

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
 Data File : VD077786.D
 Acq On : 08 Dec 2023 11:28
 Operator : JC/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 08 12:27:08 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	160233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	272083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	249705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	134274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	174955	91.291	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 182.580%#			
35) Dibromofluoromethane	7.810	113	181378	93.364	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 186.720%#			
50) Toluene-d8	10.269	98	743801	96.030	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 192.060%#			
62) 4-Bromofluorobenzene	12.575	95	224560	97.238	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 194.480%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	172331	84.731	ug/l	96
3) Chloromethane	2.152	50	241380	88.871	ug/l	98
4) Vinyl Chloride	2.287	62	345181	91.084	ug/l	98
5) Bromomethane	2.693	94	210477	100.239	ug/l	98
6) Chloroethane	2.840	64	225886	88.047	ug/l	97
7) Trichlorofluoromethane	3.181	101	310832	90.516	ug/l	100
8) Diethyl Ether	3.599	74	92351	96.164	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.975	101	178479	90.327	ug/l	99
10) Methyl Iodide	4.169	142	176606	95.926	ug/l	93
11) Tert butyl alcohol	5.052	59	42466	476.418	ug/l	98
12) 1,1-Dichloroethene	3.952	96	185314	94.819	ug/l #	82
13) Acrolein	3.805	56	105583	508.729	ug/l	98
14) Allyl chloride	4.569	41	251876	94.366	ug/l	91
15) Acrylonitrile	5.258	53	196885	470.492	ug/l	97
16) Acetone	4.028	43	185559	494.169	ug/l #	83
17) Carbon Disulfide	4.275	76	595139	90.378	ug/l	99
18) Methyl Acetate	4.564	43	143145	94.357	ug/l	90
19) Methyl tert-butyl Ether	5.328	73	403869	96.934	ug/l	99
20) Methylene Chloride	4.805	84	209165	98.219	ug/l	89
21) trans-1,2-Dichloroethene	5.322	96	211169	96.012	ug/l	92
22) Diisopropyl ether	6.222	45	549014	98.227	ug/l	95
23) Vinyl Acetate	6.163	43	1369688	515.440	ug/l #	91
24) 1,1-Dichloroethane	6.122	63	353268	93.454	ug/l	96
25) 2-Butanone	7.087	43	246208	486.856	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	300053	94.503	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	232433	97.740	ug/l	89
28) Bromochloromethane	7.434	49	152107	99.423	ug/l #	78
29) Tetrahydrofuran	7.446	42	145188	472.292	ug/l	87
30) Chloroform	7.599	83	357220	93.332	ug/l	97
31) Cyclohexane	7.881	56	298658	88.283	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	315638	94.713	ug/l	99
36) 1,1-Dichloropropene	8.010	75	281518	91.697	ug/l	96
37) Ethyl Acetate	7.169	43	105916	97.614	ug/l #	91
38) Carbon Tetrachloride	7.999	117	289129	93.880	ug/l	95
39) Methylcyclohexane	9.275	83	344745	94.431	ug/l	93
40) Benzene	8.257	78	824833	94.198	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	54793	87.496	ug/l #	91
42) 1,2-Dichloroethane	8.328	62	212934	93.631	ug/l	94
43) Isopropyl Acetate	8.363	43	205727	95.921	ug/l #	89
44) Trichloroethene	9.034	130	212693	93.013	ug/l	93
45) 1,2-Dichloropropane	9.304	63	205107	95.531	ug/l	99
46) Dibromomethane	9.399	93	109278	96.894	ug/l	94
47) Bromodichloromethane	9.587	83	272336	95.117	ug/l	98
48) Methyl methacrylate	9.387	41	120175	98.159	ug/l #	78
49) 1,4-Dioxane	9.387	88	21061	1863.232	ug/l #	87
51) 4-Methyl-2-Pentanone	10.163	43	528659	481.486	ug/l	90
52) Toluene	10.334	92	528656	97.243	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	272751	99.284	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	324462	97.619	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	146062	94.079	ug/l	96
56) Ethyl methacrylate	10.598	69	134581	98.532	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	258657	97.018	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	413526	533.613	ug/l	94
59) 2-Hexanone	10.922	43	383851	470.856	ug/l	90
60) Dibromochloromethane	11.075	129	183182	97.642	ug/l	96
61) 1,2-Dibromoethane	11.181	107	140045	95.384	ug/l	100
64) Tetrachloroethene	10.810	164	178506	96.311	ug/l	94
65) Chlorobenzene	11.610	112	557007	96.206	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	205990	97.920	ug/l	96
67) Ethyl Benzene	11.687	91	1040706	99.459	ug/l	98
68) m/p-Xylenes	11.793	106	813491	202.598	ug/l	92
69) o-Xylene	12.122	106	377131	101.818	ug/l	92
70) Styrene	12.140	104	565212	102.945	ug/l	94
71) Bromoform	12.298	173	108441	98.938	ug/l #	98
73) Isopropylbenzene	12.422	105	988886	96.467	ug/l	97
74) N-amyl acetate	12.234	43	198741	98.298	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	166459	92.435	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	214939	185.404	ug/l #	100
77) Bromobenzene	12.704	156	227803	94.412	ug/l	91
78) n-propylbenzene	12.763	91	1196891	96.476	ug/l	96
79) 2-Chlorotoluene	12.851	91	637388	95.581	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	835496	97.628	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	55475	96.839	ug/l	93
82) 4-Chlorotoluene	12.951	91	663856	95.584	ug/l	97
83) tert-Butylbenzene	13.169	119	714976	99.240	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	852527	100.074	ug/l	96
85) sec-Butylbenzene	13.345	105	1036344	97.466	ug/l	96
86) p-Isopropyltoluene	13.463	119	952486	100.133	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	482541	97.716	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	464756	96.529	ug/l	99
89) n-Butylbenzene	13.787	91	872362	97.505	ug/l	99
90) Hexachloroethane	14.057	117	171956	97.763	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	399339	95.316	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	24495	86.873	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	270273	94.985	ug/l	97
94) Hexachlorobutadiene	15.204	225	149590	97.885	ug/l	99
95) Naphthalene	15.334	128	488159	103.425	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	235375	101.299	ug/l	100

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

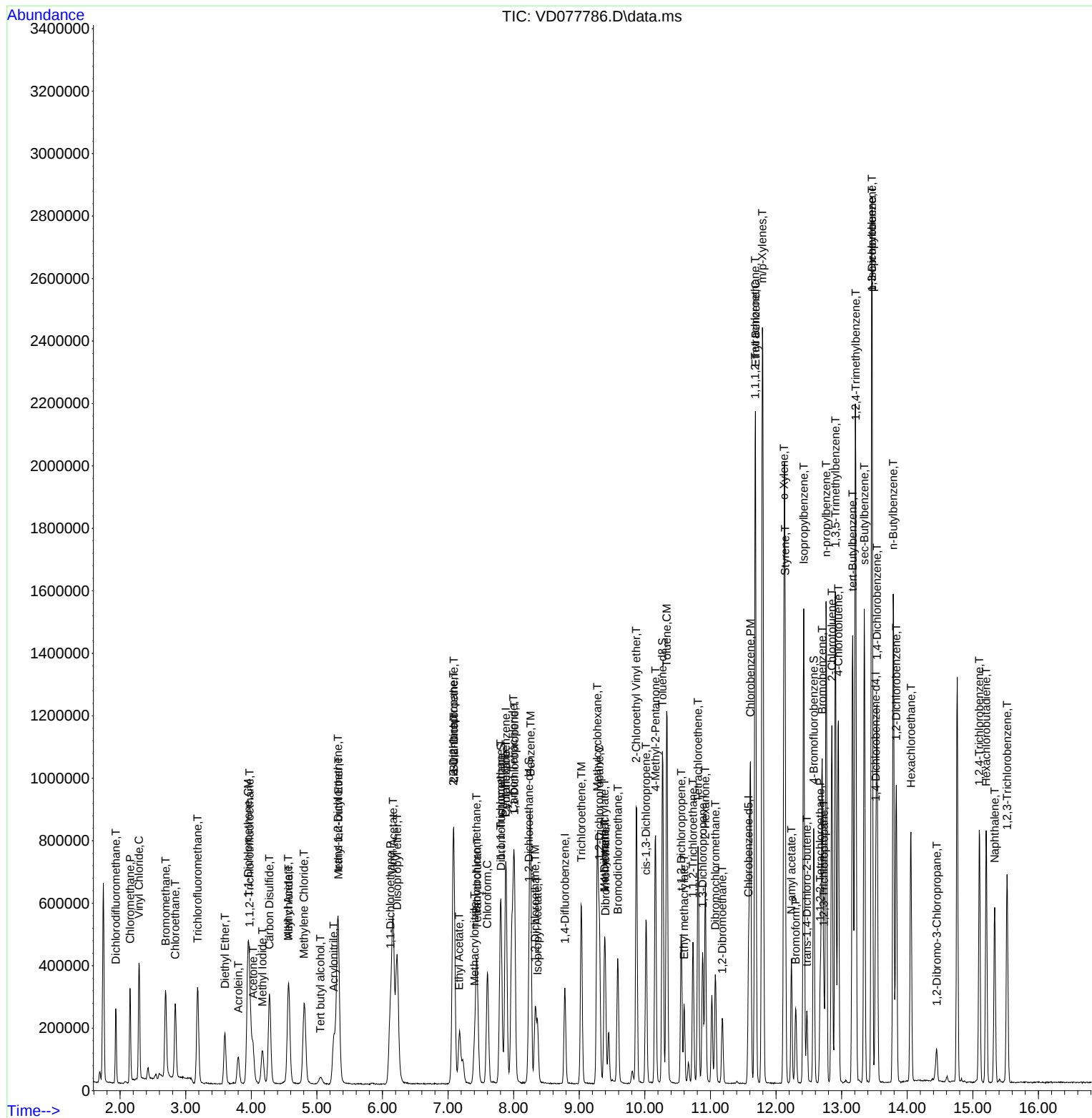
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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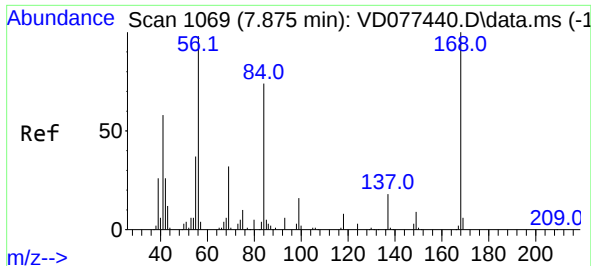
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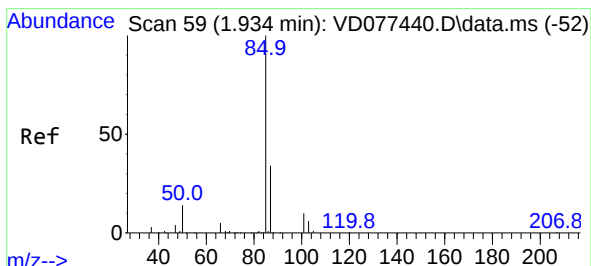
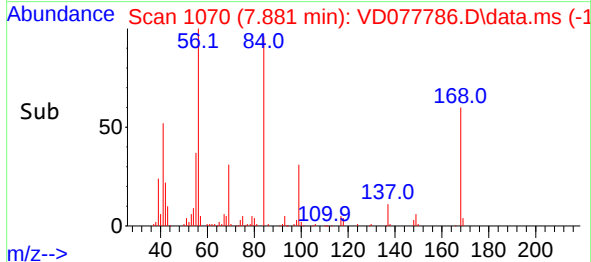
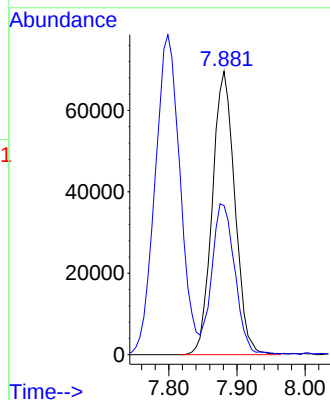
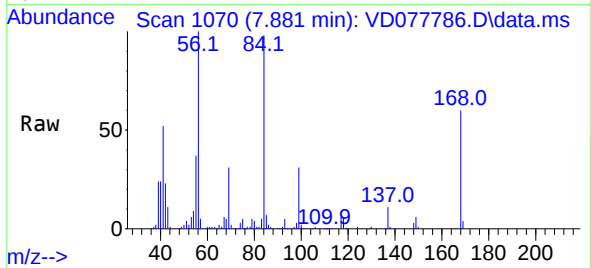




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077786.D
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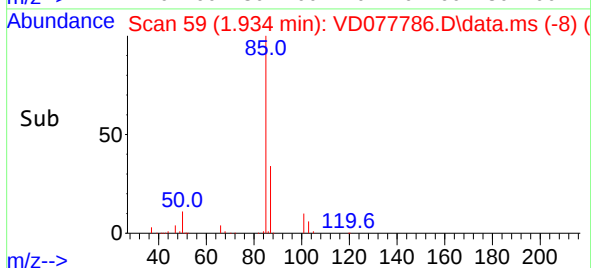
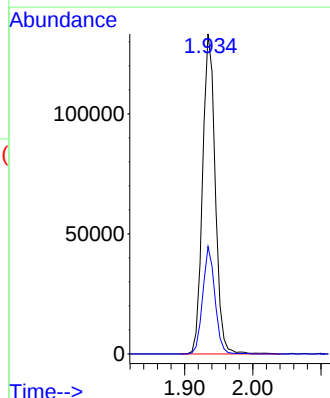
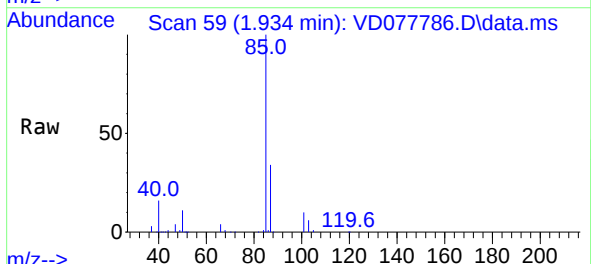
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

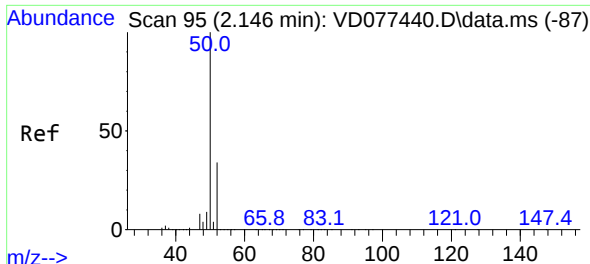
Tgt Ion:168 Resp: 160233
Ion Ratio Lower Upper
168 100
99 52.2 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 84.731 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 85 Resp: 172331
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.0

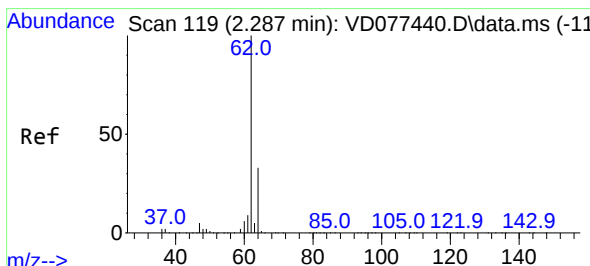
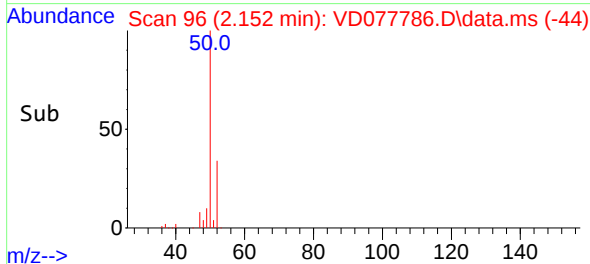
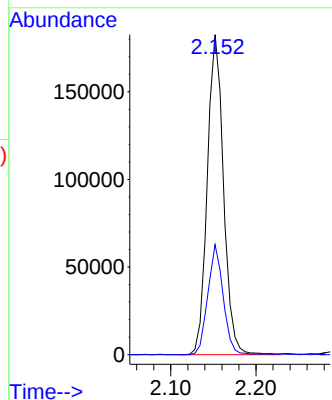
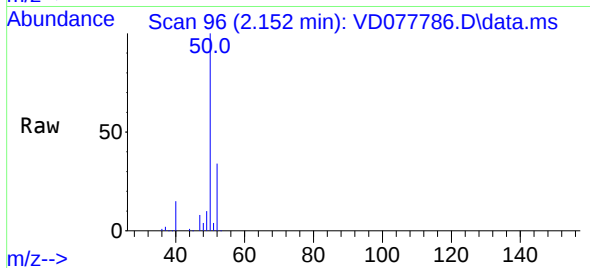




#3
Chloromethane
Concen: 88.871 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077786.D
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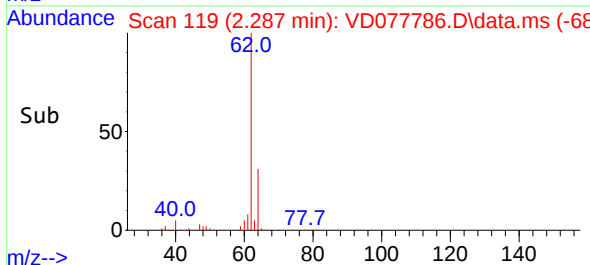
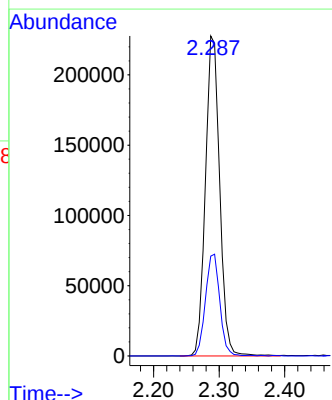
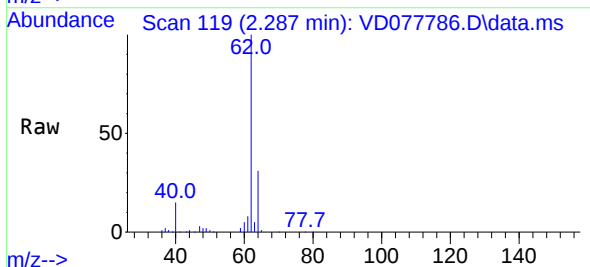
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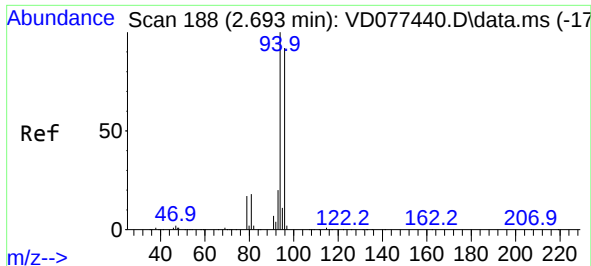
Tgt Ion: 50 Resp: 241380
Ion Ratio Lower Upper
50 100
52 34.4 26.6 40.0



#4
Vinyl Chloride
Concen: 91.084 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 62 Resp: 345181
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0

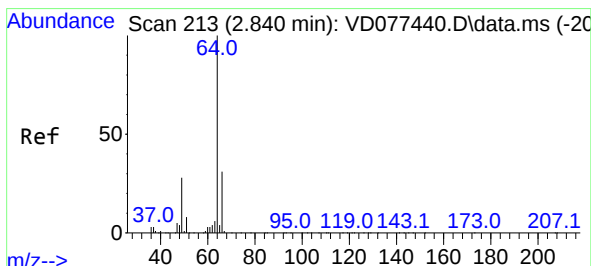
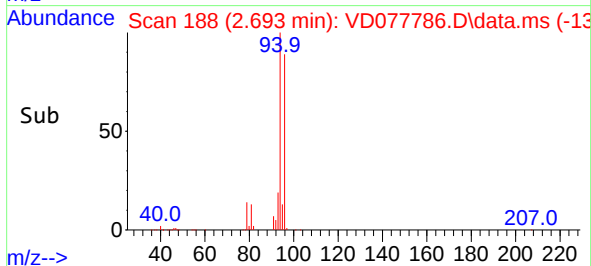
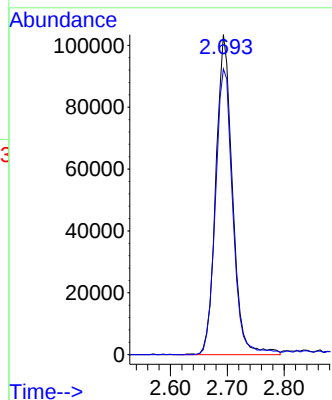
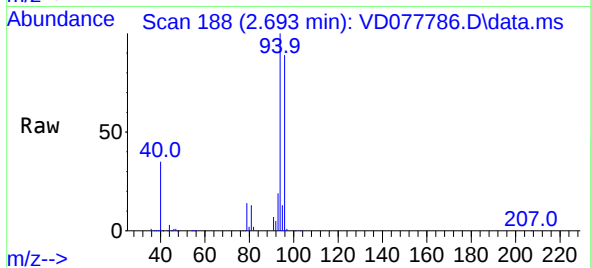




#5
Bromomethane
Concen: 100.239 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077786.D
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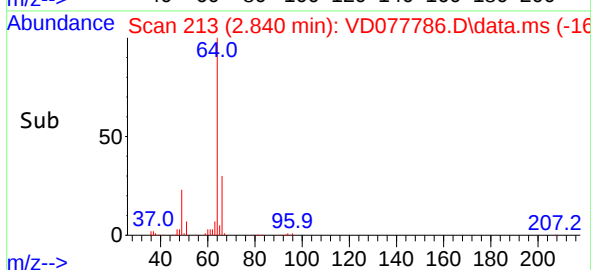
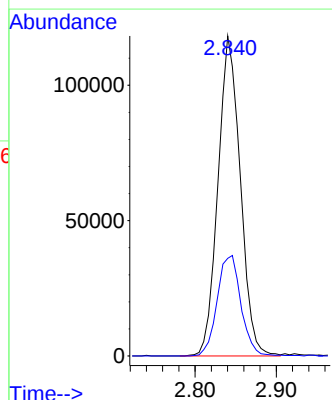
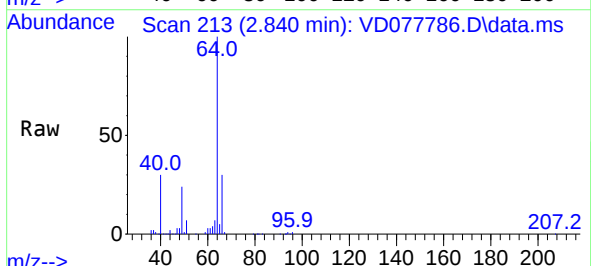
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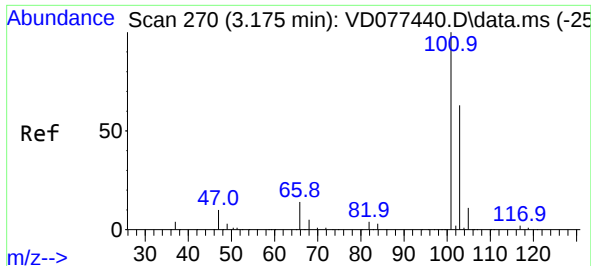
Tgt Ion: 94 Resp: 210477
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.8



#6
Chloroethane
Concen: 88.047 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 64 Resp: 225886
Ion Ratio Lower Upper
64 100
66 30.5 25.5 38.3

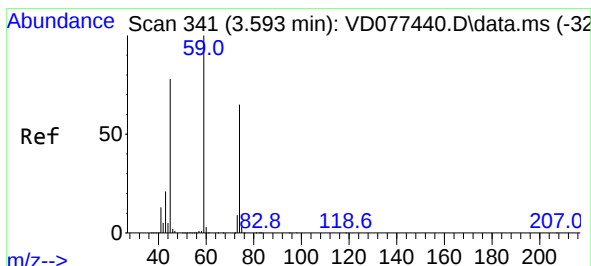
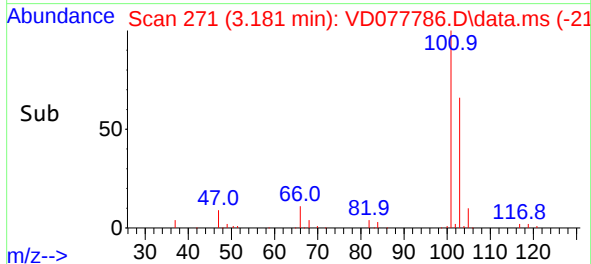
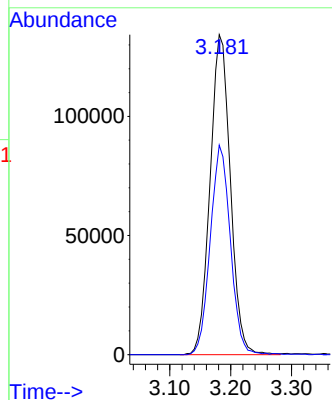
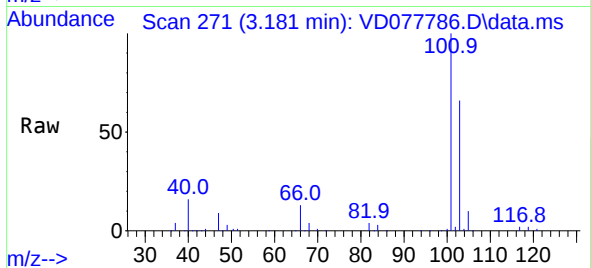




#7
Trichlorofluoromethane
Concen: 90.516 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077786.D
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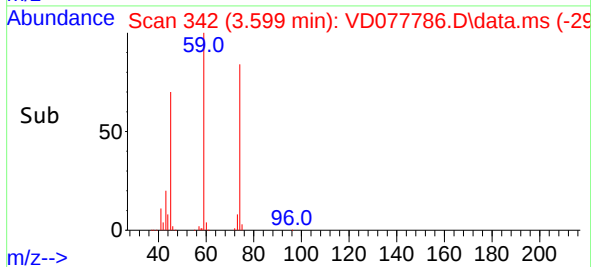
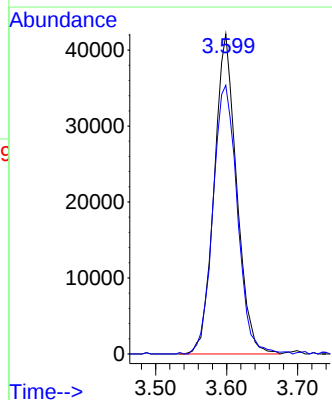
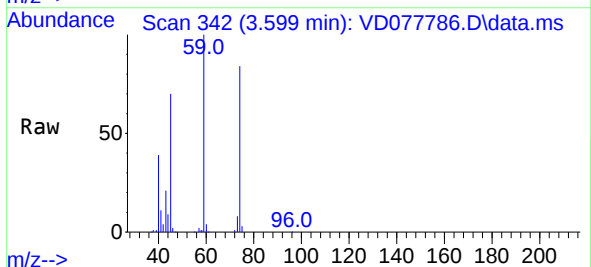
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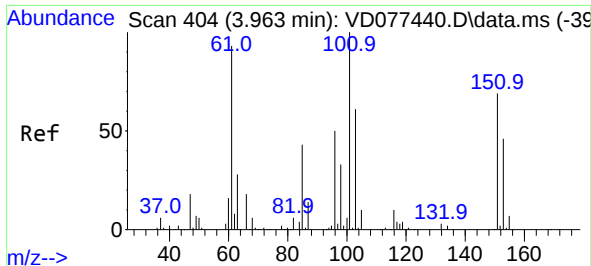
Tgt Ion:101 Resp: 310832
Ion Ratio Lower Upper
101 100
103 65.5 52.3 78.5



#8
Diethyl Ether
Concen: 96.164 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 74 Resp: 92351
Ion Ratio Lower Upper
74 100
45 91.4 37.5 112.7

