion Ratio Lower Upper
95 100
174 92.7 0.0 164.0
176 89.0 0.0 156.8

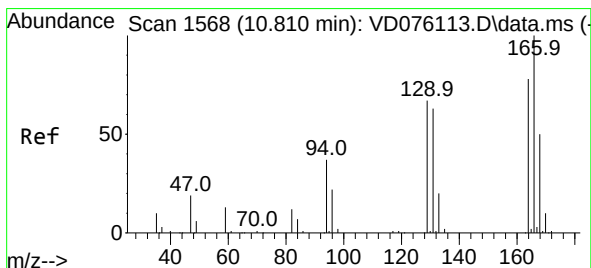
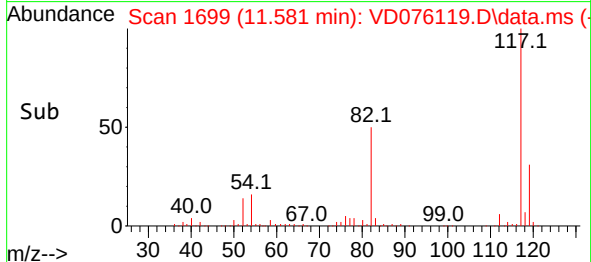
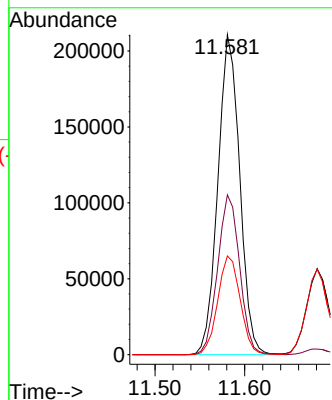
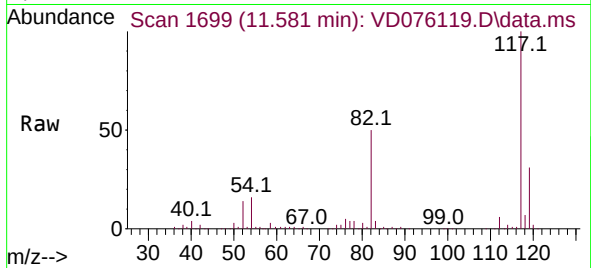




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

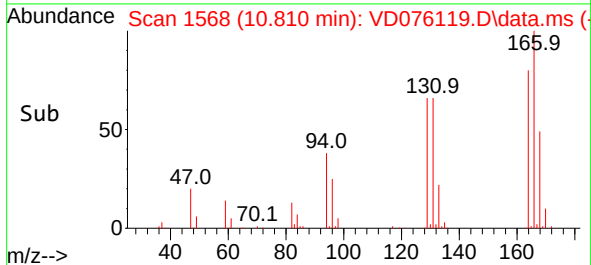
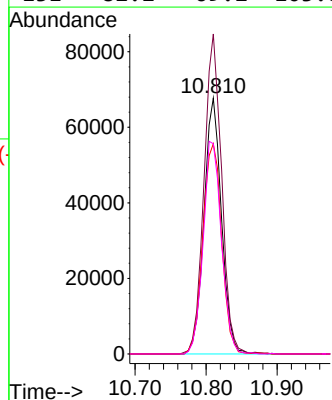
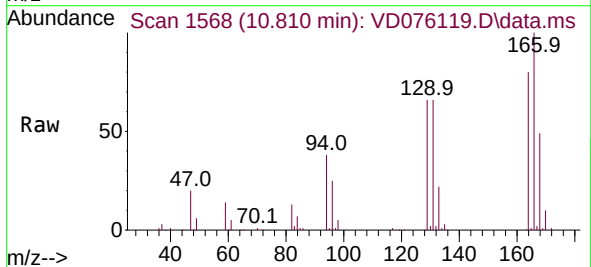
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

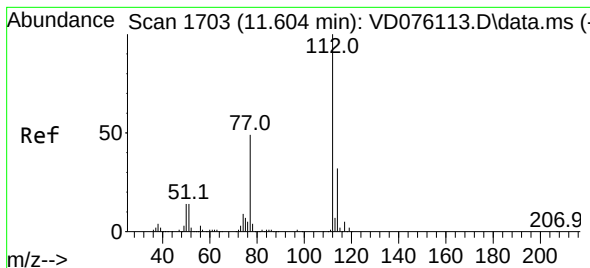
Tgt Ion:117 Resp: 356262
Ion Ratio Lower Upper
117 100
82 50.0 44.0 66.0
119 30.8 25.1 37.7



#64
Tetrachloroethene
Concen: 42.434 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion:164 Resp: 116249
Ion Ratio Lower Upper
164 100
166 125.1 94.9 142.3
129 82.2 73.0 109.6
131 82.2 69.2 103.8





#65

Chlorobenzene

Concen: 46.516 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

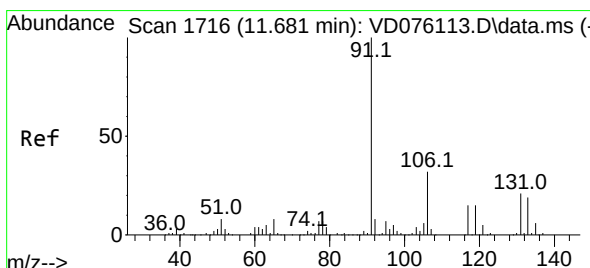
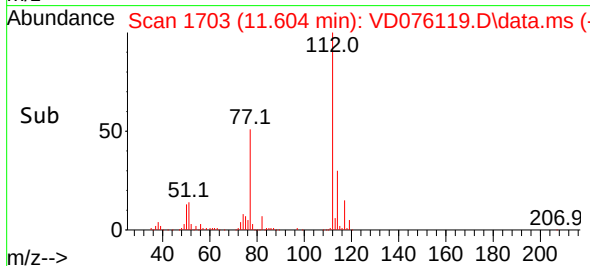
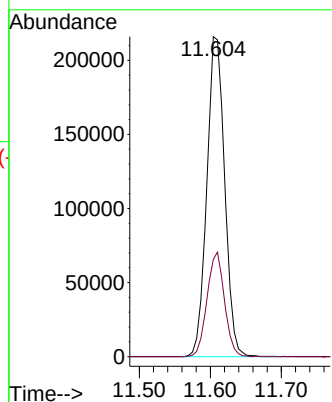
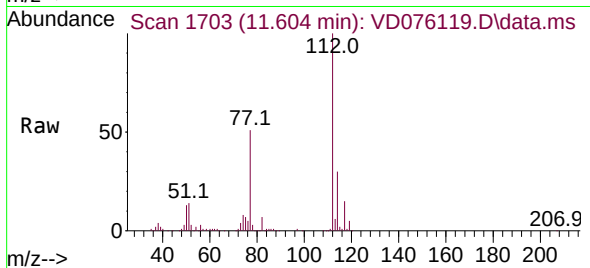
VSTDCCC050

Tgt Ion:112 Resp: 377273

Ion Ratio Lower Upper

112 100

114 30.4 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 46.147 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

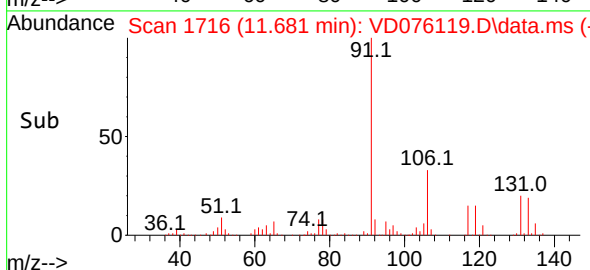
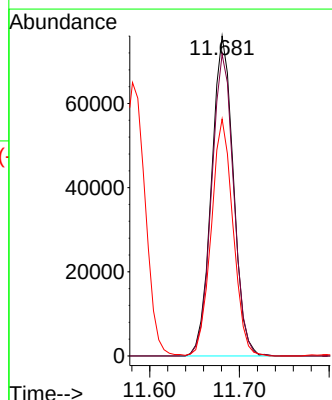
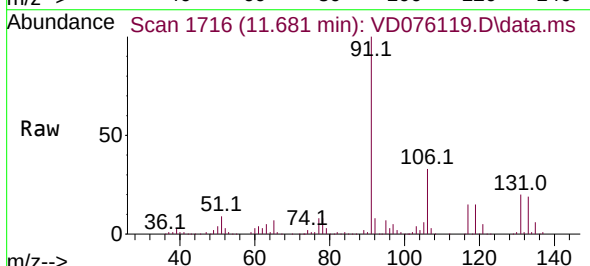
Tgt Ion:131 Resp: 128802

