

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
 Data File : VD076783.D
 Acq On : 19 Jul 2023 11:11
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 20 04:56:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	172168	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	312580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	282852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	136560	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	82589	48.161	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.320%
35) Dibromofluoromethane	7.804	113	98844	50.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.640%
50) Toluene-d8	10.269	98	335396	47.730	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.460%
62) 4-Bromofluorobenzene	12.575	95	110576	48.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.280%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	69572	51.675	ug/l	99
3) Chloromethane	2.146	50	105649	45.490	ug/l	100
4) Vinyl Chloride	2.281	62	159958	51.667	ug/l	96
5) Bromomethane	2.687	94	128468	50.434	ug/l	99
6) Chloroethane	2.834	64	119456	51.105	ug/l	99
7) Trichlorofluoromethane	3.169	101	154524	56.093	ug/l	95
8) Diethyl Ether	3.587	74	50976	53.746	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.958	101	101099	55.831	ug/l	97
10) Methyl Iodide	4.158	142	107555	52.691	ug/l	91
11) Tert butyl alcohol	5.058	59	32074	250.648	ug/l	# 85
12) 1,1-Dichloroethene	3.934	96	90849	53.400	ug/l	92
13) Acrolein	3.799	56	26313	301.744	ug/l	95
14) Allyl chloride	4.558	41	113341	50.714	ug/l	92
15) Acrylonitrile	5.252	53	118970	255.391	ug/l	99
16) Acetone	4.022	43	110625	270.119	ug/l	# 85
17) Carbon Disulfide	4.263	76	199931	50.315	ug/l	97
18) Methyl Acetate	4.563	43	81010	52.648	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	242333	53.116	ug/l	98
20) Methylene Chloride	4.793	84	130022	54.178	ug/l	99
21) trans-1,2-Dichloroethene	5.305	96	102660	51.912	ug/l	97
22) Diisopropyl ether	6.216	45	290464	54.885	ug/l	98
23) Vinyl Acetate	6.152	43	699880	267.281	ug/l	95
24) 1,1-Dichloroethane	6.110	63	193780	54.307	ug/l	98
25) 2-Butanone	7.075	43	148466	270.869	ug/l	90
26) 2,2-Dichloropropane	7.075	77	166745	54.211	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	132238	54.243	ug/l	96
28) Bromochloromethane	7.428	49	44006	49.329	ug/l	83
29) Tetrahydrofuran	7.446	42	85473	263.933	ug/l	91
30) Chloroform	7.593	83	212954	54.489	ug/l	93
31) Cyclohexane	7.875	56	128781	51.028	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	178464	56.598	ug/l	96
36) 1,1-Dichloropropene	8.004	75	142898	55.672	ug/l	96
37) Ethyl Acetate	7.163	43	62768	54.681	ug/l	97
38) Carbon Tetrachloride	7.987	117	141835	57.710	ug/l	96
39) Methylcyclohexane	9.275	83	162517	54.835	ug/l	92
40) Benzene	8.246	78	433819	53.566	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	31612	45.098	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	114340	54.336	ug/l	98
43) Isopropyl Acetate	8.357	43	118679	52.977	ug/l	93
44) Trichloroethene	9.028	130	115010	52.113	ug/l	86
45) 1,2-Dichloropropane	9.304	63	113491	54.287	ug/l	97
46) Dibromomethane	9.393	93	65129	53.223	ug/l	91
47) Bromodichloromethane	9.581	83	167383	54.507	ug/l	95
48) Methyl methacrylate	9.381	41	51975	50.976	ug/l #	85
49) 1,4-Dioxane	9.387	88	14384	917.450	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	322498	270.379	ug/l	93
52) Toluene	10.334	92	283236	53.248	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	153964	54.017	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	183407	54.598	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	95141	53.243	ug/l	92
56) Ethyl methacrylate	10.598	69	111158	53.896	ug/l #	89
57) 1,3-Dichloropropane	10.875	76	152516	52.410	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	191812	240.265	ug/l	96
59) 2-Hexanone	10.922	43	231536	272.048	ug/l	95
60) Dibromochloromethane	11.075	129	114899	55.350	ug/l	99
61) 1,2-Dibromoethane	11.181	107	87464	52.795	ug/l	99
64) Tetrachloroethene	10.810	164	87764	54.415	ug/l #	90
65) Chlorobenzene	11.610	112	314491	55.283	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	118000	55.714	ug/l	97
67) Ethyl Benzene	11.681	91	552202	55.272	ug/l	97
68) m/p-Xylenes	11.792	106	433457	112.969	ug/l	93
69) o-Xylene	12.122	106	203591	54.870	ug/l	91
70) Styrene	12.134	104	355920	54.797	ug/l	98
71) Bromoform	12.298	173	65435	56.411	ug/l #	96
73) Isopropylbenzene	12.422	105	538344	54.336	ug/l	96
74) N-amyl acetate	12.234	43	112134	53.723	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	110174	51.791	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	58138m	44.767	ug/l	
77) Bromobenzene	12.698	156	120208	52.563	ug/l	85
78) n-propylbenzene	12.763	91	660799	55.015	ug/l	96
79) 2-Chlorotoluene	12.851	91	354682	53.855	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	435070	54.307	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	32793	53.741	ug/l	97
82) 4-Chlorotoluene	12.945	91	376703	54.752	ug/l	94
83) tert-Butylbenzene	13.169	119	387599	54.948	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	441346	53.910	ug/l	95
85) sec-Butylbenzene	13.345	105	600697	55.738	ug/l	95
86) p-Isopropyltoluene	13.463	119	491257	55.195	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	249667	53.077	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	243151	52.761	ug/l	97
89) n-Butylbenzene	13.787	91	472002	54.194	ug/l	98
90) Hexachloroethane	14.051	117	94939	57.697	ug/l	84
91) 1,2-Dichlorobenzene	13.834	146	219413	52.936	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15030	49.553	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	136508	53.946	ug/l	96
94) Hexachlorobutadiene	15.204	225	61255	50.333	ug/l	96
95) Naphthalene	15.333	128	281861	51.444	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	121922	53.691	ug/l	98

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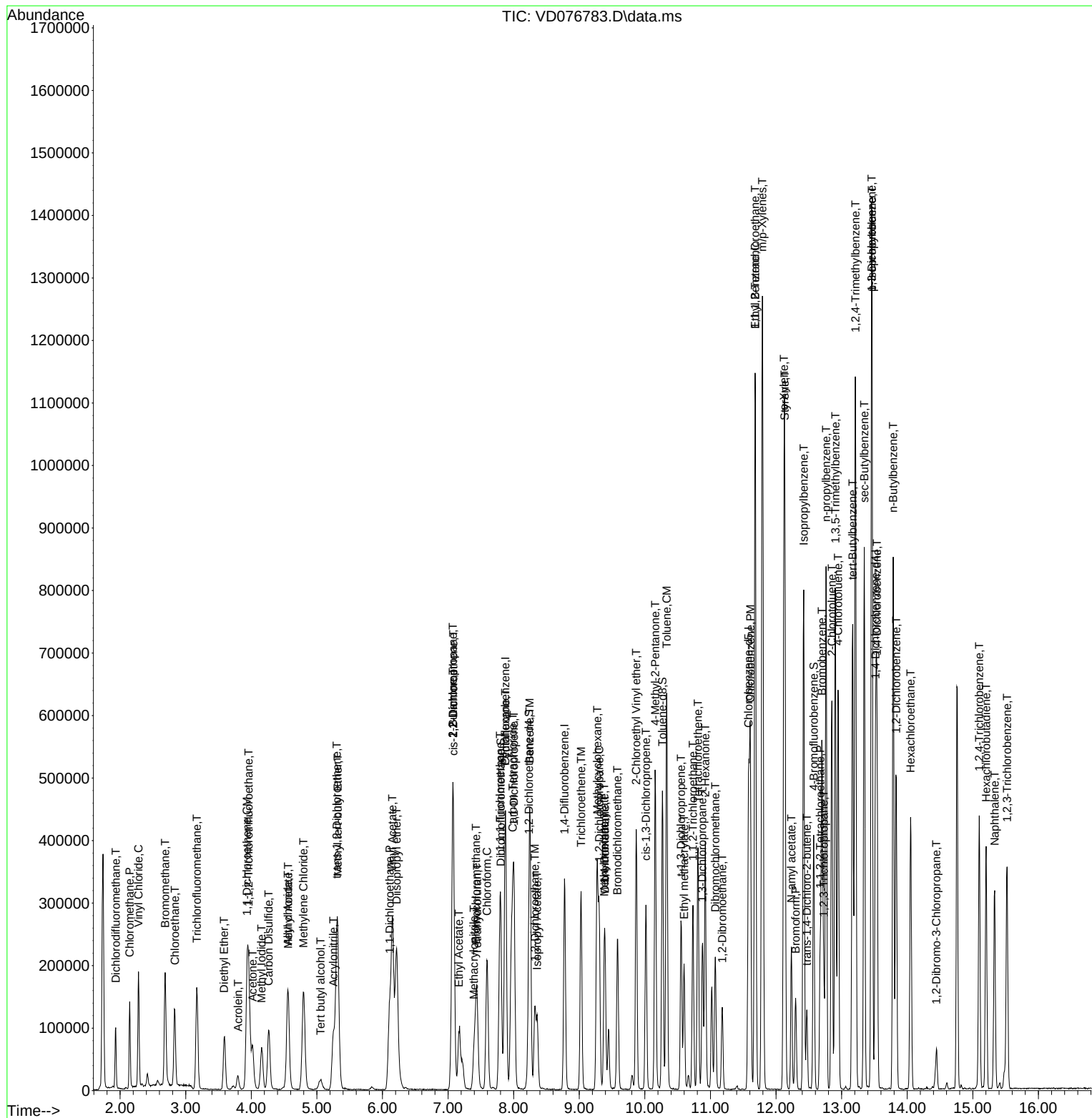
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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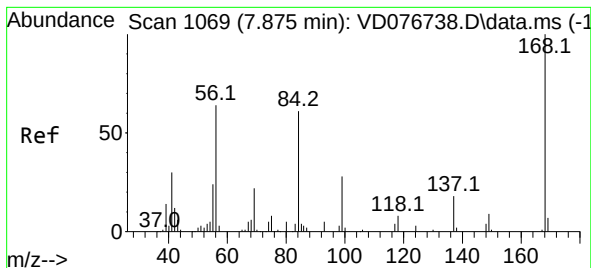
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076783.D

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Instrument :

MSVOA_D

ClientSampleId :

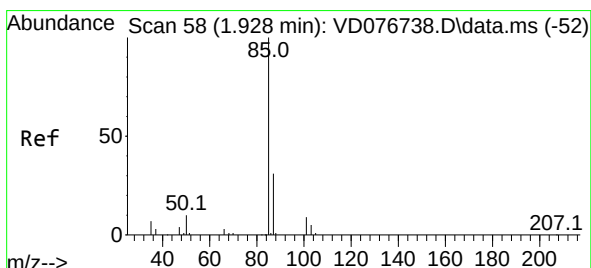
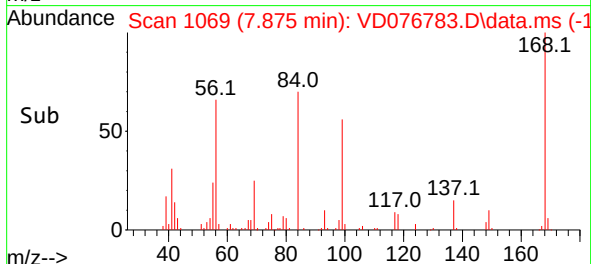
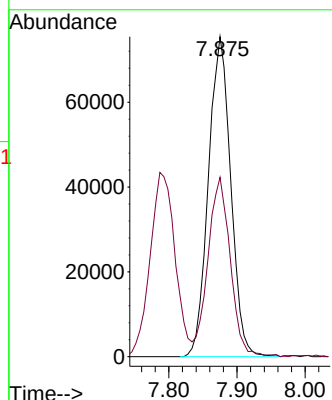
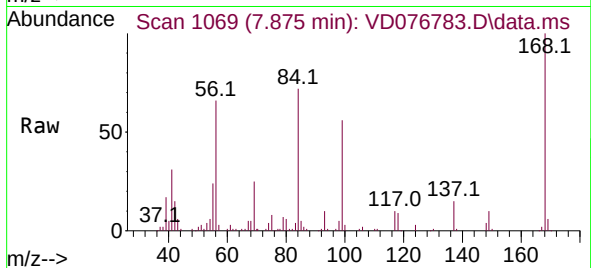
VSTDCCC050

Tgt Ion:168 Resp: 172168

Ion Ratio Lower Upper

168 100

99 56.1 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 51.675 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD076783.D

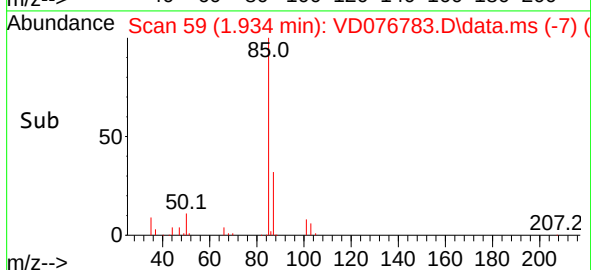
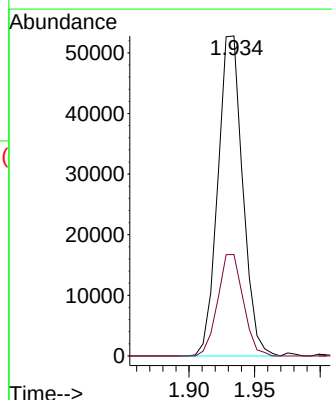
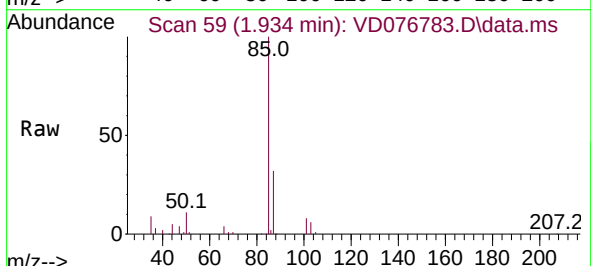
Acq: 19 Jul 2023 11:11

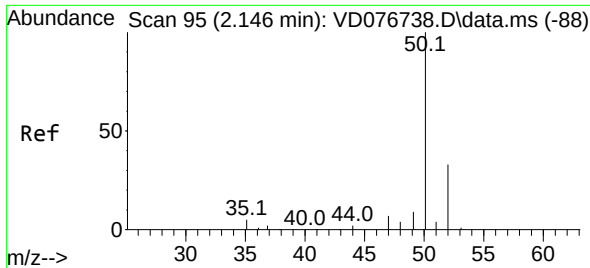
Tgt Ion: 85 Resp: 69572

Ion Ratio Lower Upper

85 100

87 31.7 15.7 47.0

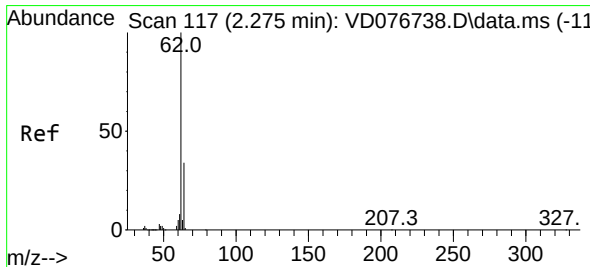
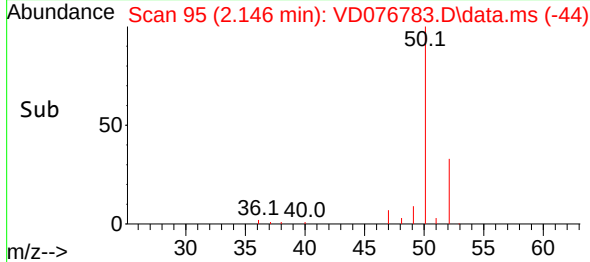
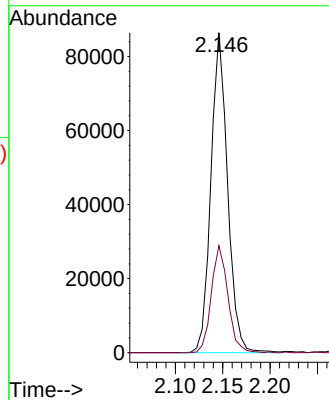
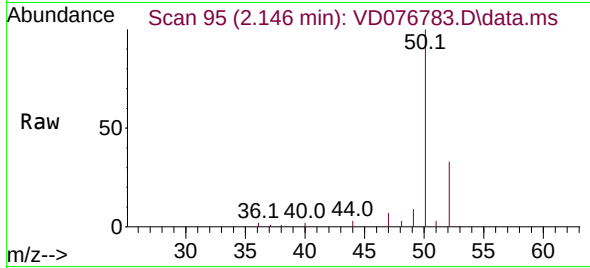




#3
Chloromethane
Concen: 45.490 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076783.D
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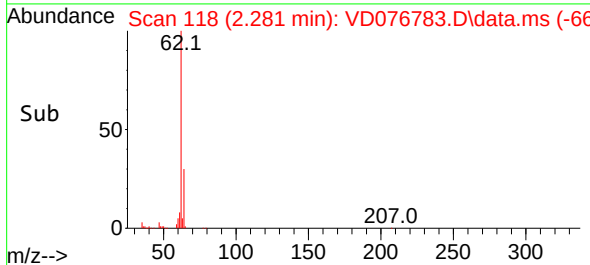
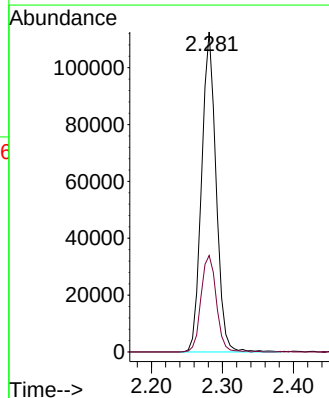
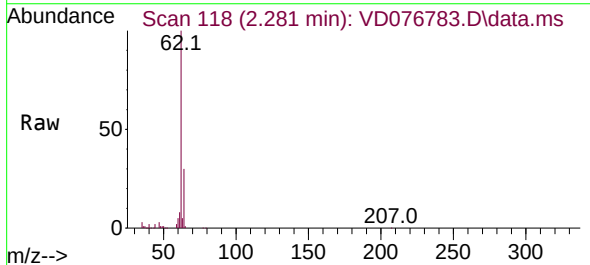
Instrument :
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ClientSampleId :
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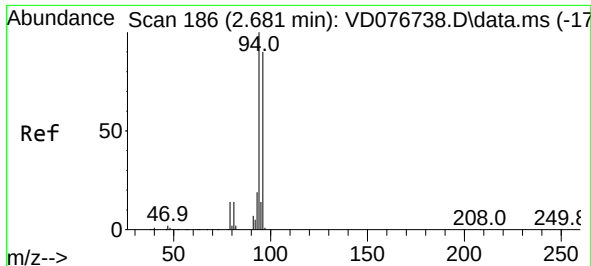
Tgt Ion: 50 Resp: 105649
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0



#4
Vinyl Chloride
Concen: 51.667 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion: 62 Resp: 159958
Ion Ratio Lower Upper
62 100
64 30.1 26.0 39.0

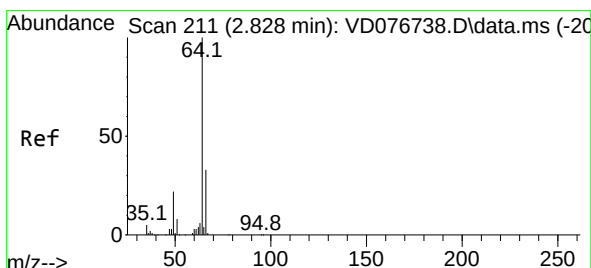
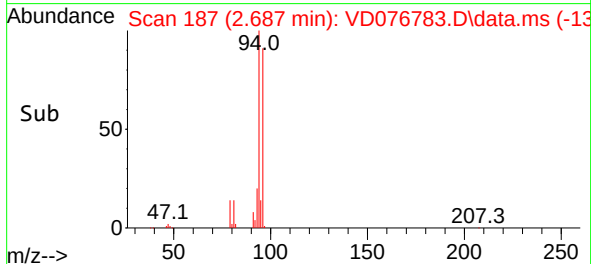
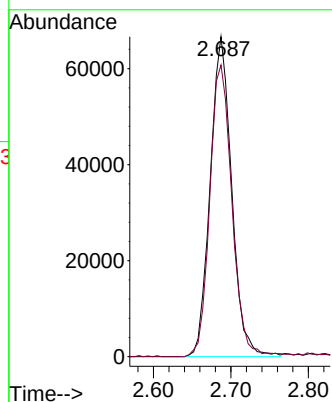
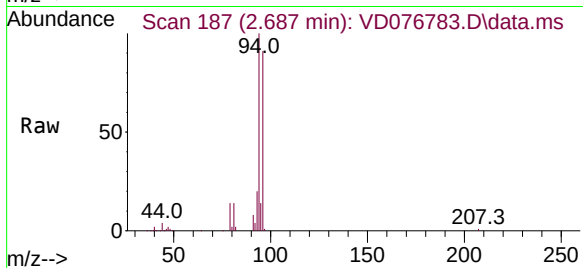




#5
Bromomethane
Concen: 50.434 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076783.D
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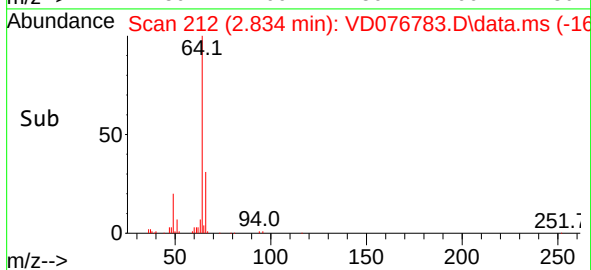
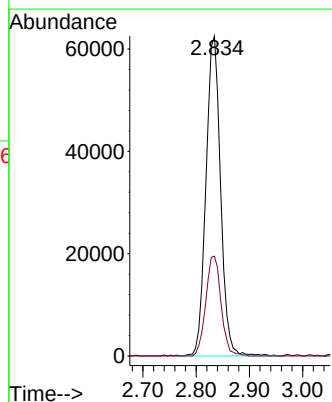
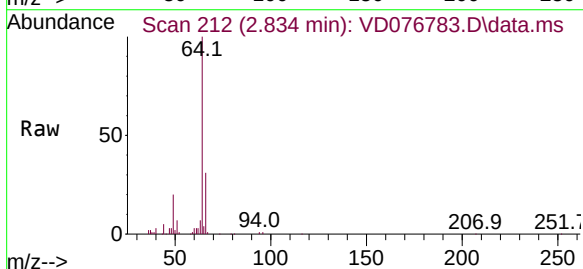
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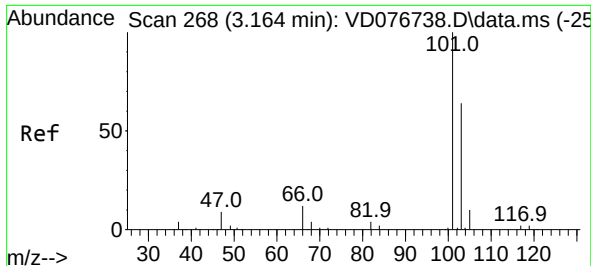
Tgt Ion: 94 Resp: 128468
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.8



#6
Chloroethane
Concen: 51.105 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion: 64 Resp: 119456
Ion Ratio Lower Upper
64 100
66 31.2 25.5 38.3

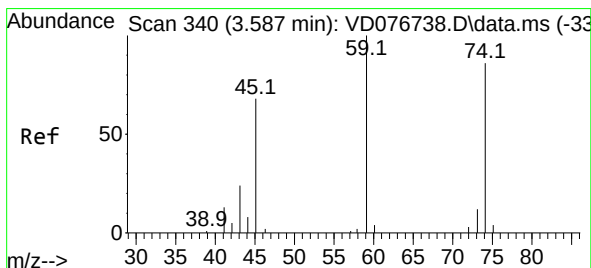
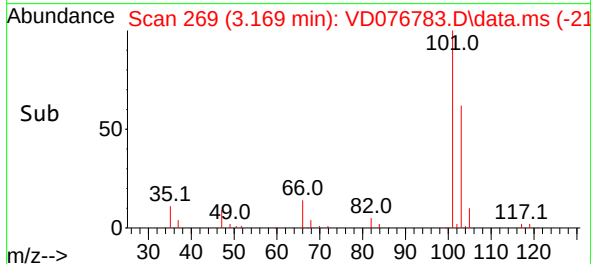
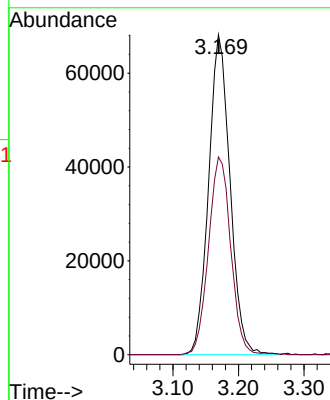
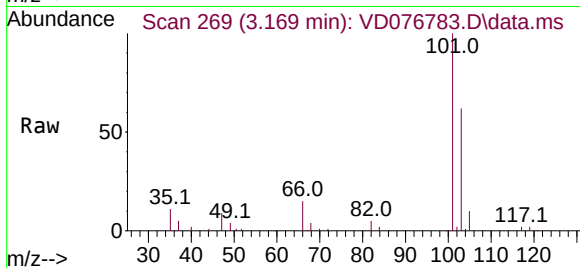




#7
 Trichlorofluoromethane
 Concen: 56.093 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. 0.005 min
 Lab File: VD076783.D
 Acq: 19 Jul 2023 11:11

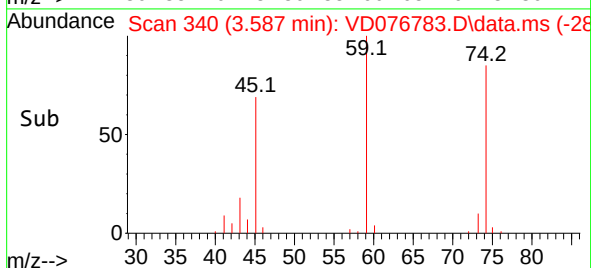
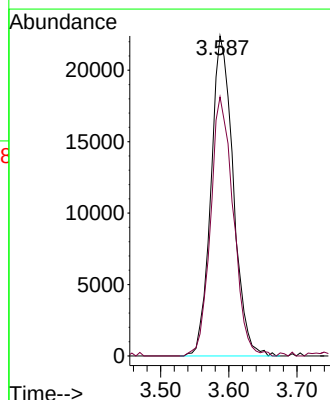
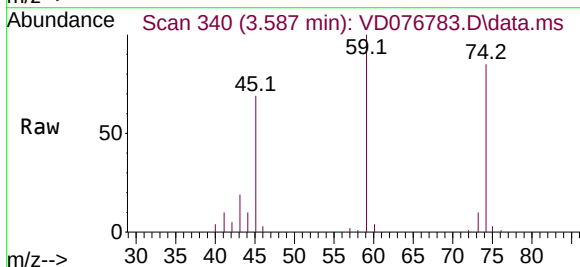
Instrument :
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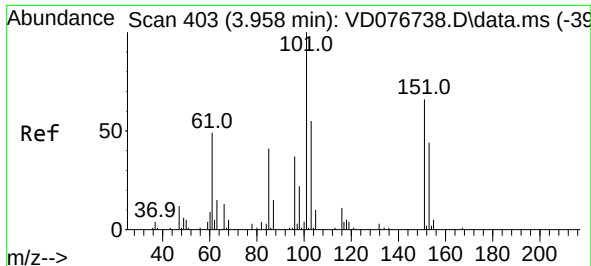
Tgt Ion:101 Resp: 154524
 Ion Ratio Lower Upper
 101 100
 103 61.8 52.3 78.5



