

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
 Data File : VD077785.D
 Acq On : 08 Dec 2023 11:01
 Operator : JC/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 08 12:26:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 12:22:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	150411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	241218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	226079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	121113	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	91080	50.629	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.260%	
35) Dibromofluoromethane	7.810	113	91476	53.112	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.220%	
50) Toluene-d8	10.269	98	377422	54.963	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.920%	
62) 4-Bromofluorobenzene	12.575	95	109950	53.702	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	90833	47.577	ug/l	96
3) Chloromethane	2.152	50	126270	49.526	ug/l	98
4) Vinyl Chloride	2.293	62	178557	50.193	ug/l	99
5) Bromomethane	2.699	94	101362	51.426	ug/l	99
6) Chloroethane	2.846	64	120908	50.206	ug/l	99
7) Trichlorofluoromethane	3.181	101	163446	50.704	ug/l	97
8) Diethyl Ether	3.599	74	46207	51.257	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.975	101	94580	50.992	ug/l	98
10) Methyl Iodide	4.169	142	81482	50.319	ug/l #	90
11) Tert butyl alcohol	5.046	59	20929	243.049	ug/l #	73
12) 1,1-Dichloroethene	3.946	96	93588	51.013	ug/l	86
13) Acrolein	3.799	56	46368	238.003	ug/l	97
14) Allyl chloride	4.569	41	126455	50.470	ug/l #	89
15) Acrylonitrile	5.258	53	96879	246.628	ug/l	100
16) Acetone	4.022	43	88980	236.142	ug/l #	81
17) Carbon Disulfide	4.275	76	311726	50.430	ug/l	97
18) Methyl Acetate	4.569	43	70267	49.343	ug/l	89
19) Methyl tert-butyl Ether	5.328	73	195719	50.043	ug/l	97
20) Methylene Chloride	4.811	84	109359	52.339	ug/l #	84
21) trans-1,2-Dichloroethene	5.316	96	108916	52.755	ug/l	93
22) Diisopropyl ether	6.222	45	271671	51.780	ug/l	95
23) Vinyl Acetate	6.163	43	659796	264.508	ug/l #	88
24) 1,1-Dichloroethane	6.122	63	180877	50.974	ug/l	98
25) 2-Butanone	7.087	43	115740	232.323	ug/l #	81
26) 2,2-Dichloropropane	7.081	77	151050	50.680	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	115723	51.840	ug/l	89
28) Bromochloromethane	7.434	49	73266	51.017	ug/l #	77
29) Tetrahydrofuran	7.446	42	70824	245.433	ug/l	87
30) Chloroform	7.599	83	183058	50.951	ug/l	95
31) Cyclohexane	7.881	56	158689	49.972	ug/l	87
32) 1,1,1-Trichloroethane	7.799	97	162244	51.863	ug/l	99
36) 1,1-Dichloropropene	8.010	75	148027	54.385	ug/l	96
37) Ethyl Acetate	7.175	43	50033	51.351	ug/l	94
38) Carbon Tetrachloride	7.993	117	147247	53.929	ug/l	98
39) Methylcyclohexane	9.275	83	179976	55.606	ug/l	89
40) Benzene	8.257	78	417103	53.729	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	26197	47.185	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	107107	53.123	ug/l	93
43) Isopropyl Acetate	8.363	43	97477	51.264	ug/l #	92
44) Trichloroethene	9.034	130	110045	54.282	ug/l	94
45) 1,2-Dichloropropane	9.310	63	100645	52.875	ug/l	100
46) Dibromomethane	9.399	93	53361	53.368	ug/l	95
47) Bromodichloromethane	9.587	83	136693	53.850	ug/l	100
48) Methyl methacrylate	9.381	41	56442	52.001	ug/l #	77
49) 1,4-Dioxane	9.387	88	9211	919.150	ug/l #	73
51) 4-Methyl-2-Pentanone	10.163	43	254551	261.502	ug/l	87
52) Toluene	10.334	92	267010	55.400	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	131259	53.893	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	158865	53.912	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	72697	52.816	ug/l	96
56) Ethyl methacrylate	10.599	69	64579	53.331	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	126424	53.487	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	167773	244.195	ug/l	93
59) 2-Hexanone	10.922	43	184655	248.189	ug/l	86
60) Dibromochloromethane	11.075	129	88386	53.141	ug/l	96
61) 1,2-Dibromoethane	11.181	107	67204	51.629	ug/l	98
64) Tetrachloroethene	10.810	164	90084	53.683	ug/l	94
65) Chlorobenzene	11.610	112	279118	52.155	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	101234	53.152	ug/l	94
67) Ethyl Benzene	11.687	91	512770	54.126	ug/l	100
68) m/p-Xylenes	11.793	106	400720	110.228	ug/l	91
69) o-Xylene	12.122	106	182644	54.464	ug/l	92
70) Styrene	12.140	104	273800	55.080	ug/l	94
71) Bromoform	12.298	173	51902	52.302	ug/l #	99
73) Isopropylbenzene	12.422	105	494854	53.519	ug/l	97
74) N-amyl acetate	12.234	43	91075	49.941	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	83651	51.499	ug/l	94
76) 1,2,3-Trichloropropane	12.728	75	104645	100.075	ug/l #	100
77) Bromobenzene	12.704	156	112056	51.488	ug/l	92
78) n-propylbenzene	12.763	91	608010	54.335	ug/l	96
79) 2-Chlorotoluene	12.851	91	318083	52.882	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	417292	54.060	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.475	75	26615	51.509	ug/l	90
82) 4-Chlorotoluene	12.951	91	334594	53.411	ug/l	95
83) tert-Butylbenzene	13.169	119	353872	54.456	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	416675	54.226	ug/l	96
85) sec-Butylbenzene	13.345	105	522738	54.505	ug/l	97
86) p-Isopropyltoluene	13.463	119	476068	55.487	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	236599	53.118	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	232874	52.745	ug/l	98
89) n-Butylbenzene	13.792	91	449291	55.675	ug/l	98
90) Hexachloroethane	14.057	117	84992	53.572	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	194389	51.440	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	12141	47.738	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	129010	50.266	ug/l	99
94) Hexachlorobutadiene	15.204	225	74390	53.967	ug/l	98
95) Naphthalene	15.334	128	224464	52.724	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	108344	51.695	ug/l	98

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QLast Update : Fri Dec 08 12:22:17 2023
Response via : Initial Calibration

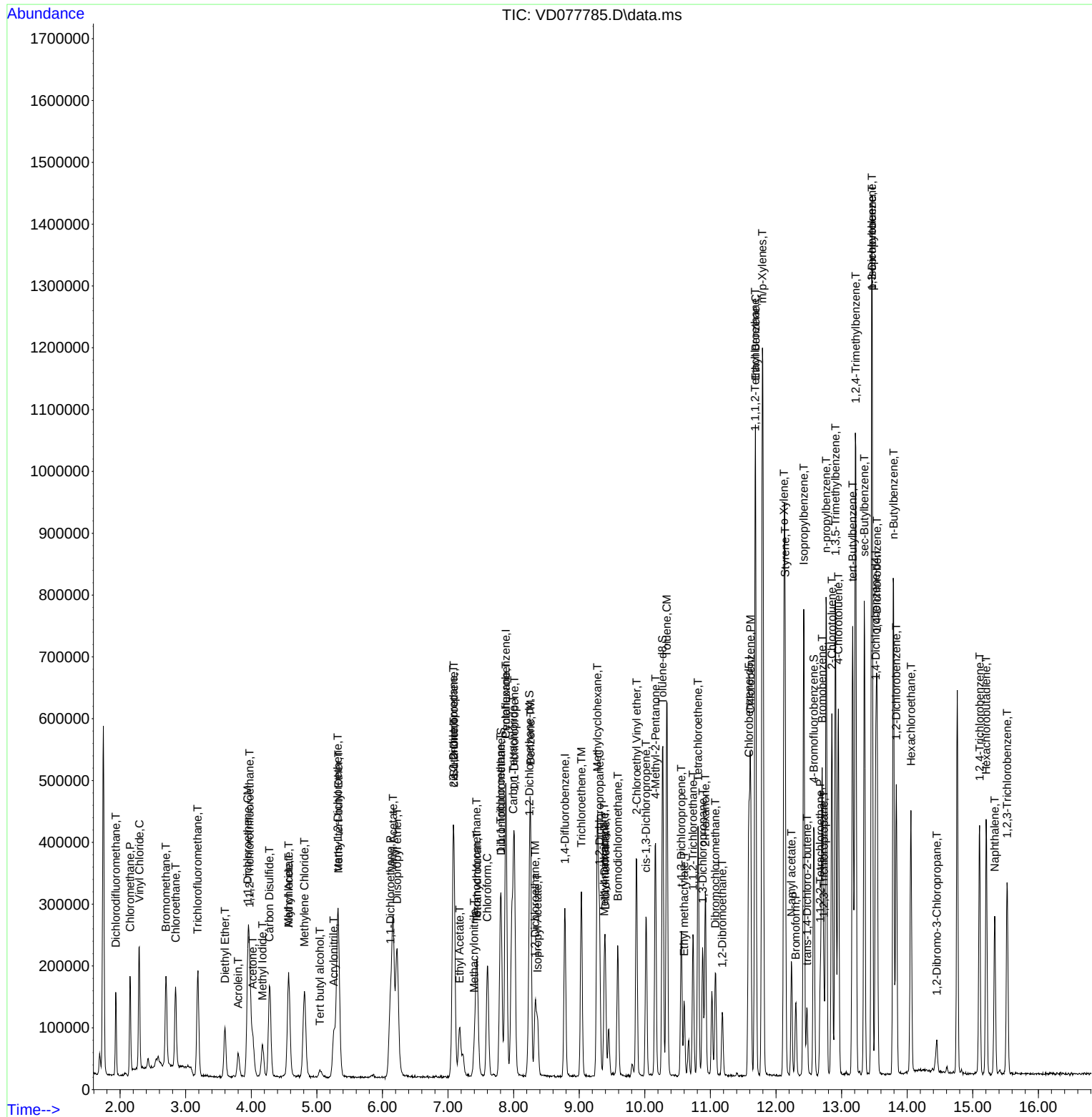
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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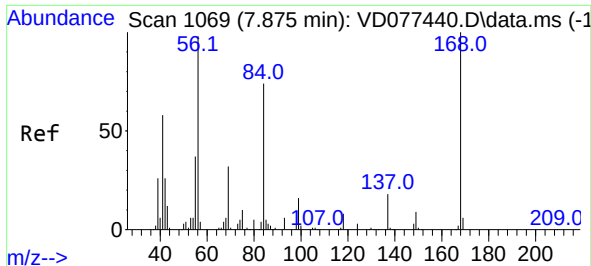
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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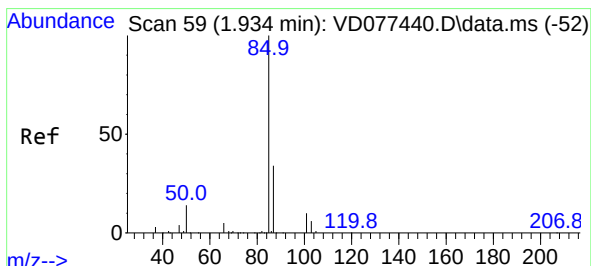
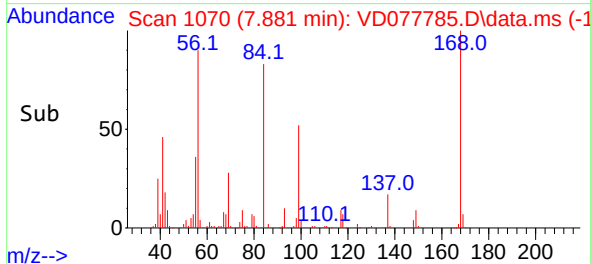
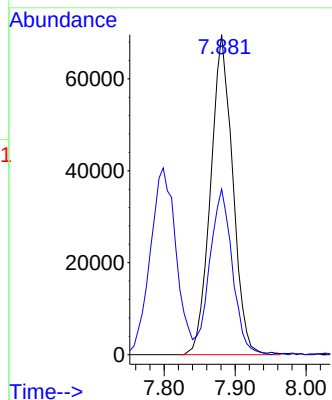
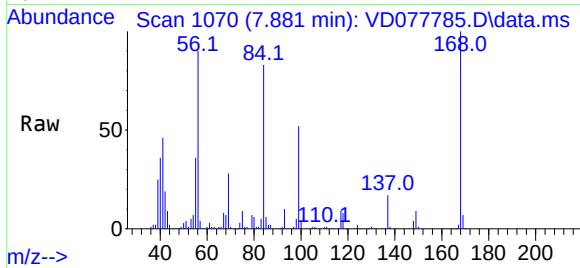




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD077785.D
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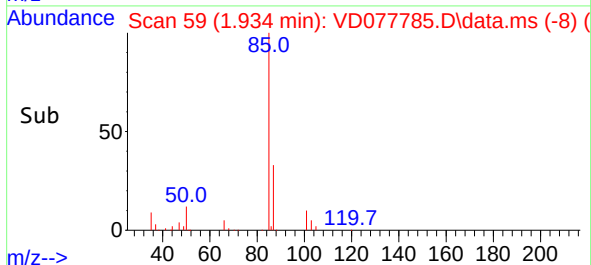
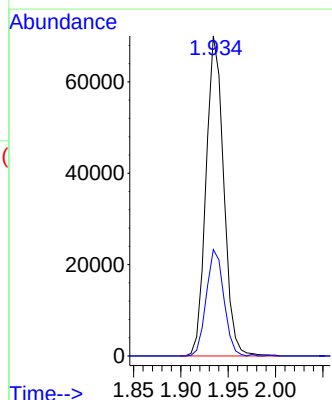
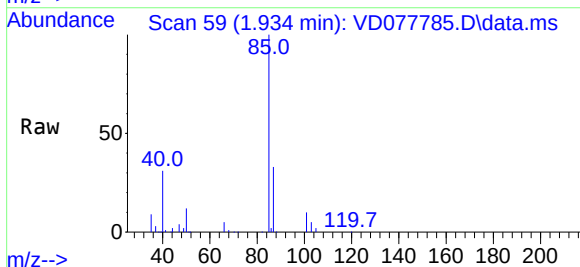
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

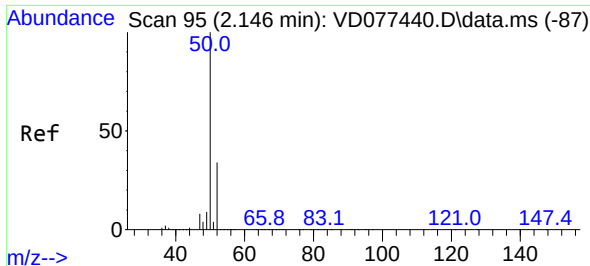
Tgt Ion:168 Resp: 150411
Ion Ratio Lower Upper
168 100
99 51.5 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 47.577 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 85 Resp: 90833
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0

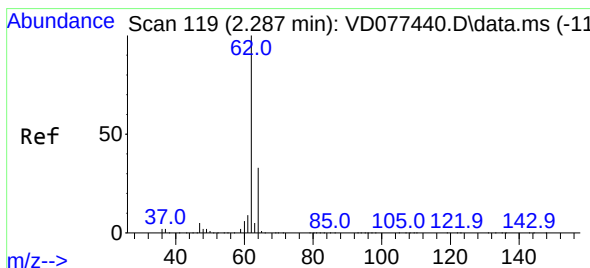
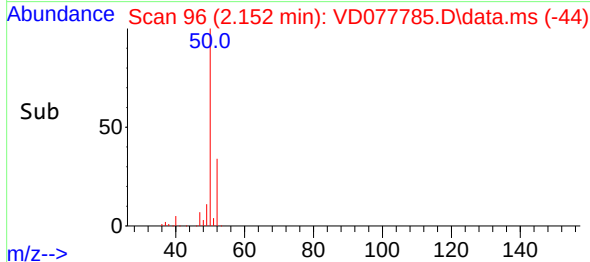
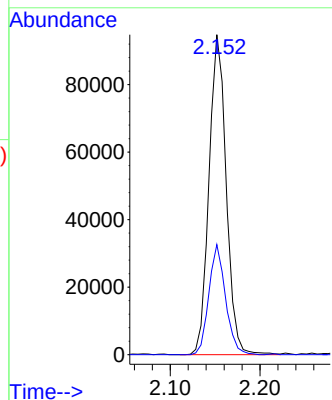
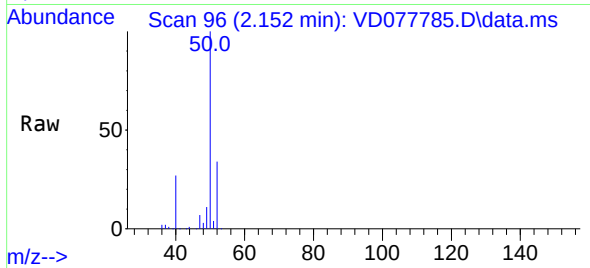




#3
Chloromethane
Concen: 49.526 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

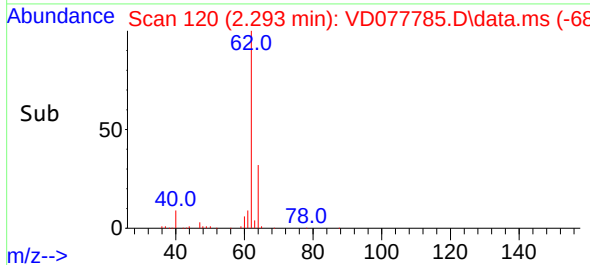
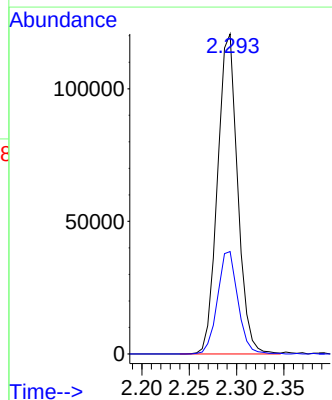
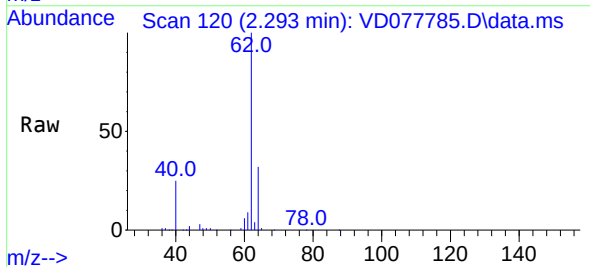
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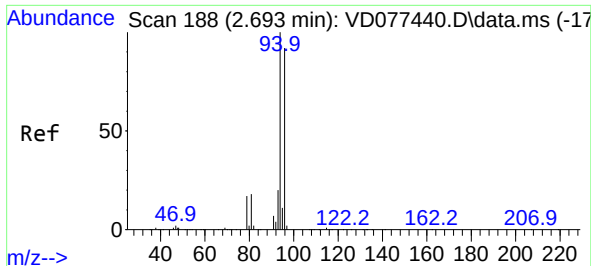
Tgt Ion: 50 Resp: 126270
Ion Ratio Lower Upper
50 100
52 34.4 26.6 40.0



#4
Vinyl Chloride
Concen: 50.193 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 62 Resp: 178557
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0

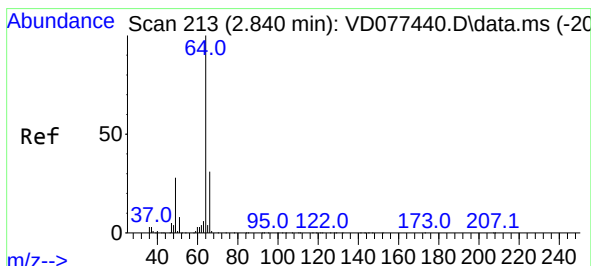
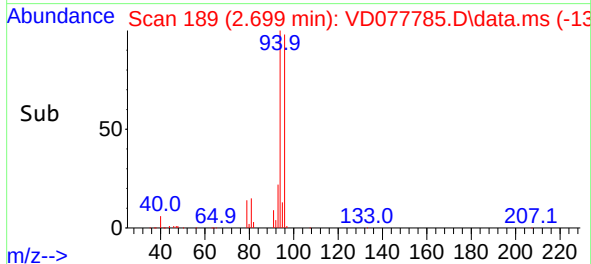
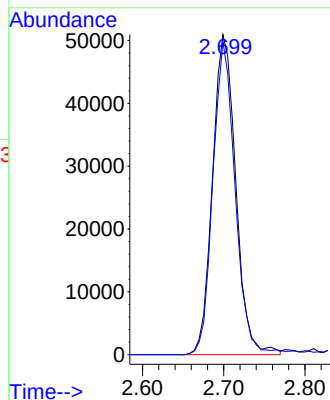
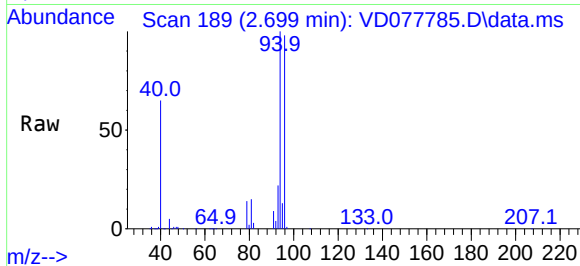




#5
Bromomethane
Concen: 51.426 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

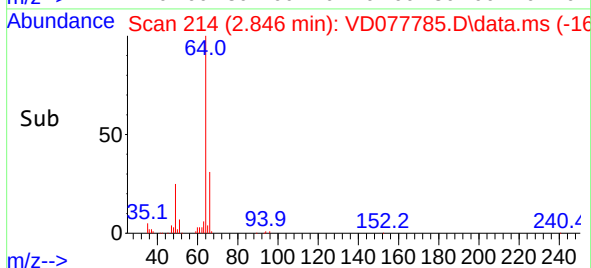
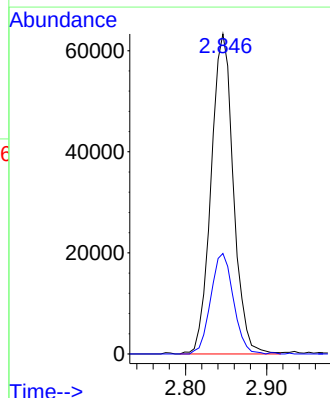
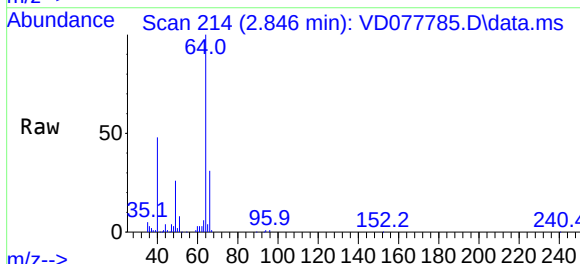
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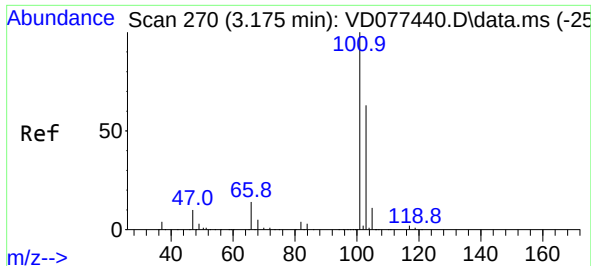
Tgt Ion: 94 Resp: 101362
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.8



#6
Chloroethane
Concen: 50.206 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 64 Resp: 120908
Ion Ratio Lower Upper
64 100
66 31.5 25.5 38.3

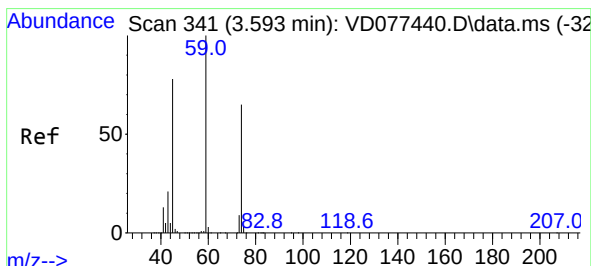
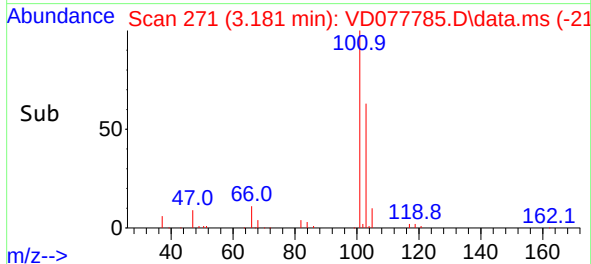
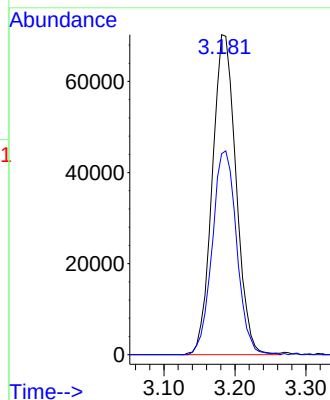
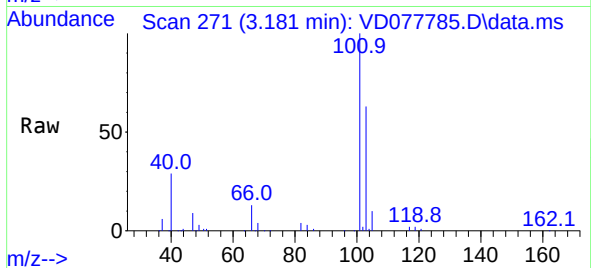




#7
Trichlorofluoromethane
Concen: 50.704 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

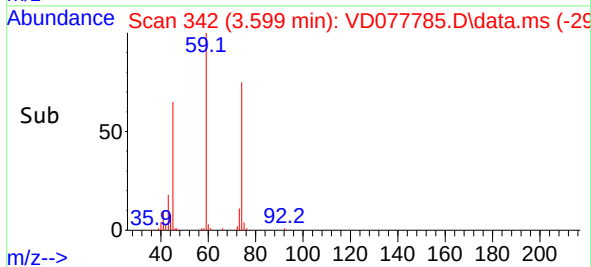
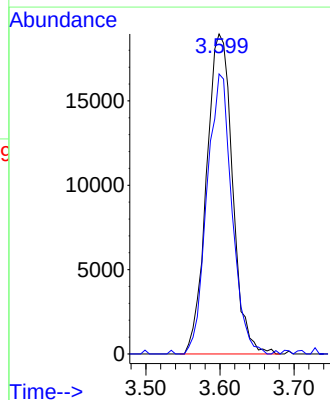
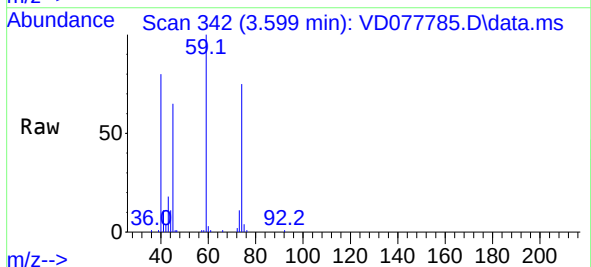
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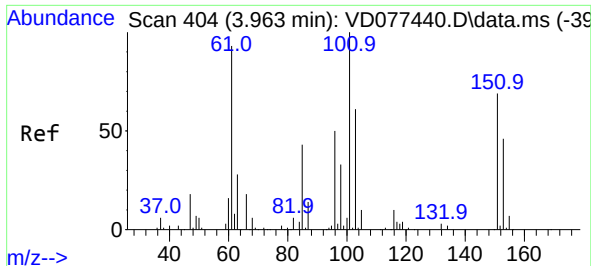
Tgt Ion:101 Resp: 163446
Ion Ratio Lower Upper
101 100
103 62.8 52.3 78.5