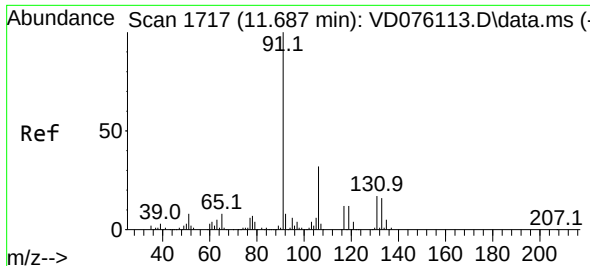
Ion Ratio Lower Upper

131 100

133 95.3 46.7 140.0

119 73.7 31.9 95.9

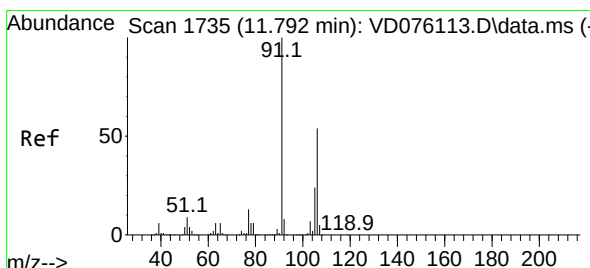
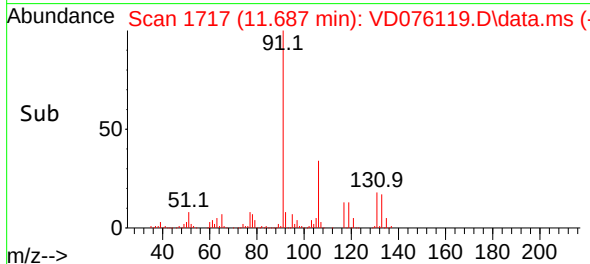
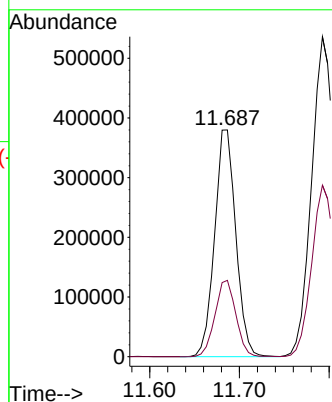
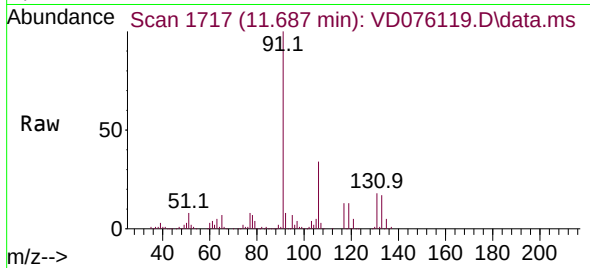




#67
Ethyl Benzene
Concen: 48.143 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

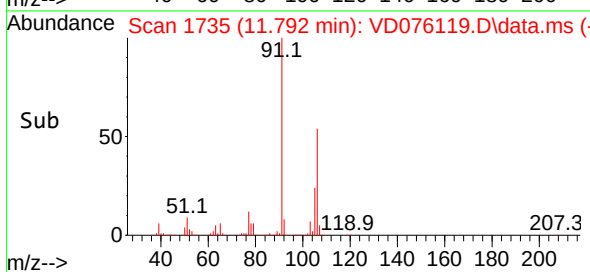
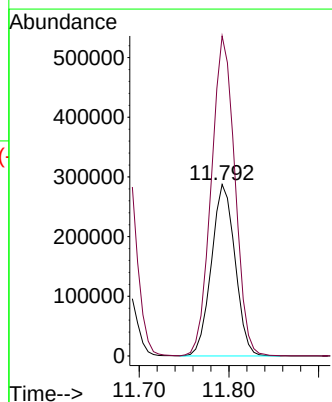
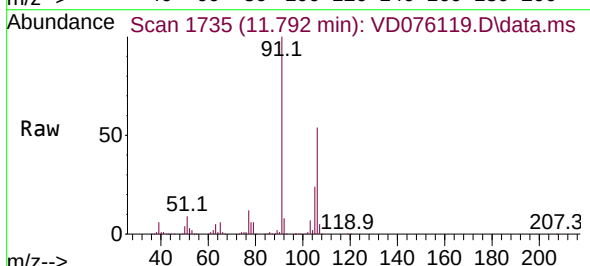
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

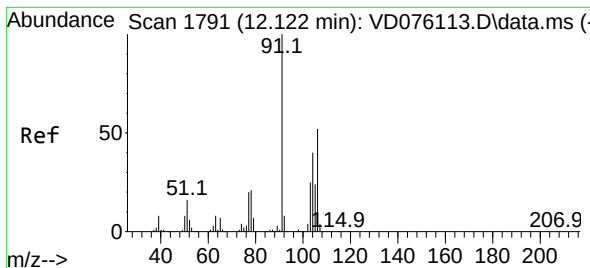
Tgt Ion: 91 Resp: 623933
Ion Ratio Lower Upper
91 100
106 33.7 24.5 36.7



#68
m/p-Xylenes
Concen: 99.176 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion: 106 Resp: 525313
Ion Ratio Lower Upper
106 100
91 186.8 161.5 242.3

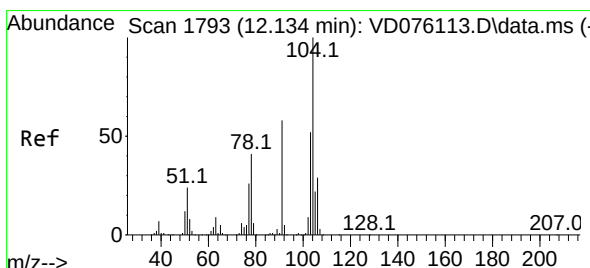
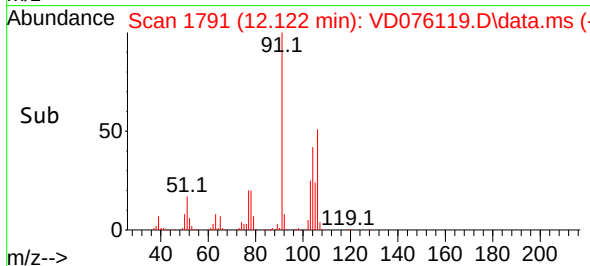
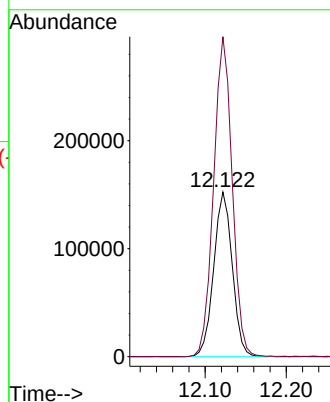
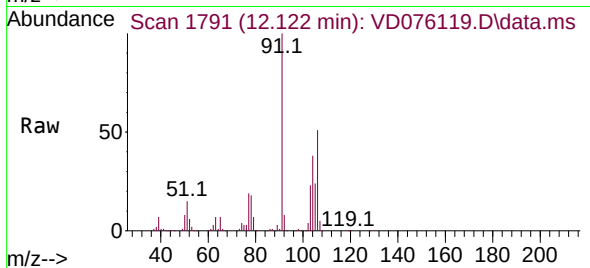




#69
o-Xylene
Concen: 50.065 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

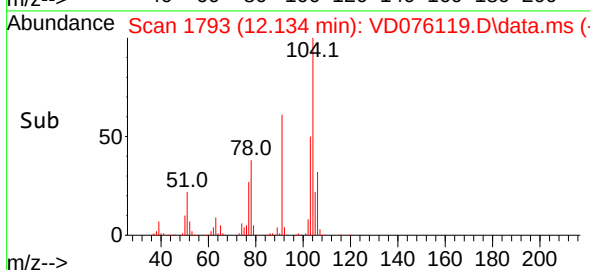
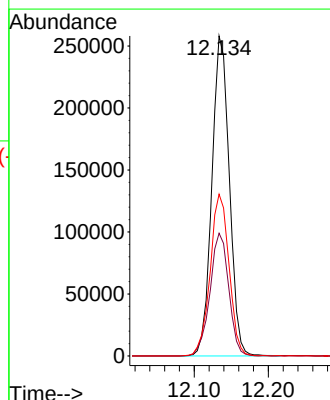
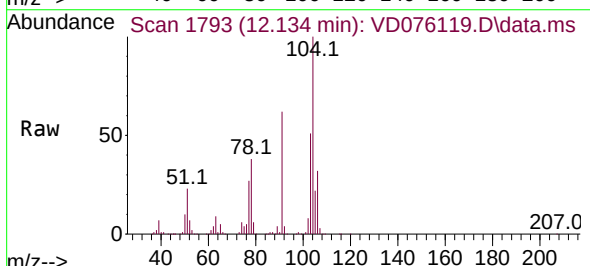
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

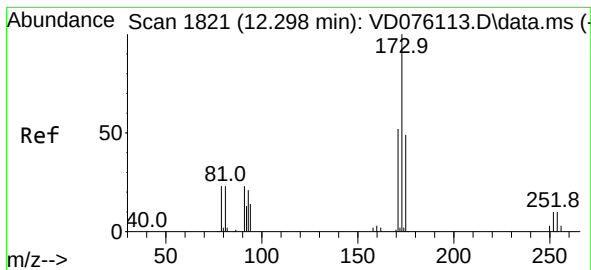
Tgt Ion:106 Resp: 241970
Ion Ratio Lower Upper
106 100
91 194.9 105.7 317.1



#70
Styrene
Concen: 50.438 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion:104 Resp: 422647
Ion Ratio Lower Upper
104 100
78 41.3 40.2 60.4
103 54.6 44.2 66.2