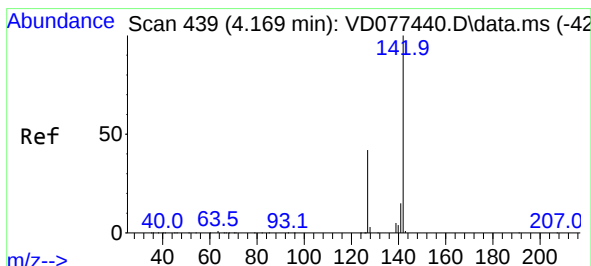
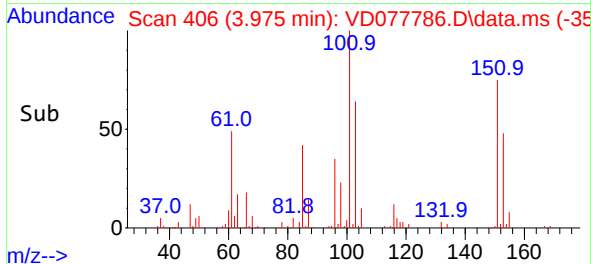
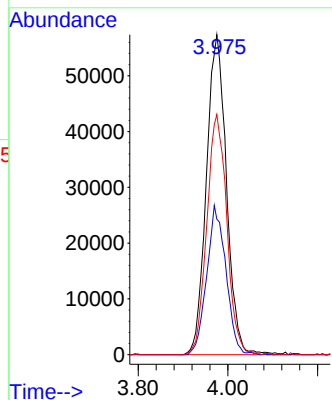
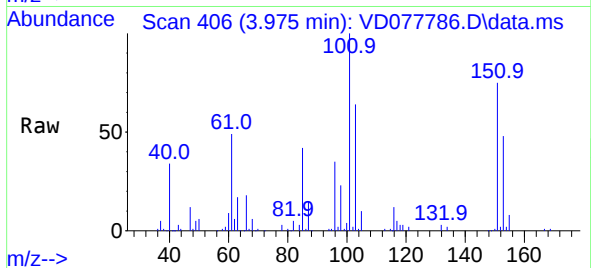




#9
1,1,2-Trichlorotrifluoroethane
Concen: 90.327 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

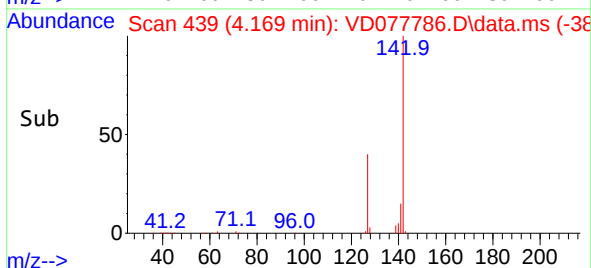
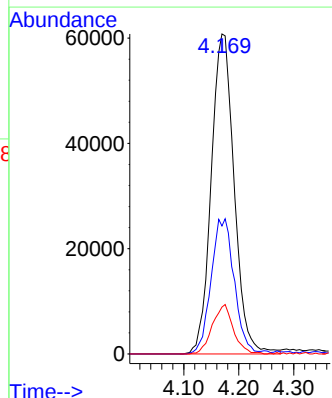
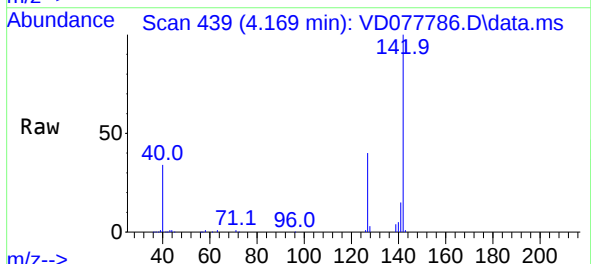
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

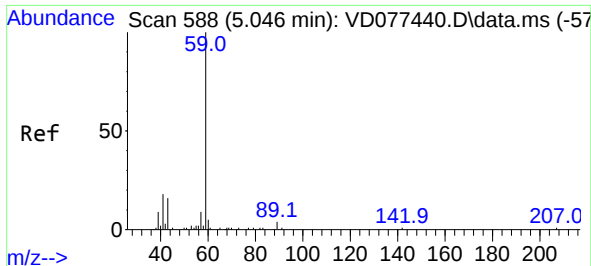
Tgt Ion:101 Resp: 178479
Ion Ratio Lower Upper
101 100
85 44.6 33.8 50.6
151 74.7 59.8 89.6



#10
Methyl Iodide
Concen: 95.926 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion:142 Resp: 176606
Ion Ratio Lower Upper
142 100
127 42.5 29.4 44.0
141 14.2 11.1 16.7





#11

Tert butyl alcohol

Concen: 476.418 ug/l

RT: 5.052 min Scan# 51

Delta R.T. 0.006 min

Lab File: VD077786.D

Acq: 08 Dec 2023 11:28

Instrument :

MSVOA_D

ClientSampleId :

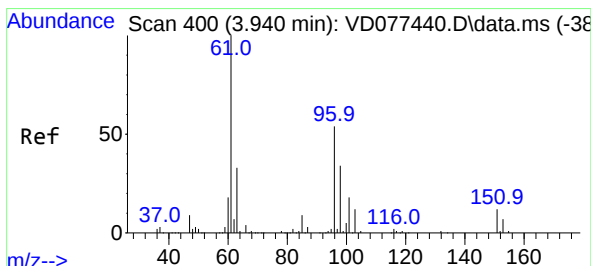
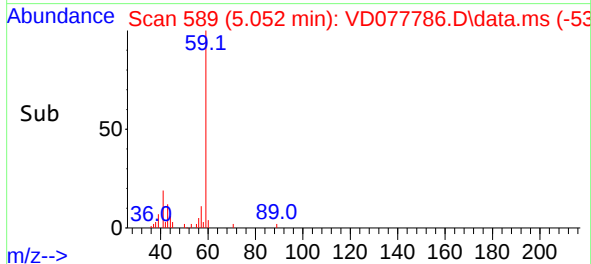
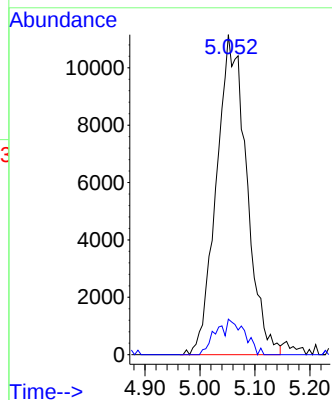
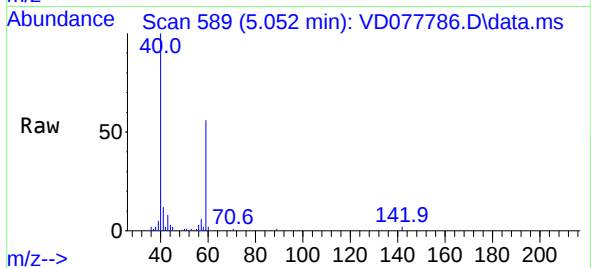
VSTDICC100

Tgt Ion: 59 Resp: 42466

Ion Ratio Lower Upper

59 100

57 10.5 7.8 11.8



#12

1,1-Dichloroethene

Concen: 94.819 ug/l

RT: 3.952 min Scan# 402

Delta R.T. 0.012 min

Lab File: VD077786.D

Acq: 08 Dec 2023 11:28

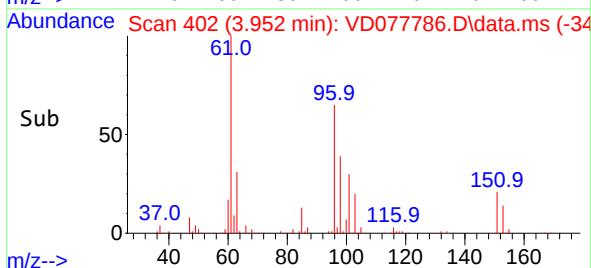
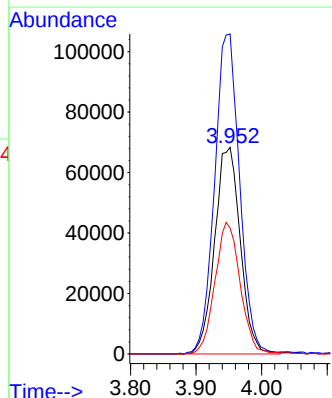
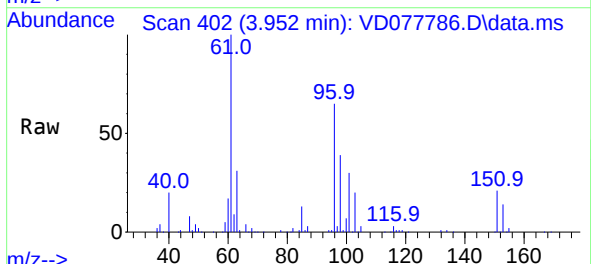
Tgt Ion: 96 Resp: 185314

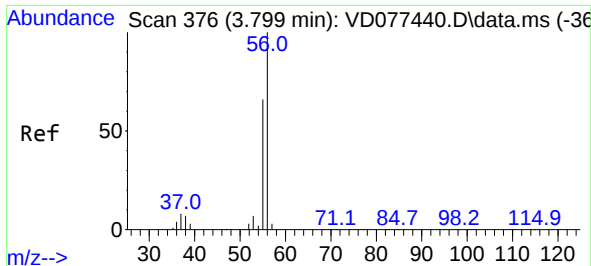
Ion Ratio Lower Upper

96 100

61 154.6 100.6 150.8#

98 61.0 50.2 75.2

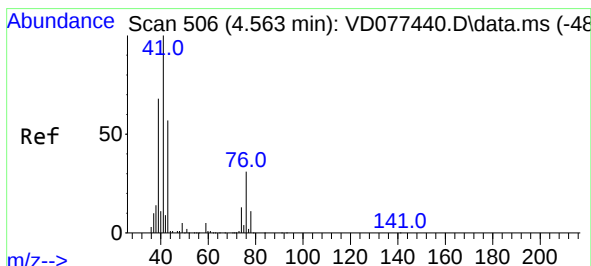
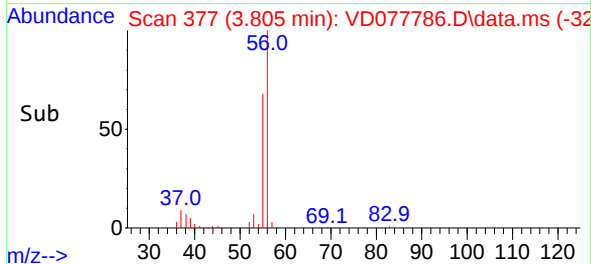
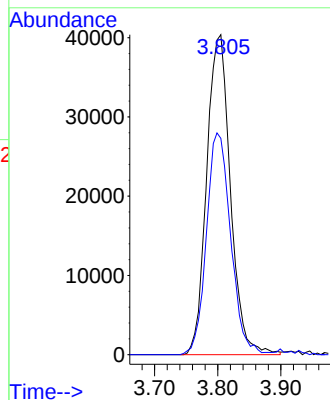
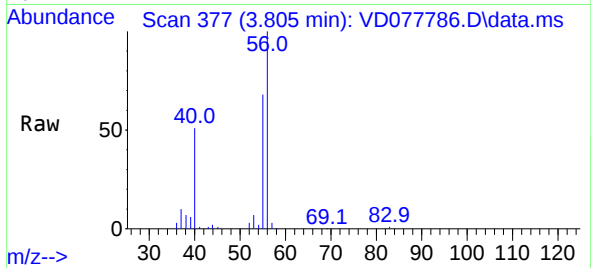




#13
Acrolein
Concen: 508.729 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

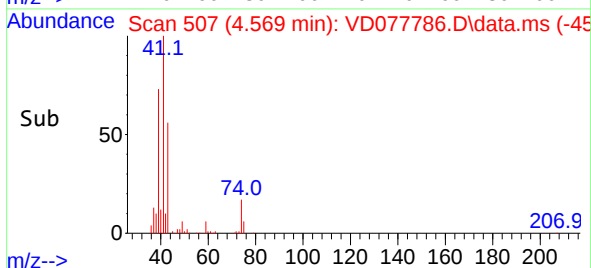
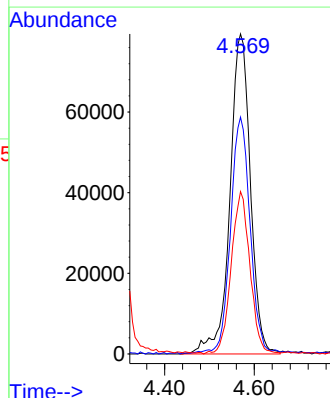
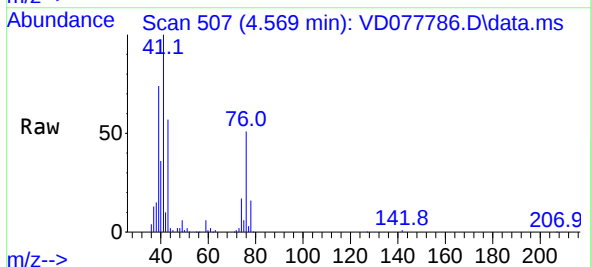
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

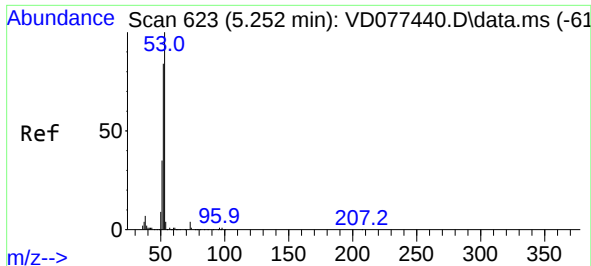
Tgt Ion: 56 Resp: 105583
Ion Ratio Lower Upper
56 100
55 70.6 55.1 82.7



#14
Allyl chloride
Concen: 94.366 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 41 Resp: 251876
Ion Ratio Lower Upper
41 100
39 70.9 53.8 80.6
76 46.5 45.8 68.8

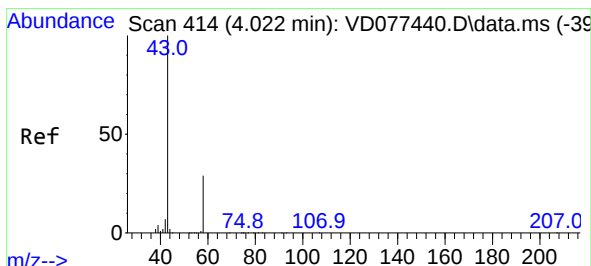
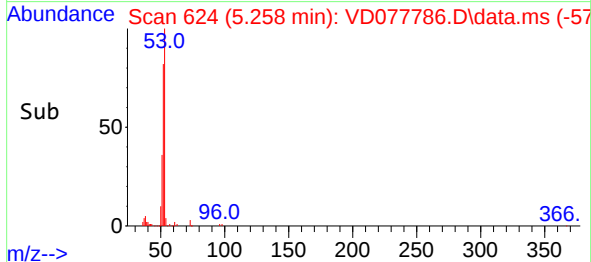
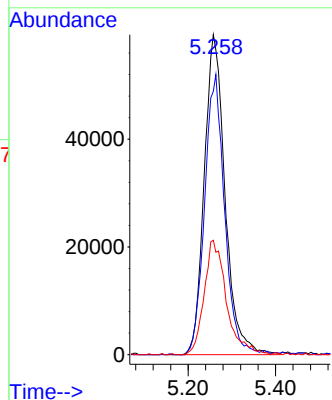
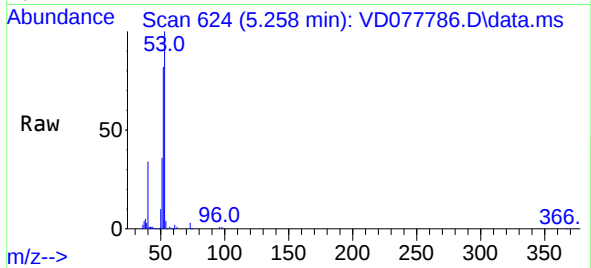




#15
Acrylonitrile
Concen: 470.492 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

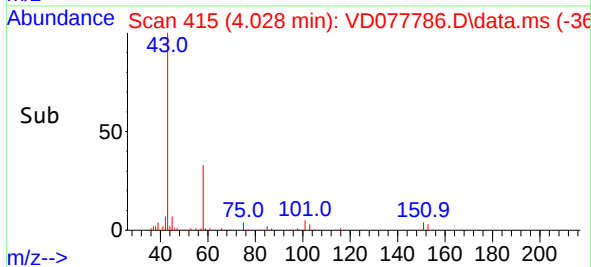
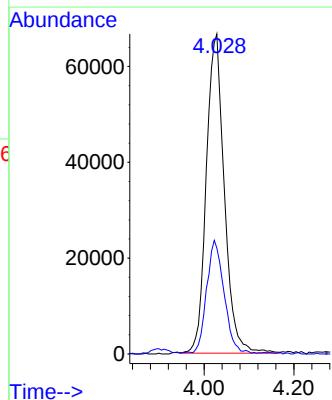
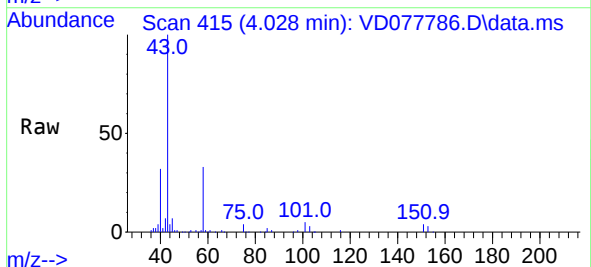
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

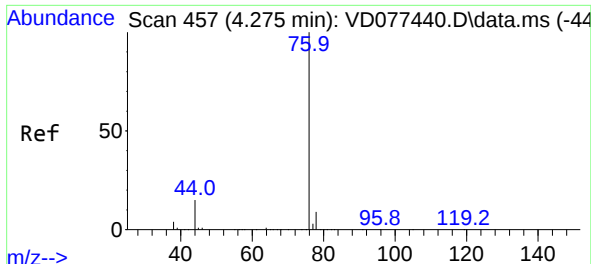
Tgt Ion: 53 Resp: 196885
Ion Ratio Lower Upper
53 100
52 83.8 65.0 97.4
51 38.2 28.3 42.5



#16
Acetone
Concen: 494.169 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 43 Resp: 185559
Ion Ratio Lower Upper
43 100
58 32.8 34.7 52.1#

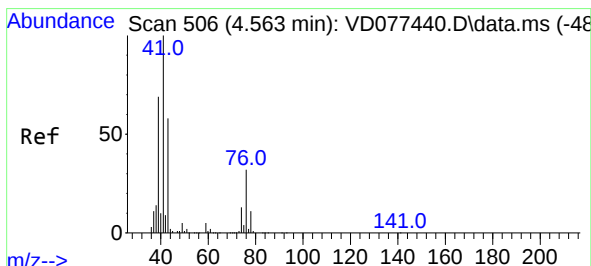
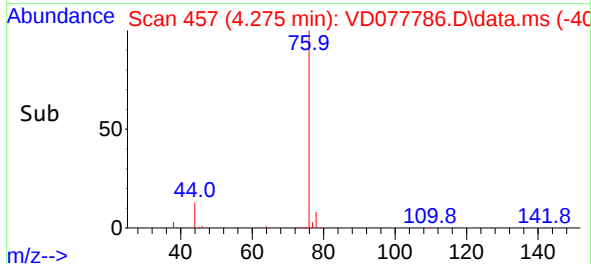
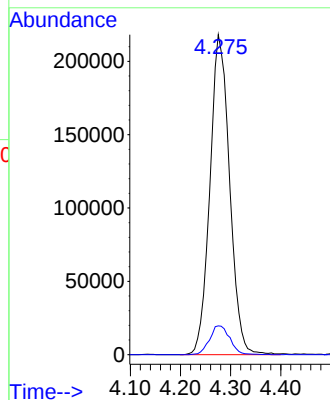
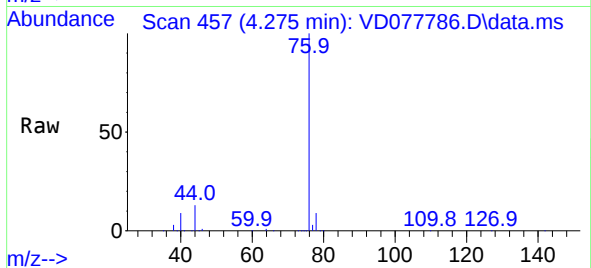




#17
Carbon Disulfide
Concen: 90.378 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

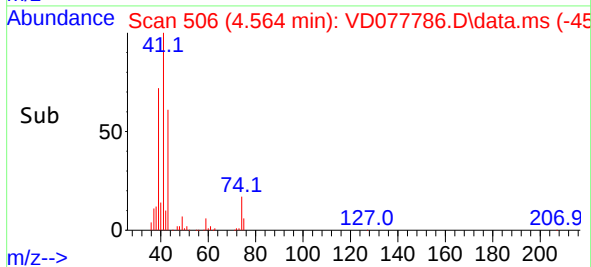
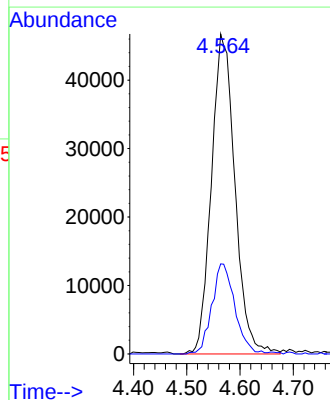
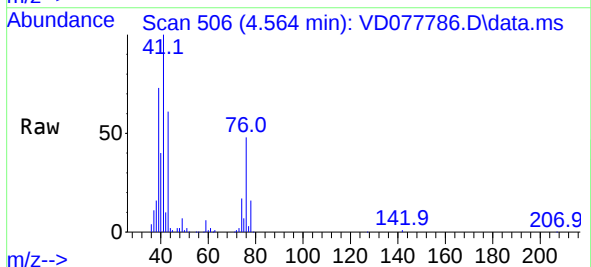
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

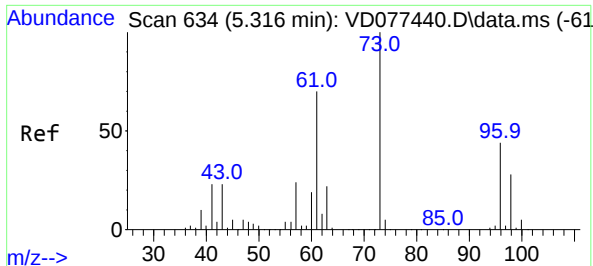
Tgt Ion: 76 Resp: 595139
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 94.357 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 43 Resp: 143145
Ion Ratio Lower Upper
43 100
74 27.5 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 96.934 ug/l

RT: 5.328 min Scan# 61

Delta R.T. 0.012 min

Lab File: VD077786.D

Acq: 08 Dec 2023 11:28

Instrument :

MSVOA_D

ClientSampleId :

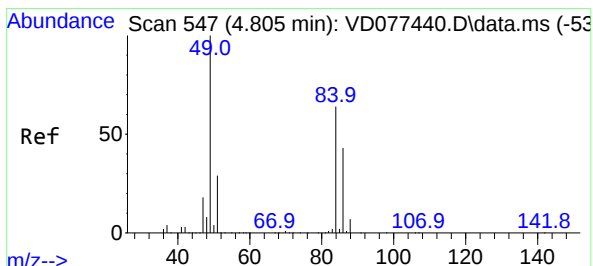
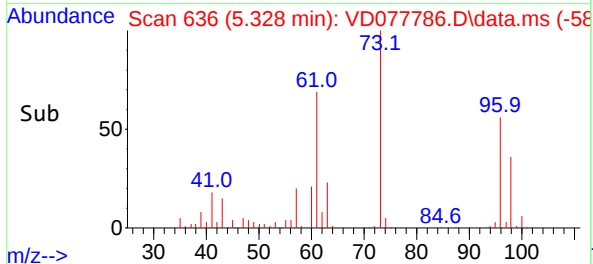
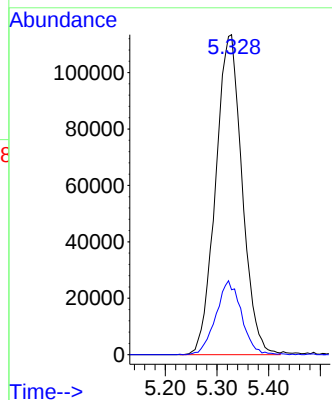
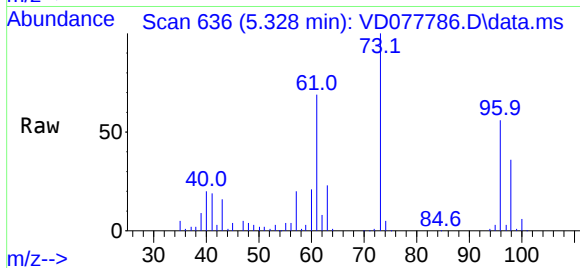
VSTDICC100

Tgt Ion: 73 Resp: 403869

Ion Ratio Lower Upper

73 100

57 20.2 16.6 25.0



#20

Methylene Chloride

Concen: 98.219 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077786.D

Acq: 08 Dec 2023 11:28

Tgt Ion: 84 Resp: 209165

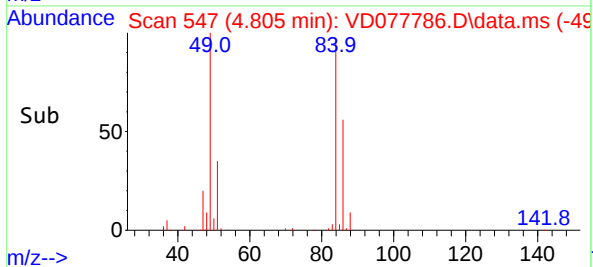
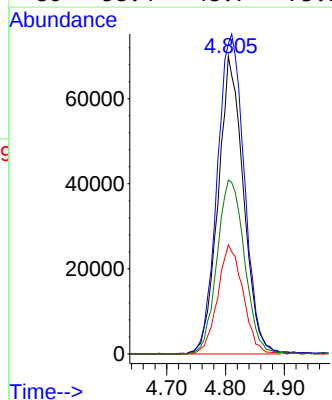
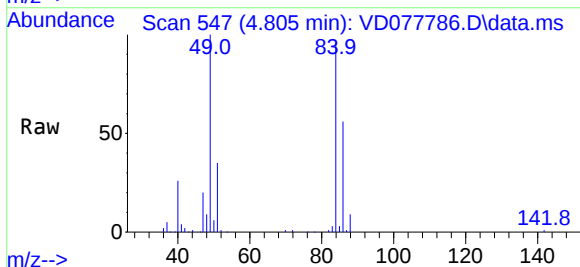
Ion Ratio Lower Upper