#8
Diethyl Ether
Concen: 51.257 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077785.D
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Tgt Ion: 74 Resp: 46207
Ion Ratio Lower Upper
74 100
45 84.0 37.5 112.7

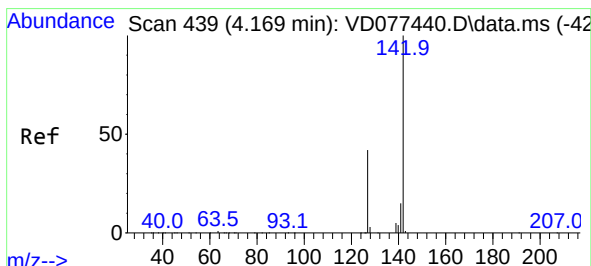
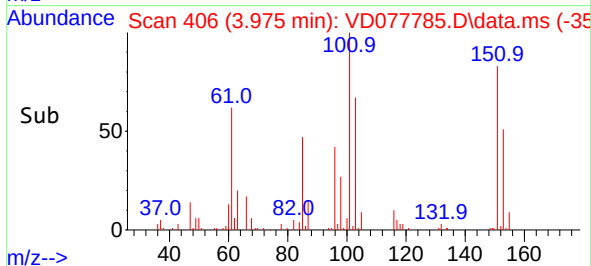
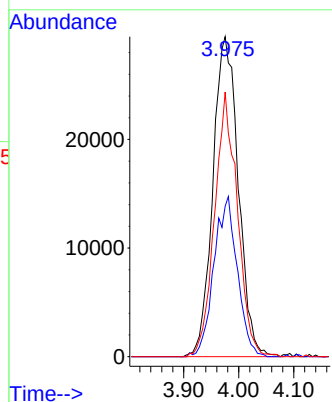
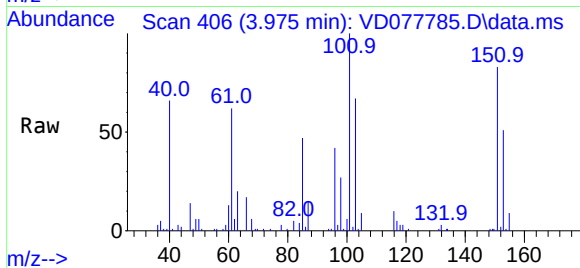




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.992 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

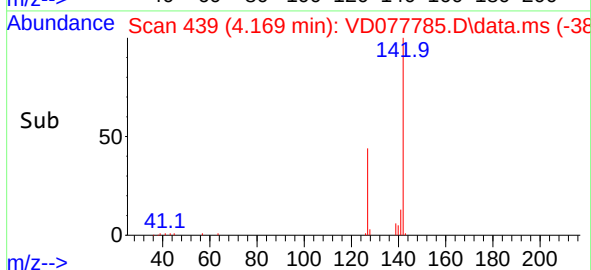
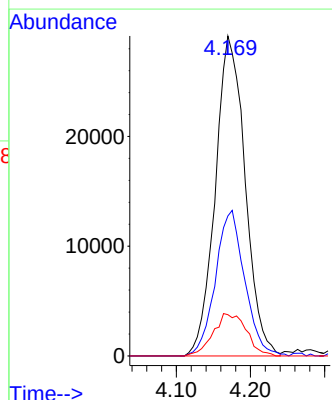
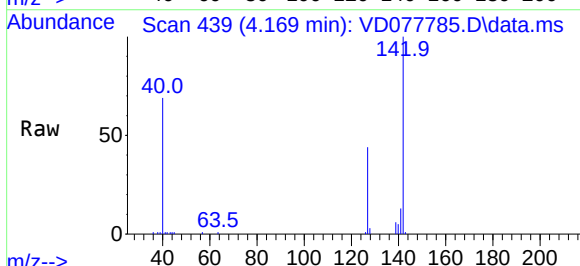
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

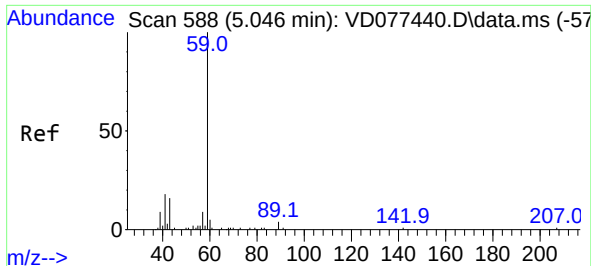
Tgt Ion:101 Resp: 94580
Ion Ratio Lower Upper
101 100
85 46.1 33.8 50.6
151 74.4 59.8 89.6



#10
Methyl Iodide
Concen: 50.319 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion:142 Resp: 81482
Ion Ratio Lower Upper
142 100
127 44.7 29.4 44.0#
141 14.8 11.1 16.7

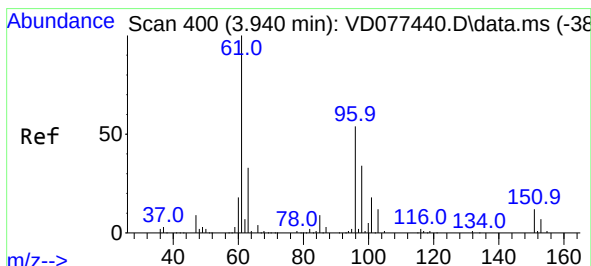
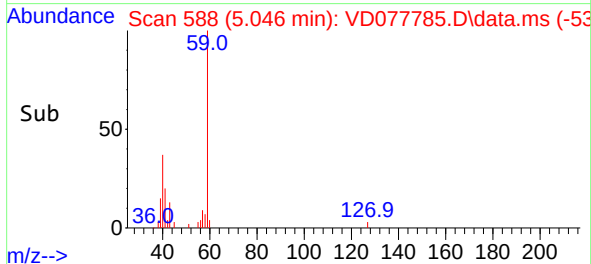
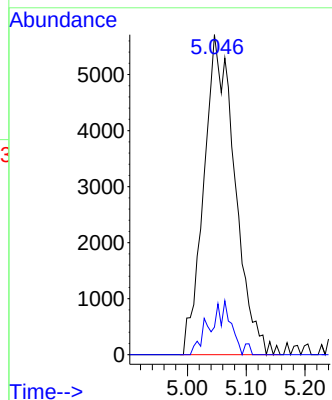
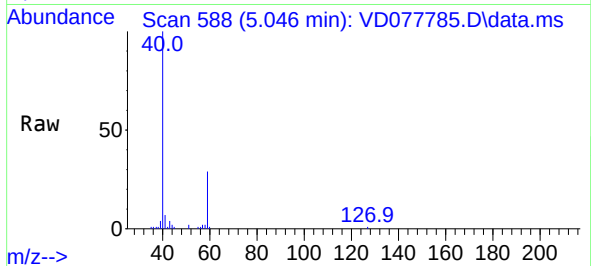




#11
Tert butyl alcohol
Concen: 243.049 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

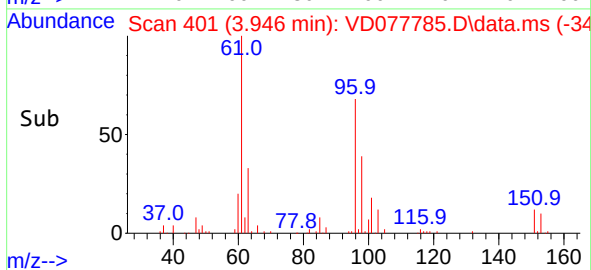
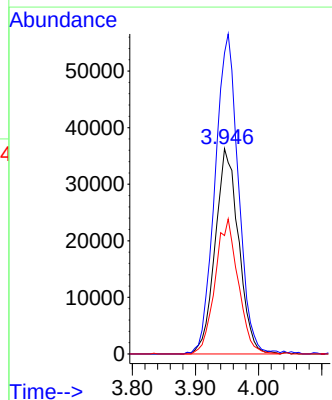
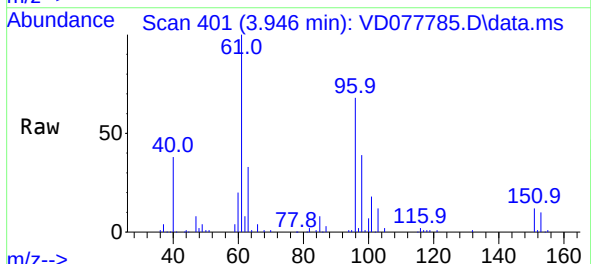
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

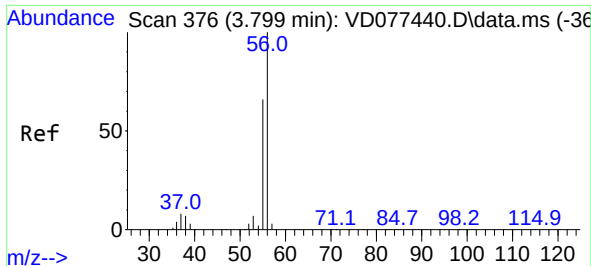
Tgt Ion: 59 Resp: 20929
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 51.013 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 96 Resp: 93588
Ion Ratio Lower Upper
96 100
61 146.6 100.6 150.8
98 57.7 50.2 75.2

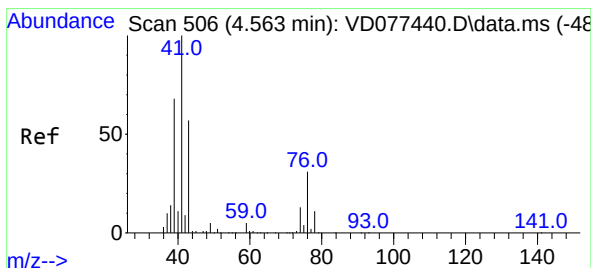
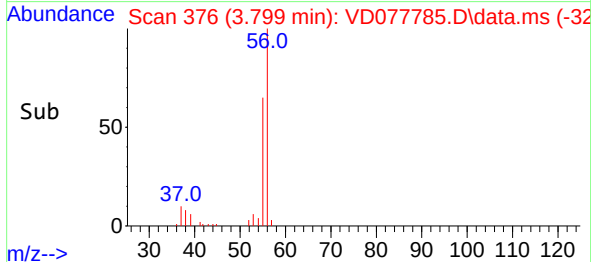
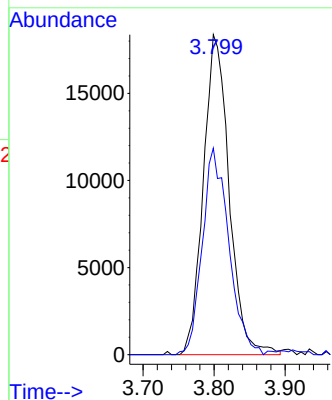
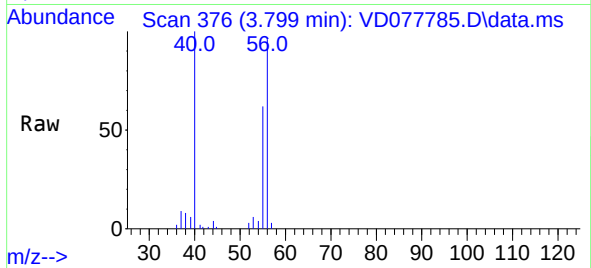




#13
Acrolein
Concen: 238.003 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

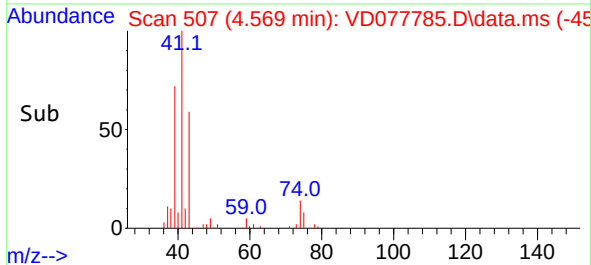
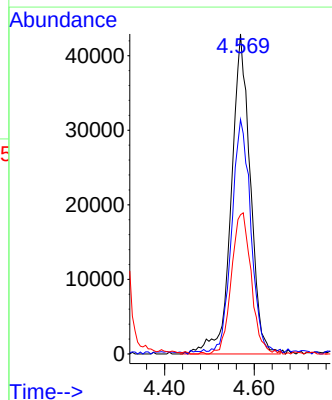
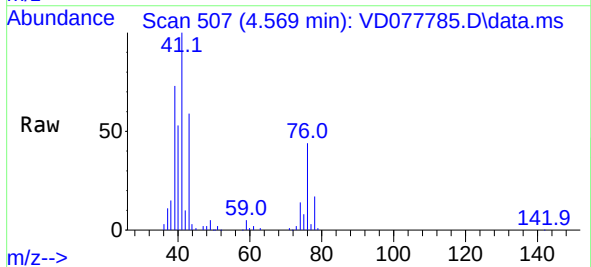
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

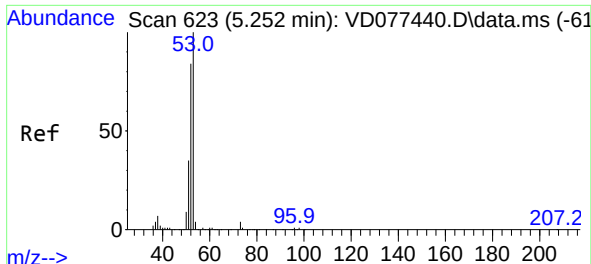
Tgt Ion: 56 Resp: 46368
Ion Ratio Lower Upper
56 100
55 66.1 55.1 82.7



#14
Allyl chloride
Concen: 50.470 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 41 Resp: 126455
Ion Ratio Lower Upper
41 100
39 73.1 53.8 80.6
76 45.5 45.8 68.8#

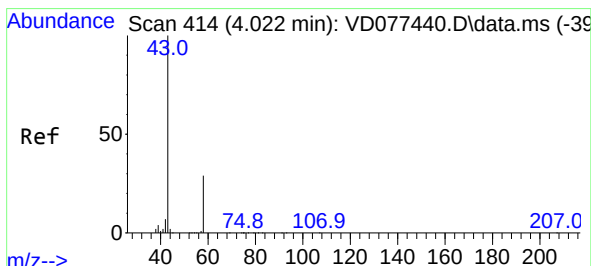
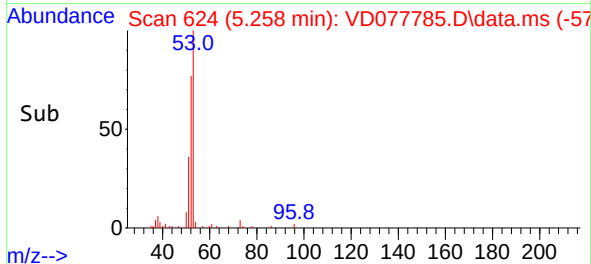
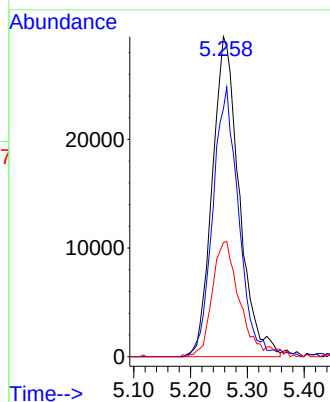
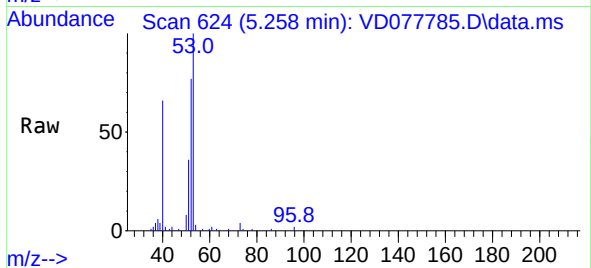




#15
Acrylonitrile
Concen: 246.628 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

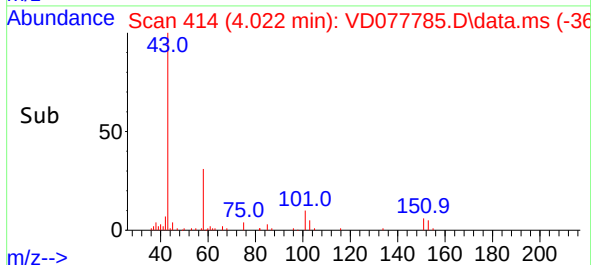
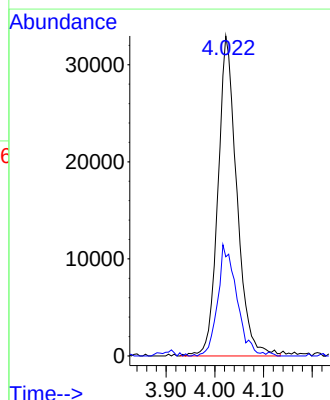
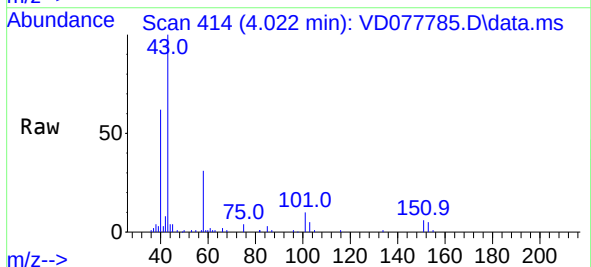
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

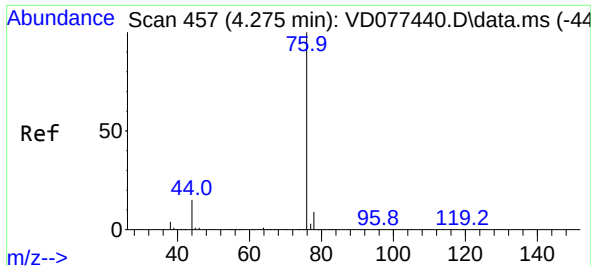
Tgt Ion: 53 Resp: 96879
Ion Ratio Lower Upper
53 100
52 81.4 65.0 97.4
51 35.8 28.3 42.5



#16
Acetone
Concen: 236.142 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 43 Resp: 88980
Ion Ratio Lower Upper
43 100
58 31.0 34.7 52.1#

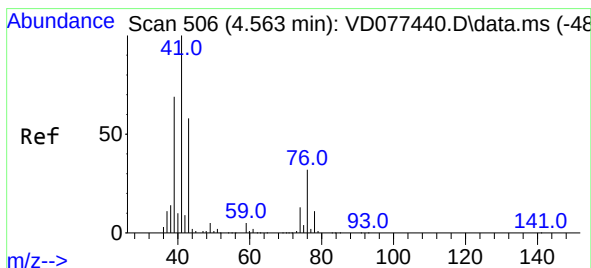
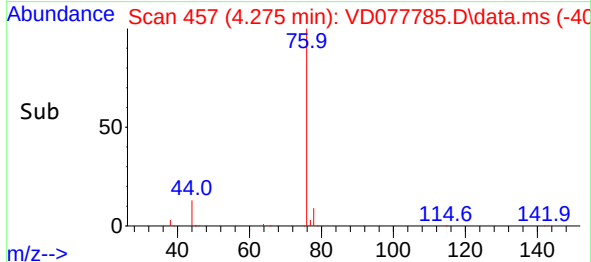
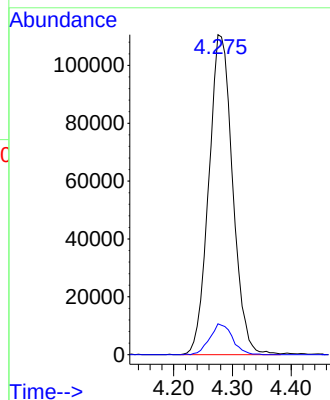
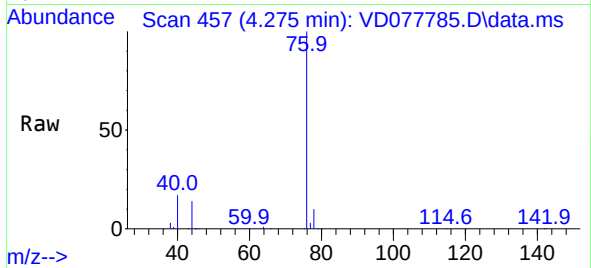




#17
Carbon Disulfide
Concen: 50.430 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

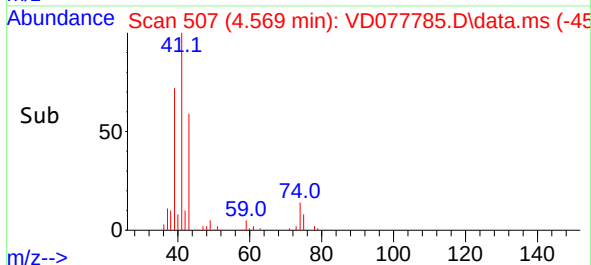
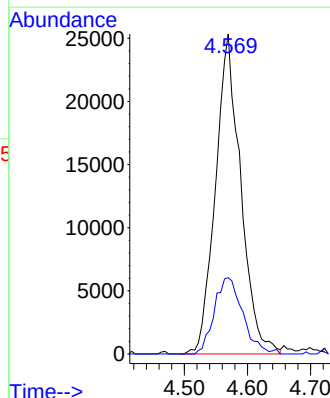
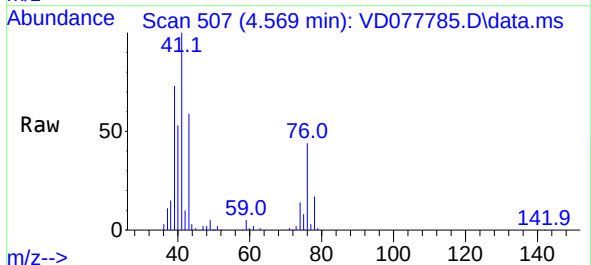
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

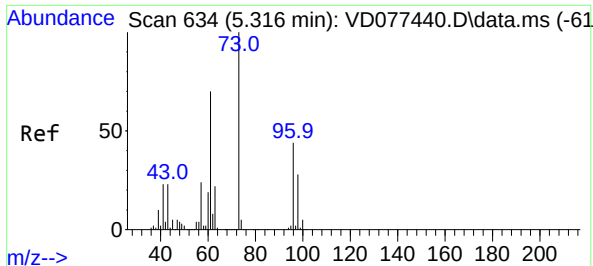
Tgt Ion: 76 Resp: 311726
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2



#18
Methyl Acetate
Concen: 49.343 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 43 Resp: 70267
Ion Ratio Lower Upper
43 100
74 27.0 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 50.043 ug/l

RT: 5.328 min Scan# 61

Delta R.T. 0.012 min

Lab File: VD077785.D

Acq: 08 Dec 2023 11:01

Instrument :

MSVOA_D

ClientSampleId :

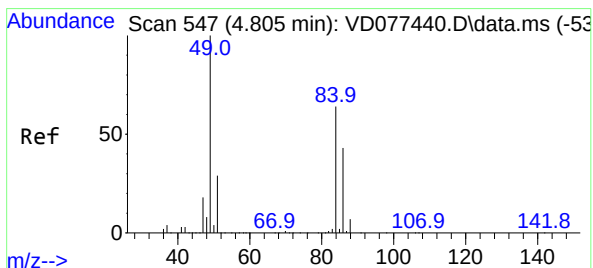
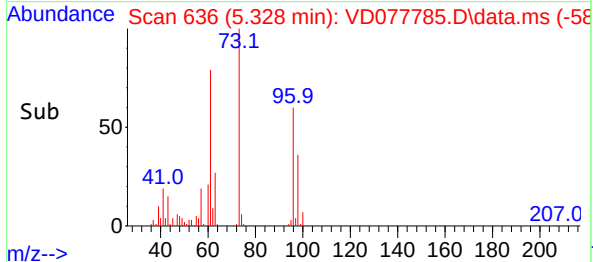
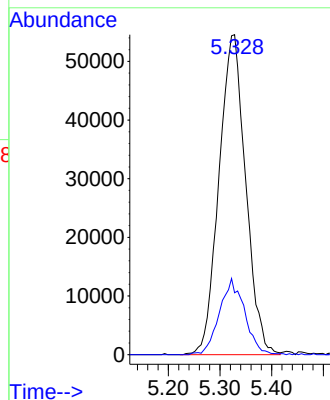
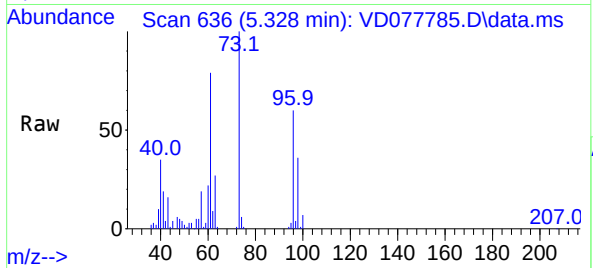
VSTDICCC050

Tgt Ion: 73 Resp: 195719

Ion Ratio Lower Upper

73 100

57 19.3 16.6 25.0



#20

Methylene Chloride

Concen: 52.339 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD077785.D

Acq: 08 Dec 2023 11:01

Tgt Ion: 84 Resp: 109359

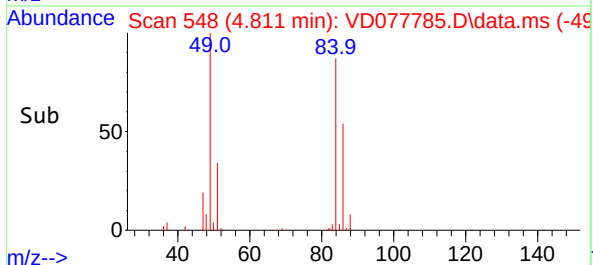
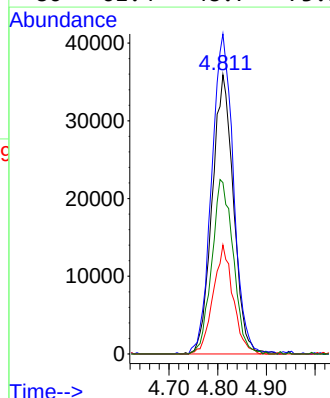
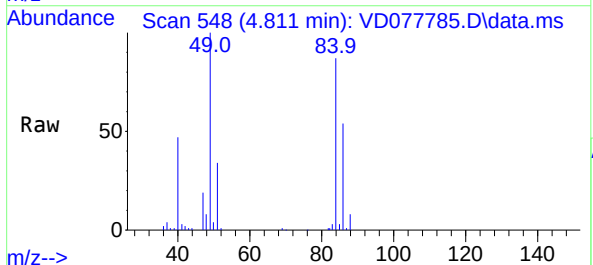
Ion Ratio Lower Upper

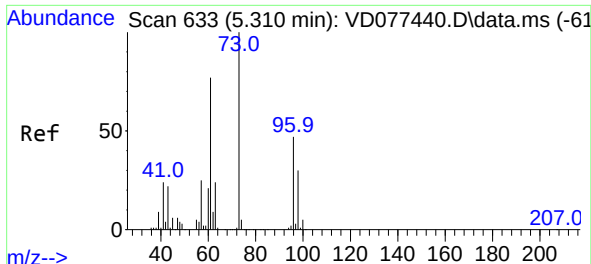
84 100

49 114.6 71.4 107.2#

51 39.1 24.5 36.7#

86 61.4 48.7 73.1

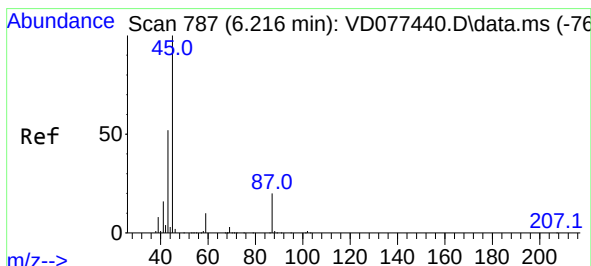
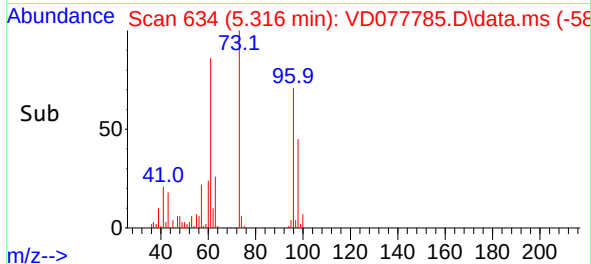
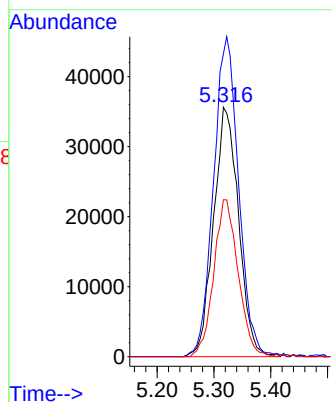
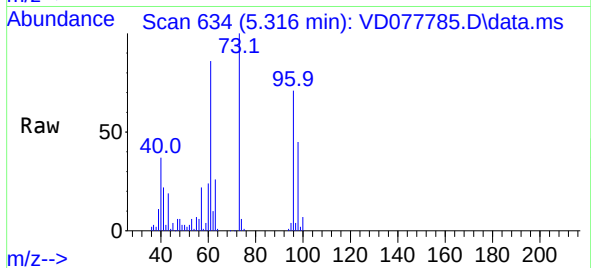