#8
 Diethyl Ether
 Concen: 53.746 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 50976
 Ion Ratio Lower Upper
 74 100
 45 82.7 37.5 112.7

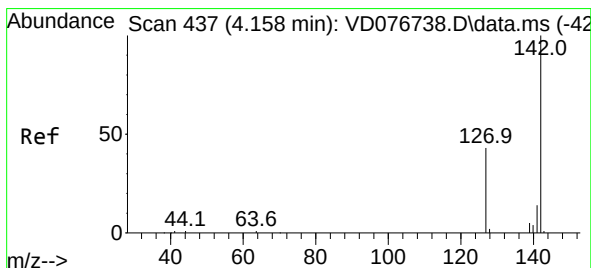
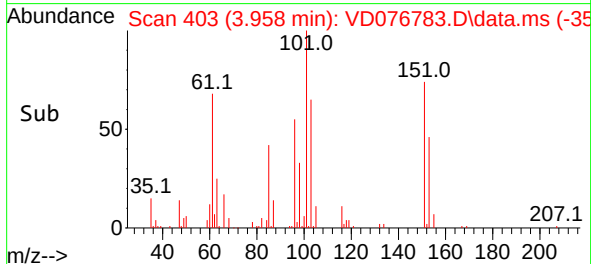
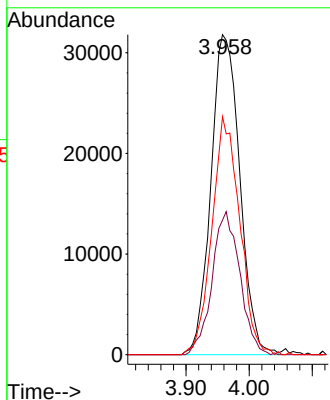
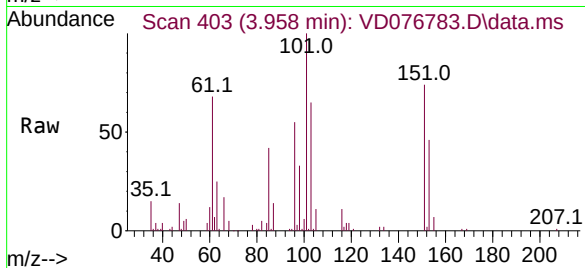




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.831 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

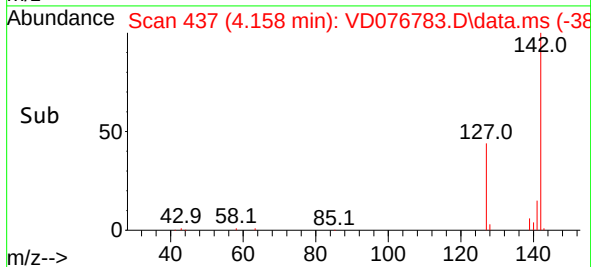
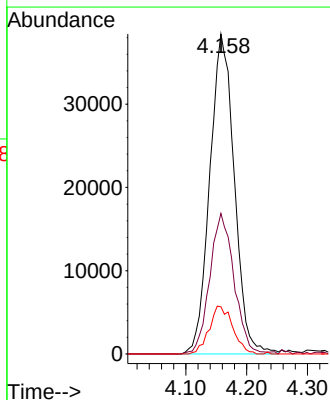
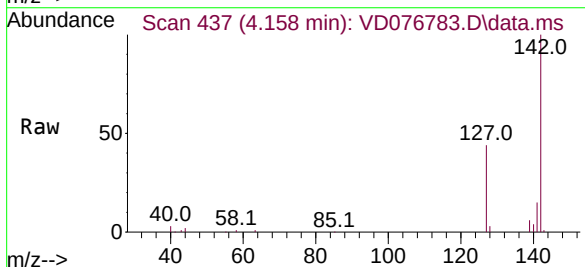
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

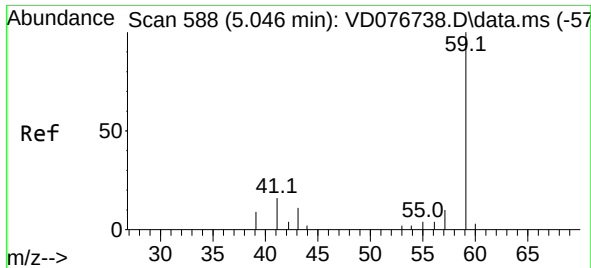
Tgt Ion:	101	Resp:	101099
Ion	Ratio	Lower	Upper
101	100		
85	43.0	33.8	50.6
151	71.6	59.8	89.6



#10
Methyl Iodide
Concen: 52.691 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion:	142	Resp:	107555
Ion	Ratio	Lower	Upper
142	100		
127	43.6	29.4	44.0
141	14.4	11.1	16.7

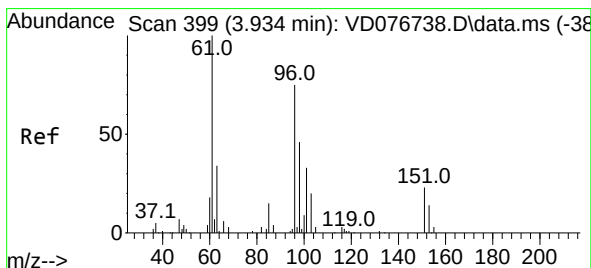
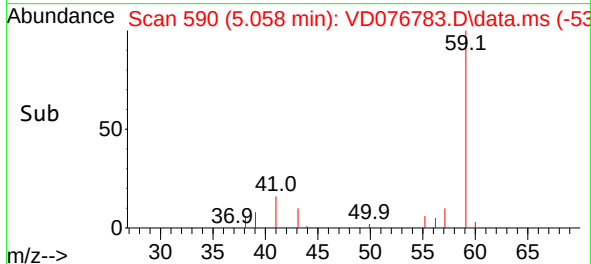
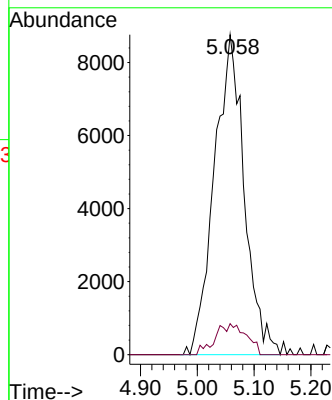
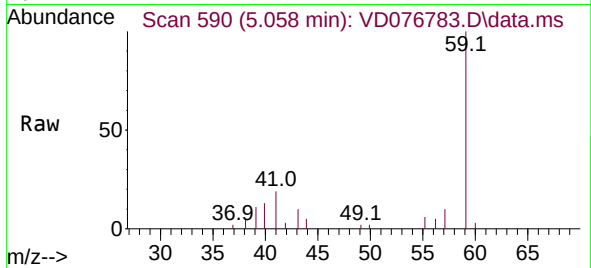




#11
Tert butyl alcohol
Concen: 250.648 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

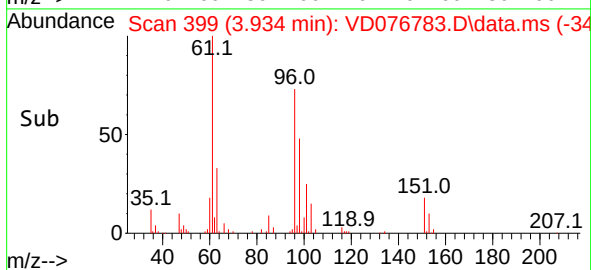
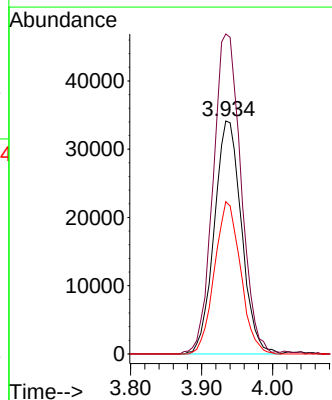
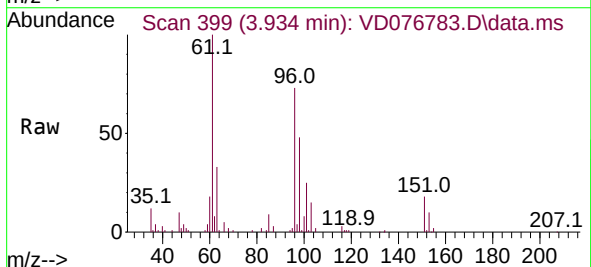
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

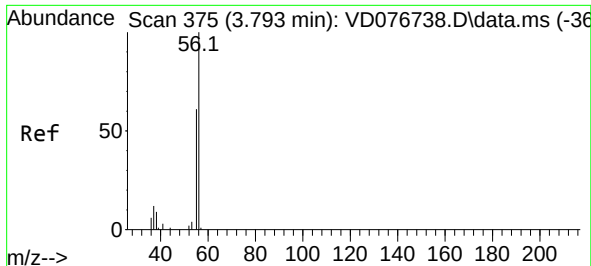
Tgt Ion: 59 Resp: 32074
Ion Ratio Lower Upper
59 100
57 4.3 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 53.400 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion: 96 Resp: 90849
Ion Ratio Lower Upper
96 100
61 137.4 100.6 150.8
98 65.4 50.2 75.2





#13

Acrolein

Concen: 301.744 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

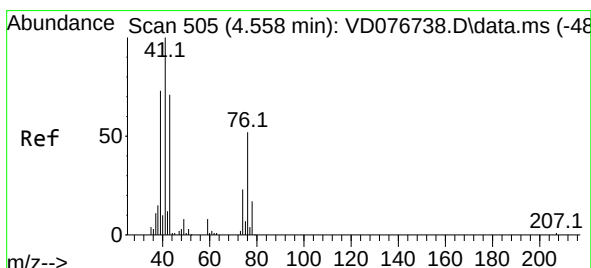
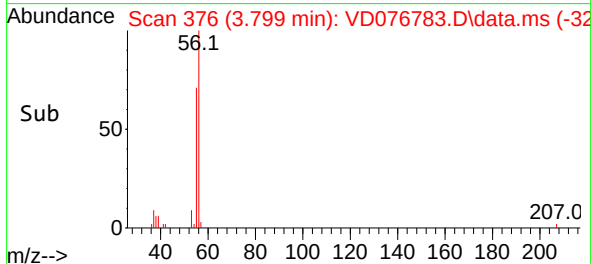
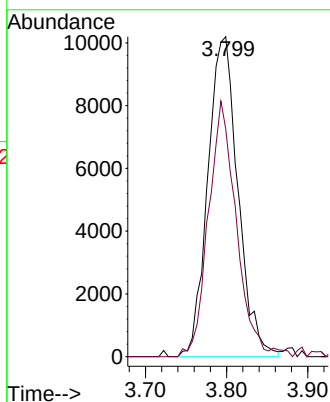
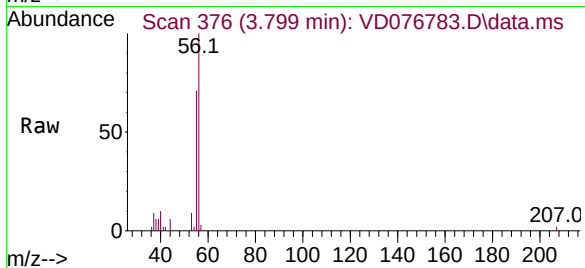
VSTDCCC050

Tgt Ion: 56 Resp: 26313

Ion Ratio Lower Upper

56 100

55 73.2 55.1 82.7



#14

Allyl chloride

Concen: 50.714 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.000 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

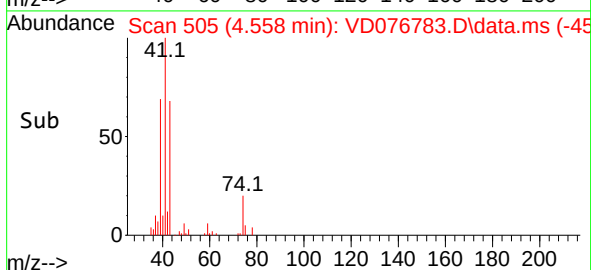
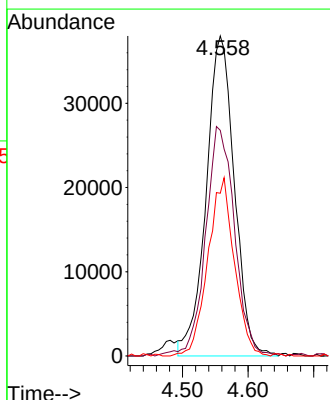
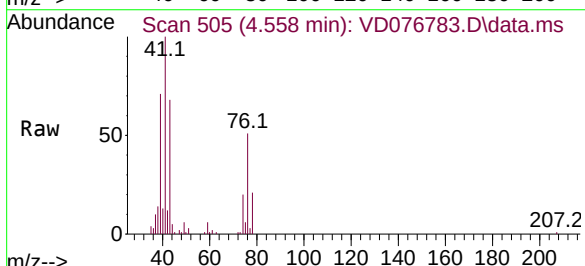
Tgt Ion: 41 Resp: 113341

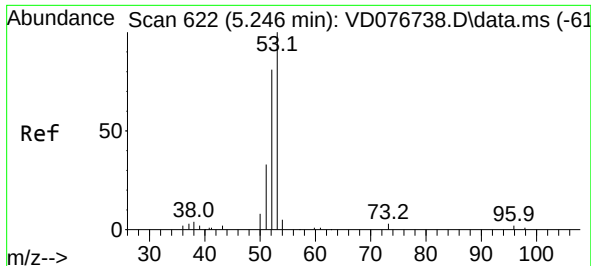
Ion Ratio Lower Upper

41 100

39 73.9 53.8 80.6

76 52.4 45.8 68.8

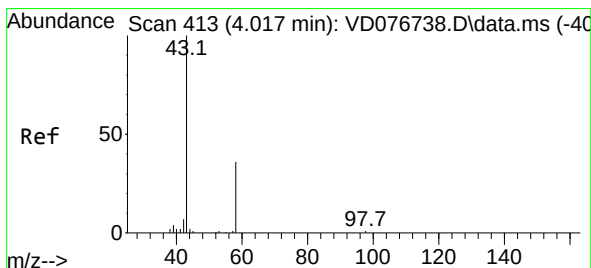
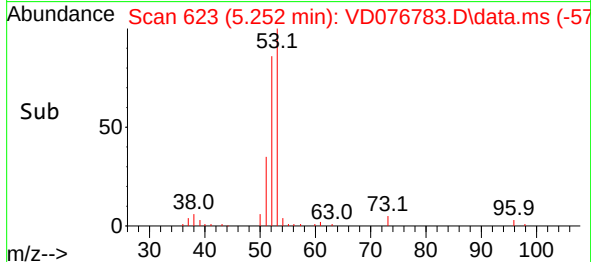
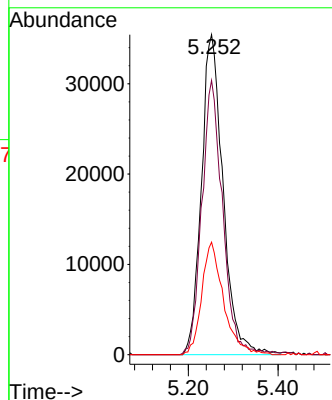
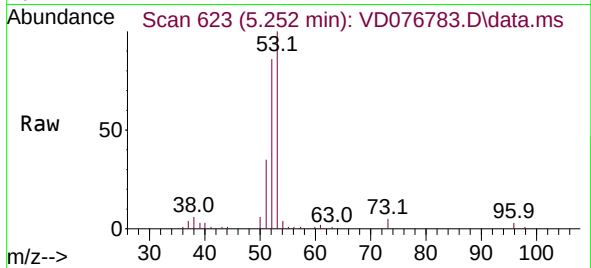




#15
Acrylonitrile
Concen: 255.391 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

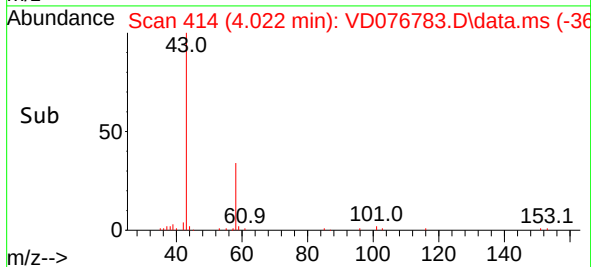
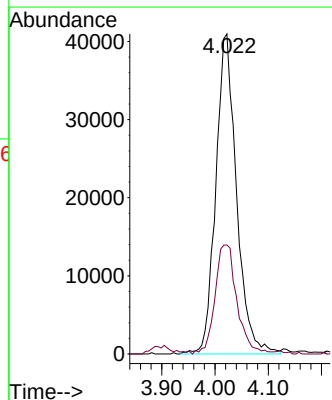
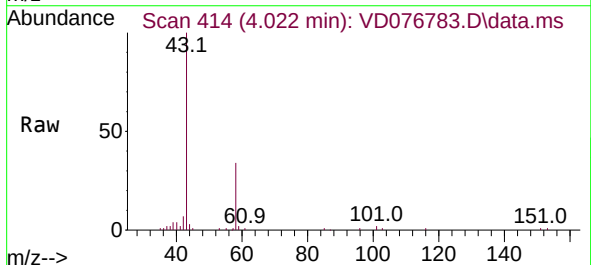
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

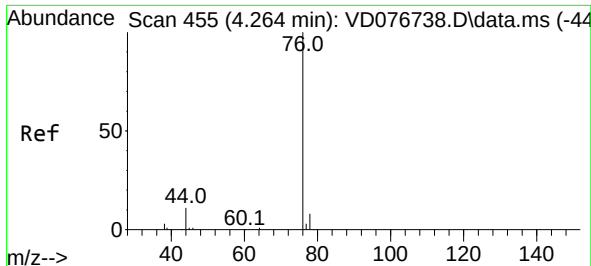
Tgt Ion: 53 Resp: 118970
Ion Ratio Lower Upper
53 100
52 82.2 65.0 97.4
51 35.4 28.3 42.5



#16
Acetone
Concen: 270.119 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion: 43 Resp: 110625
Ion Ratio Lower Upper
43 100
58 33.5 34.7 52.1#

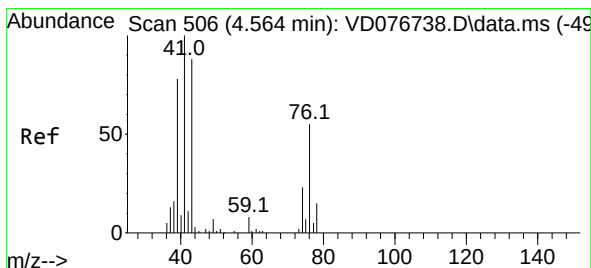
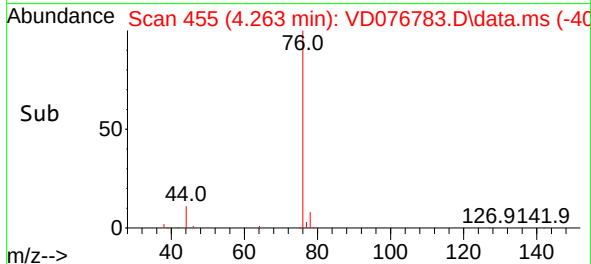
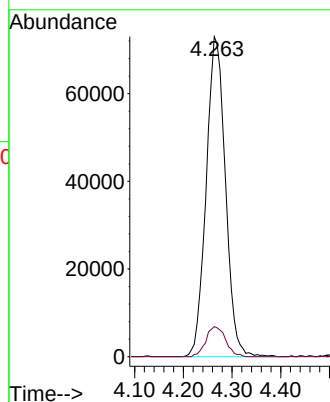
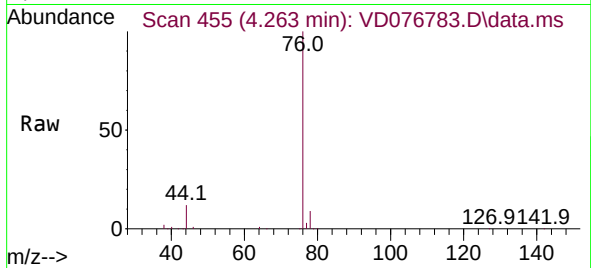




#17
Carbon Disulfide
Concen: 50.315 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

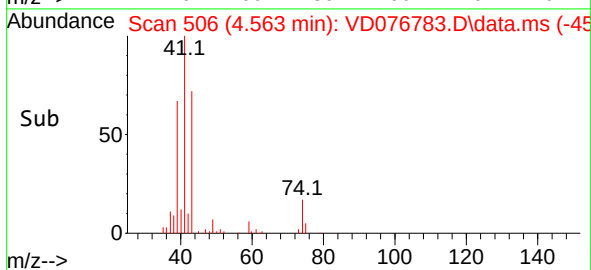
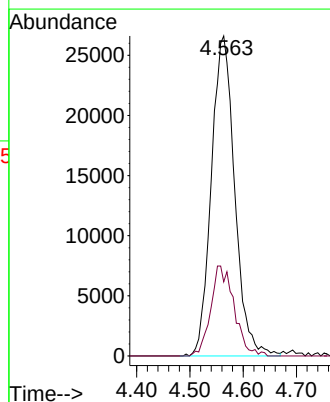
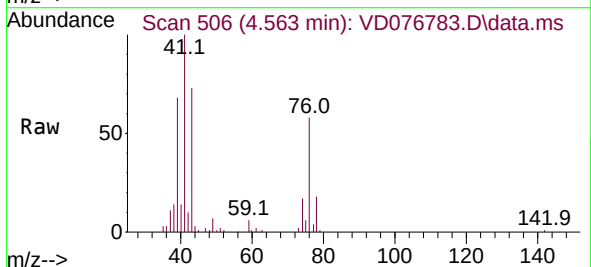
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

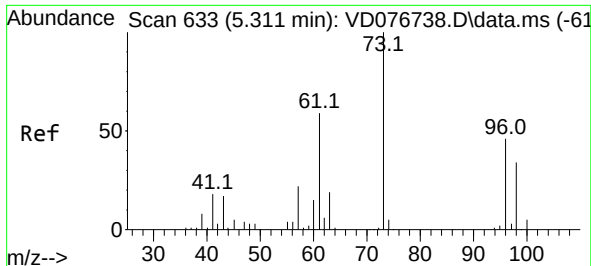
Tgt Ion: 76 Resp: 199931
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 52.648 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion: 43 Resp: 81010
Ion Ratio Lower Upper
43 100
74 28.3 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 53.116 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.005 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

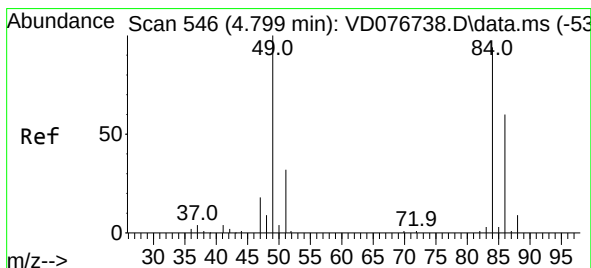
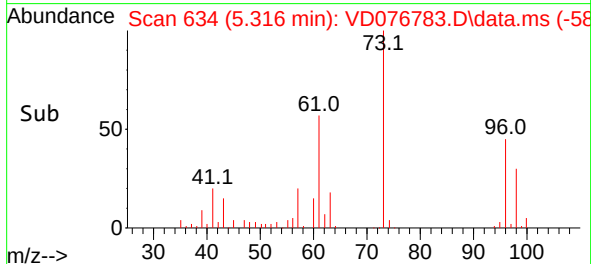
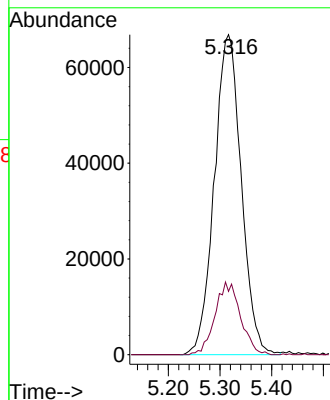
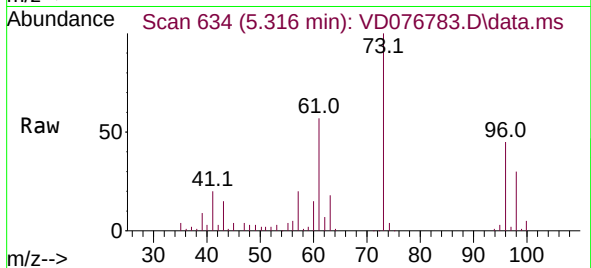
VSTDCCC050

Tgt Ion: 73 Resp: 242333

Ion Ratio Lower Upper

73 100

57 19.8 16.6 25.0



#20

Methylene Chloride

Concen: 54.178 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Tgt Ion: 84 Resp: 130022

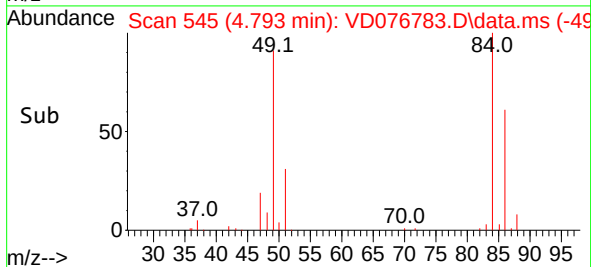
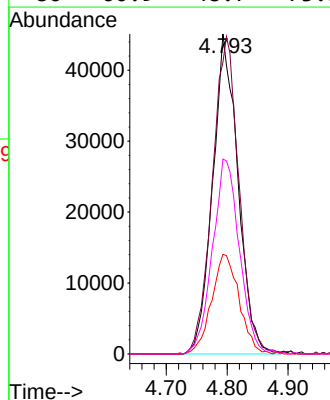
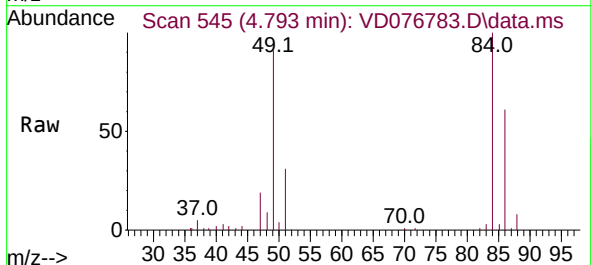
Ion Ratio Lower Upper

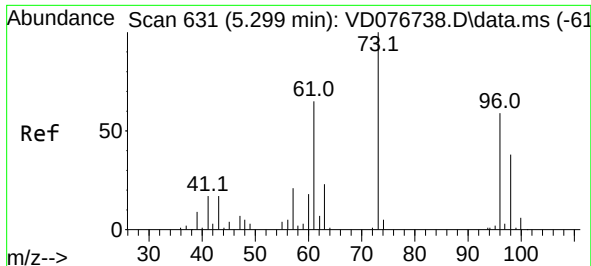
84 100

49 91.2 71.4 107.2

51 31.1 24.5 36.7

86 60.9 48.7 73.1

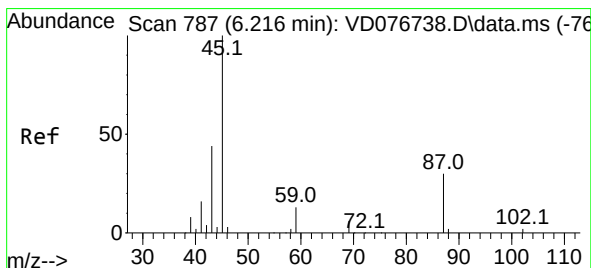
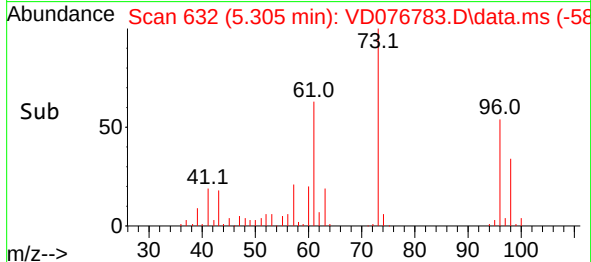
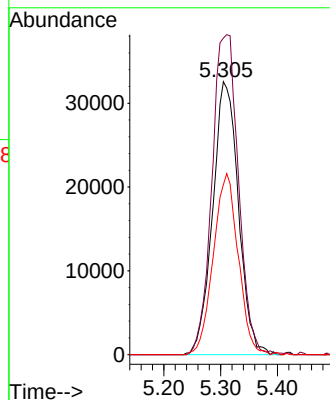
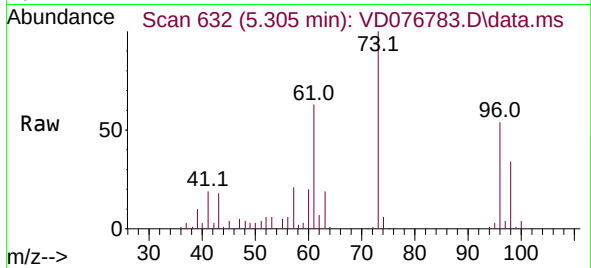