#71

Bromoform

Concen: 45.325 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

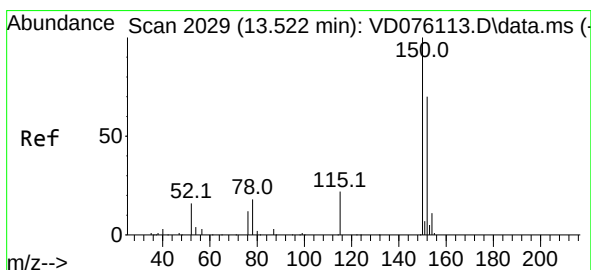
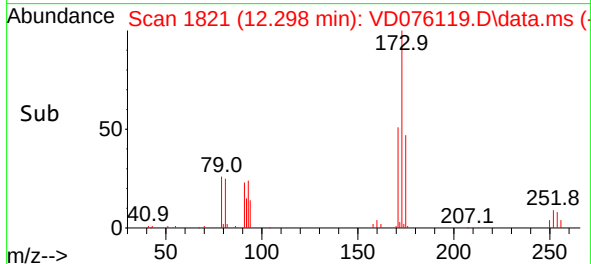
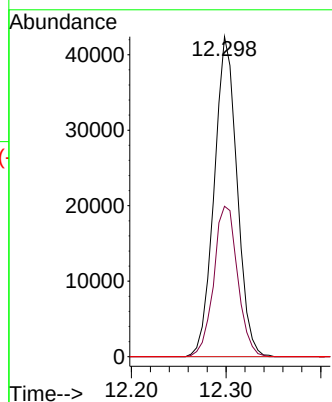
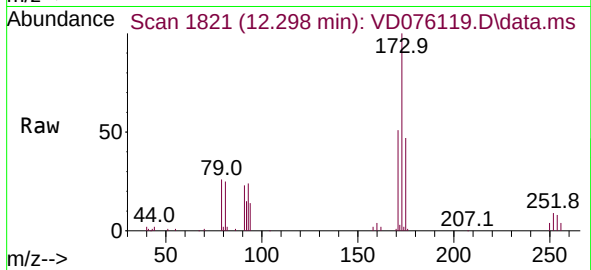
Tgt Ion:173 Resp: 71160

Ion Ratio Lower Upper

173 100

175 49.1 23.5 70.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

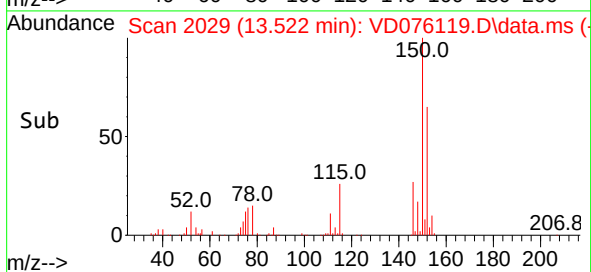
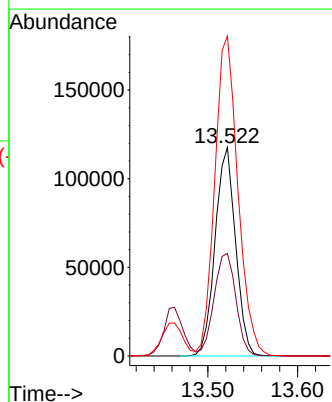
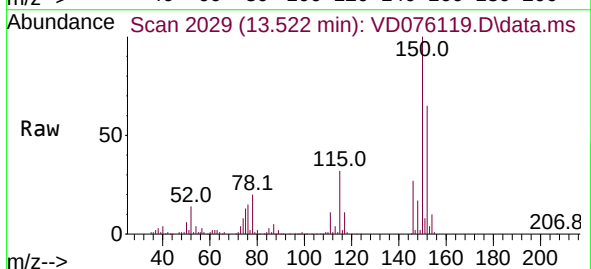
Tgt Ion:152 Resp: 186551

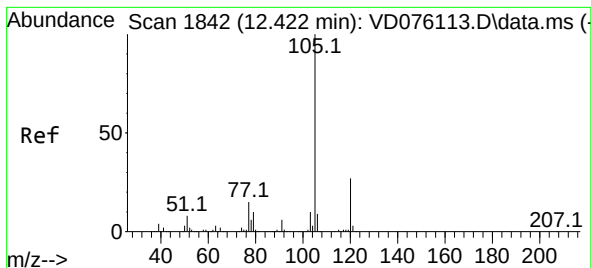
Ion Ratio Lower Upper

152 100

115 52.7 30.1 90.3

150 173.1 0.0 364.8





#73

Isopropylbenzene

Concen: 48.232 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

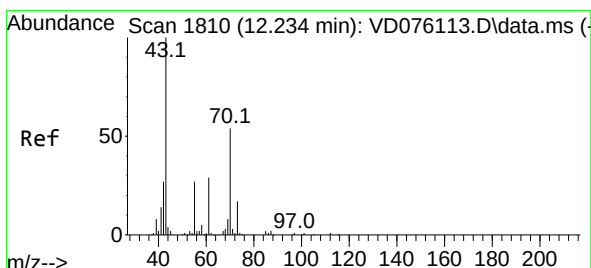
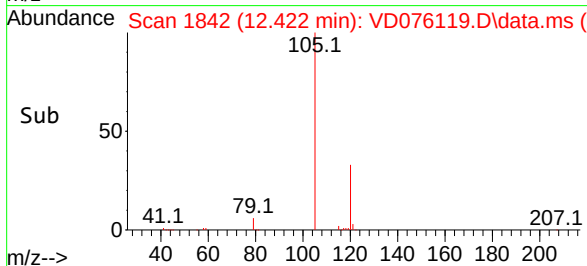
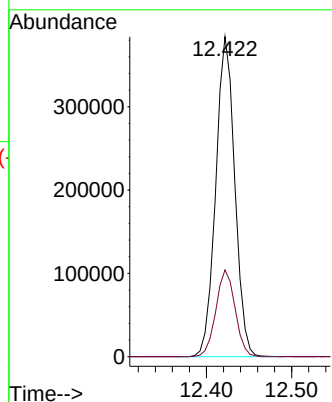
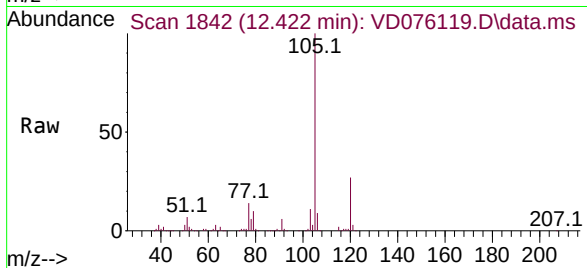
VSTDCCC050

Tgt Ion:105 Resp: 595208

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.1



#74

N-ethyl acetate

Concen: 47.532 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Tgt Ion: 43 Resp: 104480

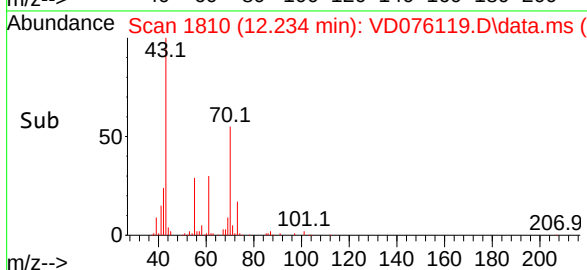
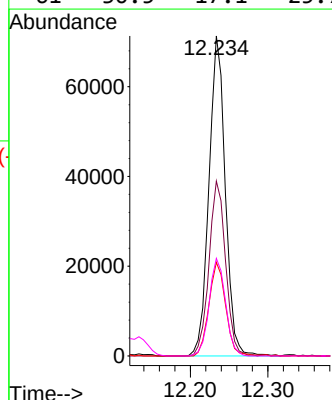
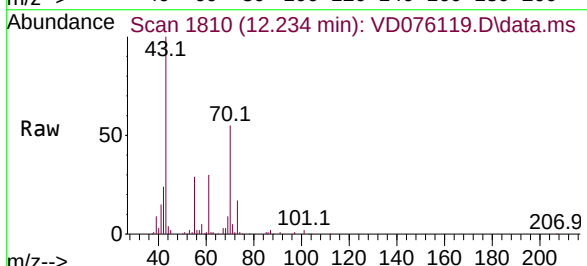
Ion Ratio Lower Upper

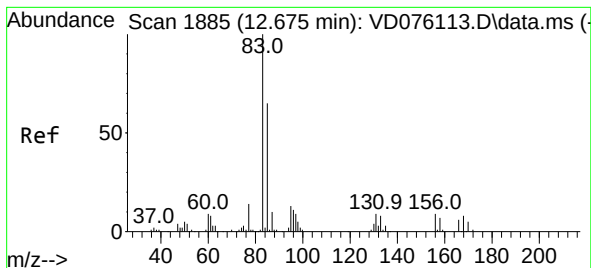
43 100

70 55.5 31.0 46.4#

55 30.1 18.6 28.0#

61 30.5 17.1 25.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 46.977 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

