

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
 Data File : VD077783.D
 Acq On : 08 Dec 2023 10:08
 Operator : JC/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Dec 08 12:26:04 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	136452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	241457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	215660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	107582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	17353	10.633	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.260%#
35) Dibromofluoromethane	7.810	113	16869	9.785	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.560%#
50) Toluene-d8	10.269	98	65831	9.577	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.160%#
62) 4-Bromofluorobenzene	12.575	95	19113	9.326	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	18.660%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	17475	10.090	ug/l	91
3) Chloromethane	2.152	50	24513	10.598	ug/l	100
4) Vinyl Chloride	2.287	62	32326	10.017	ug/l	96
5) Bromomethane	2.693	94	17978	10.054	ug/l	94
6) Chloroethane	2.846	64	22869	10.468	ug/l	99
7) Trichlorofluoromethane	3.187	101	29108	9.954	ug/l	91
8) Diethyl Ether	3.599	74	8211	10.040	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.975	101	16559	9.841	ug/l	96
10) Methyl Iodide	4.169	142	7126	10.486	ug/l #	86
11) Tert butyl alcohol	5.046	59	5055	53.769	ug/l #	82
12) 1,1-Dichloroethene	3.952	96	15934	9.574	ug/l #	81
13) Acrolein	3.805	56	9845	55.703	ug/l	96
14) Allyl chloride	4.569	41	22458	9.880	ug/l	88
15) Acrylonitrile	5.258	53	17391	48.802	ug/l	96
16) Acetone	4.022	43	26806	40.155	ug/l #	82
17) Carbon Disulfide	4.275	76	57192	10.199	ug/l	99
18) Methyl Acetate	4.569	43	12826	9.928	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	33096	9.328	ug/l #	88
20) Methylene Chloride	4.805	84	26217	9.901	ug/l	86
21) trans-1,2-Dichloroethene	5.316	96	18796	10.035	ug/l #	88
22) Diisopropyl ether	6.222	45	45636	9.588	ug/l	94
23) Vinyl Acetate	6.158	43	111861	49.432	ug/l #	92
24) 1,1-Dichloroethane	6.116	63	32368	10.055	ug/l	97
25) 2-Butanone	7.075	43	29946	49.809	ug/l #	72
26) 2,2-Dichloropropane	7.081	77	25952	9.598	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	19673	9.714	ug/l	85
28) Bromochloromethane	7.428	49	12979	9.962	ug/l	81
29) Tetrahydrofuran	7.446	42	12673	48.410	ug/l #	87
30) Chloroform	7.599	83	32349	9.925	ug/l	93
31) Cyclohexane	7.881	56	28818	10.003	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	27421	9.662	ug/l	99
36) 1,1-Dichloropropene	8.016	75	26707	9.802	ug/l	92
37) Ethyl Acetate	7.175	43	8885	7.946	ug/l #	91
38) Carbon Tetrachloride	7.987	117	25234	9.233	ug/l	97
39) Methylcyclohexane	9.275	83	29964	9.249	ug/l #	91
40) Benzene	8.257	78	75279	9.687	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	4960	8.925	ug/l #	80
42) 1,2-Dichloroethane	8.328	62	18793	9.312	ug/l	96
43) Isopropyl Acetate	8.363	43	17634	9.265	ug/l #	77
44) Trichloroethene	9.028	130	19398	9.559	ug/l	95
45) 1,2-Dichloropropane	9.304	63	16810	8.823	ug/l	94
46) Dibromomethane	9.399	93	9671	9.663	ug/l	90
47) Bromodichloromethane	9.587	83	24490	9.638	ug/l	97
48) Methyl methacrylate	9.381	41	10578	9.736	ug/l #	78
49) 1,4-Dioxane	9.393	88	2084	207.753	ug/l #	77
51) 4-Methyl-2-Pentanone	10.163	43	44509	45.679	ug/l	88
52) Toluene	10.334	92	43381	8.992	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	21836	8.957	ug/l	96
54) cis-1,3-Dichloropropene	10.022	75	26831	9.096	ug/l #	82
55) 1,1,2-Trichloroethane	10.740	97	13497	9.796	ug/l #	92
56) Ethyl methacrylate	10.599	69	10708	8.834	ug/l #	81
57) 1,3-Dichloropropane	10.881	76	22400	9.468	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	32575	47.366	ug/l	93
59) 2-Hexanone	10.922	43	42932	45.387	ug/l	88
60) Dibromochloromethane	11.075	129	14514	8.718	ug/l	86
61) 1,2-Dibromoethane	11.181	107	12944	9.934	ug/l	90
64) Tetrachloroethene	10.810	164	15093	9.429	ug/l	97
65) Chlorobenzene	11.610	112	57793	9.406	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	17403	9.579	ug/l	94
67) Ethyl Benzene	11.687	91	83036	9.188	ug/l	93
68) m/p-Xylenes	11.793	106	62798	18.109	ug/l	91
69) o-Xylene	12.122	106	29037	9.077	ug/l	99
70) Styrene	12.140	104	41584	8.770	ug/l	92
71) Bromoform	12.304	173	8597	9.082	ug/l #	97
73) Isopropylbenzene	12.422	105	75026	9.135	ug/l	95
74) N-amyl acetate	12.234	43	15895	9.812	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.675	83	14972	10.377	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	17585	18.932	ug/l #	100
77) Bromobenzene	12.698	156	18933	9.794	ug/l	90
78) n-propylbenzene	12.763	91	93167	9.373	ug/l	96
79) 2-Chlorotoluene	12.851	91	50236	9.402	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	61521	8.972	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	4459	9.715	ug/l	90
82) 4-Chlorotoluene	12.951	91	54156	9.732	ug/l	95
83) tert-Butylbenzene	13.169	119	53859	9.331	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	61644	9.031	ug/l	98
85) sec-Butylbenzene	13.345	105	78470	9.211	ug/l	96
86) p-Isopropyltoluene	13.463	119	66016	8.662	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	36483	9.221	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	41618	9.033	ug/l	90
89) n-Butylbenzene	13.792	91	64646	9.018	ug/l	98
90) Hexachloroethane	14.057	117	12778	9.067	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	32186	9.588	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	2131	9.433	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	20684	9.073	ug/l	97
94) Hexachlorobutadiene	15.204	225	10962	8.953	ug/l	96
95) Naphthalene	15.334	128	33700	8.911	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	17362	9.326	ug/l	95

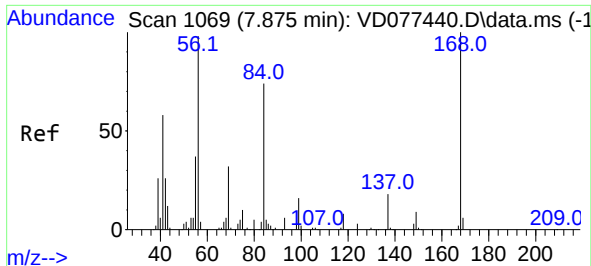
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Response via : Initial Calibration

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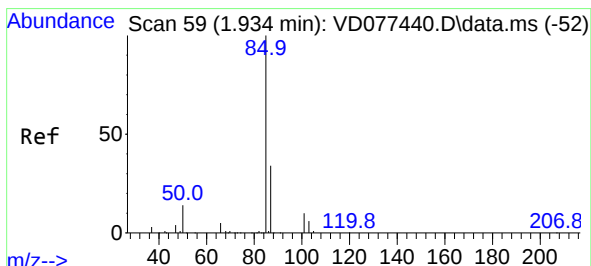
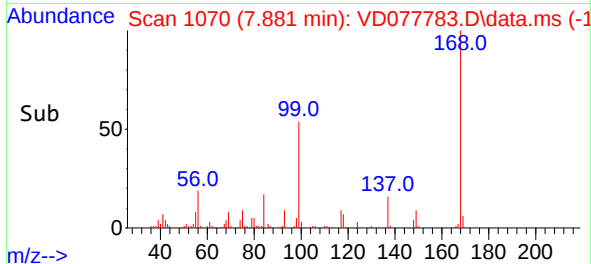
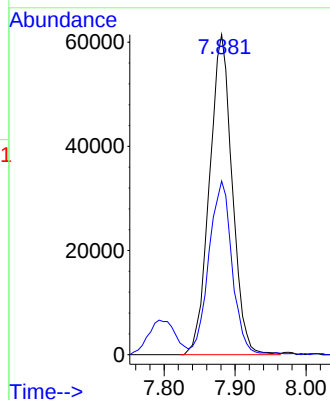
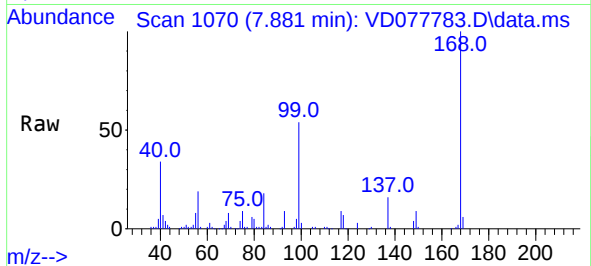
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

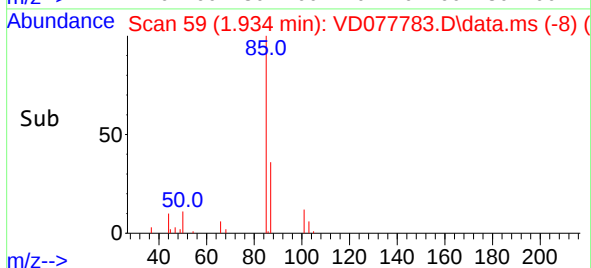
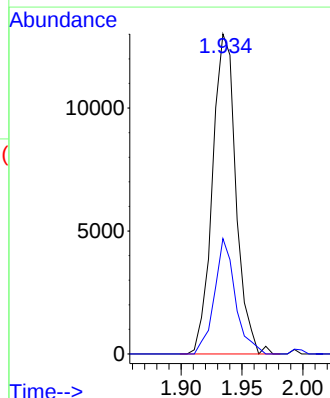
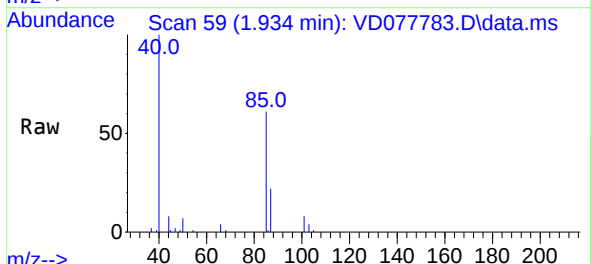
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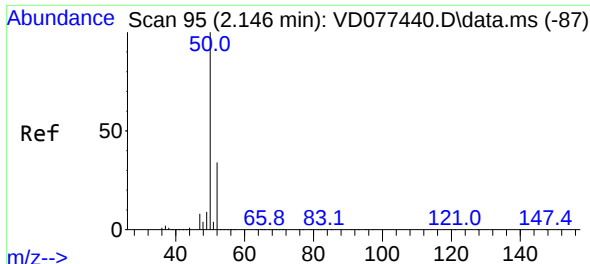
Tgt Ion:168 Resp: 136452
Ion Ratio Lower Upper
168 100
99 53.8 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 10.090 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 85 Resp: 17475
Ion Ratio Lower Upper
85 100
87 36.0 15.7 47.0

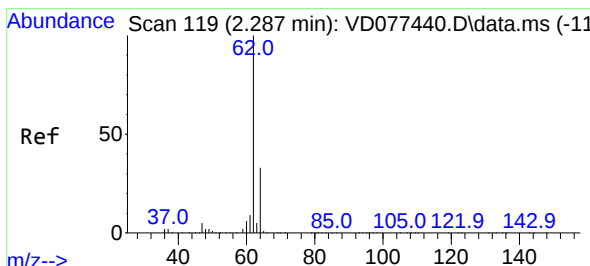
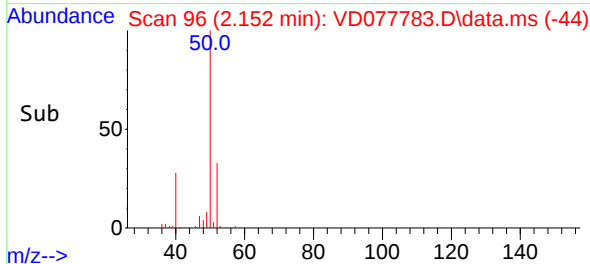
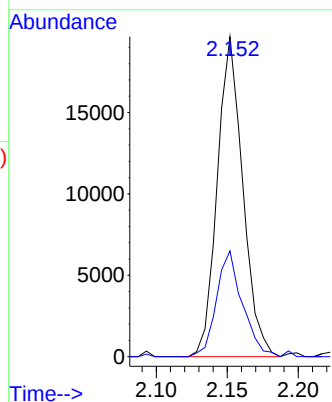
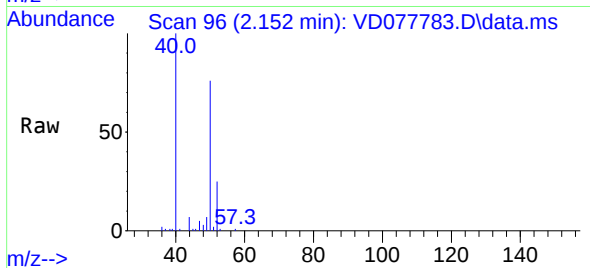




#3
Chloromethane
Concen: 10.598 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

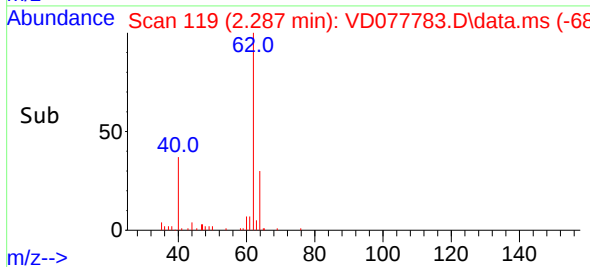
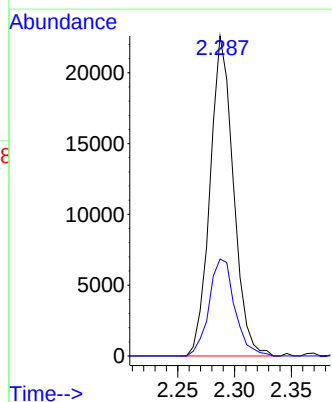
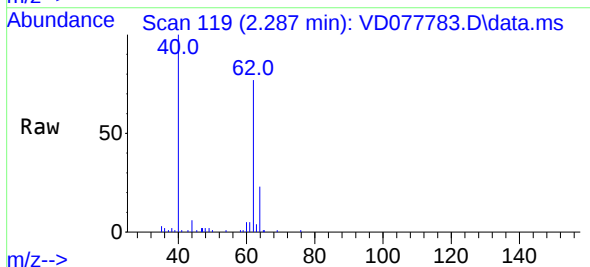
Instrument :
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ClientSampleId :
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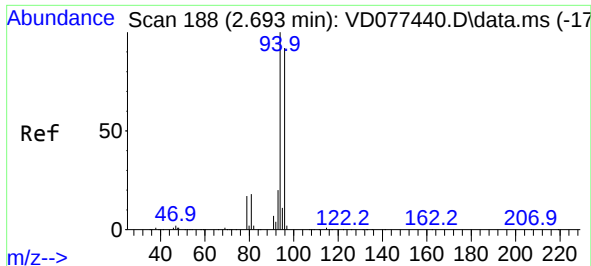
Tgt Ion: 50 Resp: 24513
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0



#4
Vinyl Chloride
Concen: 10.017 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 62 Resp: 32326
Ion Ratio Lower Upper
62 100
64 30.3 26.0 39.0

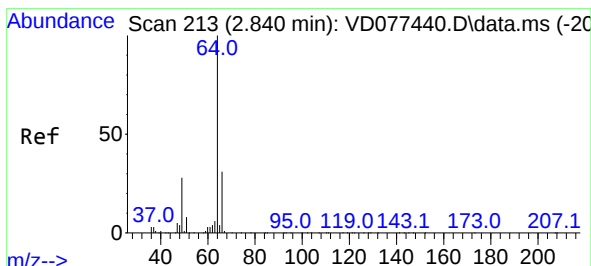
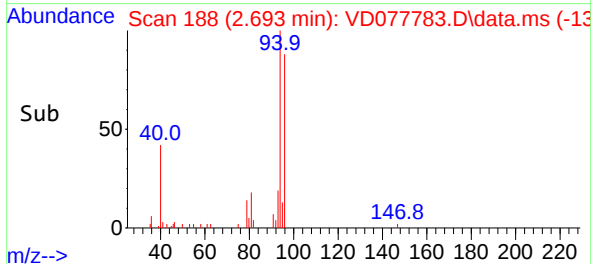
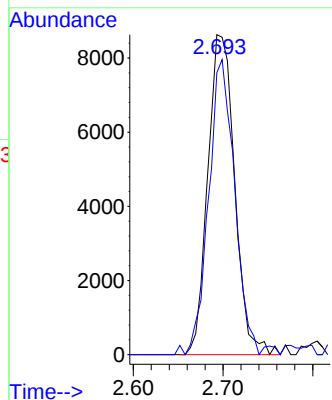
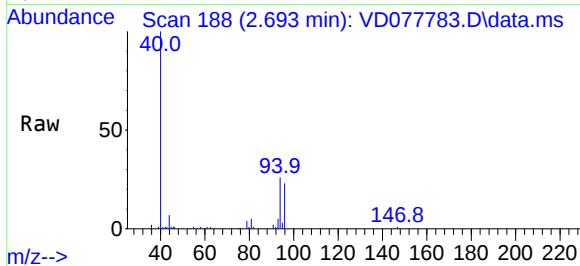




#5
Bromomethane
Concen: 10.054 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