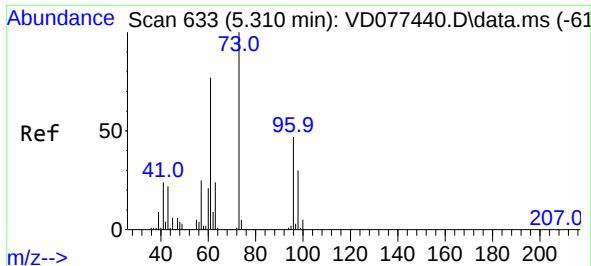
84 100

49 104.1 71.4 107.2

51 36.4 24.5 36.7

86 58.4 48.7 73.1

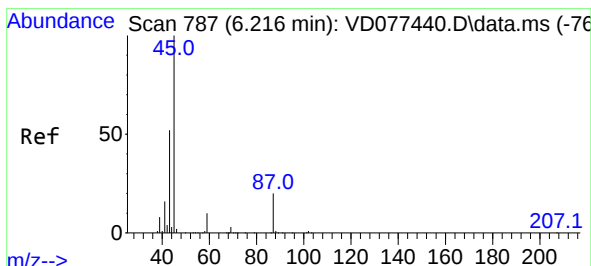
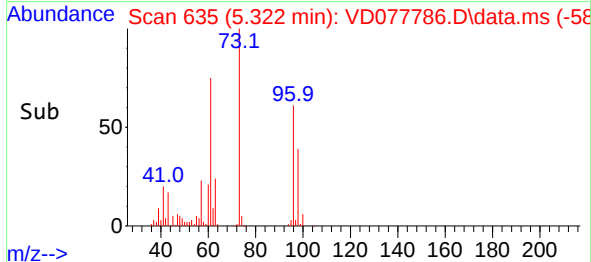
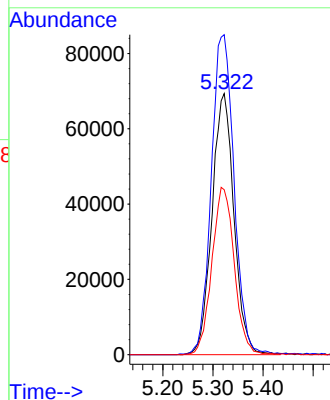
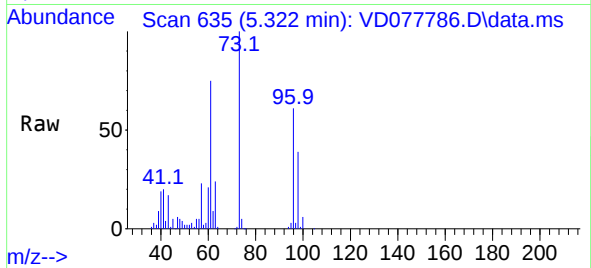




#21
trans-1,2-Dichloroethene
Concen: 96.012 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

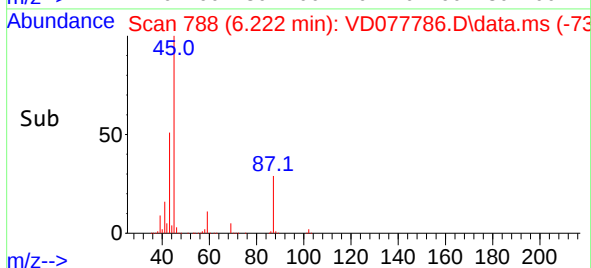
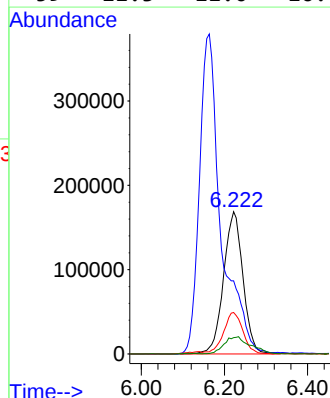
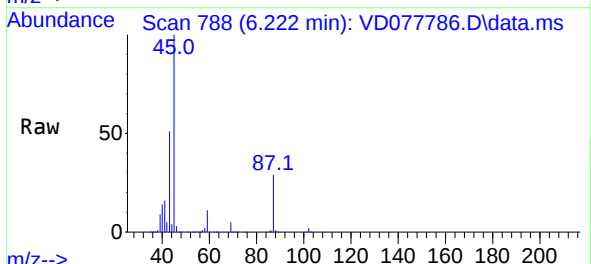
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

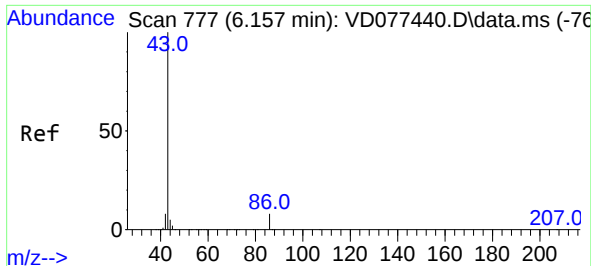
Tgt Ion: 96 Resp: 211169
Ion Ratio Lower Upper
96 100
61 122.2 89.3 133.9
98 63.2 48.6 73.0



#22
Diisopropyl ether
Concen: 98.227 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 45 Resp: 549014
Ion Ratio Lower Upper
45 100
43 51.1 40.0 60.0
87 29.0 28.2 42.4
59 11.3 11.0 16.4

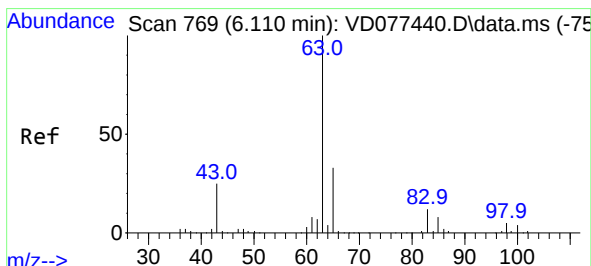
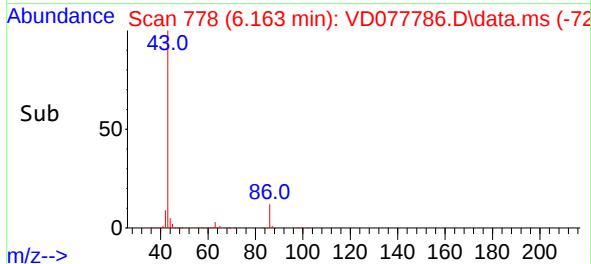
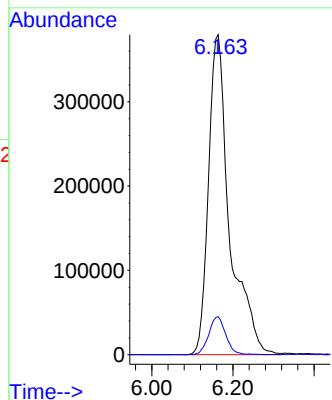
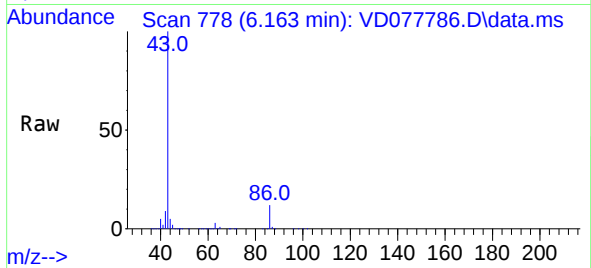




#23
 Vinyl Acetate
 Concen: 515.440 ug/l
 RT: 6.163 min Scan# 711
 Delta R.T. 0.006 min
 Lab File: VD077786.D
 Acq: 08 Dec 2023 11:28

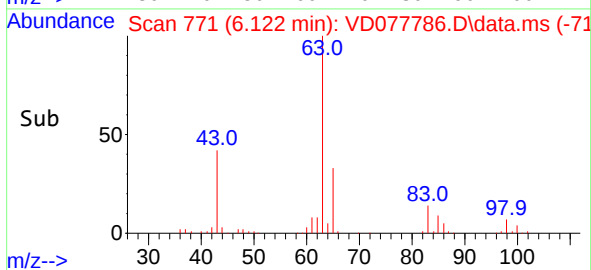
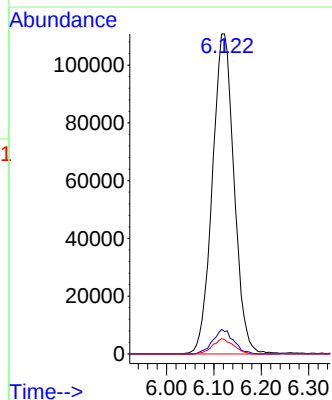
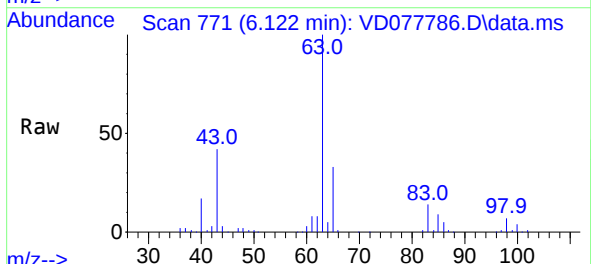
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

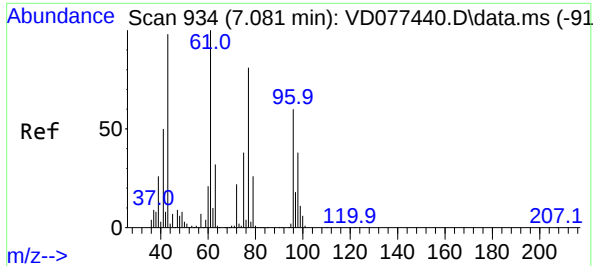
Tgt Ion: 43 Resp: 1369688
 Ion Ratio Lower Upper
 43 100
 86 11.9 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 93.454 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.012 min
 Lab File: VD077786.D
 Acq: 08 Dec 2023 11:28

Tgt Ion: 63 Resp: 353268
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.5 13.7
 100 4.5 2.5 7.5

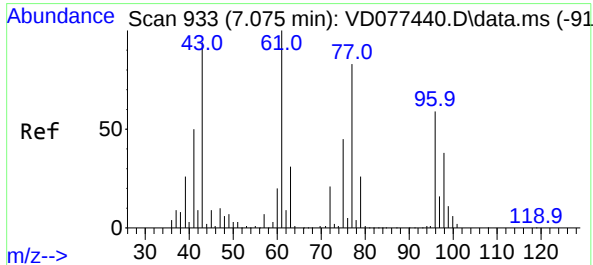
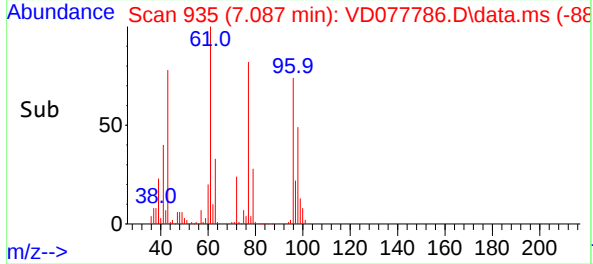
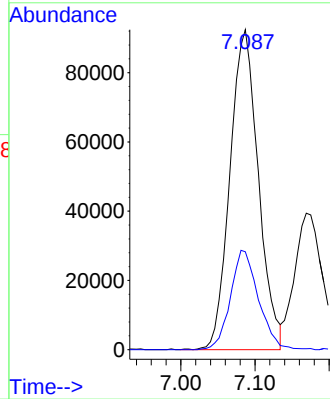
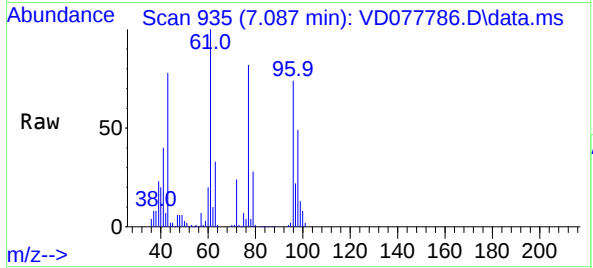




#25
2-Butanone
Concen: 486.856 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

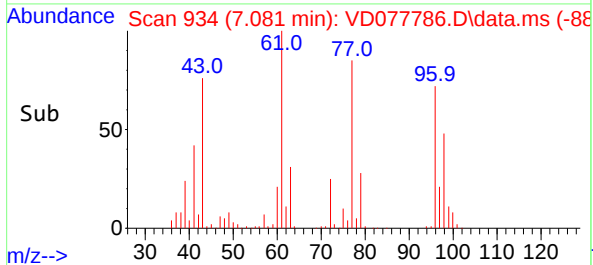
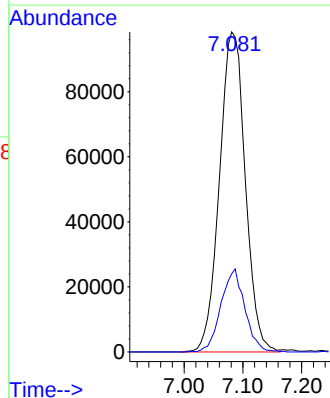
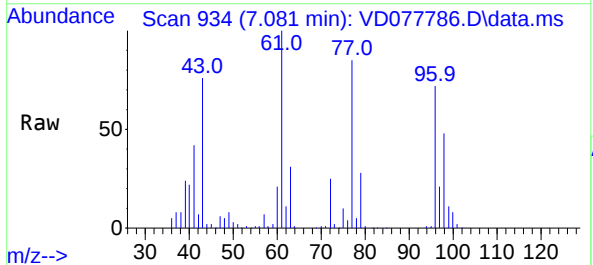
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

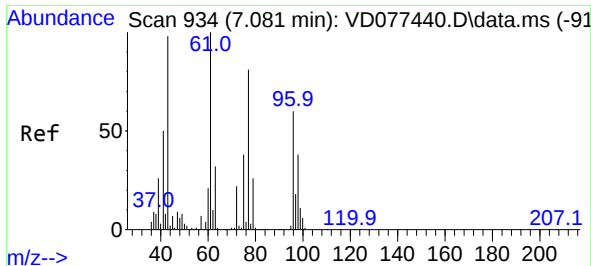
Tgt Ion: 43 Resp: 246208
Ion Ratio Lower Upper
43 100
72 30.6 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 94.503 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 77 Resp: 300053
Ion Ratio Lower Upper
77 100
97 24.0 13.2 39.6

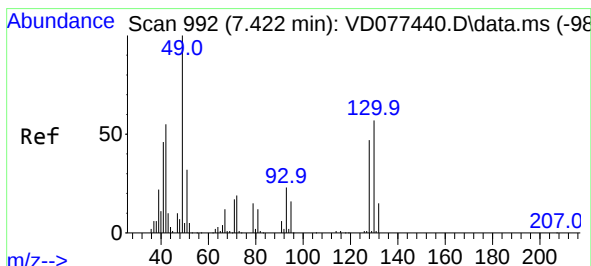
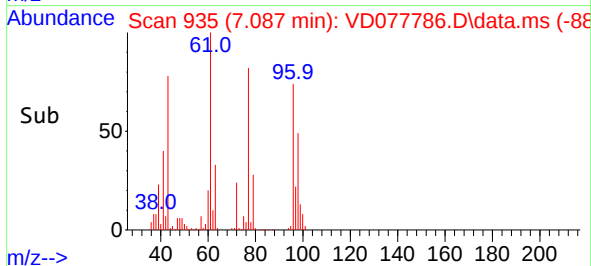
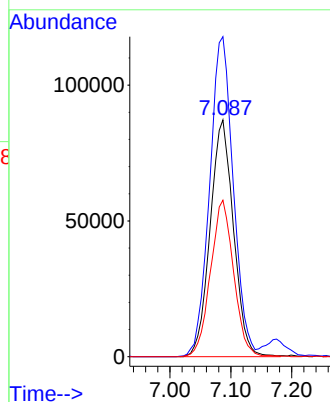
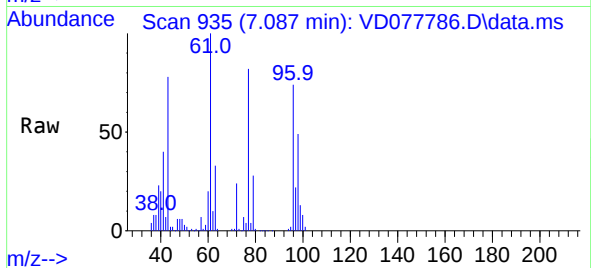




#27
cis-1,2-Dichloroethene
Concen: 97.740 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

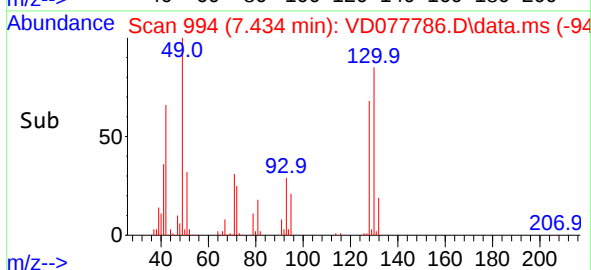
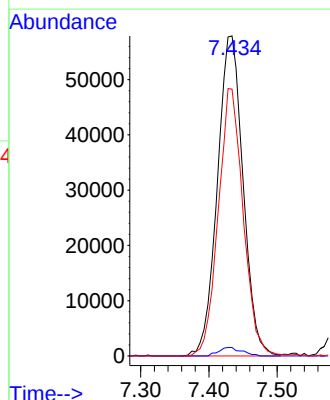
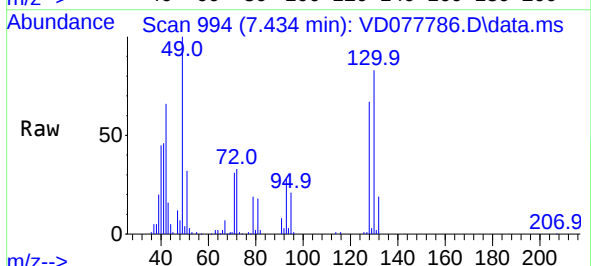
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

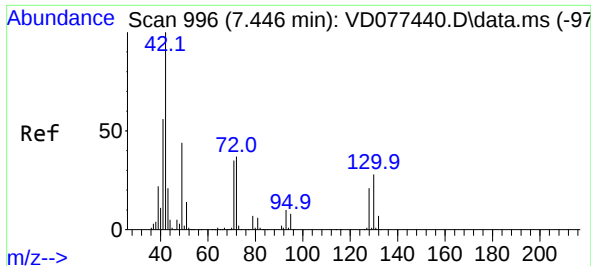
Tgt Ion: 96 Resp: 232433
Ion Ratio Lower Upper
96 100
61 137.2 0.0 239.2
98 65.6 0.0 128.6



#28
Bromochloromethane
Concen: 99.423 ug/l
RT: 7.434 min Scan# 994
Delta R.T. 0.012 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 49 Resp: 152107
Ion Ratio Lower Upper
49 100
129 2.4 0.0 6.0
130 80.7 83.2 124.8#

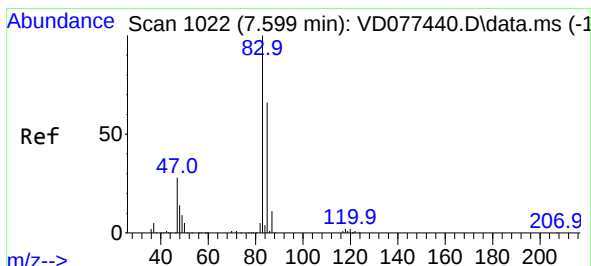
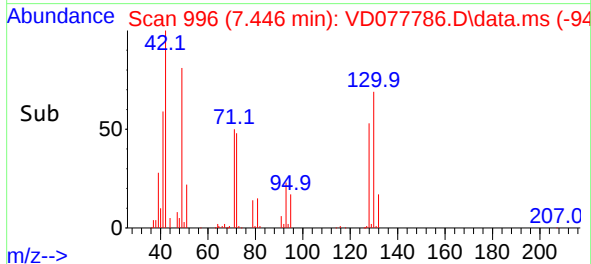
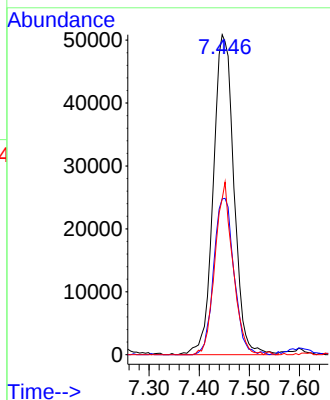
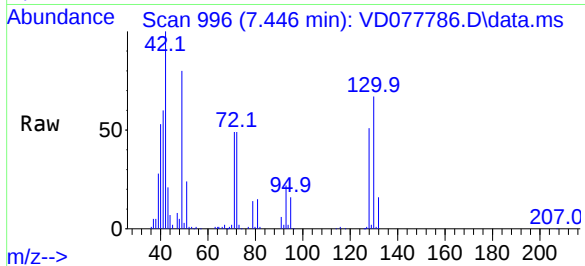




#29
Tetrahydrofuran
Concen: 472.292 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

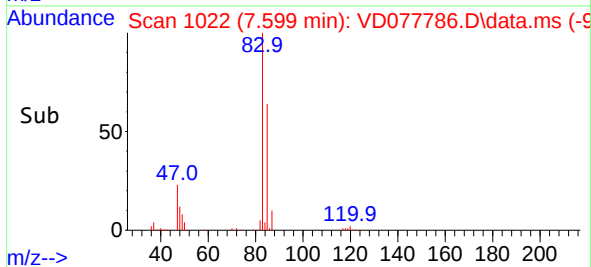
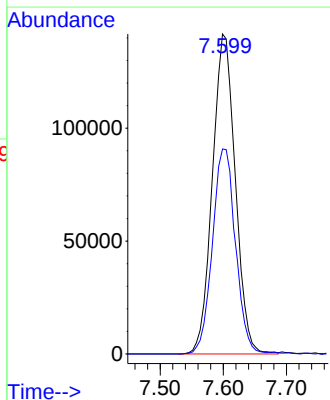
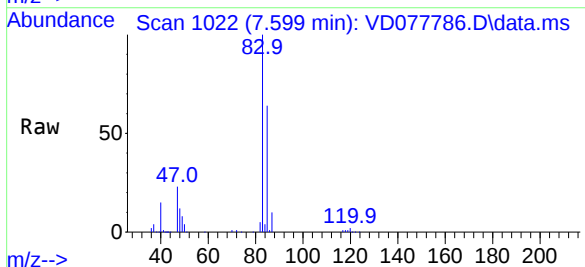
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

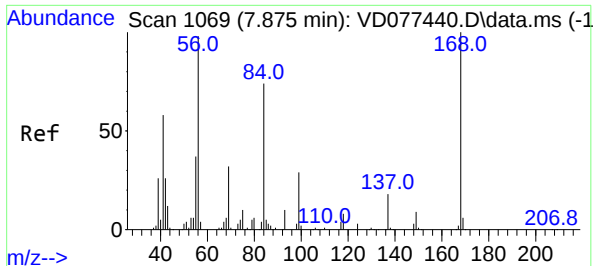
Tgt Ion: 42 Resp: 145188
Ion Ratio Lower Upper
42 100
72 47.7 46.5 69.7
71 46.9 44.5 66.7



#30
Chloroform
Concen: 93.332 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 83 Resp: 357220
Ion Ratio Lower Upper
83 100
85 64.1 53.4 80.2

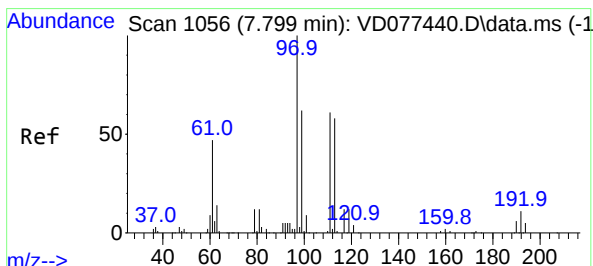
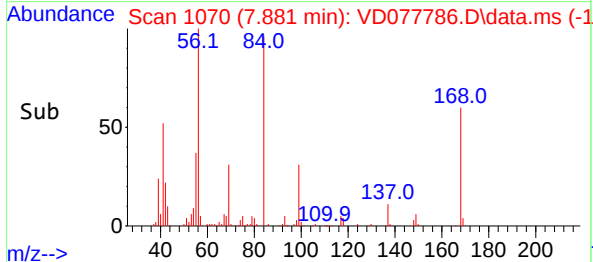
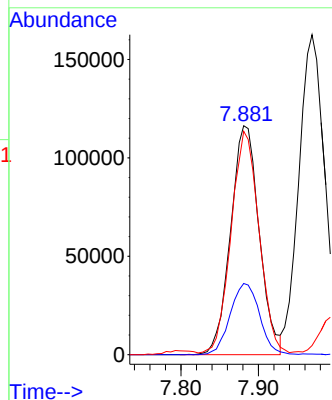
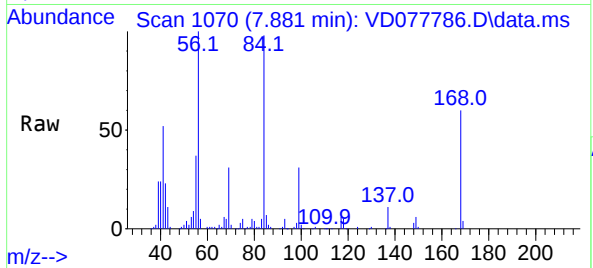




#31
Cyclohexane
Concen: 88.283 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

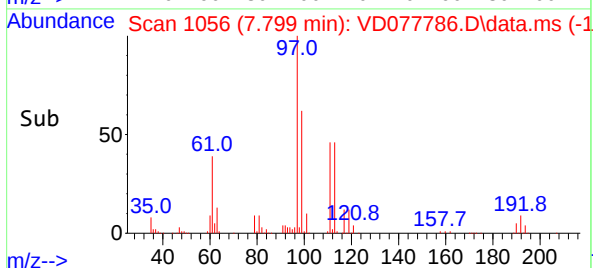
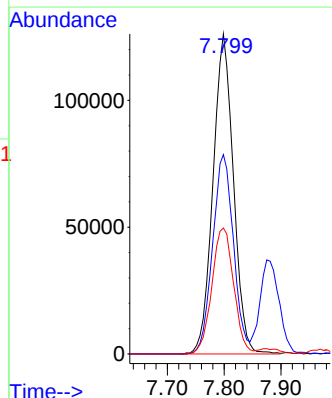
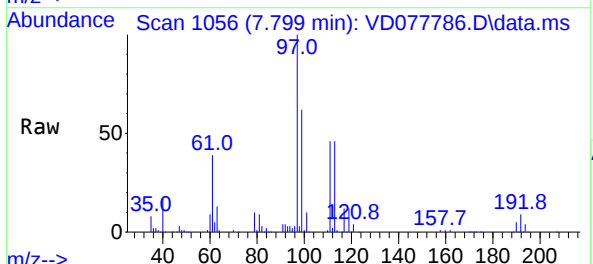
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

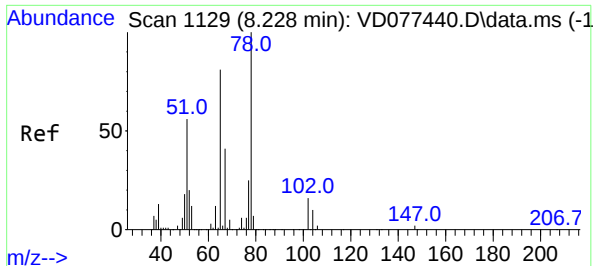
Tgt Ion: 56 Resp: 298658
Ion Ratio Lower Upper
56 100
69 31.1 28.6 43.0
84 95.7 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 94.713 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 97 Resp: 315638
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 42.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 91.291 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077786.D

Acq: 08 Dec 2023 11:28

Instrument :

MSVOA_D

ClientSampleId :

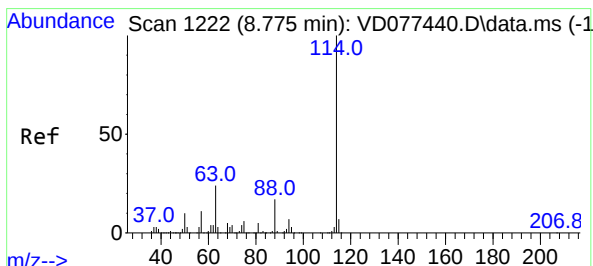
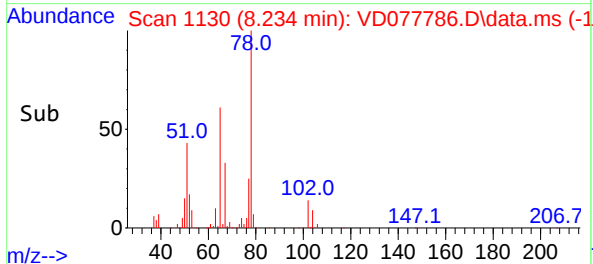
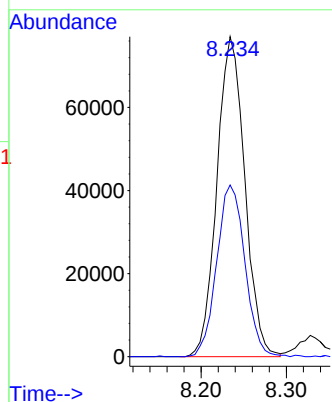
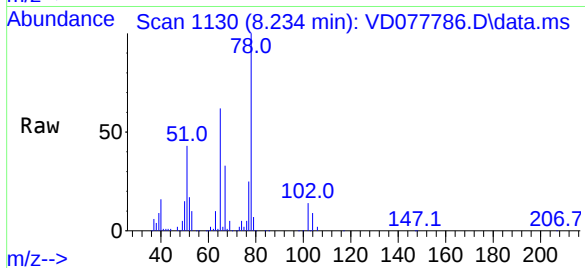
VSTDIC100