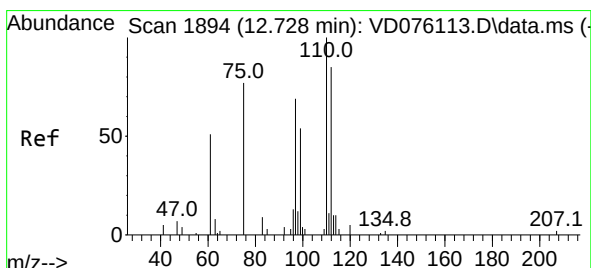
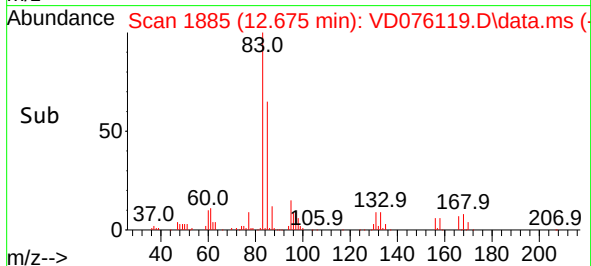
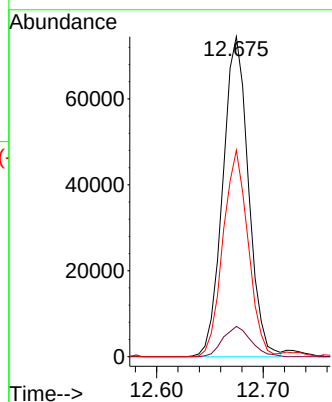
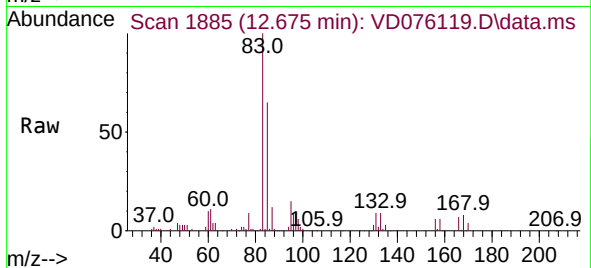
Tgt Ion: 83 Resp: 124597

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.2

85 63.3 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 85.891 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD076119.D

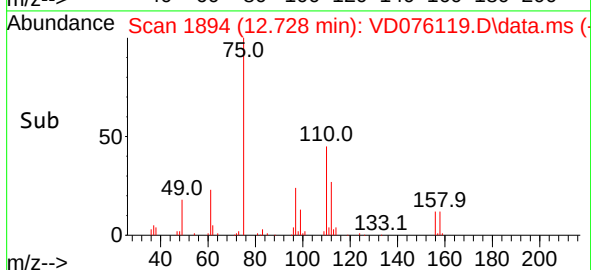
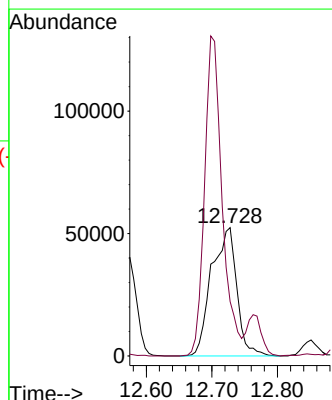
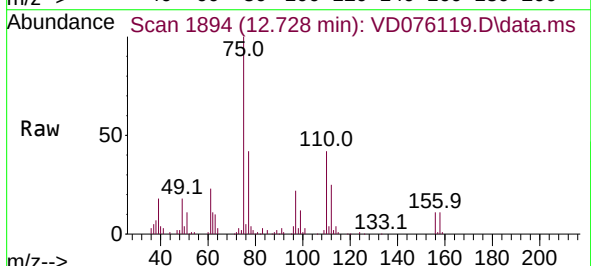
Acq: 17 May 2023 12:24

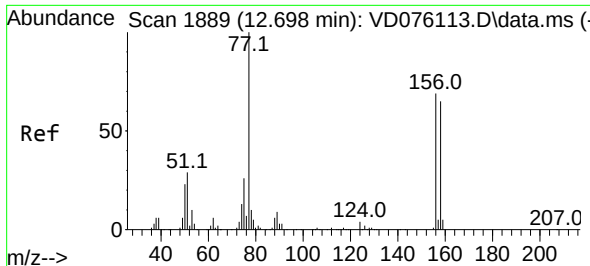
Tgt Ion: 75 Resp: 140216

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

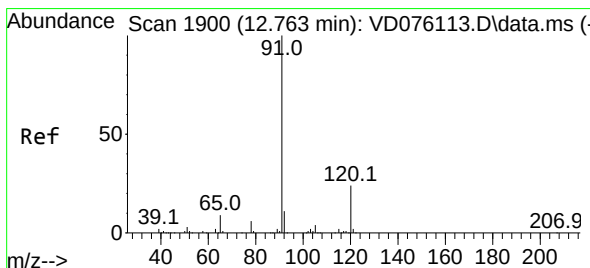
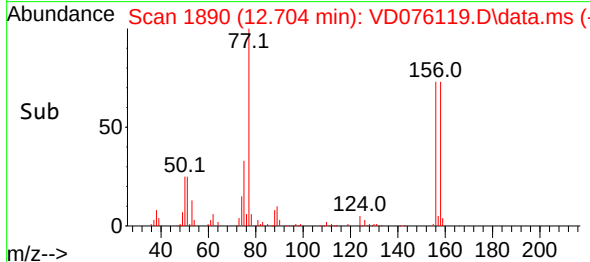
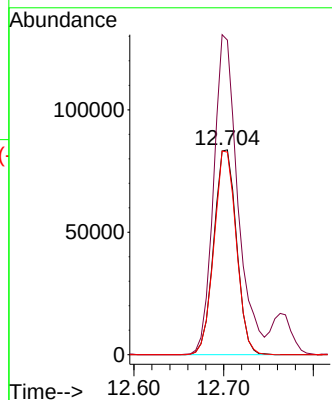
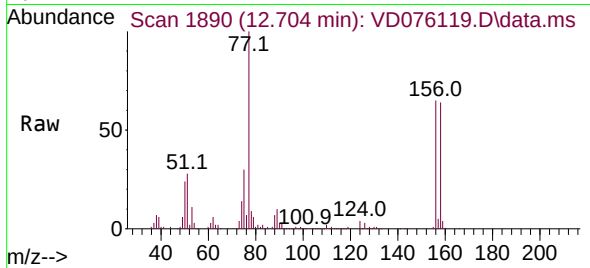




#77
Bromobenzene
Concen: 44.362 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

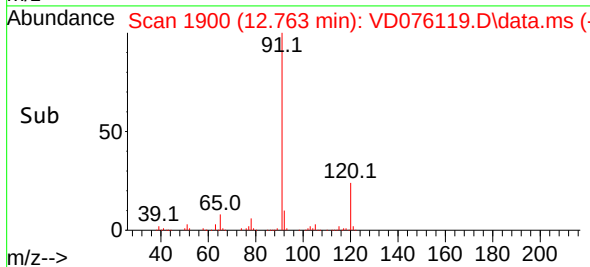
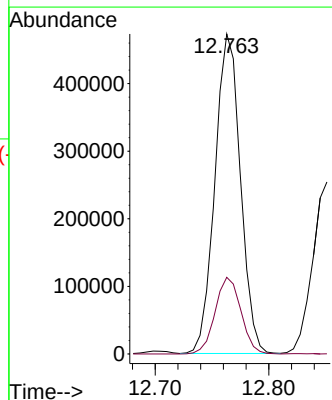
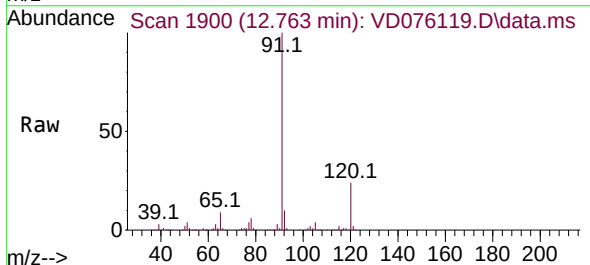
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

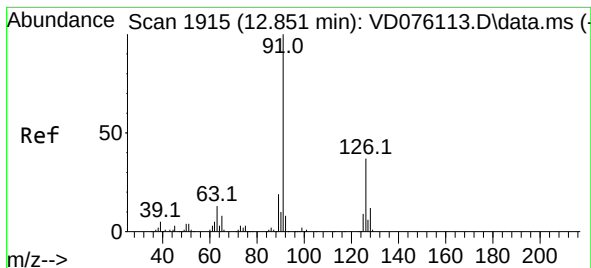
Tgt Ion:156 Resp: 146734
Ion Ratio Lower Upper
156 100
77 166.6 89.5 268.6
158 98.1 47.8 143.4



#78
n-propylbenzene
Concen: 48.003 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion: 91 Resp: 737356
Ion Ratio Lower Upper
91 100
120 24.2 11.4 34.2