#21
trans-1,2-Dichloroethene
Concen: 51.912 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

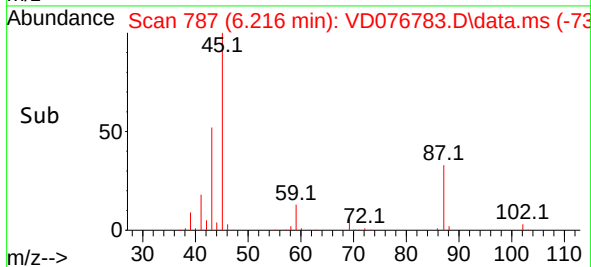
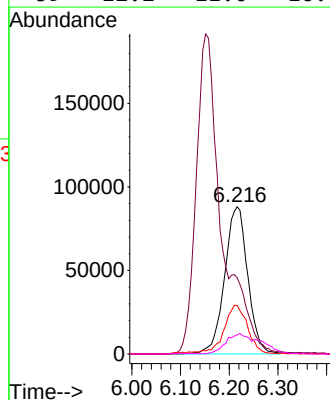
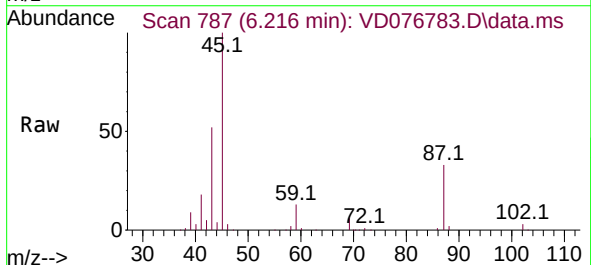
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

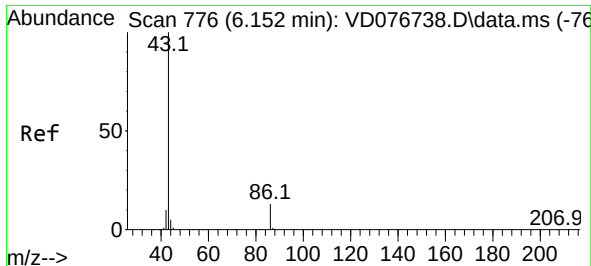
Tgt Ion: 96 Resp: 102660
Ion Ratio Lower Upper
96 100
61 116.0 89.3 133.9
98 62.3 48.6 73.0



#22
Diisopropyl ether
Concen: 54.885 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion: 45 Resp: 290464
Ion Ratio Lower Upper
45 100
43 49.9 40.0 60.0
87 32.5 28.2 42.4
59 12.2 11.0 16.4

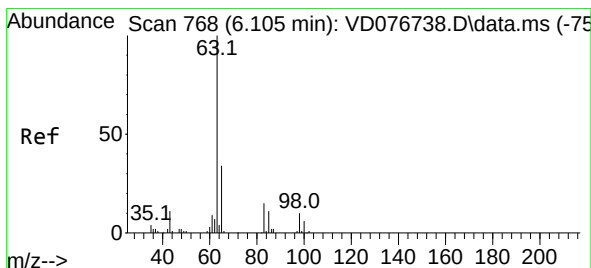
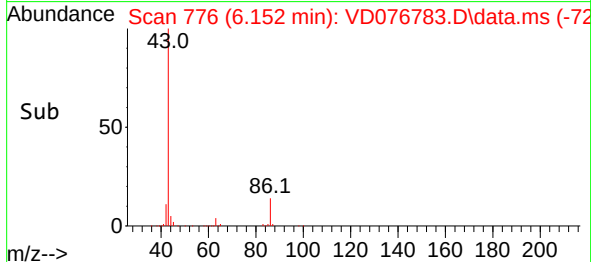
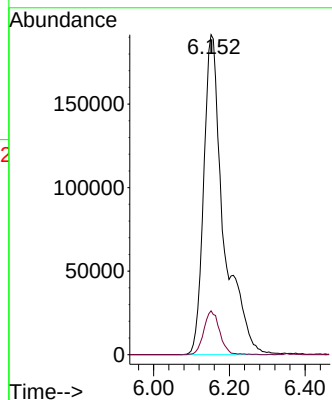
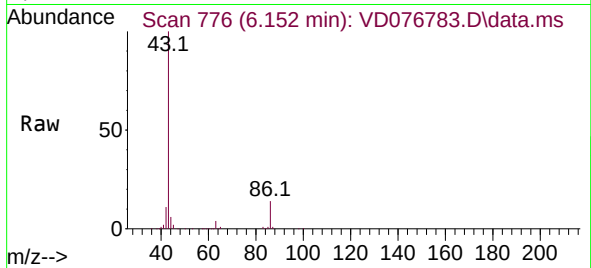




#23
 Vinyl Acetate
 Concen: 267.281 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076783.D
 Acq: 19 Jul 2023 11:11

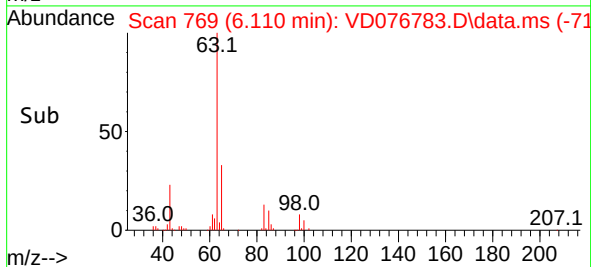
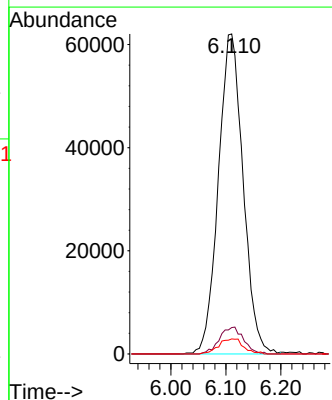
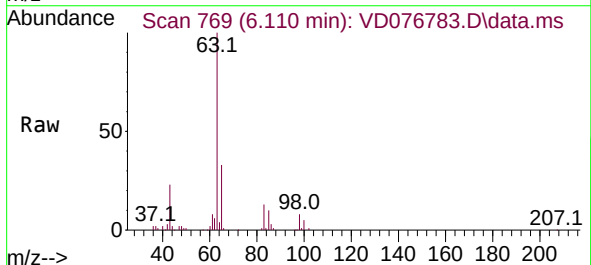
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

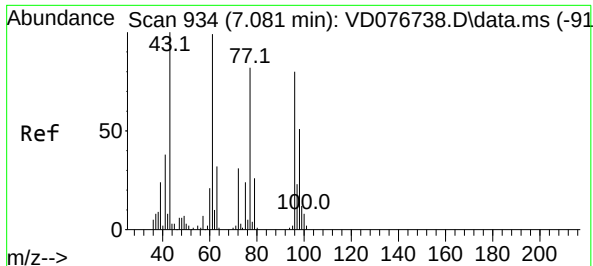
Tgt Ion: 43 Resp: 699880
 Ion Ratio Lower Upper
 43 100
 86 13.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 54.307 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.005 min
 Lab File: VD076783.D
 Acq: 19 Jul 2023 11:11

Tgt Ion: 63 Resp: 193780
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.5 13.7
 100 4.7 2.5 7.5

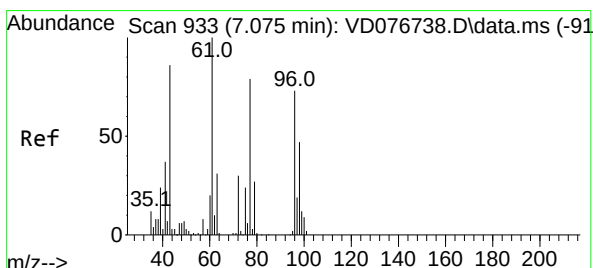
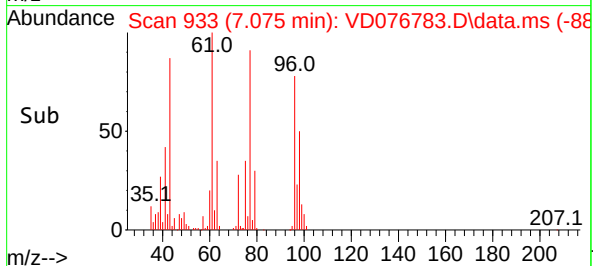
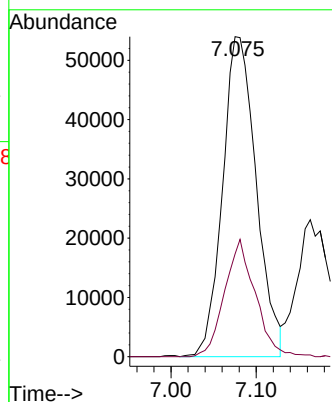
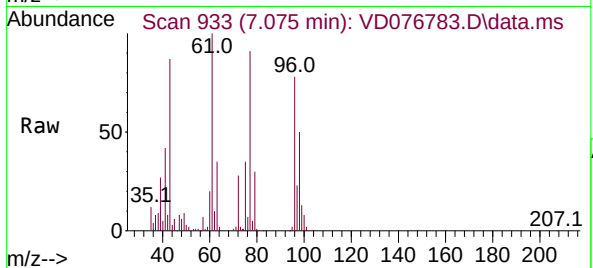




#25
2-Butanone
Concen: 270.869 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

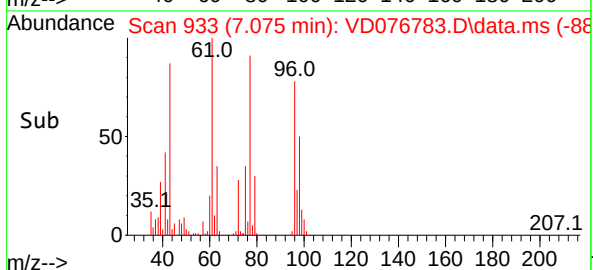
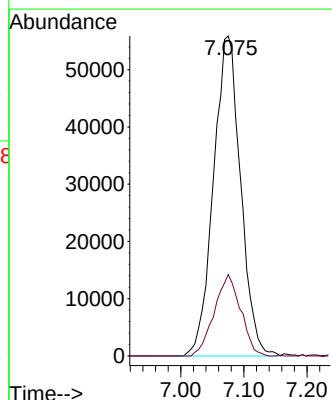
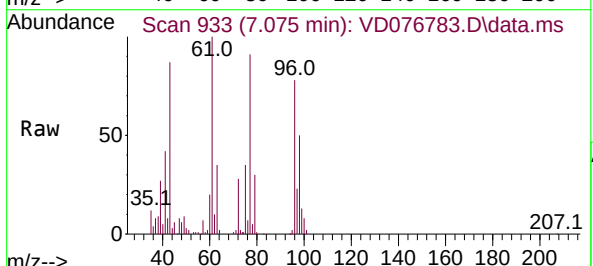
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

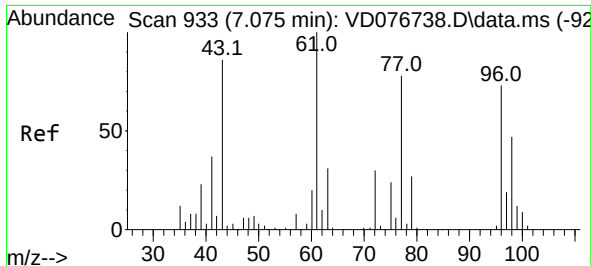
Tgt Ion: 43 Resp: 148466
Ion Ratio Lower Upper
43 100
72 32.1 30.7 46.1



#26
2,2-Dichloropropane
Concen: 54.211 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion: 77 Resp: 166745
Ion Ratio Lower Upper
77 100
97 24.7 13.2 39.6



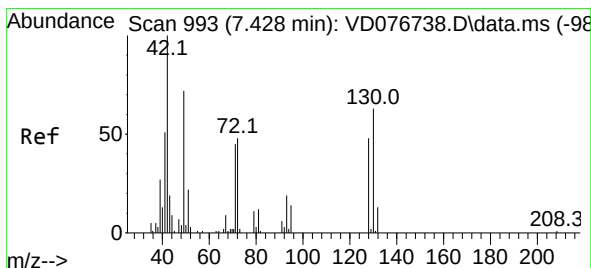
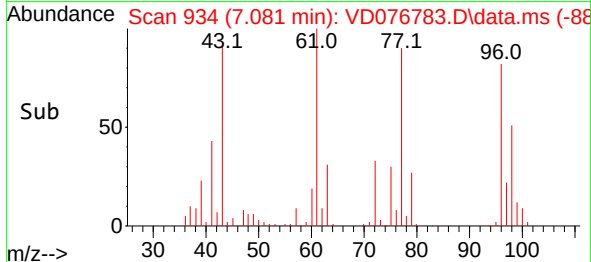
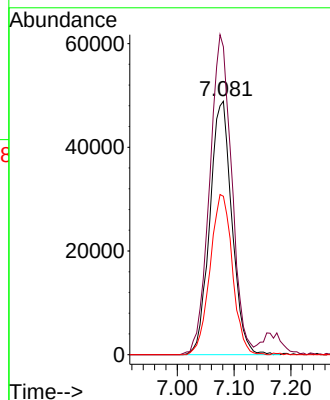
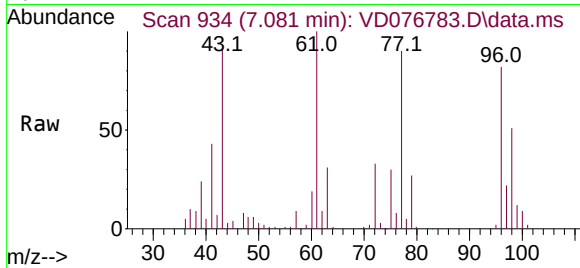


#27
 cis-1,2-Dichloroethene
 Concen: 54.243 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD076783.D
 Acq: 19 Jul 2023 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 132238

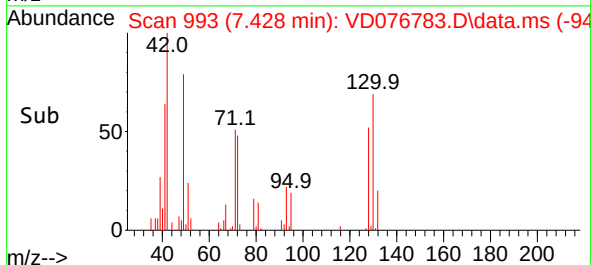
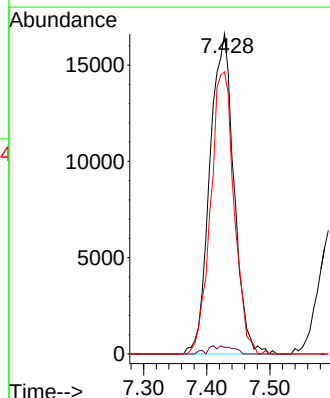
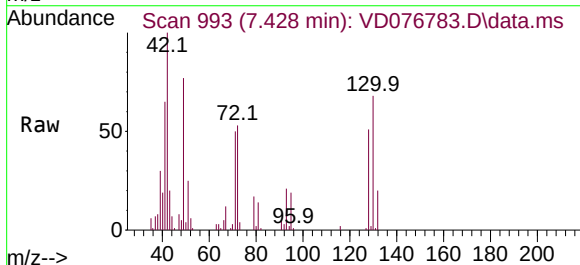
Ion	Ratio	Lower	Upper
96	100		
61	126.1	0.0	239.2
98	63.7	0.0	128.6

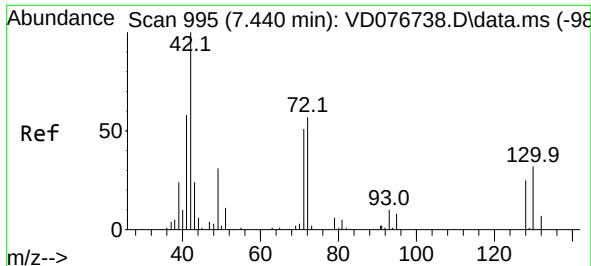


#28
 Bromochloromethane
 Concen: 49.329 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD076783.D
 Acq: 19 Jul 2023 11:11

Tgt Ion: 49 Resp: 44006

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	6.0
130	85.9	83.2	124.8





#29

Tetrahydrofuran

Concen: 263.933 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

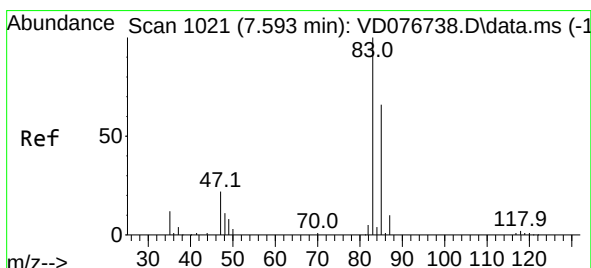
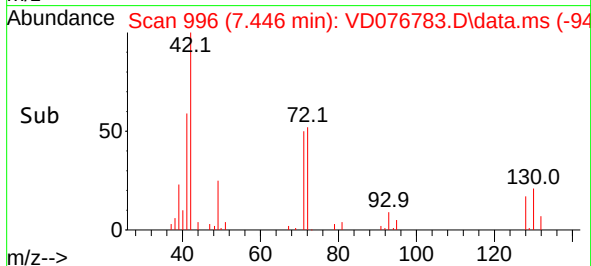
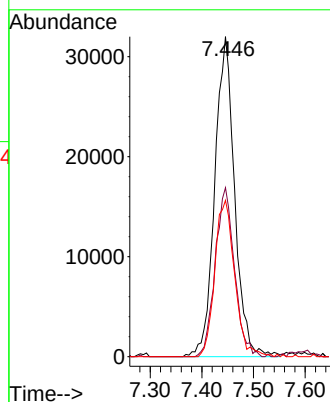
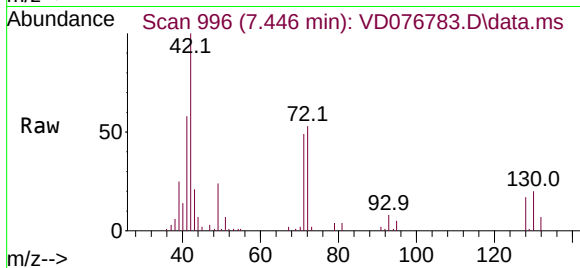
Tgt Ion: 42 Resp: 85473

Ion Ratio Lower Upper

42 100

72 51.2 46.5 69.7

71 48.8 44.5 66.7



#30

Chloroform

Concen: 54.489 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076783.D

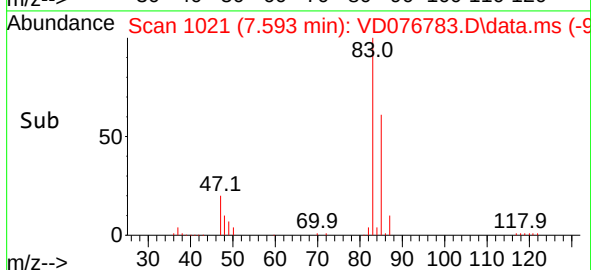
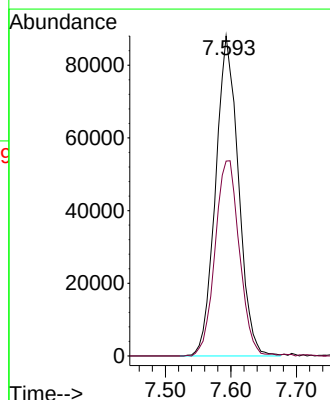
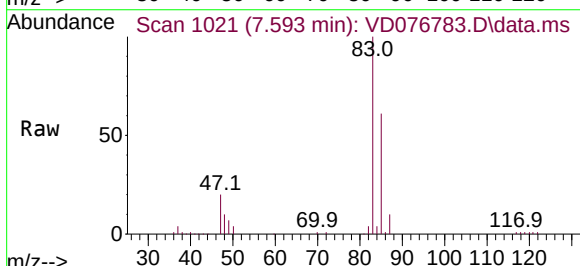
Acq: 19 Jul 2023 11:11

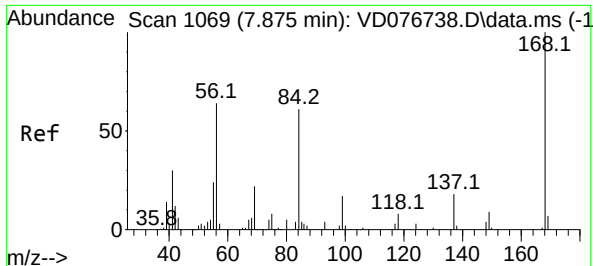
Tgt Ion: 83 Resp: 212954

Ion Ratio Lower Upper

83 100

85 60.9 53.4 80.2





#31

Cyclohexane

Concen: 51.028 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

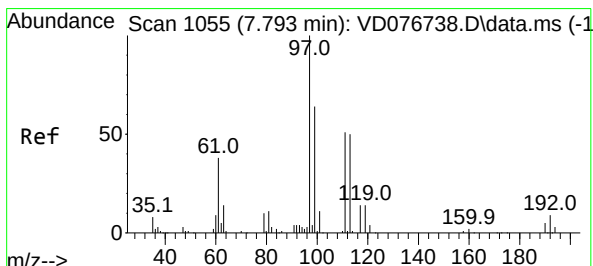
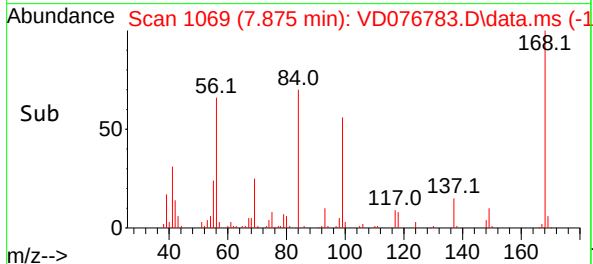
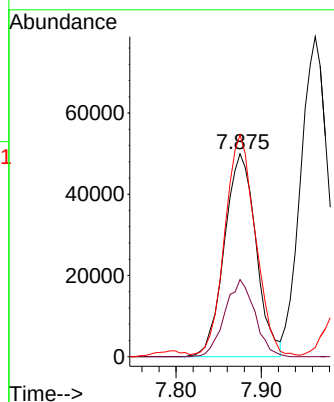
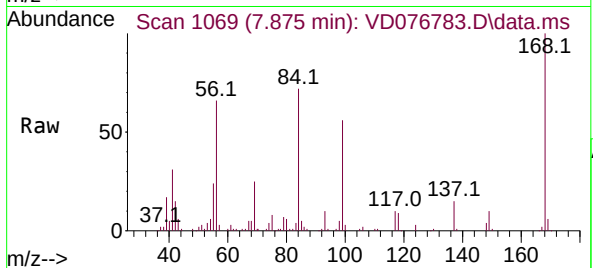
Tgt Ion: 56 Resp: 128781

Ion Ratio Lower Upper

56 100

69 38.0 28.6 43.0

84 107.5 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 56.598 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

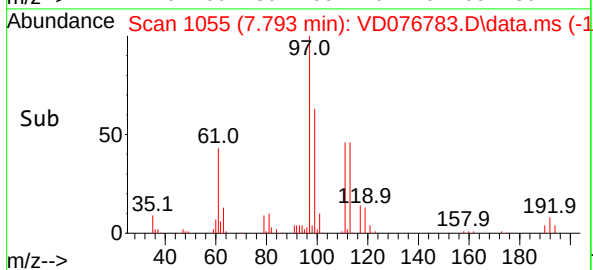
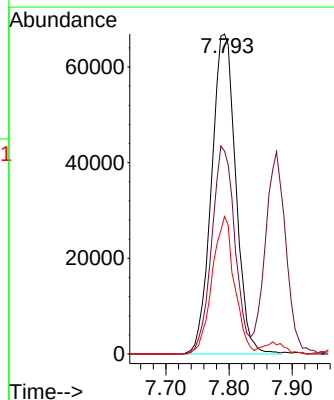
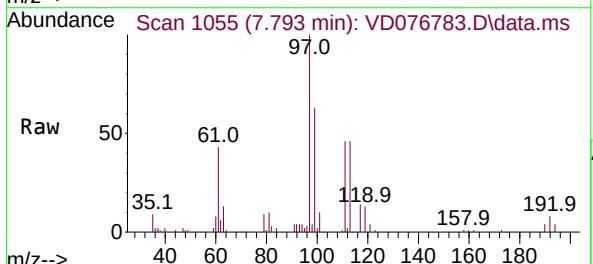
Tgt Ion: 97 Resp: 178464

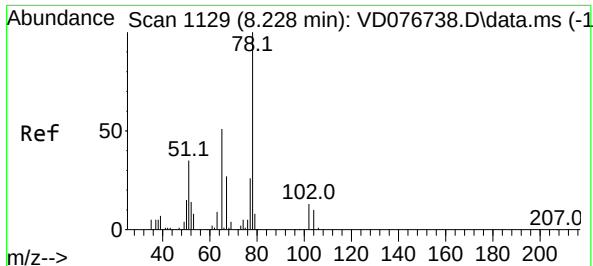
Ion Ratio Lower Upper

97 100

99 62.2 52.0 78.0

61 39.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.161 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

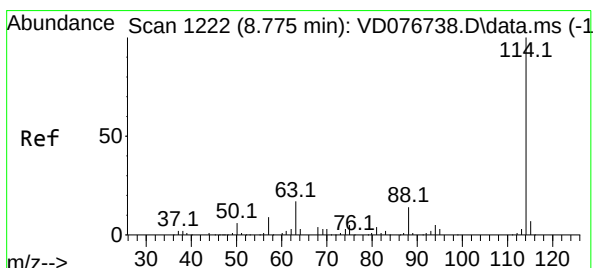
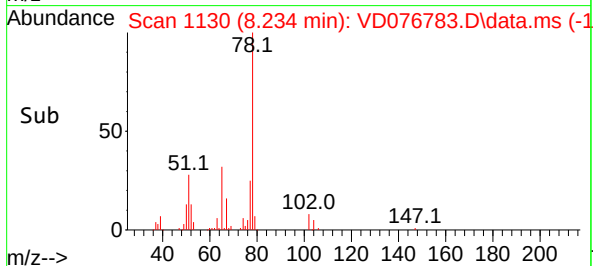
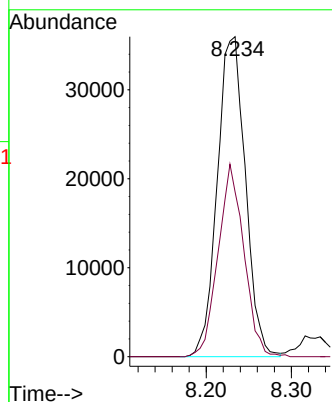
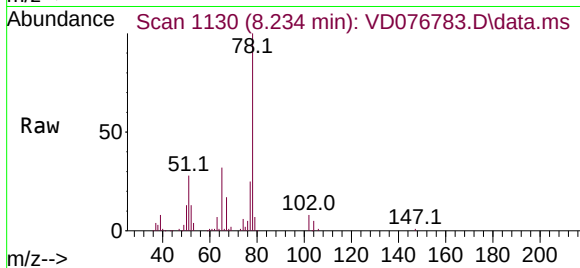
VSTDCCC050