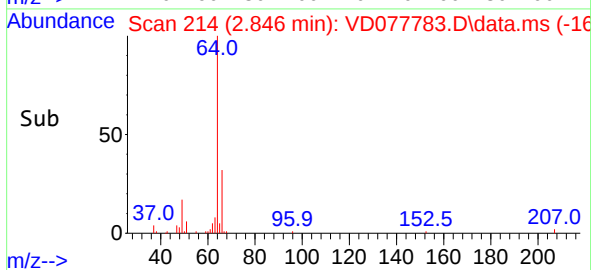
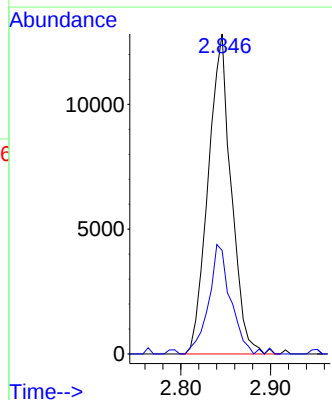
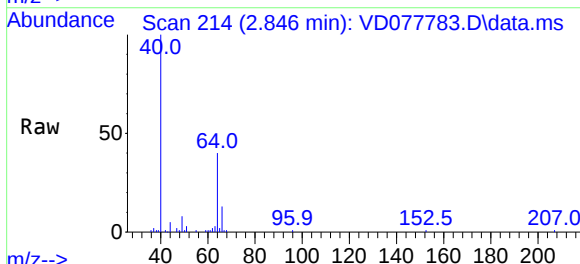
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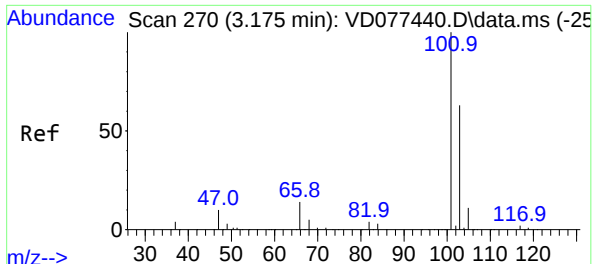
Tgt Ion: 94 Resp: 17978
Ion Ratio Lower Upper
94 100
96 89.4 75.8 113.8



#6
Chloroethane
Concen: 10.468 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 64 Resp: 22869
Ion Ratio Lower Upper
64 100
66 32.4 25.5 38.3

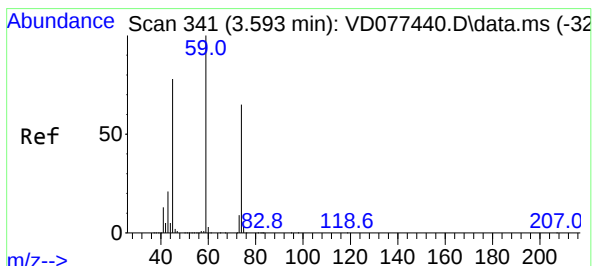
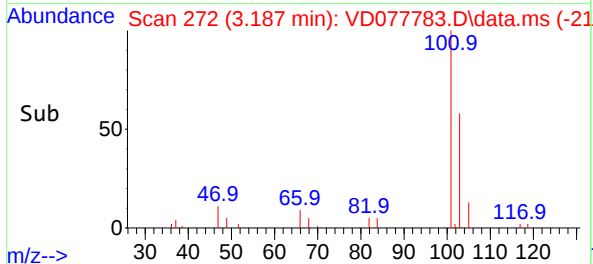
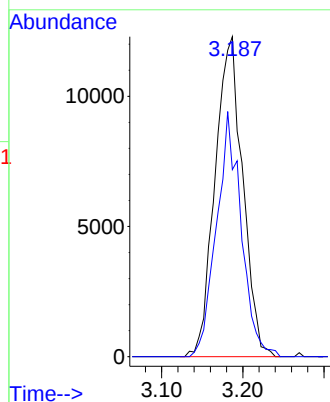
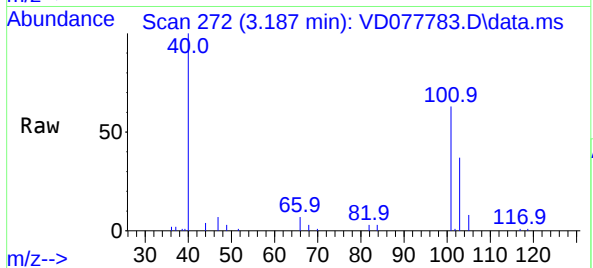




#7
Trichlorofluoromethane
Concen: 9.954 ug/l
RT: 3.187 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

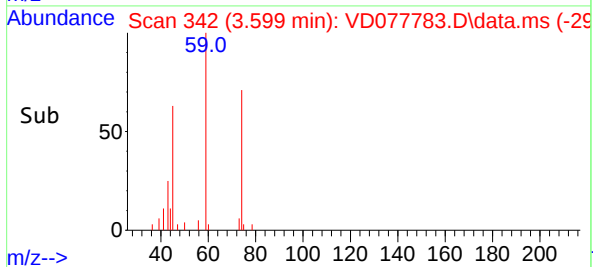
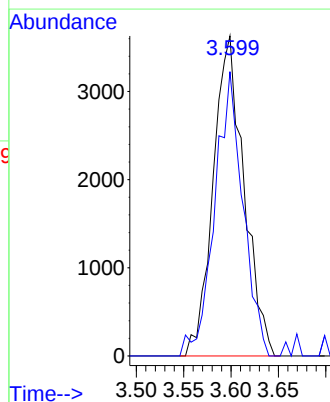
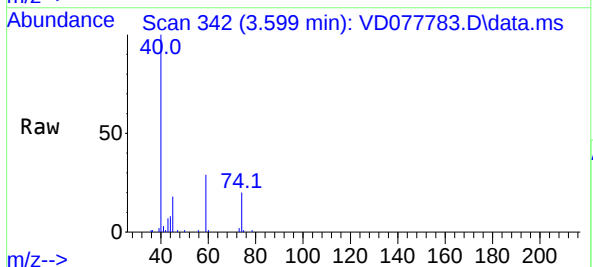
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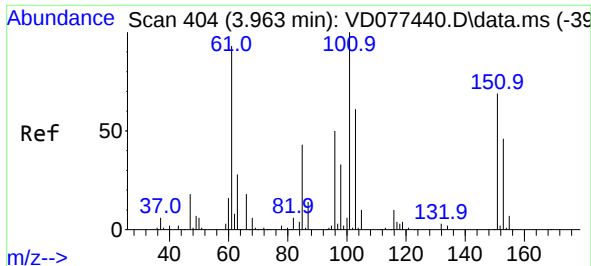
Tgt Ion:101 Resp: 29108
Ion Ratio Lower Upper
101 100
103 58.5 52.3 78.5



#8
Diethyl Ether
Concen: 10.040 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 74 Resp: 8211
Ion Ratio Lower Upper
74 100
45 81.4 37.5 112.7

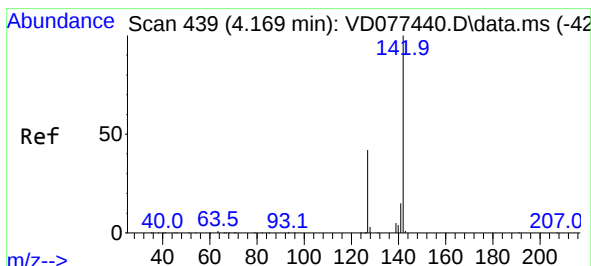
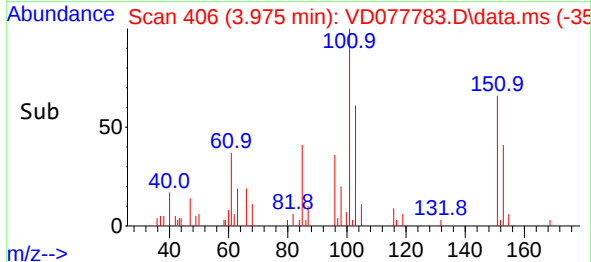
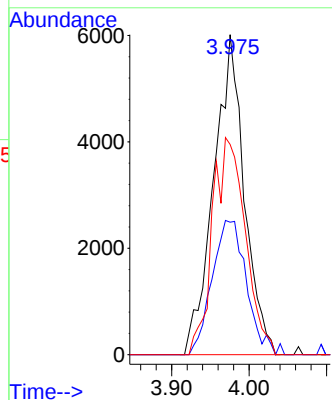
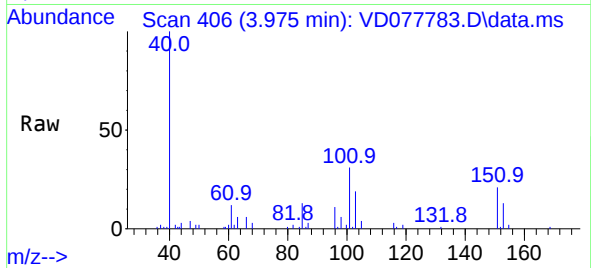




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.841 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077783.D
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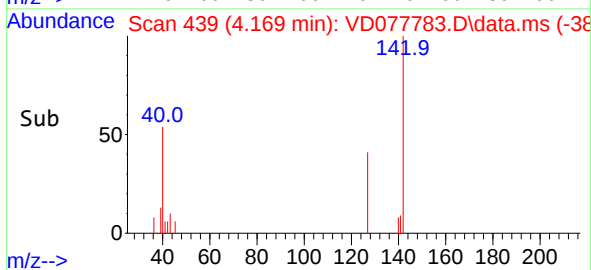
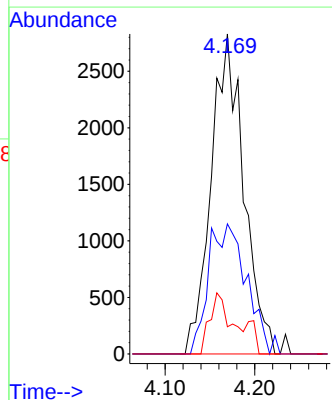
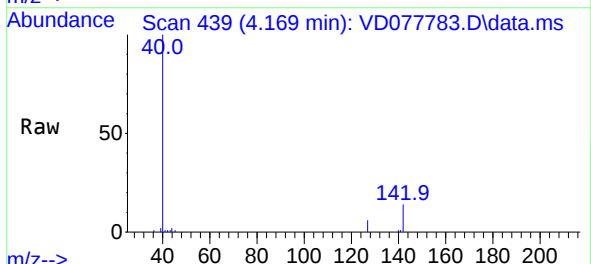
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

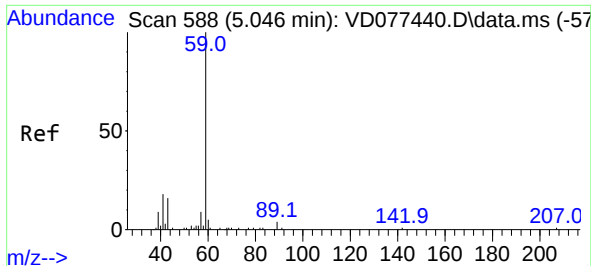
Tgt Ion:101 Resp: 16559
Ion Ratio Lower Upper
101 100
85 47.3 33.8 50.6
151 73.0 59.8 89.6



#10
Methyl Iodide
Concen: 10.486 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion:142 Resp: 7126
Ion Ratio Lower Upper
142 100
127 47.6 29.4 44.0#
141 12.6 11.1 16.7

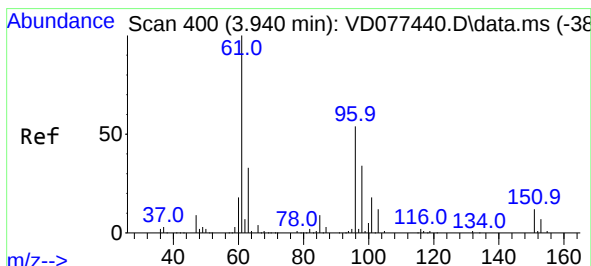
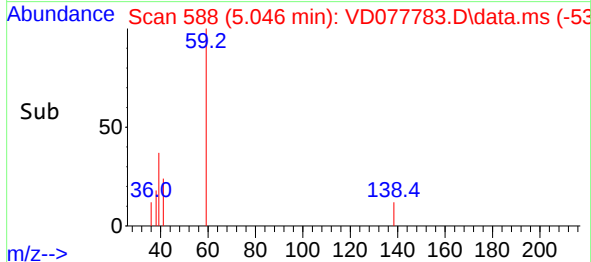
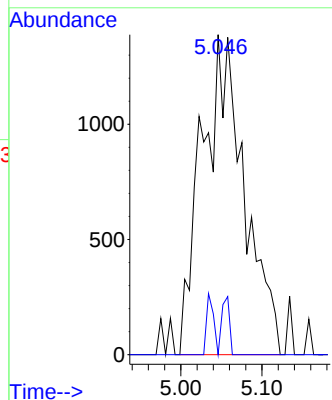
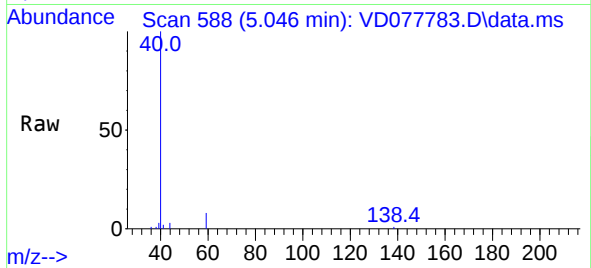




#11
Tert butyl alcohol
Concen: 53.769 ug/l
RT: 5.046 min Scan# 5055
Delta R.T. -0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

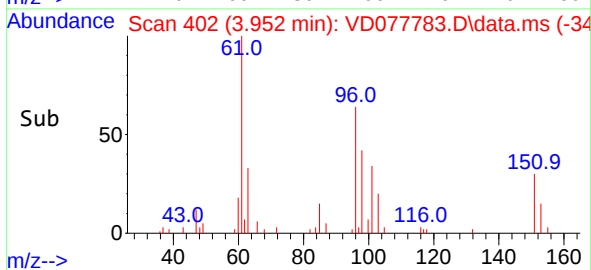
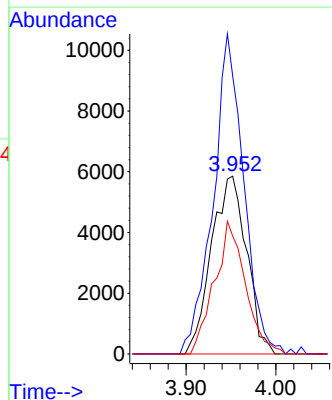
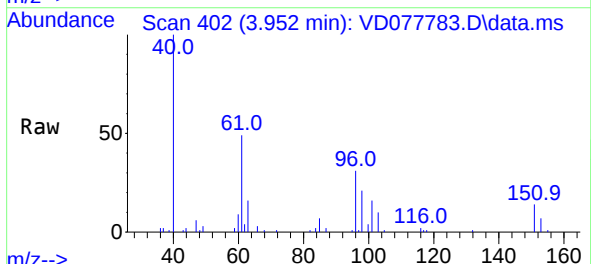
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

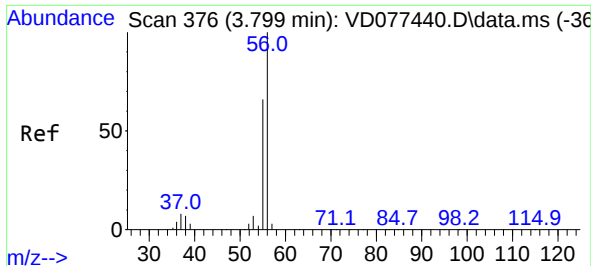
Tgt Ion: 59 Resp: 5055
Ion Ratio Lower Upper
59 100
57 3.3 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 9.574 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 96 Resp: 15934
Ion Ratio Lower Upper
96 100
61 156.4 100.6 150.8#
98 66.3 50.2 75.2

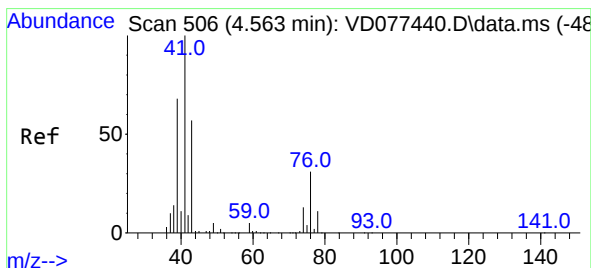
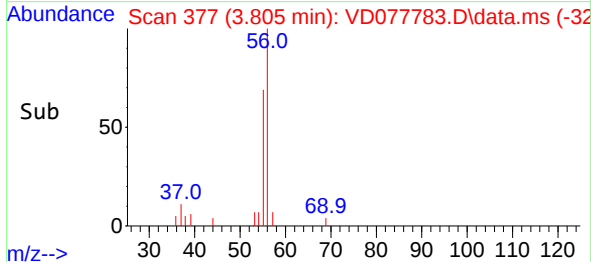
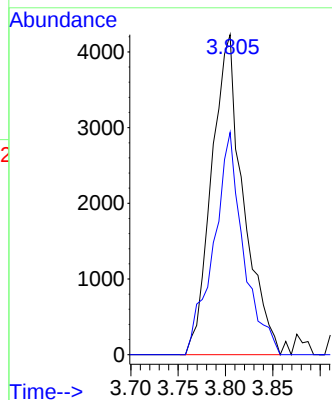
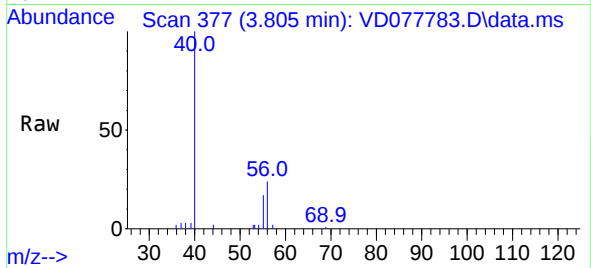




#13
Acrolein
Concen: 55.703 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

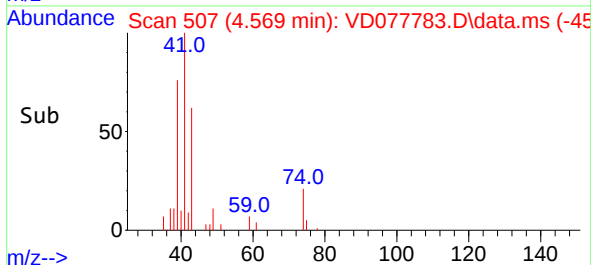
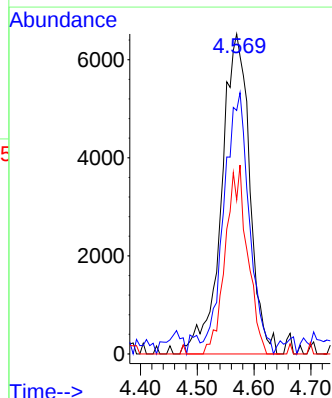
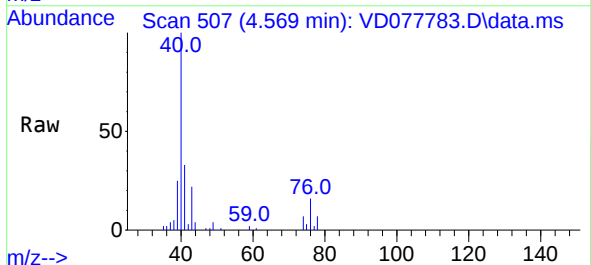
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