#79

2-Chlorotoluene

Concen: 47.469 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

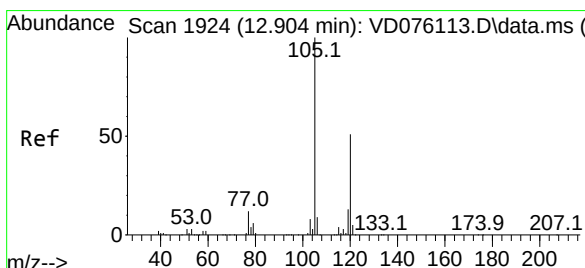
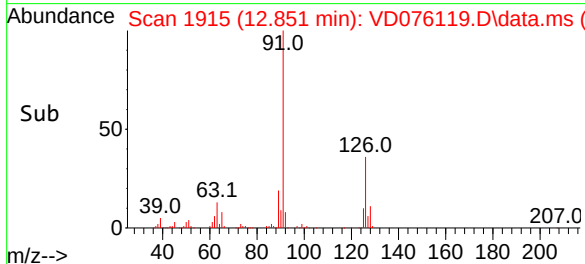
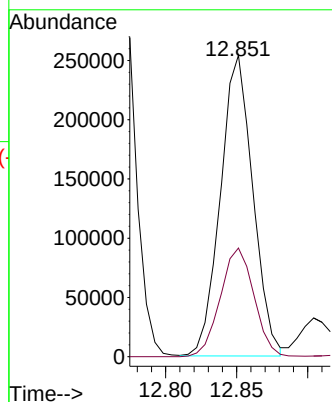
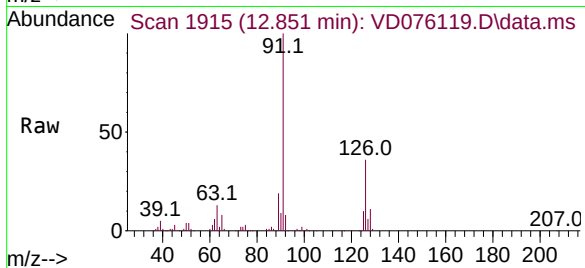
VSTDCCC050

Tgt Ion: 91 Resp: 403552

Ion Ratio Lower Upper

91 100

126 37.5 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 49.232 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076119.D

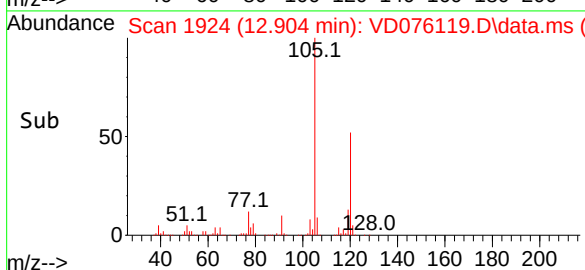
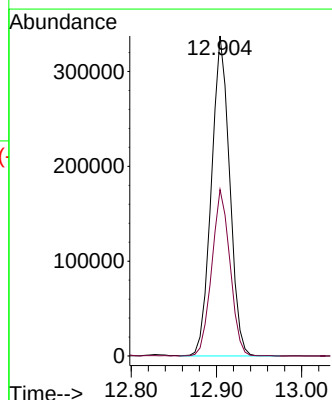
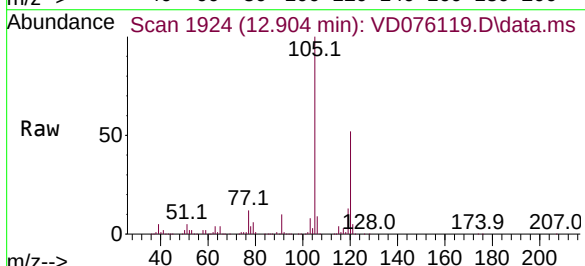
Acq: 17 May 2023 12:24

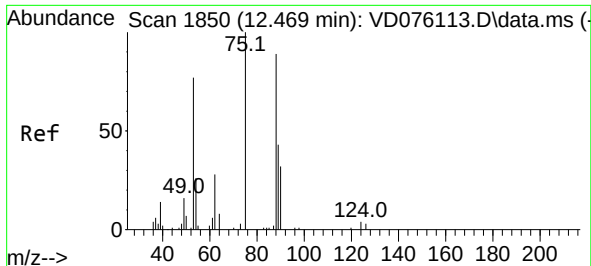
Tgt Ion: 105 Resp: 503651

Ion Ratio Lower Upper

105 100

120 51.9 24.3 72.8

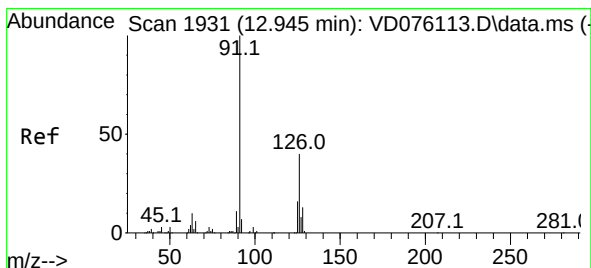
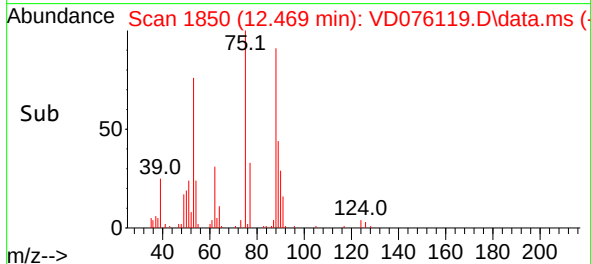
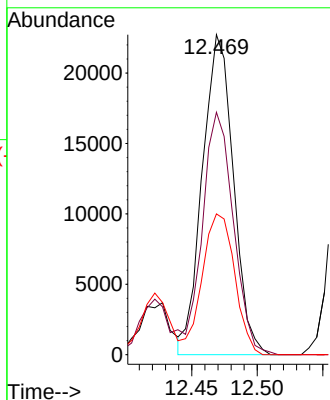
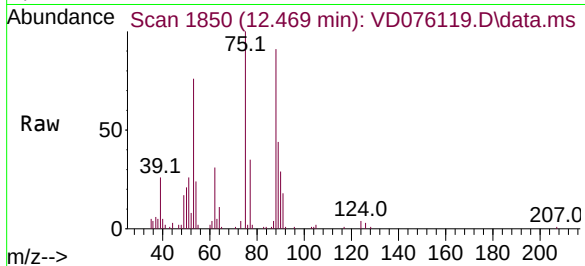




#81
trans-1,4-Dichloro-2-butene
Concen: 47.991 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

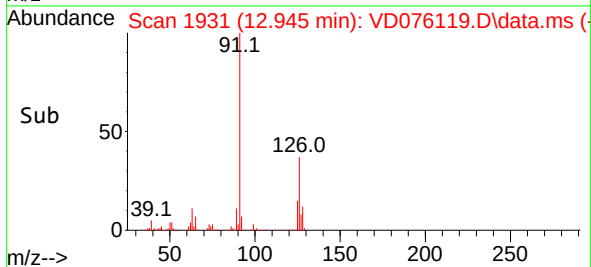
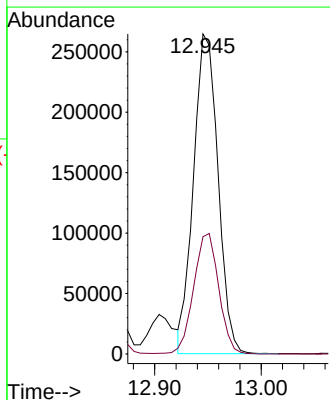
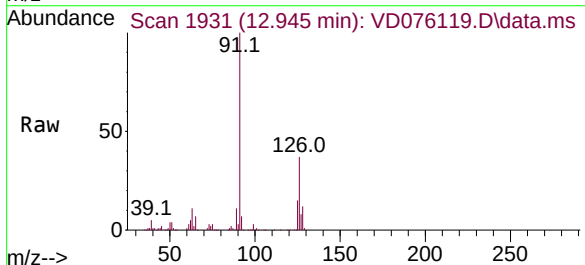
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

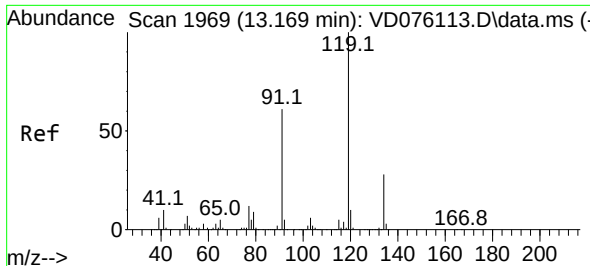
Tgt Ion: 75 Resp: 37345
Ion Ratio Lower Upper
75 100
53 74.5 90.5 135.7#
89 46.4 40.2 60.4



#82
4-Chlorotoluene
Concen: 46.789 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion: 91 Resp: 423091
Ion Ratio Lower Upper
91 100
126 38.7 17.1 51.2

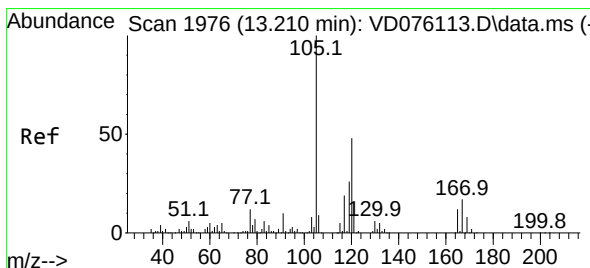
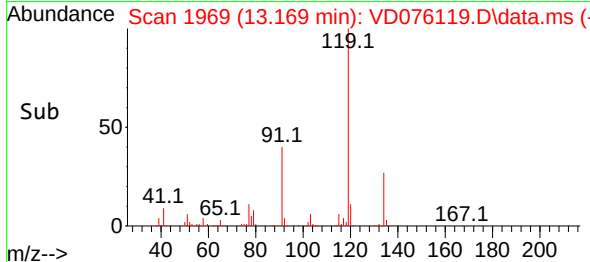
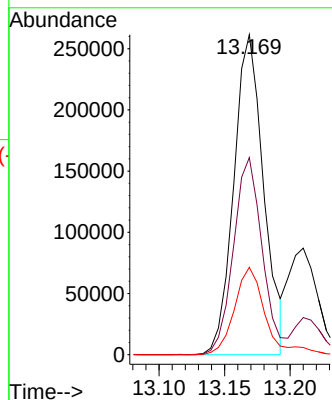
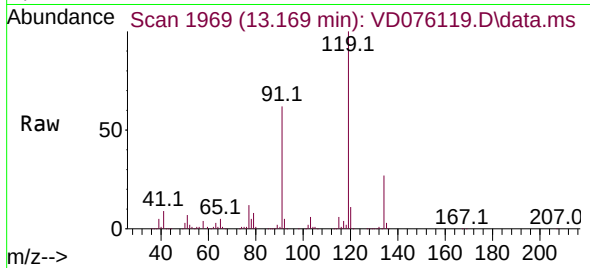