Tgt Ion: 65 Resp: 174955

Ion Ratio Lower Upper

65 100

67 54.3 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: VD077786.D

Acq: 08 Dec 2023 11:28

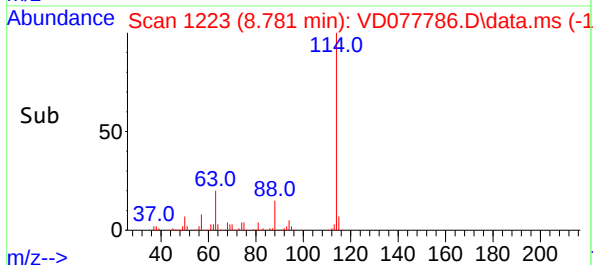
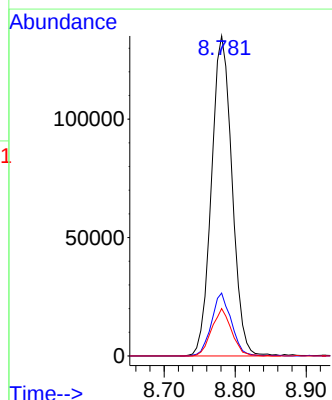
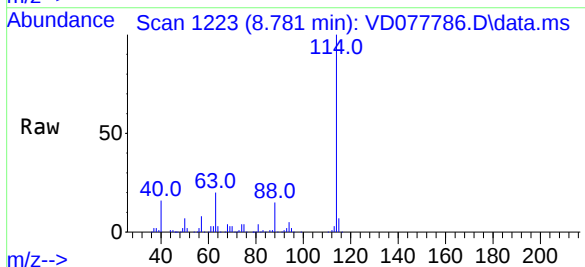
Tgt Ion: 114 Resp: 272083

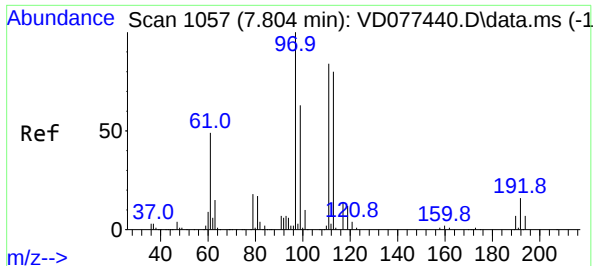
Ion Ratio Lower Upper

114 100

63 19.6 0.0 33.4

88 14.8 0.0 26.2

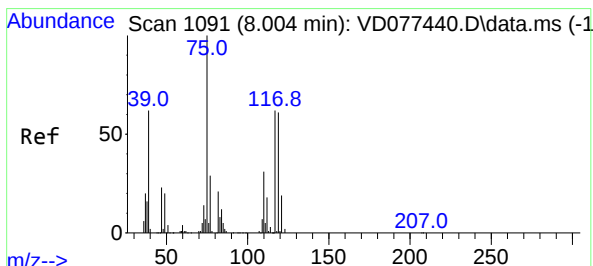
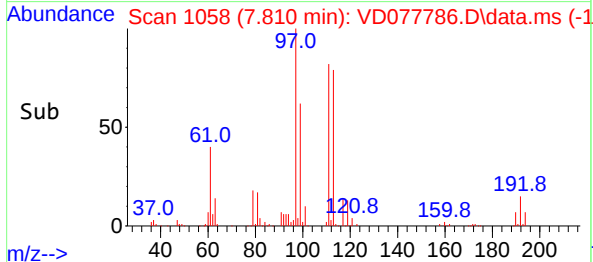
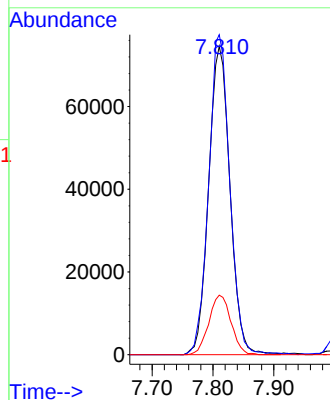
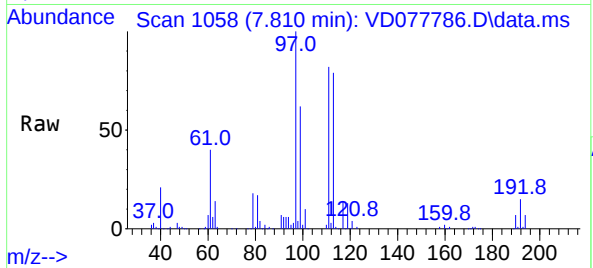




#35
Dibromofluoromethane
Concen: 93.364 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

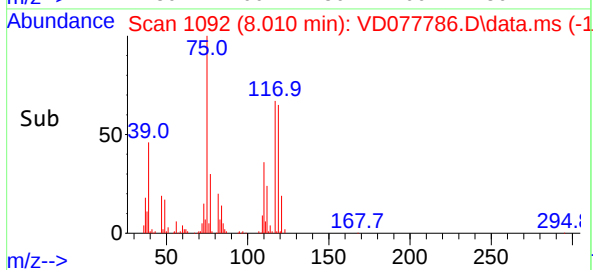
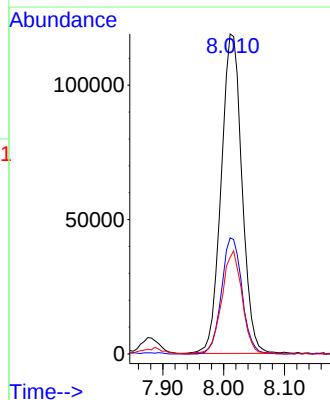
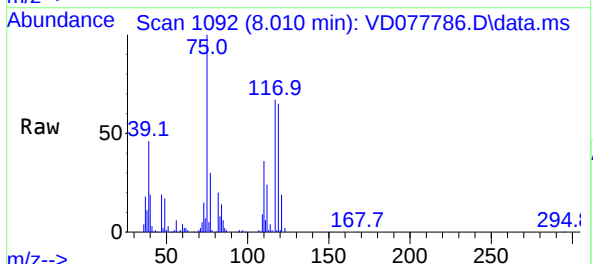
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

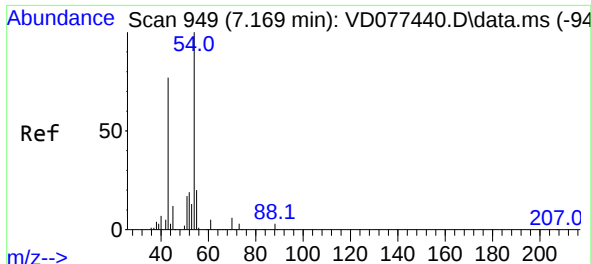
Tgt Ion:113 Resp: 181378
Ion Ratio Lower Upper
113 100
111 103.1 84.7 127.1
192 20.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 91.697 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 75 Resp: 281518
Ion Ratio Lower Upper
75 100
110 36.0 19.9 59.6
77 31.5 24.7 37.1

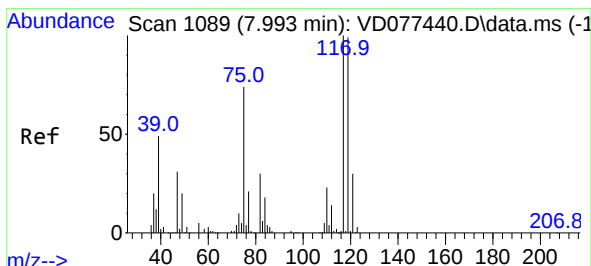
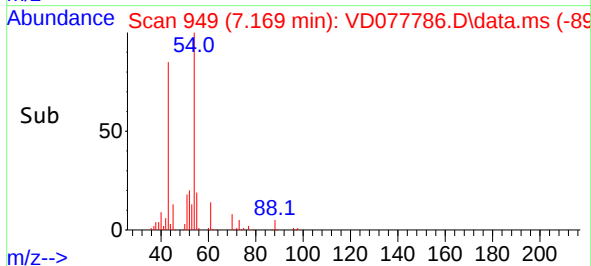
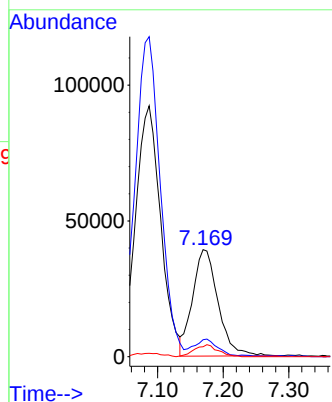
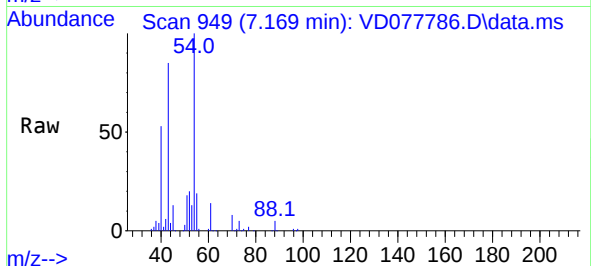




#37
Ethyl Acetate
Concen: 97.614 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

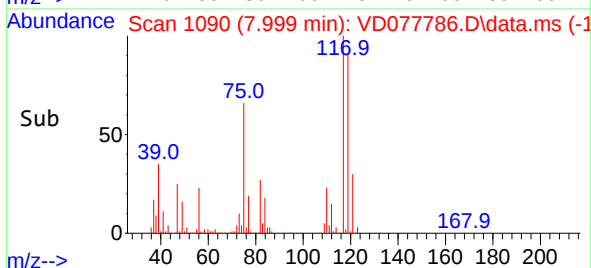
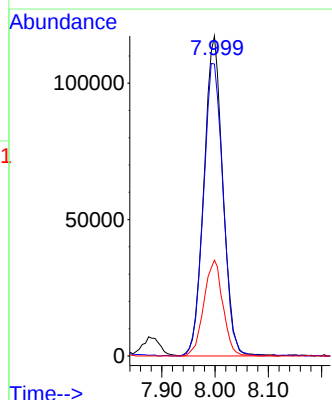
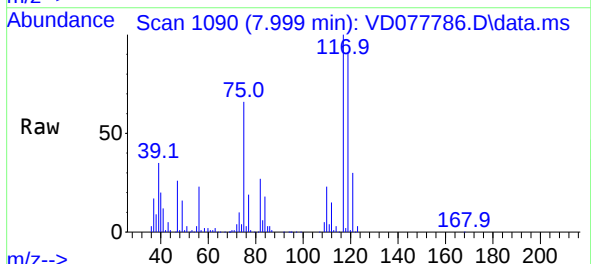
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

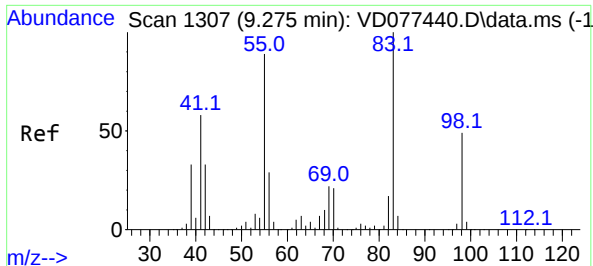
Tgt Ion: 43 Resp: 105916
Ion Ratio Lower Upper
43 100
61 13.3 14.9 22.3#
70 10.3 10.0 15.0



#38
Carbon Tetrachloride
Concen: 93.880 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 117 Resp: 289129
Ion Ratio Lower Upper
117 100
119 91.3 78.0 117.0
121 29.9 24.2 36.2

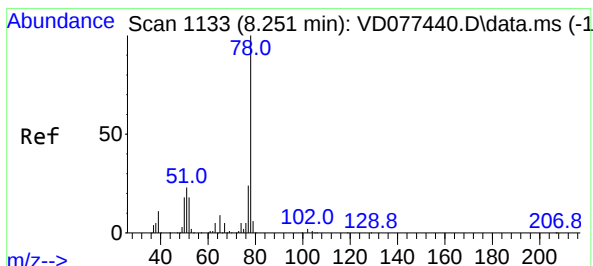
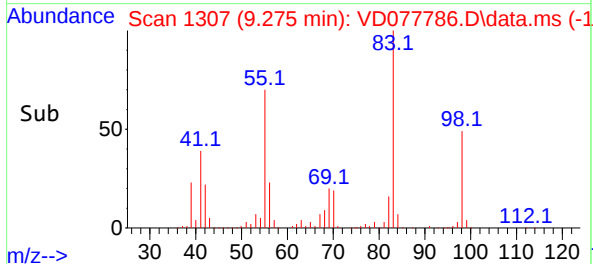
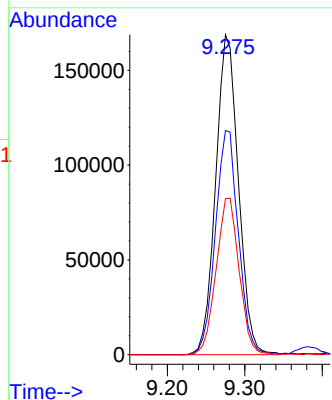
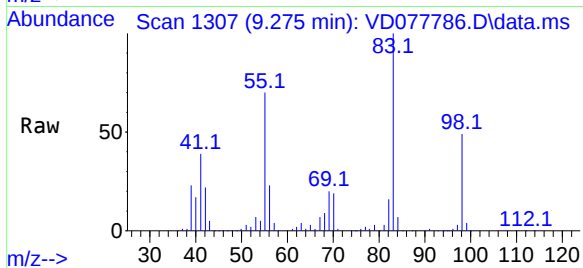




#39
Methylcyclohexane
Concen: 94.431 ug/l
RT: 9.275 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

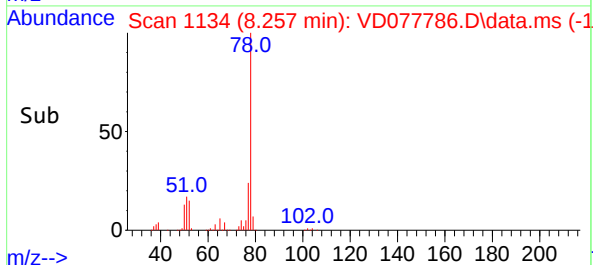
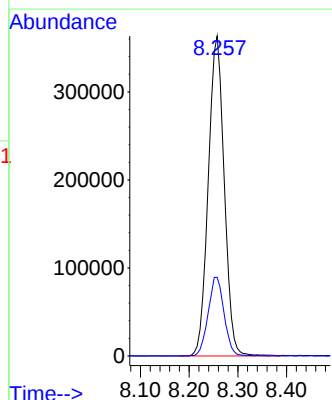
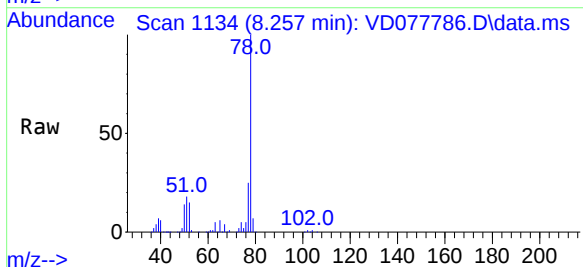
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

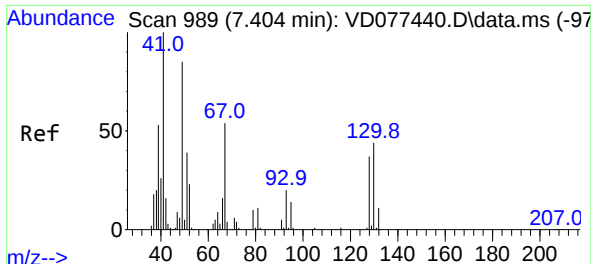
Tgt Ion: 83 Resp: 344745
Ion Ratio Lower Upper
83 100
55 70.0 49.4 74.0
98 48.8 38.4 57.6



#40
Benzene
Concen: 94.198 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 78 Resp: 824833
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0

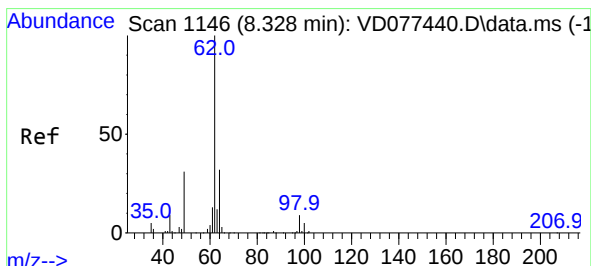
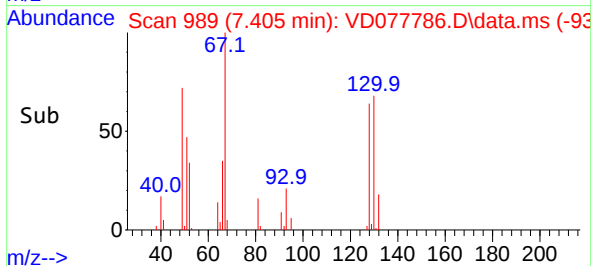
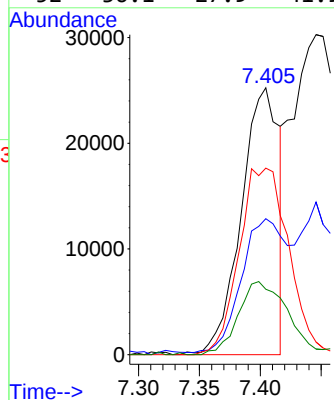
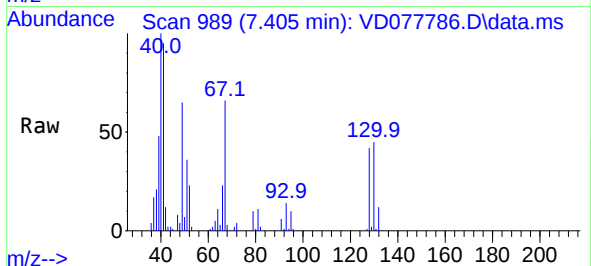




#41
Methacrylonitrile
Concen: 87.496 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

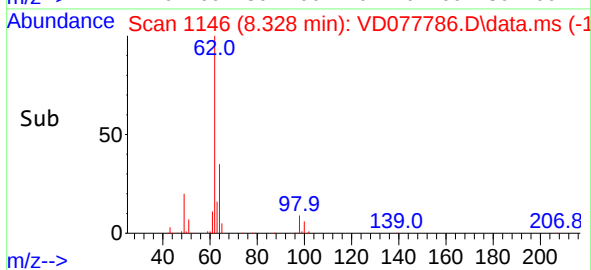
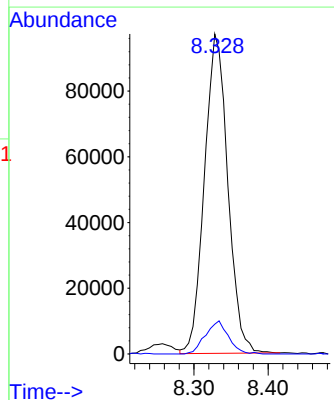
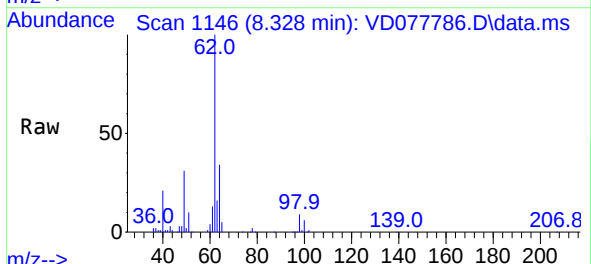
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

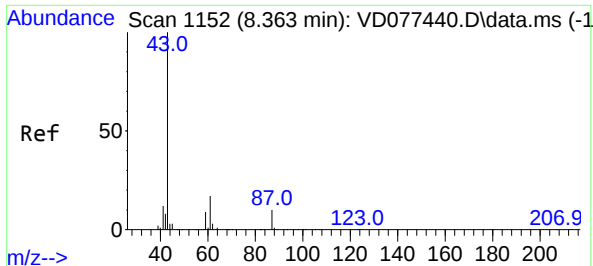
Tgt Ion: 41 Resp: 54793
Ion Ratio Lower Upper
41 100
39 58.1 34.0 51.0#
67 91.6 77.0 115.4
52 36.1 27.9 41.9



#42
1,2-Dichloroethane
Concen: 93.631 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 62 Resp: 212934
Ion Ratio Lower Upper
62 100
98 10.2 0.0 25.4

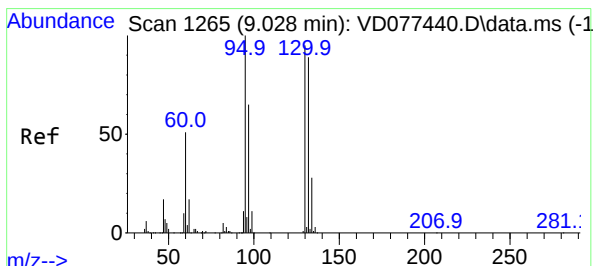
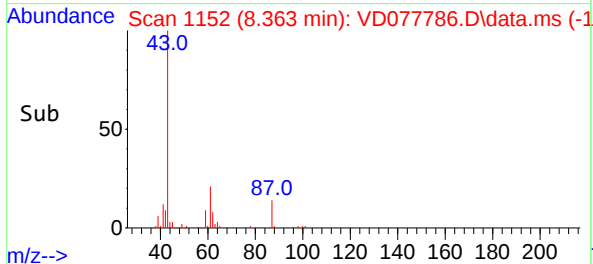
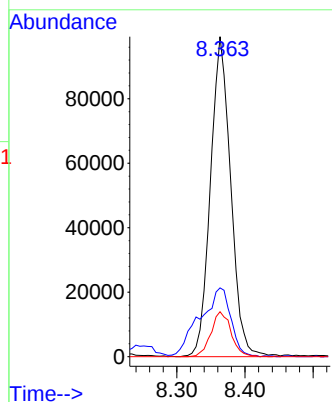
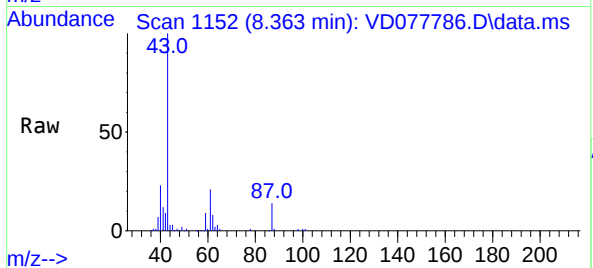




#43
Isopropyl Acetate
Concen: 95.921 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

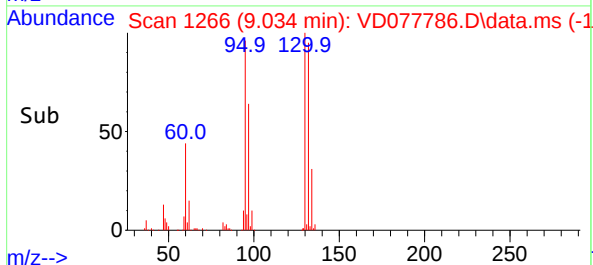
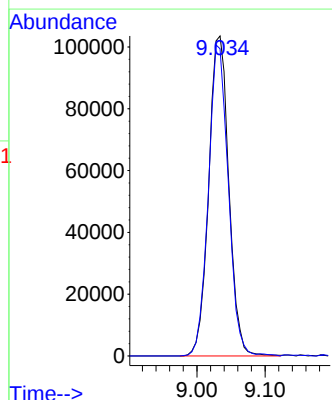
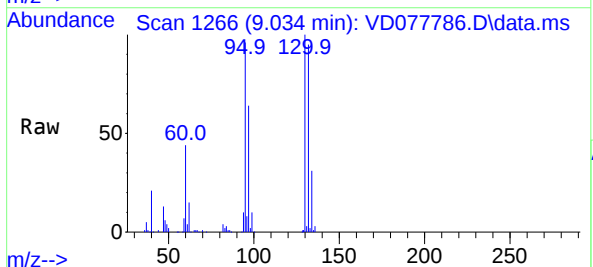
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

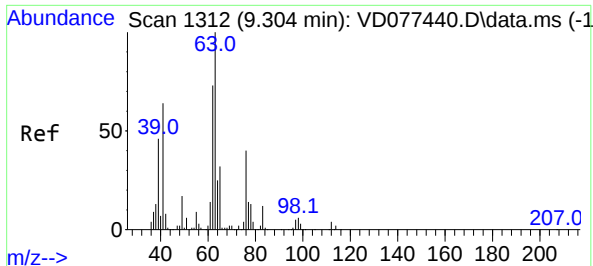
Tgt Ion: 43 Resp: 205727
Ion Ratio Lower Upper
43 100
61 32.7 31.4 47.0
87 14.0 14.9 22.3#



#44
Trichloroethene
Concen: 93.013 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion:130 Resp: 212693
Ion Ratio Lower Upper
130 100
95 96.0 0.0 179.2

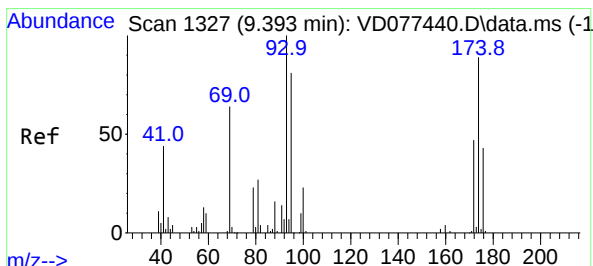
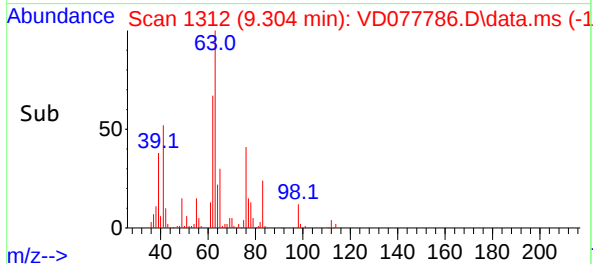
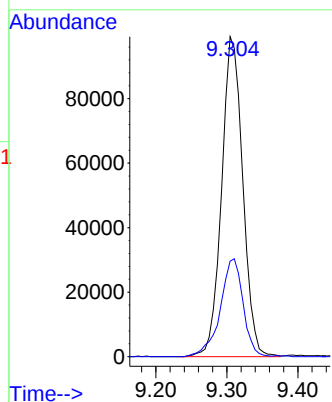
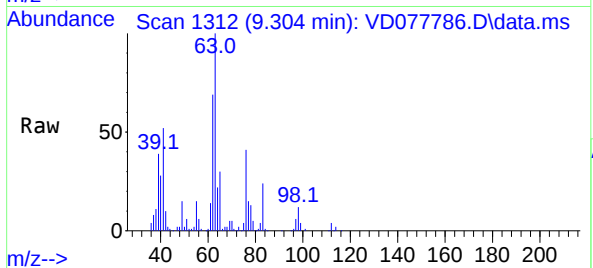




#45
1,2-Dichloropropane
Concen: 95.531 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