#21
trans-1,2-Dichloroethene
Concen: 52.755 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

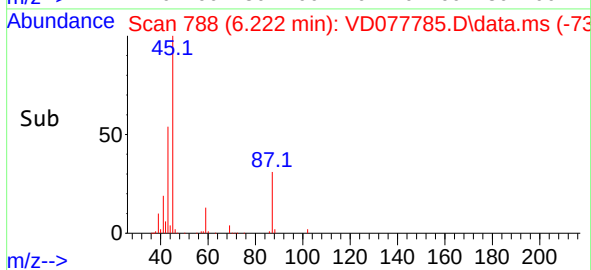
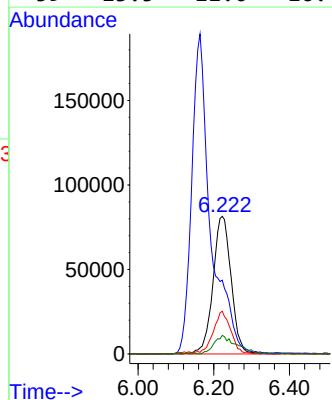
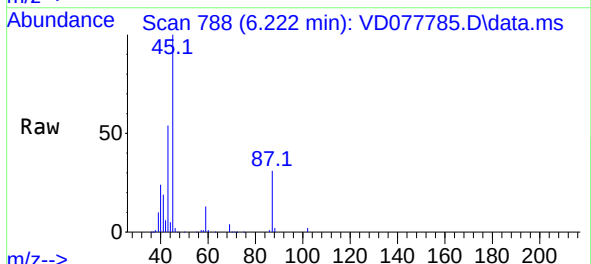
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

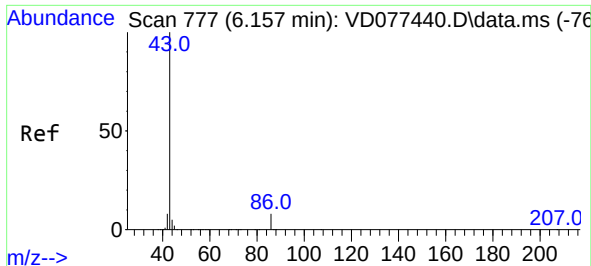
Tgt Ion: 96 Resp: 108916
Ion Ratio Lower Upper
96 100
61 121.5 89.3 133.9
98 63.0 48.6 73.0



#22
Diisopropyl ether
Concen: 51.780 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 45 Resp: 271671
Ion Ratio Lower Upper
45 100
43 52.8 40.0 60.0
87 30.8 28.2 42.4
59 13.5 11.0 16.4

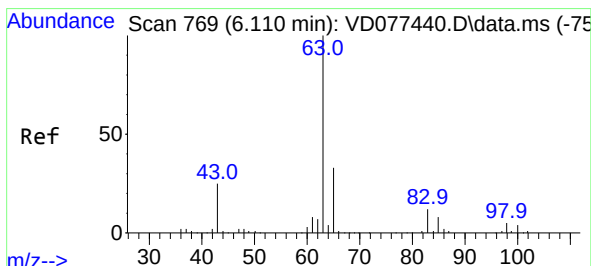
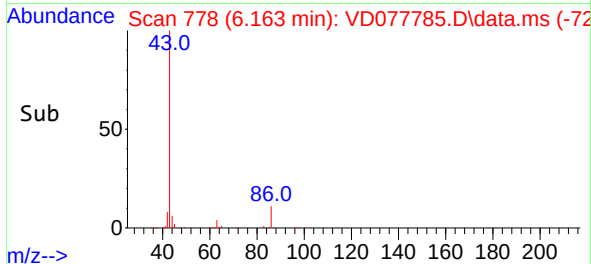
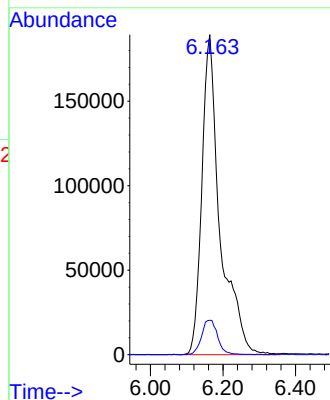
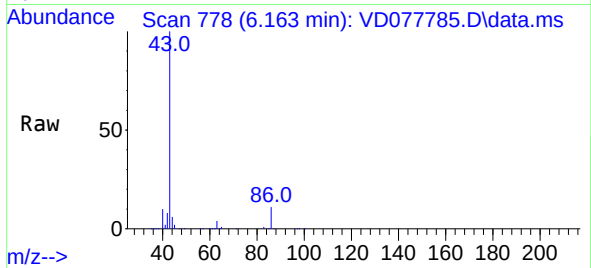




#23
 Vinyl Acetate
 Concen: 264.508 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD077785.D
 Acq: 08 Dec 2023 11:01

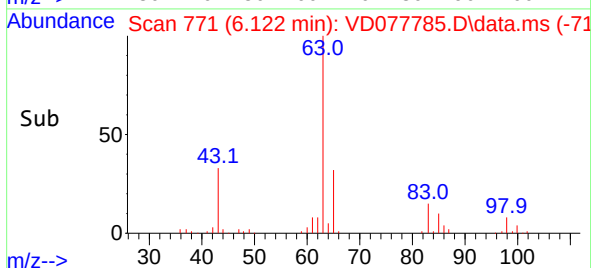
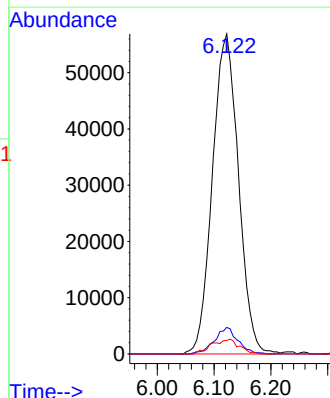
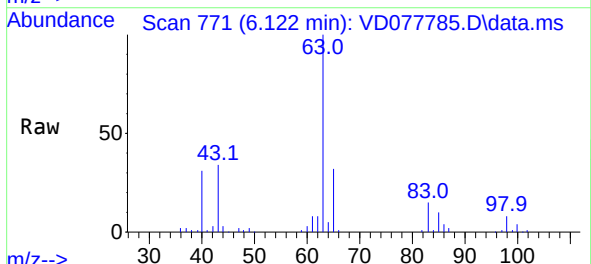
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

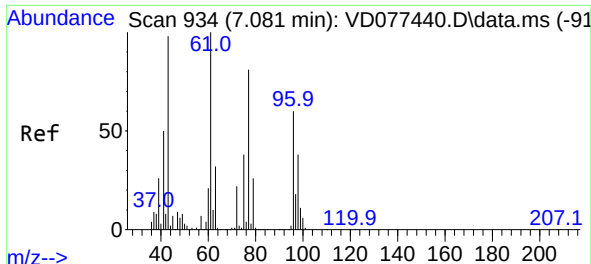
Tgt Ion: 43 Resp: 659796
 Ion Ratio Lower Upper
 43 100
 86 10.7 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 50.974 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.012 min
 Lab File: VD077785.D
 Acq: 08 Dec 2023 11:01

Tgt Ion: 63 Resp: 180877
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.5 13.7
 100 4.2 2.5 7.5

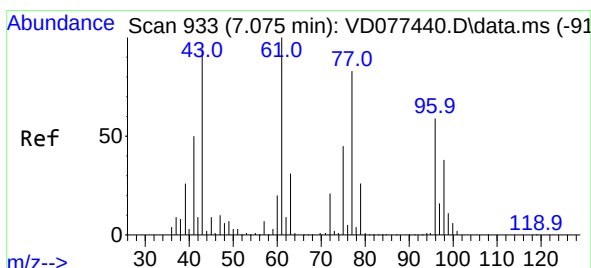
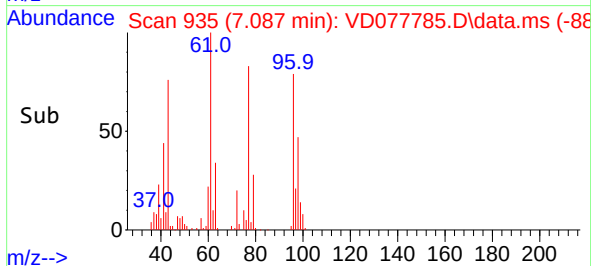
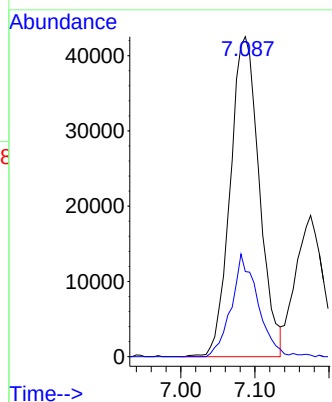
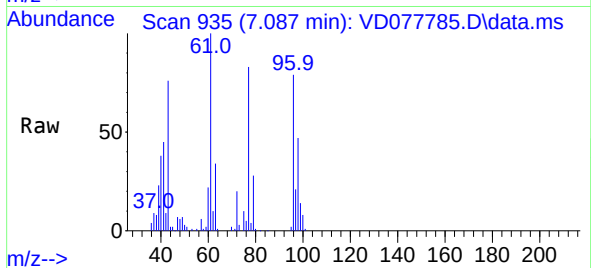




#25
2-Butanone
Concen: 232.323 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

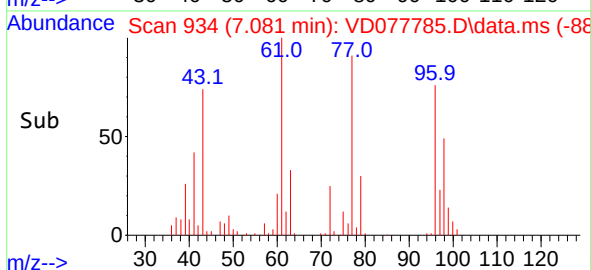
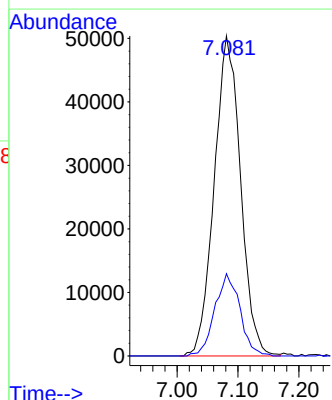
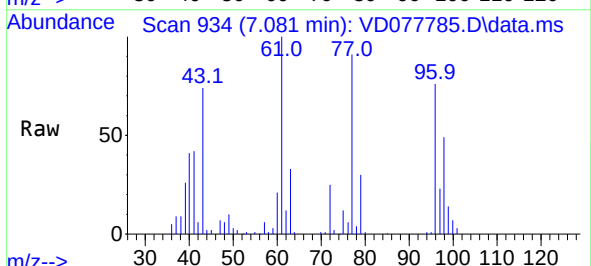
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

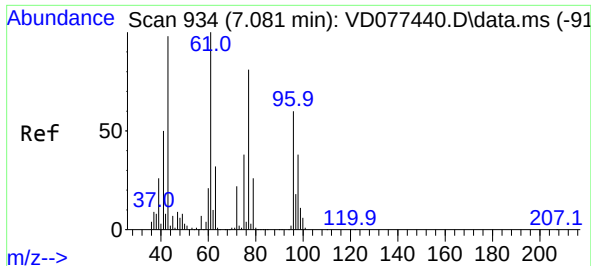
Tgt Ion: 43 Resp: 115740
Ion Ratio Lower Upper
43 100
72 26.6 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 50.680 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 77 Resp: 151050
Ion Ratio Lower Upper
77 100
97 24.6 13.2 39.6

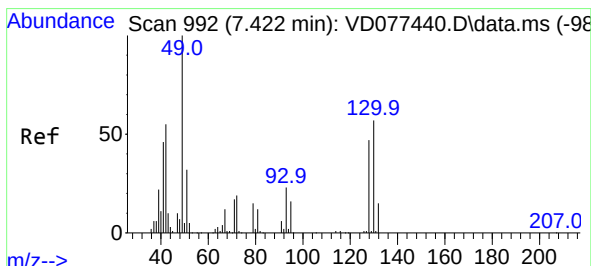
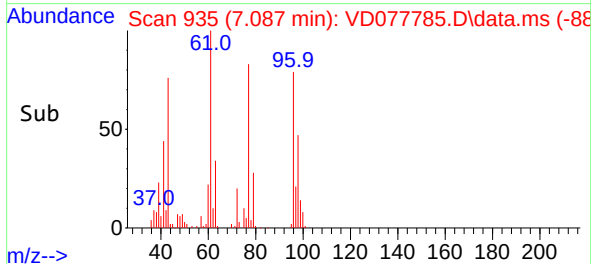
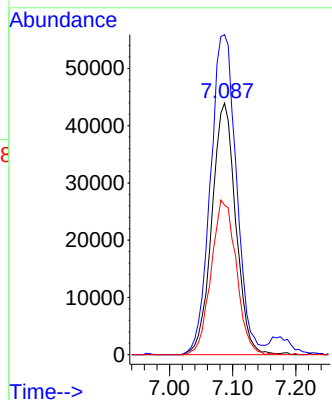
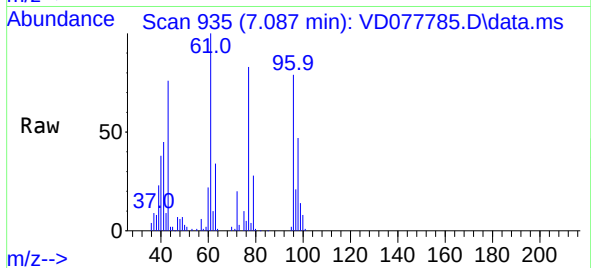




#27
cis-1,2-Dichloroethene
Concen: 51.840 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

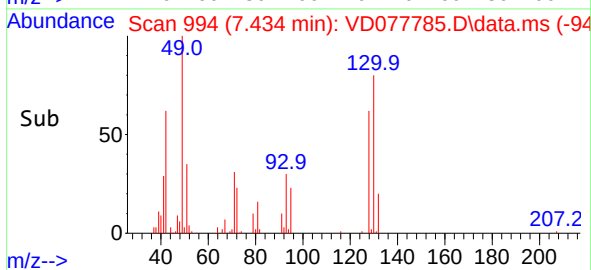
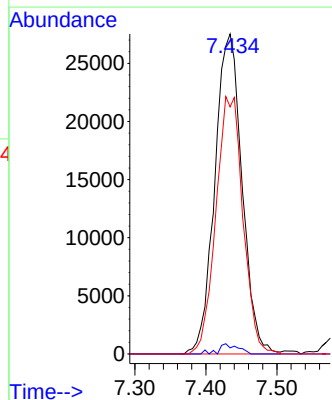
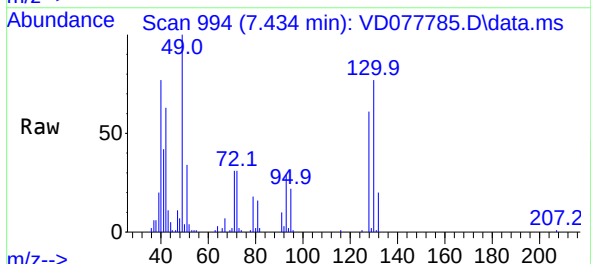
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

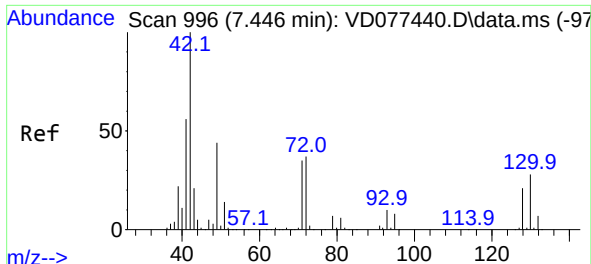
Tgt Ion: 96 Resp: 115723
Ion Ratio Lower Upper
96 100
61 138.6 0.0 239.2
98 64.5 0.0 128.6



#28
Bromochloromethane
Concen: 51.017 ug/l
RT: 7.434 min Scan# 994
Delta R.T. 0.012 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 49 Resp: 73266
Ion Ratio Lower Upper
49 100
129 2.1 0.0 6.0
130 79.8 83.2 124.8#

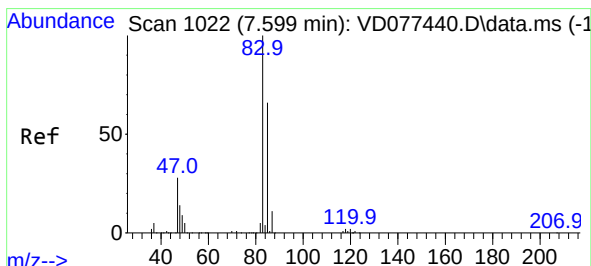
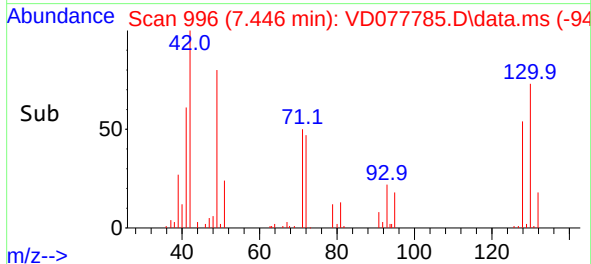
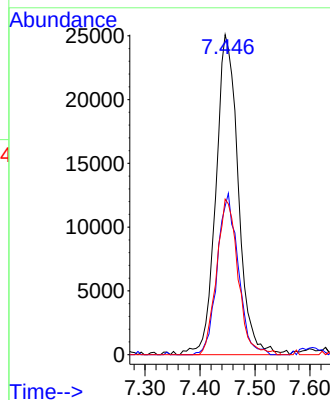
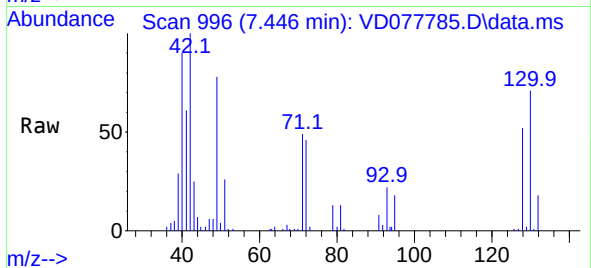




#29
Tetrahydrofuran
Concen: 245.433 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

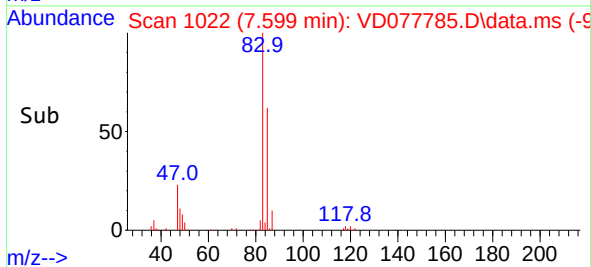
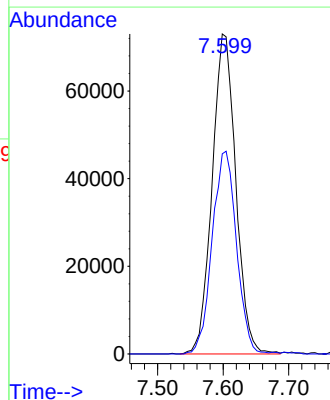
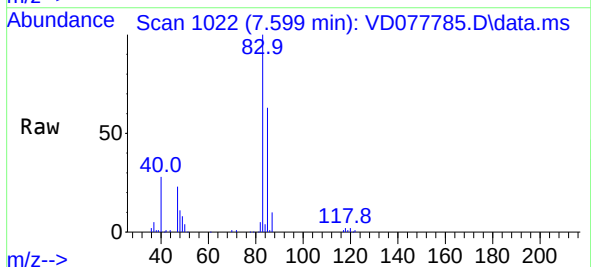
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

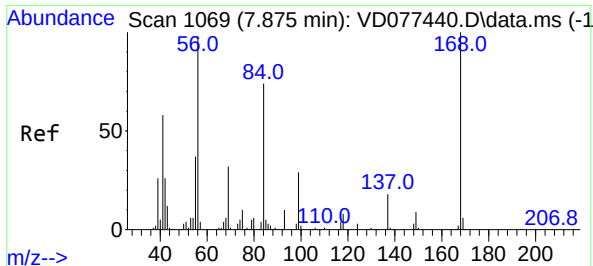
Tgt Ion: 42 Resp: 70824
Ion Ratio Lower Upper
42 100
72 47.3 46.5 69.7
71 46.7 44.5 66.7



#30
Chloroform
Concen: 50.951 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

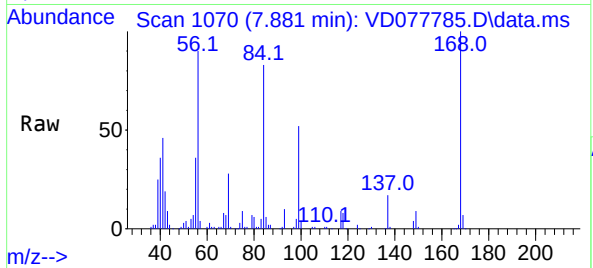
Tgt Ion: 83 Resp: 183058
Ion Ratio Lower Upper
83 100
85 62.6 53.4 80.2



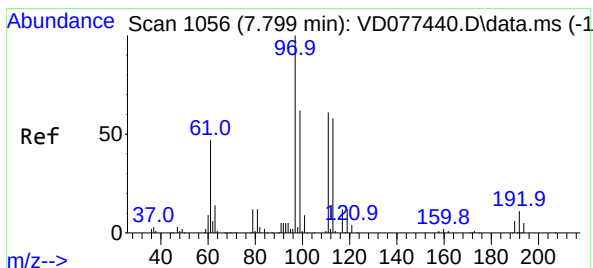
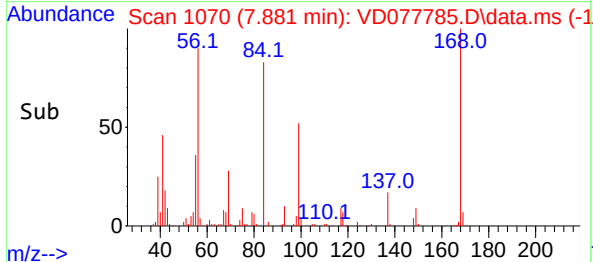
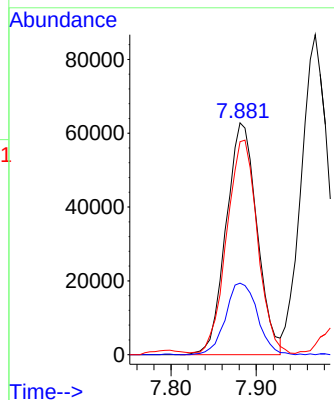


#31
Cyclohexane
Concen: 49.972 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

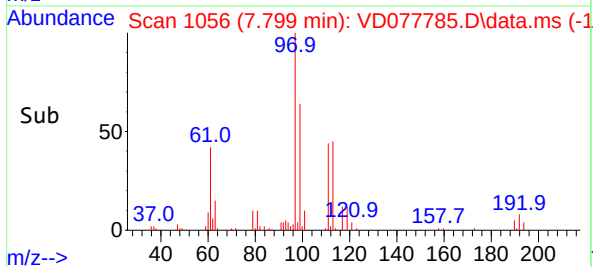
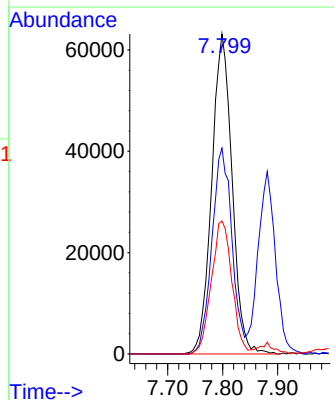
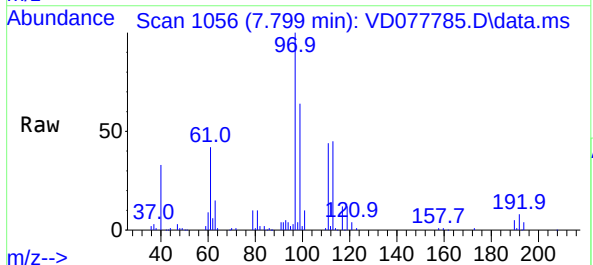


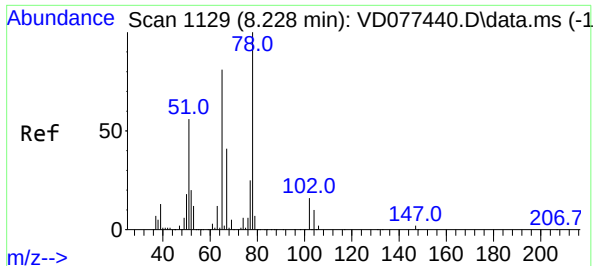
Tgt Ion: 56 Resp: 158689
Ion Ratio Lower Upper
56 100
69 30.3 28.6 43.0
84 90.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 51.863 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 97 Resp: 162244
Ion Ratio Lower Upper
97 100
99 63.3 52.0 78.0
61 42.1 33.8 50.8

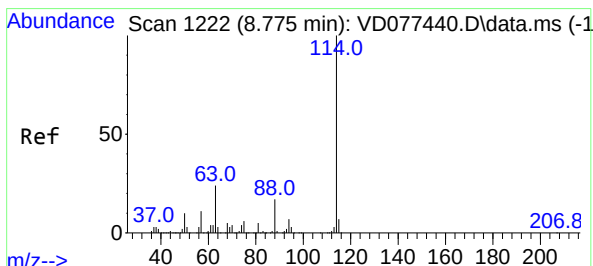
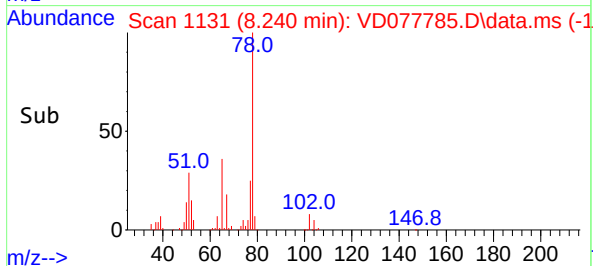
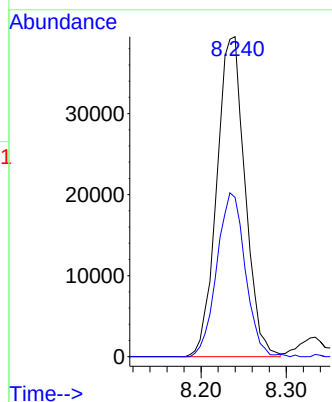
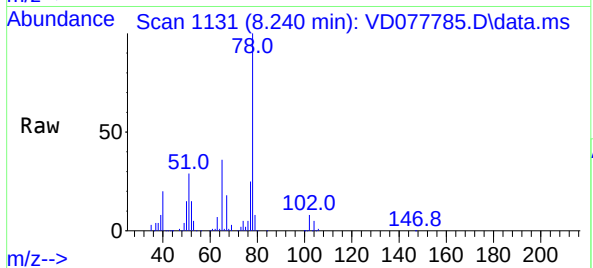