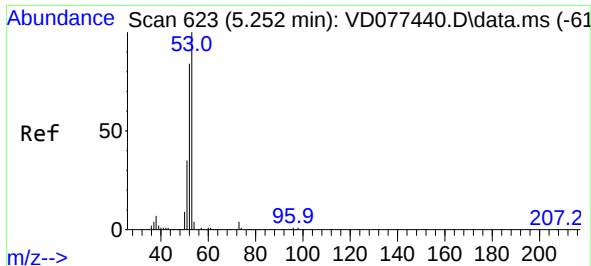
Tgt Ion: 56 Resp: 9845
Ion Ratio Lower Upper
56 100
55 65.3 55.1 82.7



#14
Allyl chloride
Concen: 9.880 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 41 Resp: 22458
Ion Ratio Lower Upper
41 100
39 74.0 53.8 80.6
76 46.1 45.8 68.8

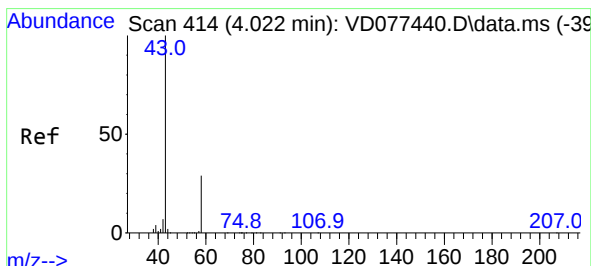
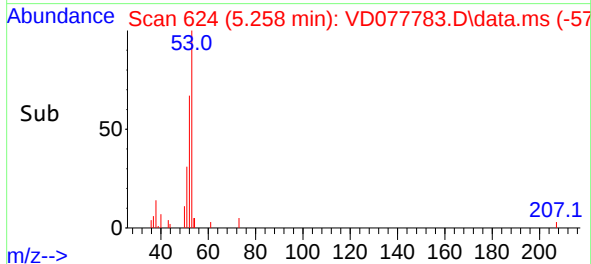
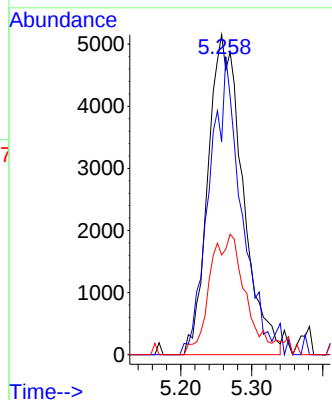
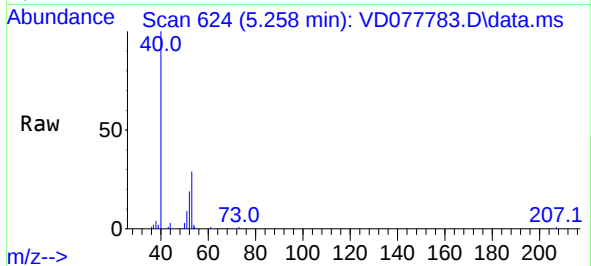




#15
Acrylonitrile
Concen: 48.802 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

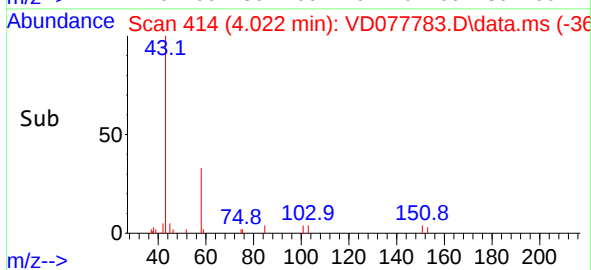
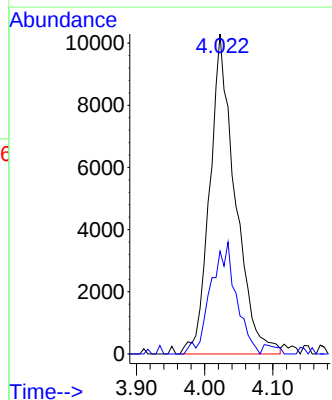
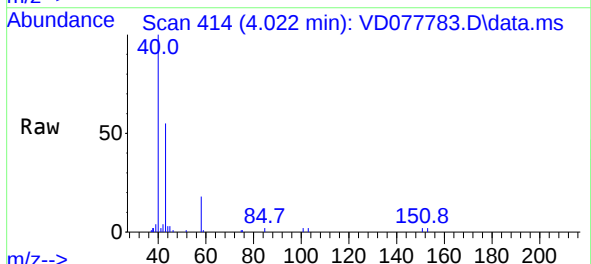
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

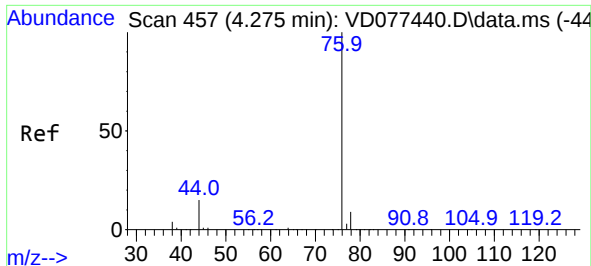
Tgt Ion: 53 Resp: 17391
Ion Ratio Lower Upper
53 100
52 85.0 65.0 97.4
51 38.2 28.3 42.5



#16
Acetone
Concen: 40.155 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 43 Resp: 26806
Ion Ratio Lower Upper
43 100
58 32.1 34.7 52.1#

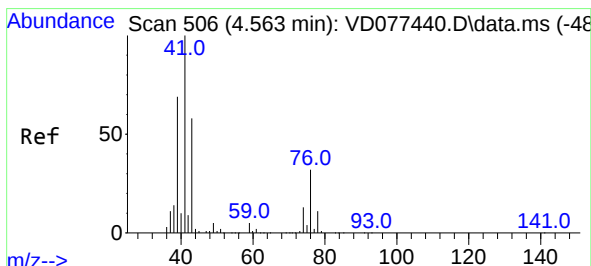
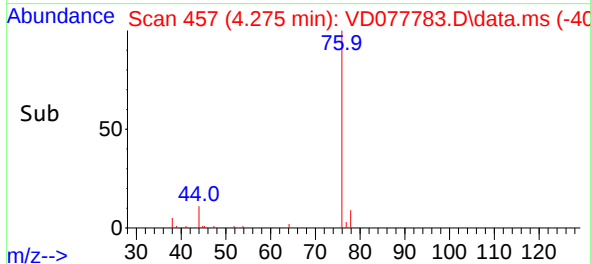
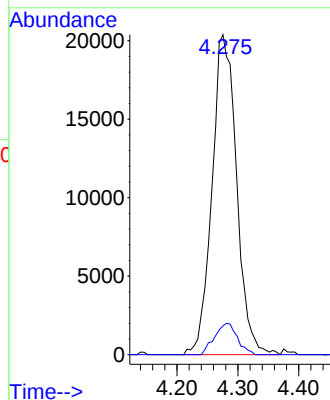
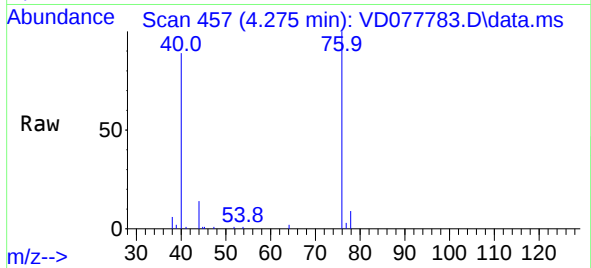




#17
Carbon Disulfide
Concen: 10.199 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

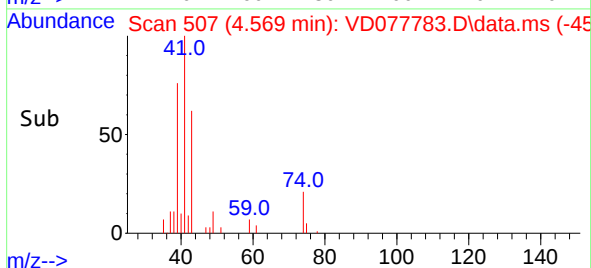
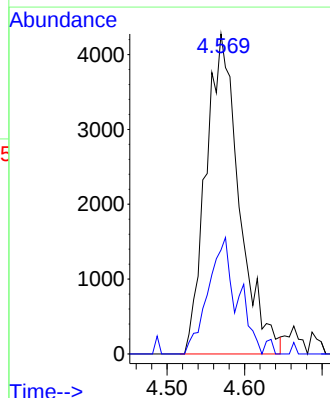
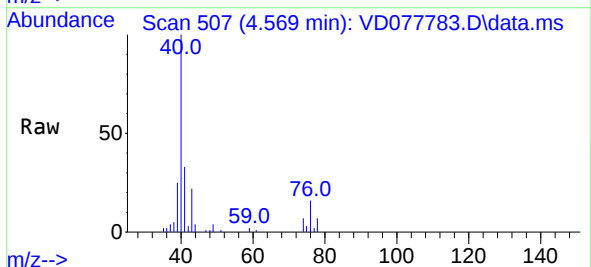
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

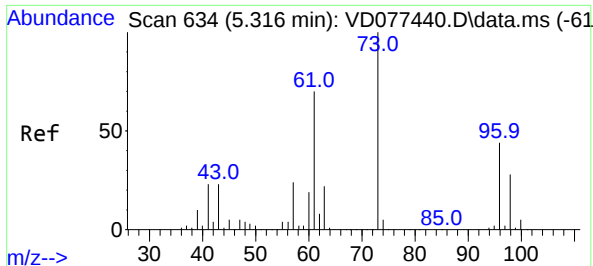
Tgt Ion: 76 Resp: 57192
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 9.928 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 43 Resp: 12826
Ion Ratio Lower Upper
43 100
74 31.6 26.4 39.6

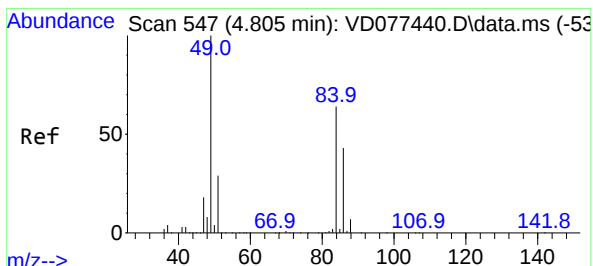
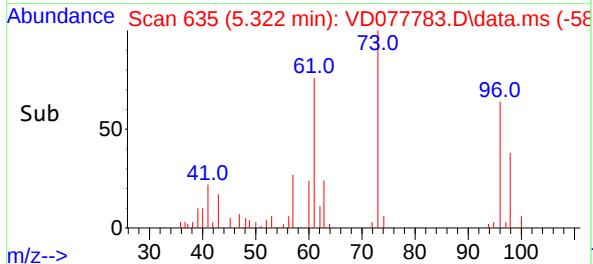
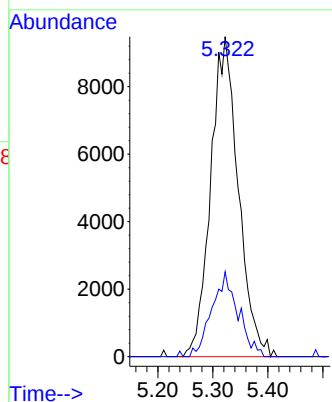
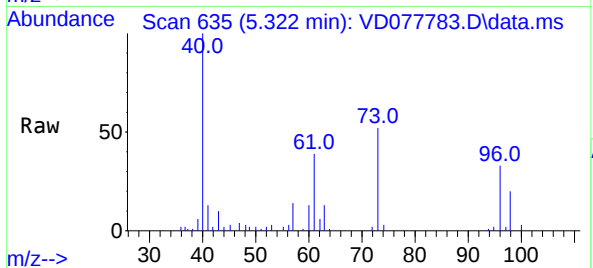




#19
Methyl tert-butyl Ether
Concen: 9.328 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

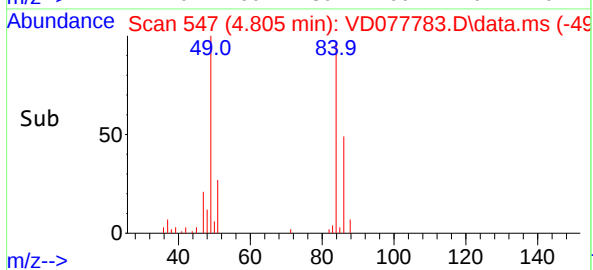
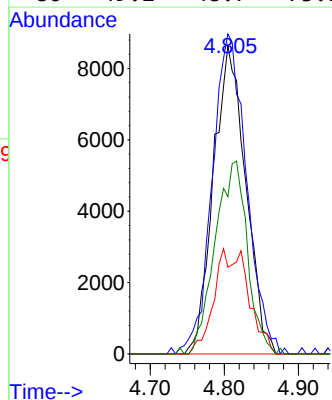
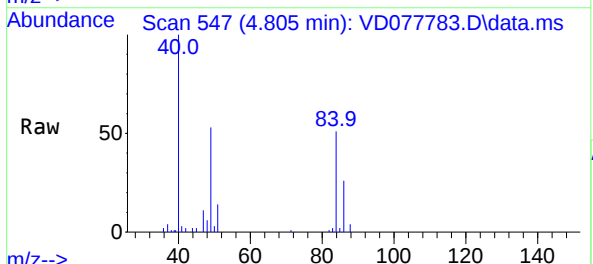
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

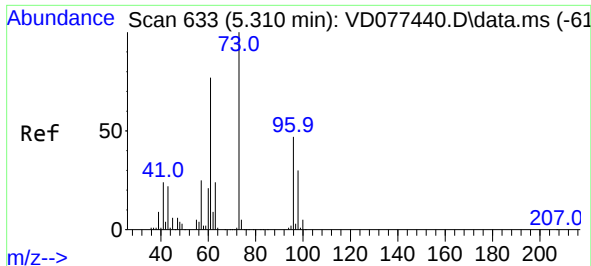
Tgt Ion: 73 Resp: 33096
Ion Ratio Lower Upper
73 100
57 26.6 16.6 25.0#



#20
Methylene Chloride
Concen: 9.901 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 84 Resp: 26217
Ion Ratio Lower Upper
84 100
49 103.8 71.4 107.2
51 28.1 24.5 36.7
86 49.2 48.7 73.1

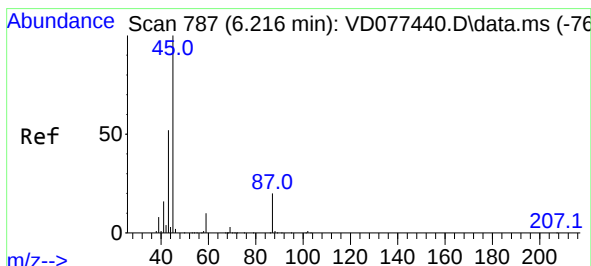
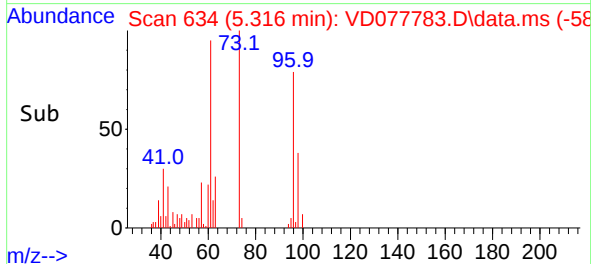
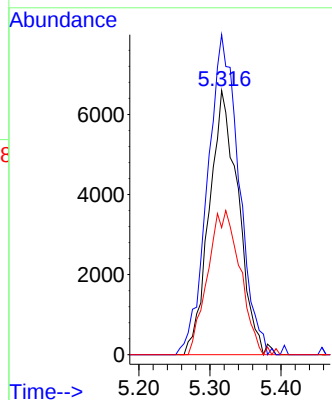
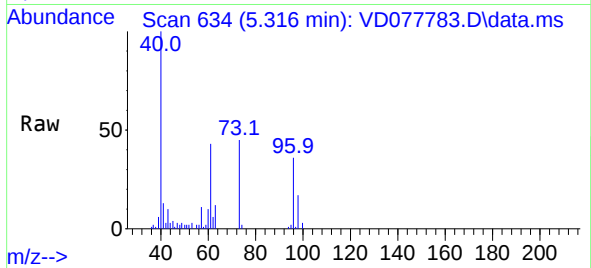




#21
trans-1,2-Dichloroethene
Concen: 10.035 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

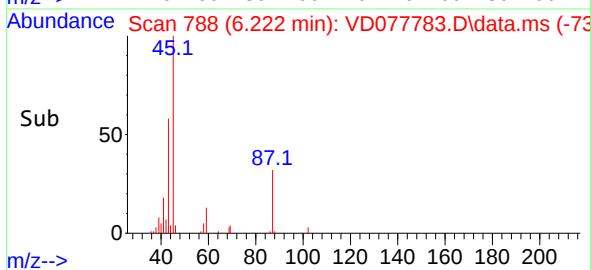
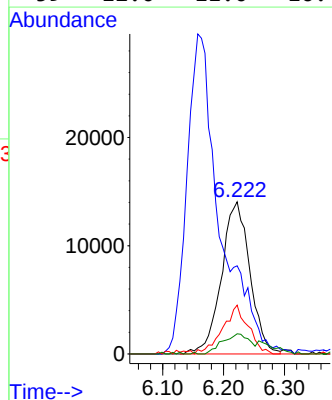
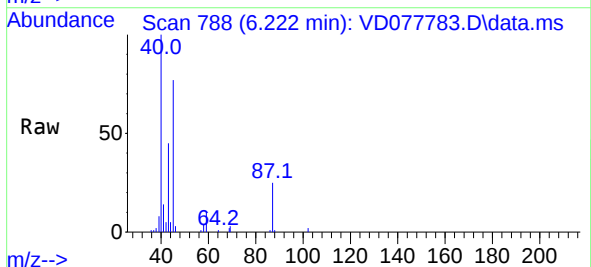
Instrument :
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ClientSampleId :
VSTDICC010