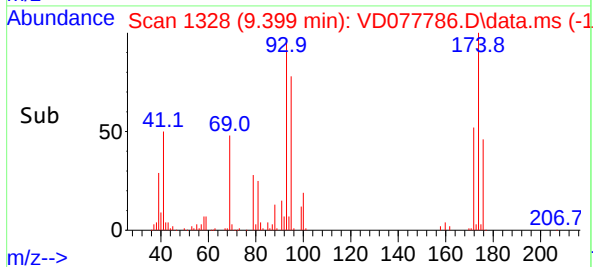
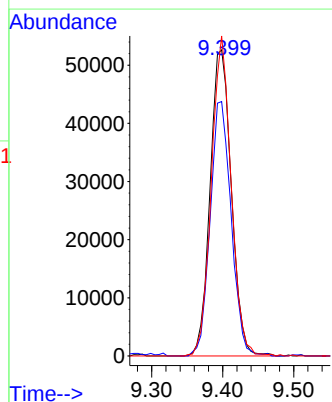
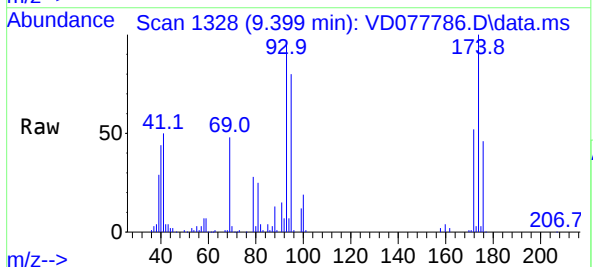
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

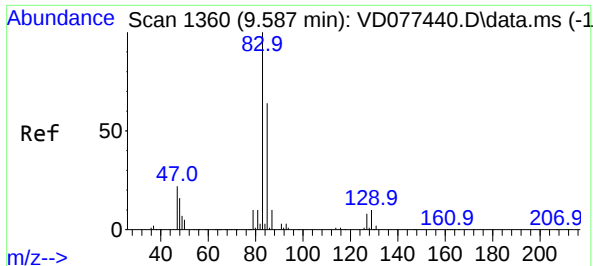
Tgt Ion: 63 Resp: 205107
Ion Ratio Lower Upper
63 100
65 29.8 24.5 36.7



#46
Dibromomethane
Concen: 96.894 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 93 Resp: 109278
Ion Ratio Lower Upper
93 100
95 82.1 67.7 101.5
174 97.4 85.4 128.2





#47

Bromodichloromethane

Concen: 95.117 ug/l

RT: 9.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077786.D

Acq: 08 Dec 2023 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

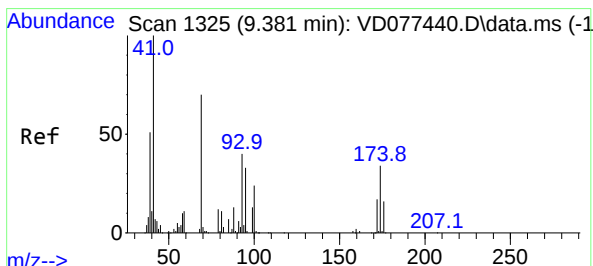
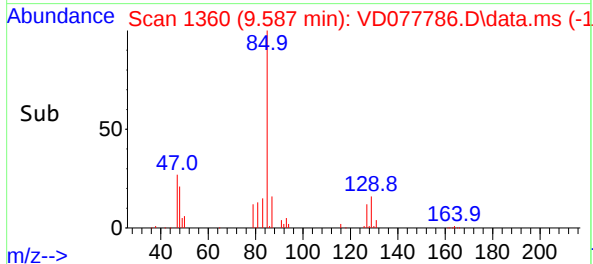
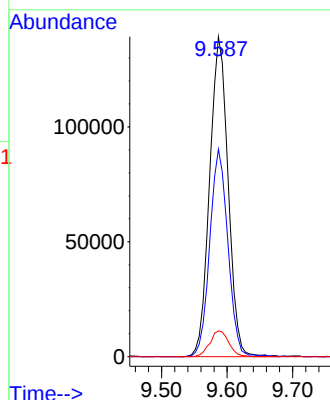
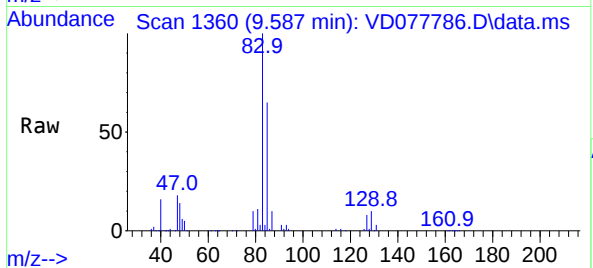
Tgt Ion: 83 Resp: 272336

Ion Ratio Lower Upper

83 100

85 64.9 50.2 75.4

127 8.0 6.3 9.5



#48

Methyl methacrylate

Concen: 98.159 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.006 min

Lab File: VD077786.D

Acq: 08 Dec 2023 11:28

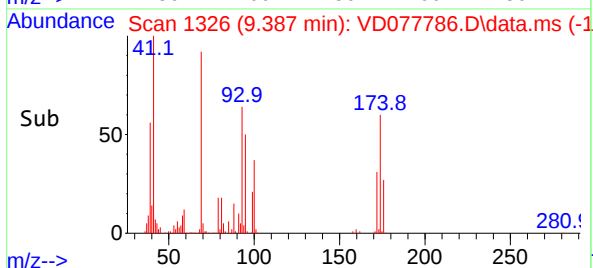
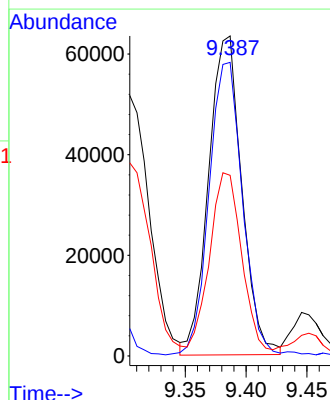
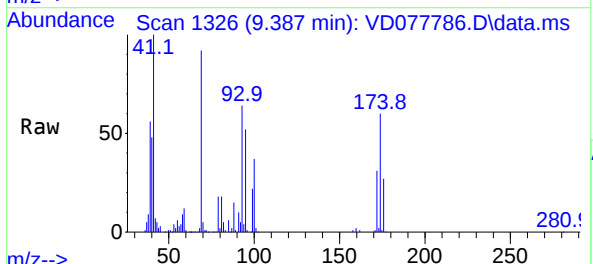
Tgt Ion: 41 Resp: 120175

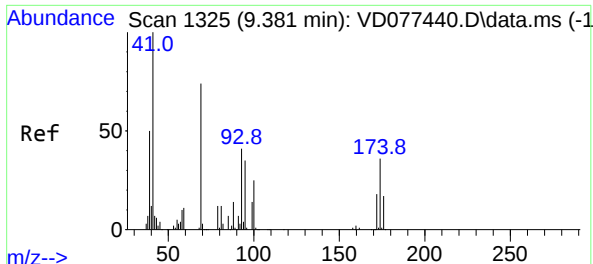
Ion Ratio Lower Upper

41 100

69 92.6 102.2 153.2#

39 52.6 41.4 62.2

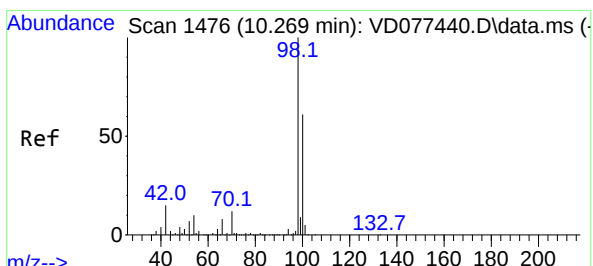
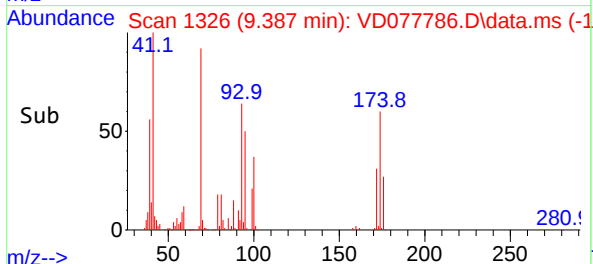
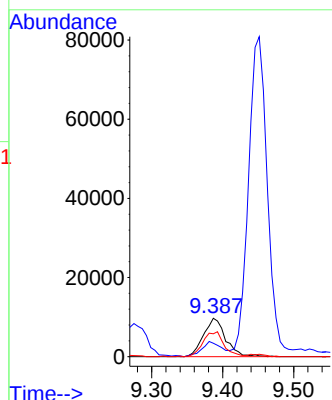
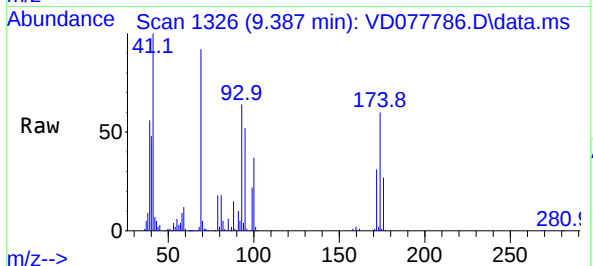




#49
1,4-Dioxane
Concen: 1863.232 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

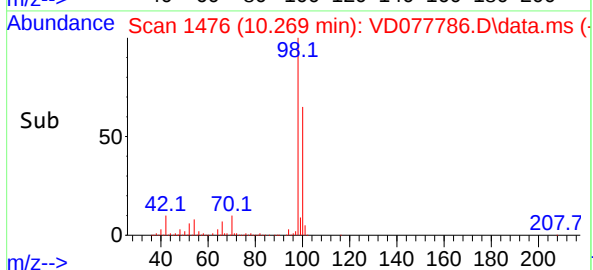
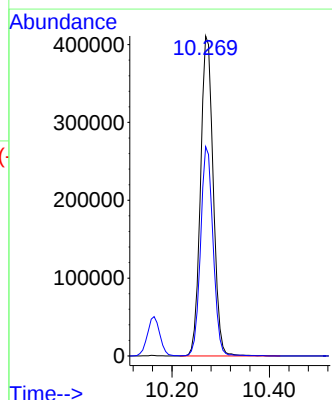
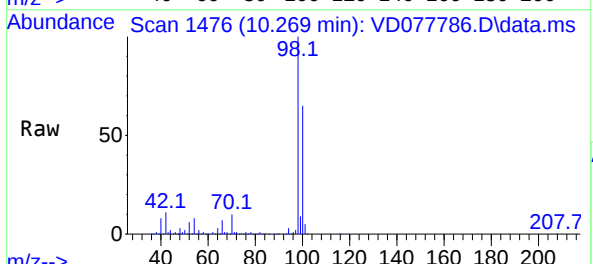
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

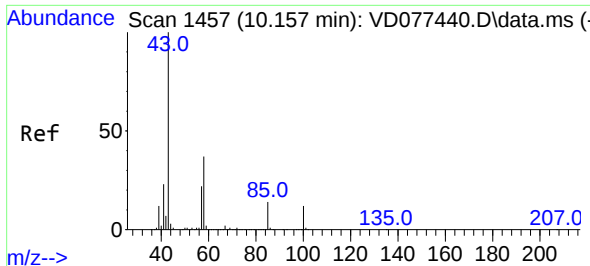
Tgt Ion: 88 Resp: 21061
Ion Ratio Lower Upper
88 100
43 33.8 19.0 28.6#
58 61.9 43.5 65.3



#50
Toluene-d8
Concen: 96.030 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 98 Resp: 743801
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5

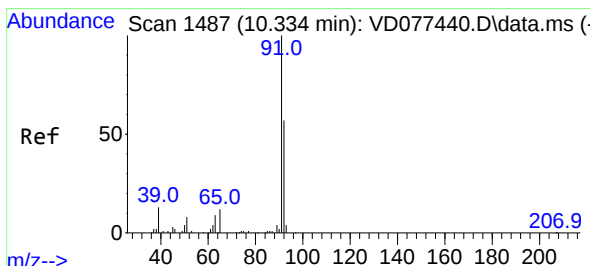
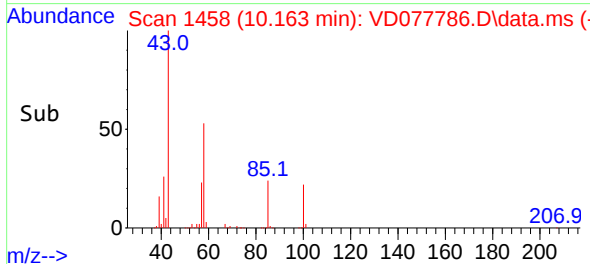
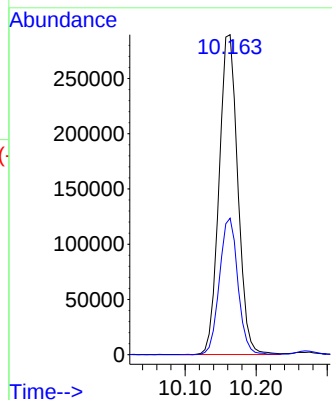
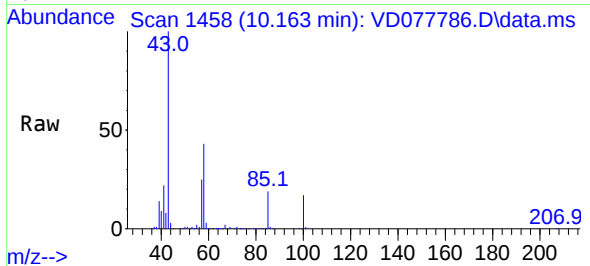




#51
4-Methyl-2-Pentanone
Concen: 481.486 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

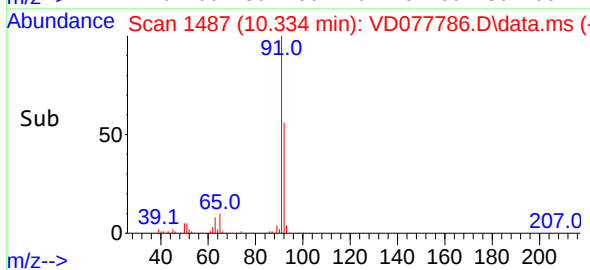
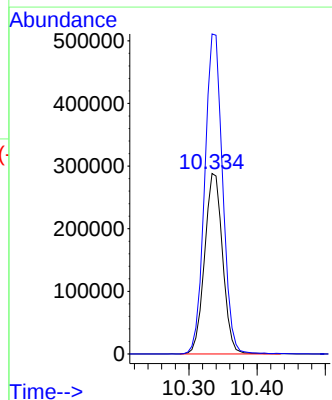
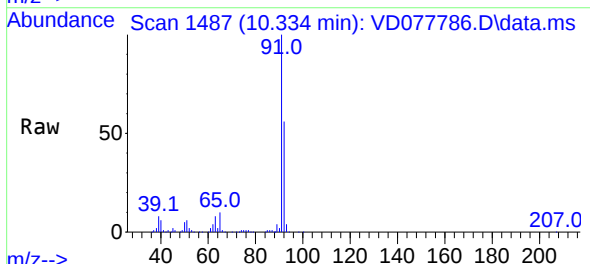
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

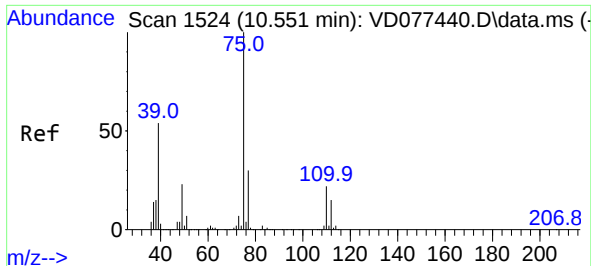
Tgt Ion: 43 Resp: 528659
Ion Ratio Lower Upper
43 100
58 42.1 38.9 58.3



#52
Toluene
Concen: 97.243 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 92 Resp: 528656
Ion Ratio Lower Upper
92 100
91 176.4 143.0 214.4

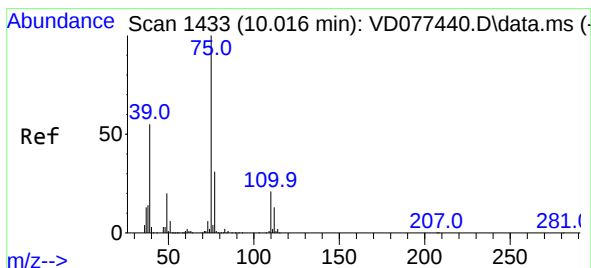
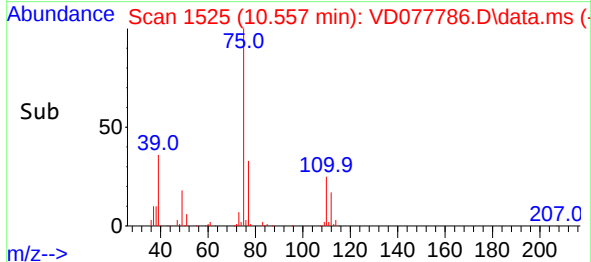
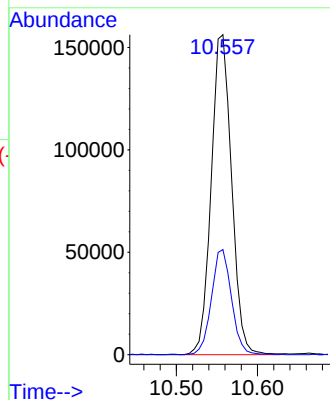
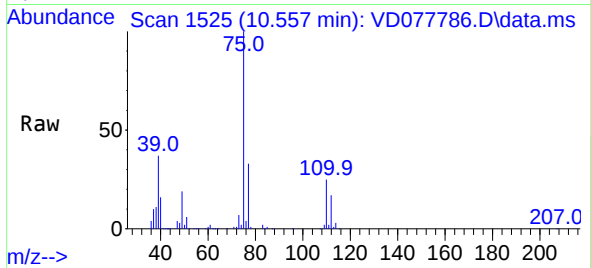




#53
t-1,3-Dichloropropene
Concen: 99.284 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

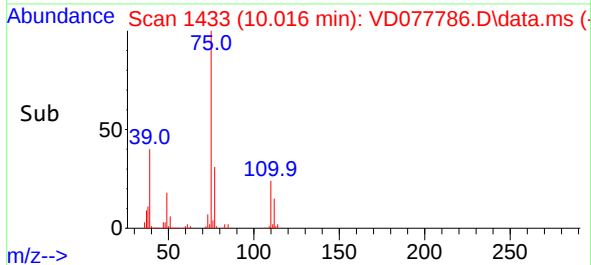
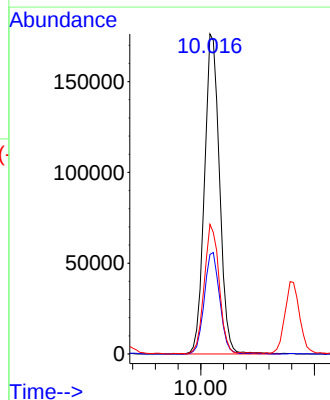
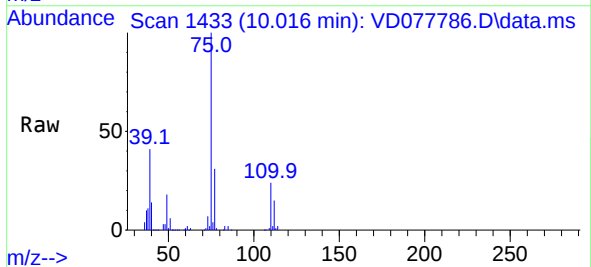
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

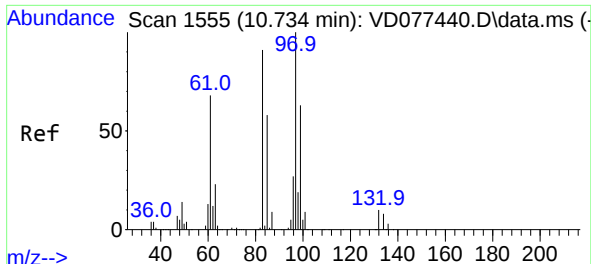
Tgt Ion: 75 Resp: 272751
Ion Ratio Lower Upper
75 100
77 32.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 97.619 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 75 Resp: 324462
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3
39 40.4 22.1 33.1#



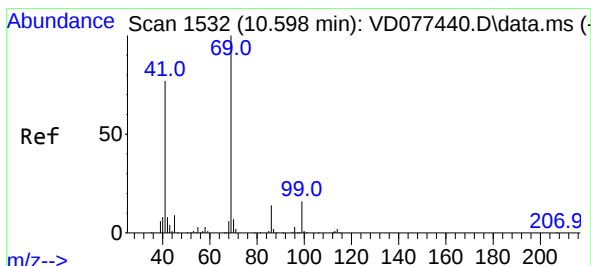
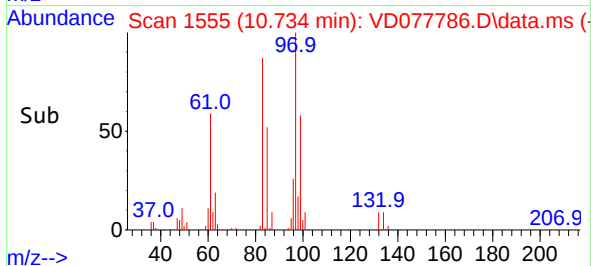
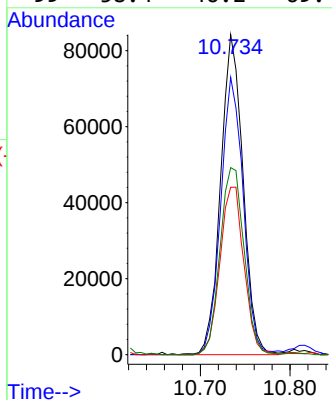
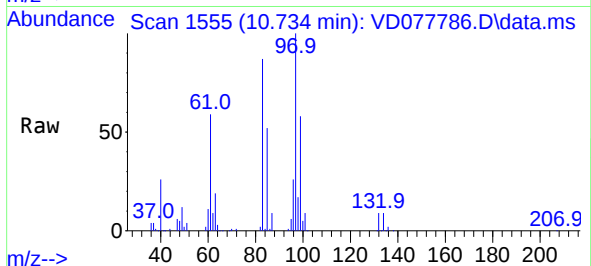


#55
1,1,2-Trichloroethane
Concen: 94.079 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 146062

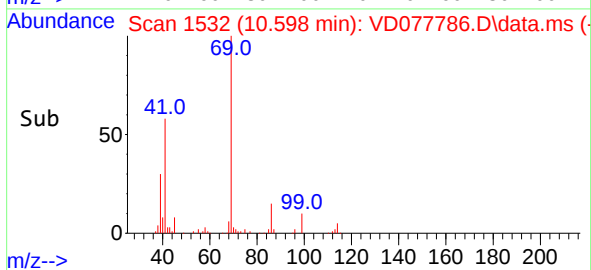
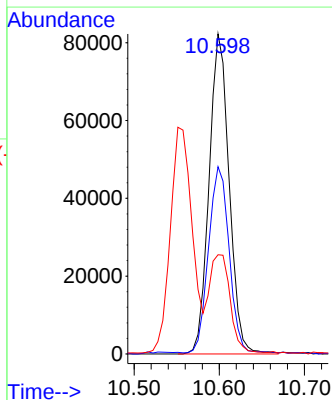
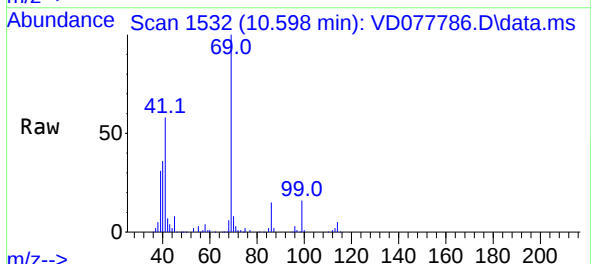
Ion	Ratio	Lower	Upper
97	100		
83	86.7	65.8	98.6
85	52.3	45.7	68.5
99	58.4	46.2	69.4

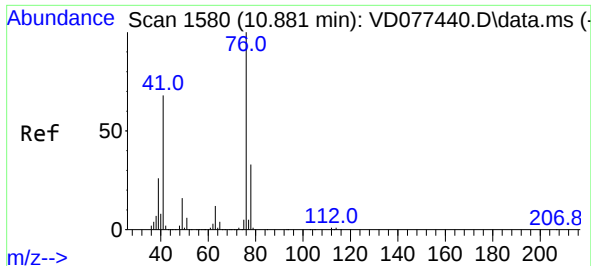


#56
Ethyl methacrylate
Concen: 98.532 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 69 Resp: 134581

Ion	Ratio	Lower	Upper
69	100		
41	60.2	39.1	58.7#
39	31.6	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 97.018 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077786.D

Acq: 08 Dec 2023 11:28

Instrument :

MSVOA_D

ClientSampleId :

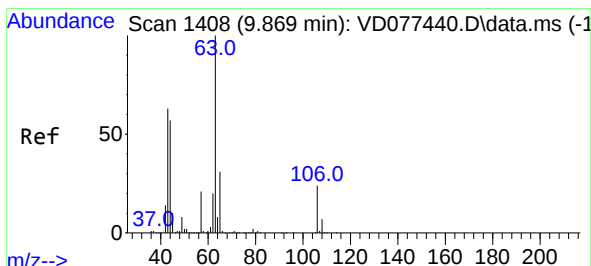
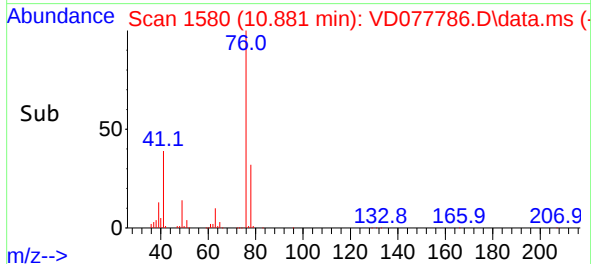
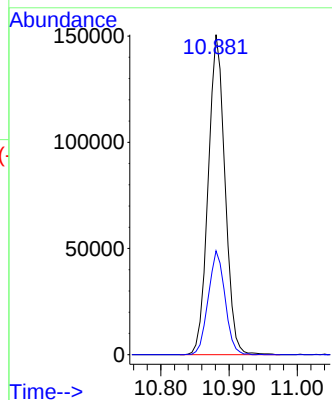
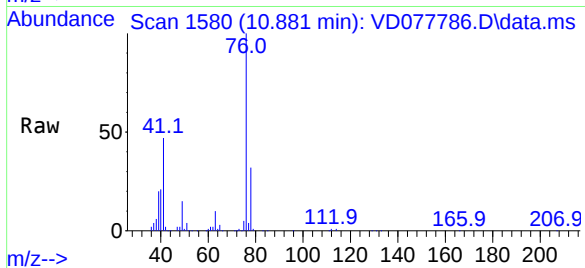
VSTDICC100

Tgt Ion: 76 Resp: 258657

Ion Ratio Lower Upper

76 100

78 32.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 533.613 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077786.D

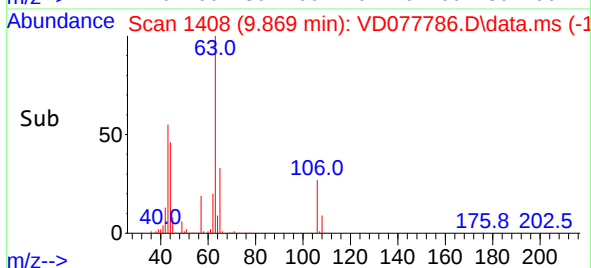
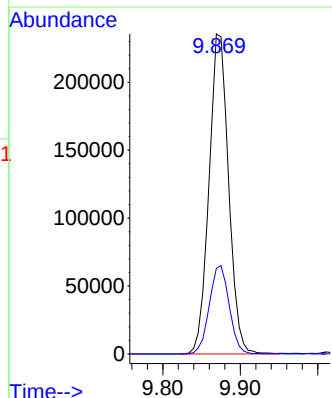
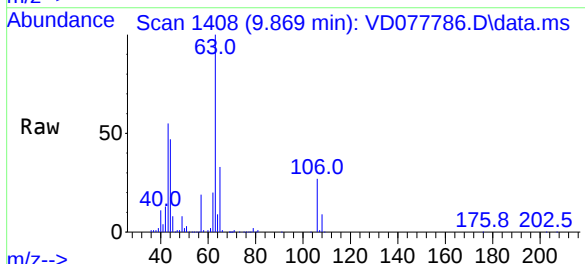
Acq: 08 Dec 2023 11:28