#83
tert-Butylbenzene
Concen: 47.857 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

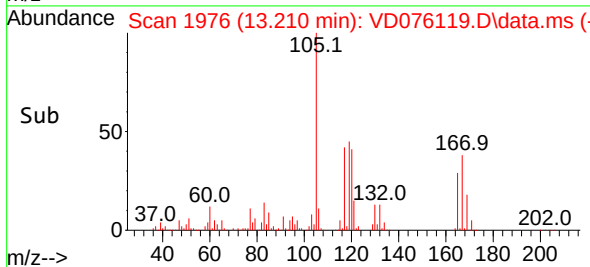
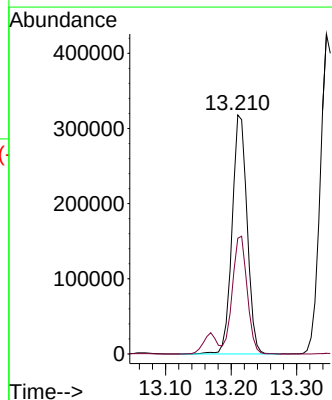
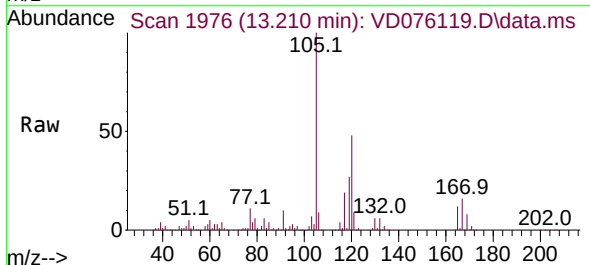
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

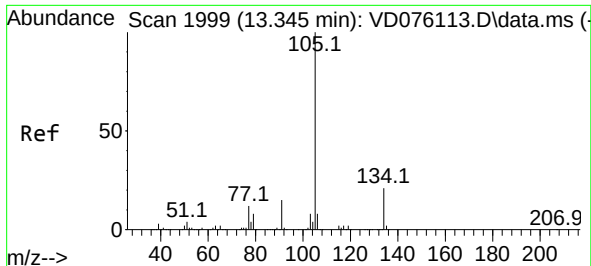
Tgt Ion:119 Resp: 413761
Ion Ratio Lower Upper
119 100
91 60.2 32.4 97.0
134 28.3 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 49.572 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion:105 Resp: 505050
Ion Ratio Lower Upper
105 100
120 48.4 22.3 66.9

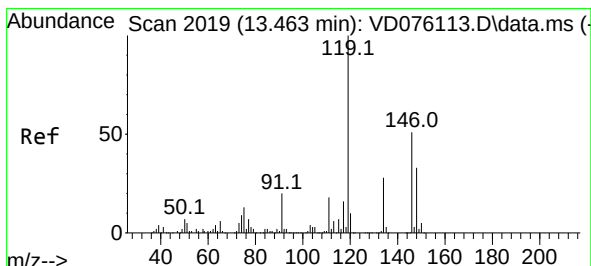
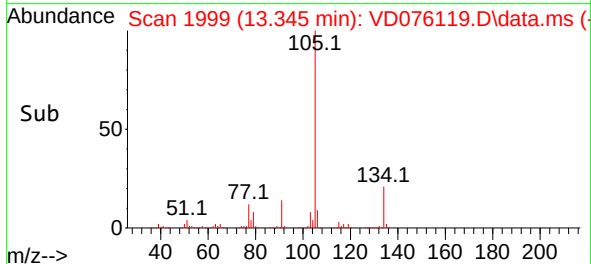
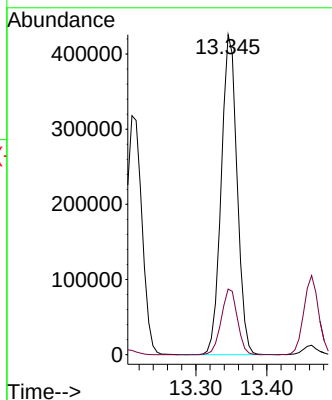
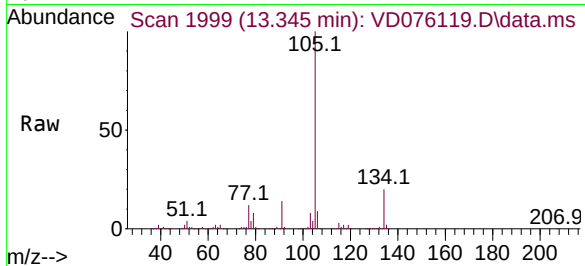




#85
 sec-Butylbenzene
 Concen: 48.762 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076119.D
 Acq: 17 May 2023 12:24

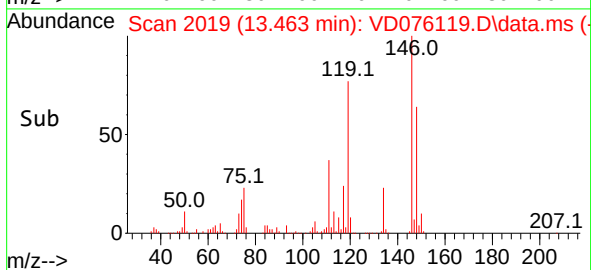
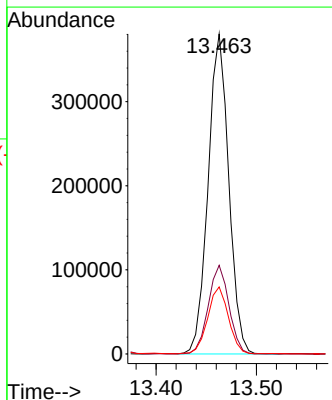
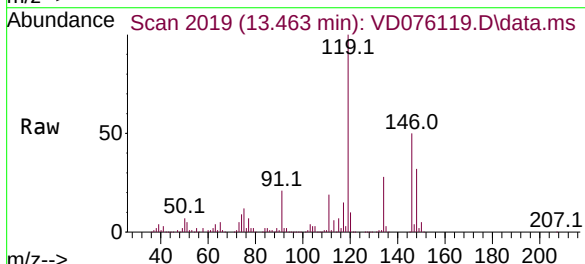
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

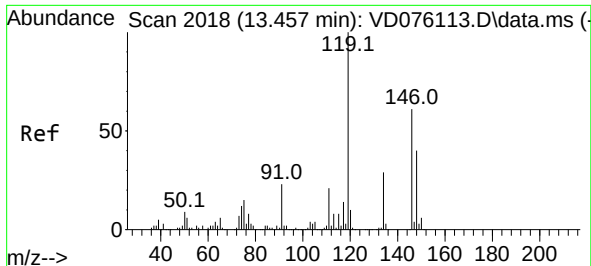
Tgt Ion:105 Resp: 657027
 Ion Ratio Lower Upper
 105 100
 134 20.8 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 49.387 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076119.D
 Acq: 17 May 2023 12:24

Tgt Ion:119 Resp: 544498
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.1 39.3
 91 20.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.586 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

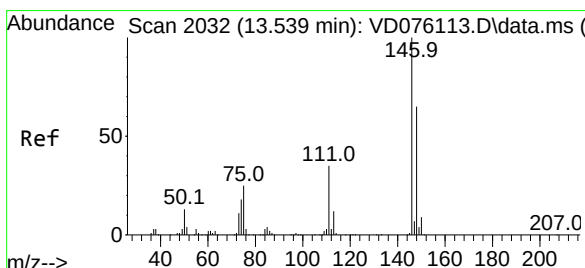
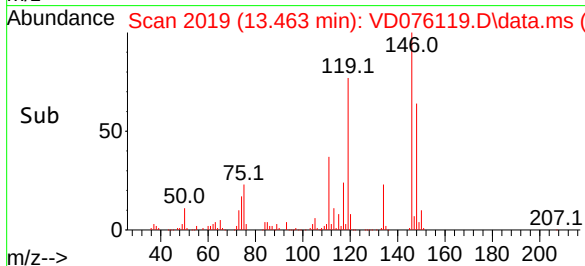
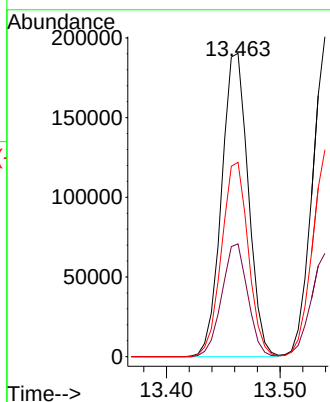
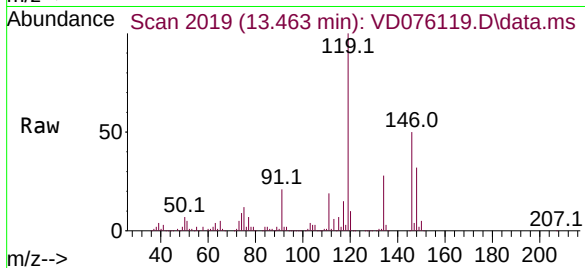
Tgt Ion:146 Resp: 311546