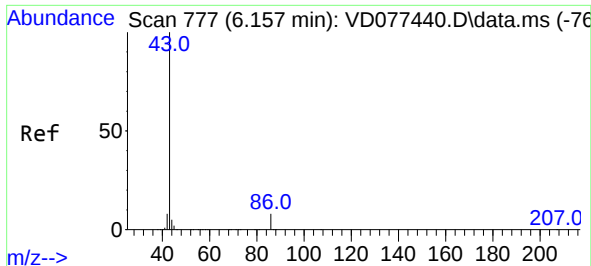
Tgt Ion: 96 Resp: 18796
Ion Ratio Lower Upper
96 100
61 121.1 89.3 133.9
98 48.1 48.6 73.0#



#22
Diisopropyl ether
Concen: 9.588 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 45 Resp: 45636
Ion Ratio Lower Upper
45 100
43 54.8 40.0 60.0
87 32.1 28.2 42.4
59 12.0 11.0 16.4

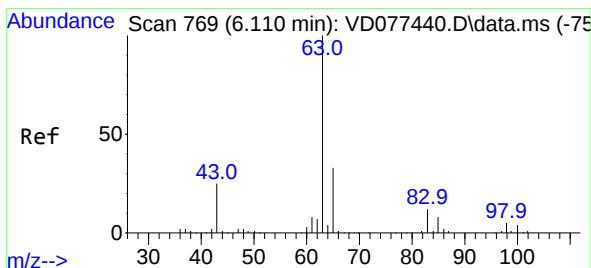
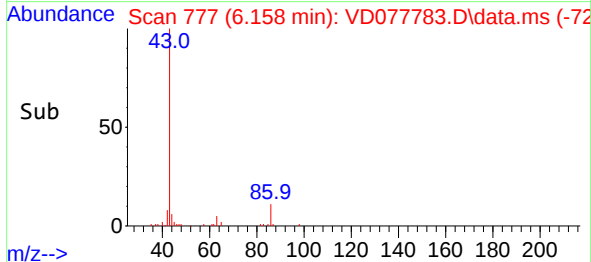
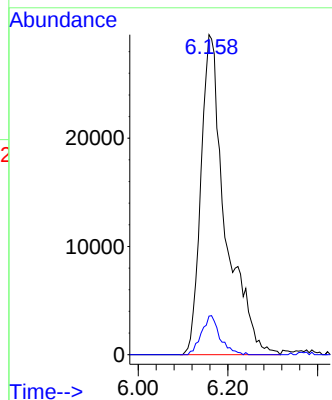
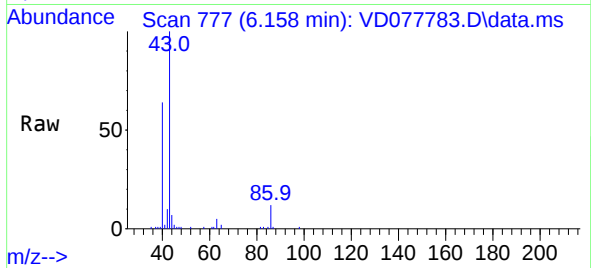




#23
 Vinyl Acetate
 Concen: 49.432 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.001 min
 Lab File: VD077783.D
 Acq: 08 Dec 2023 10:08

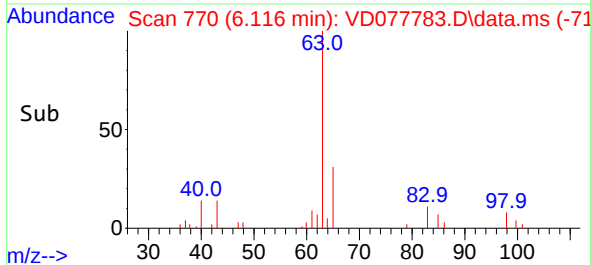
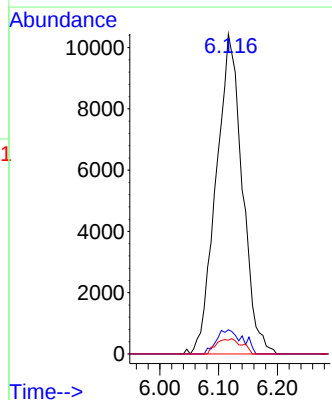
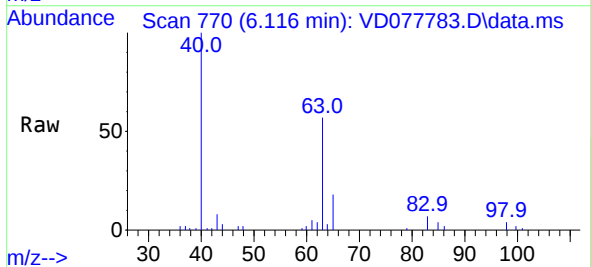
Instrument :
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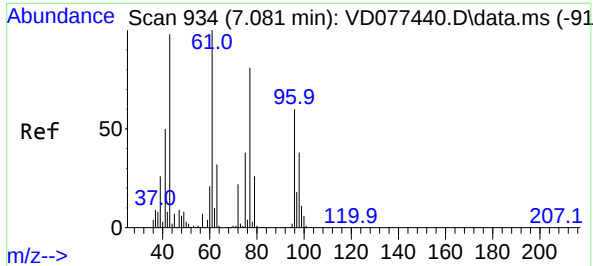
Tgt Ion: 43 Resp: 111861
 Ion Ratio Lower Upper
 43 100
 86 12.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 10.055 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077783.D
 Acq: 08 Dec 2023 10:08

Tgt Ion: 63 Resp: 32368
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.5 13.7
 100 4.3 2.5 7.5

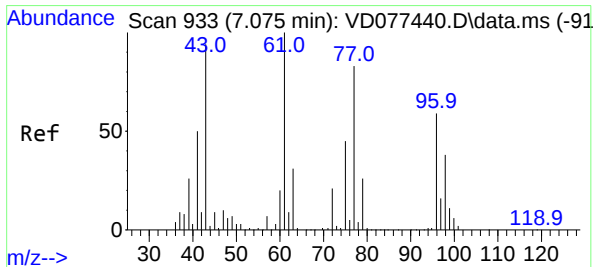
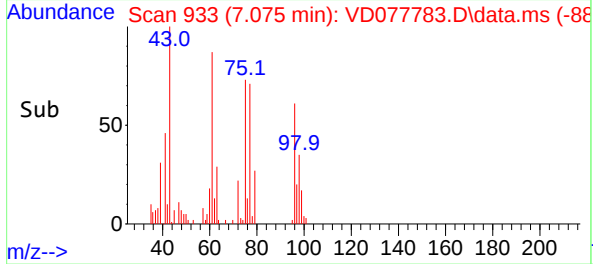
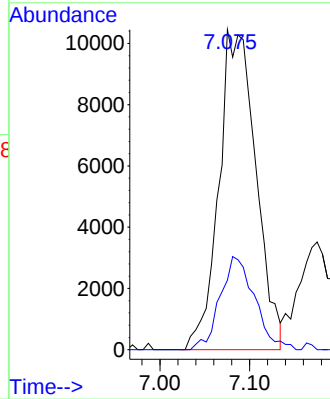
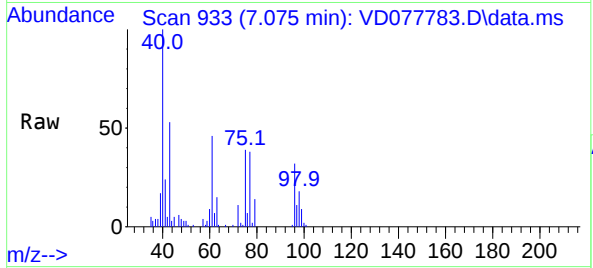




#25
2-Butanone
Concen: 49.809 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

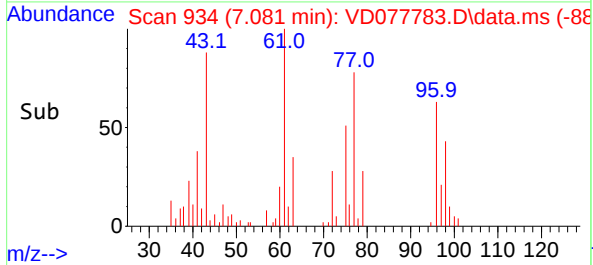
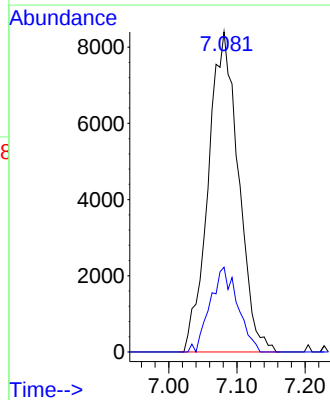
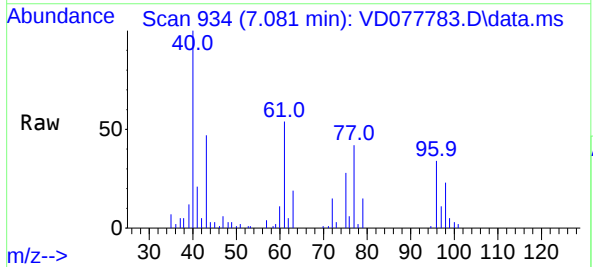
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

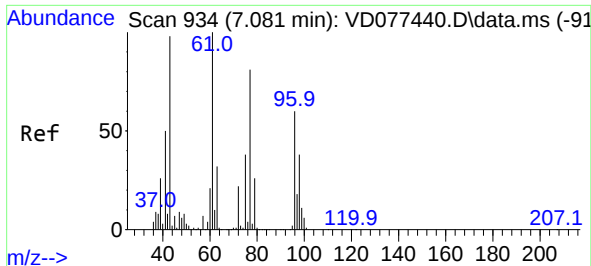
Tgt Ion: 43 Resp: 29946
Ion Ratio Lower Upper
43 100
72 21.7 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 9.598 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 77 Resp: 25952
Ion Ratio Lower Upper
77 100
97 24.1 13.2 39.6

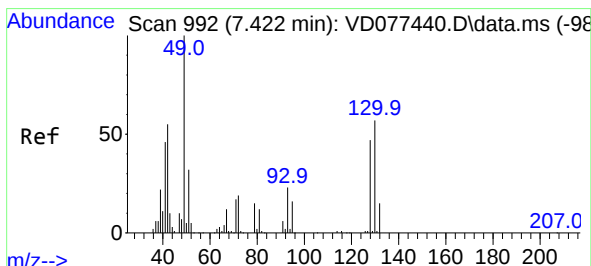
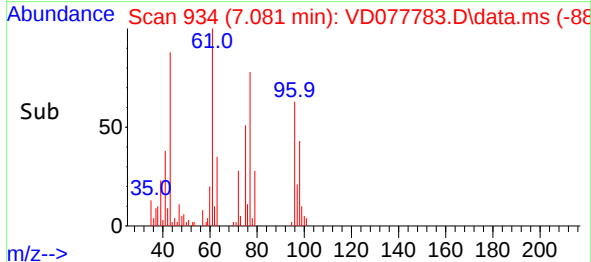
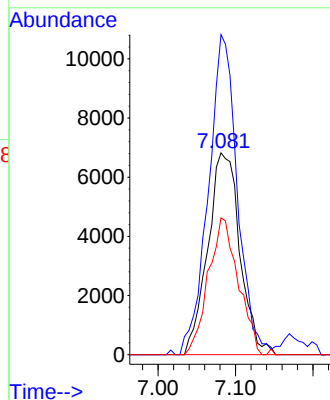
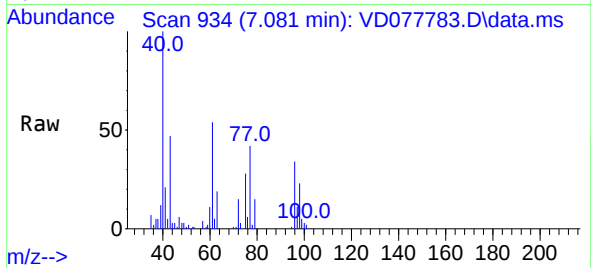




#27
cis-1,2-Dichloroethene
Concen: 9.714 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

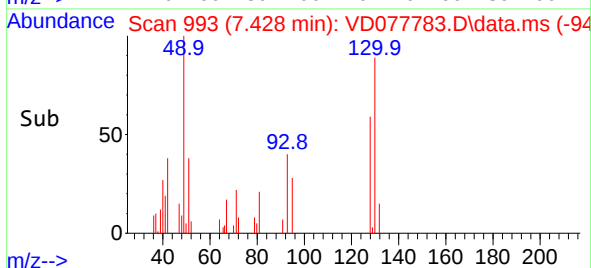
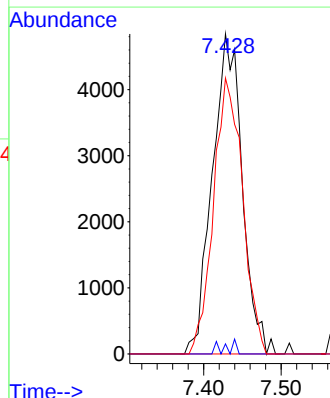
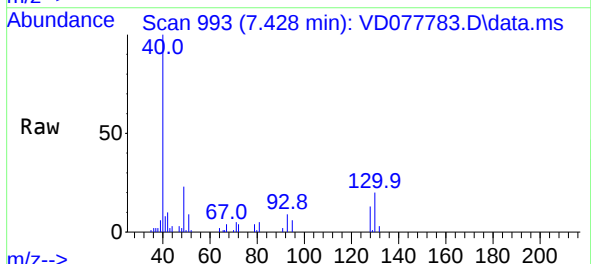
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

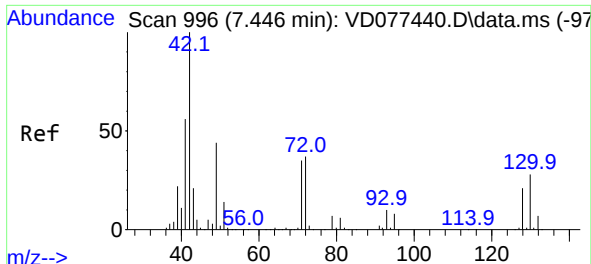
Tgt Ion: 96 Resp: 19673
Ion Ratio Lower Upper
96 100
61 143.6 0.0 239.2
98 63.1 0.0 128.6



#28
Bromochloromethane
Concen: 9.962 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 49 Resp: 12979
Ion Ratio Lower Upper
49 100
129 0.4 0.0 6.0
130 83.8 83.2 124.8

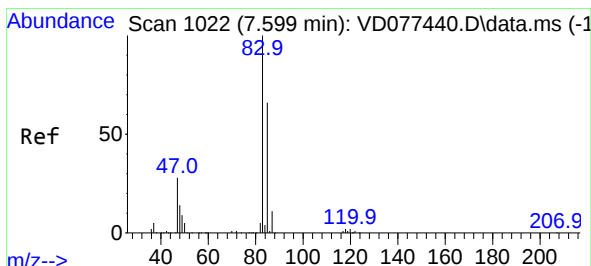
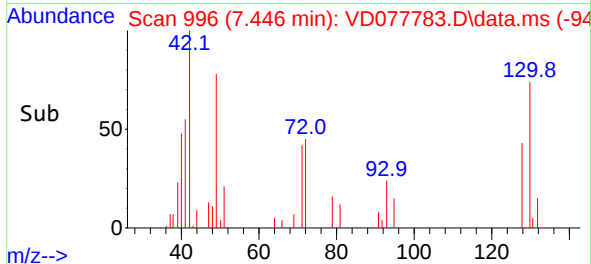
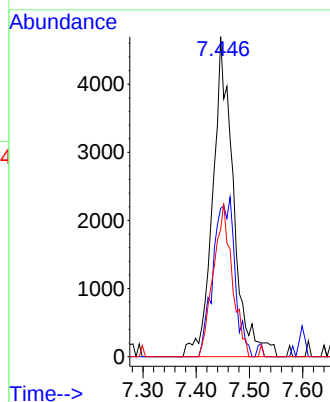
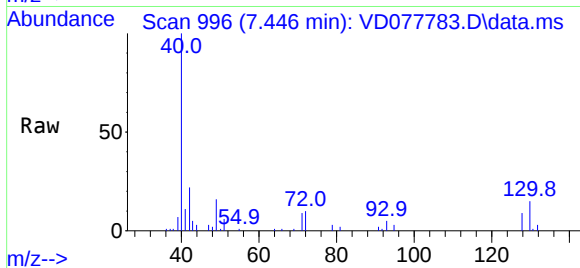




#29
Tetrahydrofuran
Concen: 48.410 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

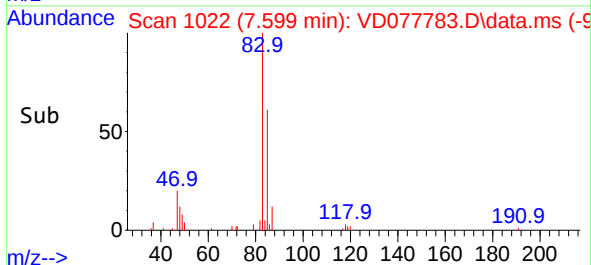
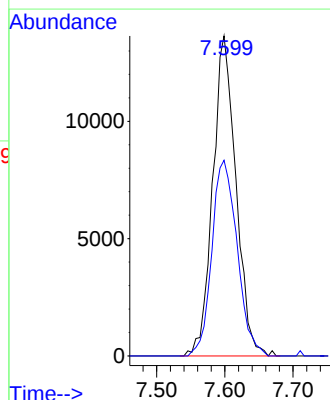
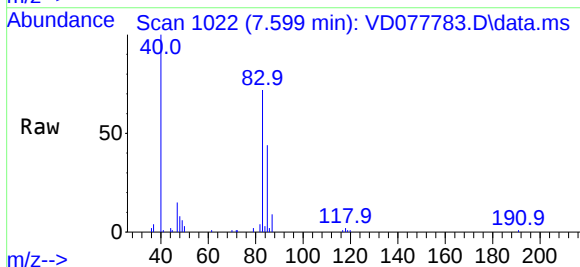
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

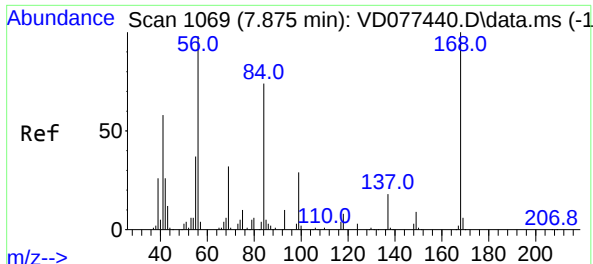
Tgt Ion: 42 Resp: 12673
Ion Ratio Lower Upper
42 100
72 51.7 46.5 69.7
71 43.4 44.5 66.7#