Tgt Ion: 65 Resp: 82589

Ion Ratio Lower Upper

65 100

67 55.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

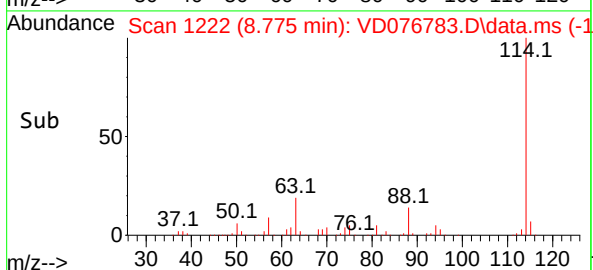
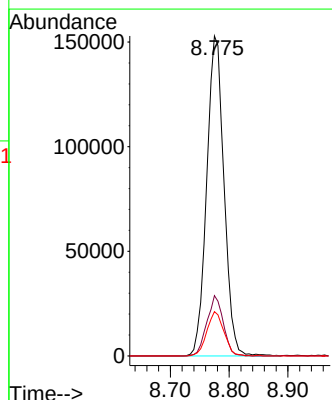
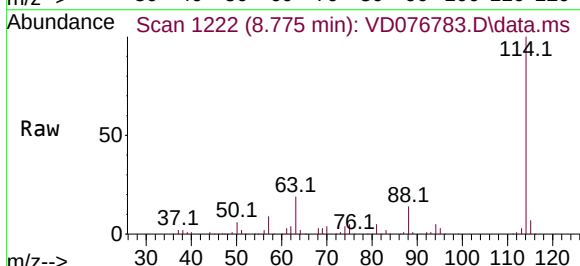
Tgt Ion: 114 Resp: 312580

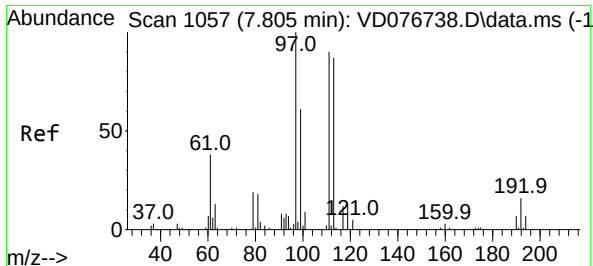
Ion Ratio Lower Upper

114 100

63 18.9 0.0 33.4

88 13.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 50.321 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

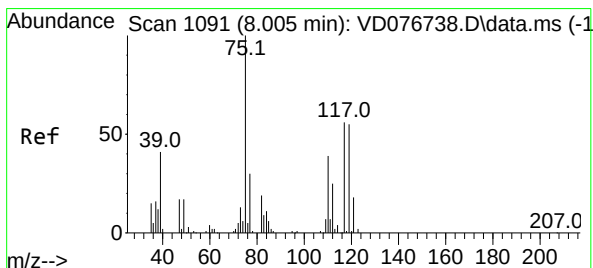
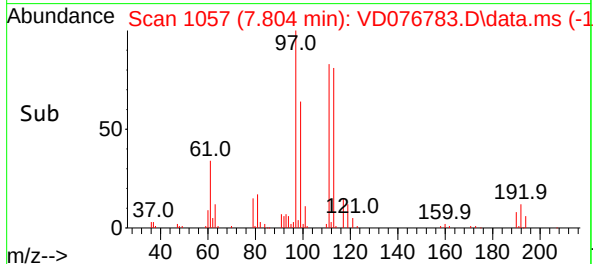
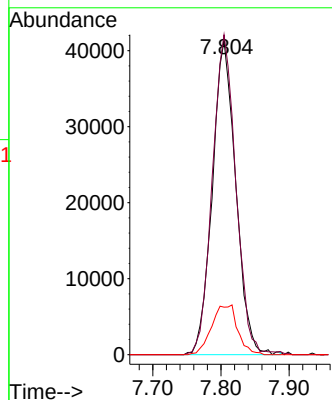
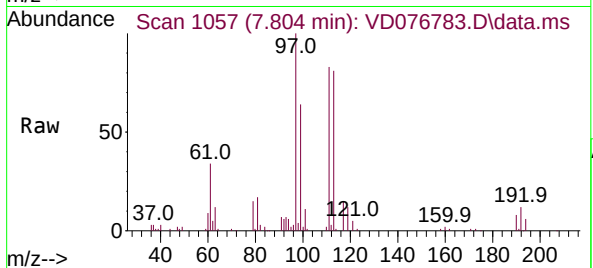
Tgt Ion:113 Resp: 98844

Ion Ratio Lower Upper

113 100

111 102.6 84.7 127.1

192 17.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 55.672 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.001 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

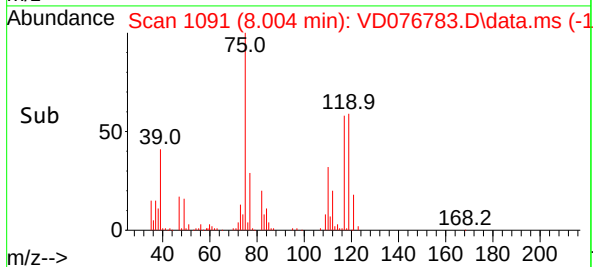
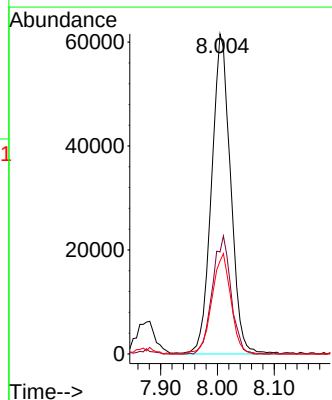
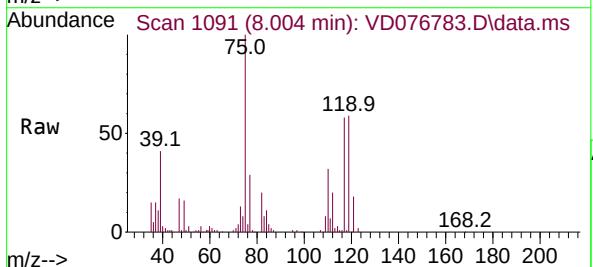
Tgt Ion: 75 Resp: 142898

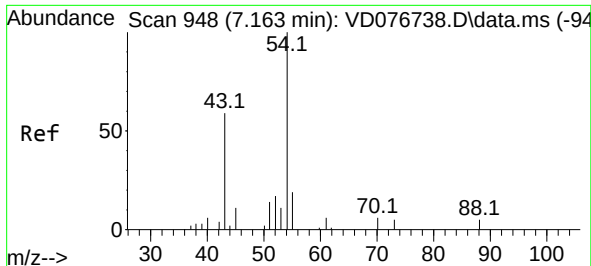
Ion Ratio Lower Upper

75 100

110 36.0 19.9 59.6

77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 54.681 ug/l

RT: 7.163 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

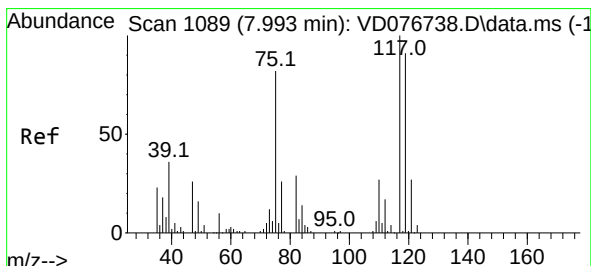
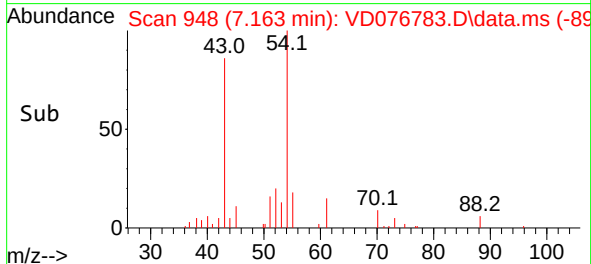
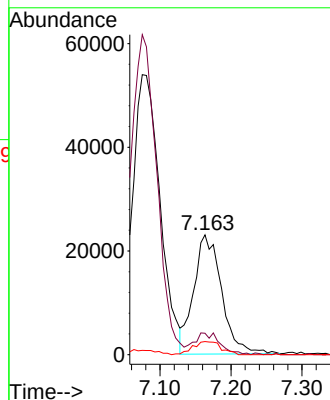
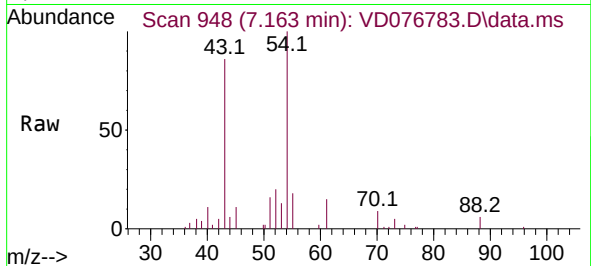
Tgt Ion: 43 Resp: 62768

Ion Ratio Lower Upper

43 100

61 17.1 14.9 22.3

70 11.2 10.0 15.0



#38

Carbon Tetrachloride

Concen: 57.710 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

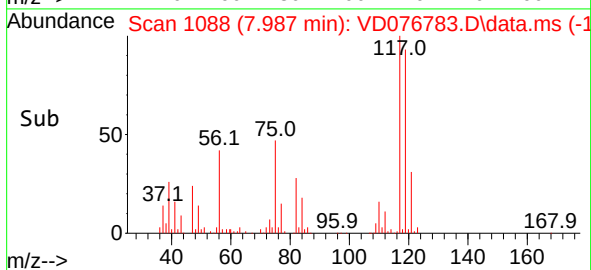
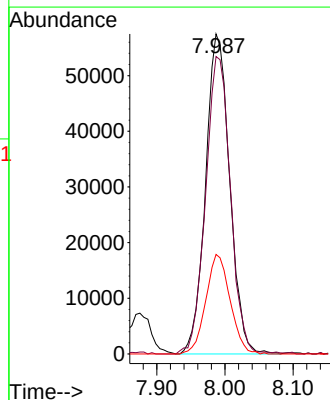
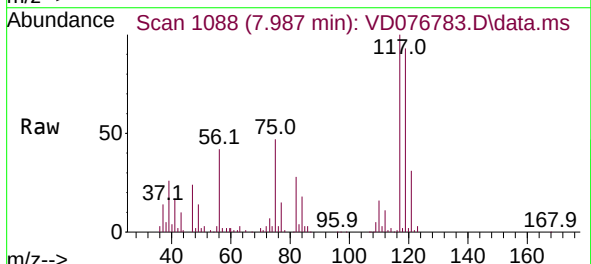
Tgt Ion: 117 Resp: 141835

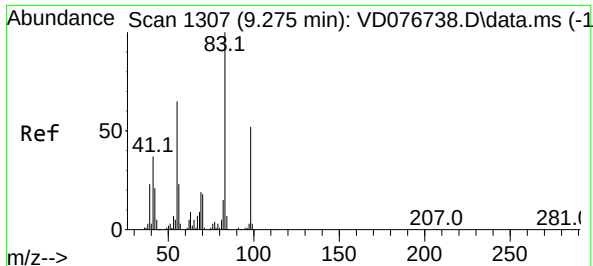
Ion Ratio Lower Upper

117 100

119 92.6 78.0 117.0

121 31.1 24.2 36.2





#39

Methylcyclohexane

Concen: 54.835 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

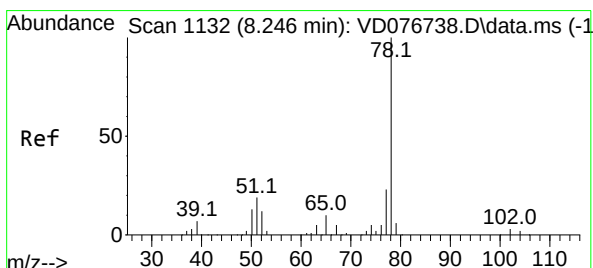
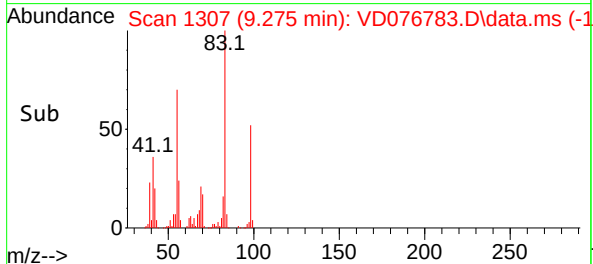
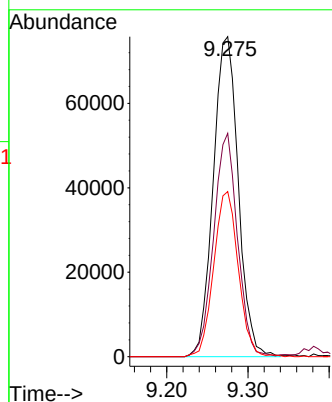
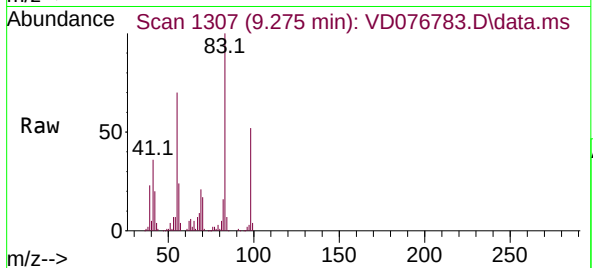
Tgt Ion: 83 Resp: 162517

Ion Ratio Lower Upper

83 100

55 69.8 49.4 74.0

98 51.6 38.4 57.6



#40

Benzene

Concen: 53.566 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076783.D

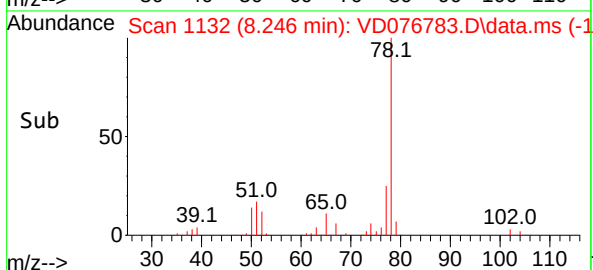
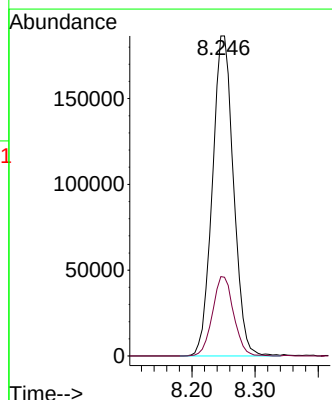
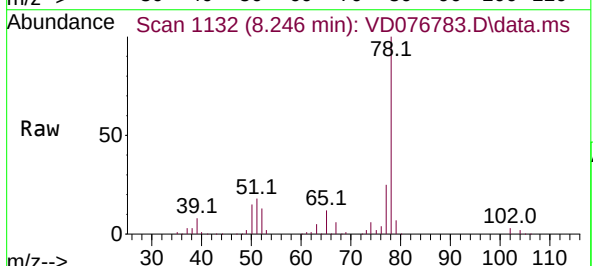
Acq: 19 Jul 2023 11:11

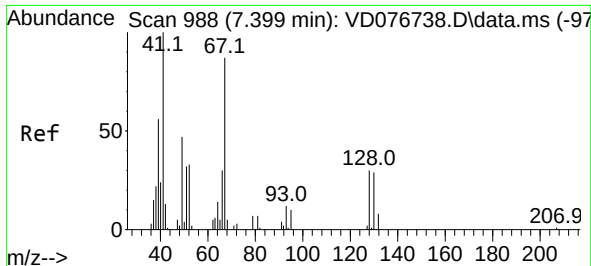
Tgt Ion: 78 Resp: 433819

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.0

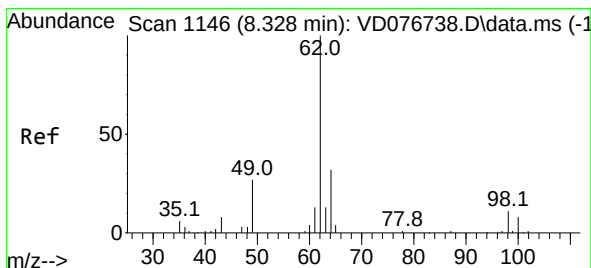
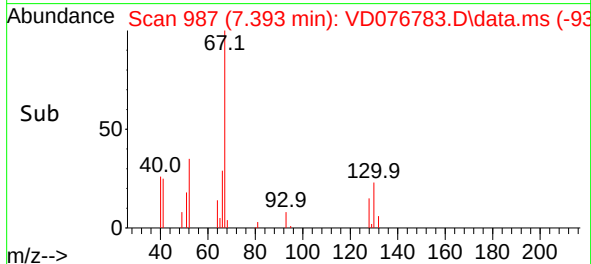
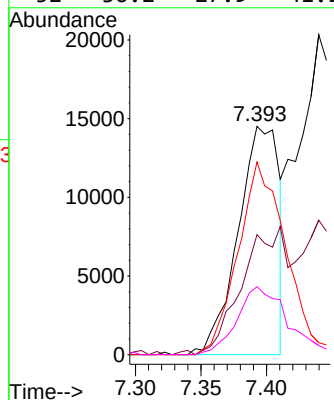
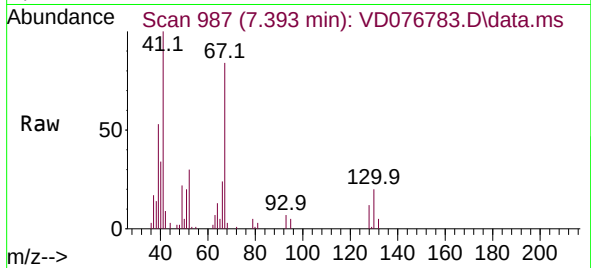




#41
Methacrylonitrile
Concen: 45.098 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

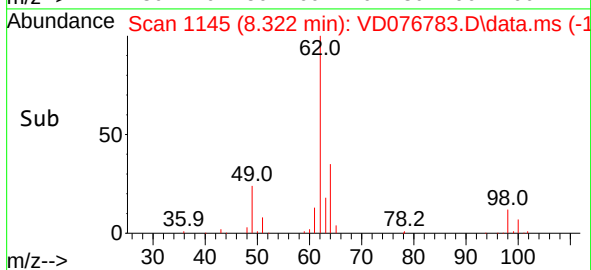
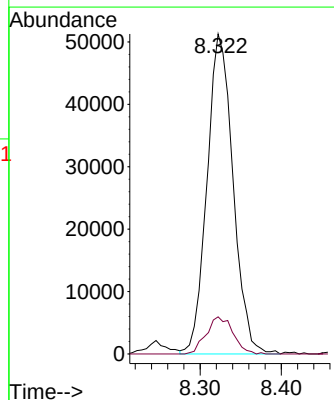
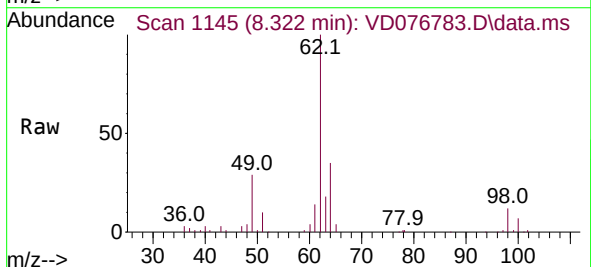
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

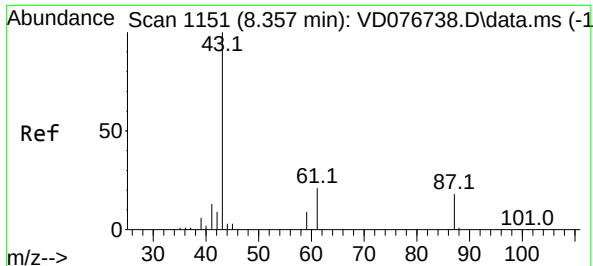
Tgt Ion: 41 Resp: 31612
Ion Ratio Lower Upper
41 100
39 66.7 34.0 51.0#
67 98.2 77.0 115.4
52 36.2 27.9 41.9



#42
1,2-Dichloroethane
Concen: 54.336 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion: 62 Resp: 114340
Ion Ratio Lower Upper
62 100
98 11.9 0.0 25.4





#43

Isopropyl Acetate

Concen: 52.977 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Instrument :

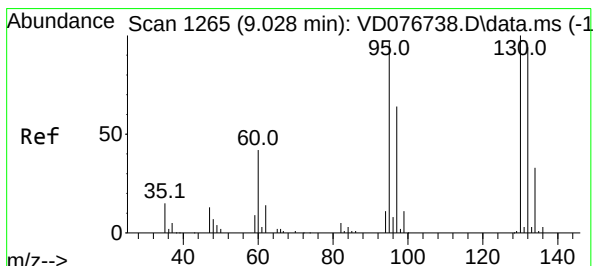
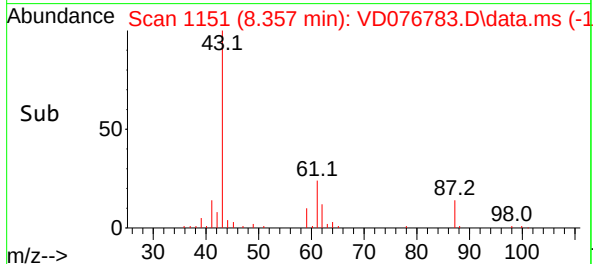
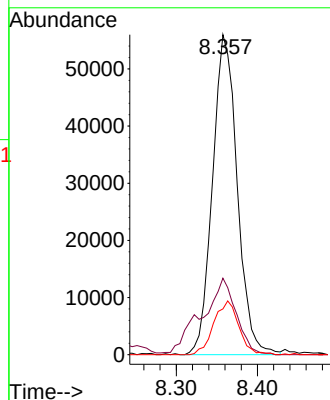
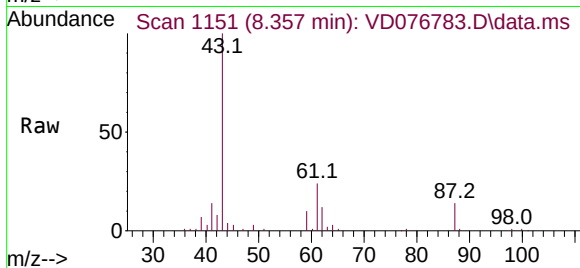
MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 118679

Ion	Ratio	Lower	Upper
43	100		
61	33.5	31.4	47.0
87	17.0	14.9	22.3



#44

Trichloroethene

Concen: 52.113 ug/l

RT: 9.028 min Scan# 1265

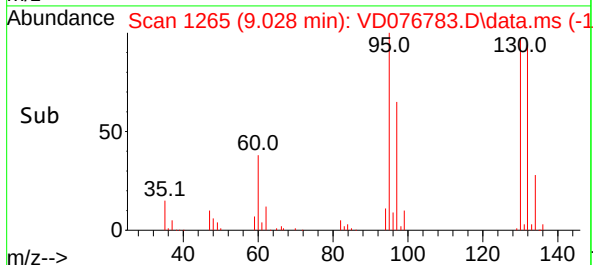
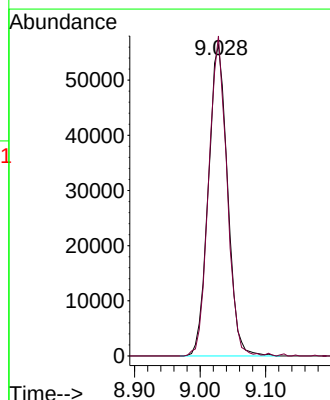
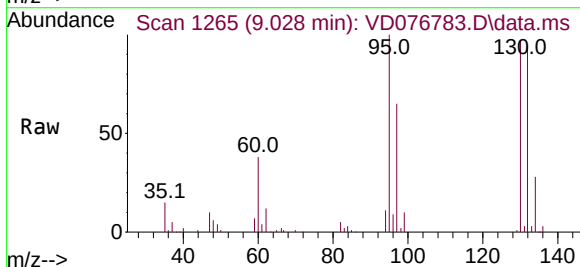
Delta R.T. -0.000 min

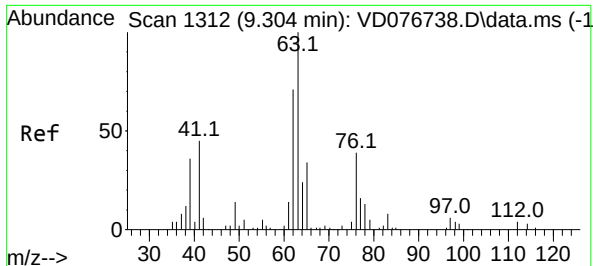
Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Tgt Ion:130 Resp: 115010

Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	179.2





#45

1,2-Dichloropropane

Concen: 54.287 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

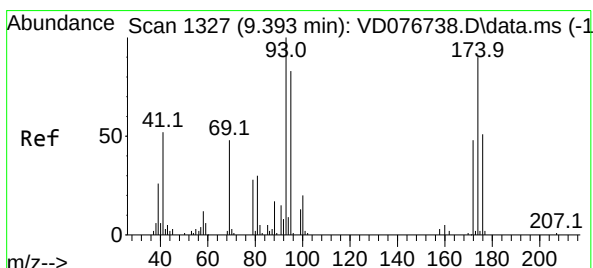
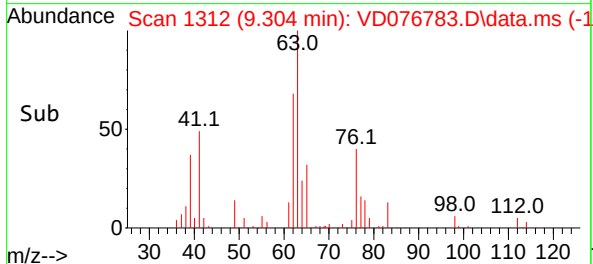
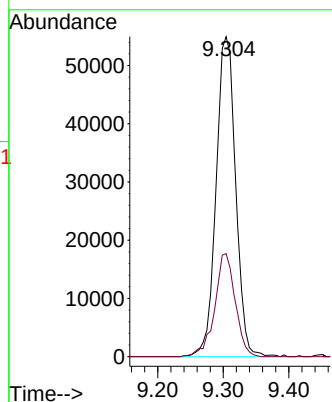
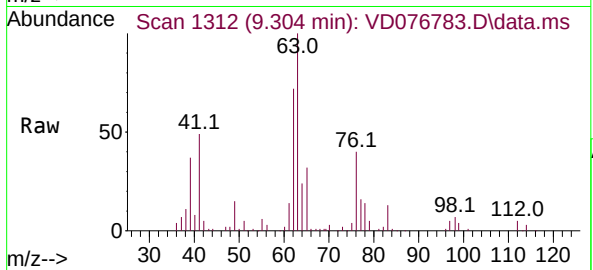
VSTDCCC050