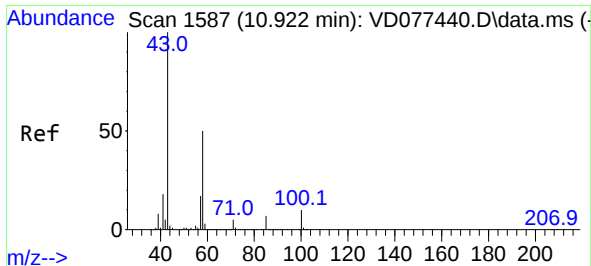
Tgt Ion: 63 Resp: 413526

Ion Ratio Lower Upper

63 100

106 28.1 25.3 37.9

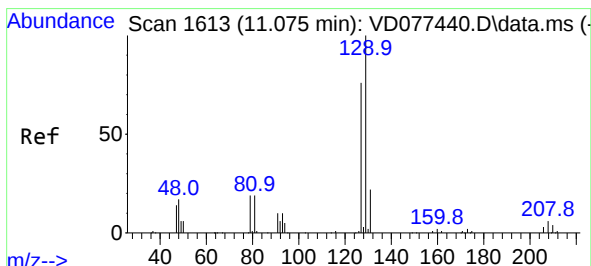
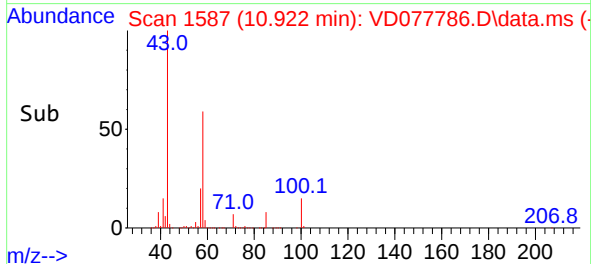
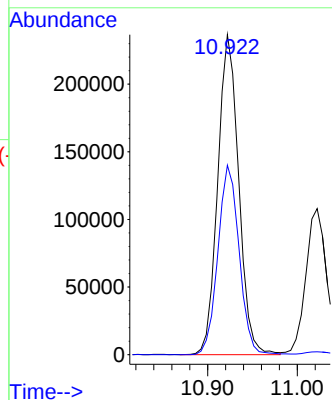
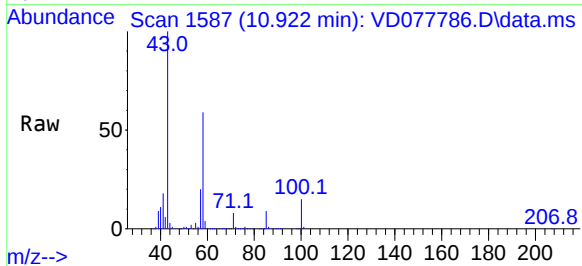




#59
2-Hexanone
Concen: 470.856 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

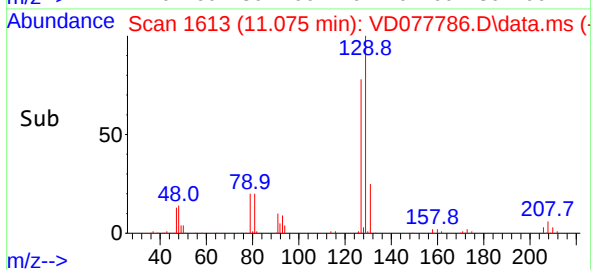
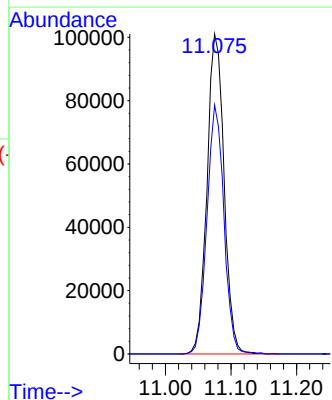
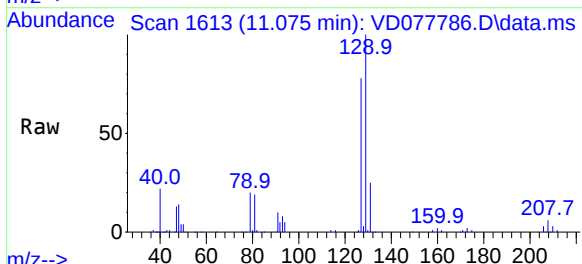
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

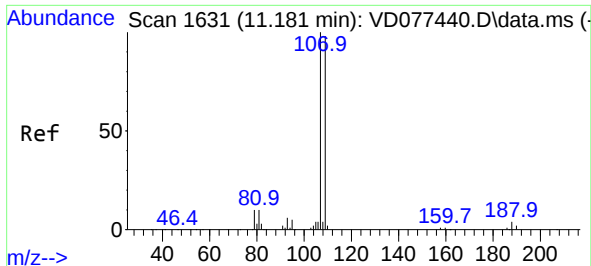
Tgt Ion: 43 Resp: 383851
Ion Ratio Lower Upper
43 100
58 60.0 34.1 102.2



#60
Dibromochloromethane
Concen: 97.642 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion:129 Resp: 183182
Ion Ratio Lower Upper
129 100
127 77.3 37.1 111.5

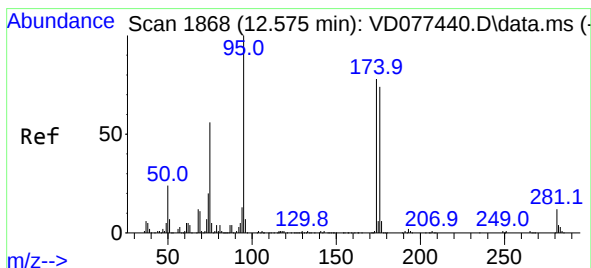
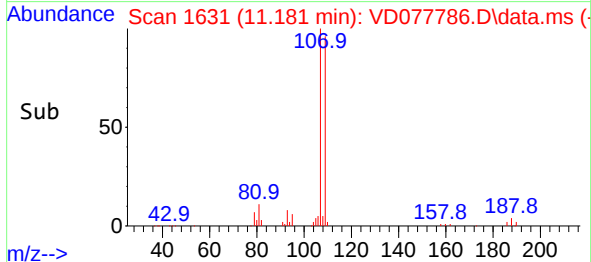
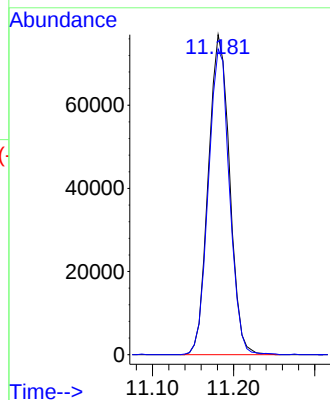
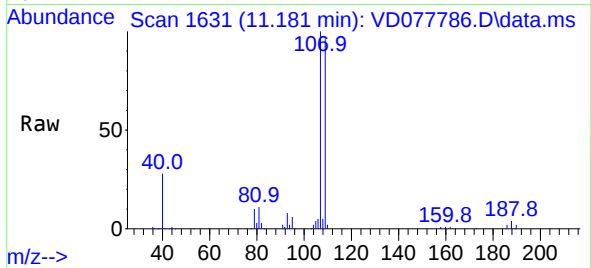




#61
1,2-Dibromoethane
Concen: 95.384 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

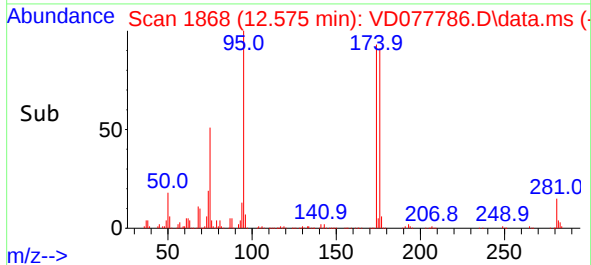
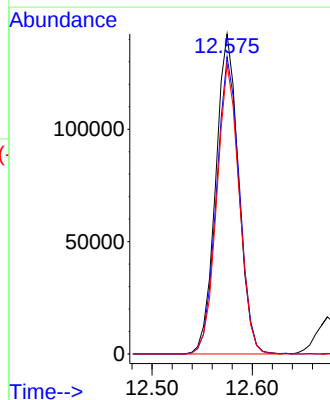
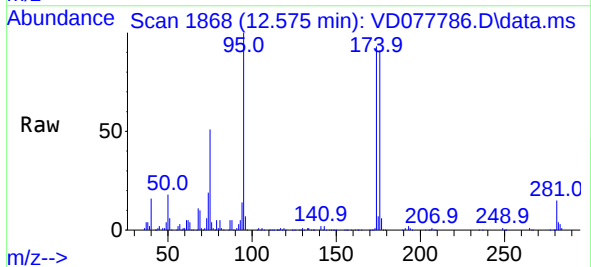
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

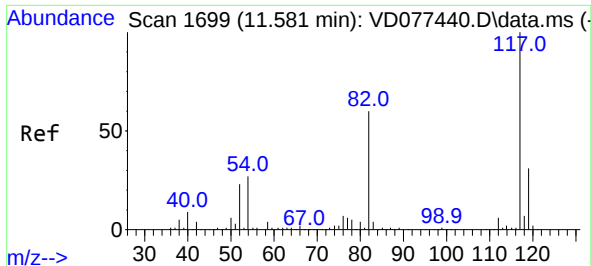
Tgt Ion:107 Resp: 140045
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 97.238 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 95 Resp: 224560
Ion Ratio Lower Upper
95 100
174 93.6 0.0 201.8
176 88.8 0.0 191.8

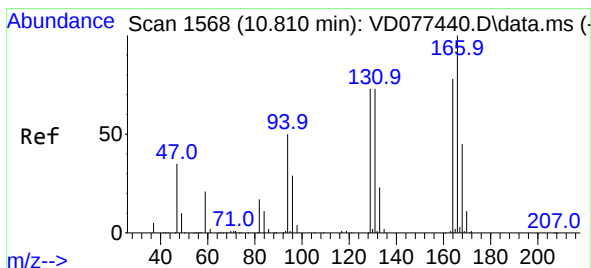
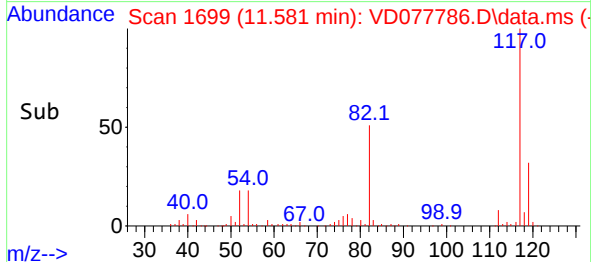
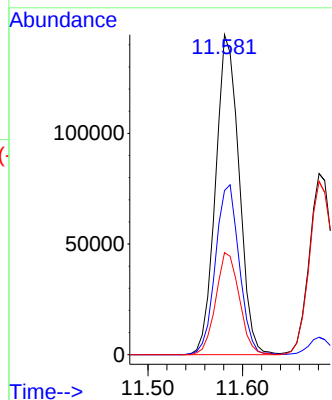
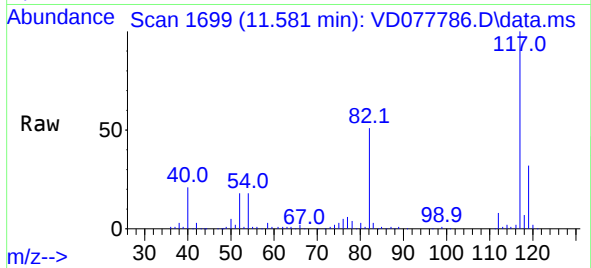




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

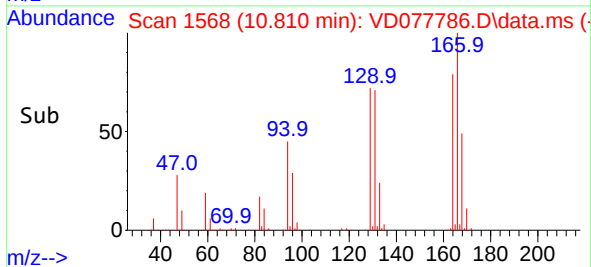
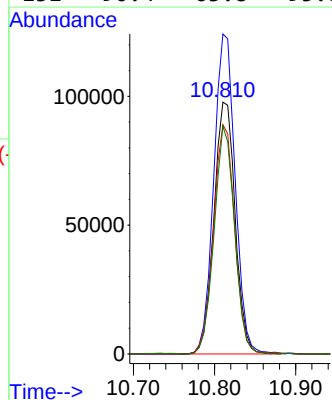
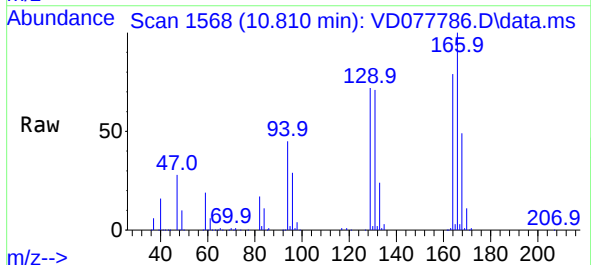
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

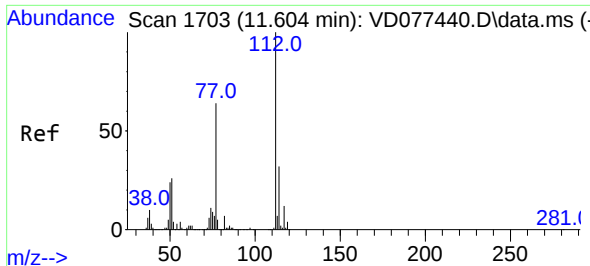
Tgt Ion:117 Resp: 249705
Ion Ratio Lower Upper
117 100
82 51.3 38.3 57.5
119 31.9 25.0 37.4



#64
Tetrachloroethene
Concen: 96.311 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion:164 Resp: 178506
Ion Ratio Lower Upper
164 100
166 127.0 99.2 148.8
129 91.1 68.4 102.6
131 90.4 63.8 95.8

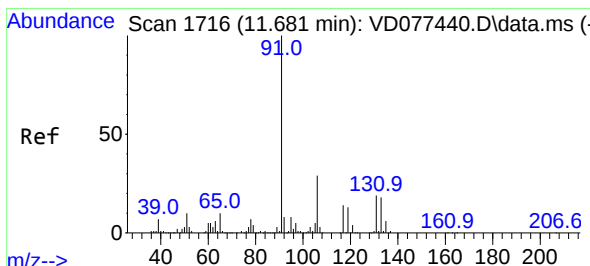
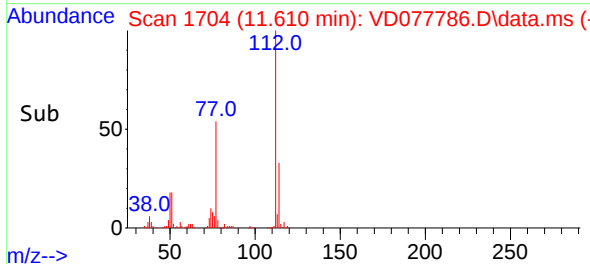
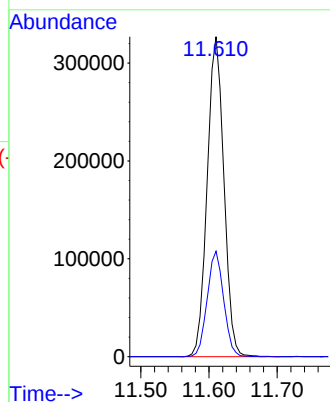
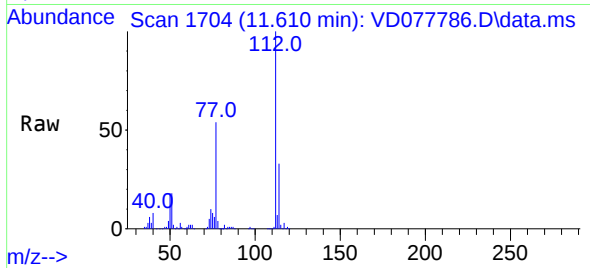




#65
Chlorobenzene
Concen: 96.206 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

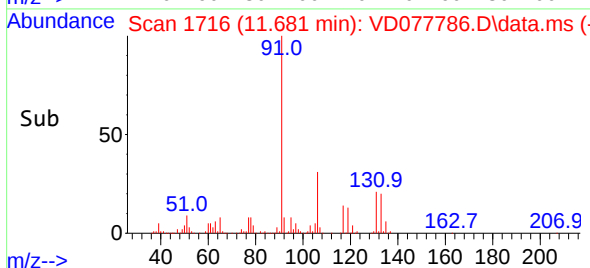
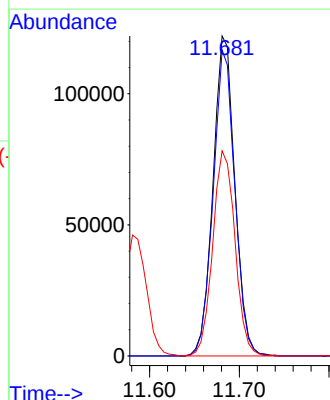
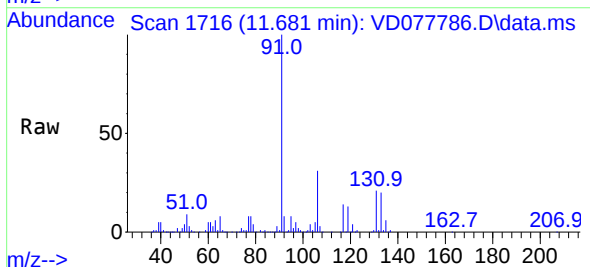
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

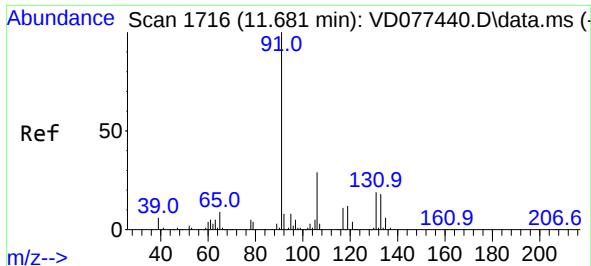
Tgt Ion:112 Resp: 557007
Ion Ratio Lower Upper
112 100
114 33.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 97.920 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion:131 Resp: 205990
Ion Ratio Lower Upper
131 100
133 95.2 48.5 145.5
119 65.6 35.6 106.9





#67

Ethyl Benzene

Concen: 99.459 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077786.D

Acq: 08 Dec 2023 11:28

Instrument :

MSVOA_D

ClientSampleId :

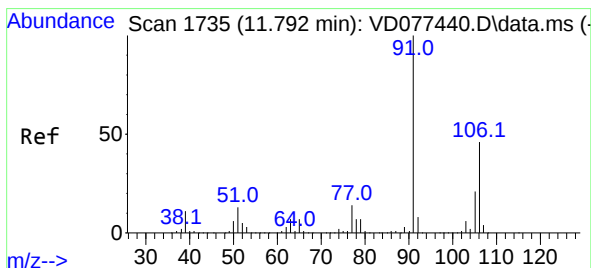
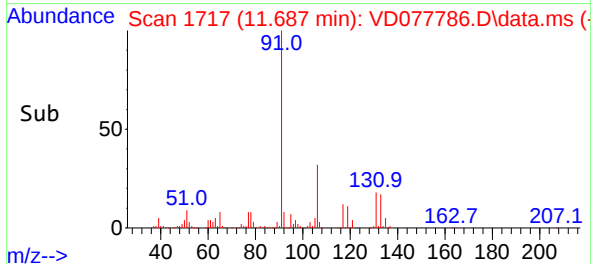
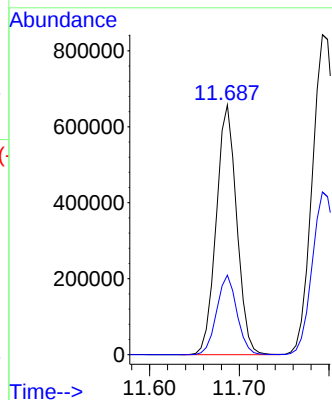
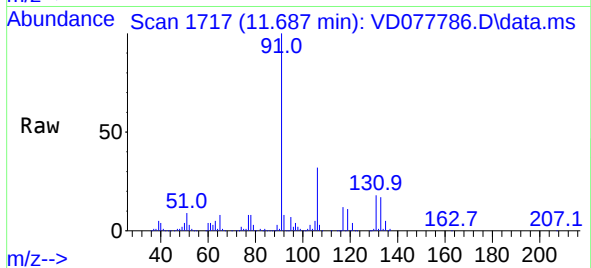
VSTDICC100

Tgt Ion: 91 Resp: 1040706

Ion Ratio Lower Upper

91 100

106 31.8 26.5 39.7



#68

m/p-Xylenes

Concen: 202.598 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD077786.D

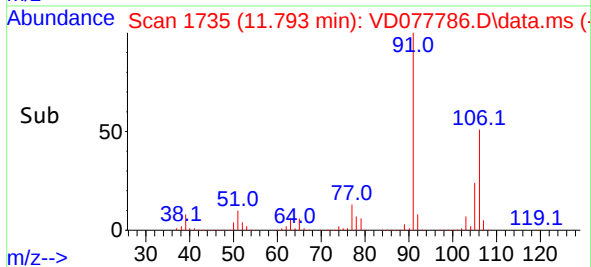
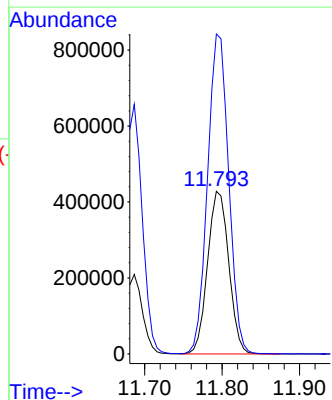
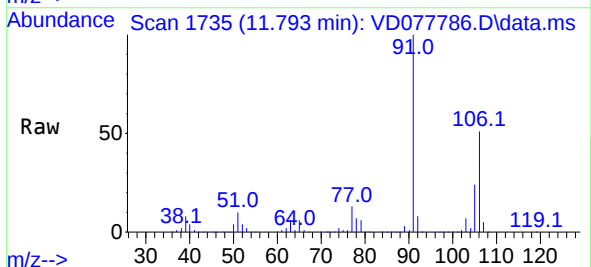
Acq: 08 Dec 2023 11:28

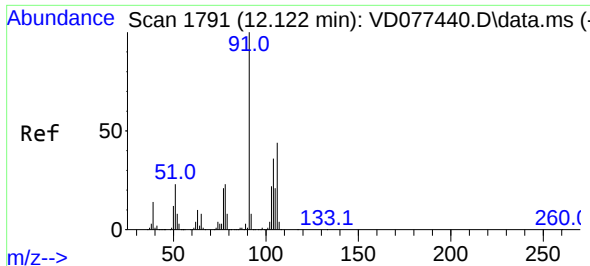
Tgt Ion:106 Resp: 813491

Ion Ratio Lower Upper

106 100

91 195.8 147.0 220.6

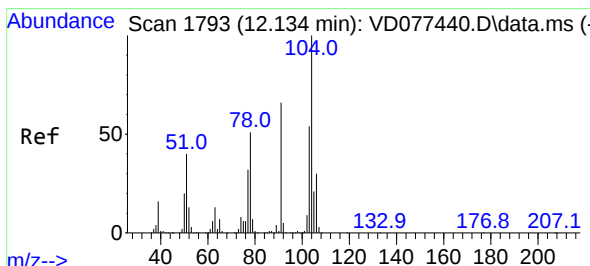
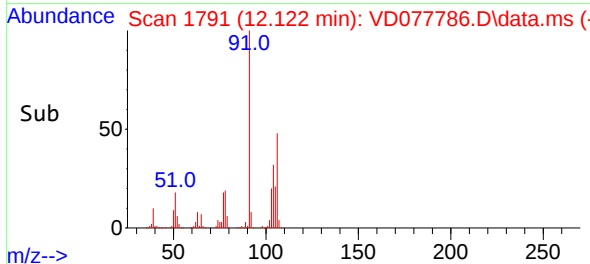
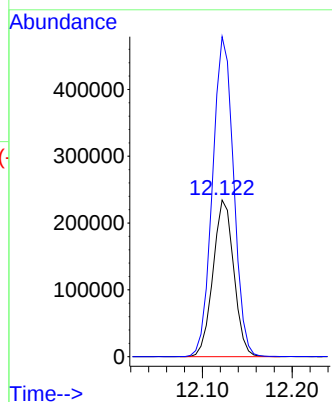
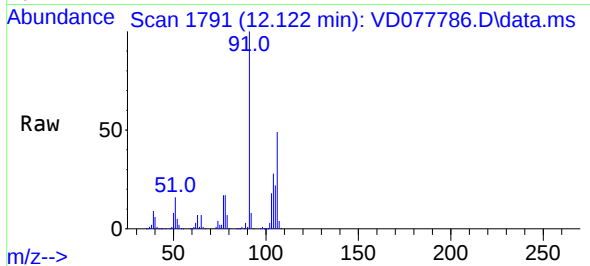




#69
o-Xylene
Concen: 101.818 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

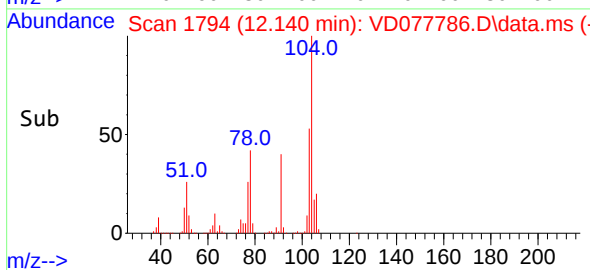
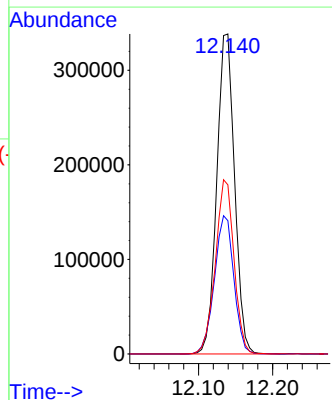
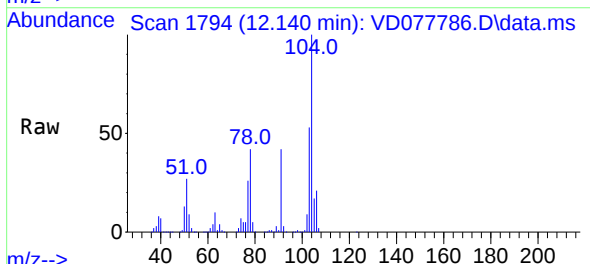
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

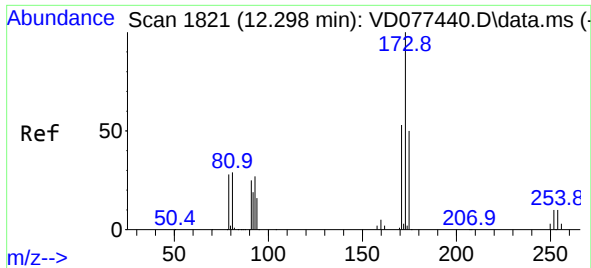
Tgt Ion:106 Resp: 377131
Ion Ratio Lower Upper
106 100
91 207.8 97.9 293.6