#33
1,2-Dichloroethane-d4
Concen: 50.629 ug/l
RT: 8.240 min Scan# 1129
Delta R.T. 0.012 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

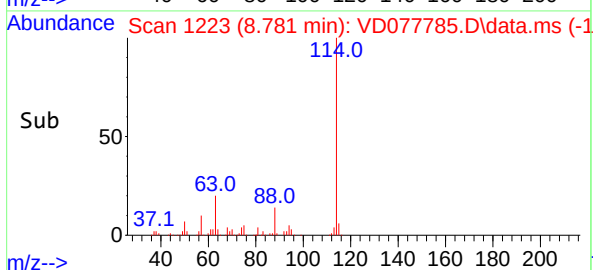
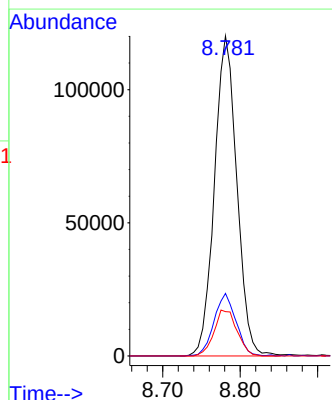
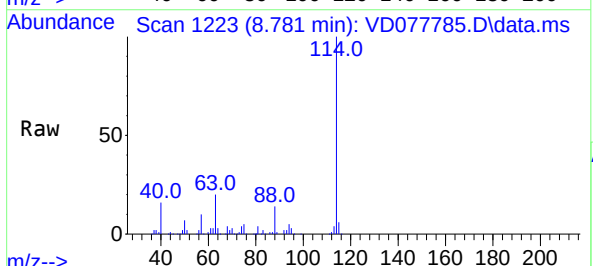
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

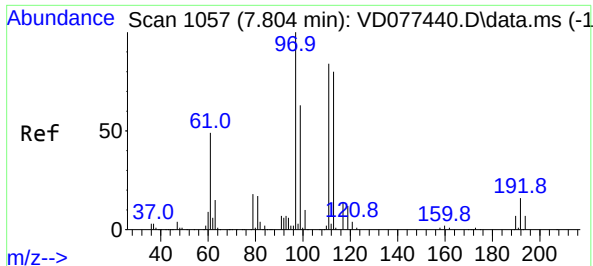
Tgt Ion: 65 Resp: 91080
Ion Ratio Lower Upper
65 100
67 51.6 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 114 Resp: 241218
Ion Ratio Lower Upper
114 100
63 19.6 0.0 33.4
88 13.9 0.0 26.2

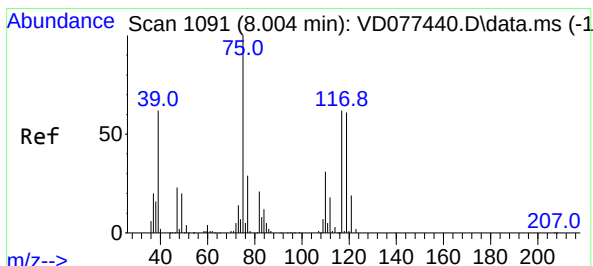
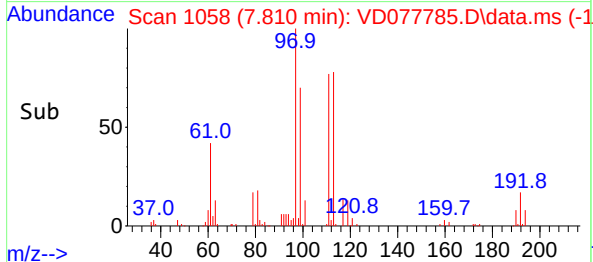
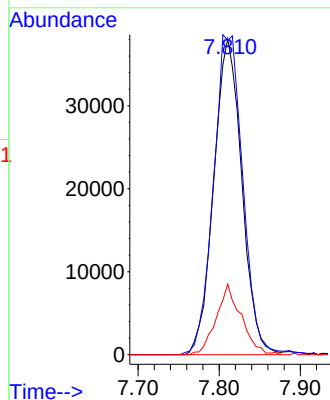
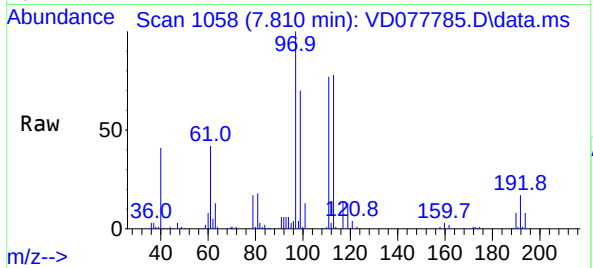




#35
Dibromofluoromethane
Concen: 53.112 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

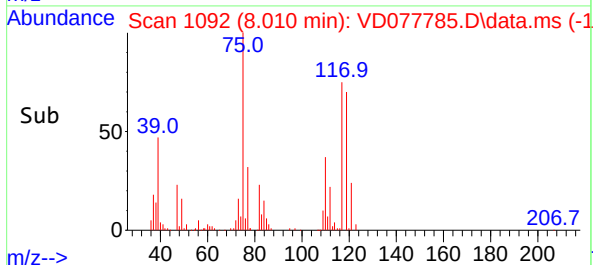
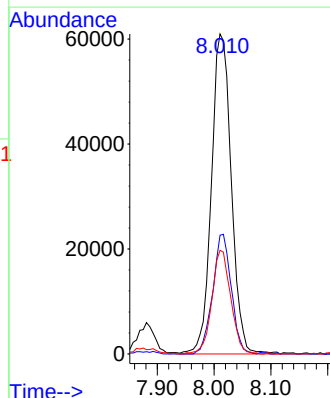
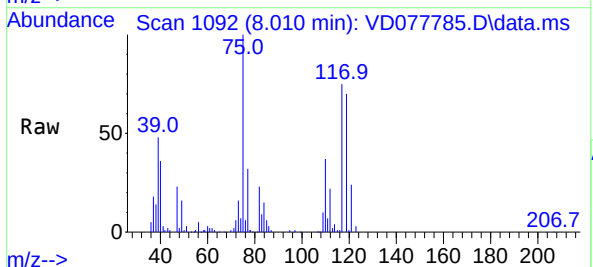
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

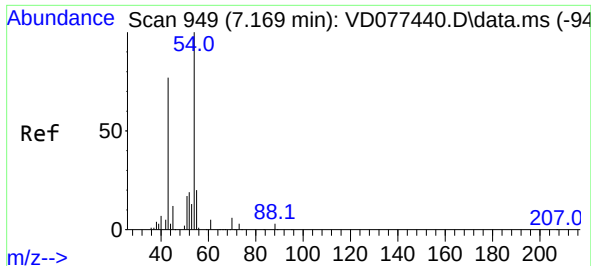
Tgt Ion:113 Resp: 91476
Ion Ratio Lower Upper
113 100
111 105.9 84.7 127.1
192 19.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 54.385 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

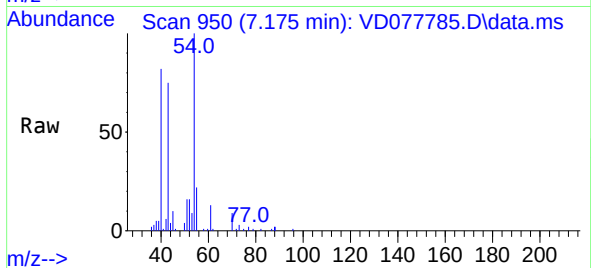
Tgt Ion: 75 Resp: 148027
Ion Ratio Lower Upper
75 100
110 34.9 19.9 59.6
77 30.8 24.7 37.1



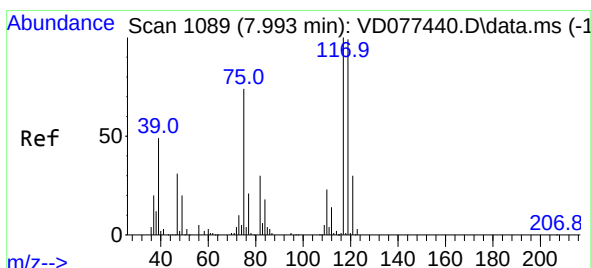
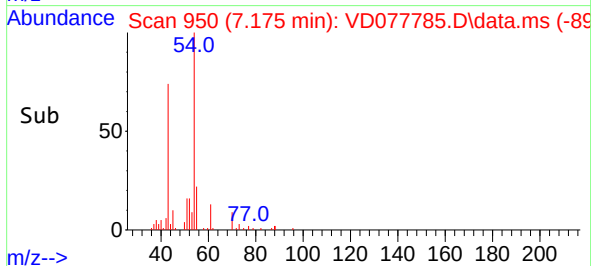
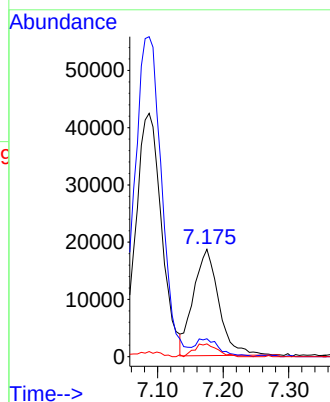


#37
Ethyl Acetate
Concen: 51.351 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

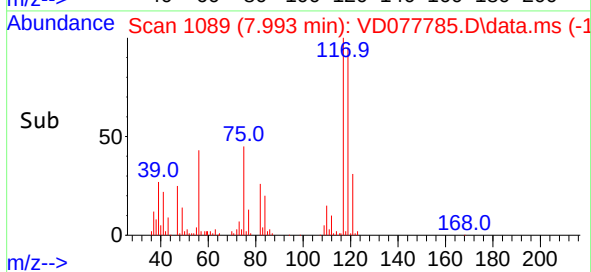
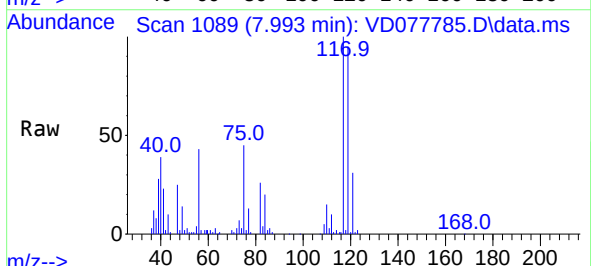
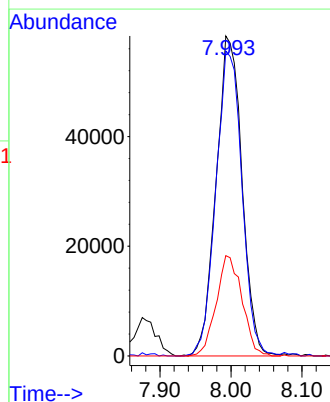


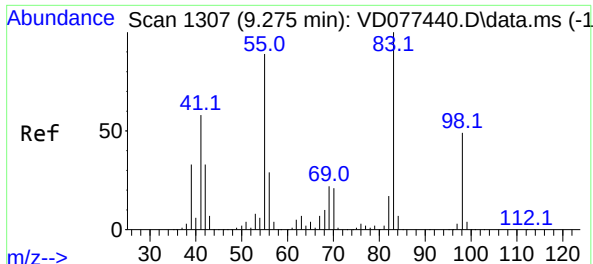
Tgt Ion: 43 Resp: 50033
Ion Ratio Lower Upper
43 100
61 15.3 14.9 22.3
70 11.1 10.0 15.0



#38
Carbon Tetrachloride
Concen: 53.929 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 117 Resp: 147247
Ion Ratio Lower Upper
117 100
119 95.3 78.0 117.0
121 31.3 24.2 36.2

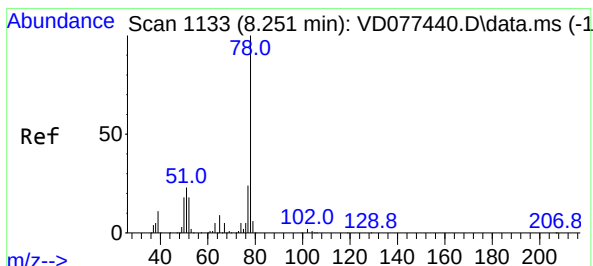
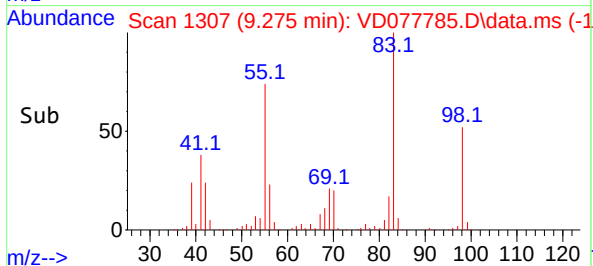
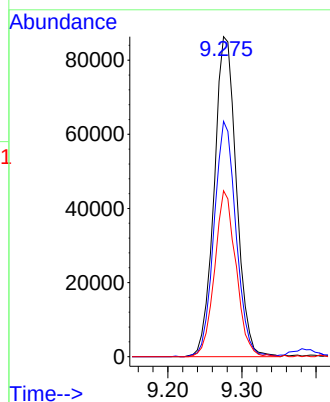
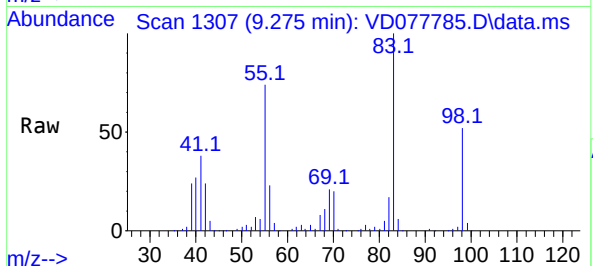




#39
Methylcyclohexane
Concen: 55.606 ug/l
RT: 9.275 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

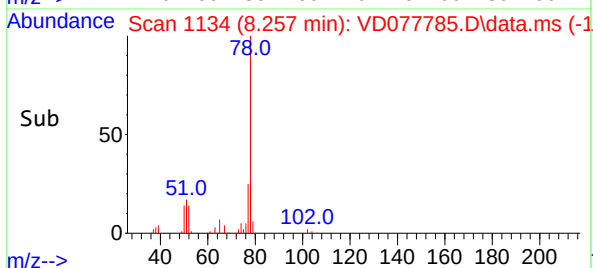
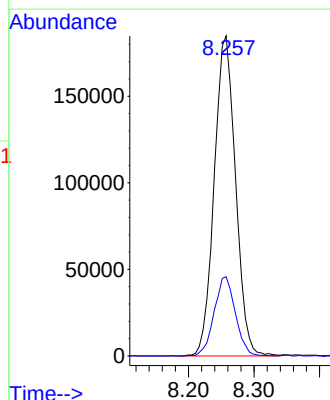
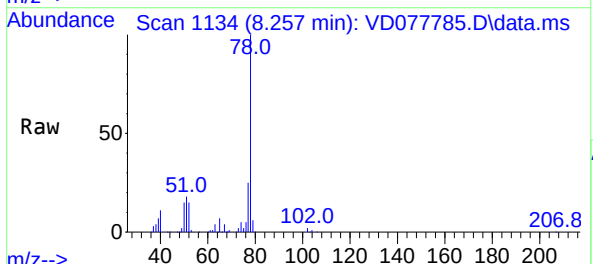
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

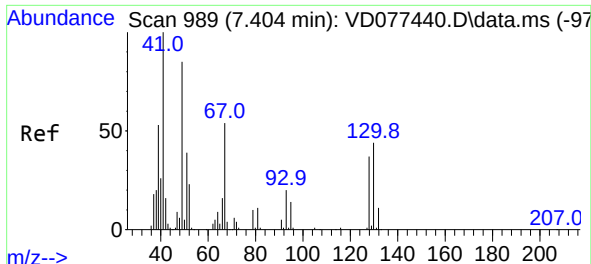
Tgt Ion: 83 Resp: 179976
Ion Ratio Lower Upper
83 100
55 73.5 49.4 74.0
98 51.8 38.4 57.6



#40
Benzene
Concen: 53.729 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 78 Resp: 417103
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0

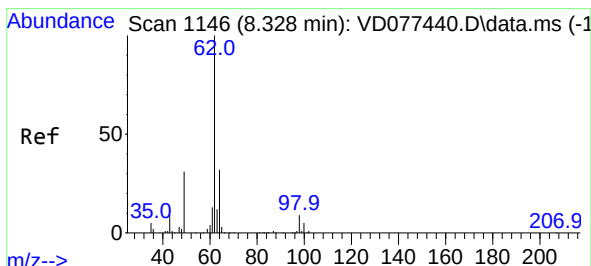
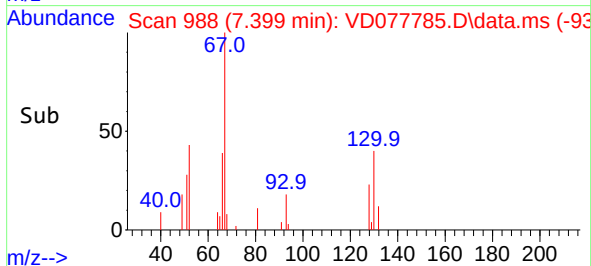
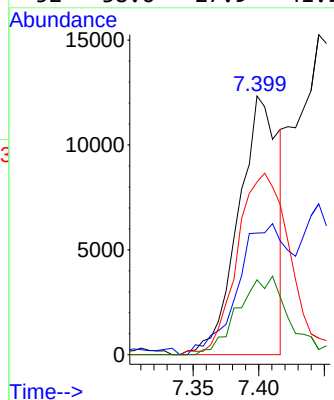
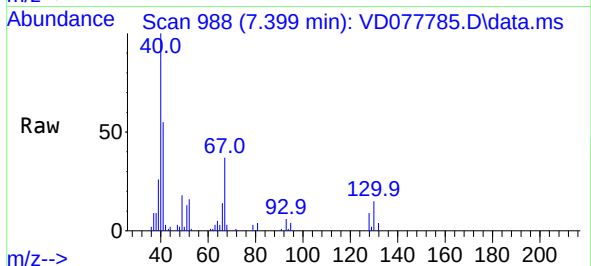




#41
Methacrylonitrile
Concen: 47.185 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

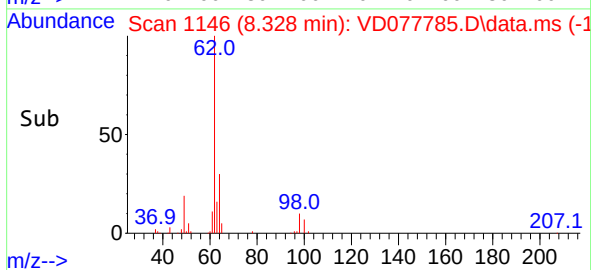
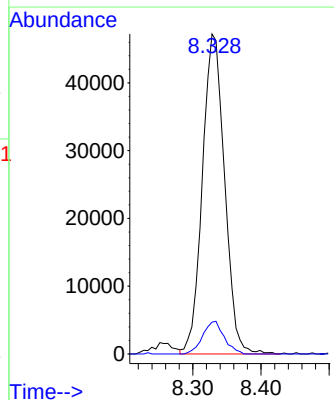
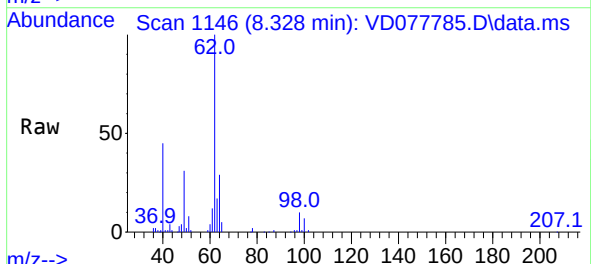
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

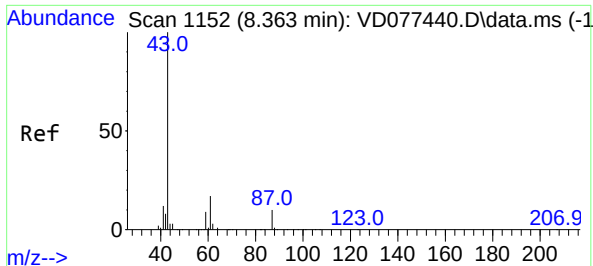
Tgt Ion: 41 Resp: 26197
Ion Ratio Lower Upper
41 100
39 66.7 34.0 51.0#
67 92.5 77.0 115.4
52 38.6 27.9 41.9



#42
1,2-Dichloroethane
Concen: 53.123 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 62 Resp: 107107
Ion Ratio Lower Upper
62 100
98 9.8 0.0 25.4

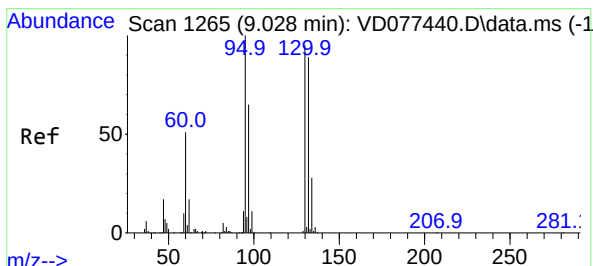
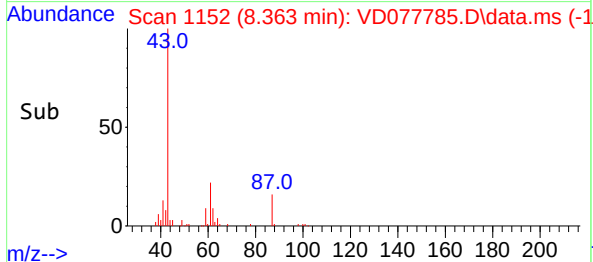
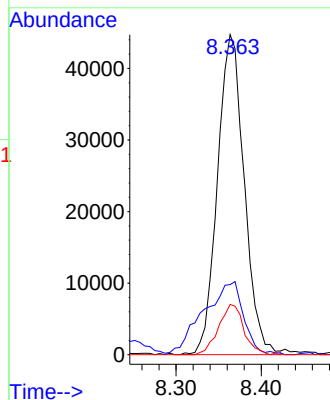
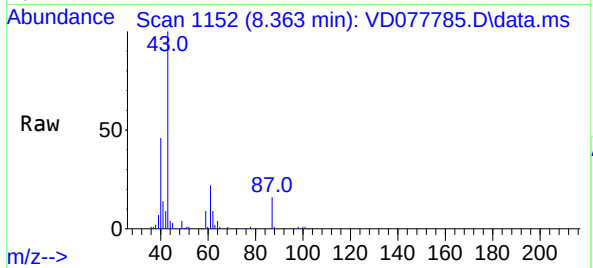




#43
Isopropyl Acetate
Concen: 51.264 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

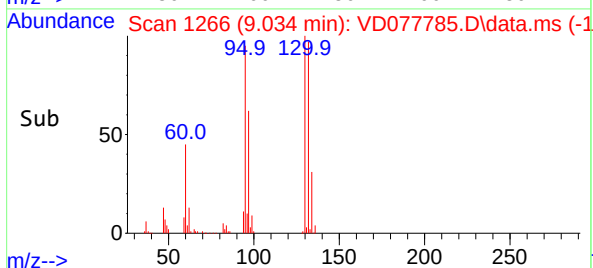
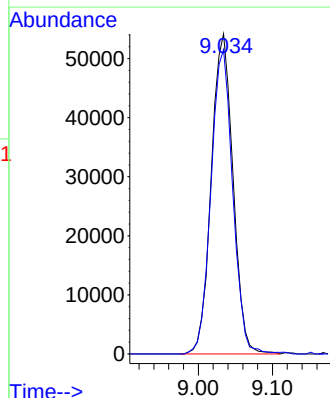
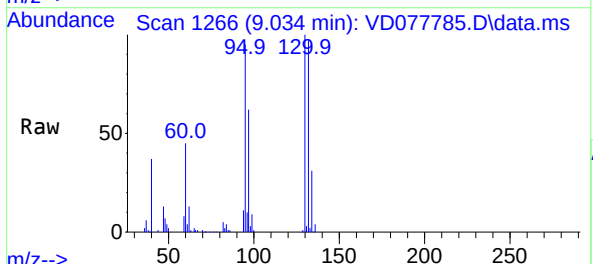
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

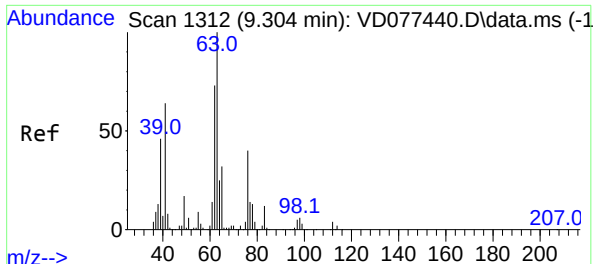
Tgt Ion: 43 Resp: 97477
Ion Ratio Lower Upper
43 100
61 34.3 31.4 47.0
87 14.8 14.9 22.3#



#44
Trichloroethene
Concen: 54.282 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion:130 Resp: 110045
Ion Ratio Lower Upper
130 100
95 95.1 0.0 179.2

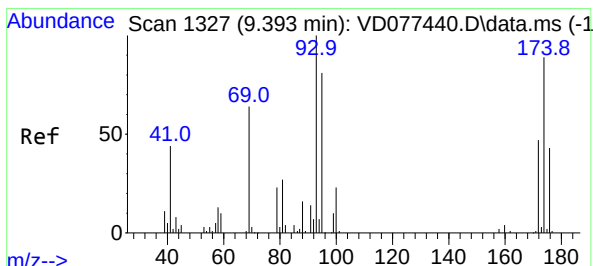
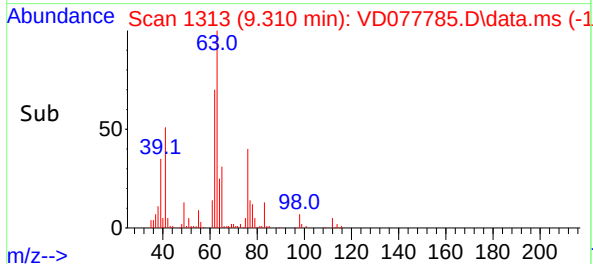
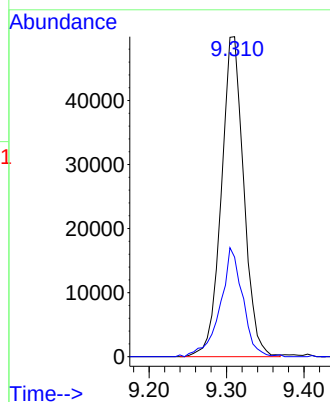
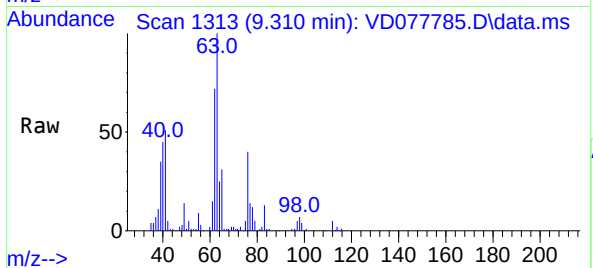




#45
1,2-Dichloropropane
Concen: 52.875 ug/l
RT: 9.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