Tgt Ion: 63 Resp: 113491

Ion Ratio Lower Upper

63 100

65 32.2 24.5 36.7



#46

Dibromomethane

Concen: 53.223 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

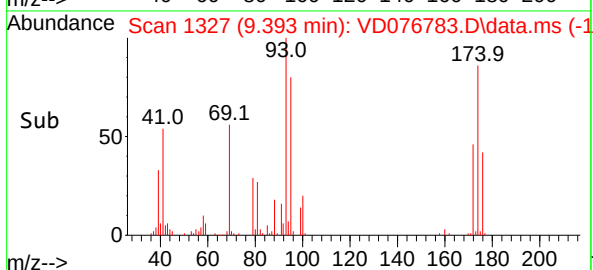
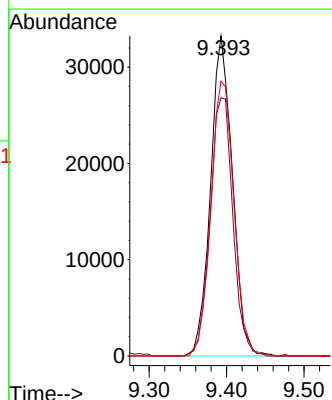
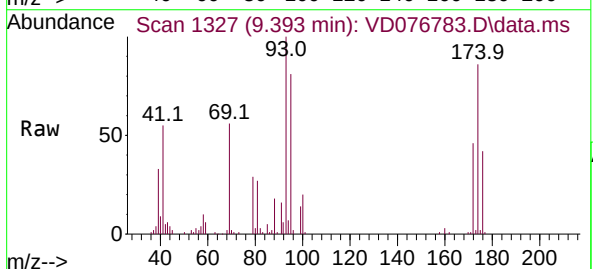
Tgt Ion: 93 Resp: 65129

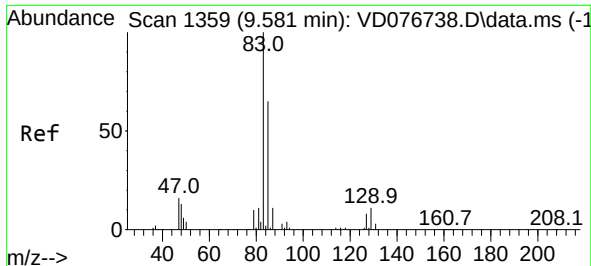
Ion Ratio Lower Upper

93 100

95 83.9 67.7 101.5

174 90.2 85.4 128.2

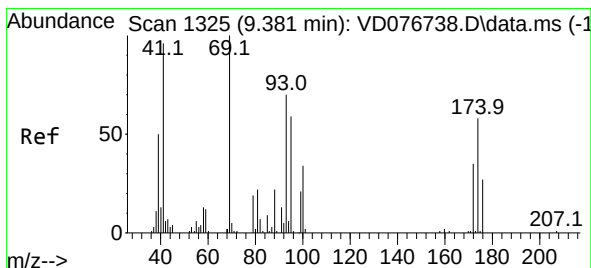
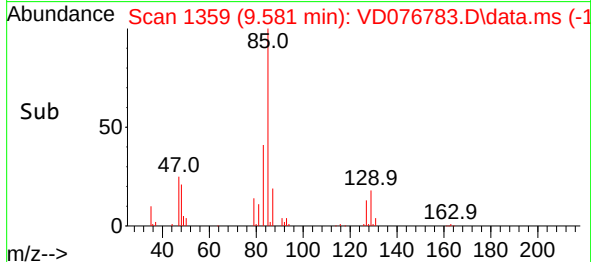
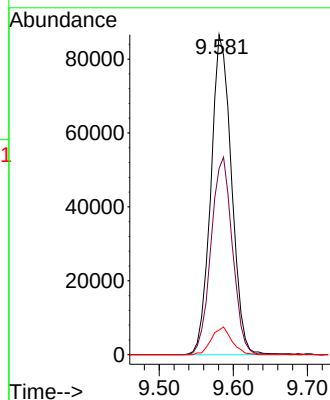
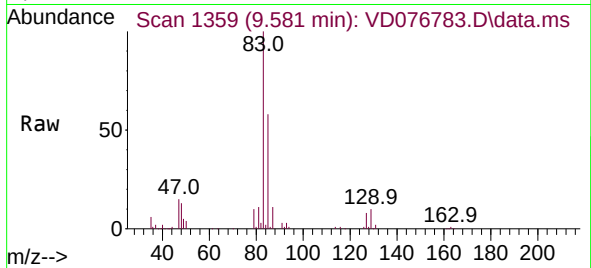




#47
Bromodichloromethane
Concen: 54.507 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

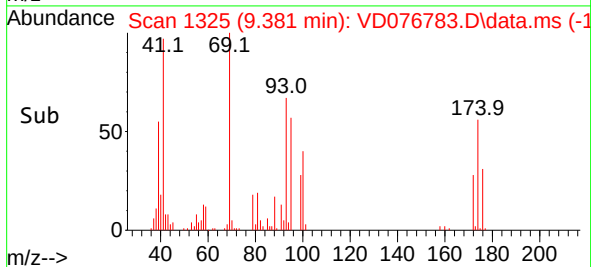
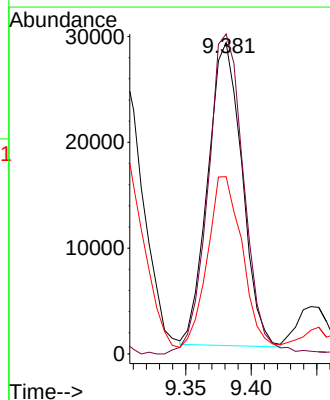
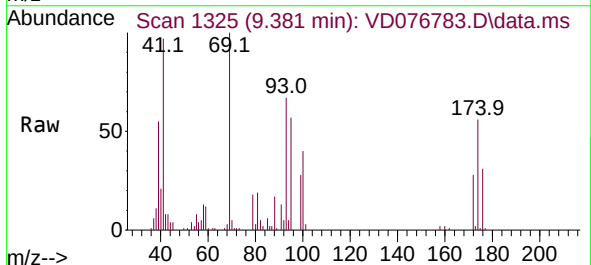
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

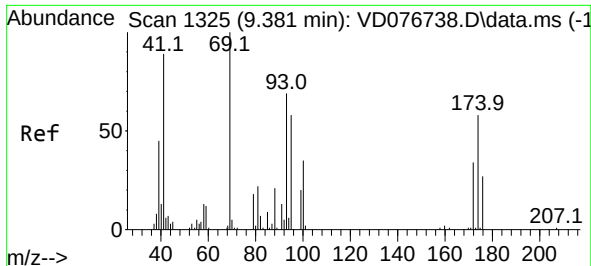
Tgt Ion: 83 Resp: 167383
Ion Ratio Lower Upper
83 100
85 58.2 50.2 75.4
127 7.7 6.3 9.5



#48
Methyl methacrylate
Concen: 50.976 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion: 41 Resp: 51975
Ion Ratio Lower Upper
41 100
69 111.2 102.2 153.2
39 62.4 41.4 62.2#





#49

1,4-Dioxane

Concen: 917.450 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

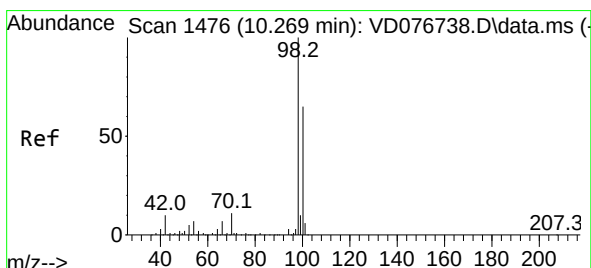
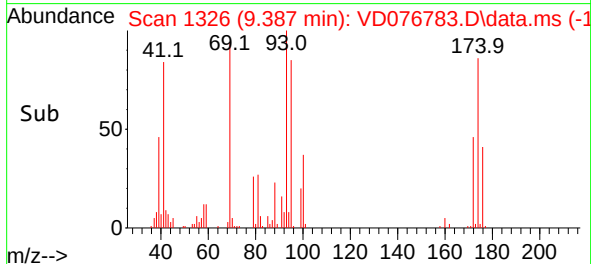
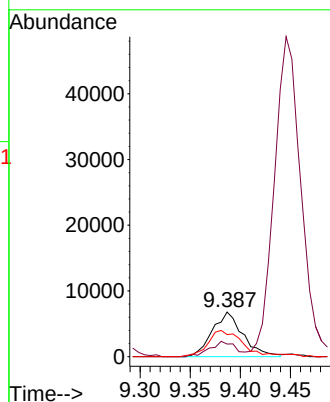
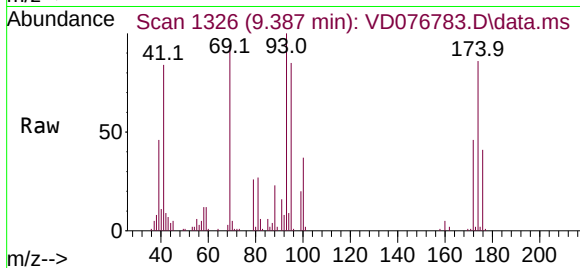
Tgt Ion: 88 Resp: 14384

Ion Ratio Lower Upper

88 100

43 29.0 19.0 28.6#

58 68.8 43.5 65.3#



#50

Toluene-d8

Concen: 47.730 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076783.D

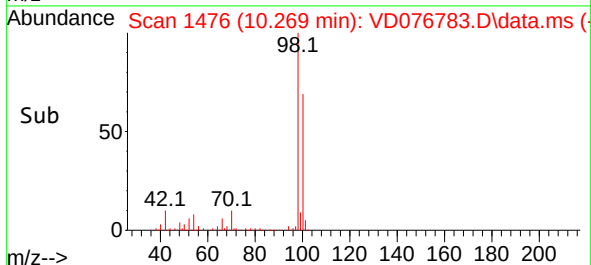
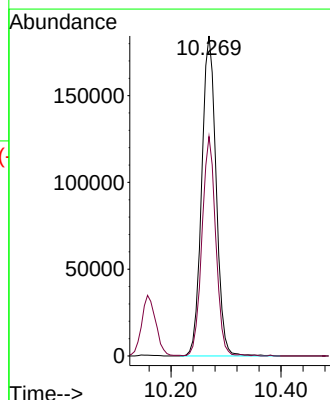
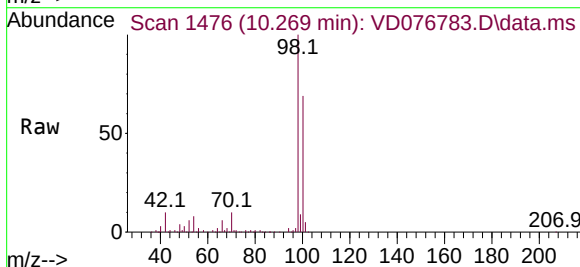
Acq: 19 Jul 2023 11:11

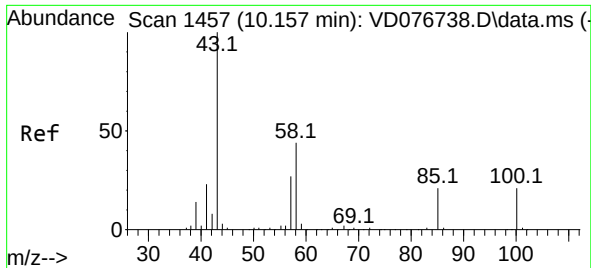
Tgt Ion: 98 Resp: 335396

Ion Ratio Lower Upper

98 100

100 65.4 50.3 75.5

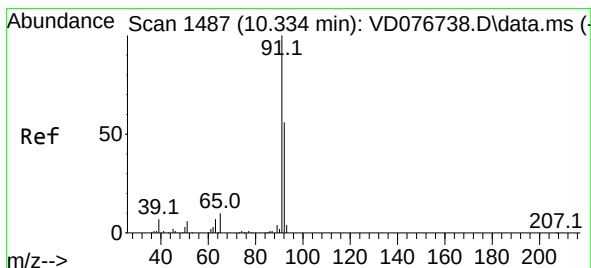
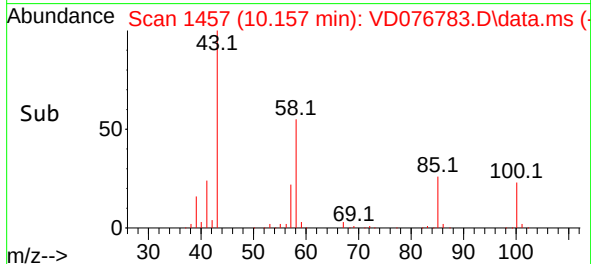
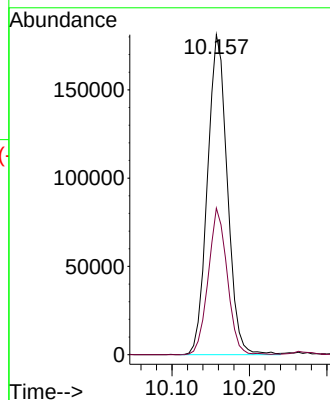
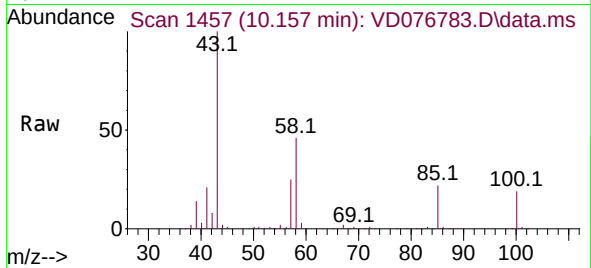




#51
4-Methyl-2-Pentanone
Concen: 270.379 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

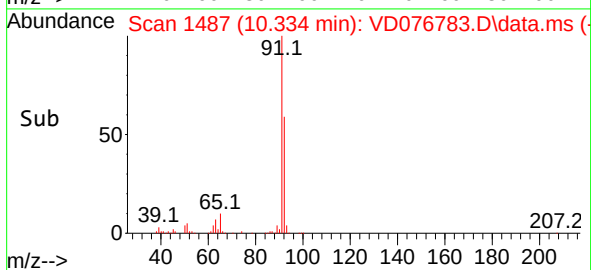
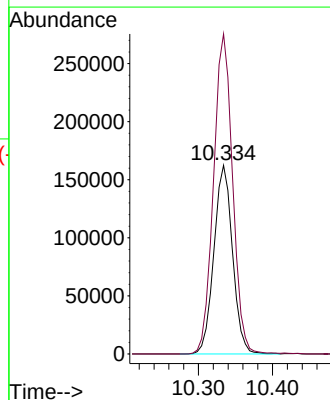
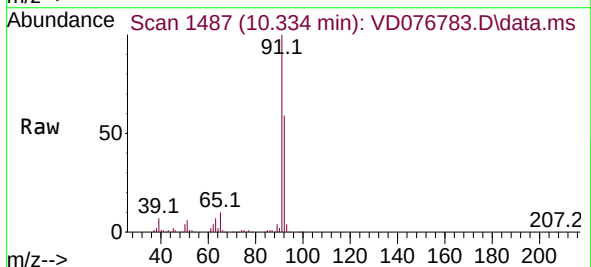
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

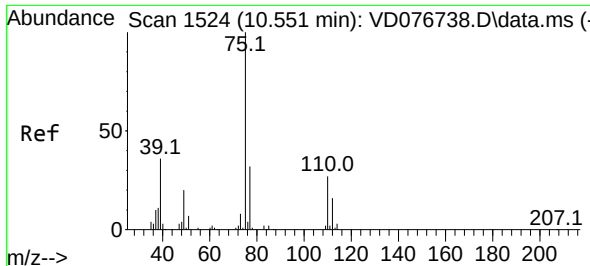
Tgt Ion: 43 Resp: 322498
Ion Ratio Lower Upper
43 100
58 43.7 38.9 58.3



#52
Toluene
Concen: 53.248 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion: 92 Resp: 283236
Ion Ratio Lower Upper
92 100
91 174.1 143.0 214.4

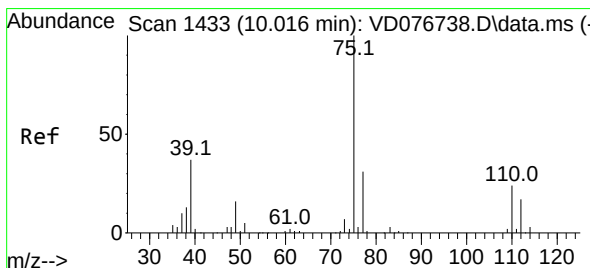
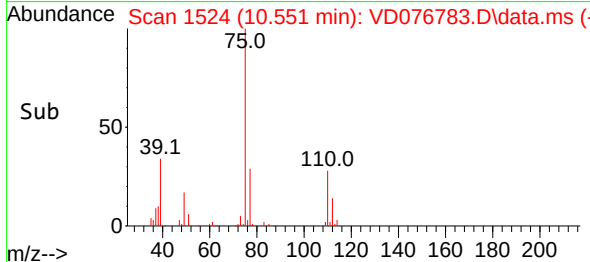
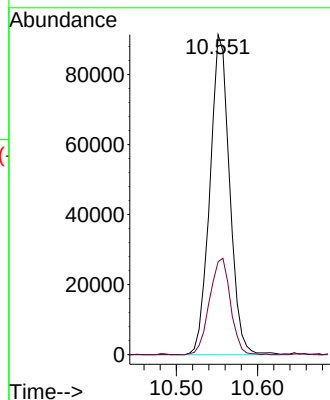
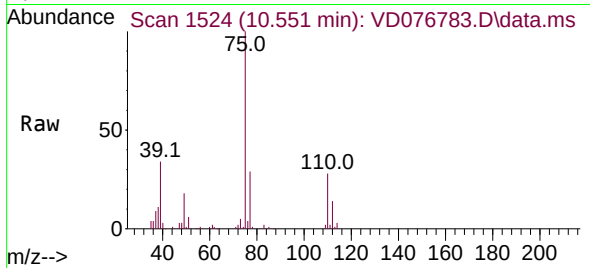




#53
 t-1,3-Dichloropropene
 Concen: 54.017 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD076783.D
 Acq: 19 Jul 2023 11:11

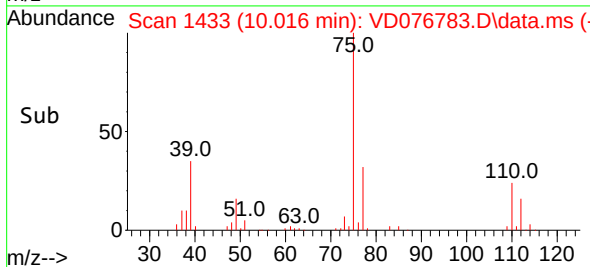
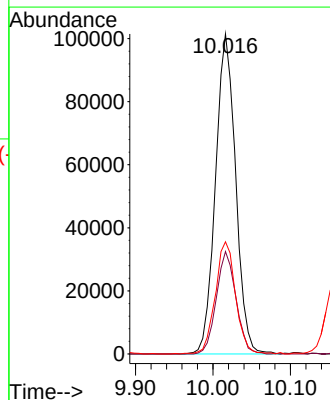
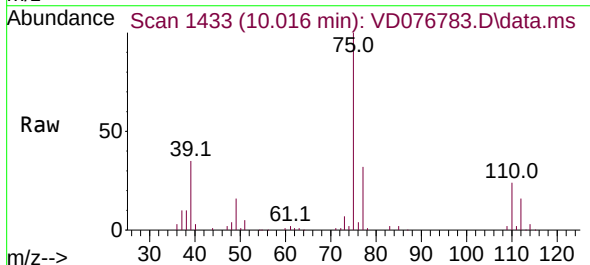
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

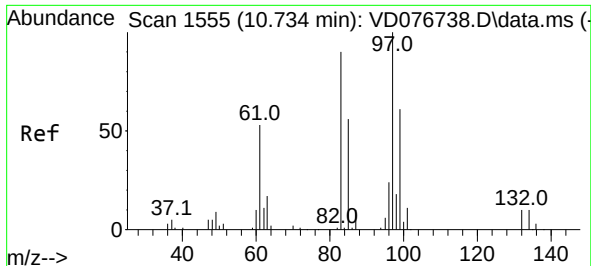
Tgt Ion: 75 Resp: 153964
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 54.598 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076783.D
 Acq: 19 Jul 2023 11:11

Tgt Ion: 75 Resp: 183407
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.5 38.3
 39 35.0 22.1 33.1#

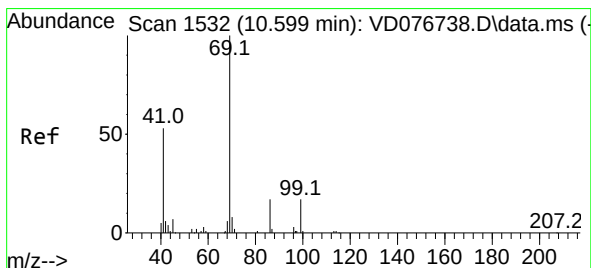
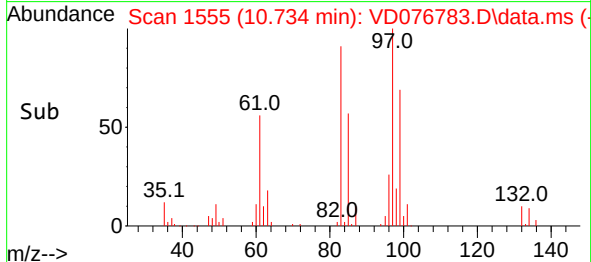
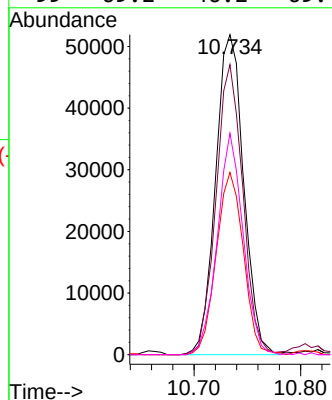
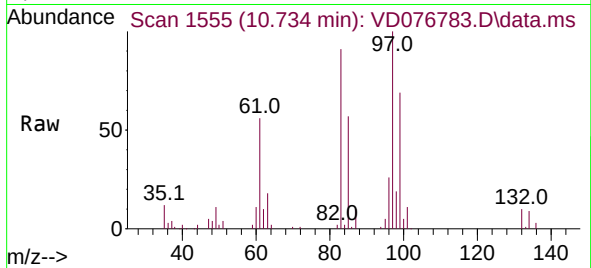




#55
1,1,2-Trichloroethane
Concen: 53.243 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

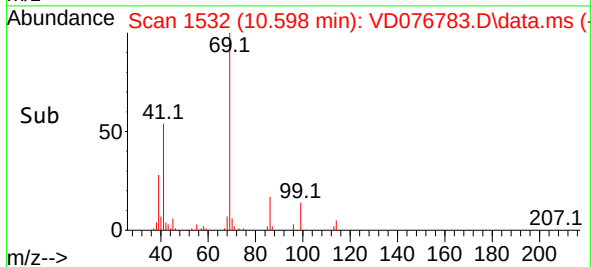
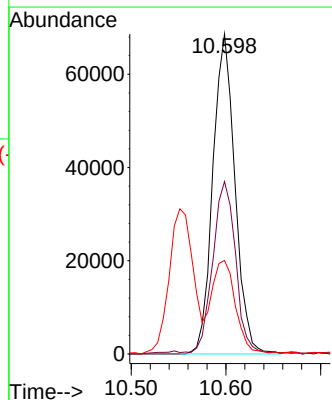
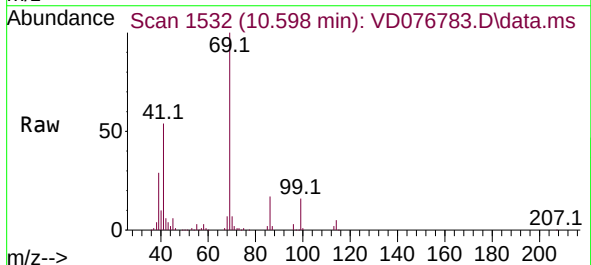
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

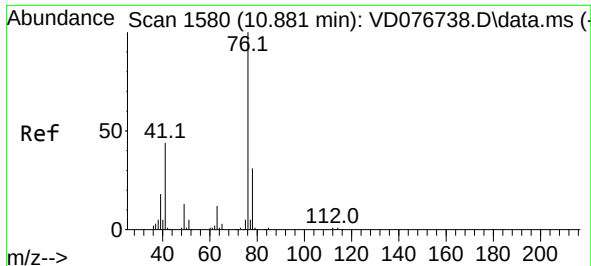
Tgt Ion:	97	Resp:	95141
Ion	Ratio	Lower	Upper
97	100		
83	90.7	65.8	98.6
85	57.0	45.7	68.5
99	69.2	46.2	69.4



#56
Ethyl methacrylate
Concen: 53.896 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion:	69	Resp:	111158
Ion	Ratio	Lower	Upper
69	100		
41	55.3	39.1	58.7
39	31.6	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 52.410 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

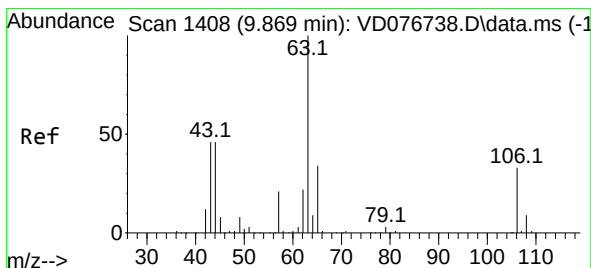
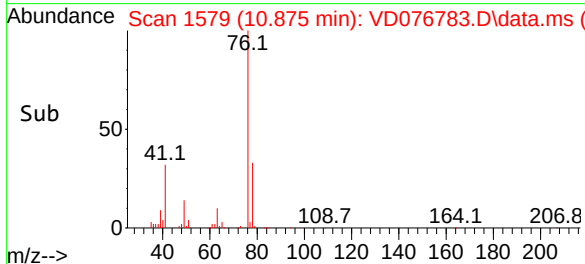
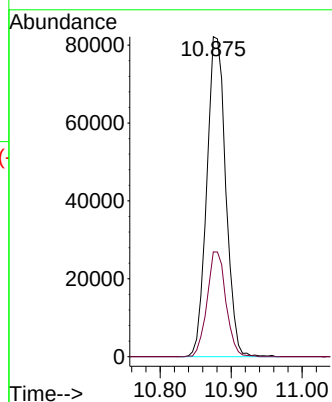
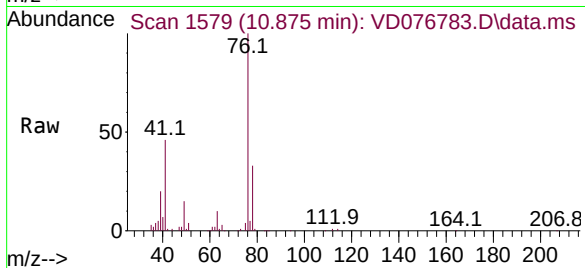
VSTDCCC050

Tgt Ion: 76 Resp: 152516

Ion Ratio Lower Upper

76 100

78 32.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 240.265 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076783.D

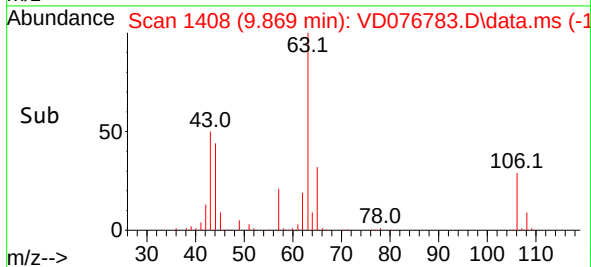
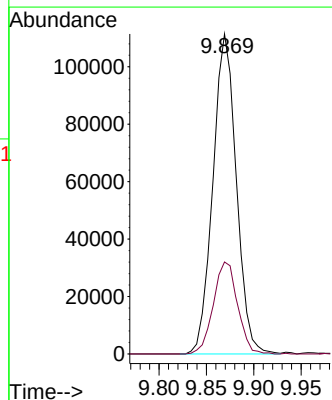
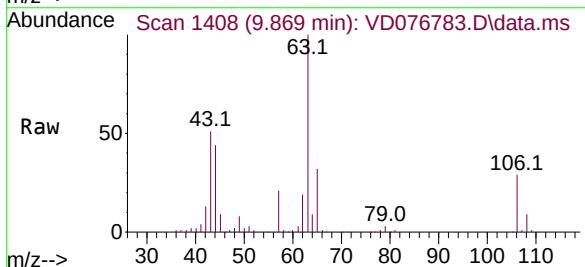
Acq: 19 Jul 2023 11:11