Ion Ratio Lower Upper

146 100

111 36.2 19.8 59.3

148 64.0 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 46.748 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

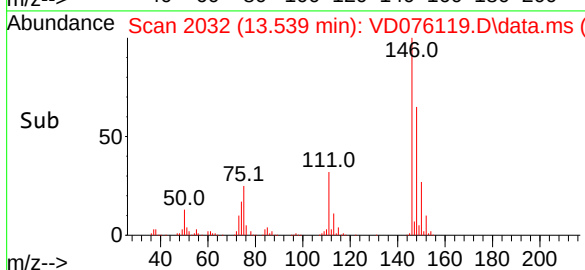
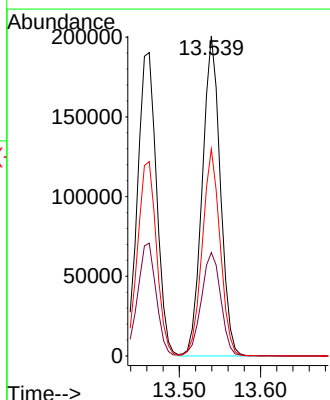
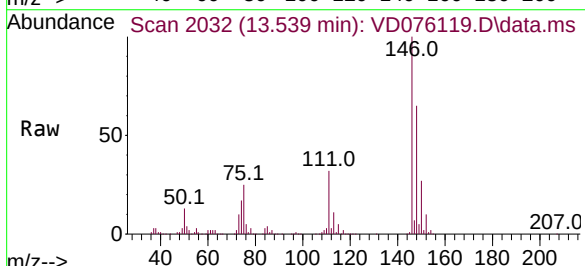
Tgt Ion:146 Resp: 309561

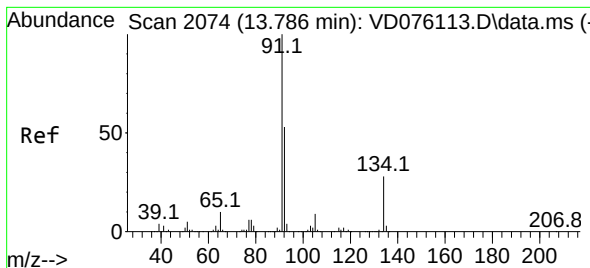
Ion Ratio Lower Upper

146 100

111 34.9 19.6 58.8

148 63.9 31.7 95.1





#89

n-Butylbenzene

Concen: 48.318 ug/l

RT: 13.792 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

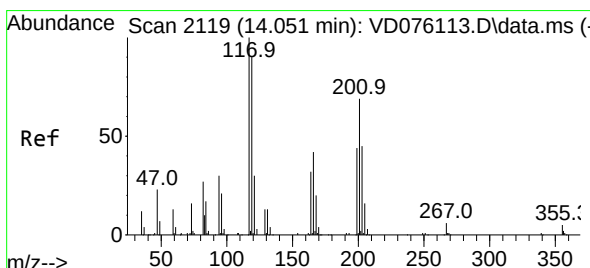
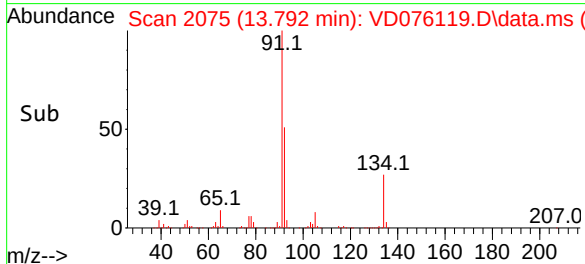
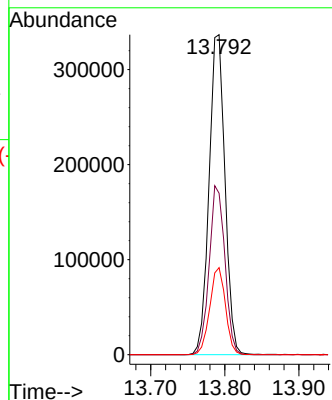
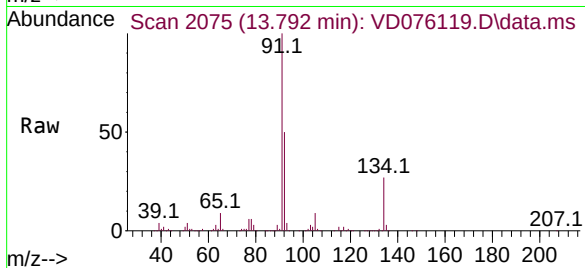
Tgt Ion: 91 Resp: 502017

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.5

134 26.9 12.7 38.0



#90

Hexachloroethane

Concen: 44.999 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD076119.D

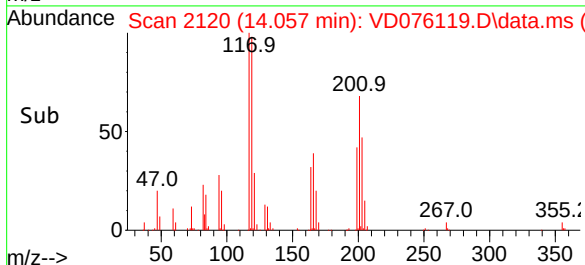
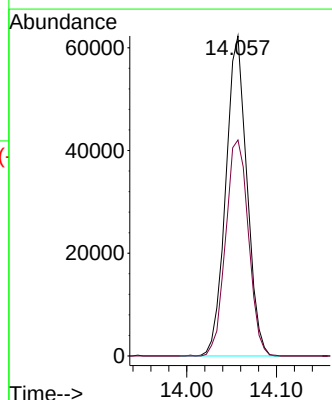
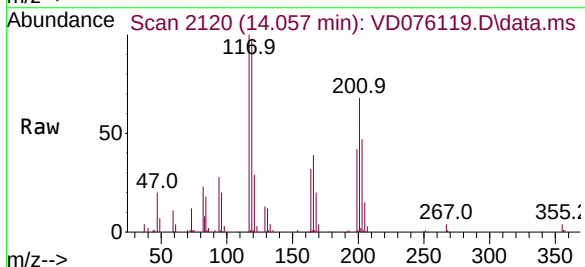
Acq: 17 May 2023 12:24

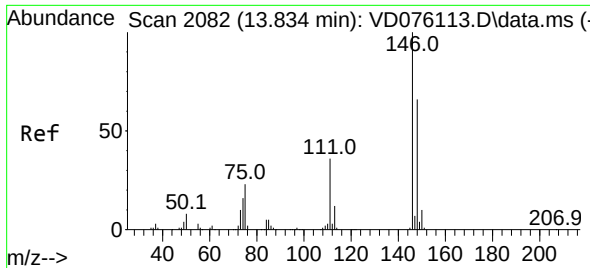
Tgt Ion: 117 Resp: 102050

Ion Ratio Lower Upper

117 100

201 72.6 34.5 103.6

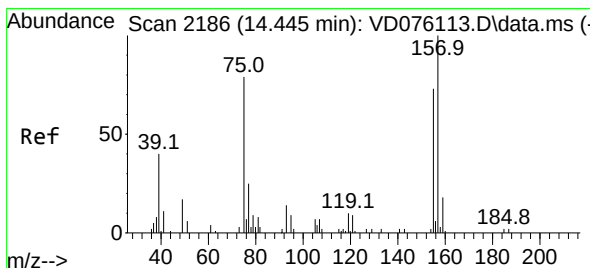
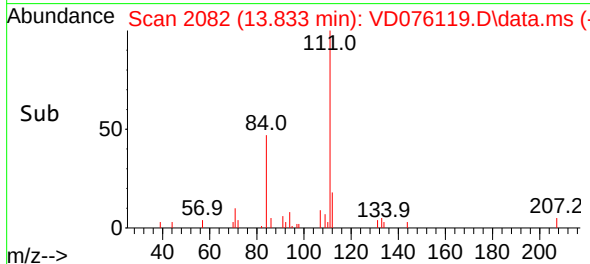
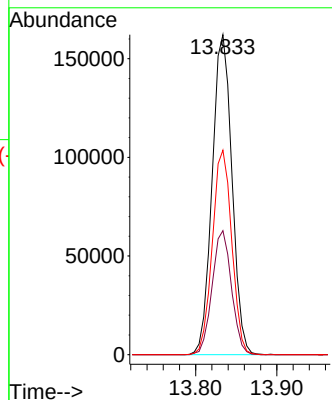
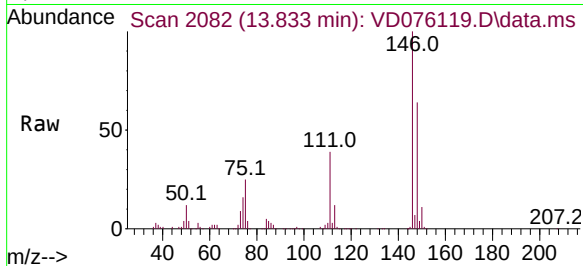