#30
Chloroform
Concen: 9.925 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 83 Resp: 32349
Ion Ratio Lower Upper
83 100
85 61.2 53.4 80.2

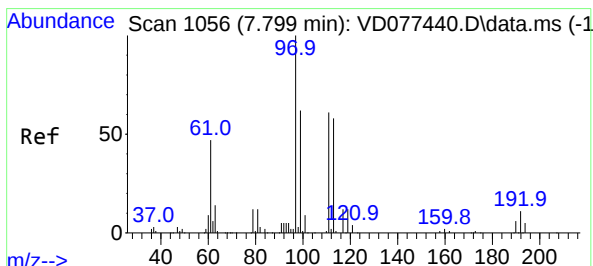
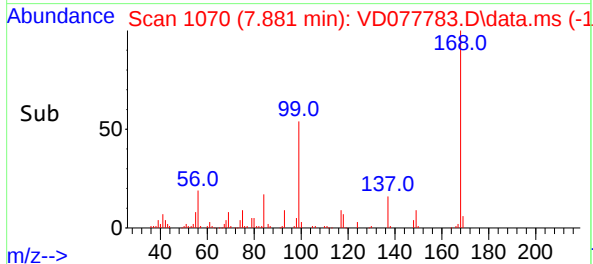
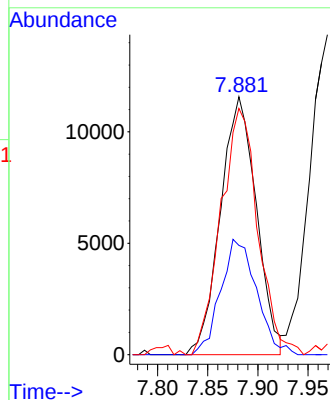
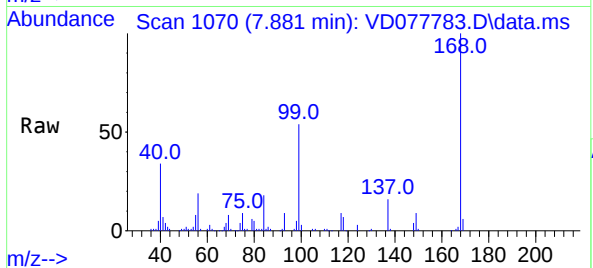




#31
Cyclohexane
Concen: 10.003 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

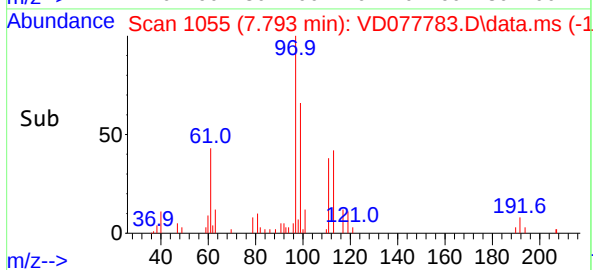
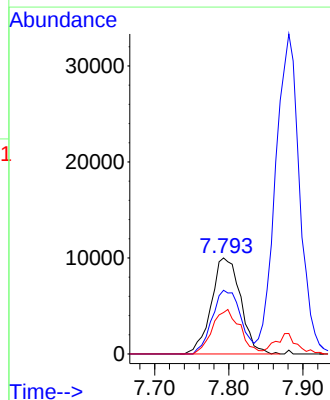
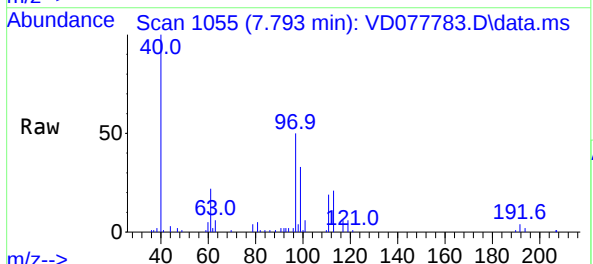
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

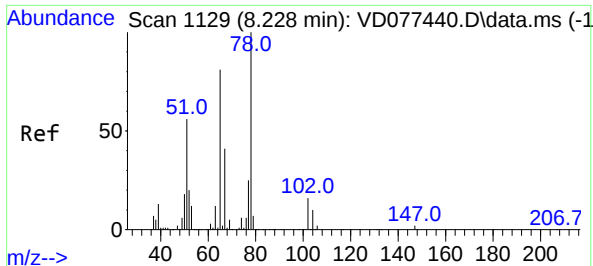
Tgt Ion: 56 Resp: 28818
Ion Ratio Lower Upper
56 100
69 42.4 28.6 43.0
84 93.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 9.662 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 97 Resp: 27421
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 44.2 33.8 50.8

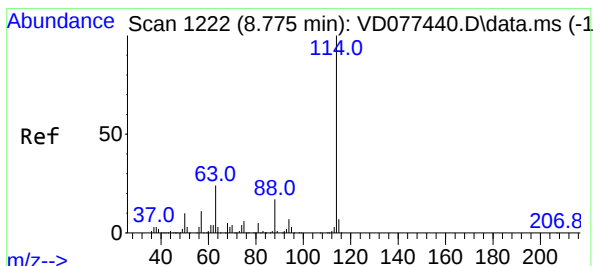
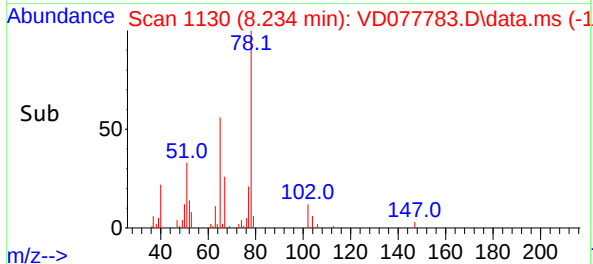
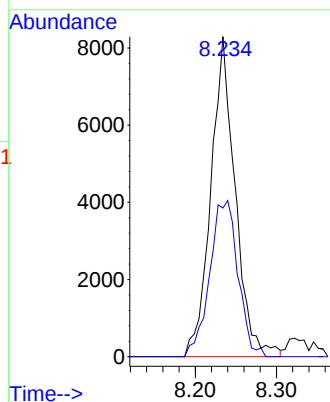
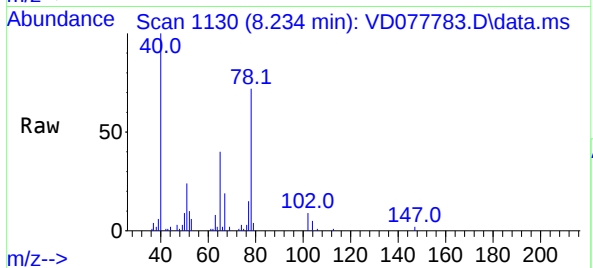




#33
1,2-Dichloroethane-d4
Concen: 10.633 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

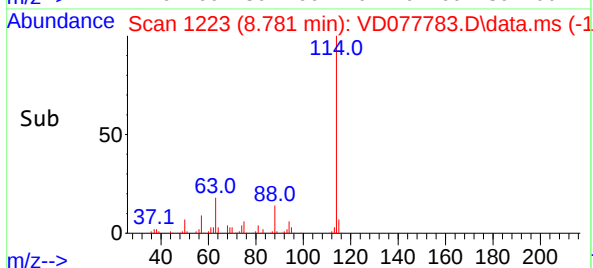
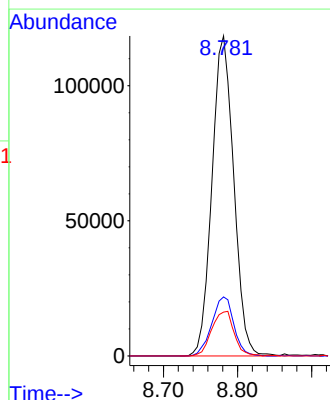
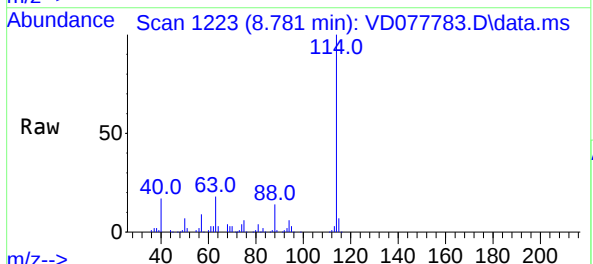
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

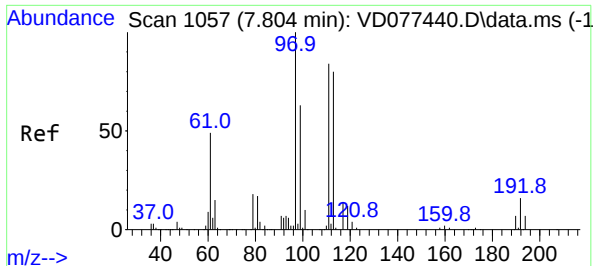
Tgt Ion: 65 Resp: 17353
Ion Ratio Lower Upper
65 100
67 56.4 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 114 Resp: 241457
Ion Ratio Lower Upper
114 100
63 18.5 0.0 33.4
88 13.7 0.0 26.2

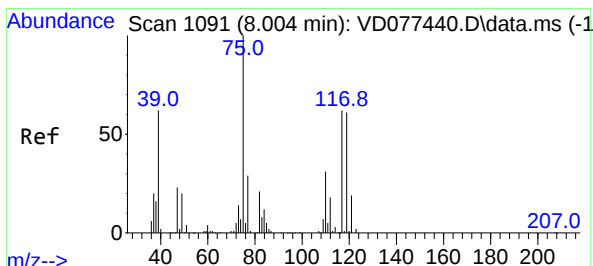
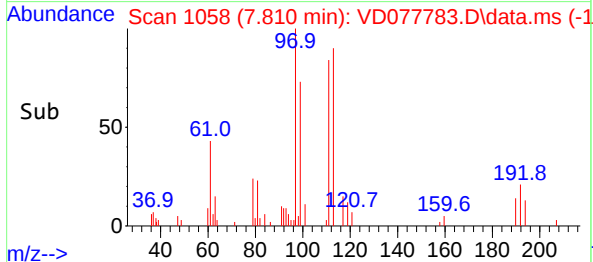
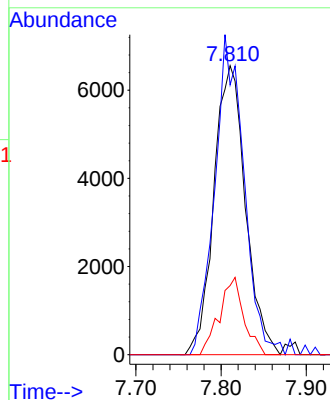
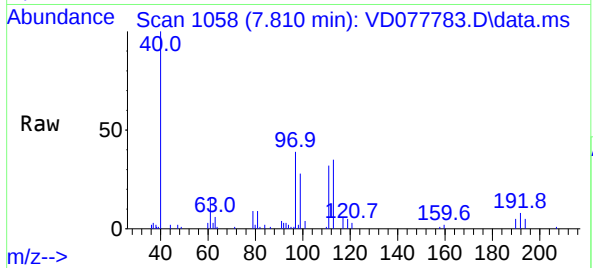




#35
Dibromofluoromethane
Concen: 9.785 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

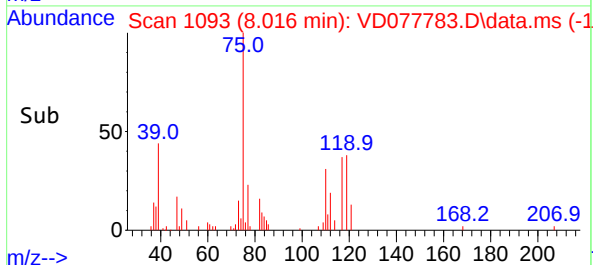
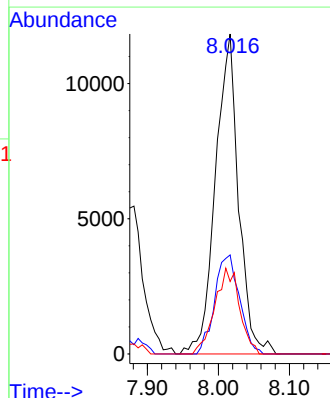
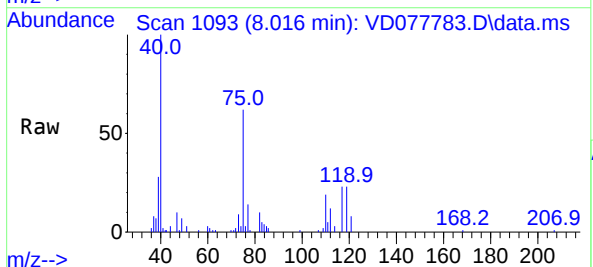
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

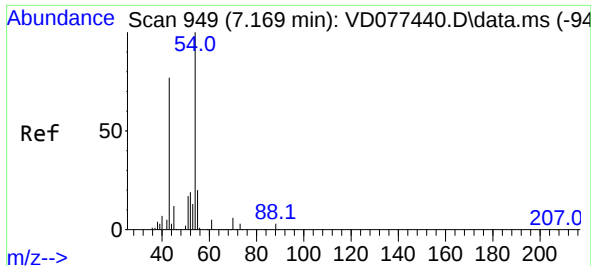
Tgt Ion:113 Resp: 16869
Ion Ratio Lower Upper
113 100
111 102.4 84.7 127.1
192 20.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 9.802 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 75 Resp: 26707
Ion Ratio Lower Upper
75 100
110 33.3 19.9 59.6
77 28.8 24.7 37.1





#37

Ethyl Acetate

Concen: 7.946 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD077783.D

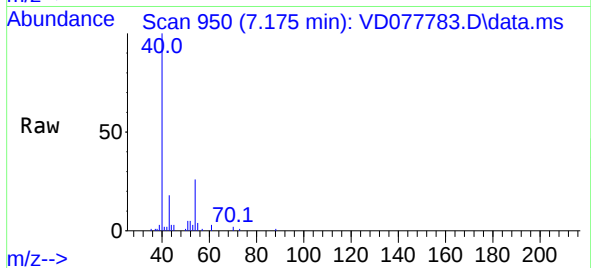
Acq: 08 Dec 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010



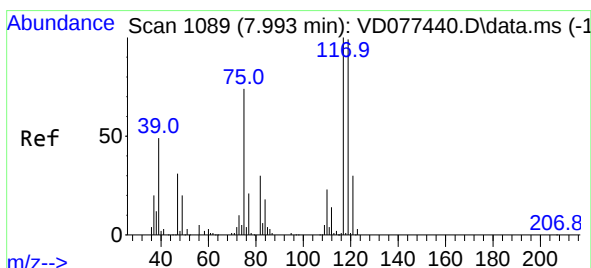
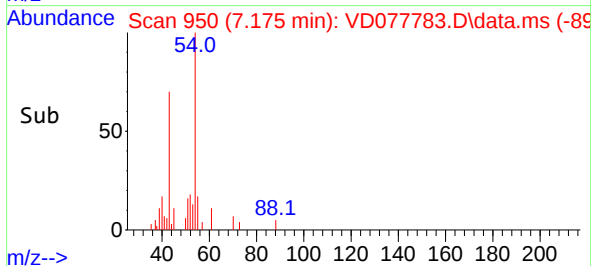
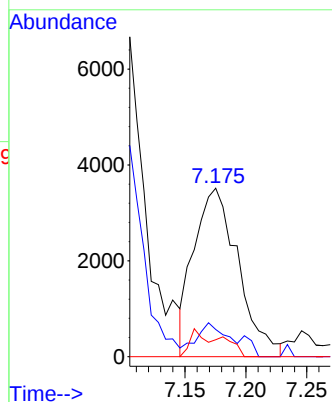
Tgt Ion: 43 Resp: 8885

Ion Ratio Lower Upper

43 100

61 17.0 14.9 22.3

70 5.8 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 9.233 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD077783.D

Acq: 08 Dec 2023 10:08

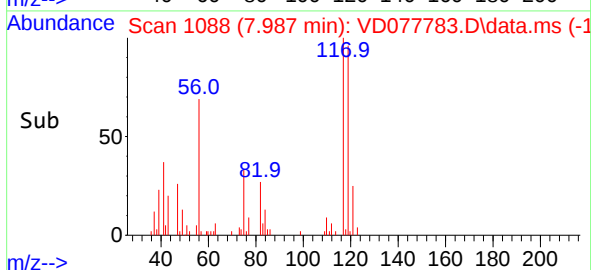
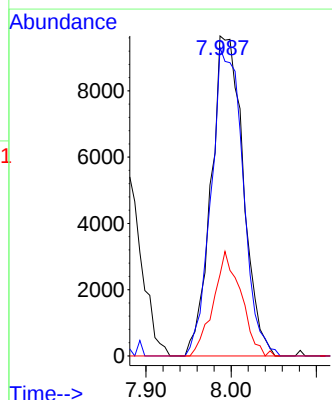
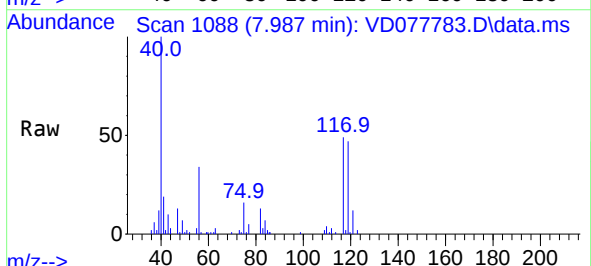
Tgt Ion: 117 Resp: 25234