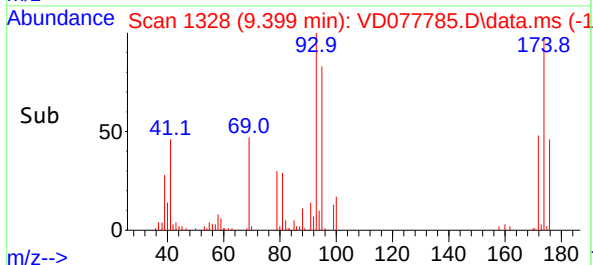
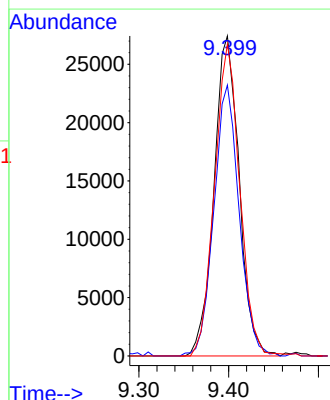
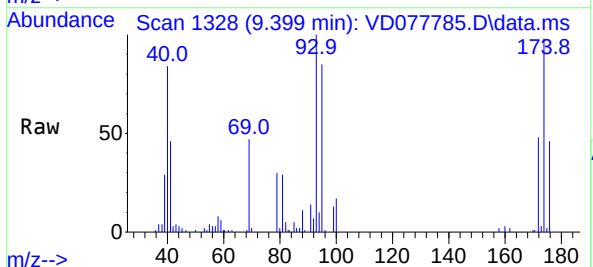
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

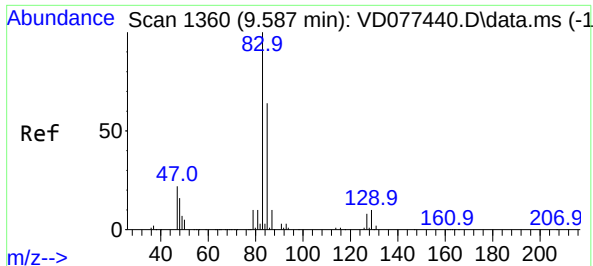
Tgt Ion: 63 Resp: 100645
Ion Ratio Lower Upper
63 100
65 30.5 24.5 36.7



#46
Dibromomethane
Concen: 53.368 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 93 Resp: 53361
Ion Ratio Lower Upper
93 100
95 85.3 67.7 101.5
174 98.1 85.4 128.2

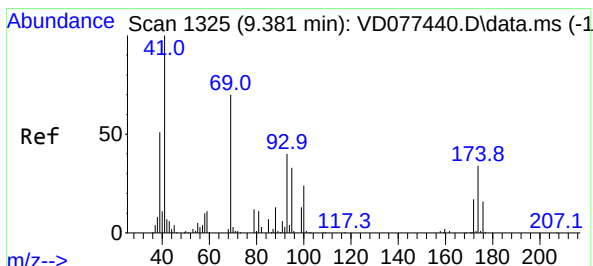
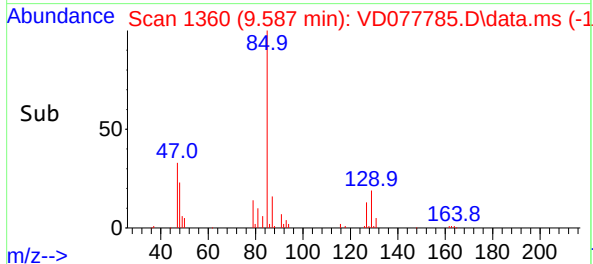
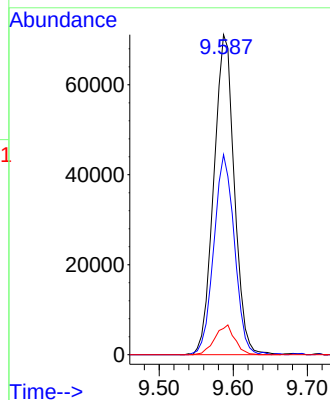
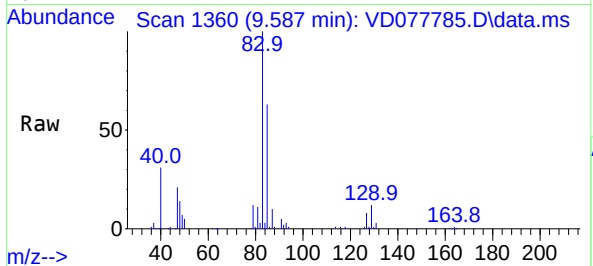




#47
Bromodichloromethane
Concen: 53.850 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

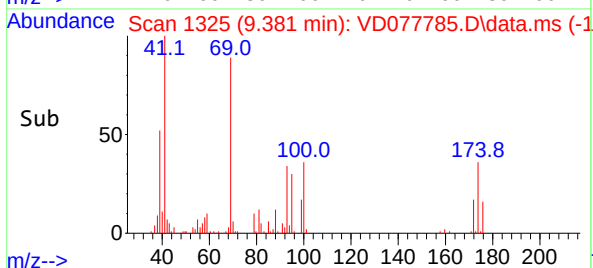
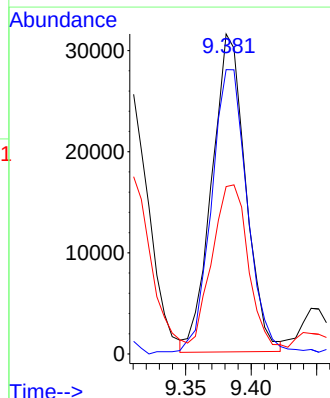
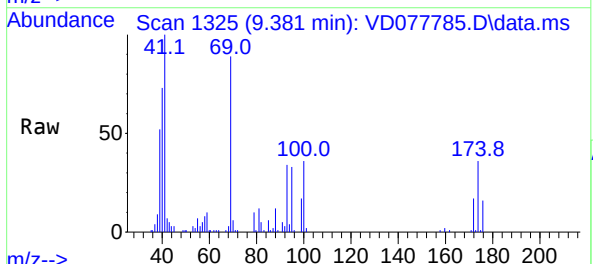
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

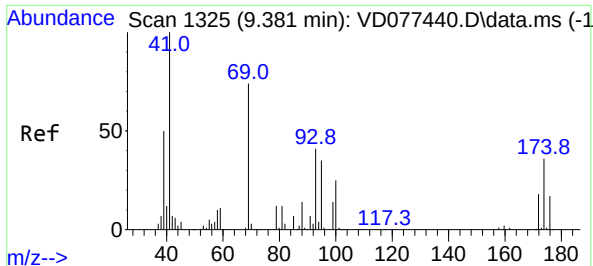
Tgt Ion: 83 Resp: 136693
Ion Ratio Lower Upper
83 100
85 62.5 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 52.001 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 41 Resp: 56442
Ion Ratio Lower Upper
41 100
69 94.3 102.2 153.2#
39 58.1 41.4 62.2

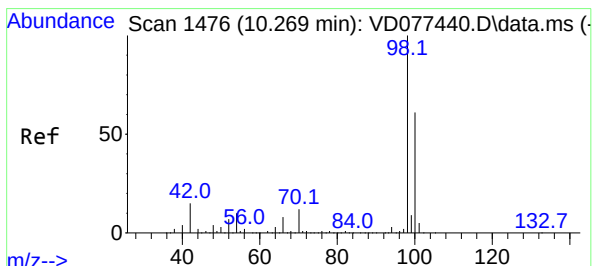
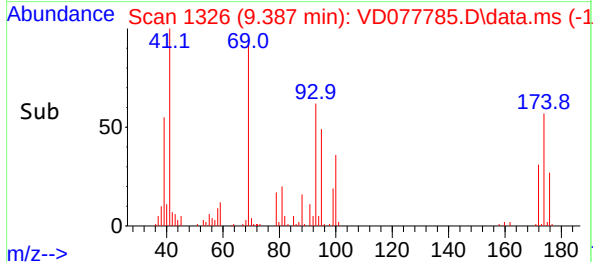
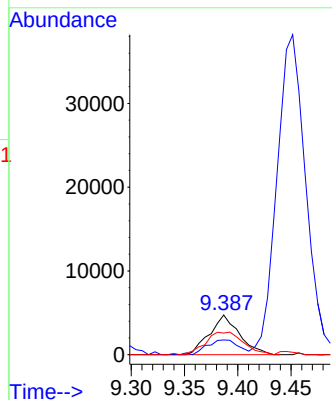
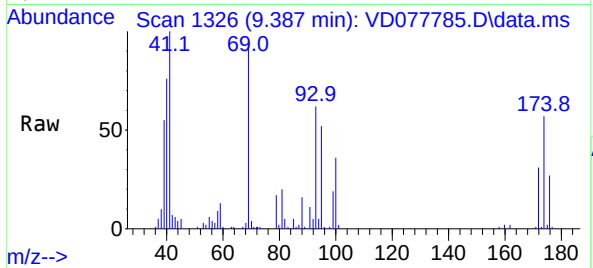




#49
1,4-Dioxane
Concen: 919.150 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

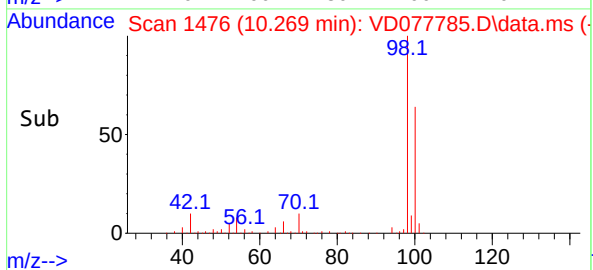
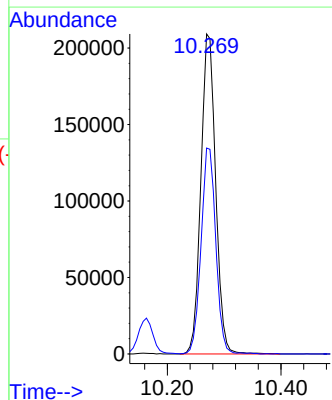
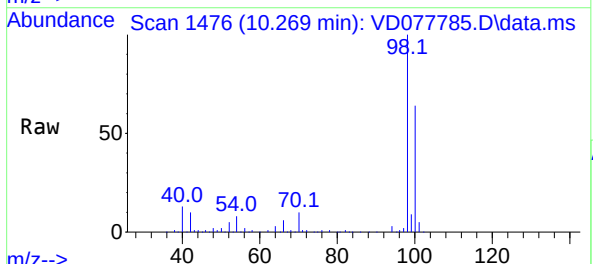
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

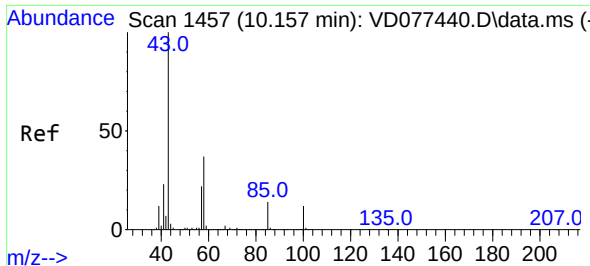
Tgt Ion: 88 Resp: 9211
Ion Ratio Lower Upper
88 100
43 39.8 19.0 28.6#
58 72.5 43.5 65.3#



#50
Toluene-d8
Concen: 54.963 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 98 Resp: 377422
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5

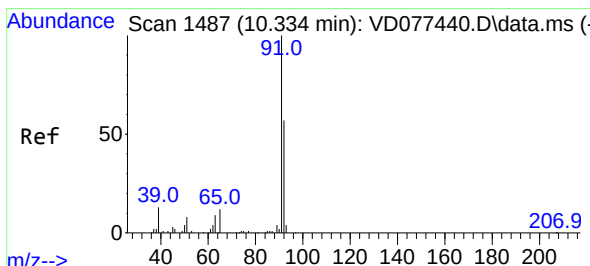
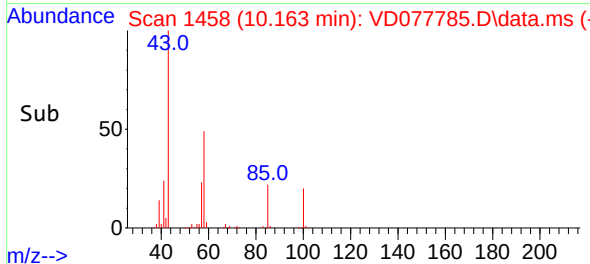
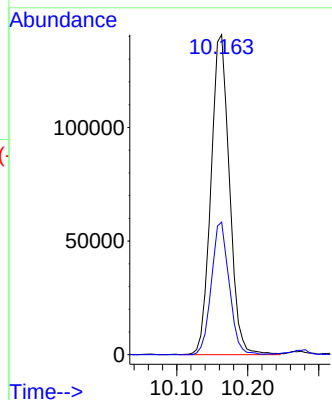
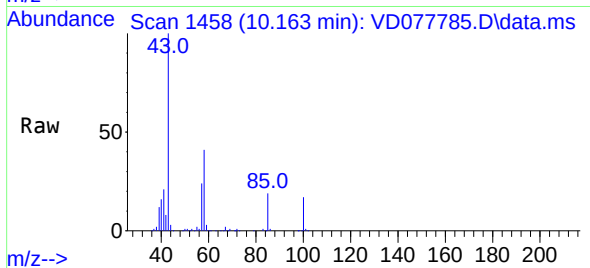




#51
4-Methyl-2-Pentanone
Concen: 261.502 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

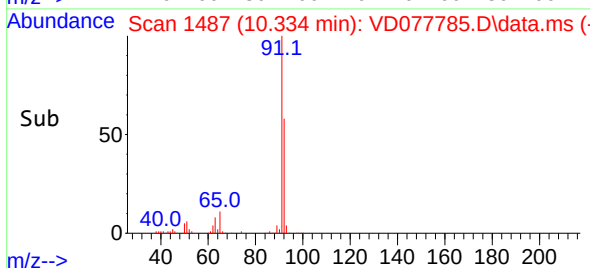
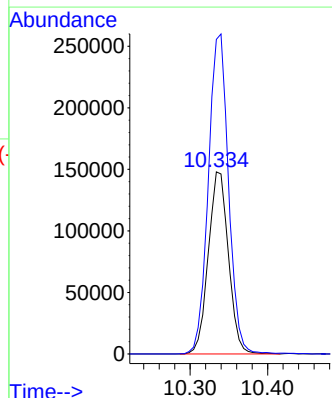
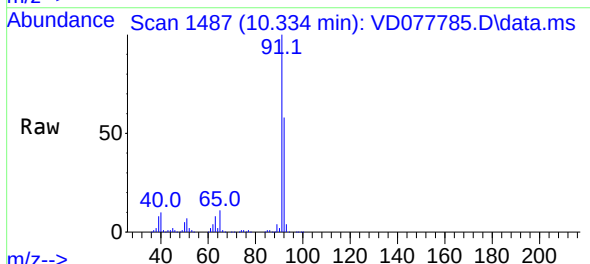
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

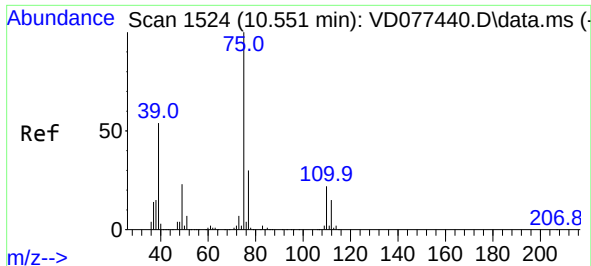
Tgt Ion: 43 Resp: 254551
Ion Ratio Lower Upper
43 100
58 39.9 38.9 58.3



#52
Toluene
Concen: 55.400 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 92 Resp: 267010
Ion Ratio Lower Upper
92 100
91 176.4 143.0 214.4

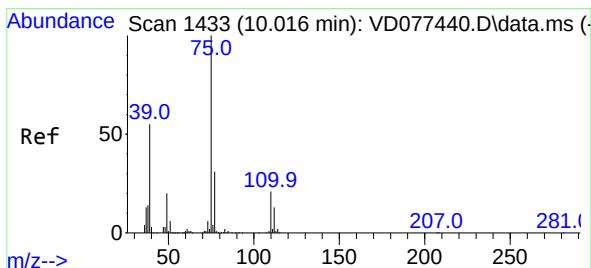
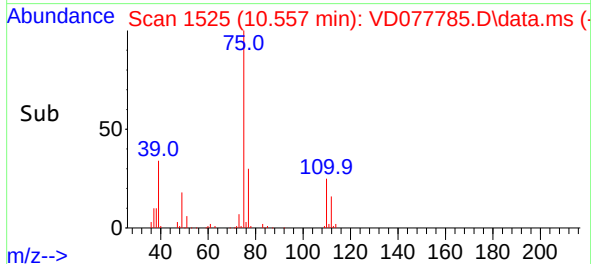
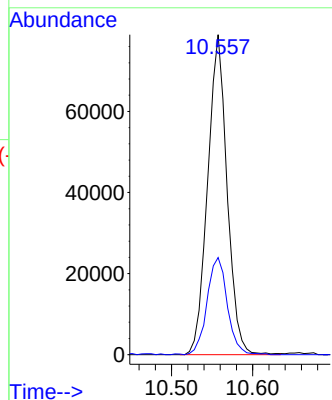
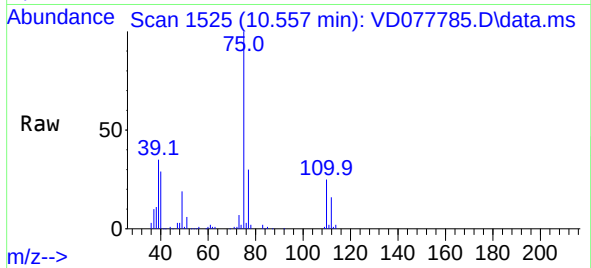




#53
t-1,3-Dichloropropene
Concen: 53.893 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

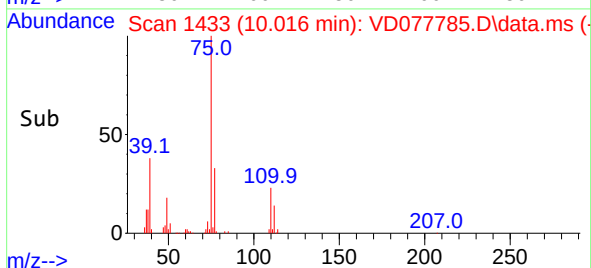
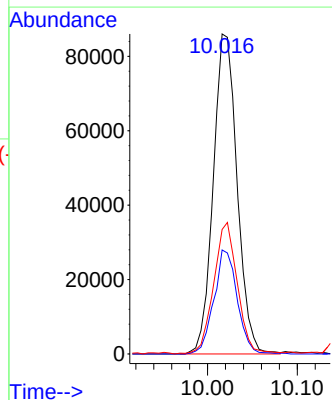
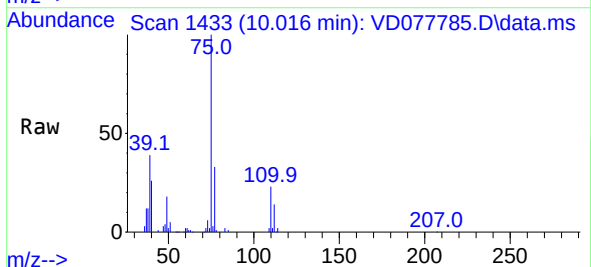
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

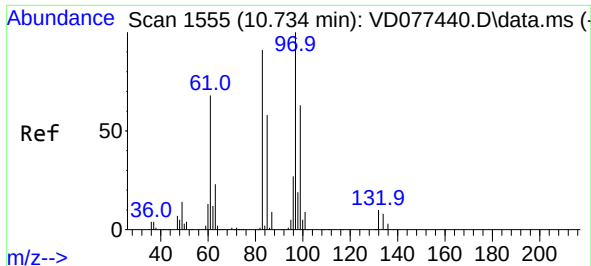
Tgt Ion: 75 Resp: 131259
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 53.912 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 75 Resp: 158865
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3
39 38.7 22.1 33.1#

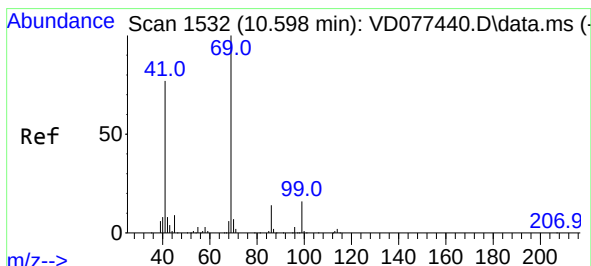
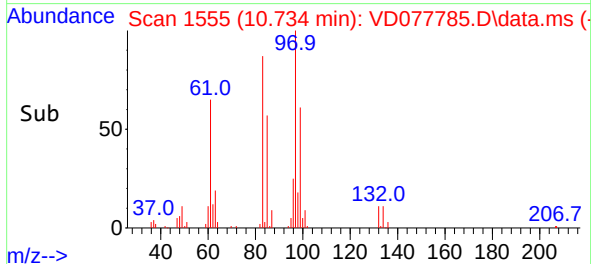
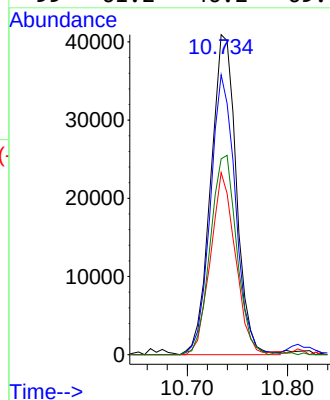
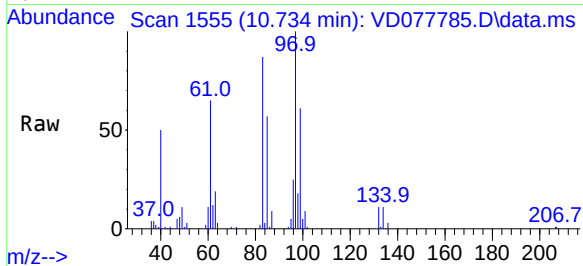




#55
1,1,2-Trichloroethane
Concen: 52.816 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

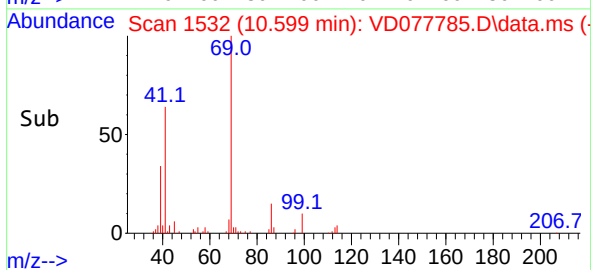
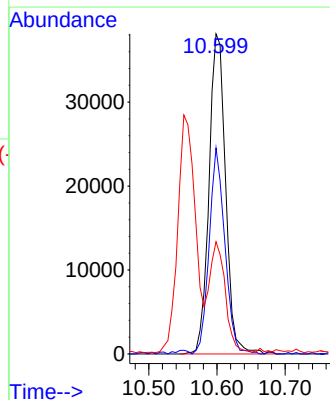
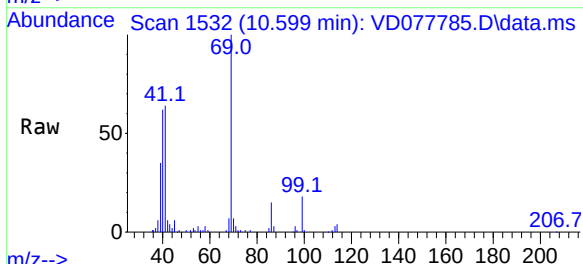
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

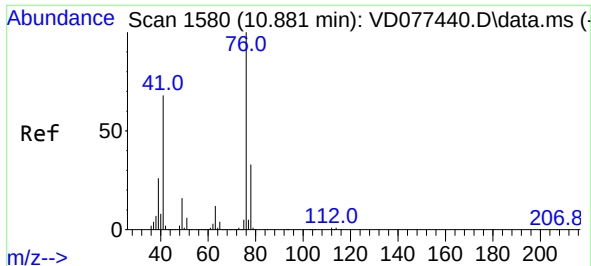
Tgt Ion:	97	Resp:	72697
Ion	Ratio	Lower	Upper
97	100		
83	87.4	65.8	98.6
85	56.9	45.7	68.5
99	61.2	46.2	69.4



#56
Ethyl methacrylate
Concen: 53.331 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion:	69	Resp:	64579
Ion	Ratio	Lower	Upper
69	100		
41	61.0	39.1	58.7#
39	32.7	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 53.487 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077785.D

Acq: 08 Dec 2023 11:01

Instrument :

MSVOA_D

ClientSampleId :

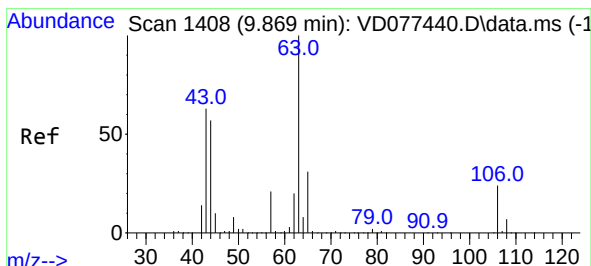
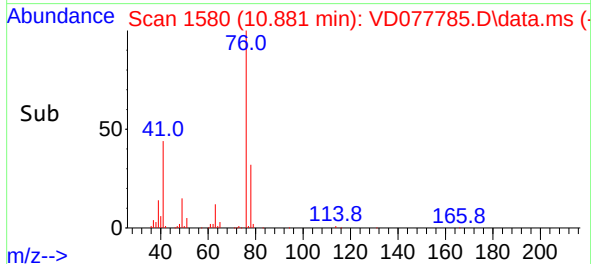
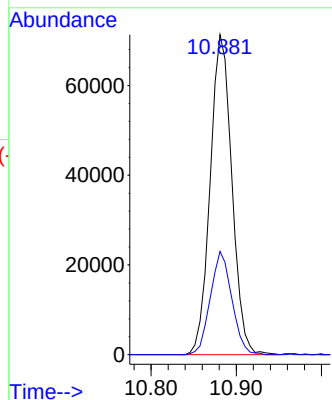
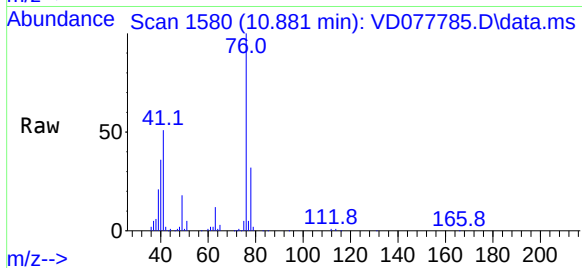
VSTDICCC050

Tgt Ion: 76 Resp: 126424

Ion Ratio Lower Upper

76 100

78 32.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 244.195 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD077785.D

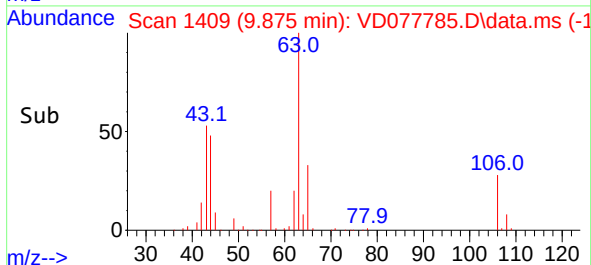
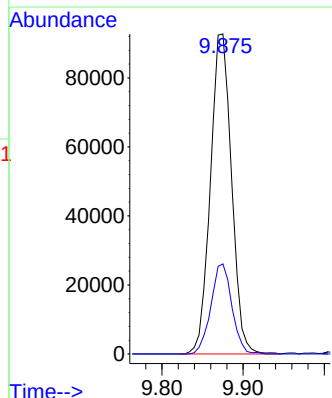
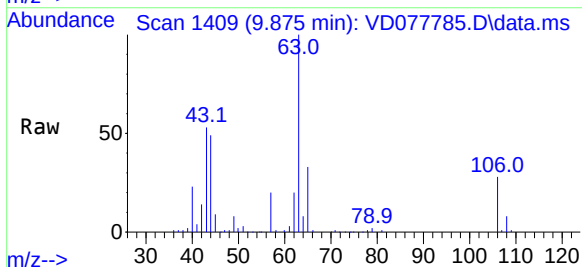
Acq: 08 Dec 2023 11:01