#91
1,2-Dichlorobenzene
Concen: 46.775 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.001 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

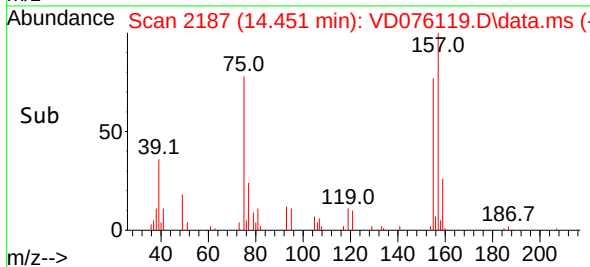
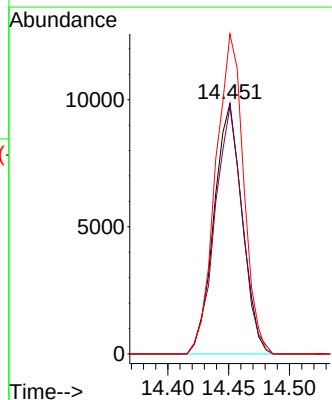
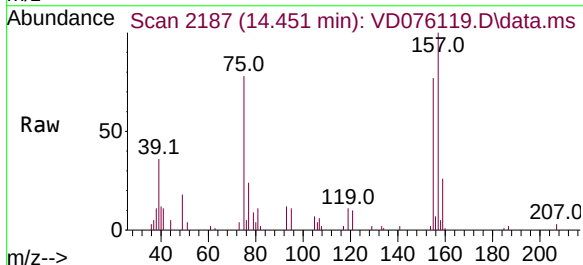
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

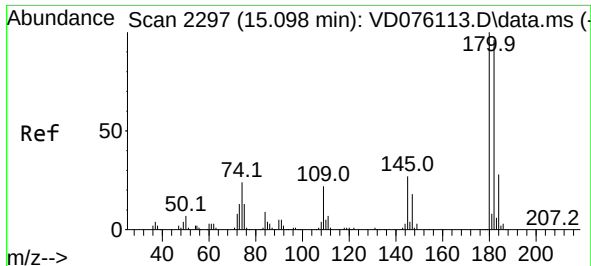
Tgt Ion:146 Resp: 274513
Ion Ratio Lower Upper
146 100
111 37.9 20.6 61.8
148 62.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.888 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion: 75 Resp: 15803
Ion Ratio Lower Upper
75 100
155 96.8 39.5 118.5
157 126.7 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 44.663 ug/l

RT: 15.104 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

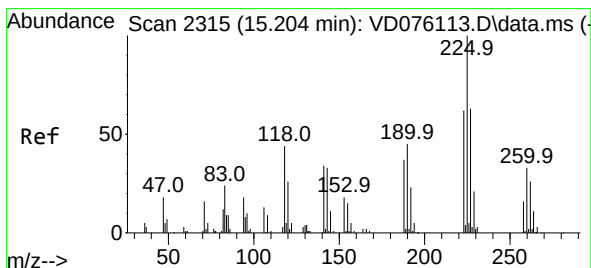
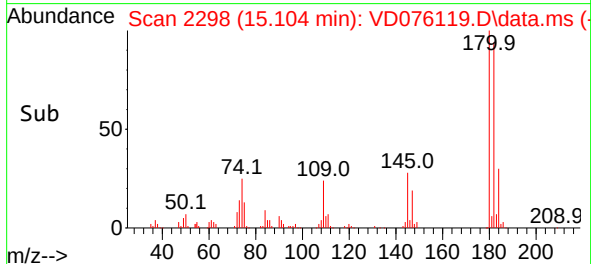
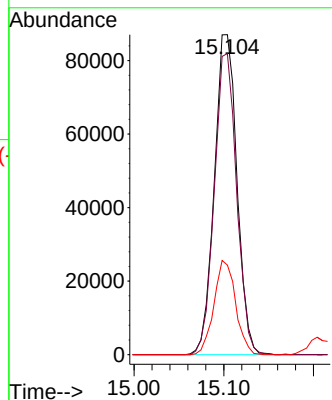
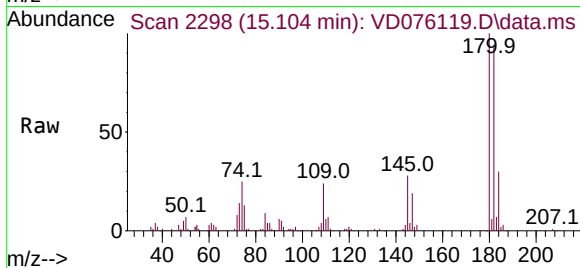
Tgt Ion:180 Resp: 152470

Ion Ratio Lower Upper

180 100

182 92.7 47.9 143.7

145 28.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 41.350 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076119.D

Acq: 17 May 2023 12:24

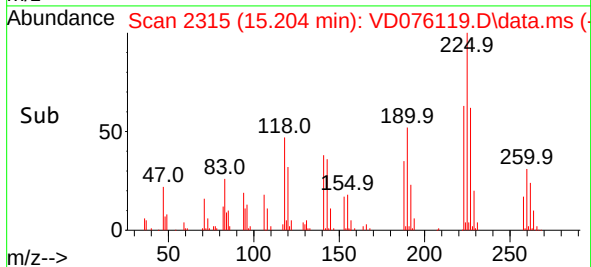
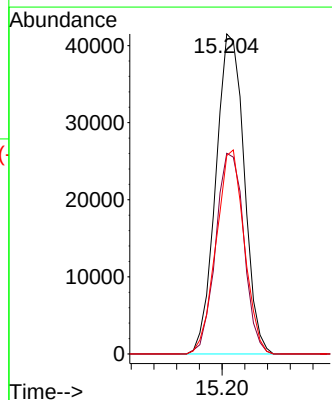
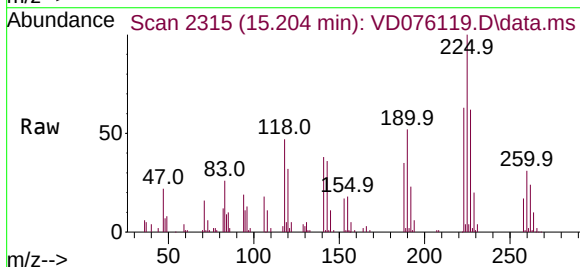
Tgt Ion:225 Resp: 71973

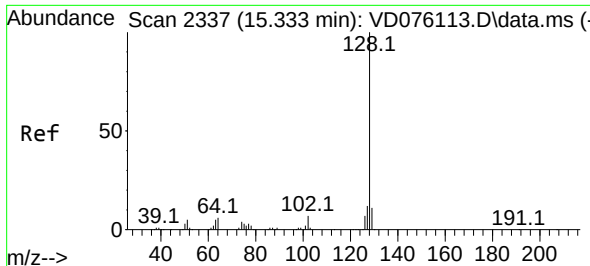
Ion Ratio Lower Upper

225 100

223 62.5 33.1 99.2

227 63.1 31.9 95.9

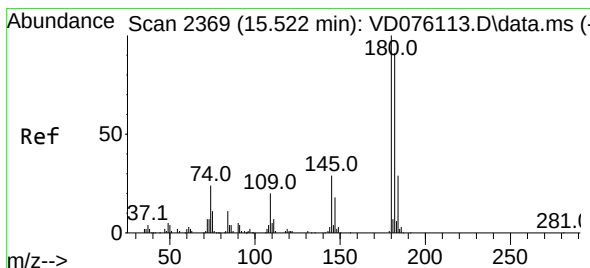
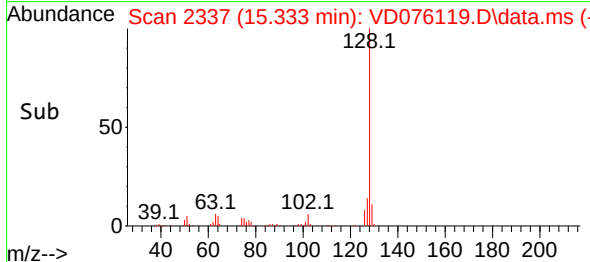
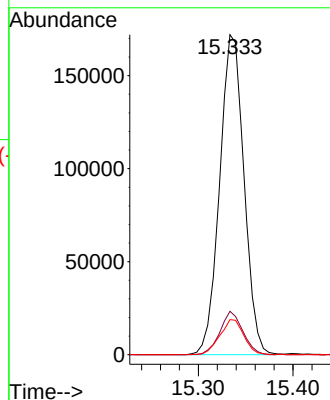
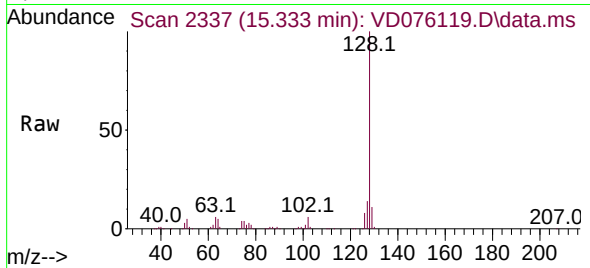




#95
Naphthalene
Concen: 48.471 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 307454
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 43.240 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD076119.D
Acq: 17 May 2023 12:24

Tgt Ion:180 Resp: 134247
Ion Ratio Lower Upper
180 100
182 96.6 47.7 143.1
145 31.7 16.4 49.4