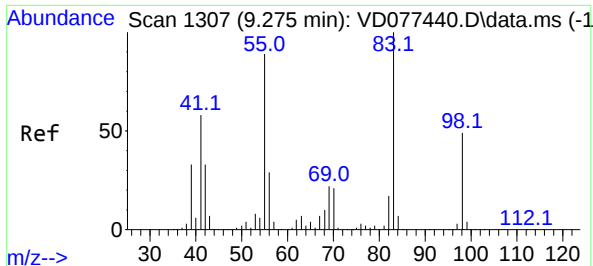
Ion Ratio Lower Upper

117 100

119 96.4 78.0 117.0

121 25.4 24.2 36.2





#39

Methylcyclohexane

Concen: 9.249 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD077783.D

Acq: 08 Dec 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

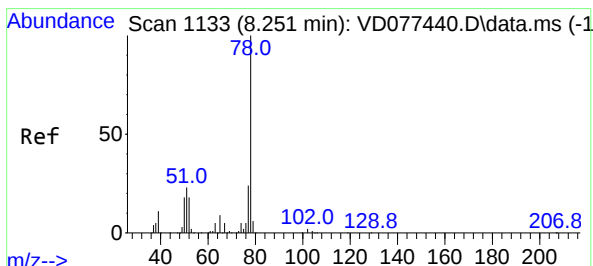
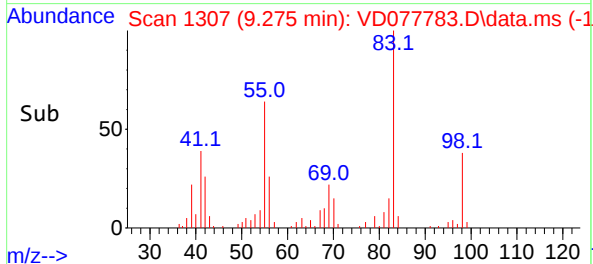
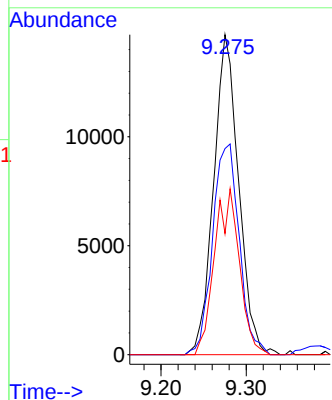
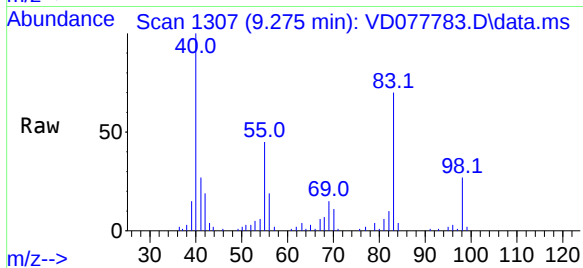
Tgt Ion: 83 Resp: 29964

Ion Ratio Lower Upper

83 100

55 64.4 49.4 74.0

98 37.8 38.4 57.6#



#40

Benzene

Concen: 9.687 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD077783.D

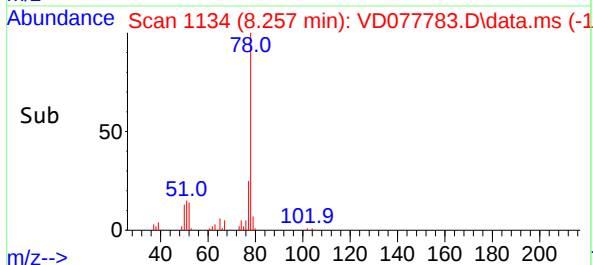
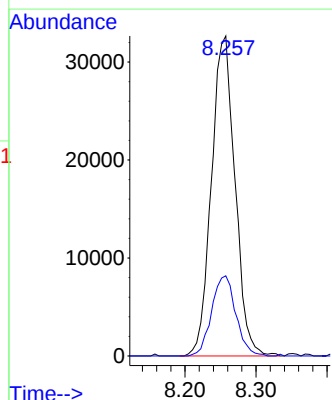
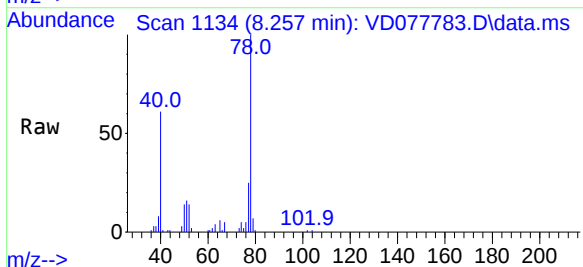
Acq: 08 Dec 2023 10:08

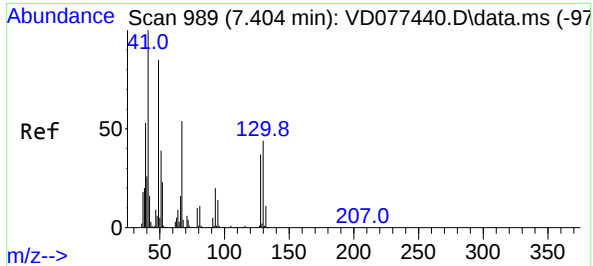
Tgt Ion: 78 Resp: 75279

Ion Ratio Lower Upper

78 100

77 25.1 19.4 29.0



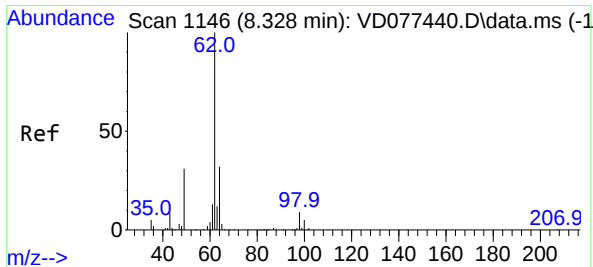
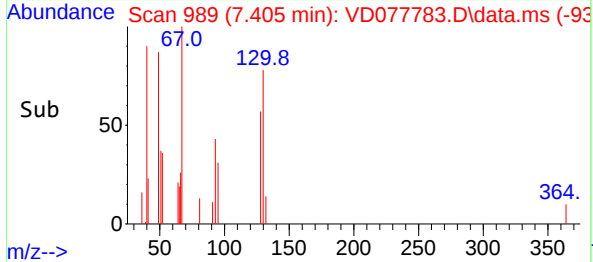
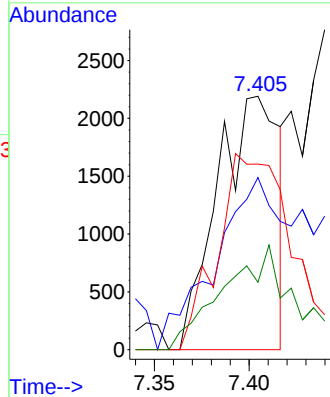
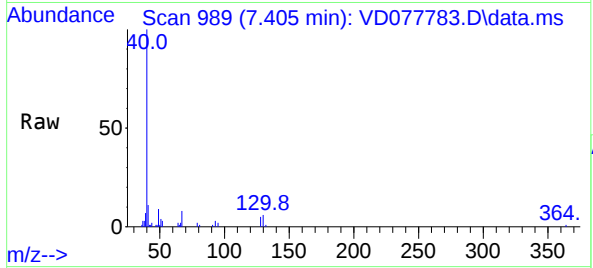


#41
Methacrylonitrile
Concen: 8.925 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 41 Resp: 4960

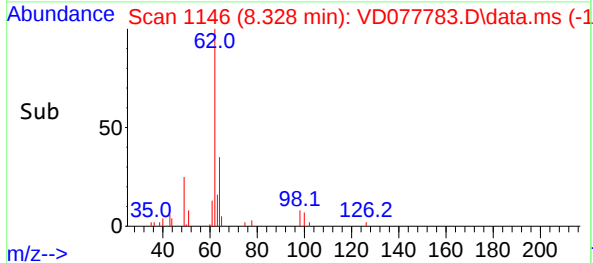
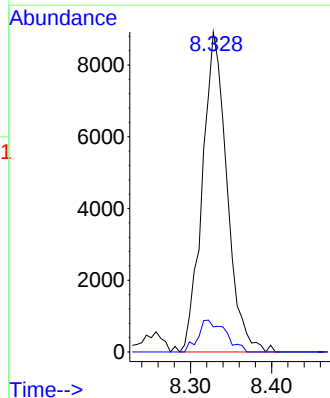
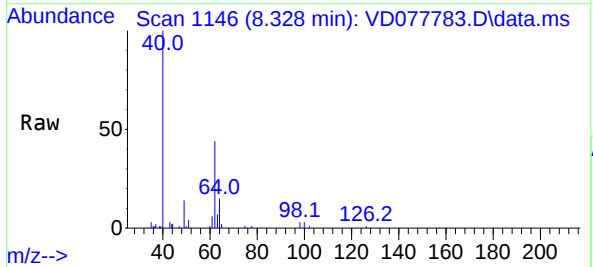
Ion	Ratio	Lower	Upper
41	100		
39	76.3	34.0	51.0#
67	90.9	77.0	115.4
52	45.6	27.9	41.9#

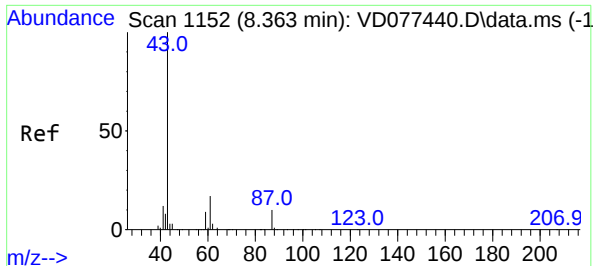


#42
1,2-Dichloroethane
Concen: 9.312 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 62 Resp: 18793

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	25.4

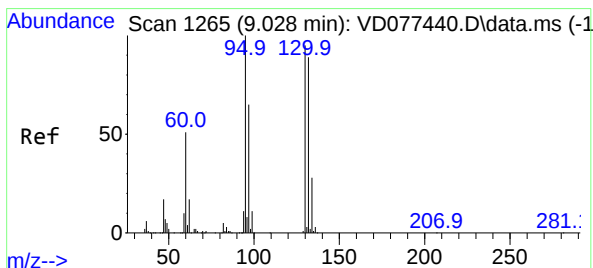
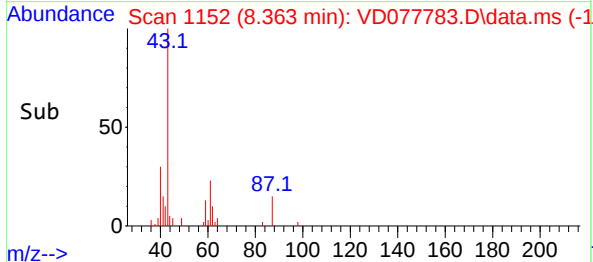
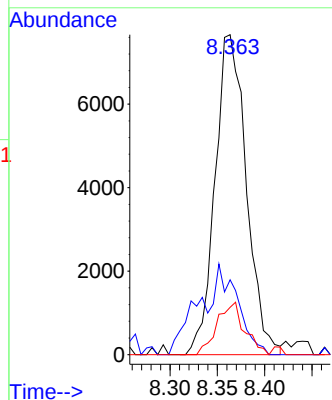
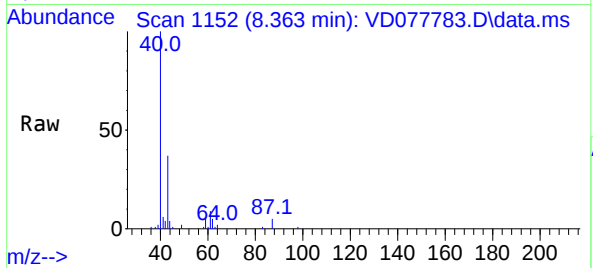




#43
Isopropyl Acetate
Concen: 9.265 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

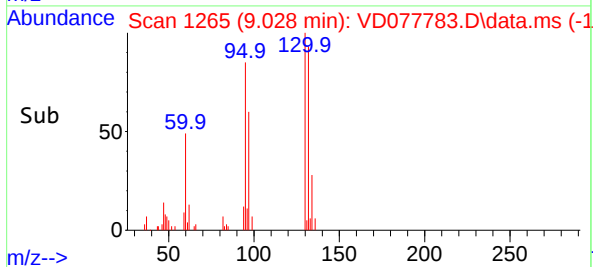
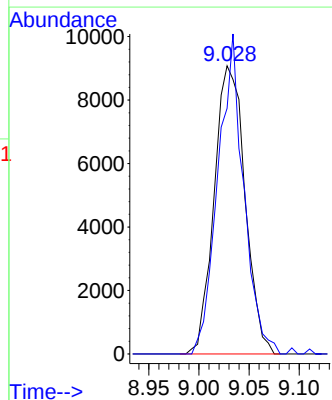
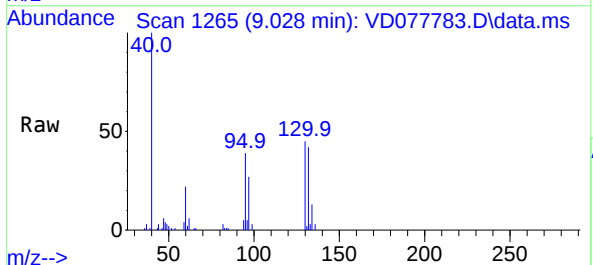
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

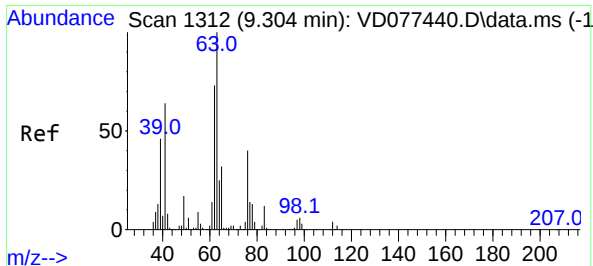
Tgt Ion: 43 Resp: 17634
Ion Ratio Lower Upper
43 100
61 21.4 31.4 47.0#
87 14.3 14.9 22.3#



#44
Trichloroethene
Concen: 9.559 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 130 Resp: 19398
Ion Ratio Lower Upper
130 100
95 85.2 0.0 179.2

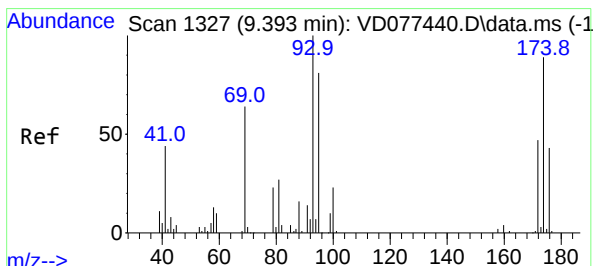
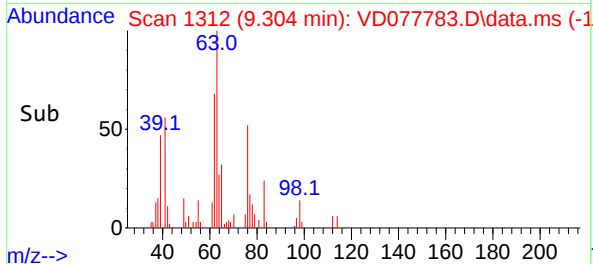
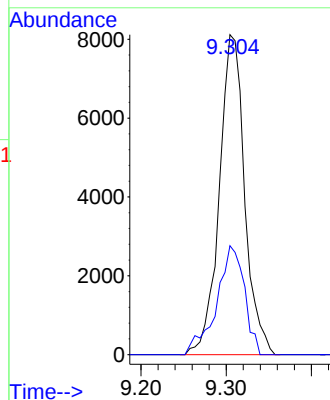
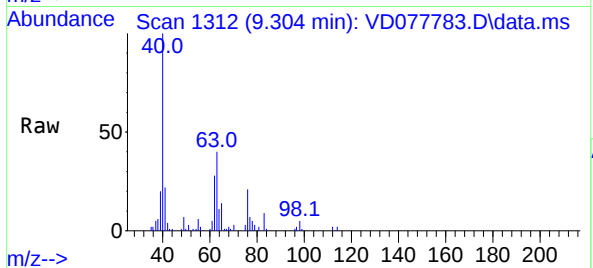




#45
1,2-Dichloropropane
Concen: 8.823 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

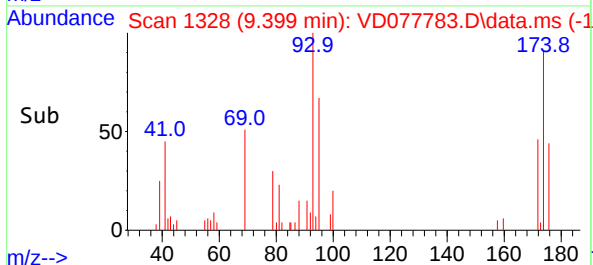
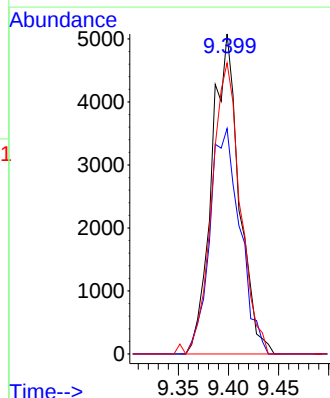
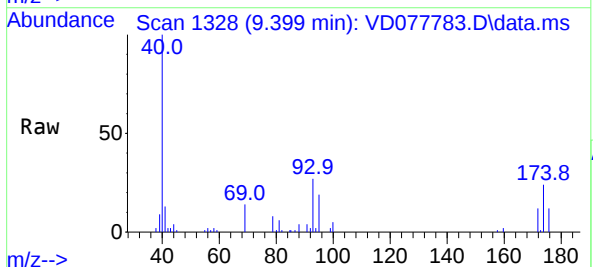
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

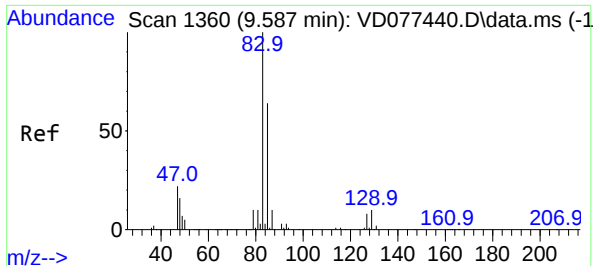
Tgt Ion: 63 Resp: 16810
Ion Ratio Lower Upper
63 100
65 34.1 24.5 36.7



#46
Dibromomethane
Concen: 9.663 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 93 Resp: 9671
Ion Ratio Lower Upper
93 100
95 77.7 67.7 101.5
174 94.3 85.4 128.2