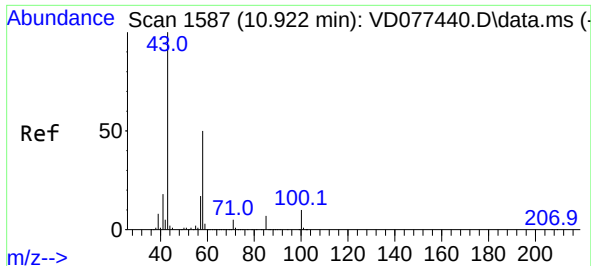
Tgt Ion: 63 Resp: 167773

Ion Ratio Lower Upper

63 100

106 27.9 25.3 37.9

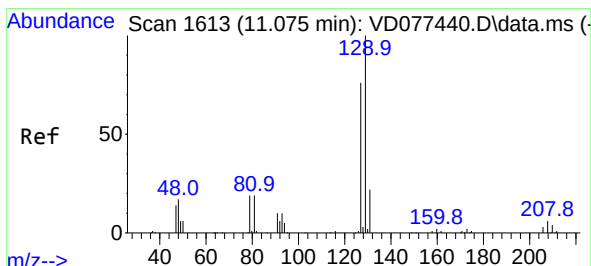
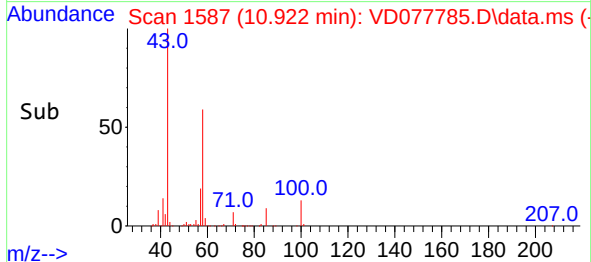
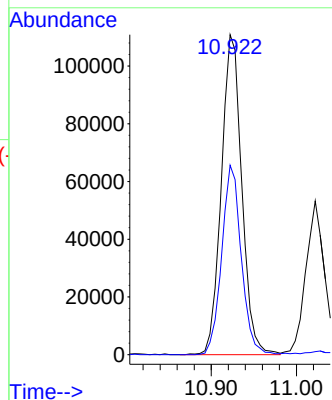
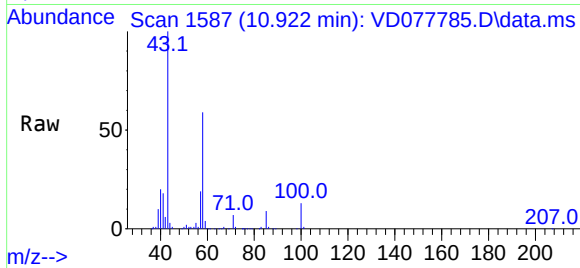




#59
2-Hexanone
Concen: 248.189 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

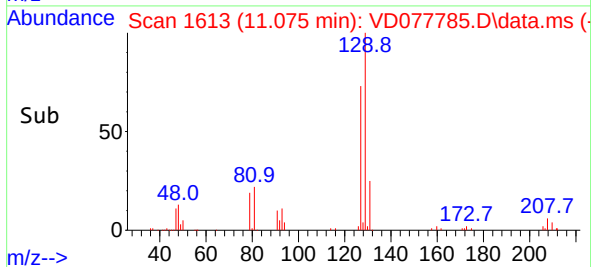
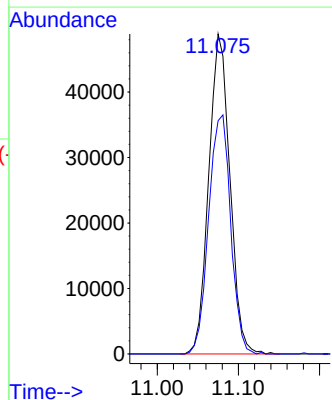
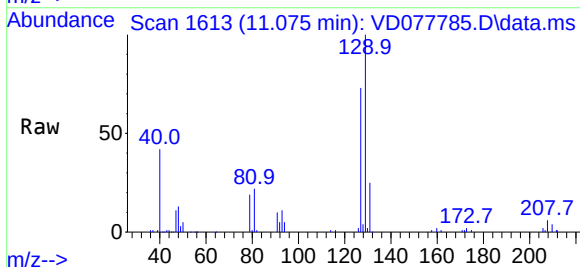
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

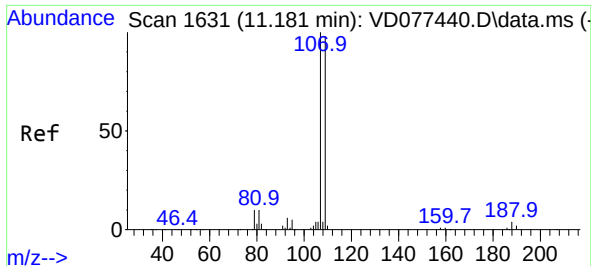
Tgt Ion: 43 Resp: 184655
Ion Ratio Lower Upper
43 100
58 56.6 34.1 102.2



#60
Dibromochloromethane
Concen: 53.141 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion:129 Resp: 88386
Ion Ratio Lower Upper
129 100
127 77.9 37.1 111.5

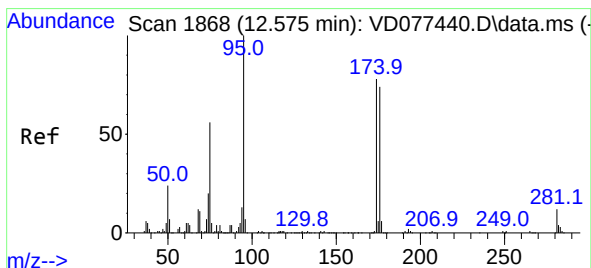
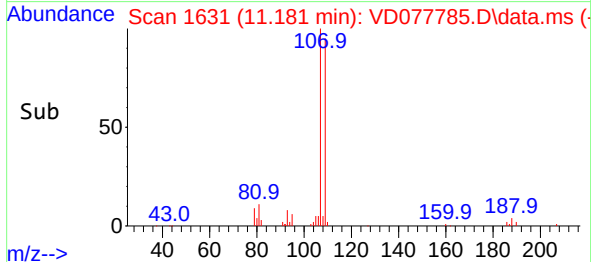
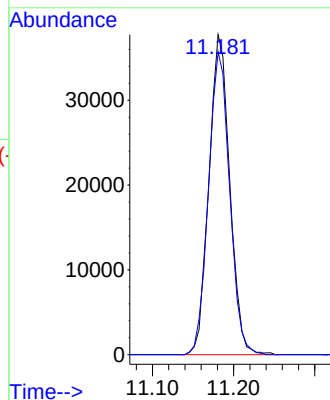
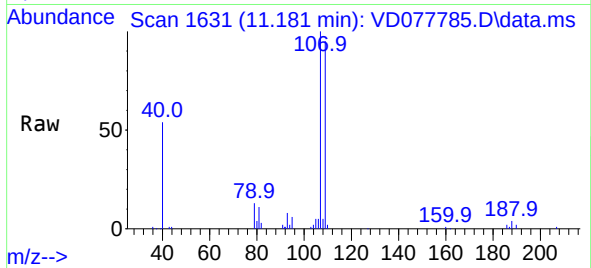




#61
1,2-Dibromoethane
Concen: 51.629 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

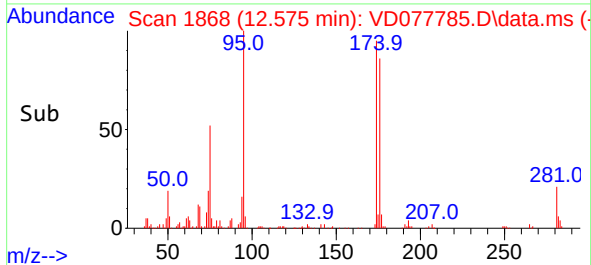
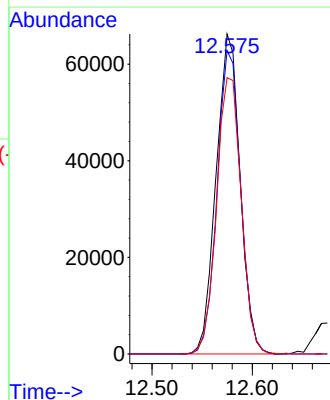
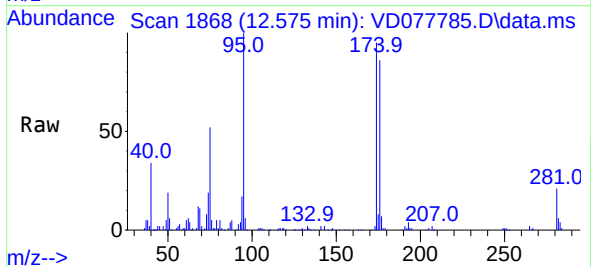
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

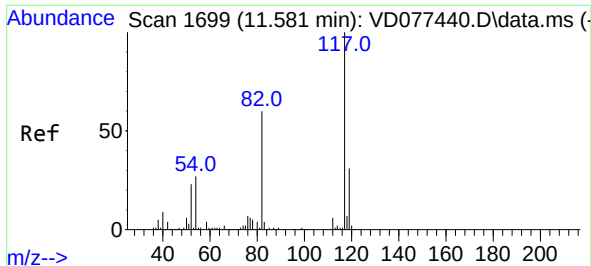
Tgt Ion:107 Resp: 67204
Ion Ratio Lower Upper
107 100
109 96.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.702 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 95 Resp: 109950
Ion Ratio Lower Upper
95 100
174 92.8 0.0 201.8
176 88.9 0.0 191.8

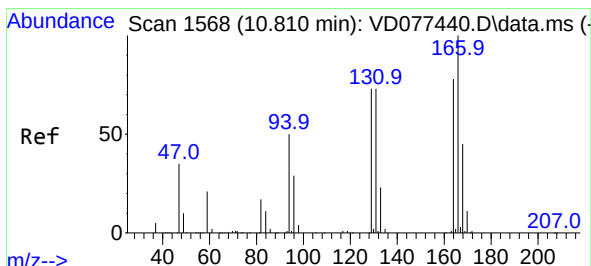
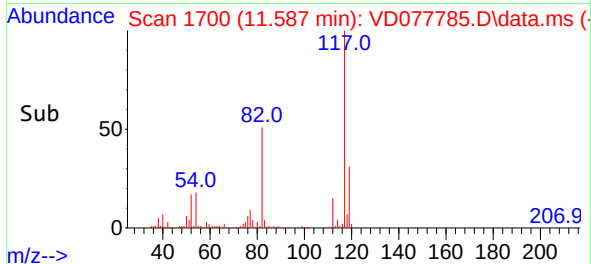
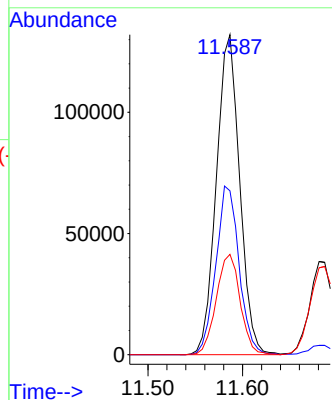
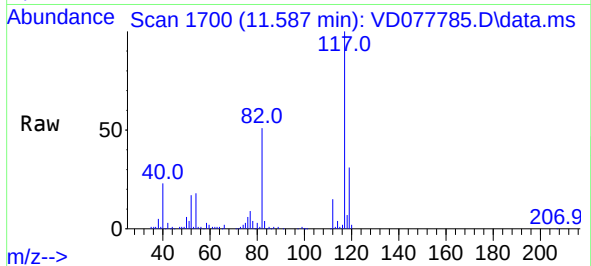




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

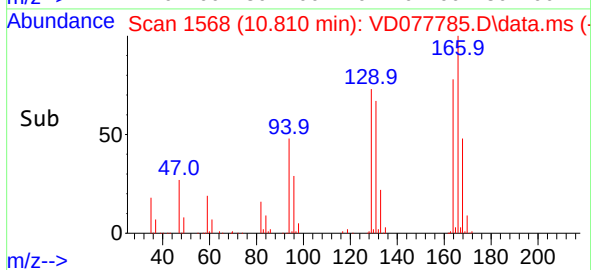
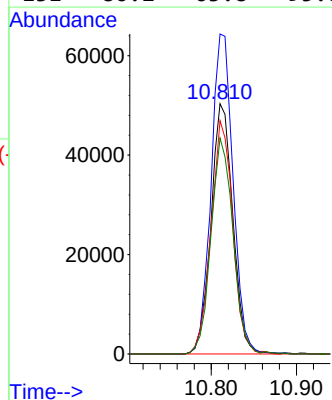
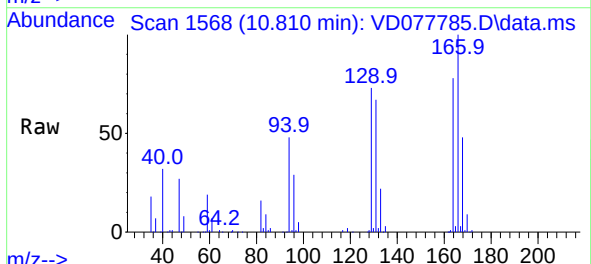
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

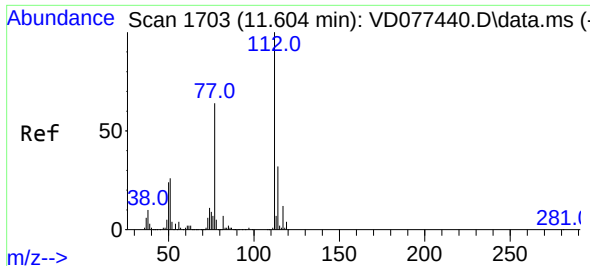
Tgt Ion:117 Resp: 226079
Ion Ratio Lower Upper
117 100
82 51.2 38.3 57.5
119 31.3 25.0 37.4



#64
Tetrachloroethene
Concen: 53.683 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion:164 Resp: 90084
Ion Ratio Lower Upper
164 100
166 127.9 99.2 148.8
129 93.3 68.4 102.6
131 86.2 63.8 95.8

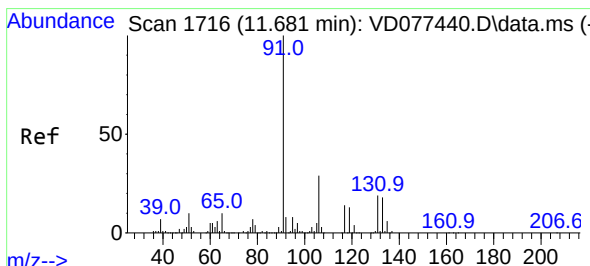
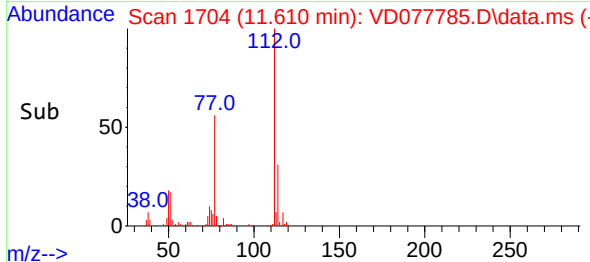
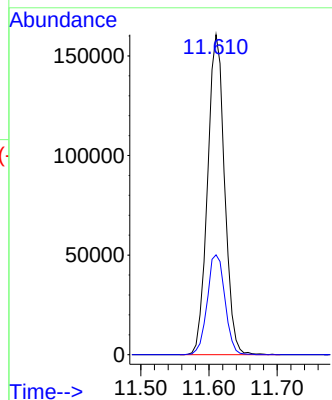
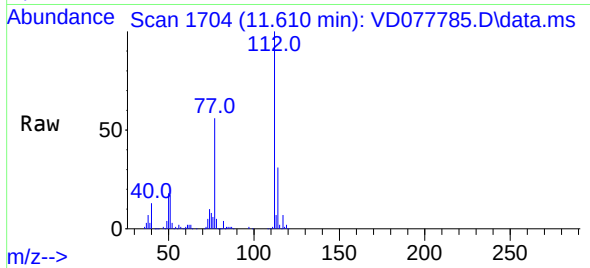




#65
Chlorobenzene
Concen: 52.155 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

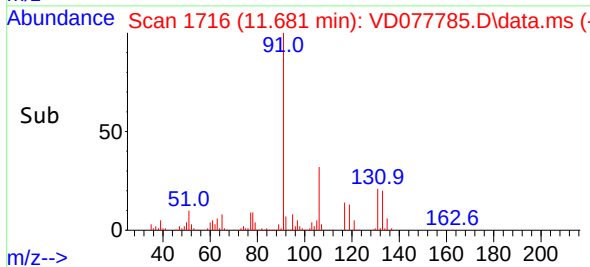
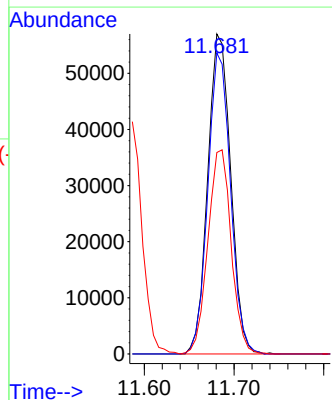
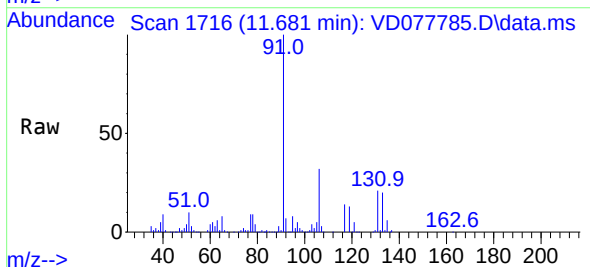
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

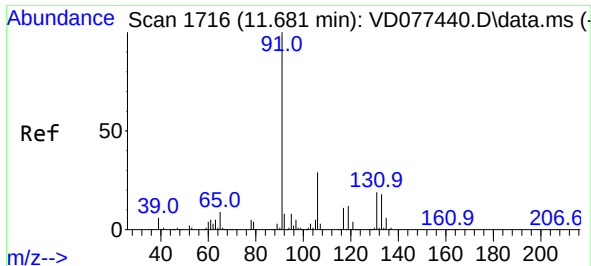
Tgt Ion:112 Resp: 279118
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.152 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion:131 Resp: 101234
Ion Ratio Lower Upper
131 100
133 93.0 48.5 145.5
119 64.8 35.6 106.9





#67

Ethyl Benzene

Concen: 54.126 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077785.D

Acq: 08 Dec 2023 11:01

Instrument :

MSVOA_D

ClientSampleId :

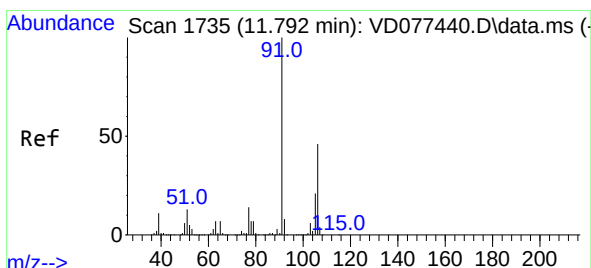
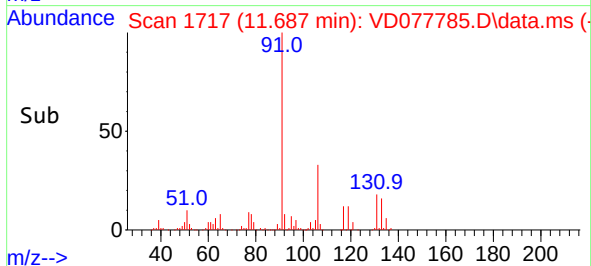
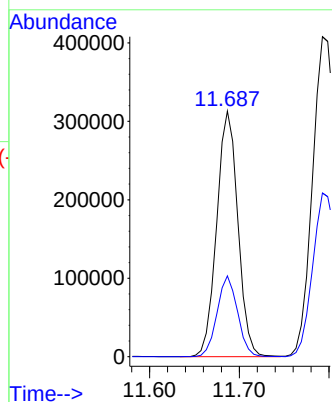
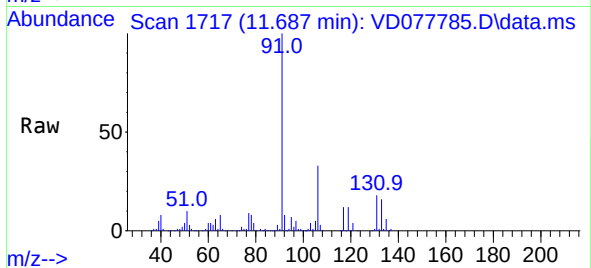
VSTDICCC050

Tgt Ion: 91 Resp: 512770

Ion Ratio Lower Upper

91 100

106 32.9 26.5 39.7



#68

m/p-Xylenes

Concen: 110.228 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD077785.D

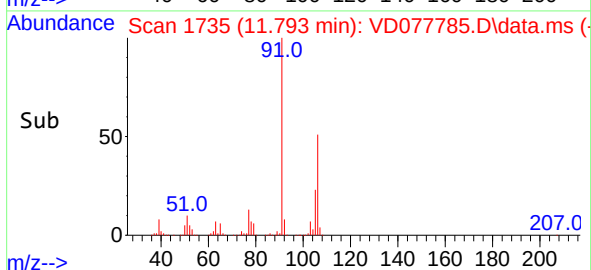
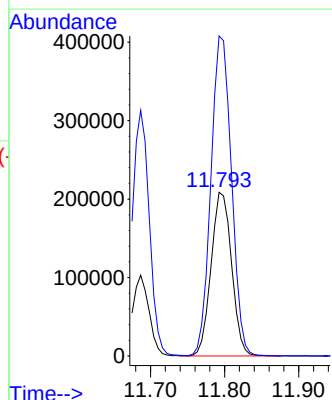
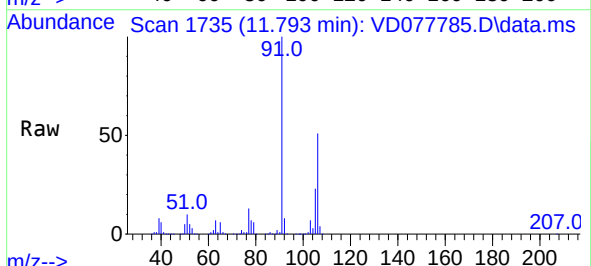
Acq: 08 Dec 2023 11:01

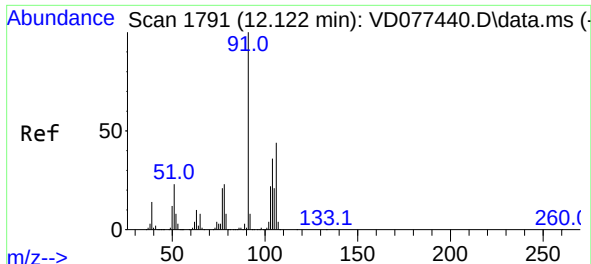
Tgt Ion: 106 Resp: 400720

Ion Ratio Lower Upper

106 100

91 196.3 147.0 220.6

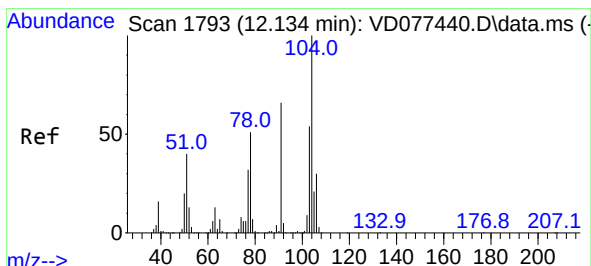
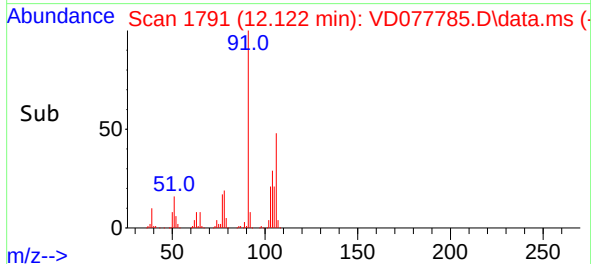
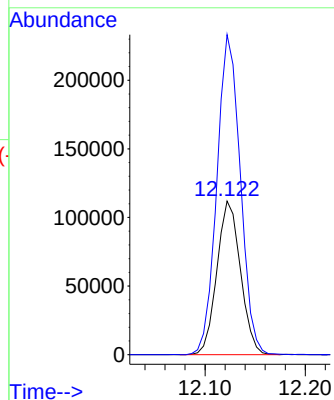
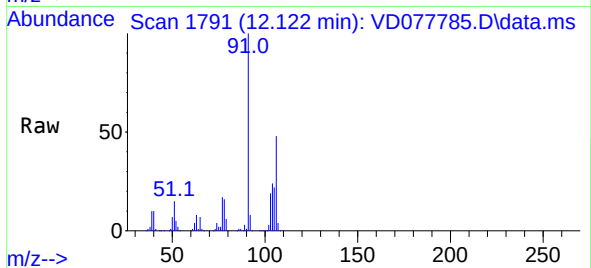




#69
o-Xylene
Concen: 54.464 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

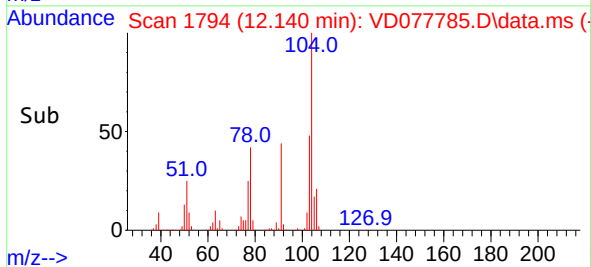
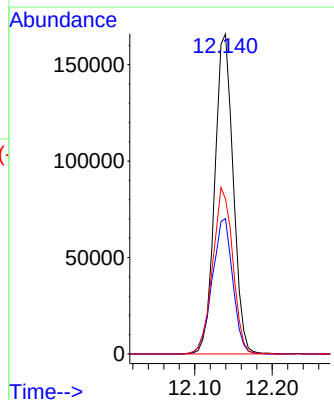
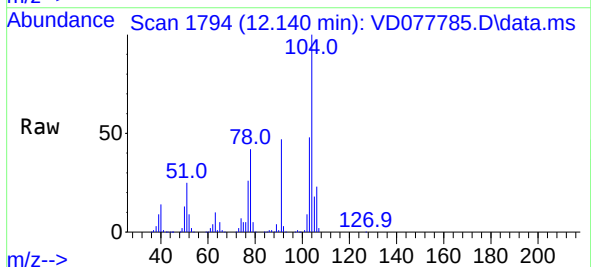
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

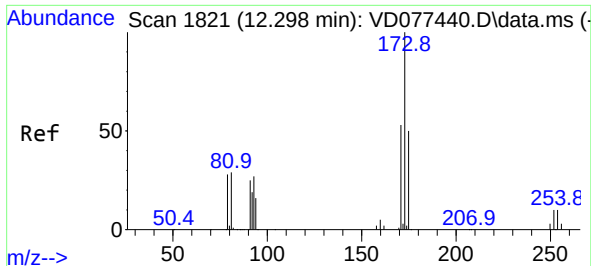
Tgt Ion:106 Resp: 182644
Ion Ratio Lower Upper
106 100
91 207.8 97.9 293.6