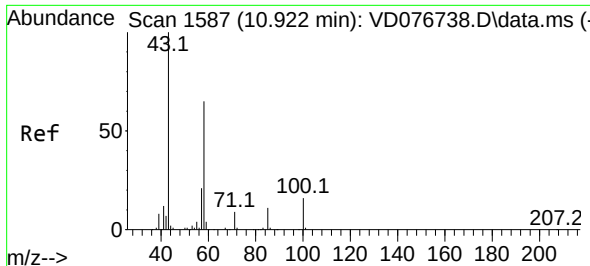
Tgt Ion: 63 Resp: 191812

Ion Ratio Lower Upper

63 100

106 29.6 25.3 37.9

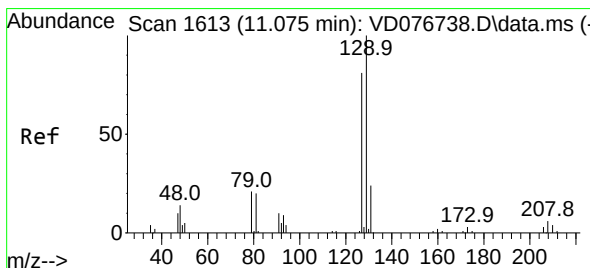
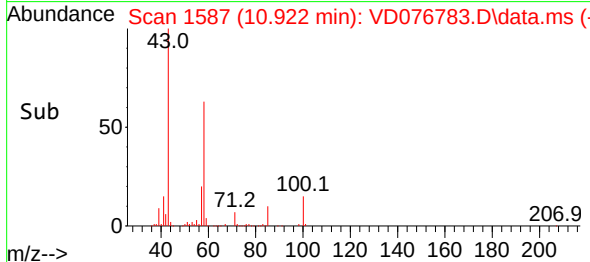
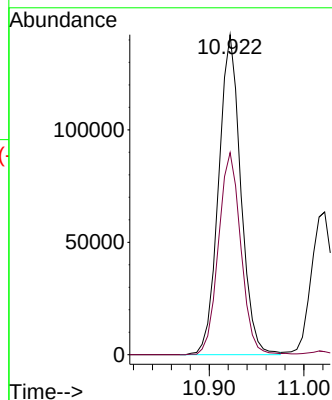
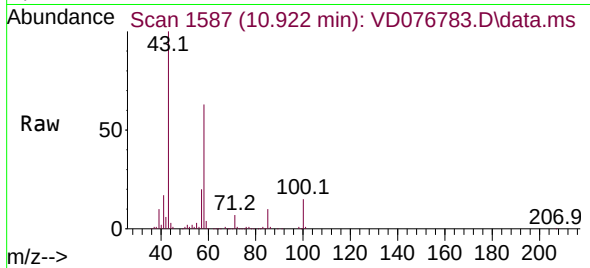




#59
2-Hexanone
Concen: 272.048 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

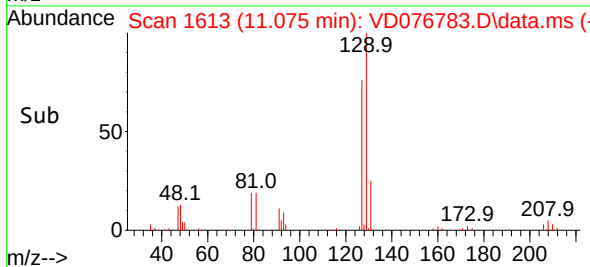
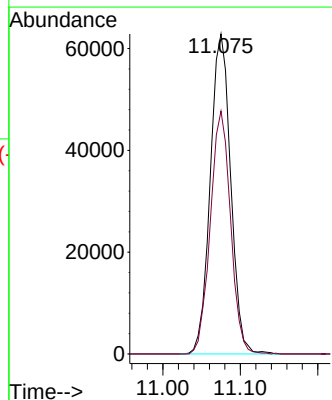
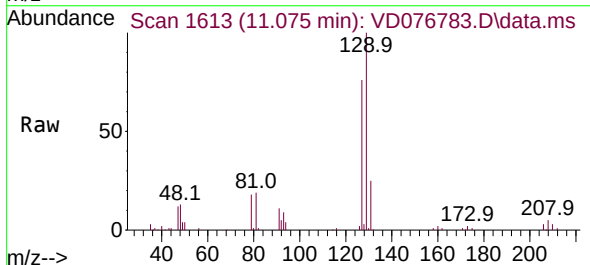
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

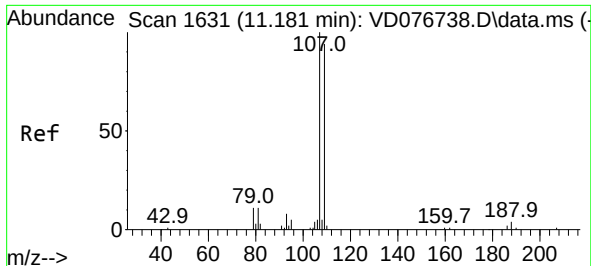
Tgt Ion: 43 Resp: 231536
Ion Ratio Lower Upper
43 100
58 63.7 34.1 102.2



#60
Dibromochloromethane
Concen: 55.350 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion: 129 Resp: 114899
Ion Ratio Lower Upper
129 100
127 75.3 37.1 111.5

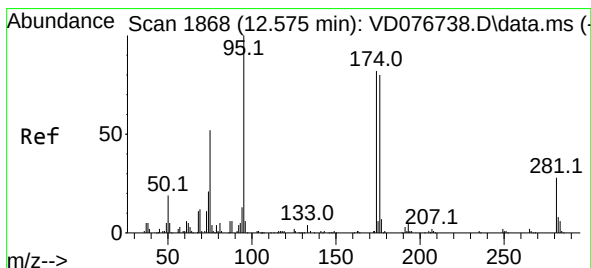
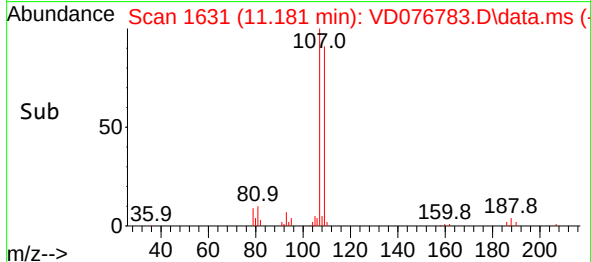
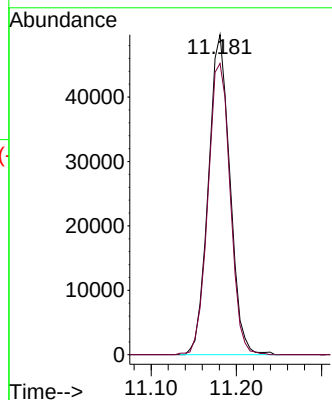
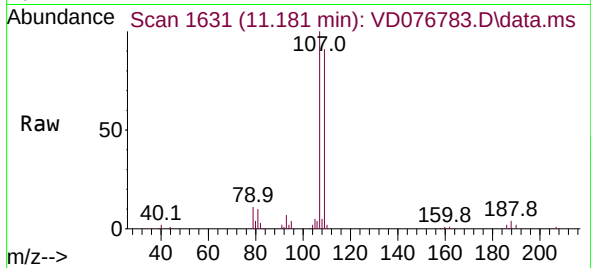




#61
1,2-Dibromoethane
Concen: 52.795 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

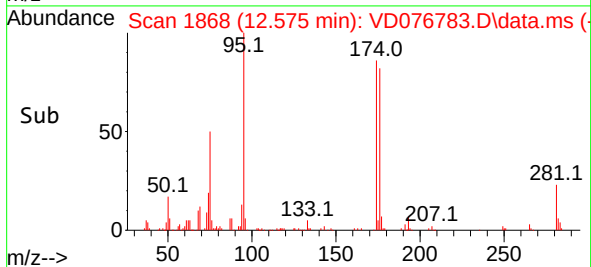
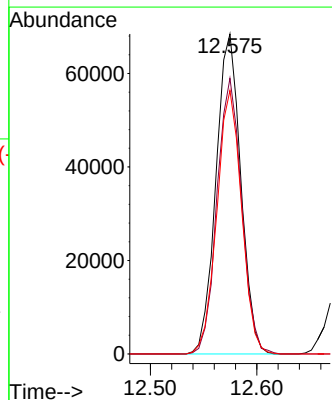
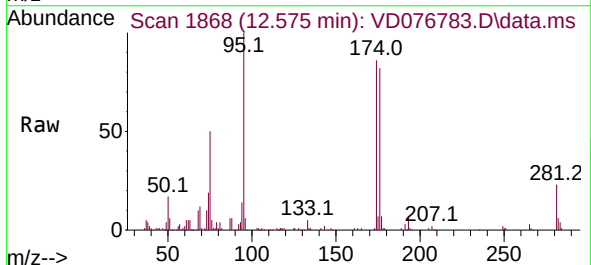
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

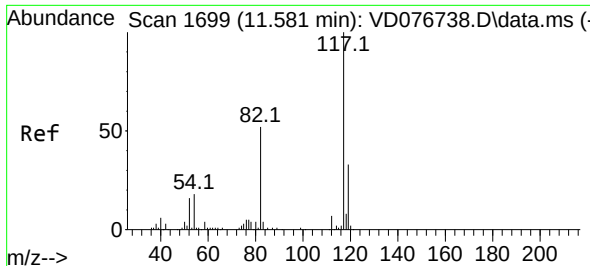
Tgt Ion:107 Resp: 87464
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.643 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion: 95 Resp: 110576
Ion Ratio Lower Upper
95 100
174 85.3 0.0 201.8
176 81.9 0.0 191.8

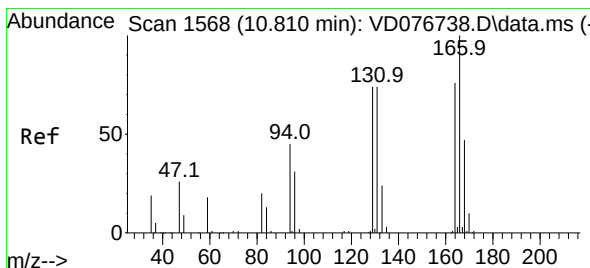
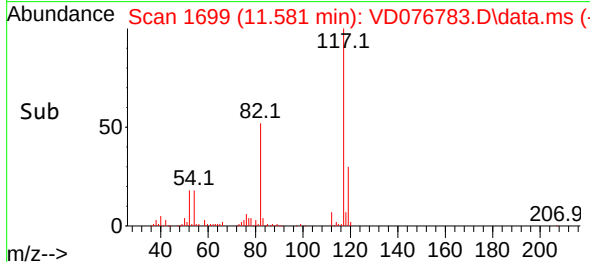
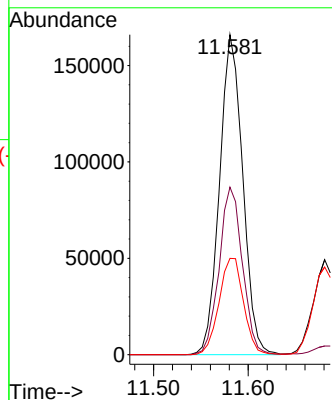
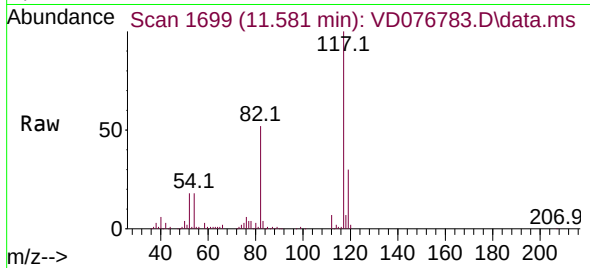




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

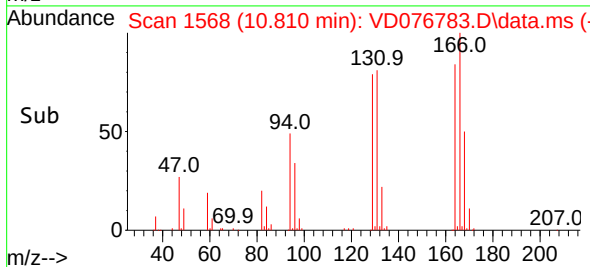
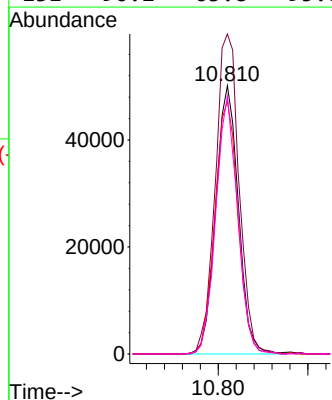
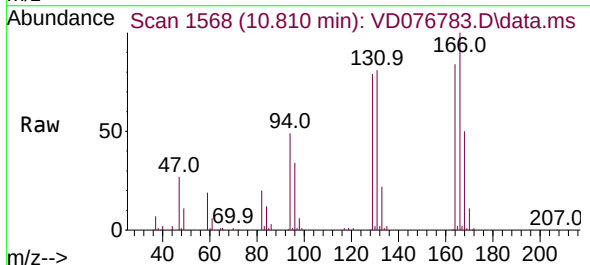
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

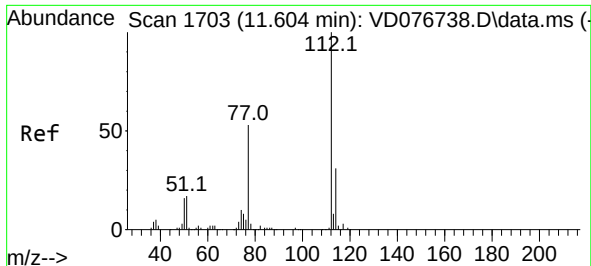
Tgt Ion:117 Resp: 282852
Ion Ratio Lower Upper
117 100
82 52.4 38.3 57.5
119 30.1 25.0 37.4



#64
Tetrachloroethene
Concen: 54.415 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion:164 Resp: 87764
Ion Ratio Lower Upper
164 100
166 119.4 99.2 148.8
129 94.3 68.4 102.6
131 96.2 63.8 95.8#

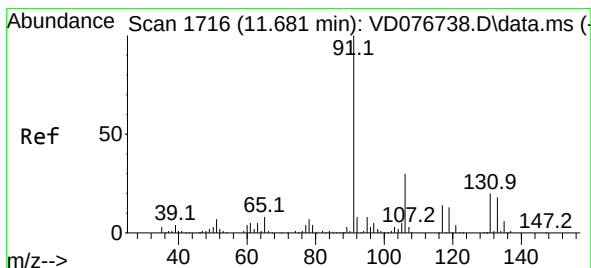
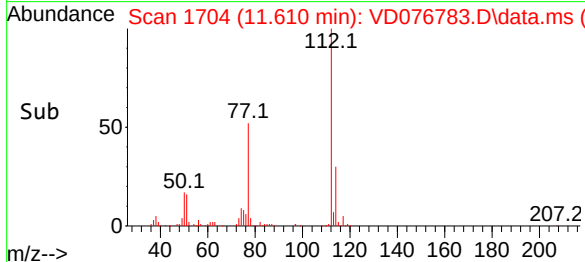
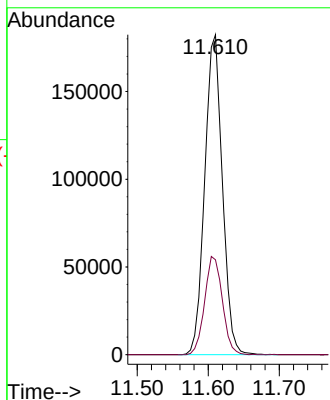
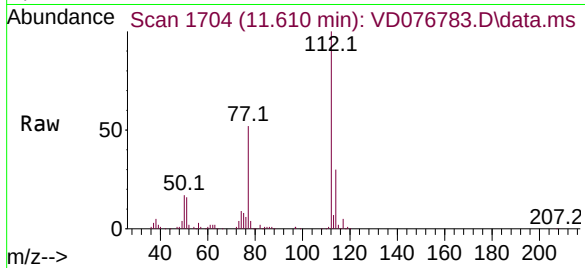




#65
Chlorobenzene
Concen: 55.283 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

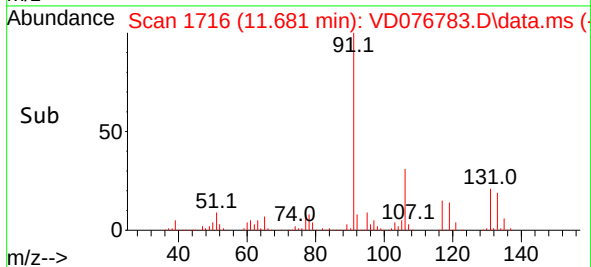
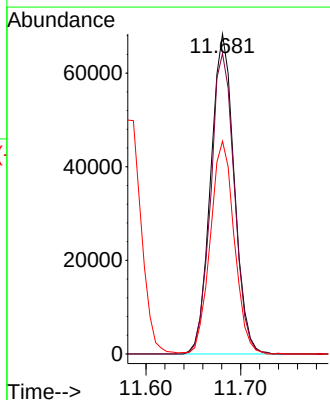
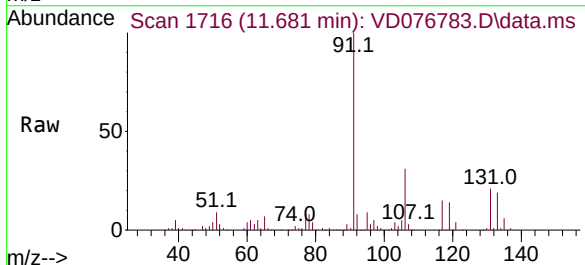
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

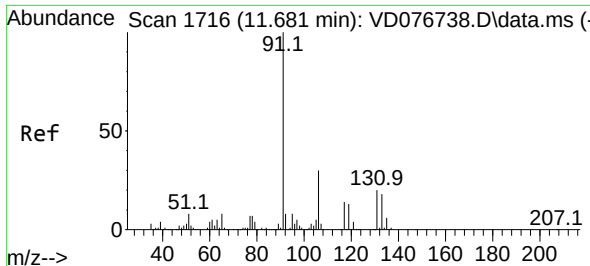
Tgt Ion:112 Resp: 314491
Ion Ratio Lower Upper
112 100
114 29.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 55.714 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion:131 Resp: 118000
Ion Ratio Lower Upper
131 100
133 94.5 48.5 145.5
119 67.6 35.6 106.9

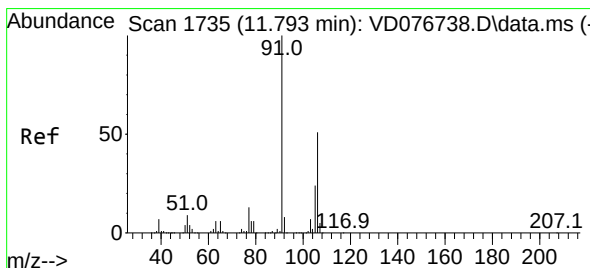
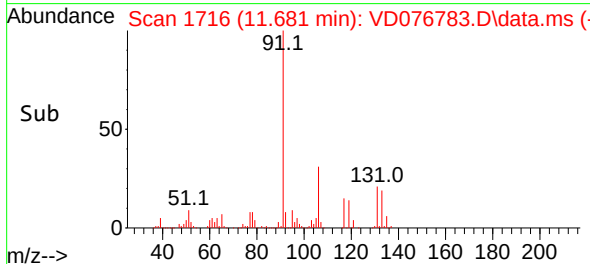
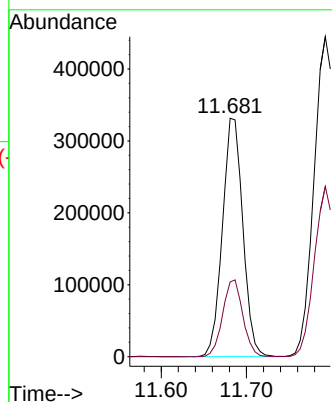
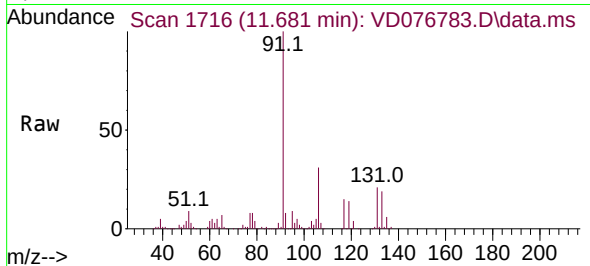




#67
Ethyl Benzene
Concen: 55.272 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

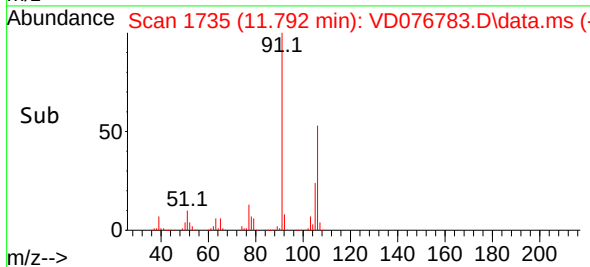
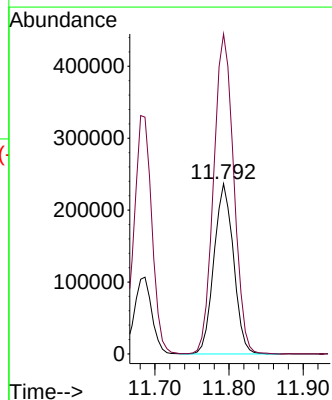
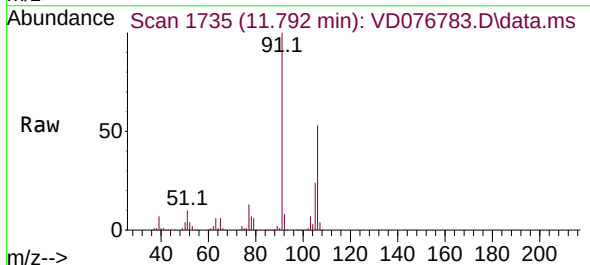
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

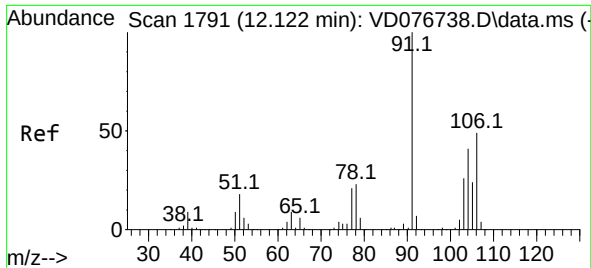
Tgt Ion: 91 Resp: 552202
Ion Ratio Lower Upper
91 100
106 31.4 26.5 39.7



#68
m/p-Xylenes
Concen: 112.969 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion:106 Resp: 433457
Ion Ratio Lower Upper
106 100
91 193.6 147.0 220.6

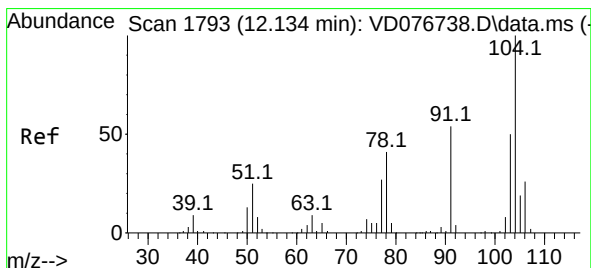
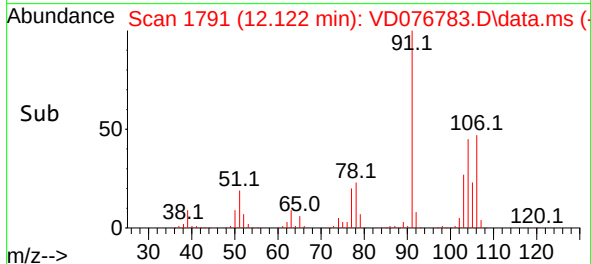
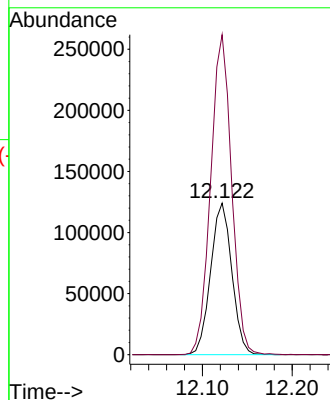
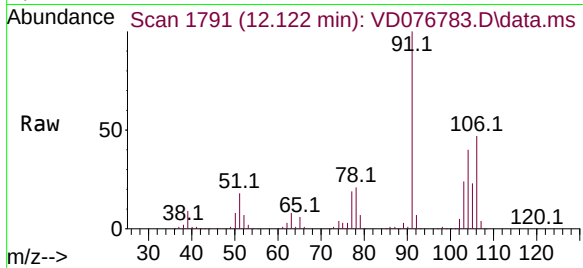




#69
o-Xylene
Concen: 54.870 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

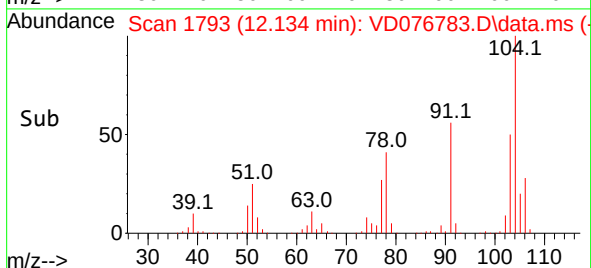
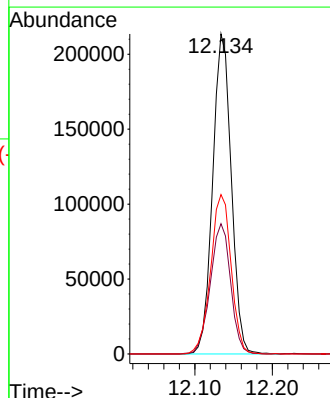
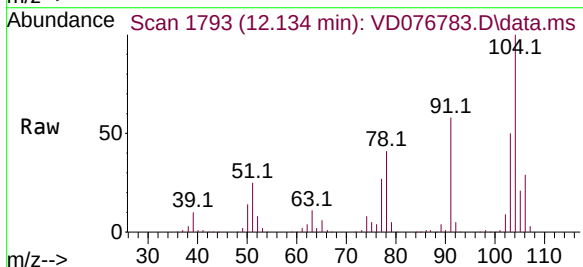
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

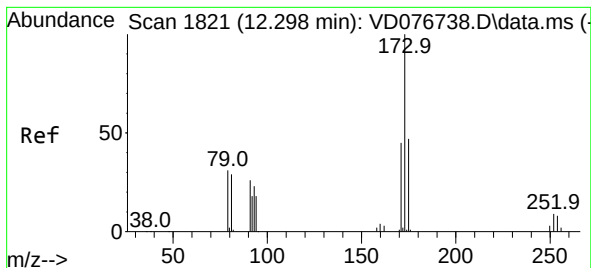
Tgt Ion:106 Resp: 203591
Ion Ratio Lower Upper
106 100
91 208.5 97.9 293.6



#70
Styrene
Concen: 54.797 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion:104 Resp: 355920
Ion Ratio Lower Upper
104 100
78 44.4 33.2 49.8
103 54.7 43.6 65.4