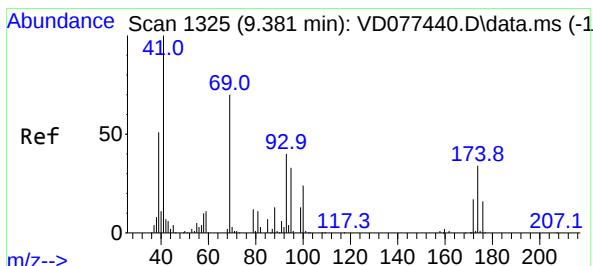
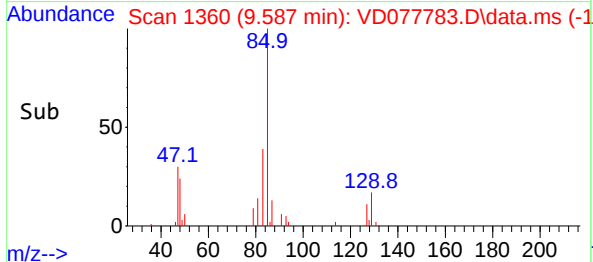
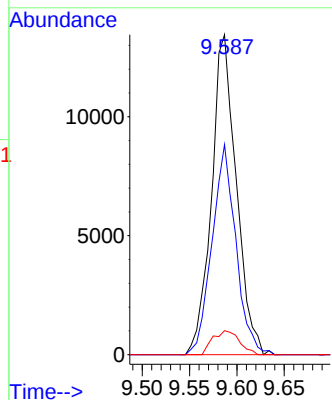
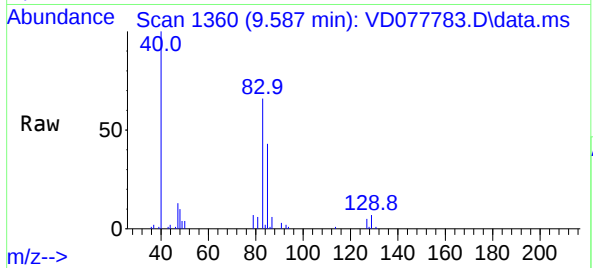




#47
Bromodichloromethane
Concen: 9.638 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

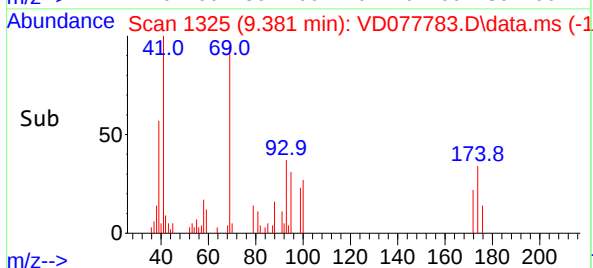
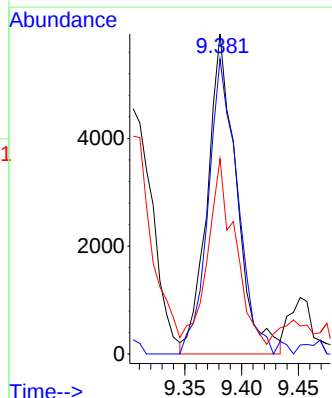
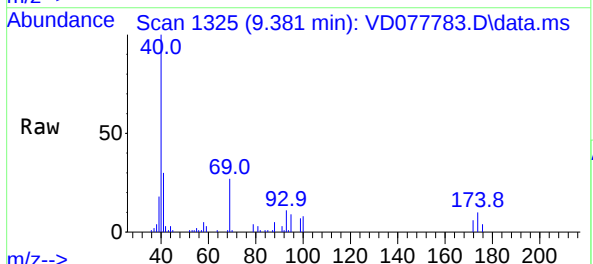
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

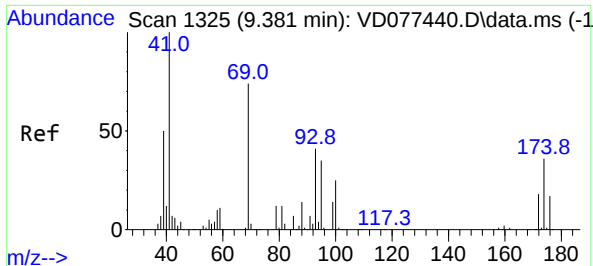
Tgt Ion: 83 Resp: 24490
Ion Ratio Lower Upper
83 100
85 65.7 50.2 75.4
127 7.5 6.3 9.5



#48
Methyl methacrylate
Concen: 9.736 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 41 Resp: 10578
Ion Ratio Lower Upper
41 100
69 92.8 102.2 153.2#
39 54.1 41.4 62.2

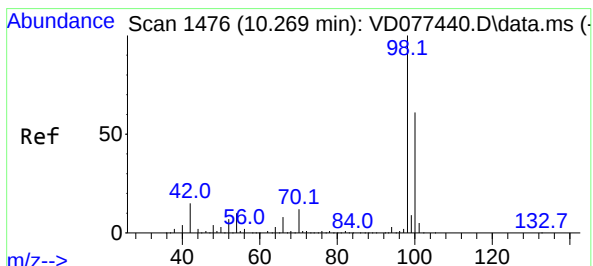
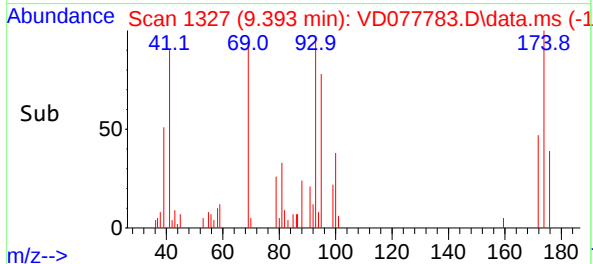
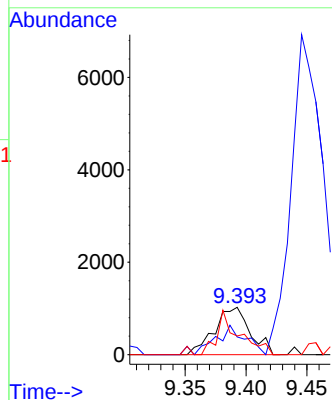
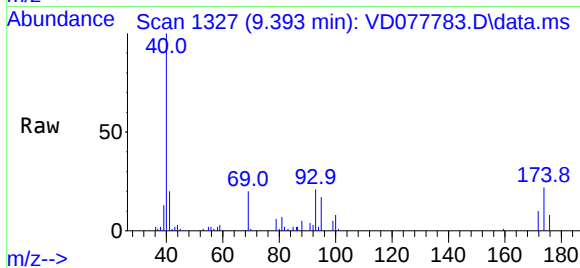




#49
1,4-Dioxane
Concen: 207.753 ug/l
RT: 9.393 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

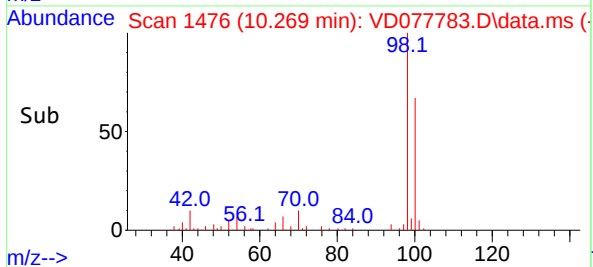
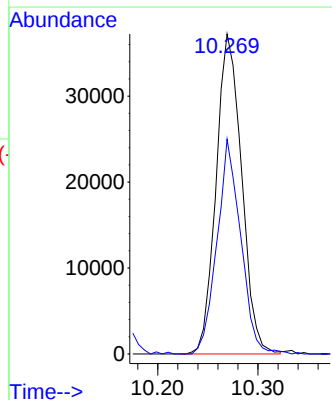
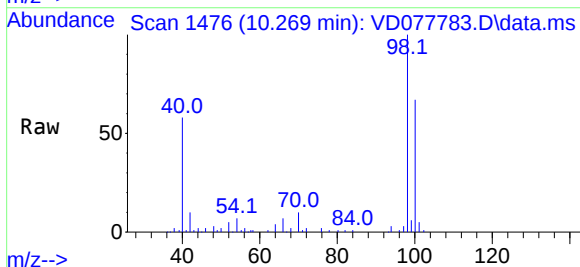
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

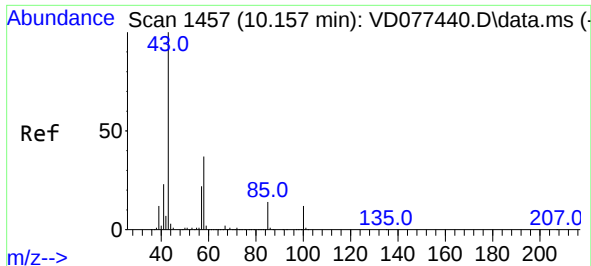
Tgt Ion: 88 Resp: 2084
Ion Ratio Lower Upper
88 100
43 53.9 19.0 28.6#
58 58.5 43.5 65.3



#50
Toluene-d8
Concen: 9.577 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 98 Resp: 65831
Ion Ratio Lower Upper
98 100
100 62.5 50.3 75.5

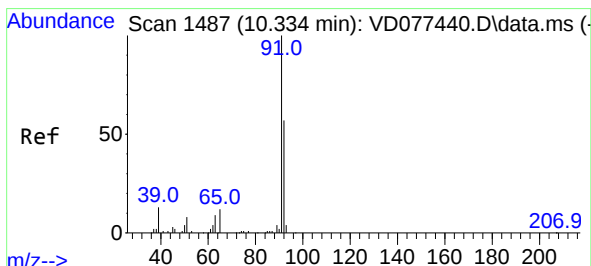
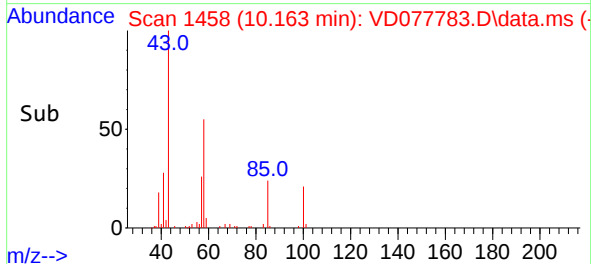
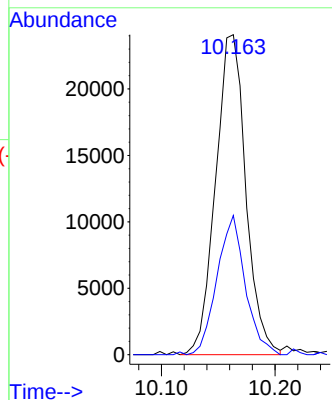
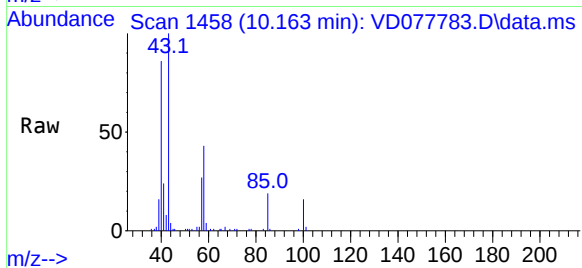




#51
4-Methyl-2-Pentanone
Concen: 45.679 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

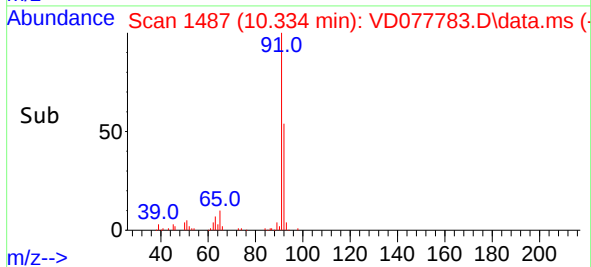
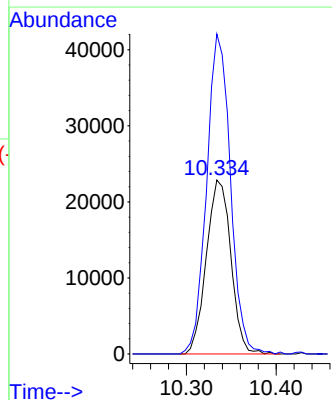
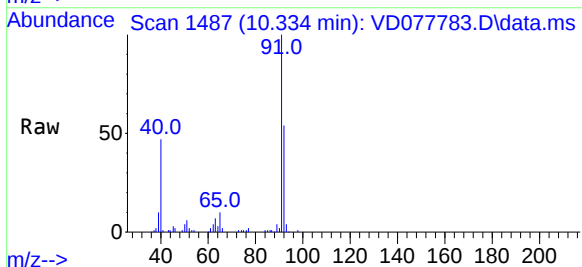
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

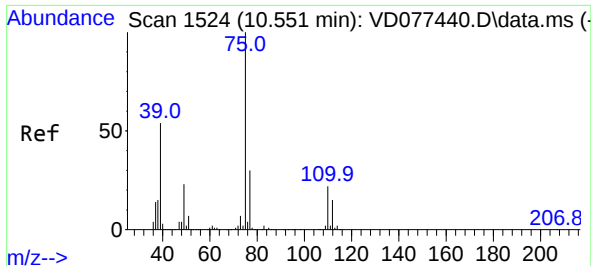
Tgt Ion: 43 Resp: 44509
Ion Ratio Lower Upper
43 100
58 40.7 38.9 58.3



#52
Toluene
Concen: 8.992 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 92 Resp: 43381
Ion Ratio Lower Upper
92 100
91 178.7 143.0 214.4

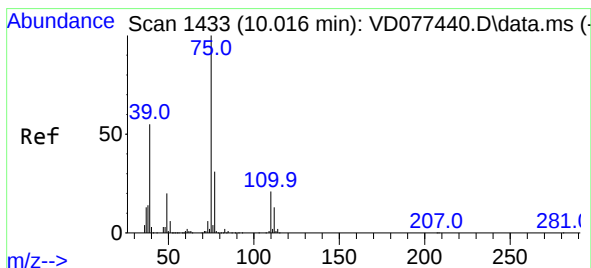
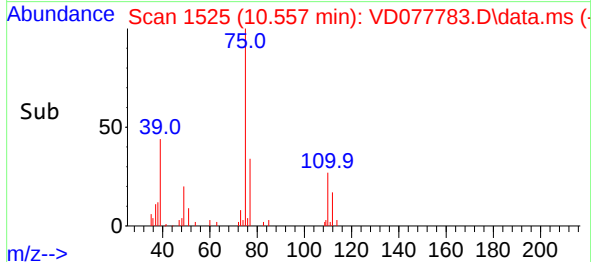
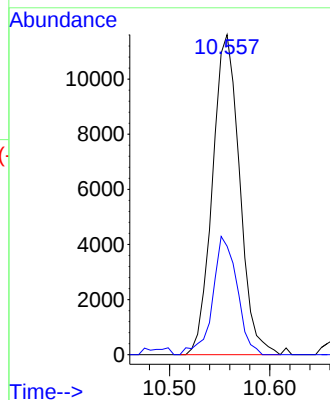
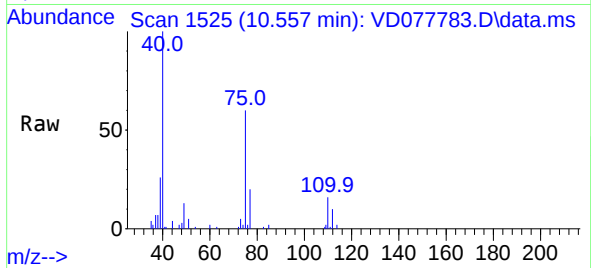




#53
t-1,3-Dichloropropene
Concen: 8.957 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

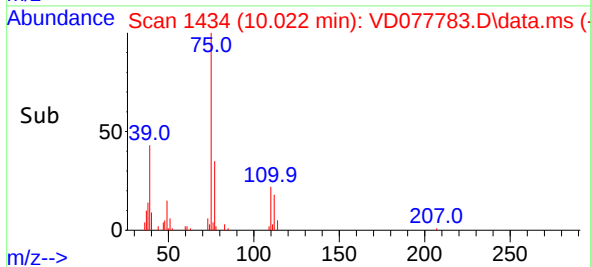
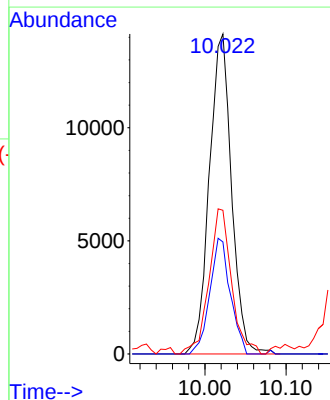
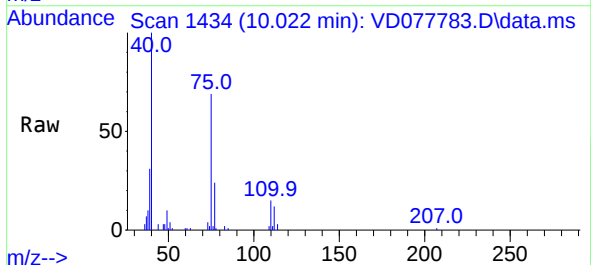
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

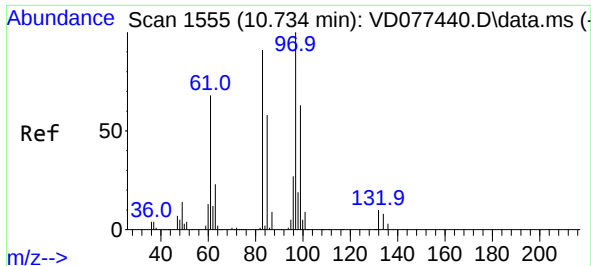
Tgt Ion: 75 Resp: 21836
Ion Ratio Lower Upper
75 100
77 33.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 9.096 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 75 Resp: 26831
Ion Ratio Lower Upper
75 100
77 35.0 25.5 38.3
39 44.9 22.1 33.1#

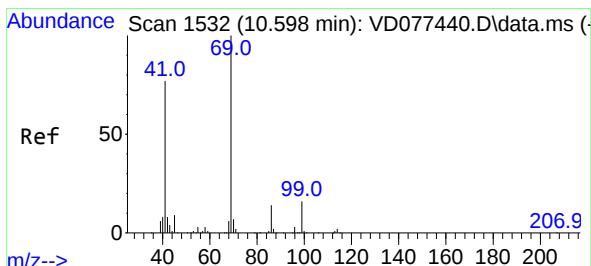
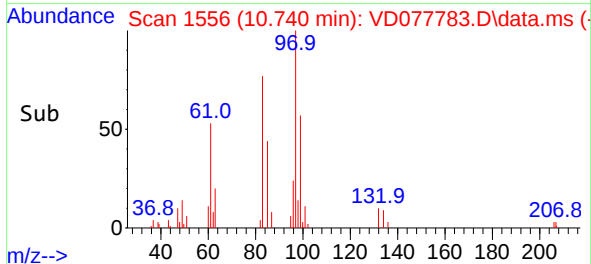
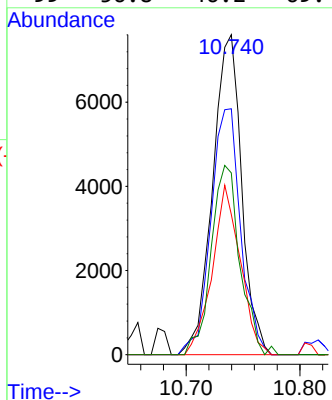
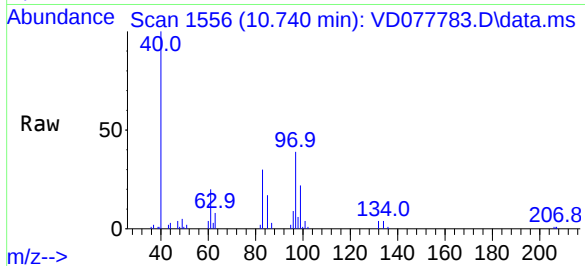