#70
Styrene
Concen: 55.080 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion:104 Resp: 273800
Ion Ratio Lower Upper
104 100
78 46.9 33.2 49.8
103 56.9 43.6 65.4

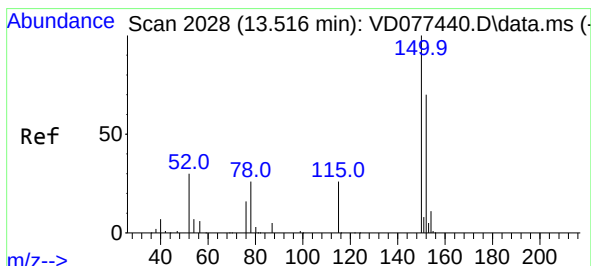
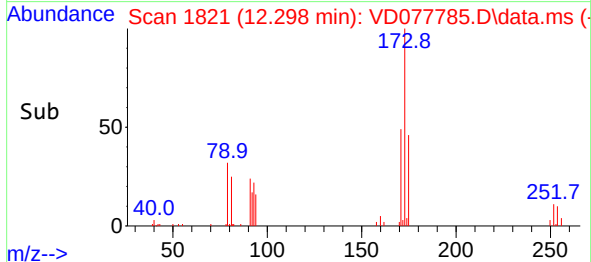
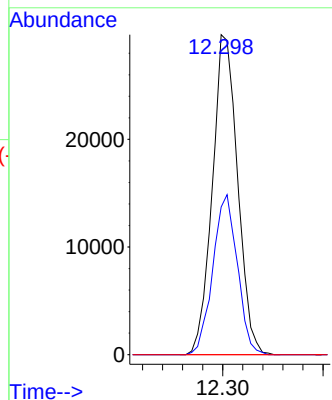
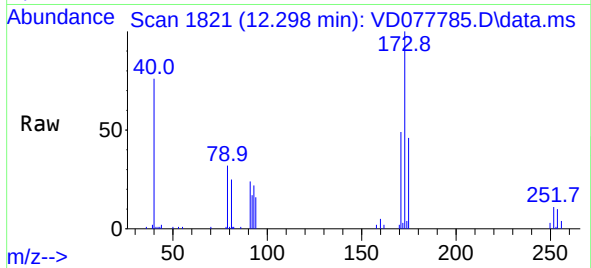




#71
Bromoform
Concen: 52.302 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

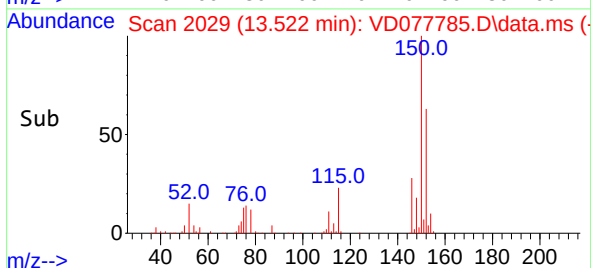
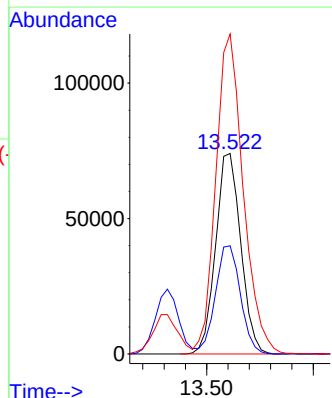
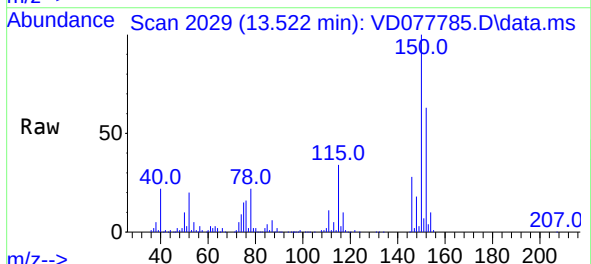
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

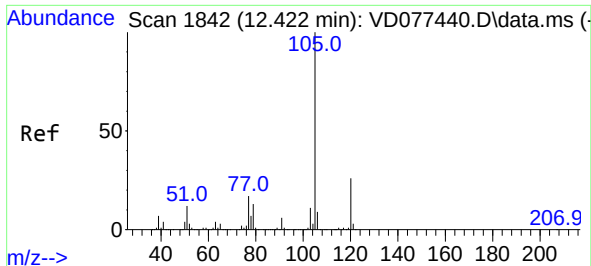
Tgt Ion:173 Resp: 51902
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion:152 Resp: 121113
Ion Ratio Lower Upper
152 100
115 54.0 27.1 81.3
150 174.5 0.0 353.6

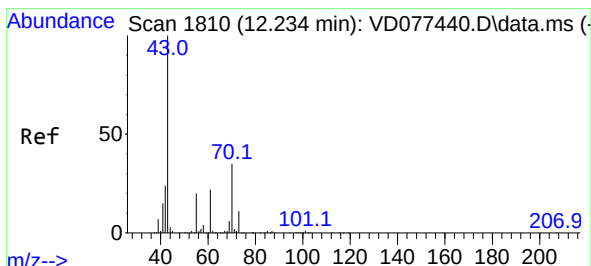
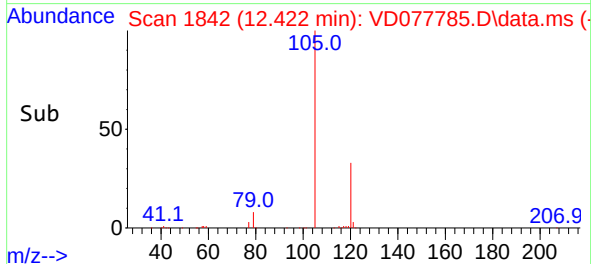
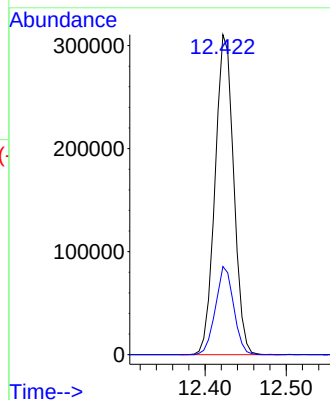
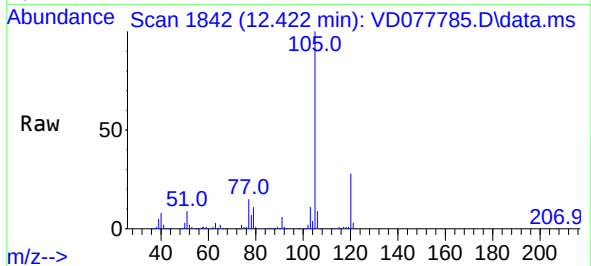




#73
Isopropylbenzene
Concen: 53.519 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

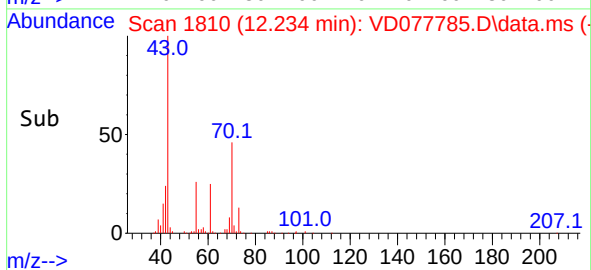
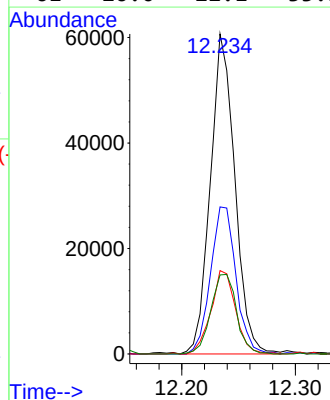
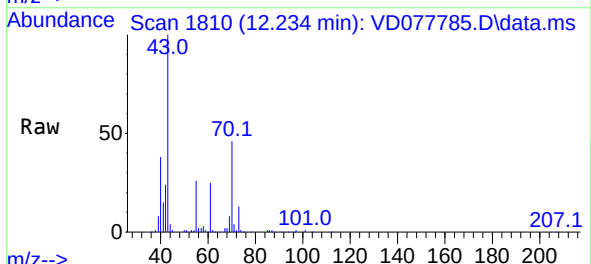
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

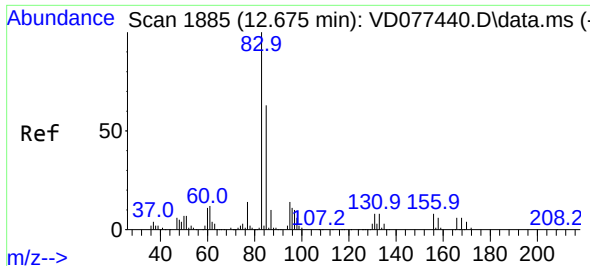
Tgt Ion:105 Resp: 494854
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9



#74
N-ethyl acetate
Concen: 49.941 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 43 Resp: 91075
Ion Ratio Lower Upper
43 100
70 47.8 45.0 67.4
55 26.3 23.8 35.6
61 26.0 22.1 33.1

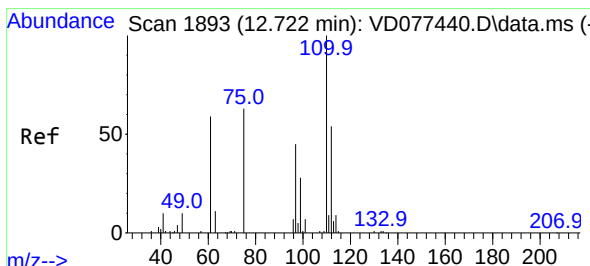
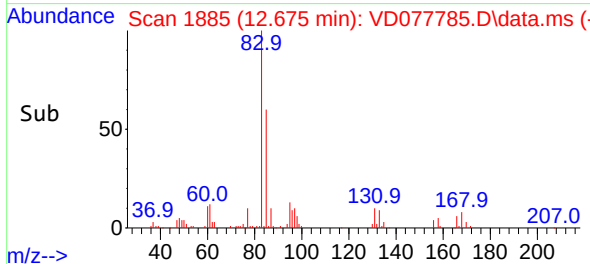
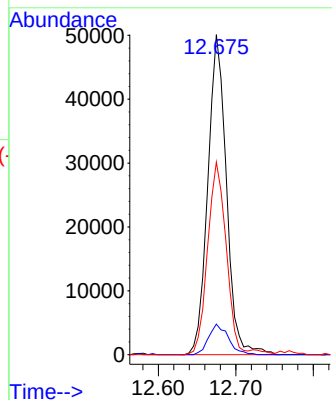
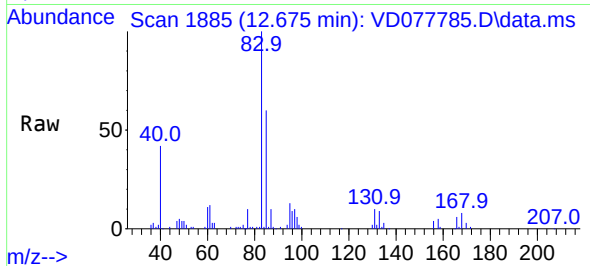




#75
1,1,2,2-Tetrachloroethane
Concen: 51.499 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

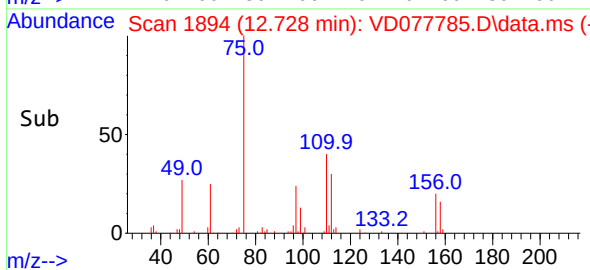
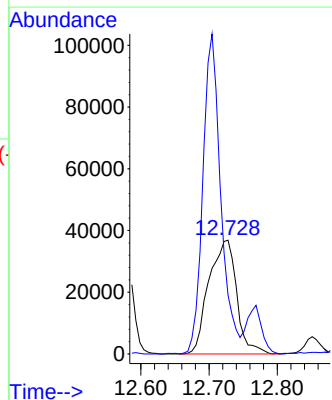
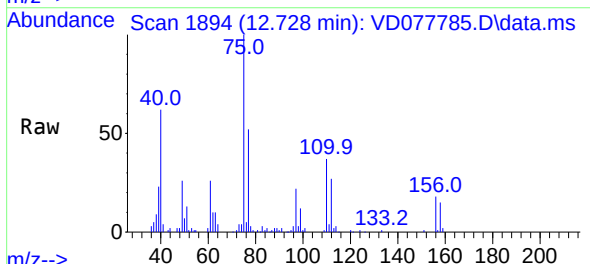
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

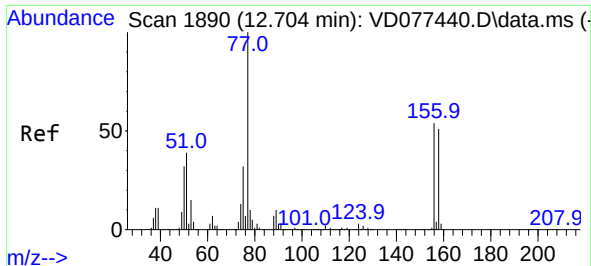
Tgt Ion: 83 Resp: 83651
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 59.8 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 100.075 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 75 Resp: 104645
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

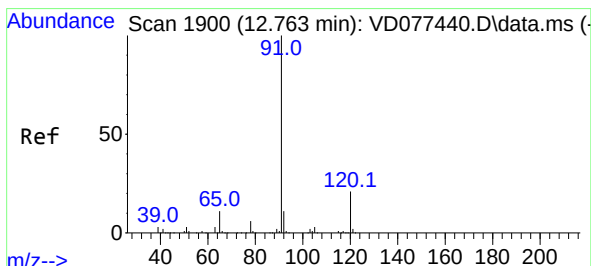
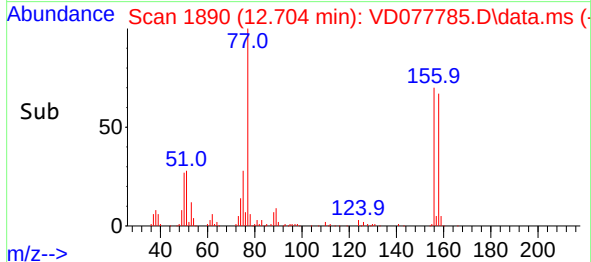
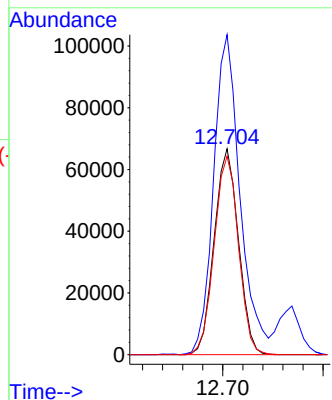
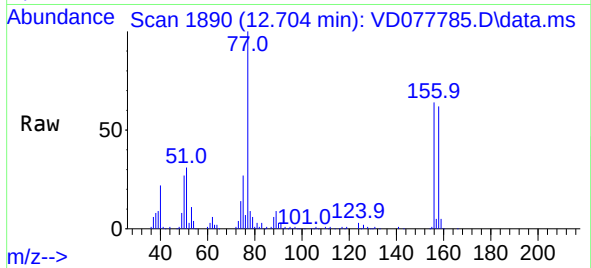




#77
Bromobenzene
Concen: 51.488 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

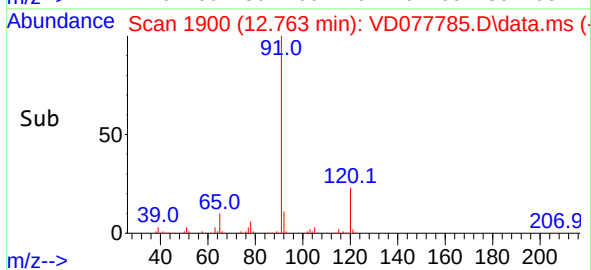
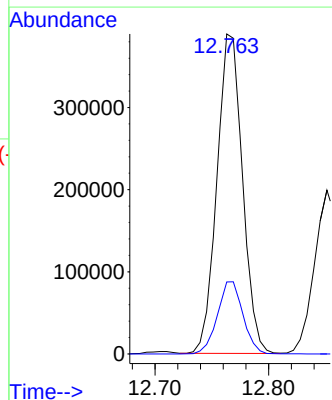
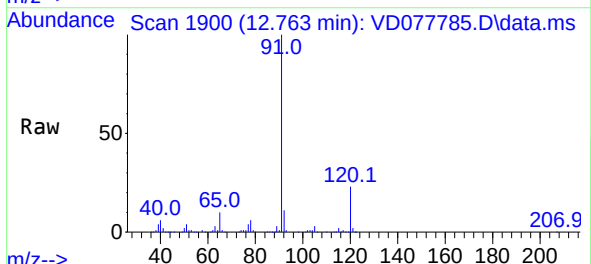
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

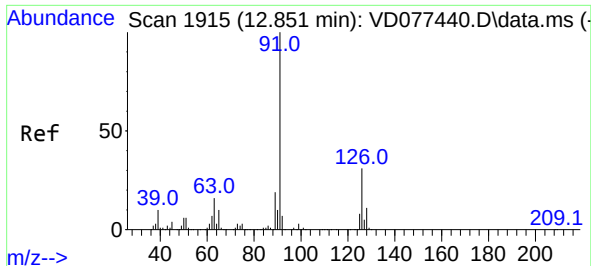
Tgt Ion:156 Resp: 112056
Ion Ratio Lower Upper
156 100
77 169.2 76.8 230.4
158 96.3 48.6 145.9



#78
n-propylbenzene
Concen: 54.335 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 91 Resp: 608010
Ion Ratio Lower Upper
91 100
120 22.7 12.4 37.2

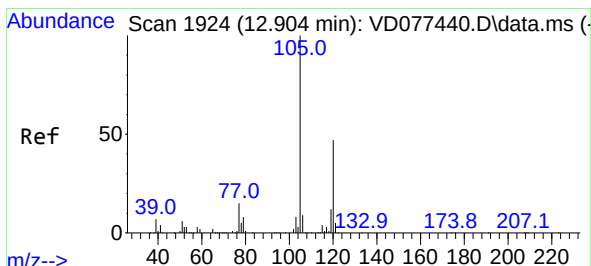
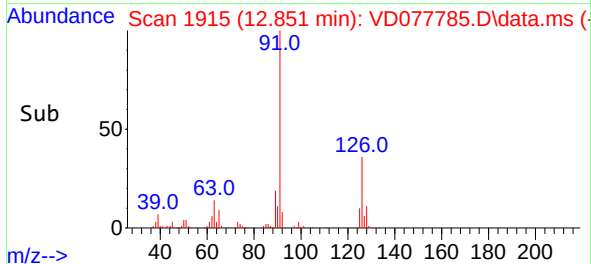
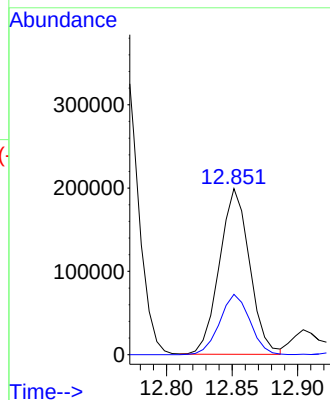
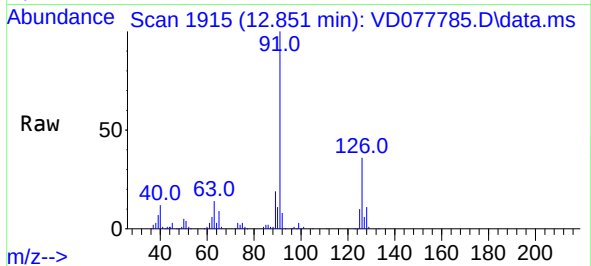




#79
2-Chlorotoluene
Concen: 52.882 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

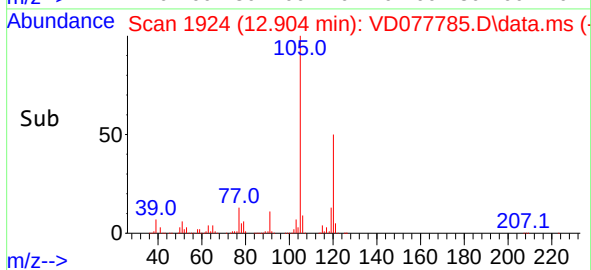
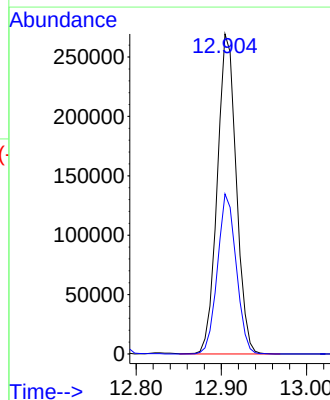
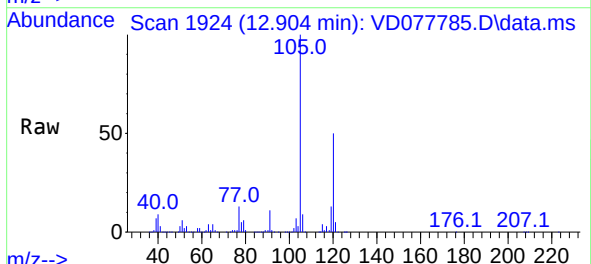
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

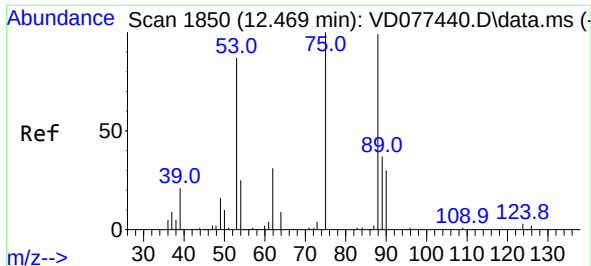
Tgt Ion: 91 Resp: 318083
Ion Ratio Lower Upper
91 100
126 36.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 54.060 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 105 Resp: 417292
Ion Ratio Lower Upper
105 100
120 49.4 26.4 79.2

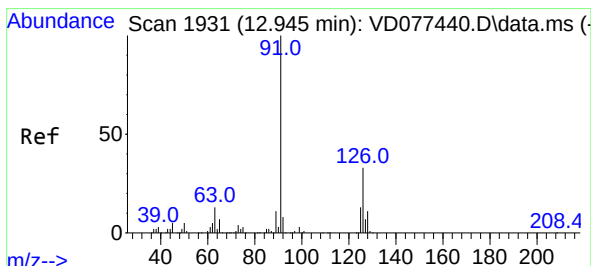
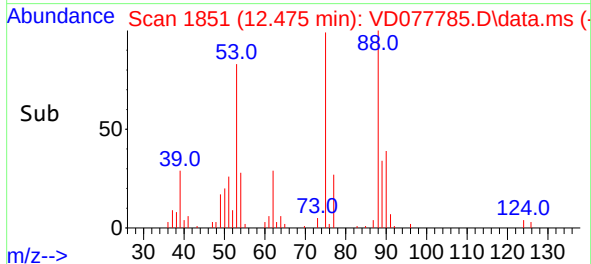
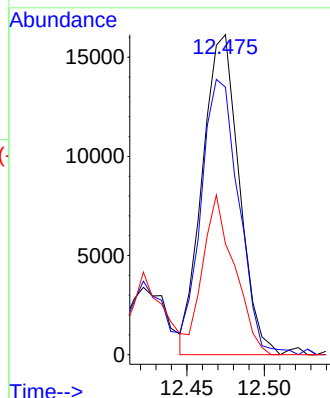
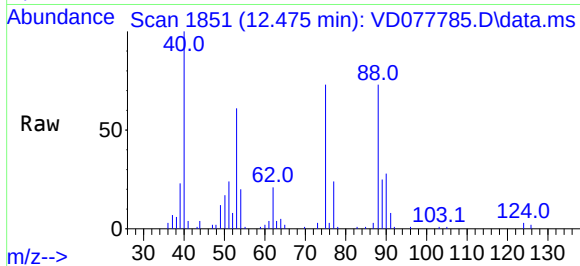




#81
trans-1,4-Dichloro-2-butene
Concen: 51.509 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

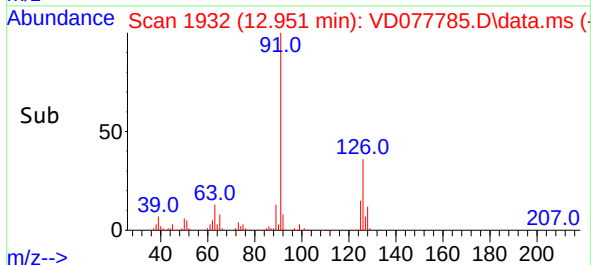
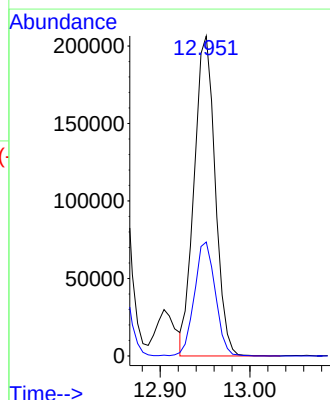
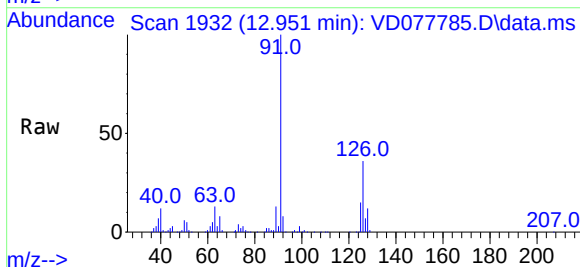
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

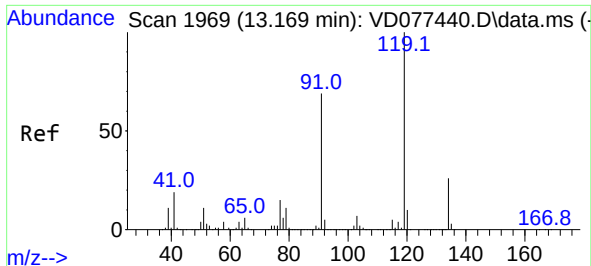
Tgt Ion: 75 Resp: 26615
Ion Ratio Lower Upper
75 100
53 88.1 63.0 94.4
89 41.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 53.411 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 91 Resp: 334594
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.4

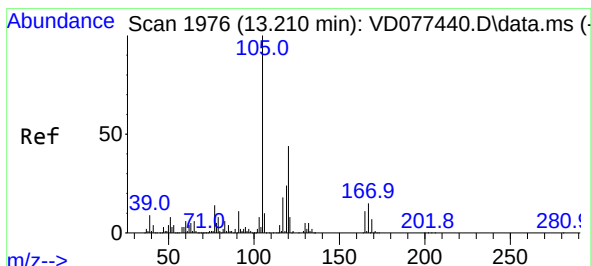
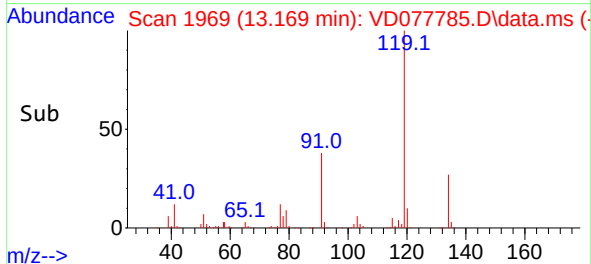
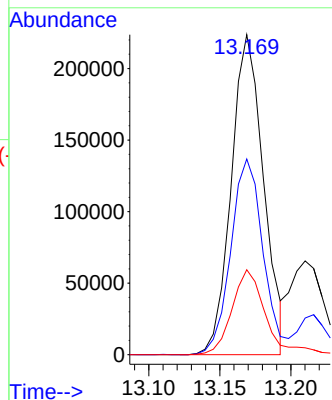
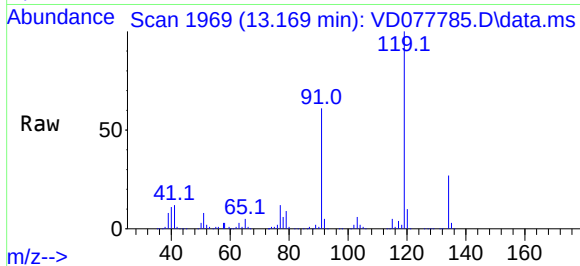