#71

Bromoform

Concen: 56.411 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

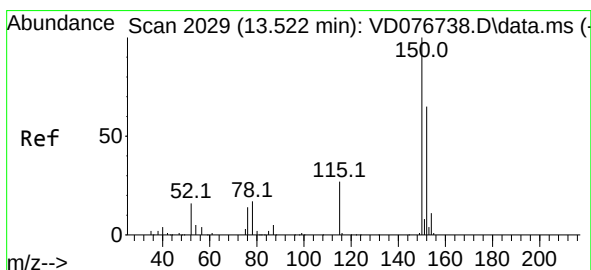
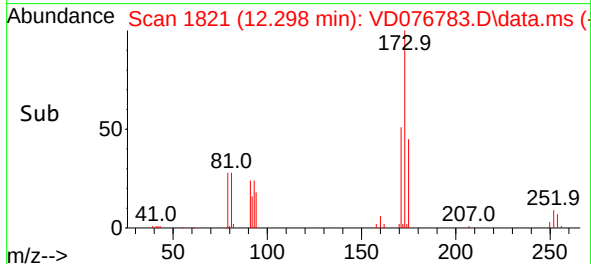
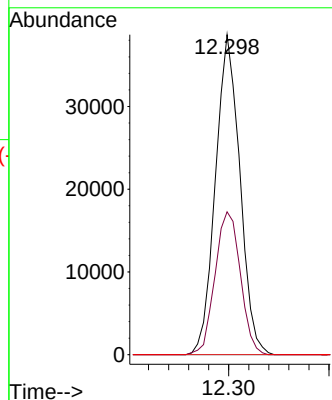
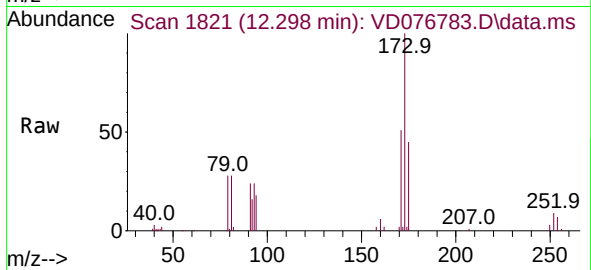
Tgt Ion:173 Resp: 65435

Ion Ratio Lower Upper

173 100

175 46.3 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

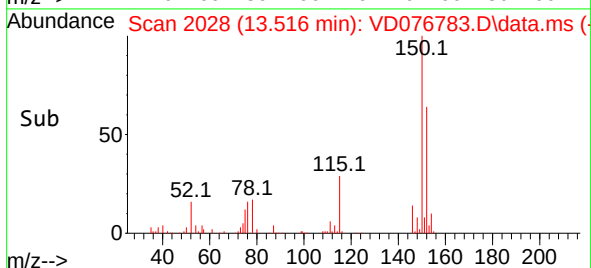
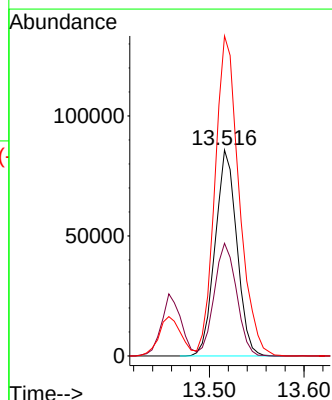
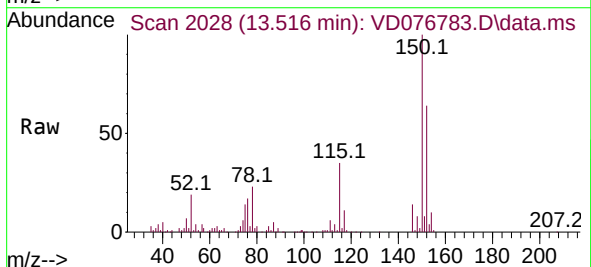
Tgt Ion:152 Resp: 136560

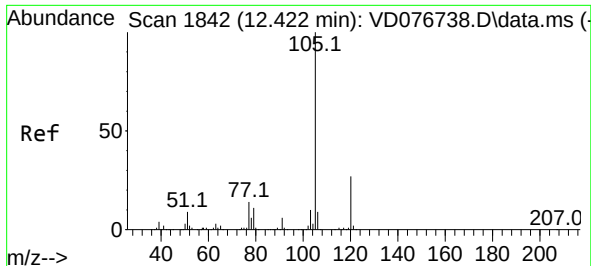
Ion Ratio Lower Upper

152 100

115 56.2 27.1 81.3

150 172.3 0.0 353.6

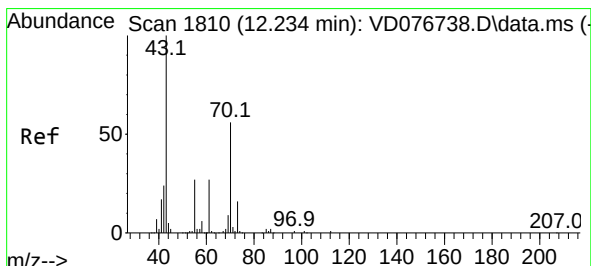
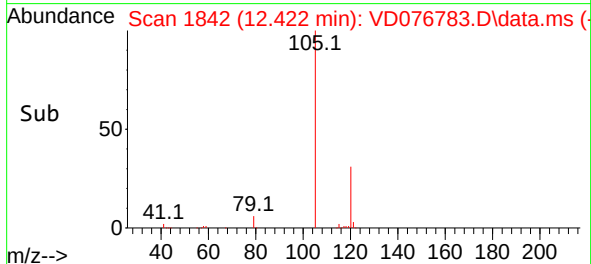
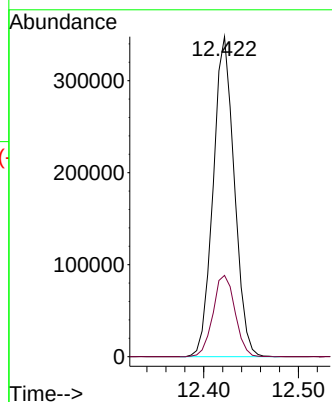
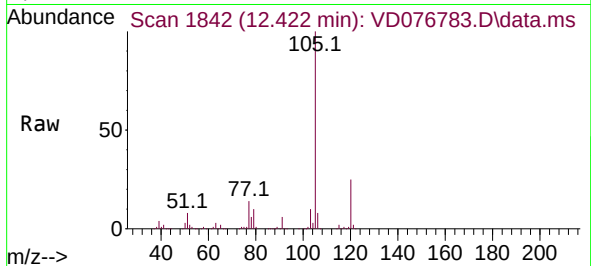




#73
Isopropylbenzene
Concen: 54.336 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

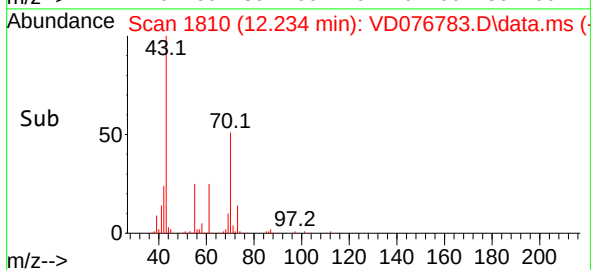
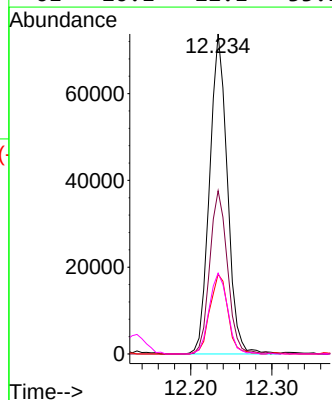
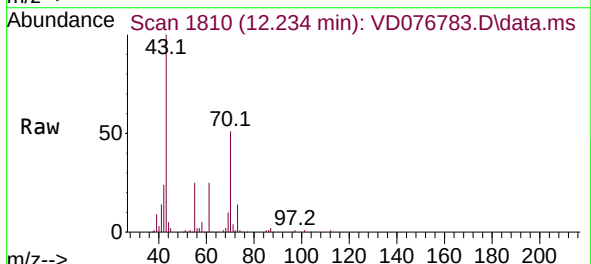
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

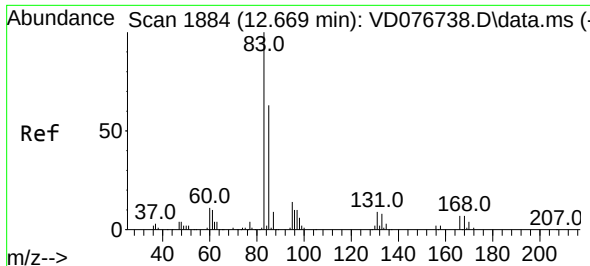
Tgt Ion:105 Resp: 538344
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9



#74
N-ethyl acetate
Concen: 53.723 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion: 43 Resp: 112134
Ion Ratio Lower Upper
43 100
70 51.0 45.0 67.4
55 25.1 23.8 35.6
61 26.1 22.1 33.1

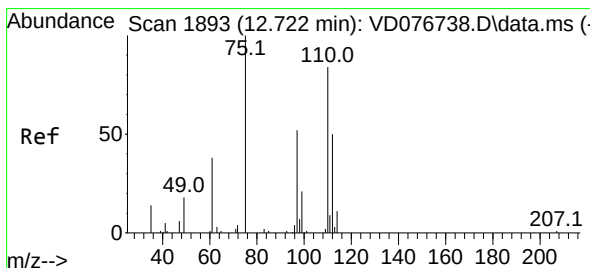
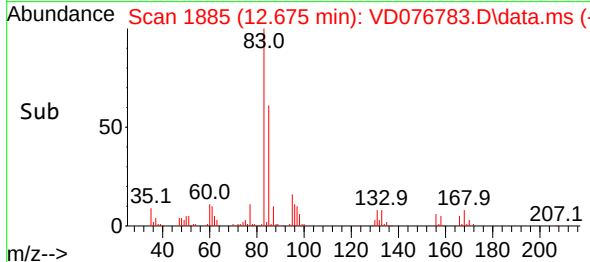
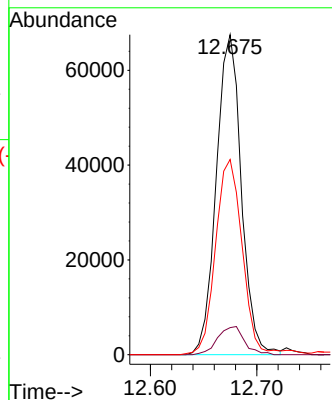
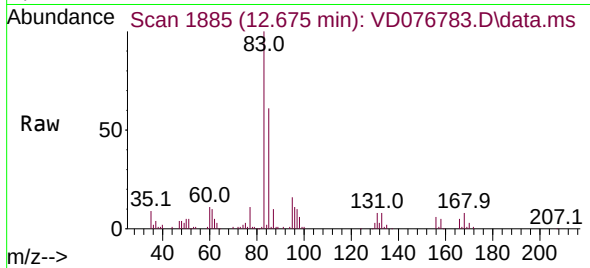




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.791 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD076783.D
 Acq: 19 Jul 2023 11:11

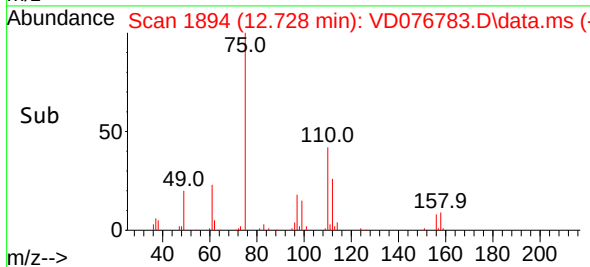
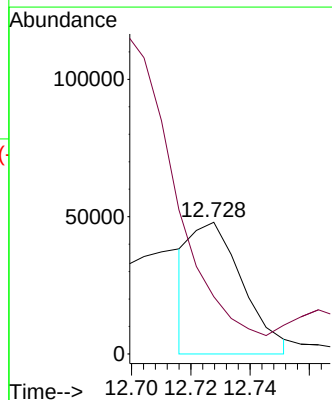
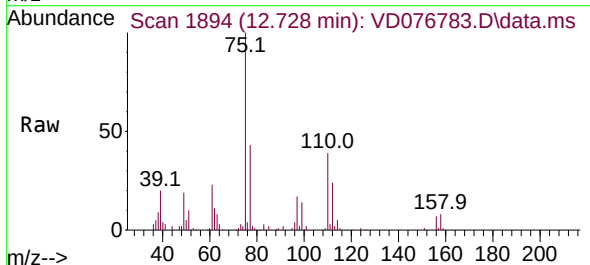
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

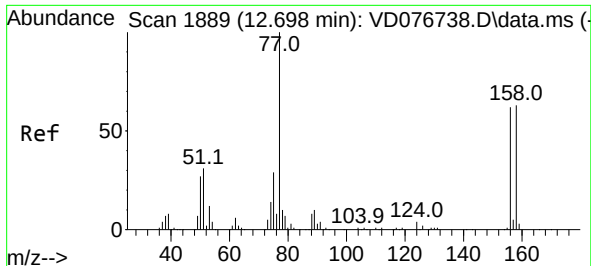
Tgt Ion: 83 Resp: 110174
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.1 15.3
 85 65.5 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 44.767 ug/l m
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD076783.D
 Acq: 19 Jul 2023 11:11

Tgt Ion: 75 Resp: 58138
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

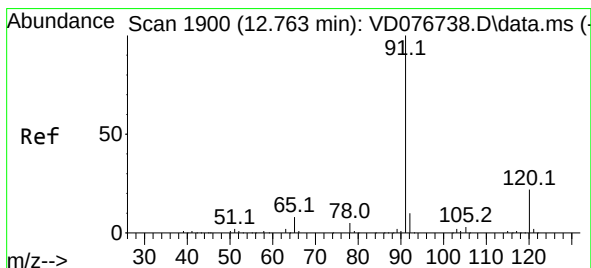
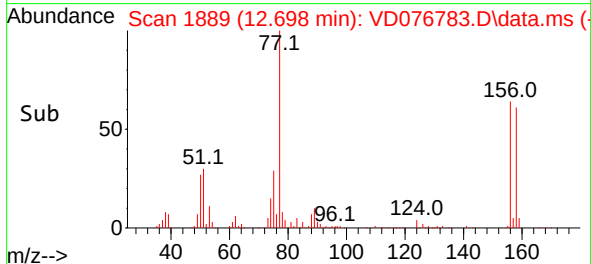
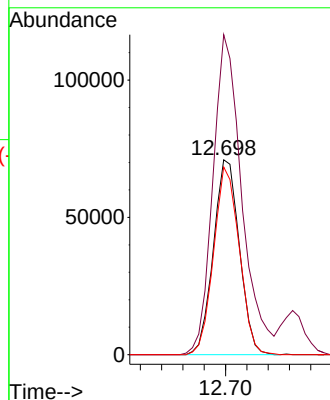
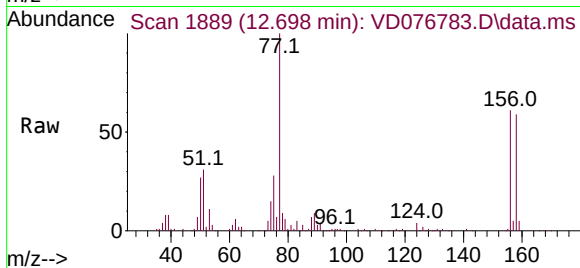




#77
Bromobenzene
Concen: 52.563 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

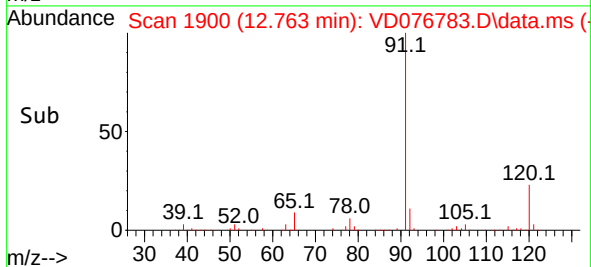
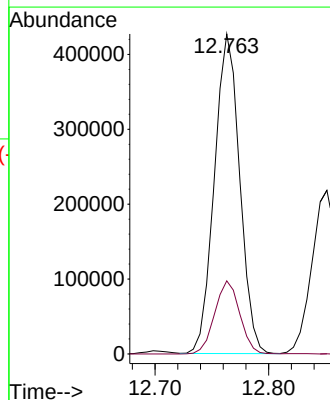
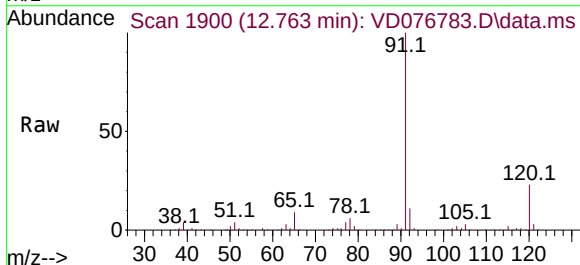
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

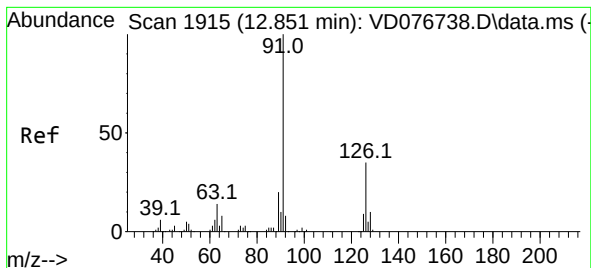
Tgt Ion:156 Resp: 120208
Ion Ratio Lower Upper
156 100
77 182.6 76.8 230.4
158 94.9 48.6 145.9



#78
n-propylbenzene
Concen: 55.015 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion: 91 Resp: 660799
Ion Ratio Lower Upper
91 100
120 22.6 12.4 37.2





#79

2-Chlorotoluene

Concen: 53.855 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

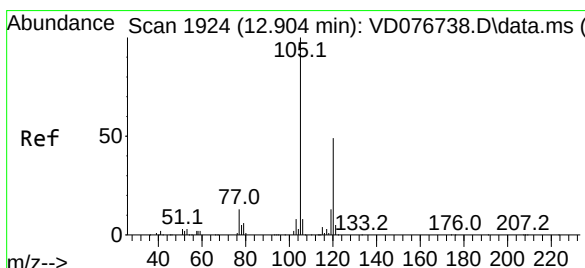
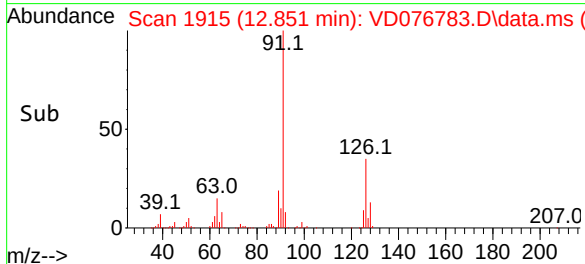
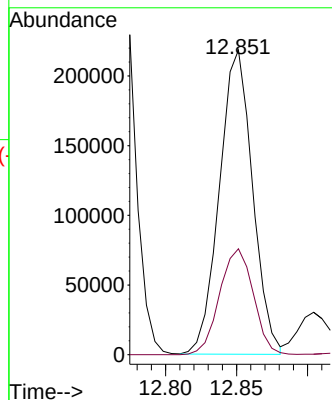
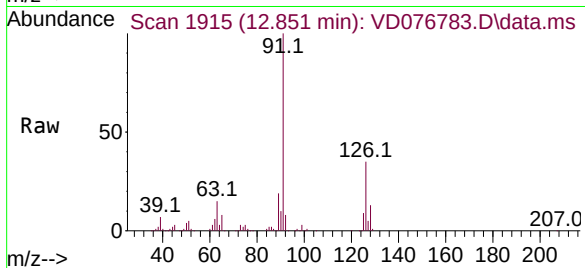
VSTDCCC050

Tgt Ion: 91 Resp: 354682

Ion Ratio Lower Upper

91 100

126 35.4 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 54.307 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076783.D

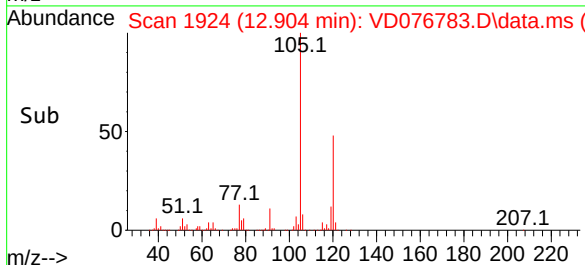
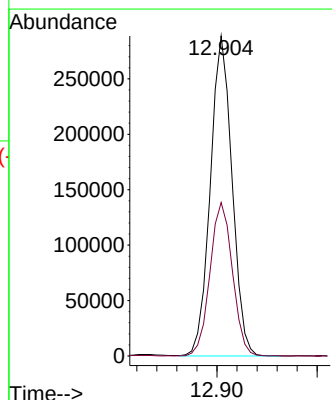
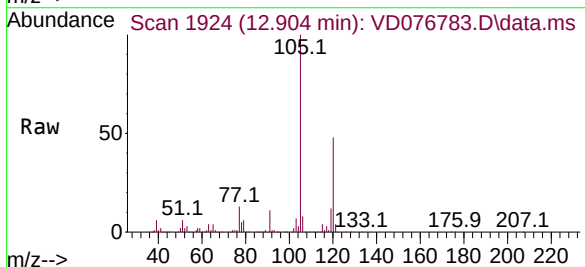
Acq: 19 Jul 2023 11:11

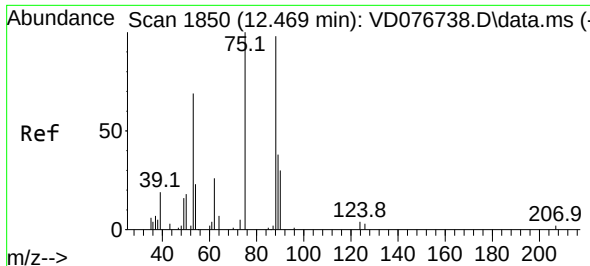
Tgt Ion: 105 Resp: 435070

Ion Ratio Lower Upper

105 100

120 49.4 26.4 79.2

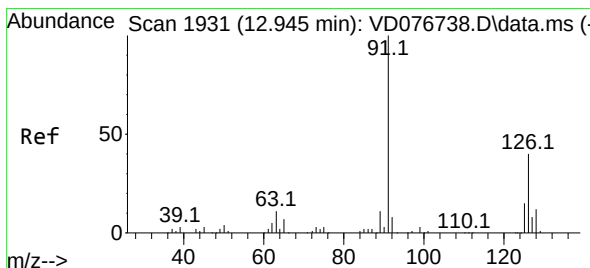
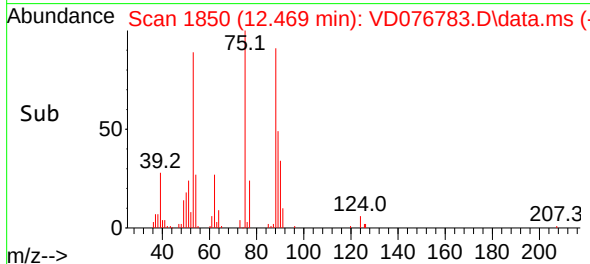
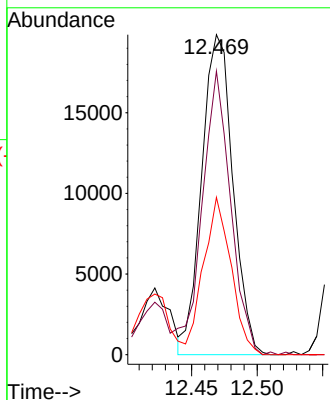
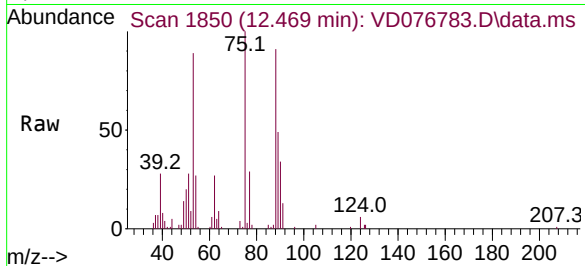




#81
trans-1,4-Dichloro-2-butene
Concen: 53.741 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

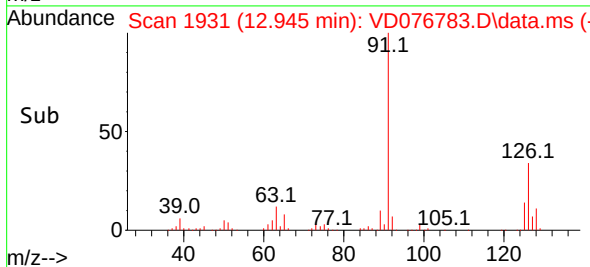
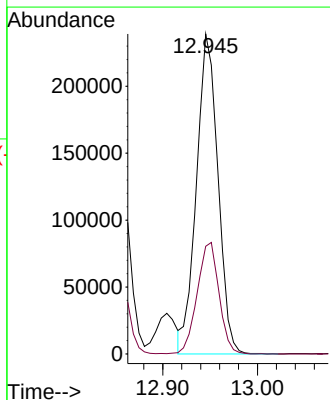
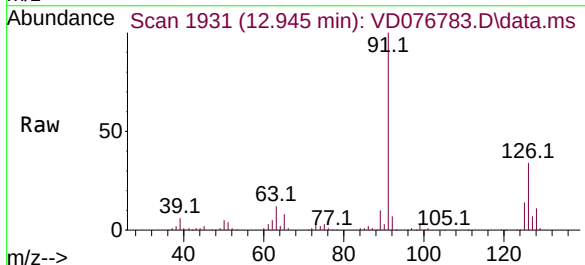
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

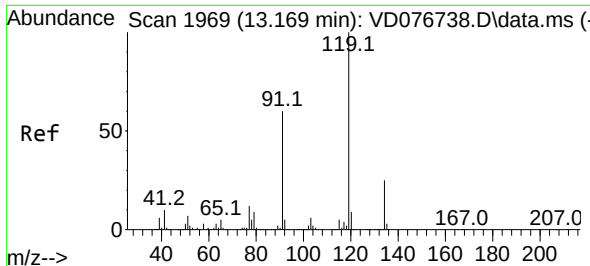
Tgt Ion:	75	Resp:	32793
Ion	Ratio	Lower	Upper
75	100		
53	80.0	63.0	94.4
89	43.5	37.9	56.9



#82
4-Chlorotoluene
Concen: 54.752 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion:	91	Resp:	376703
Ion	Ratio	Lower	Upper
91	100		
126	35.4	19.4	58.4

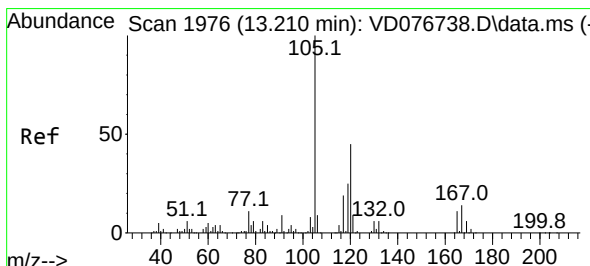
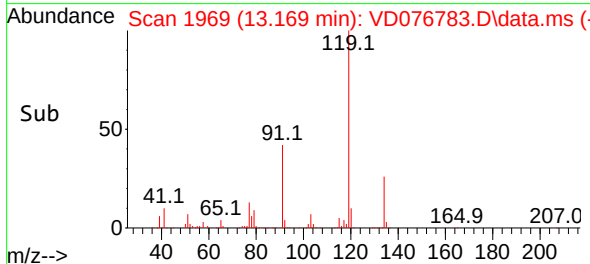
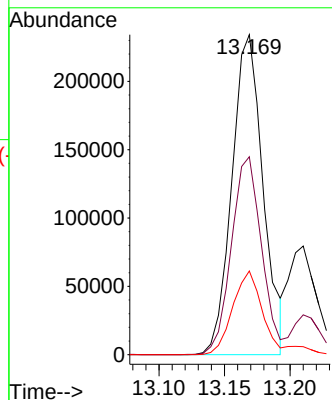
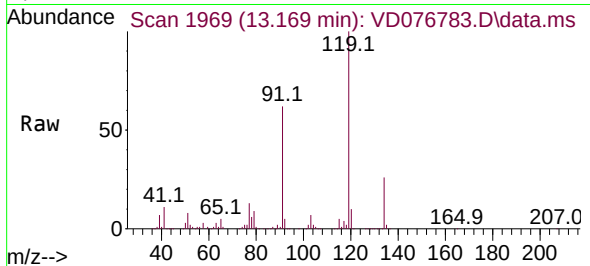