#70
Styrene
Concen: 102.945 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion:104 Resp: 565212
Ion Ratio Lower Upper
104 100
78 47.2 33.2 49.8
103 57.1 43.6 65.4

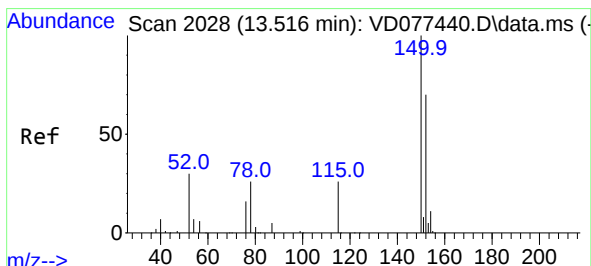
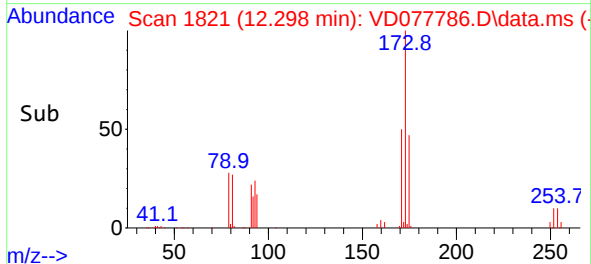
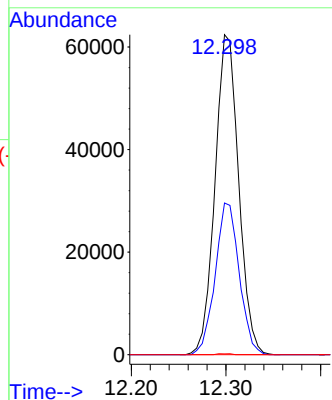
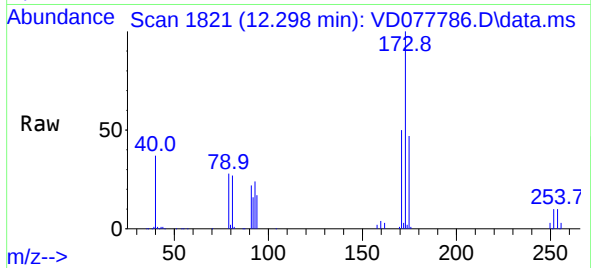




#71
Bromoform
Concen: 98.938 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

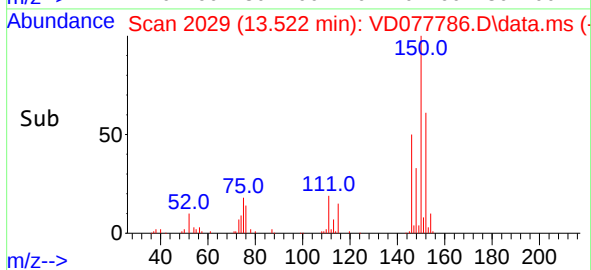
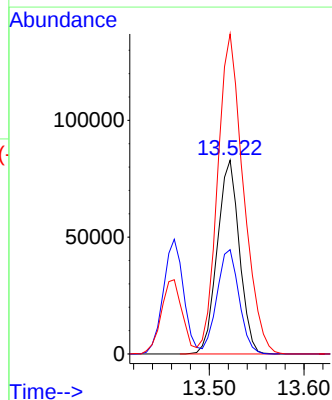
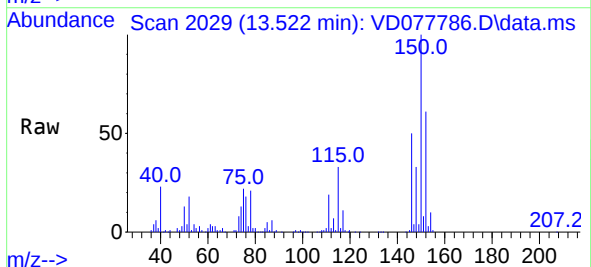
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

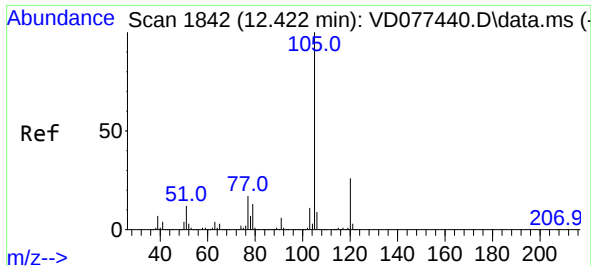
Tgt Ion:173 Resp: 108441
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion:152 Resp: 134274
Ion Ratio Lower Upper
152 100
115 53.9 27.1 81.3
150 192.7 0.0 353.6

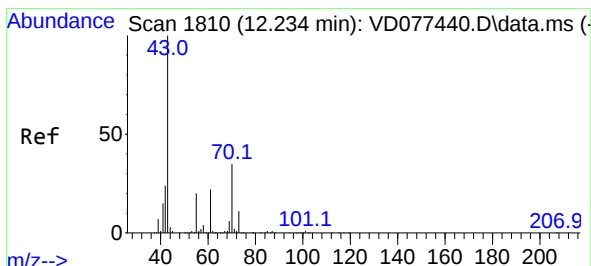
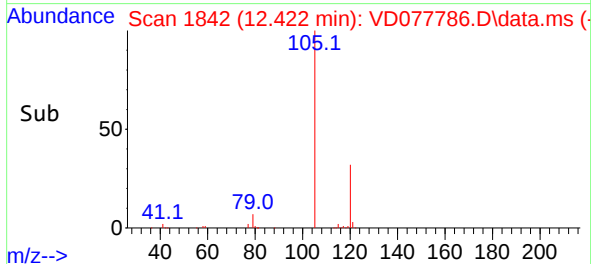
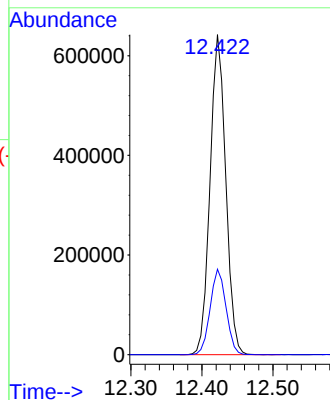
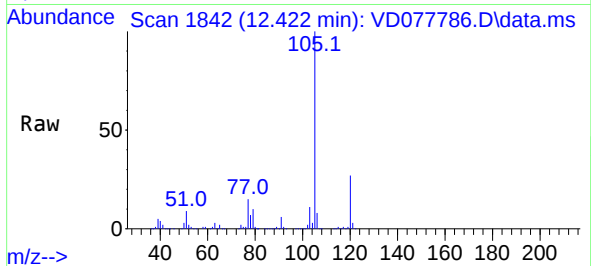




#73
Isopropylbenzene
Concen: 96.467 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

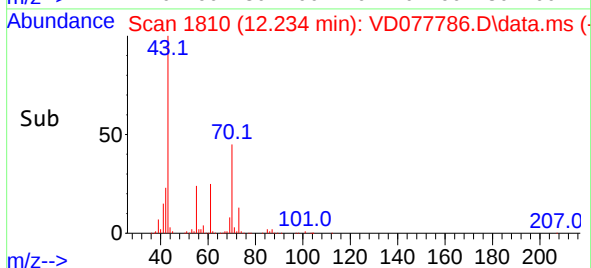
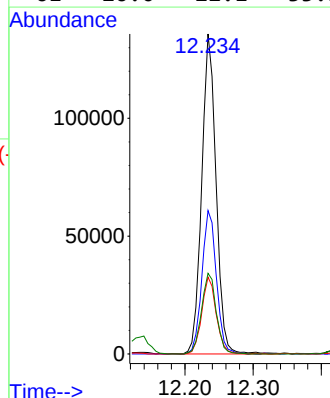
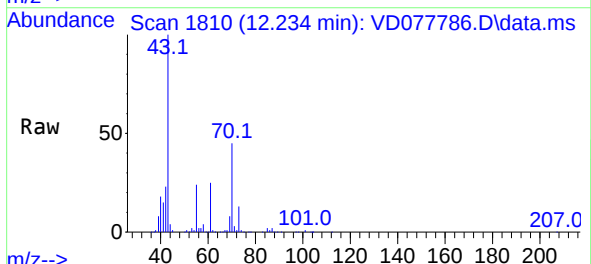
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

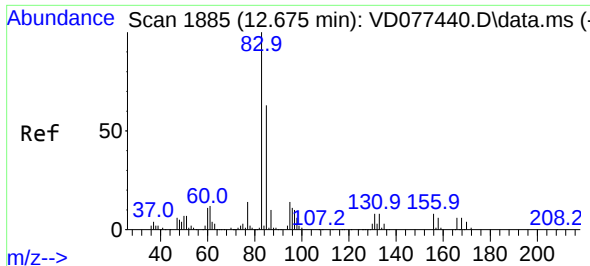
Tgt Ion:105 Resp: 988886
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9



#74
N-ethyl acetate
Concen: 98.298 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 43 Resp: 198741
Ion Ratio Lower Upper
43 100
70 45.4 45.0 67.4
55 24.3 23.8 35.6
61 26.0 22.1 33.1

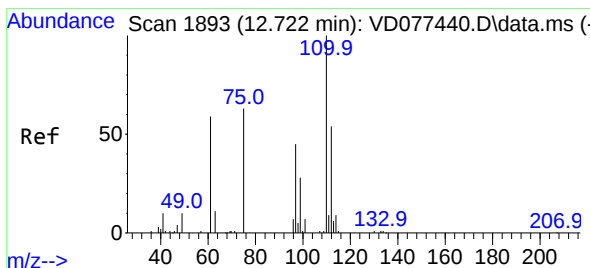
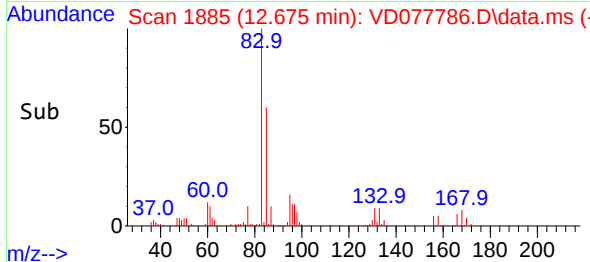
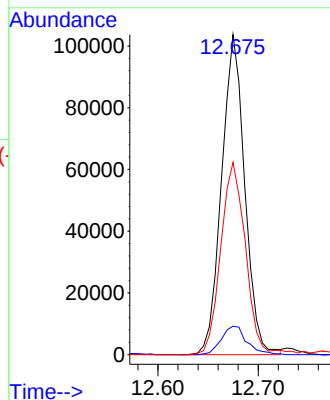
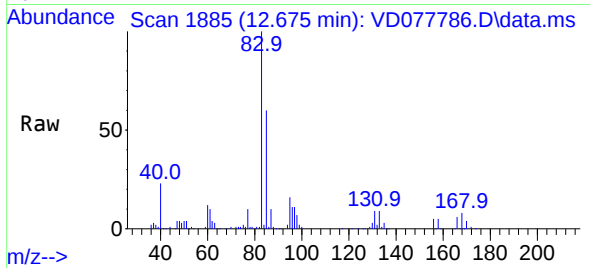




#75
1,1,2,2-Tetrachloroethane
Concen: 92.435 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

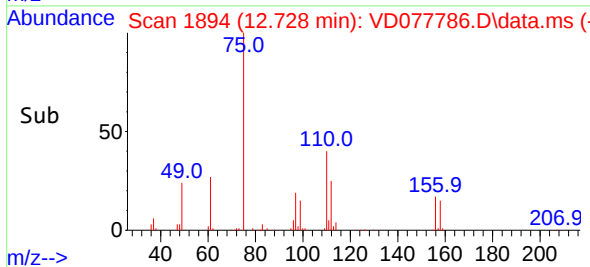
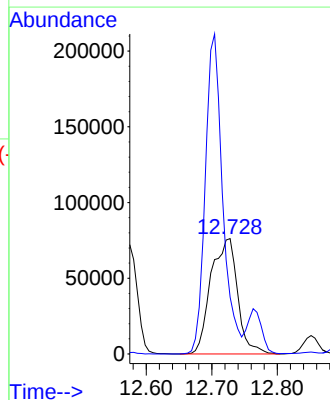
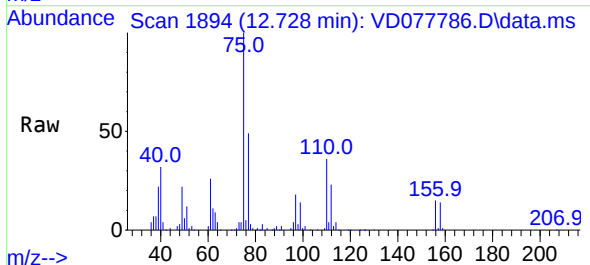
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

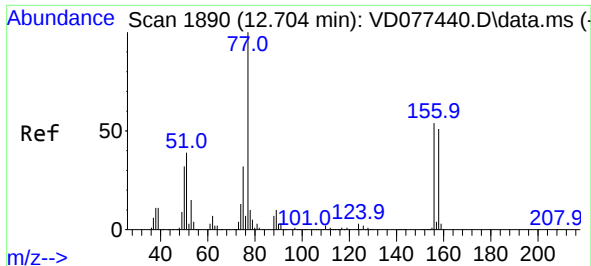
Tgt Ion: 83 Resp: 166459
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 64.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 185.404 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 75 Resp: 214939
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

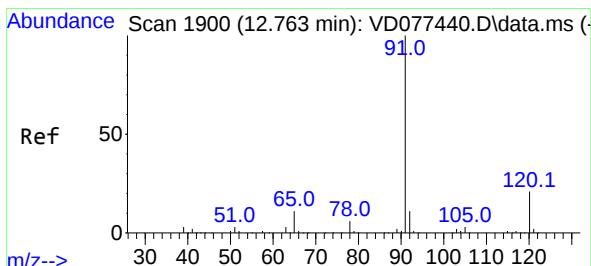
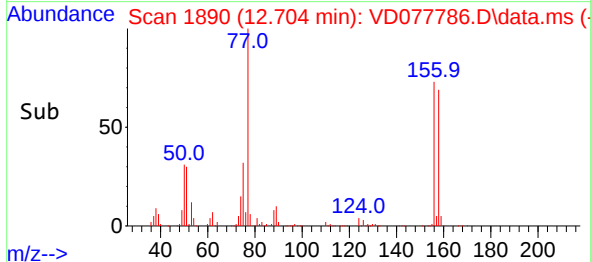
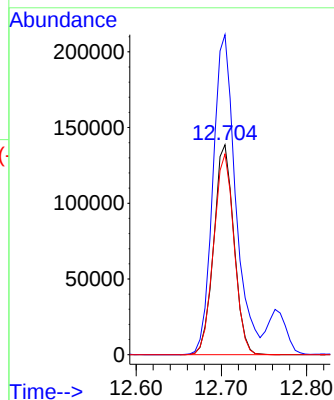
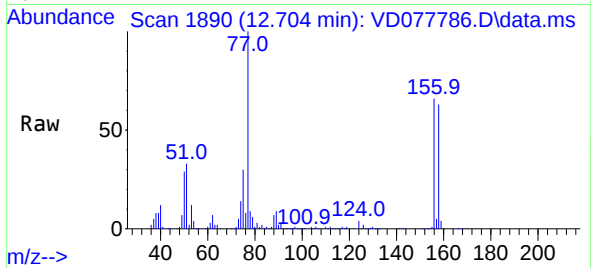




#77
Bromobenzene
Concen: 94.412 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

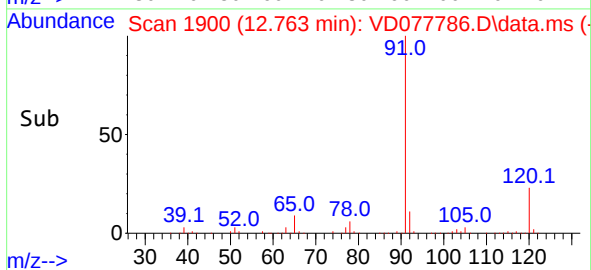
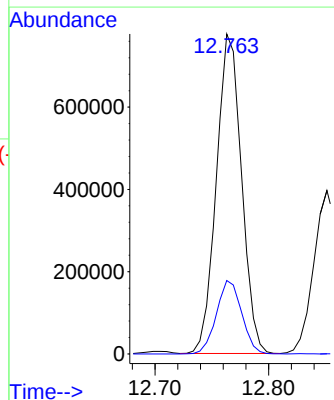
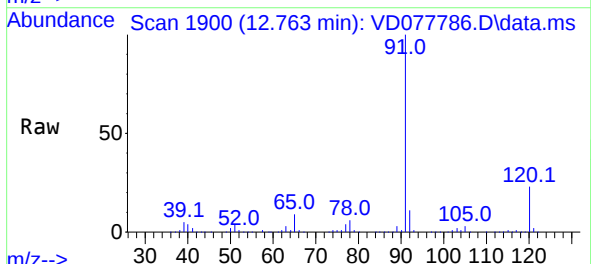
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

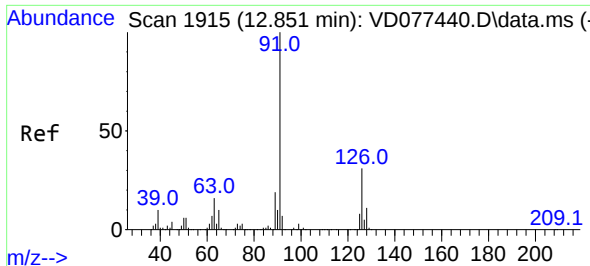
Tgt Ion:156 Resp: 227803
Ion Ratio Lower Upper
156 100
77 171.4 76.8 230.4
158 96.8 48.6 145.9



#78
n-propylbenzene
Concen: 96.476 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 91 Resp: 1196891
Ion Ratio Lower Upper
91 100
120 23.0 12.4 37.2

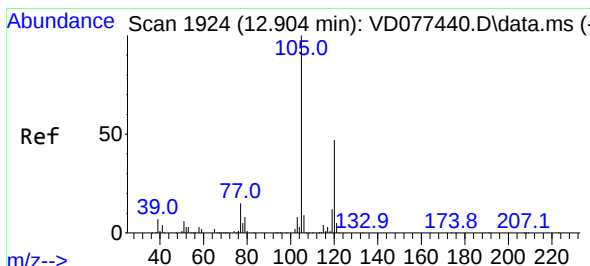
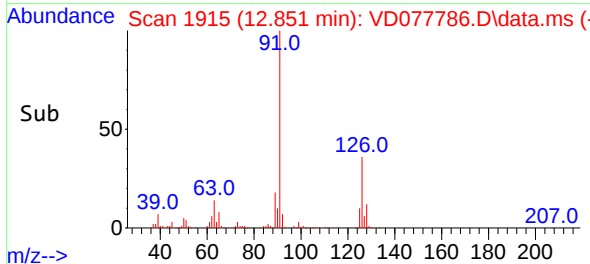
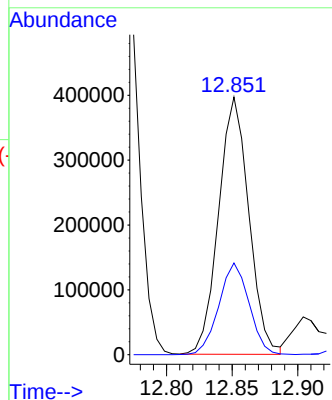
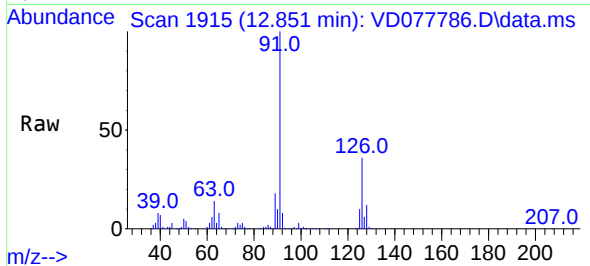




#79
2-Chlorotoluene
Concen: 95.581 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

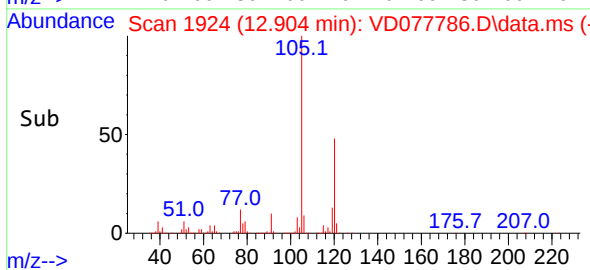
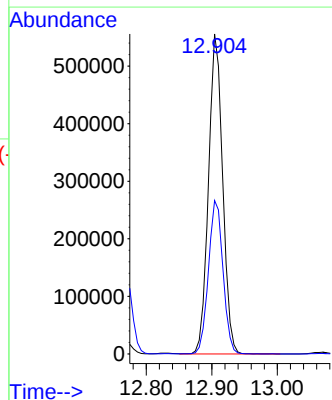
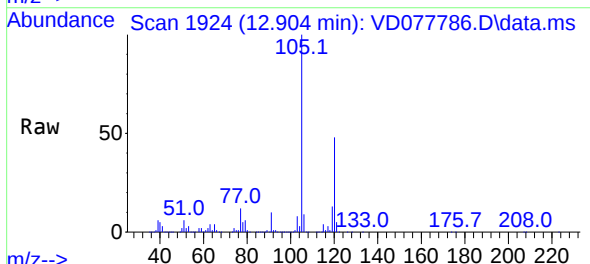
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

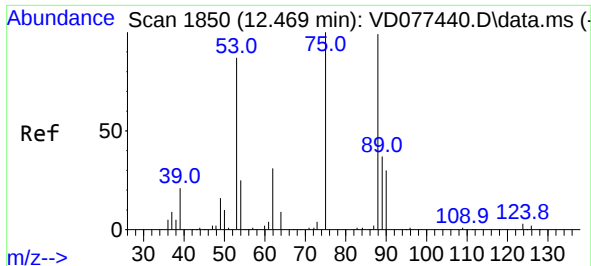
Tgt Ion: 91 Resp: 637388
Ion Ratio Lower Upper
91 100
126 35.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 97.628 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 105 Resp: 835496
Ion Ratio Lower Upper
105 100
120 49.3 26.4 79.2

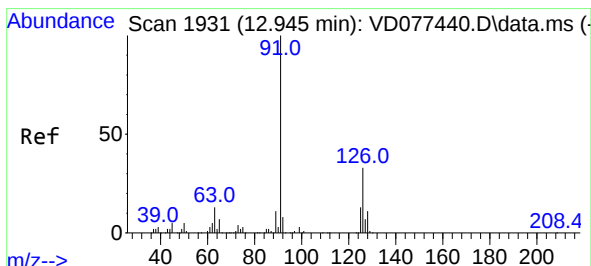
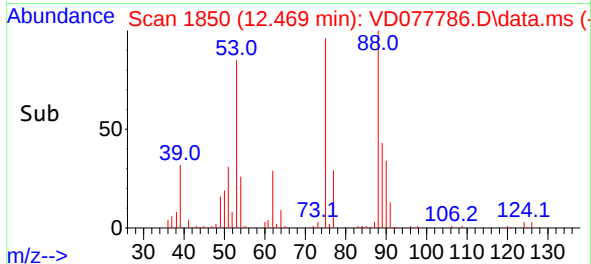
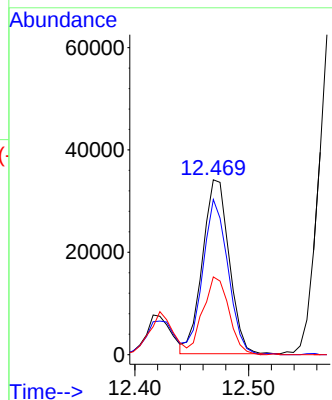
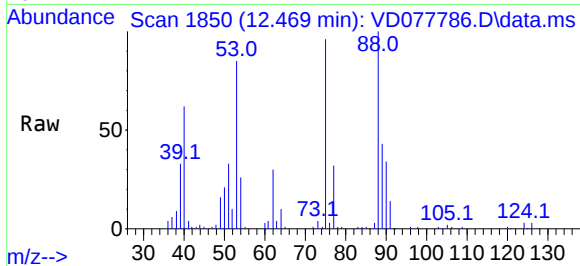




#81
trans-1,4-Dichloro-2-butene
Concen: 96.839 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

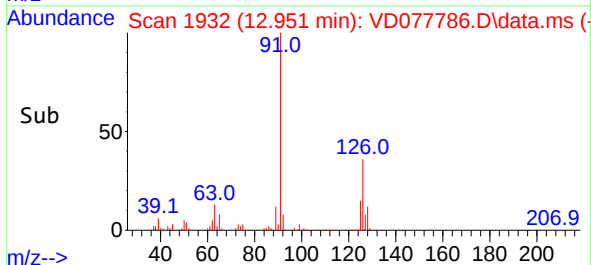
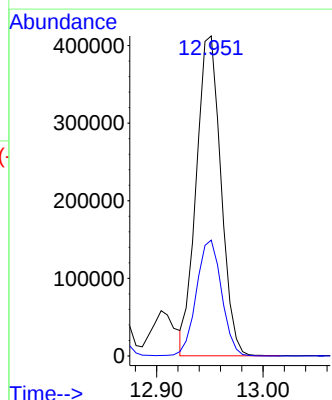
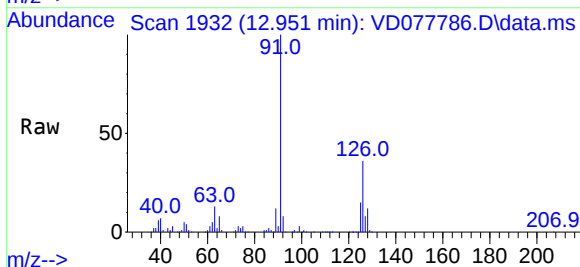
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

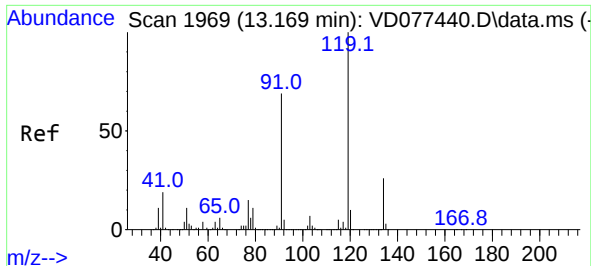
Tgt Ion: 75 Resp: 55475
Ion Ratio Lower Upper
75 100
53 85.1 63.0 94.4
89 43.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 95.584 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 91 Resp: 663856
Ion Ratio Lower Upper
91 100
126 37.0 19.4 58.4

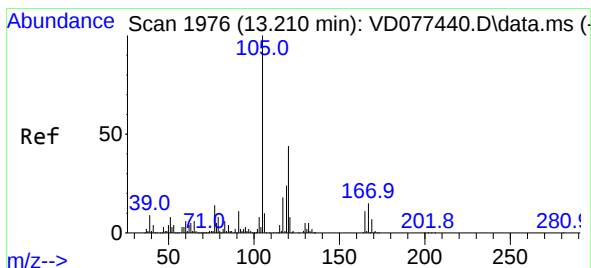
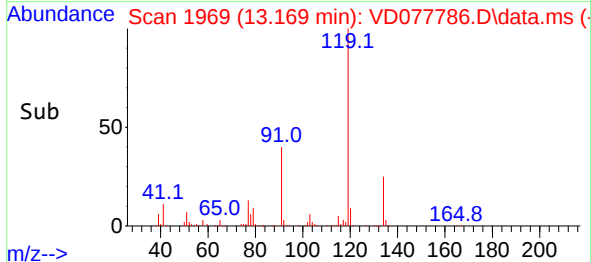
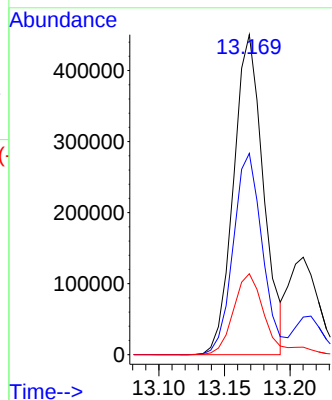
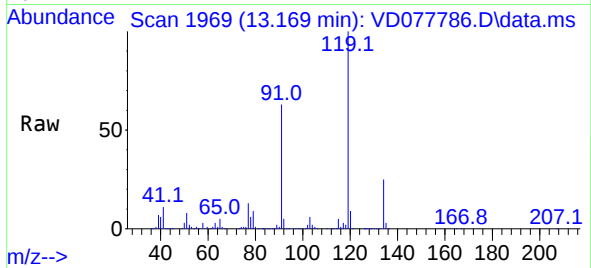