#83
tert-Butylbenzene
Concen: 54.456 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

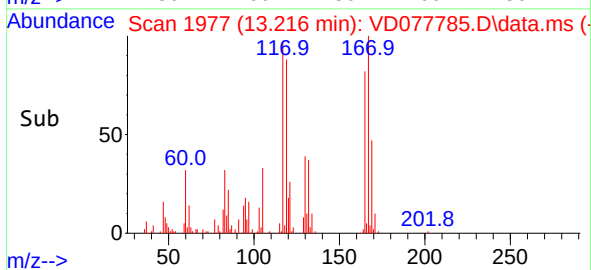
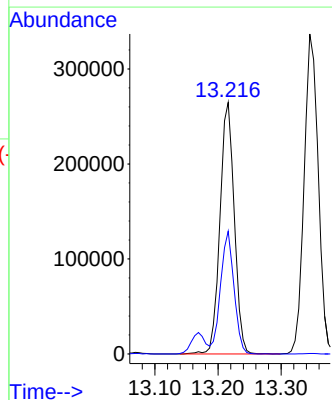
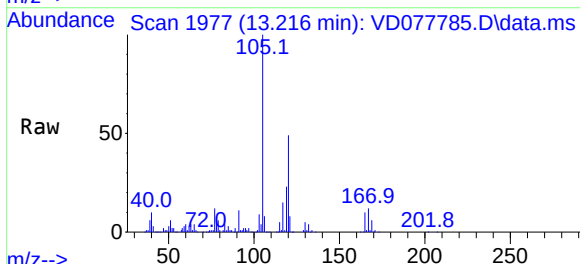
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

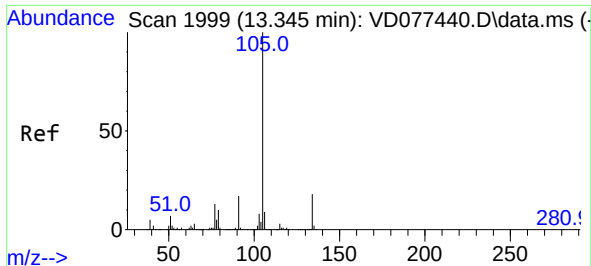
Tgt Ion:119 Resp: 353872
Ion Ratio Lower Upper
119 100
91 61.4 29.3 87.8
134 27.7 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 54.226 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion:105 Resp: 416675
Ion Ratio Lower Upper
105 100
120 45.7 24.3 72.9

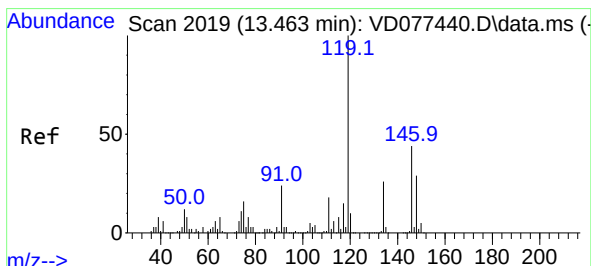
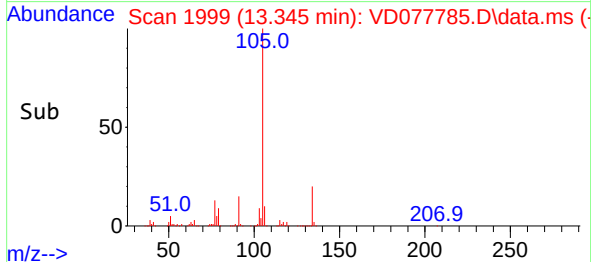
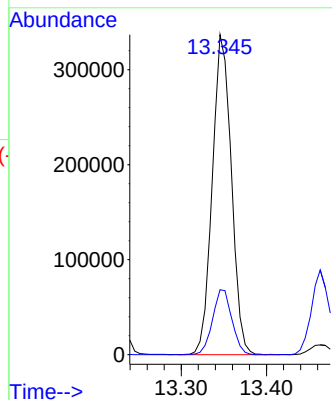
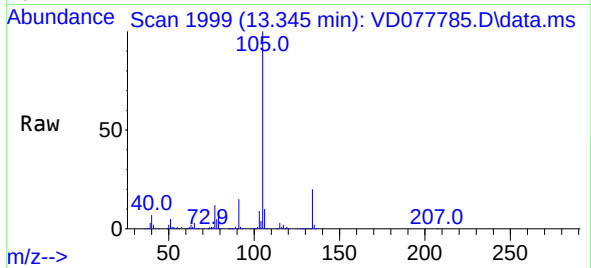




#85
 sec-Butylbenzene
 Concen: 54.505 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077785.D
 Acq: 08 Dec 2023 11:01

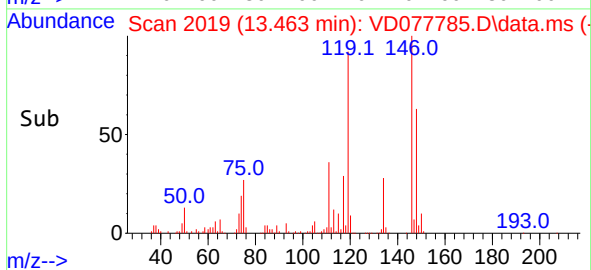
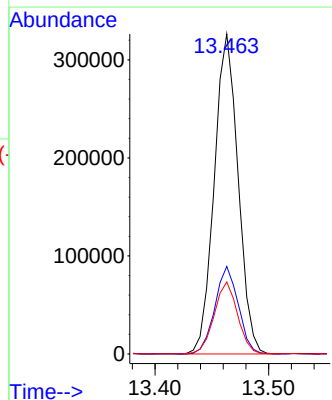
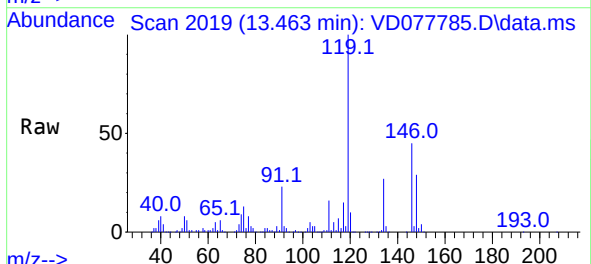
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

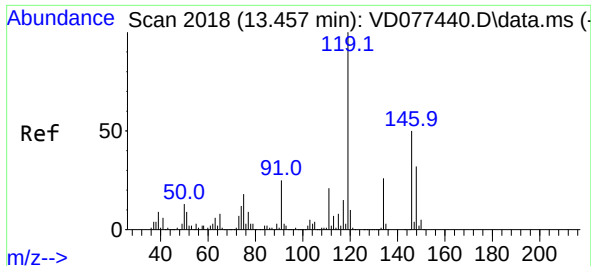
Tgt Ion:105 Resp: 522738
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 55.487 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077785.D
 Acq: 08 Dec 2023 11:01

Tgt Ion:119 Resp: 476068
 Ion Ratio Lower Upper
 119 100
 134 26.8 14.2 42.6
 91 22.2 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 53.118 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD077785.D

Acq: 08 Dec 2023 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

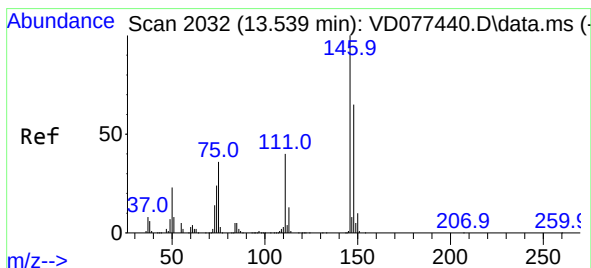
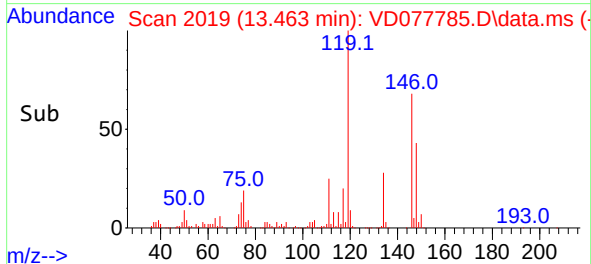
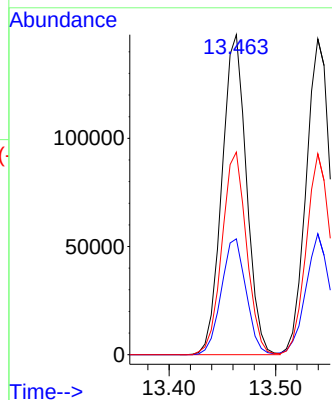
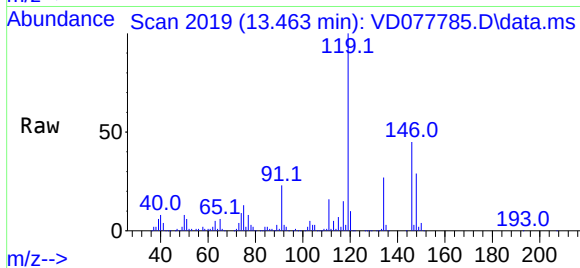
Tgt Ion:146 Resp: 236599

Ion Ratio Lower Upper

146 100

111 36.6 17.9 53.8

148 63.4 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 52.745 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD077785.D

Acq: 08 Dec 2023 11:01

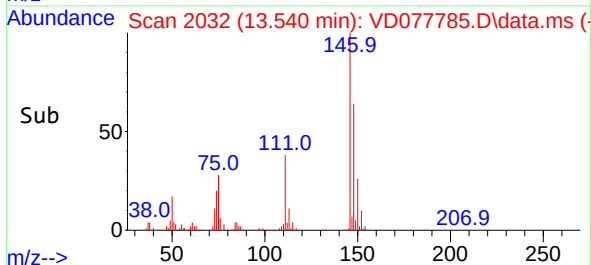
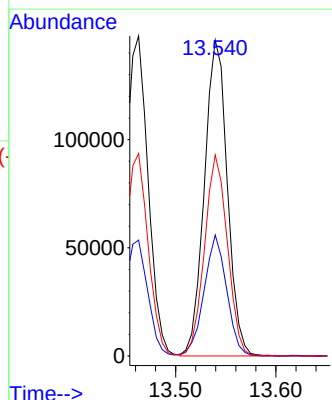
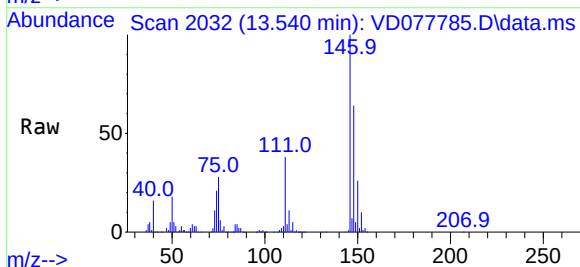
Tgt Ion:146 Resp: 232874

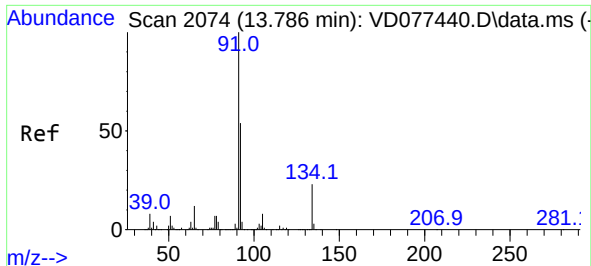
Ion Ratio Lower Upper

146 100

111 37.8 17.4 52.3

148 63.4 31.7 95.1

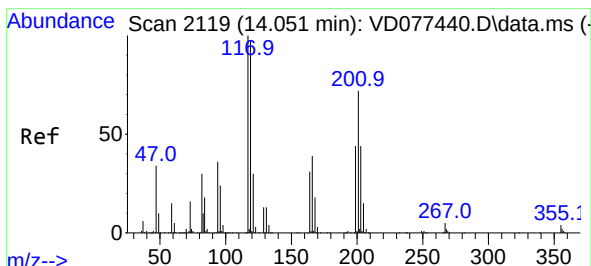
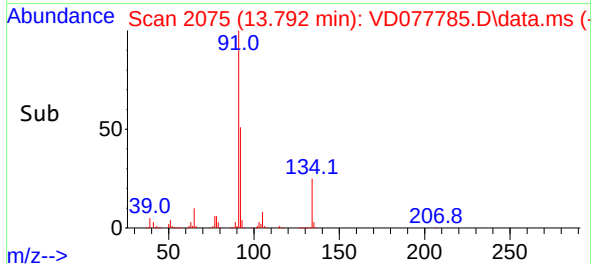
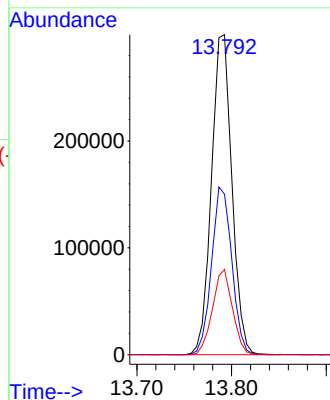
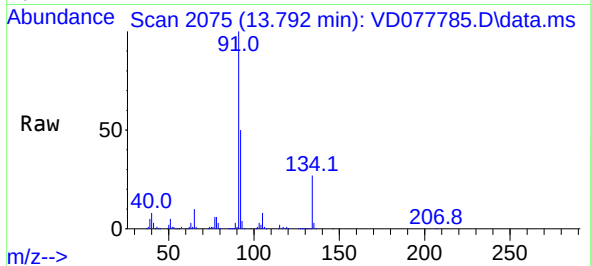




#89
n-Butylbenzene
Concen: 55.675 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

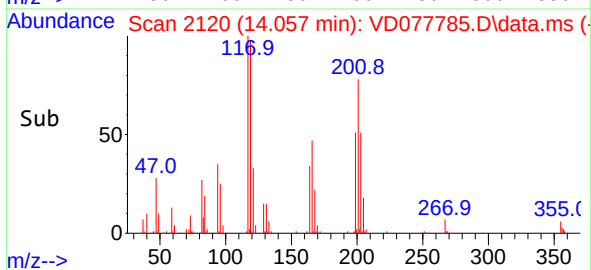
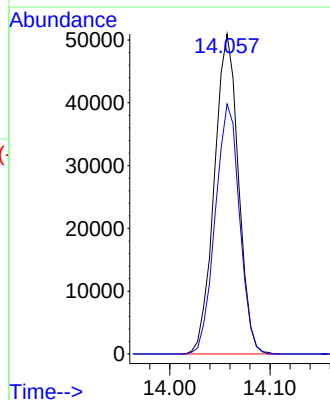
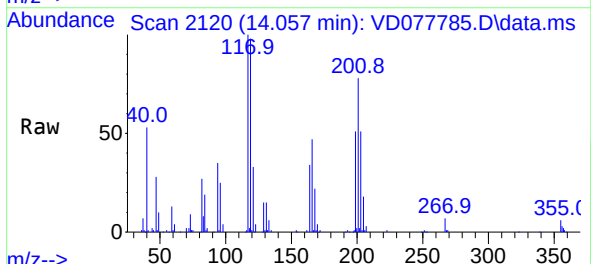
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

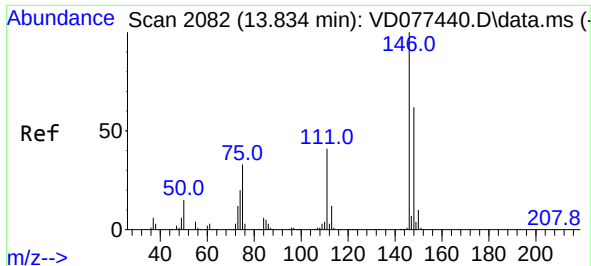
Tgt Ion: 91 Resp: 449291
Ion Ratio Lower Upper
91 100
92 52.1 26.5 79.5
134 26.1 13.8 41.3



#90
Hexachloroethane
Concen: 53.572 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion: 117 Resp: 84992
Ion Ratio Lower Upper
117 100
201 78.7 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 51.440 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077785.D

Acq: 08 Dec 2023 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

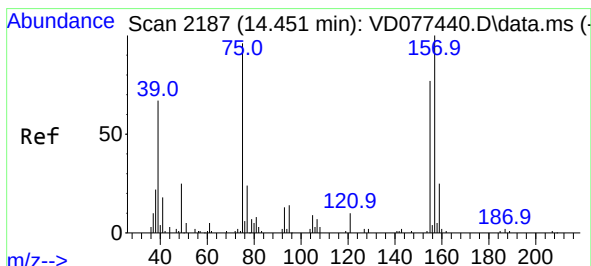
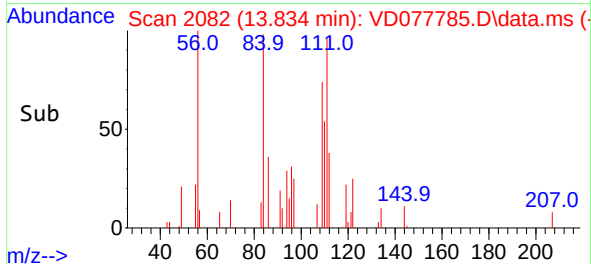
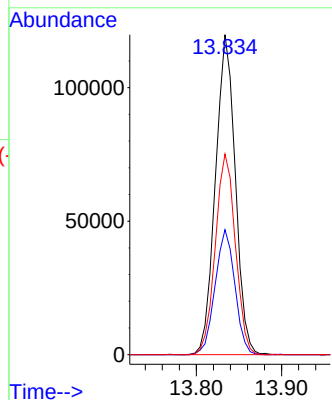
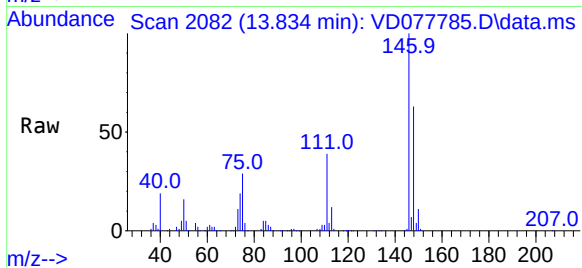
Tgt Ion:146 Resp: 194389

Ion Ratio Lower Upper

146 100

111 38.8 18.3 54.8

148 63.3 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.738 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD077785.D

Acq: 08 Dec 2023 11:01

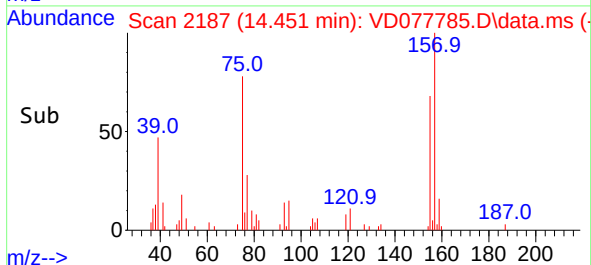
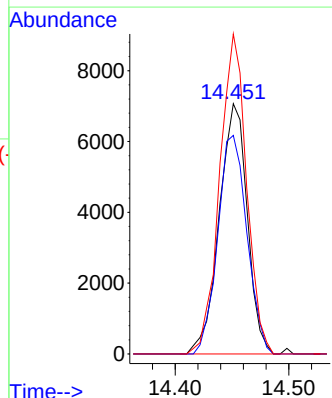
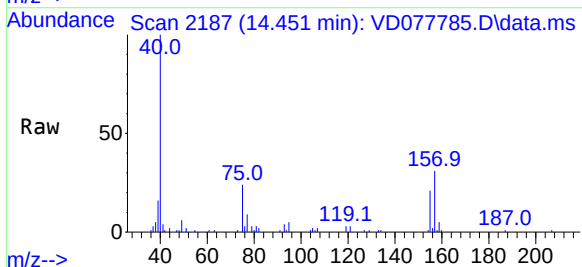
Tgt Ion: 75 Resp: 12141

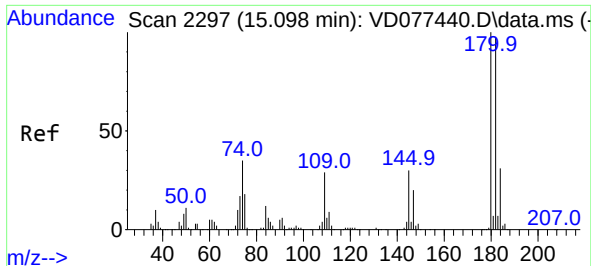
Ion Ratio Lower Upper

75 100

155 90.6 47.9 143.8

157 122.6 59.9 179.7

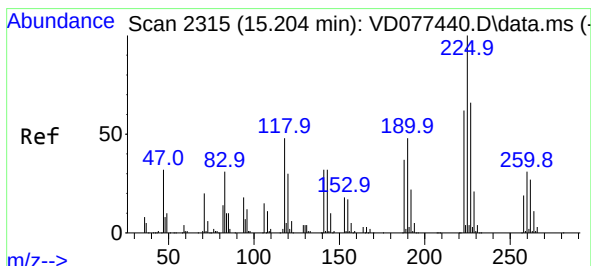
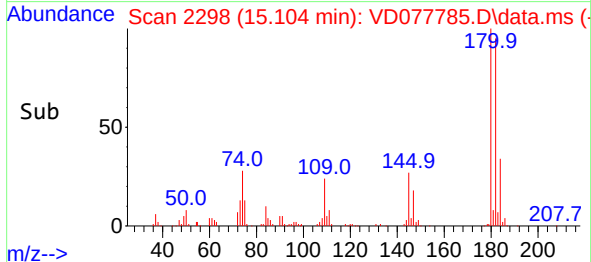
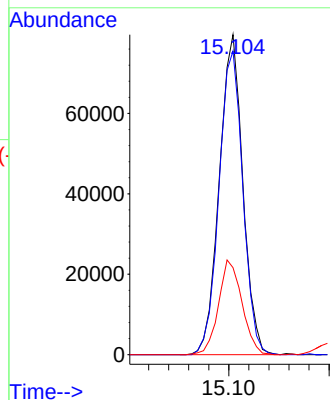
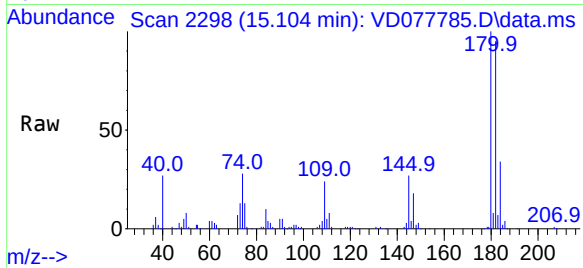




#93
1,2,4-Trichlorobenzene
Concen: 50.266 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

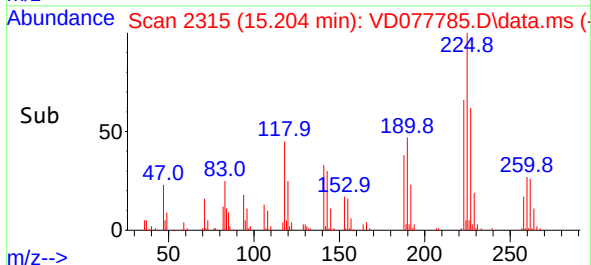
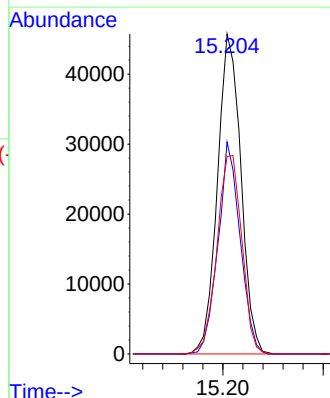
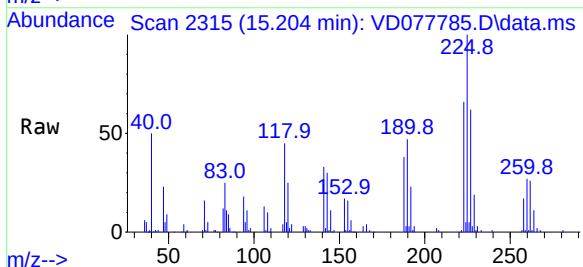
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

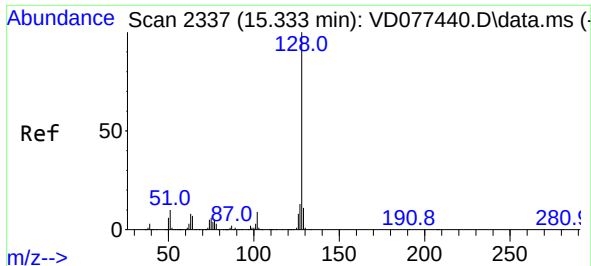
Tgt Ion:180 Resp: 129010
Ion Ratio Lower Upper
180 100
182 96.2 48.5 145.6
145 29.6 14.2 42.6



#94
Hexachlorobutadiene
Concen: 53.967 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion:225 Resp: 74390
Ion Ratio Lower Upper
225 100
223 62.3 31.6 94.8
227 65.5 31.7 95.1

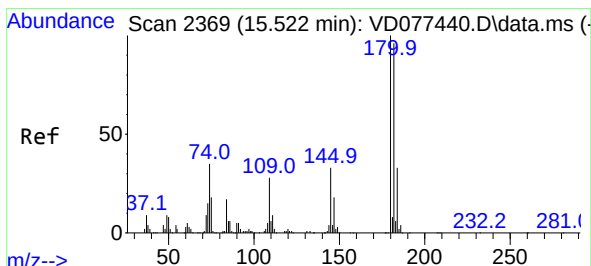
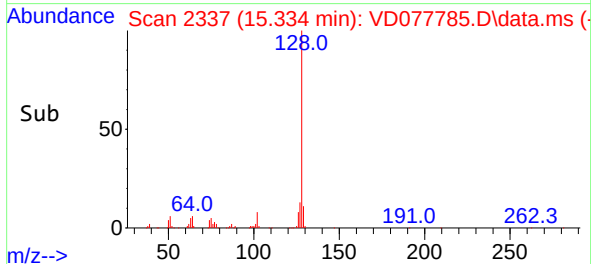
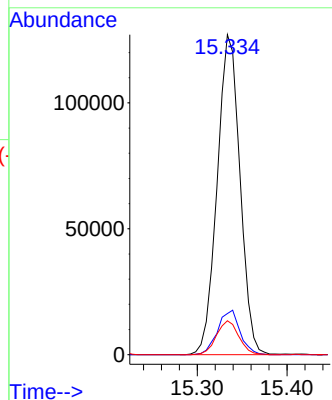
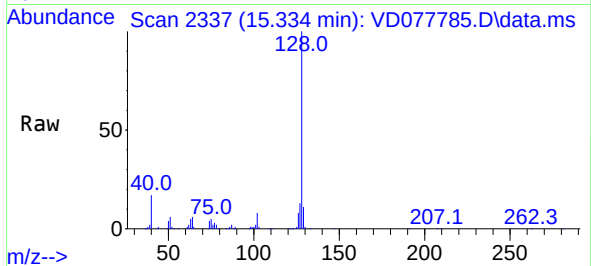




#95
Naphthalene
Concen: 52.724 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 224464
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.695 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077785.D
Acq: 08 Dec 2023 11:01

Tgt Ion:180 Resp: 108344
Ion Ratio Lower Upper
180 100
182 96.2 47.3 141.9
145 31.1 15.1 45.3