#83
tert-Butylbenzene
Concen: 54.948 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

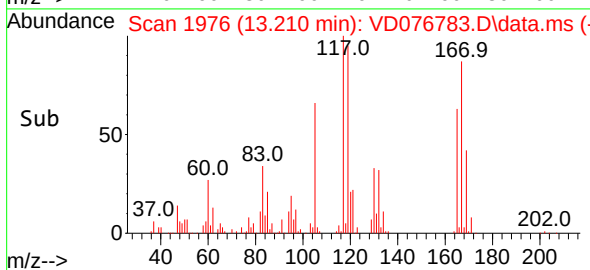
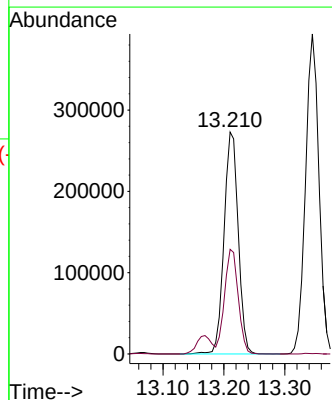
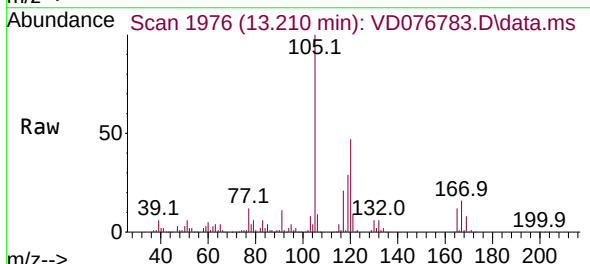
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

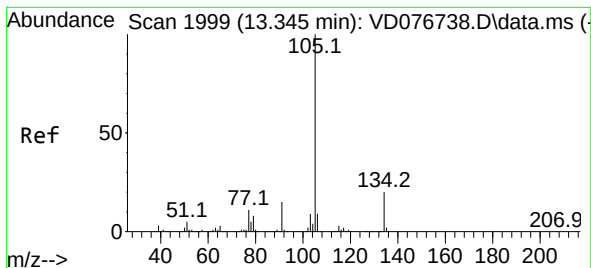
Tgt Ion:119 Resp: 387599
Ion Ratio Lower Upper
119 100
91 59.7 29.3 87.8
134 26.6 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 53.910 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion:105 Resp: 441346
Ion Ratio Lower Upper
105 100
120 45.4 24.3 72.9





#85

sec-Butylbenzene

Concen: 55.738 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

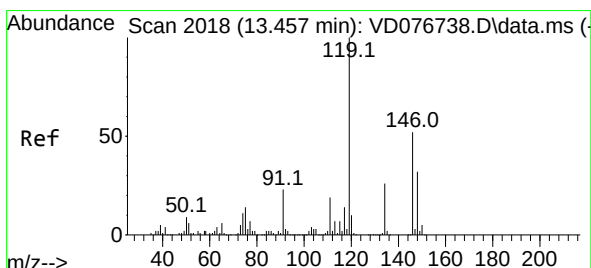
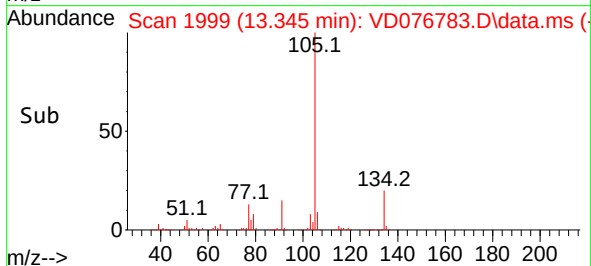
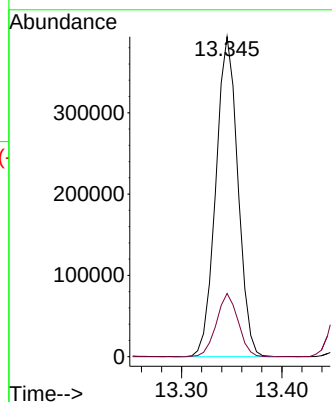
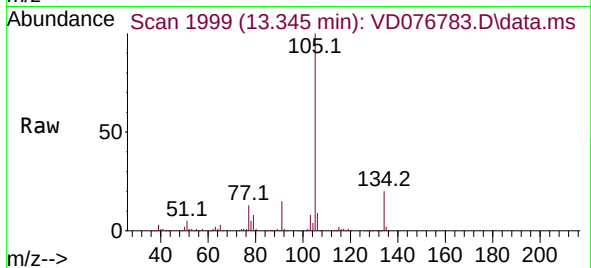
VSTDCCC050

Tgt Ion:105 Resp: 600697

Ion Ratio Lower Upper

105 100

134 19.4 10.9 32.9



#86

p-Isopropyltoluene

Concen: 55.195 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

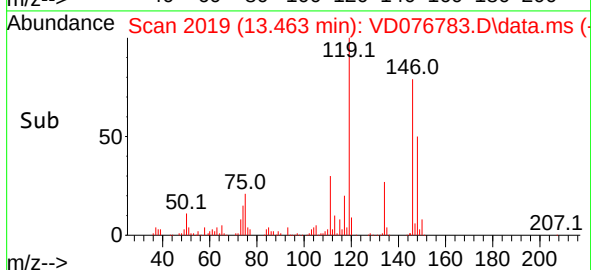
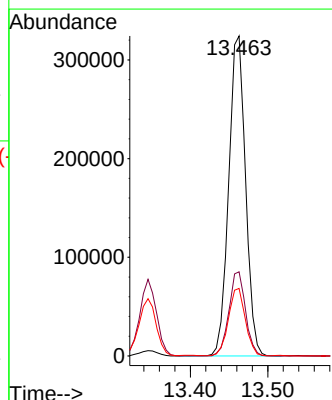
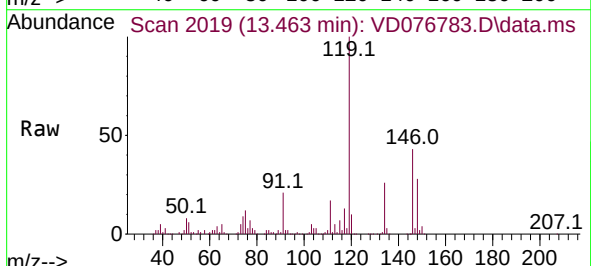
Tgt Ion:119 Resp: 491257

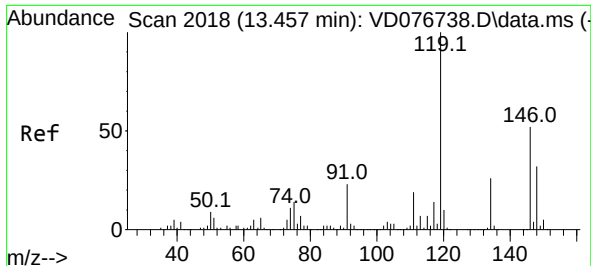
Ion Ratio Lower Upper

119 100

134 25.9 14.2 42.6

91 21.1 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 53.077 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

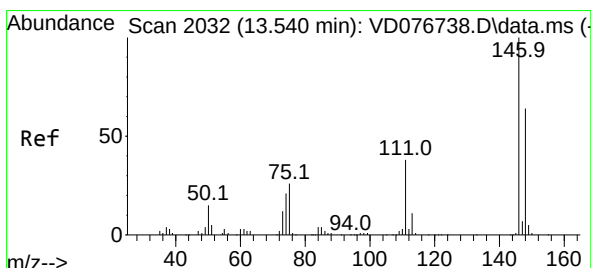
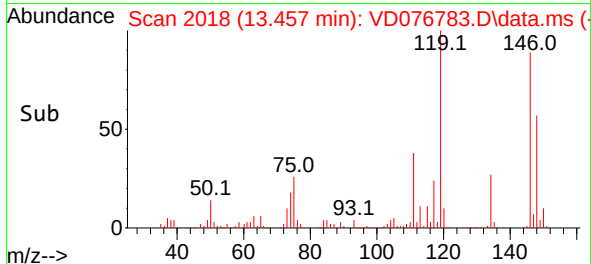
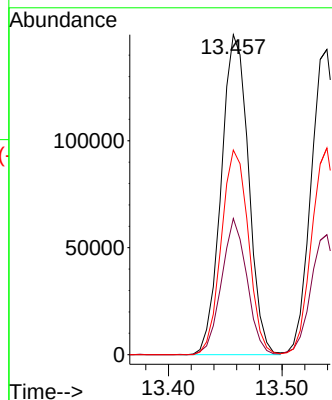
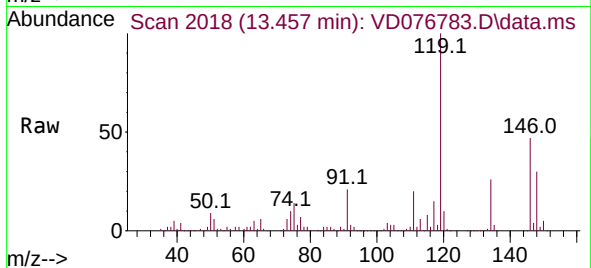
Tgt Ion:146 Resp: 249667

Ion Ratio Lower Upper

146 100

111 39.6 17.9 53.8

148 63.4 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 52.761 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.001 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

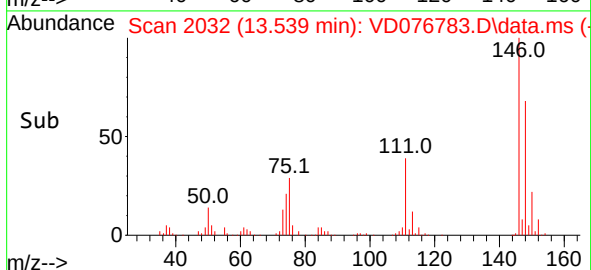
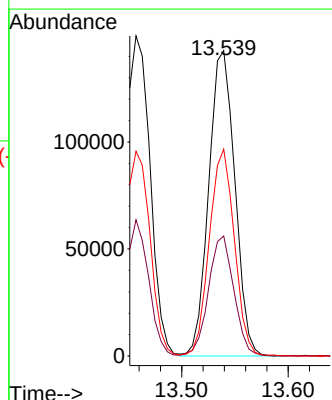
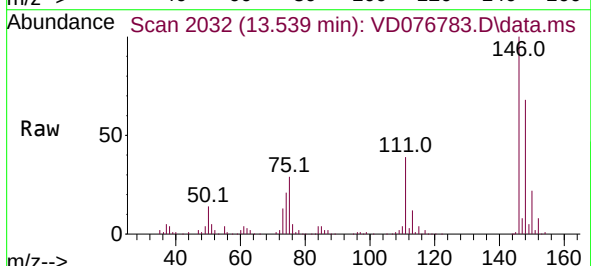
Tgt Ion:146 Resp: 243151

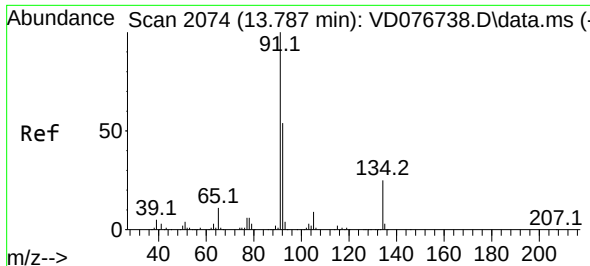
Ion Ratio Lower Upper

146 100

111 38.2 17.4 52.3

148 65.1 31.7 95.1

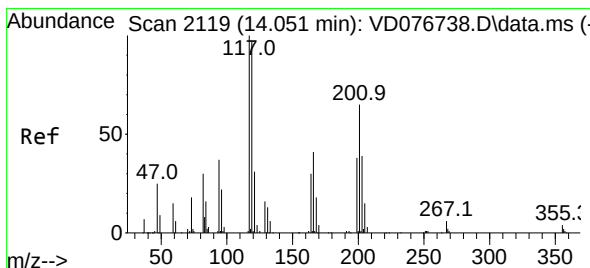
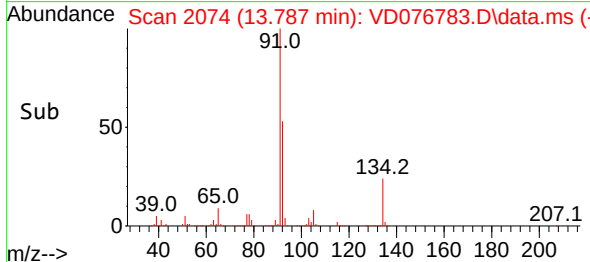
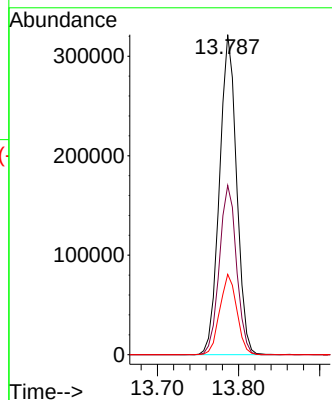
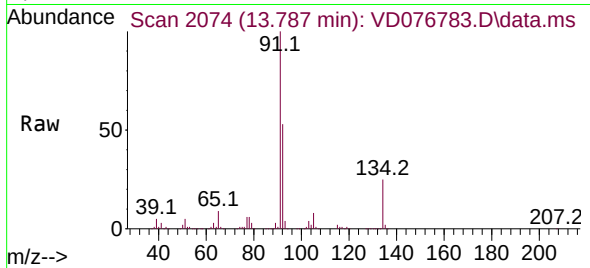




#89
n-Butylbenzene
Concen: 54.194 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.001 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

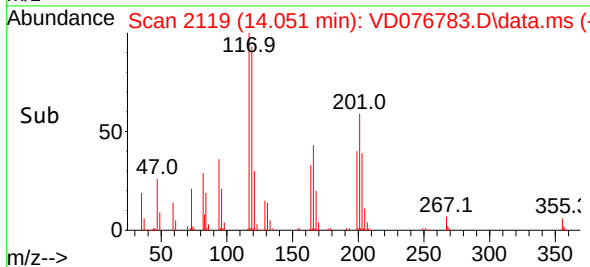
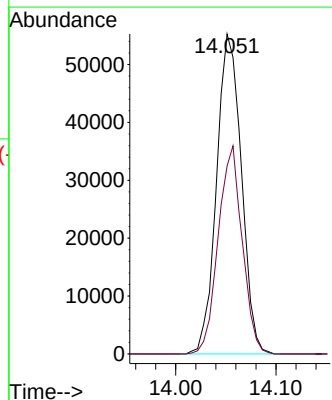
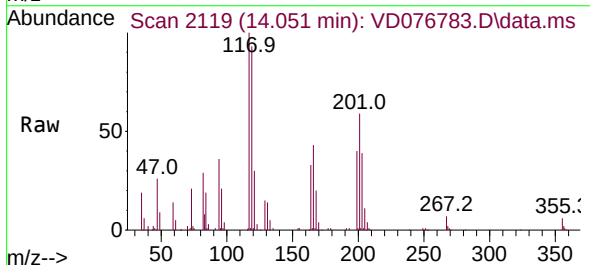
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

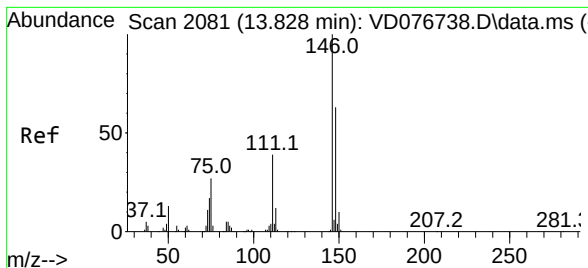
Tgt Ion: 91 Resp: 472002
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 24.9 13.8 41.3



#90
Hexachloroethane
Concen: 57.697 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076783.D
Acq: 19 Jul 2023 11:11

Tgt Ion: 117 Resp: 94939
Ion Ratio Lower Upper
117 100
201 62.8 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 52.936 ug/l

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

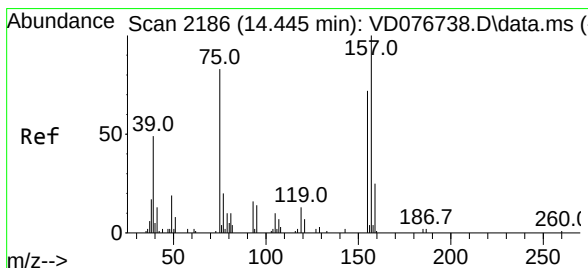
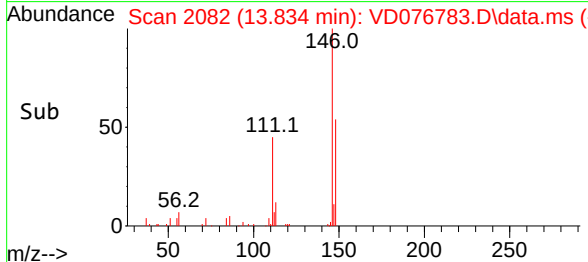
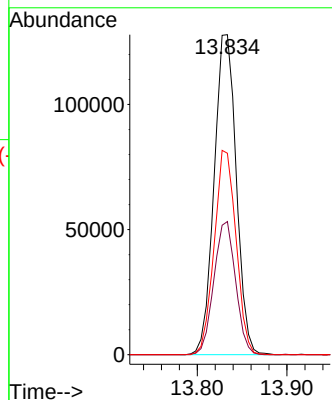
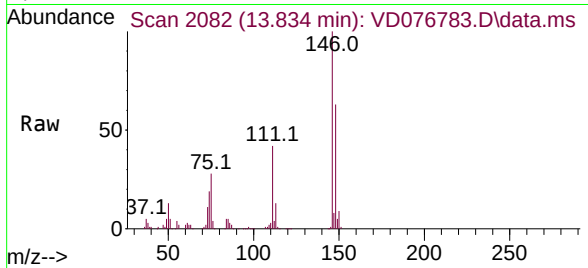
Tgt Ion:146 Resp: 219413

Ion Ratio Lower Upper

146 100

111 40.8 18.3 54.8

148 62.8 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.553 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

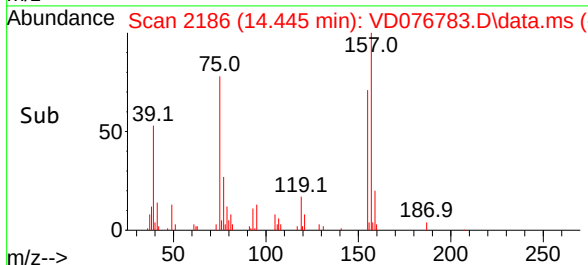
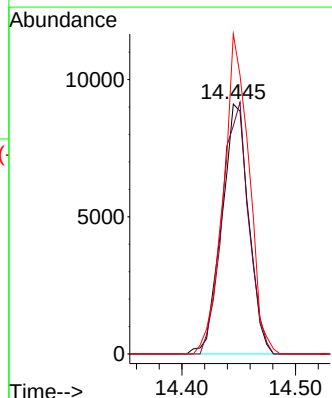
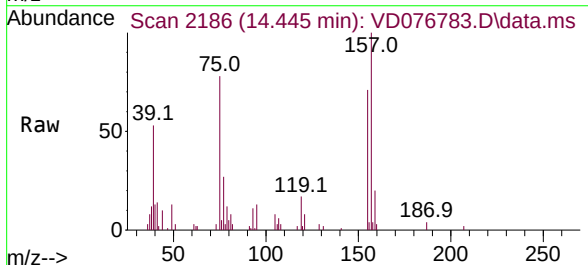
Tgt Ion: 75 Resp: 15030

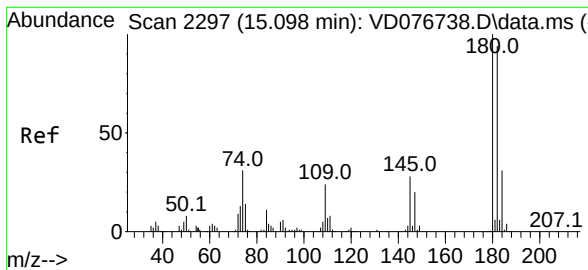
Ion Ratio Lower Upper

75 100

155 99.0 47.9 143.8

157 121.5 59.9 179.7

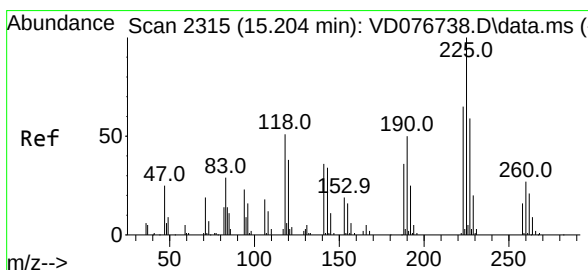
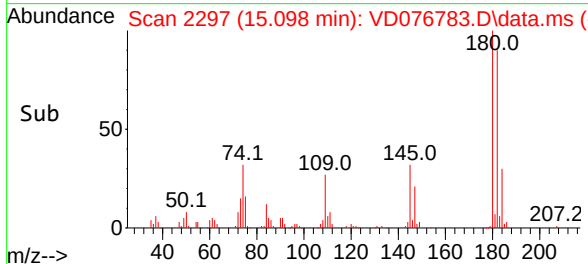
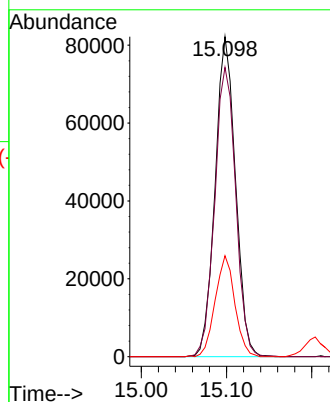
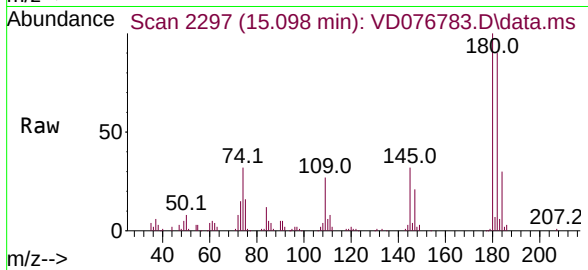




#93
 1,2,4-Trichlorobenzene
 Concen: 53.946 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD076783.D
 Acq: 19 Jul 2023 11:11

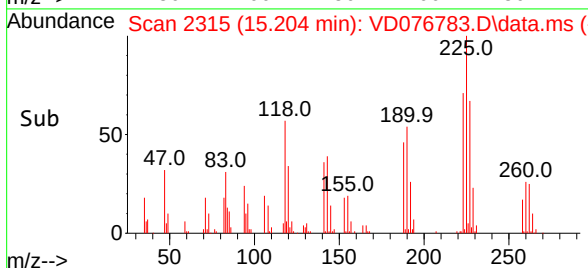
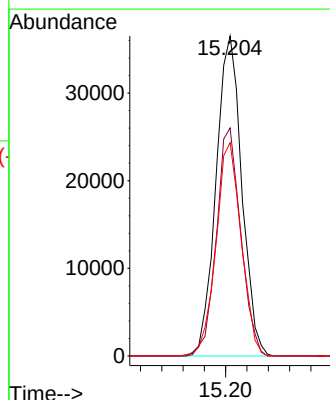
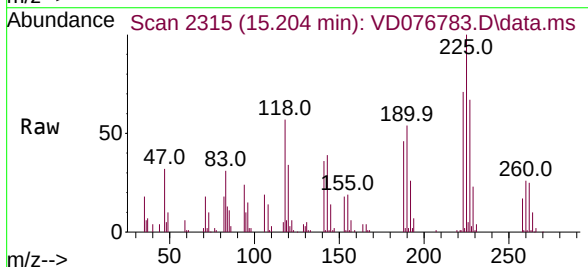
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

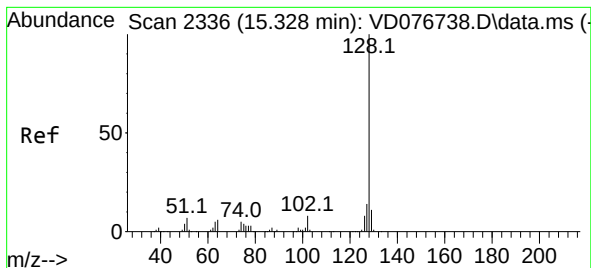
Tgt Ion:180 Resp: 136508
 Ion Ratio Lower Upper
 180 100
 182 93.3 48.5 145.6
 145 30.4 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 50.333 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD076783.D
 Acq: 19 Jul 2023 11:11

Tgt Ion:225 Resp: 61255
 Ion Ratio Lower Upper
 225 100
 223 67.2 31.6 94.8
 227 65.1 31.7 95.1





#95

Naphthalene

Concen: 51.444 ug/l

RT: 15.333 min Scan# 21

Delta R.T. 0.005 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

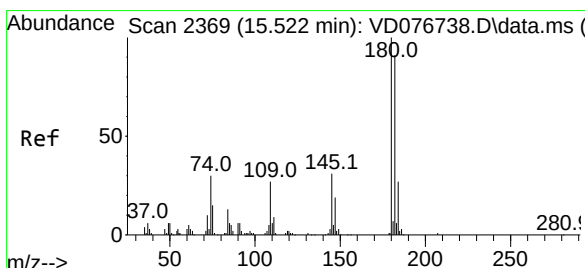
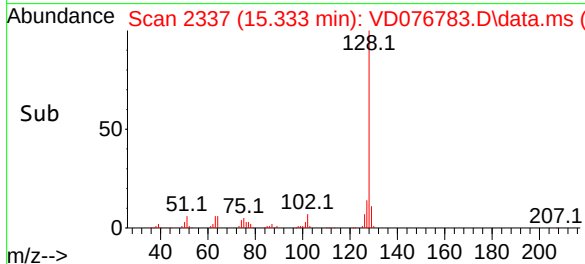
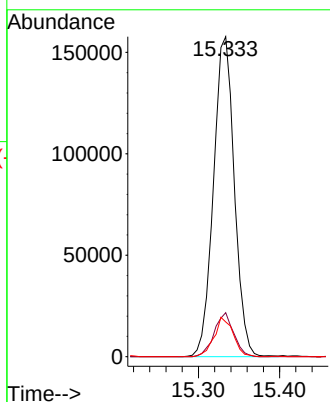
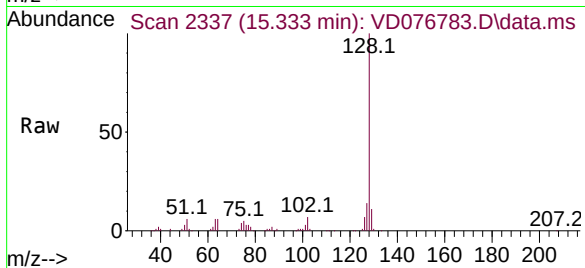
Tgt Ion:128 Resp: 281861

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 53.691 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076783.D

Acq: 19 Jul 2023 11:11

Tgt Ion:180 Resp: 121922

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.9

145 32.2 15.1 45.3