#83
tert-Butylbenzene
Concen: 99.240 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

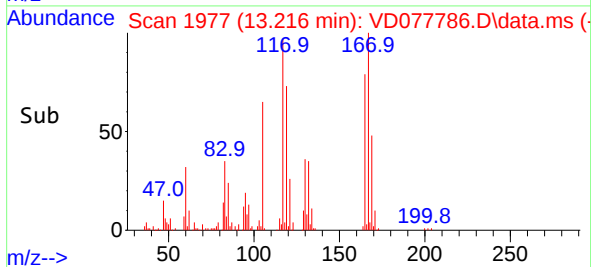
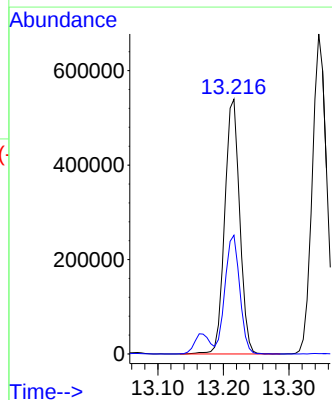
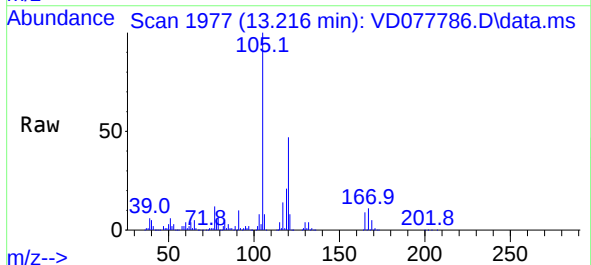
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

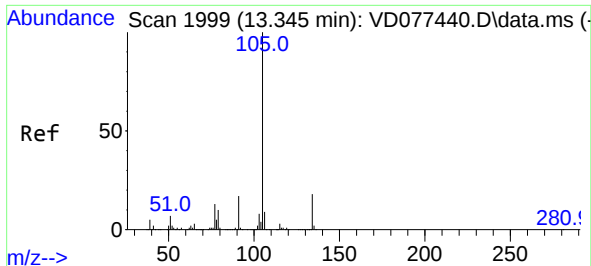
Tgt Ion:119 Resp: 714976
Ion Ratio Lower Upper
119 100
91 62.1 29.3 87.8
134 27.1 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 100.074 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion:105 Resp: 852527
Ion Ratio Lower Upper
105 100
120 45.8 24.3 72.9

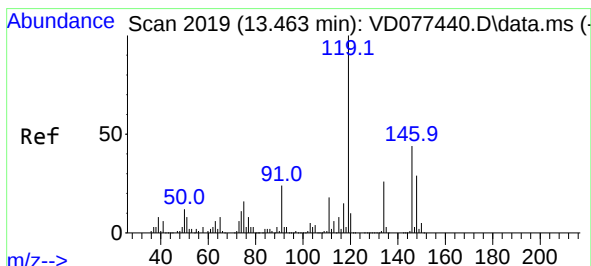
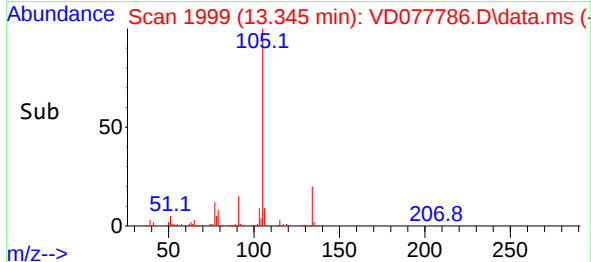
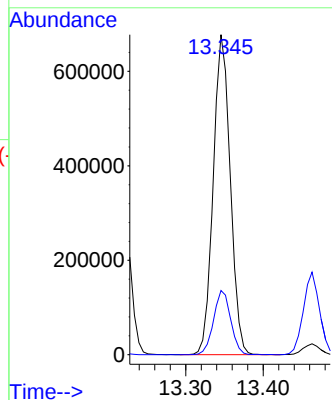
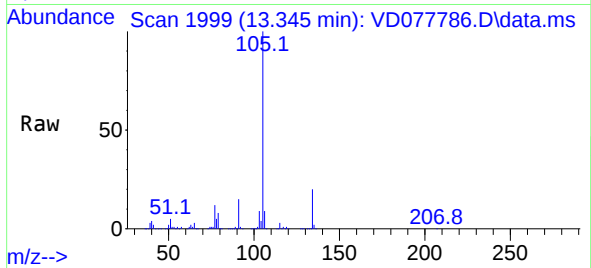




#85
 sec-Butylbenzene
 Concen: 97.466 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077786.D
 Acq: 08 Dec 2023 11:28

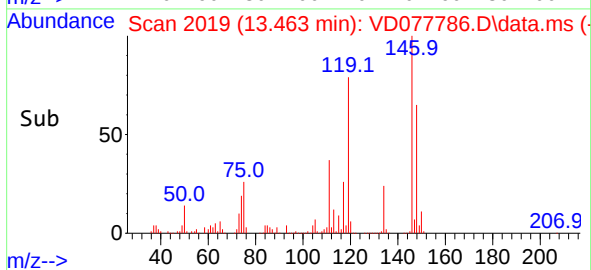
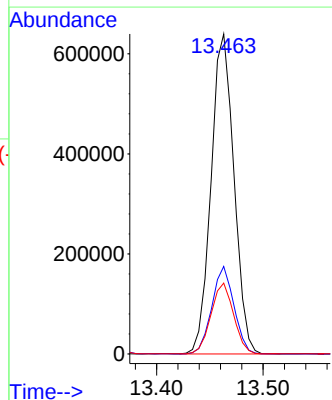
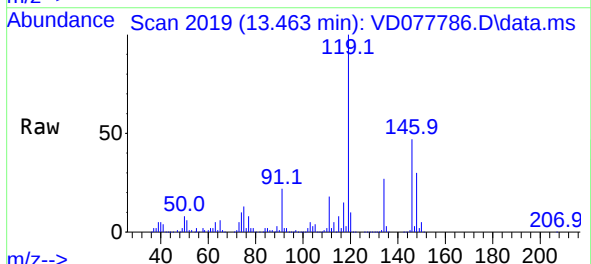
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

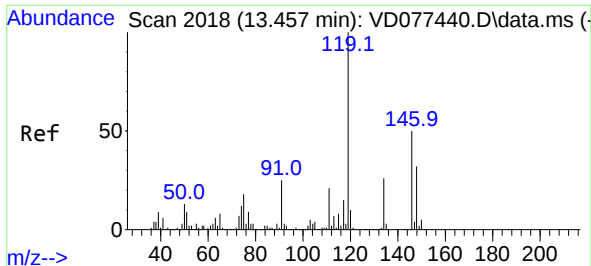
Tgt Ion:105 Resp: 1036344
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 100.133 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077786.D
 Acq: 08 Dec 2023 11:28

Tgt Ion:119 Resp: 952486
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 21.9 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 97.716 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD077786.D

Acq: 08 Dec 2023 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

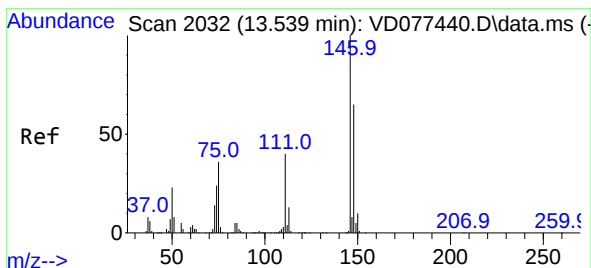
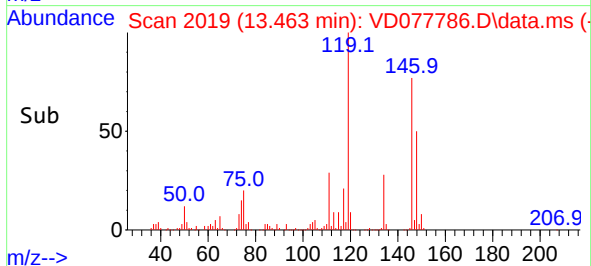
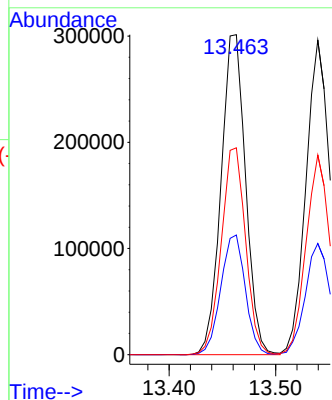
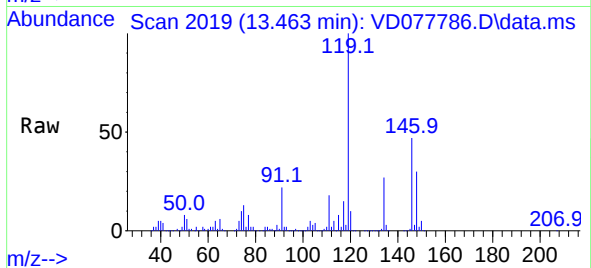
Tgt Ion:146 Resp: 482541

Ion Ratio Lower Upper

146 100

111 37.4 17.9 53.8

148 64.1 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 96.529 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD077786.D

Acq: 08 Dec 2023 11:28

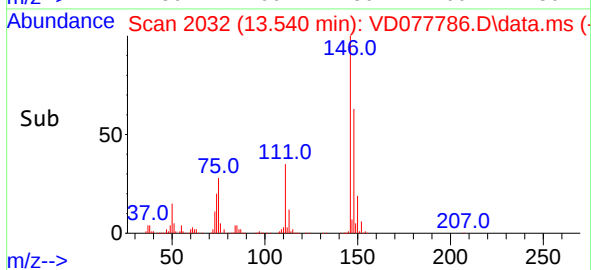
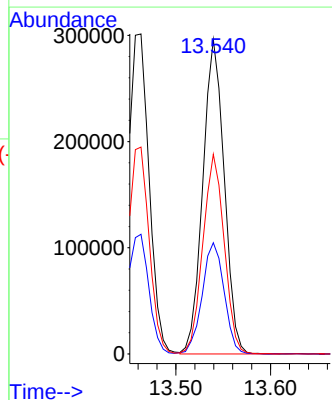
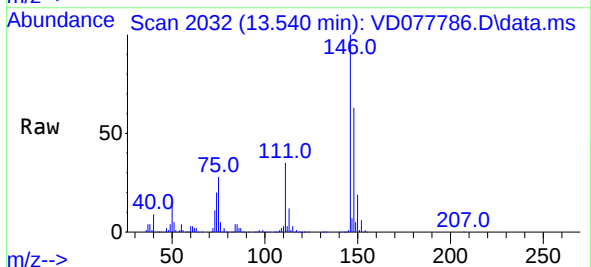
Tgt Ion:146 Resp: 464756

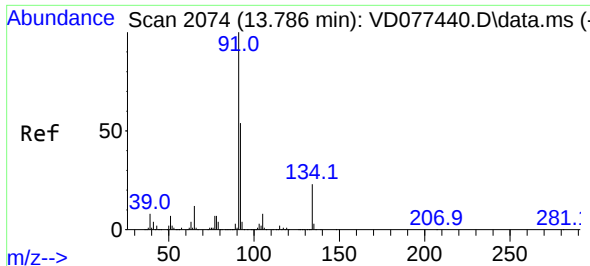
Ion Ratio Lower Upper

146 100

111 36.3 17.4 52.3

148 63.3 31.7 95.1

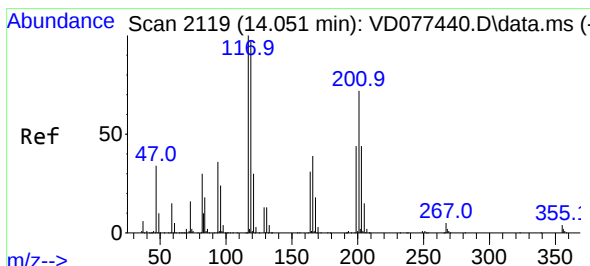
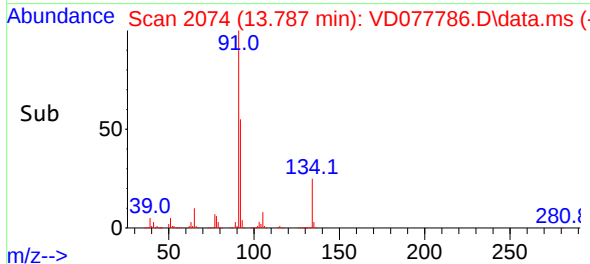
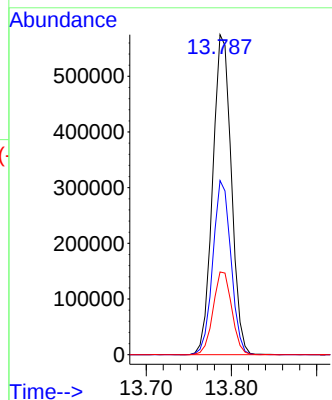
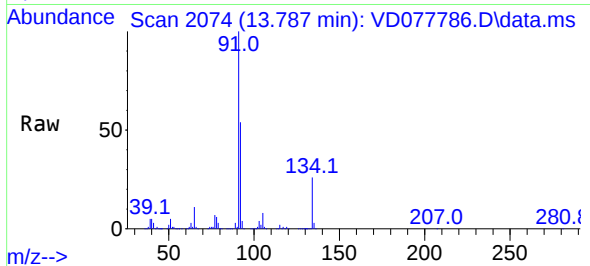




#89
n-Butylbenzene
Concen: 97.505 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

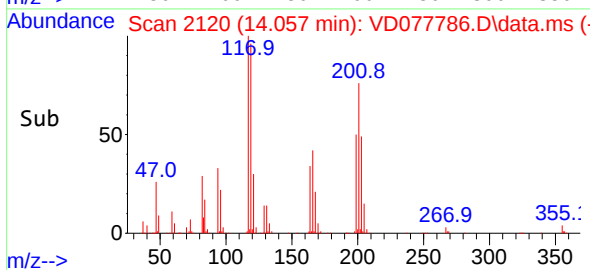
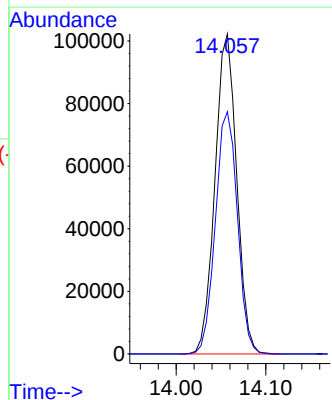
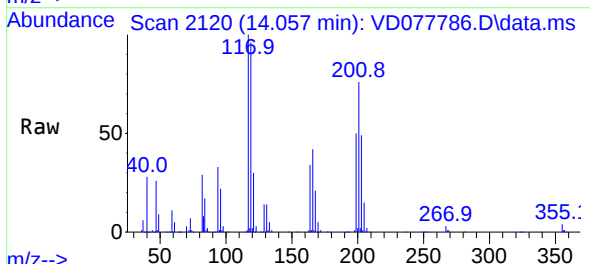
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

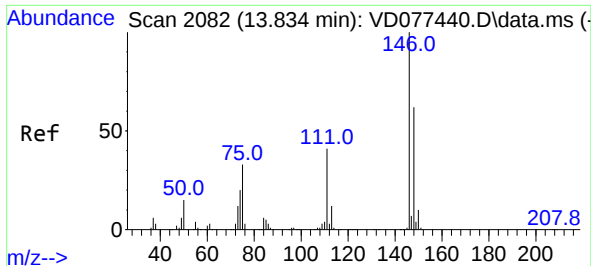
Tgt Ion: 91 Resp: 872362
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 25.9 13.8 41.3



#90
Hexachloroethane
Concen: 97.763 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion: 117 Resp: 171956
Ion Ratio Lower Upper
117 100
201 76.8 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 95.316 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077786.D

Acq: 08 Dec 2023 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

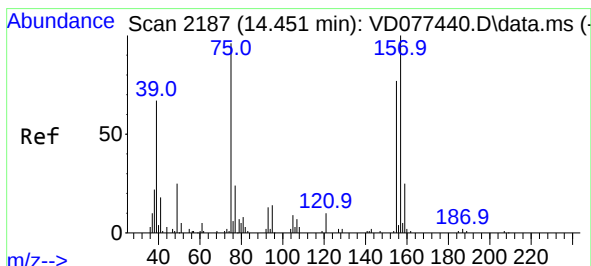
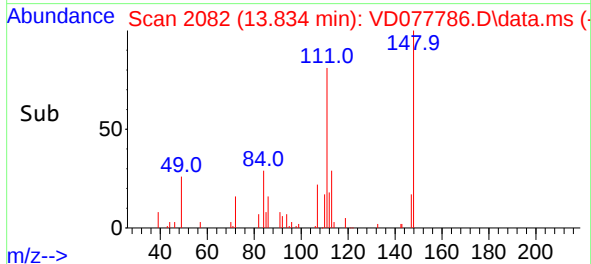
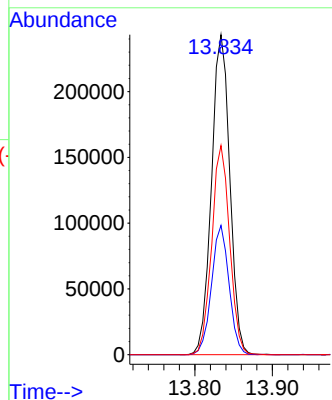
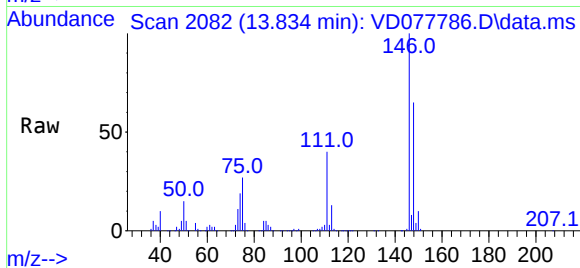
Tgt Ion:146 Resp: 399339

Ion Ratio Lower Upper

146 100

111 38.7 18.3 54.8

148 64.0 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 86.873 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD077786.D

Acq: 08 Dec 2023 11:28

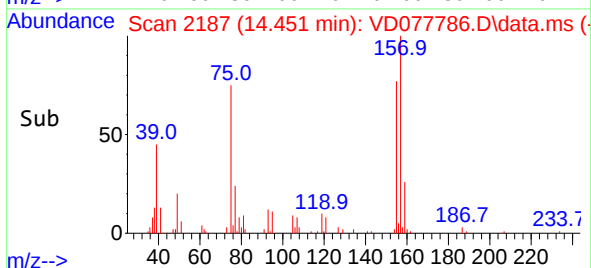
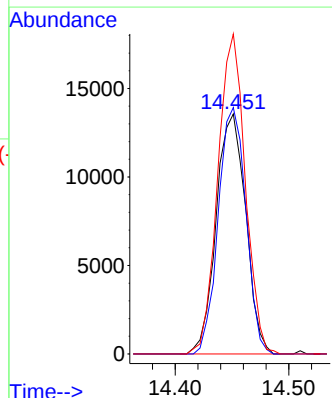
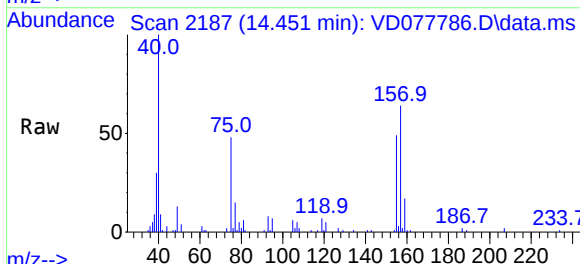
Tgt Ion: 75 Resp: 24495

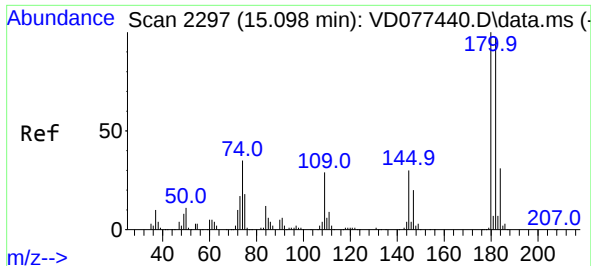
Ion Ratio Lower Upper

75 100

155 95.9 47.9 143.8

157 123.7 59.9 179.7

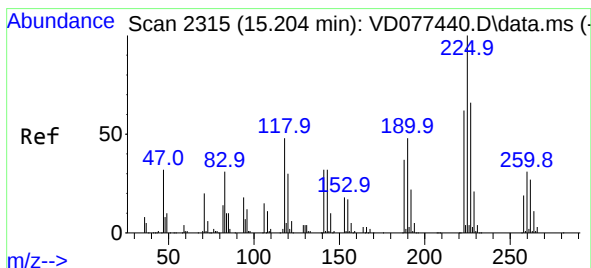
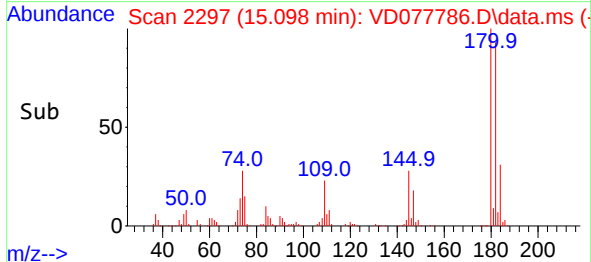
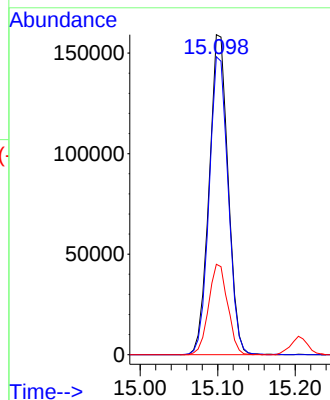
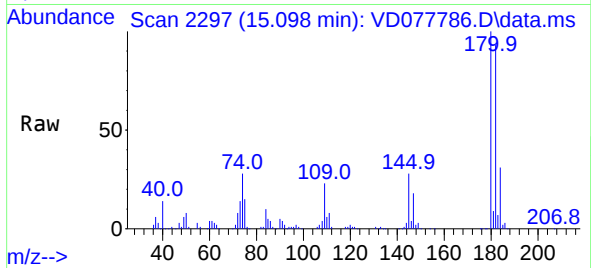




#93
1,2,4-Trichlorobenzene
Concen: 94.985 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

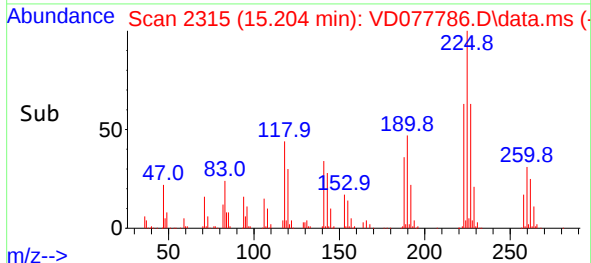
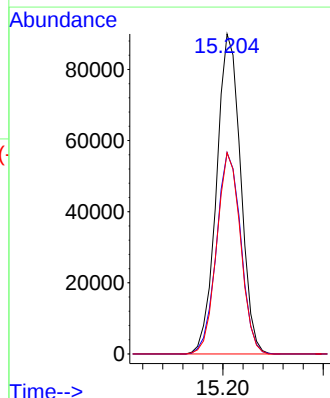
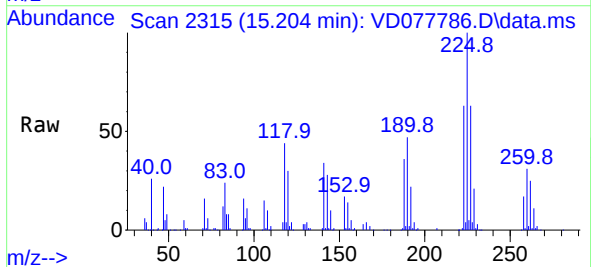
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

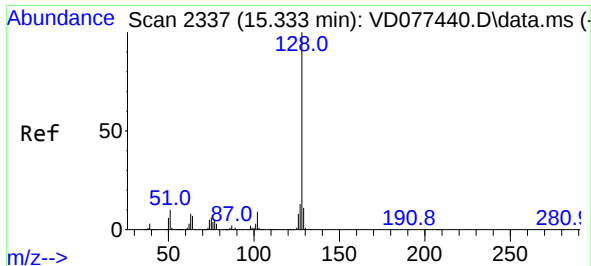
Tgt Ion:180 Resp: 270273
Ion Ratio Lower Upper
180 100
182 93.2 48.5 145.6
145 28.4 14.2 42.6



#94
Hexachlorobutadiene
Concen: 97.885 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion:225 Resp: 149590
Ion Ratio Lower Upper
225 100
223 63.7 31.6 94.8
227 62.3 31.7 95.1

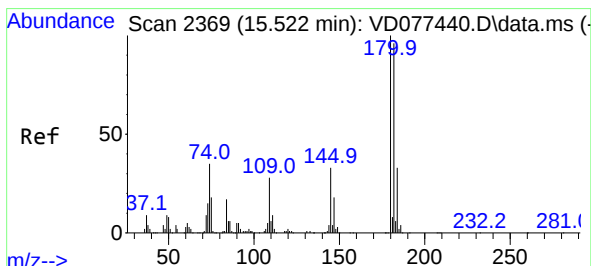
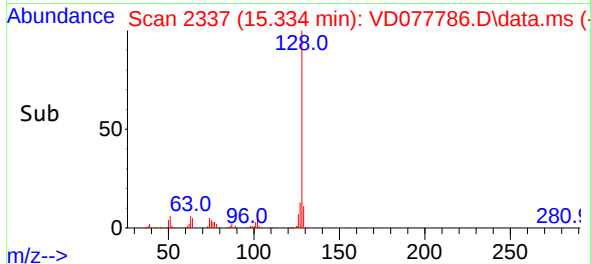
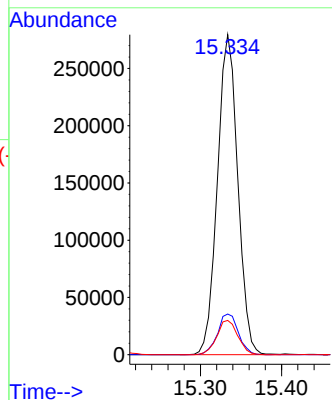
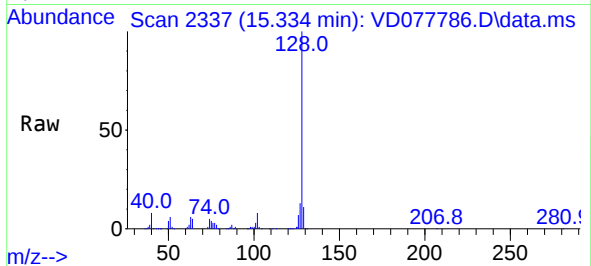




#95
Naphthalene
Concen: 103.425 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 488159
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 101.299 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077786.D
Acq: 08 Dec 2023 11:28

Tgt Ion:180 Resp: 235375
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.9
145 29.8 15.1 45.3