#55
1,1,2-Trichloroethane
Concen: 9.796 ug/l
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

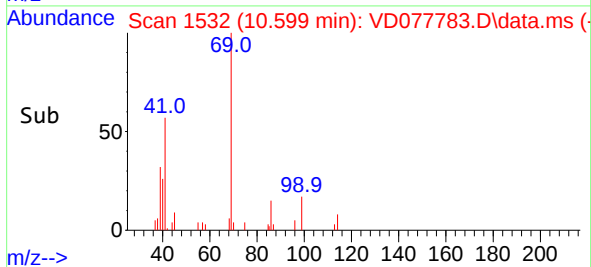
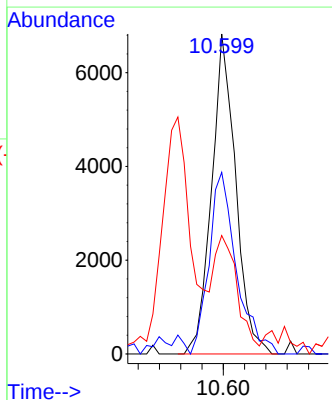
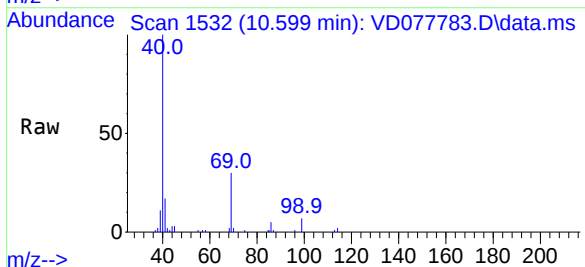
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

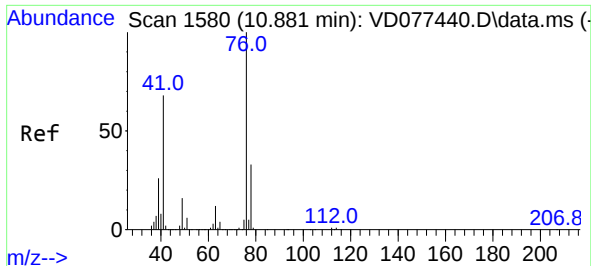
Tgt Ion:	97	Resp:	13497
Ion	Ratio	Lower	Upper
97	100		
83	76.8	65.8	98.6
85	43.8	45.7	68.5#
99	56.8	46.2	69.4



#56
Ethyl methacrylate
Concen: 8.834 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion:	69	Resp:	10708
Ion	Ratio	Lower	Upper
69	100		
41	64.5	39.1	58.7#
39	31.2	20.0	30.0#

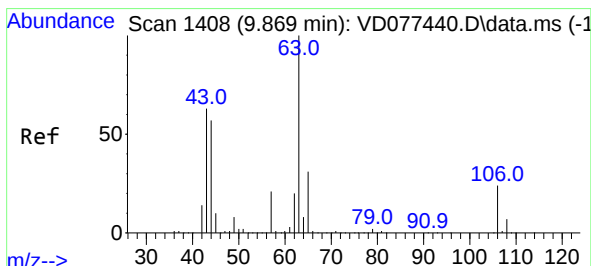
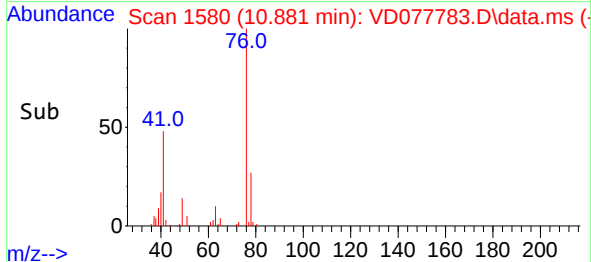
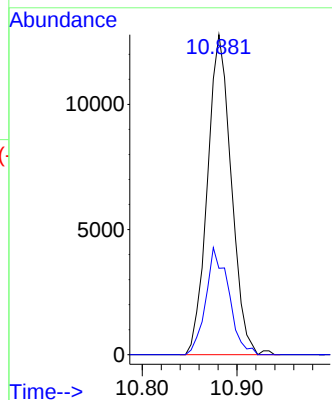
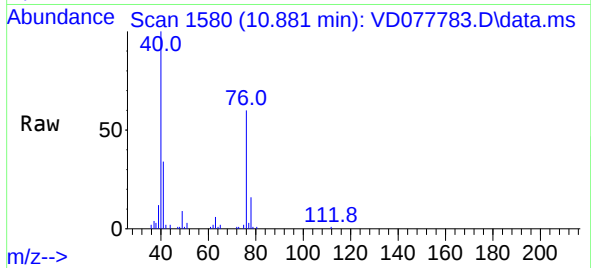




#57
1,3-Dichloropropane
Concen: 9.468 ug/l
RT: 10.881 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

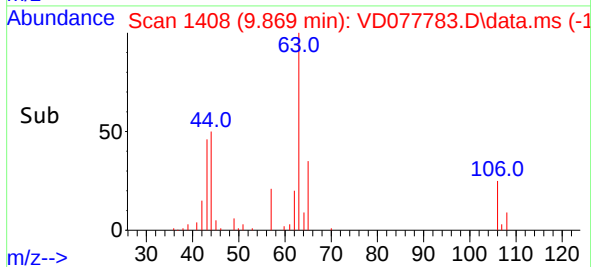
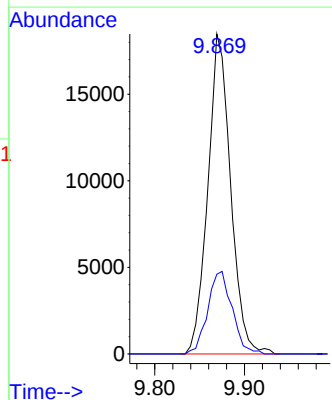
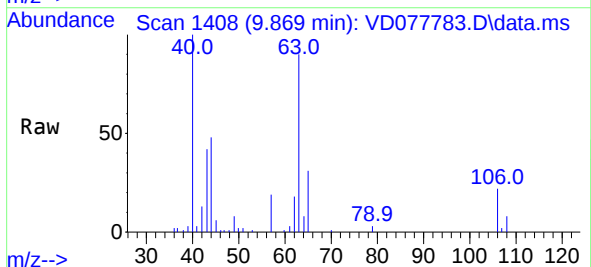
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

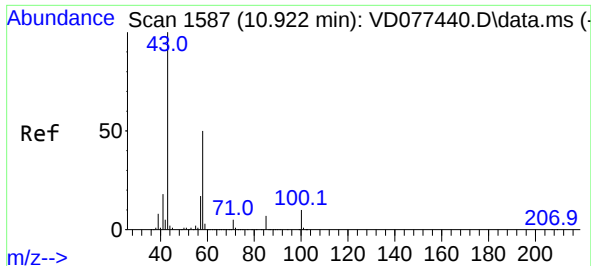
Tgt Ion: 76 Resp: 22400
Ion Ratio Lower Upper
76 100
78 32.1 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 47.366 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 63 Resp: 32575
Ion Ratio Lower Upper
63 100
106 27.6 25.3 37.9

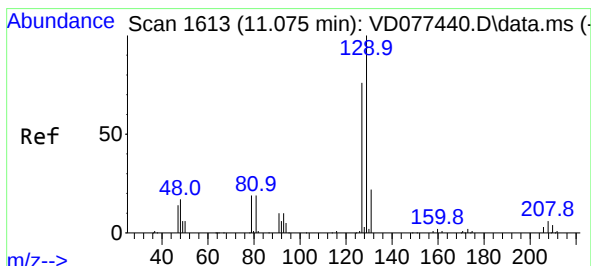
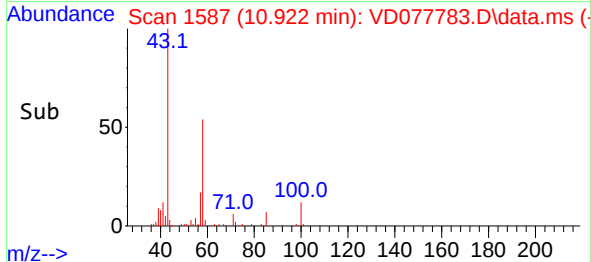
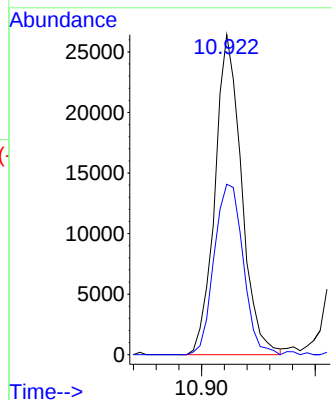
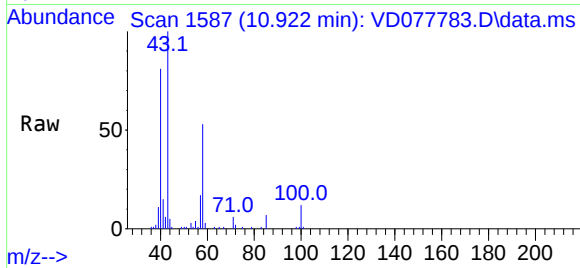




#59
2-Hexanone
Concen: 45.387 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

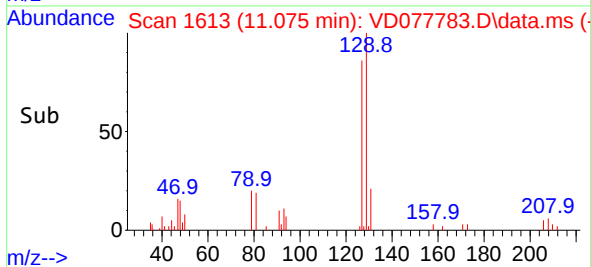
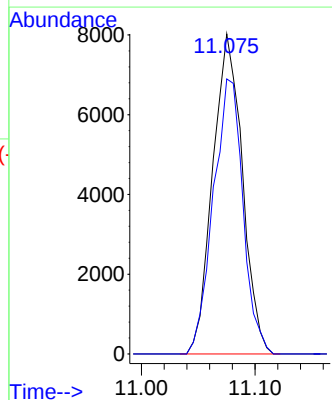
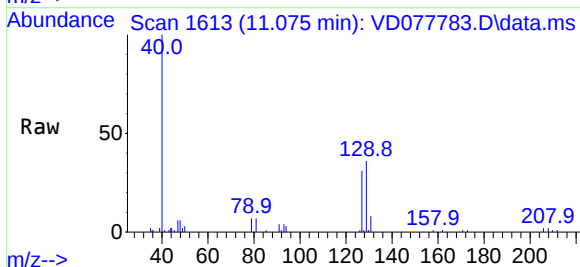
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

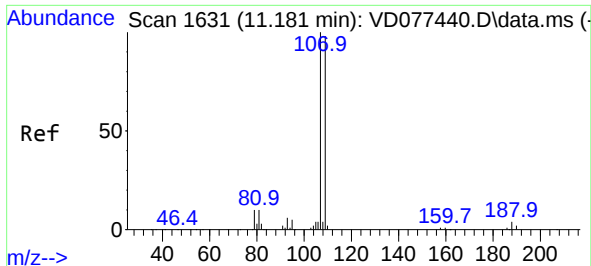
Tgt Ion: 43 Resp: 42932
Ion Ratio Lower Upper
43 100
58 58.0 34.1 102.2



#60
Dibromochloromethane
Concen: 8.718 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 129 Resp: 14514
Ion Ratio Lower Upper
129 100
127 86.0 37.1 111.5

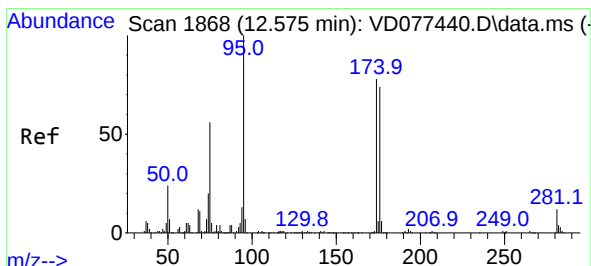
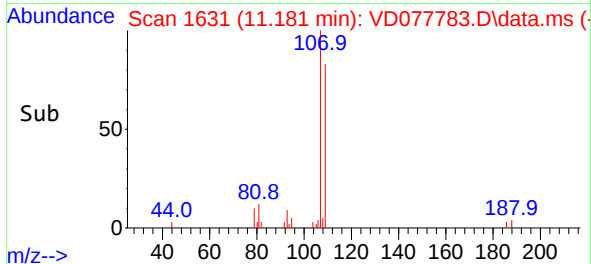
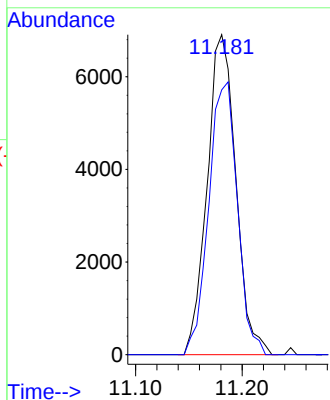
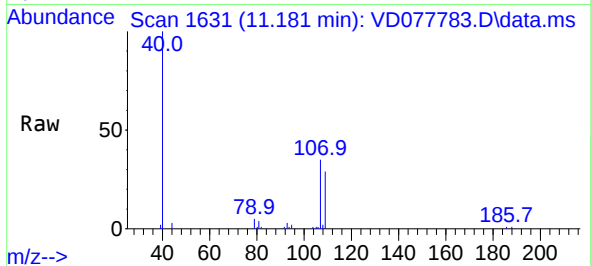




#61
1,2-Dibromoethane
Concen: 9.934 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

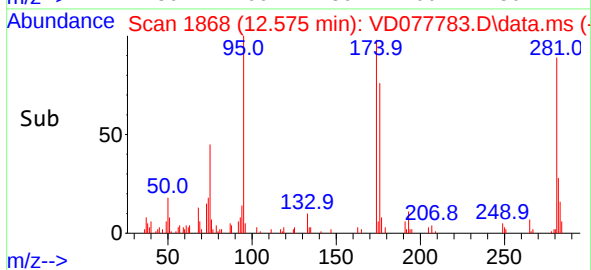
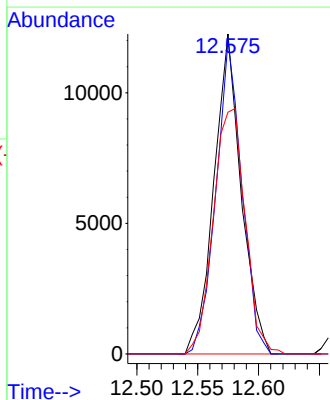
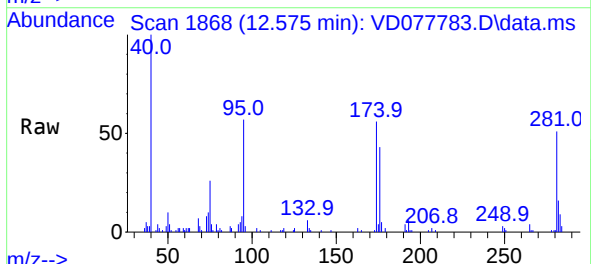
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

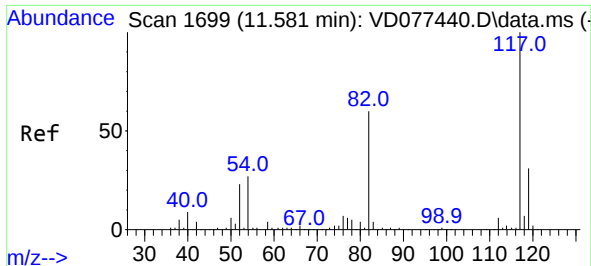
Tgt Ion:107 Resp: 12944
Ion Ratio Lower Upper
107 100
109 84.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 9.326 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 95 Resp: 19113
Ion Ratio Lower Upper
95 100
174 92.7 0.0 201.8
176 89.3 0.0 191.8

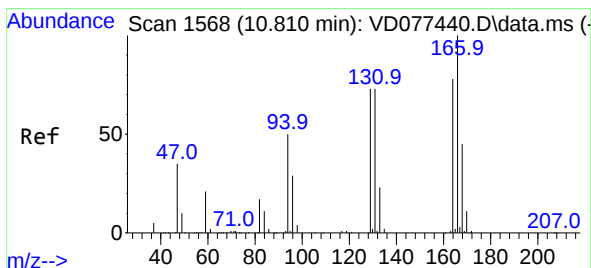
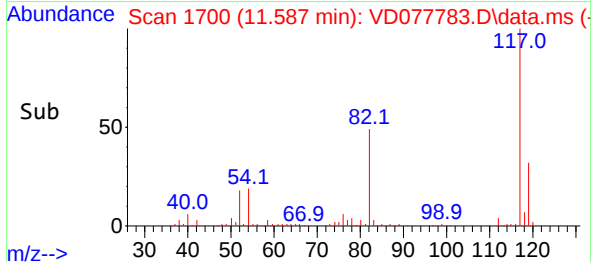
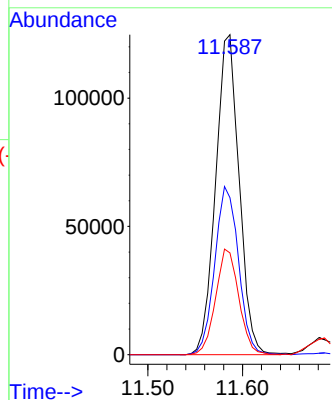
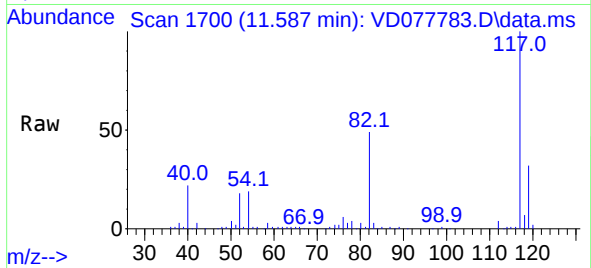




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

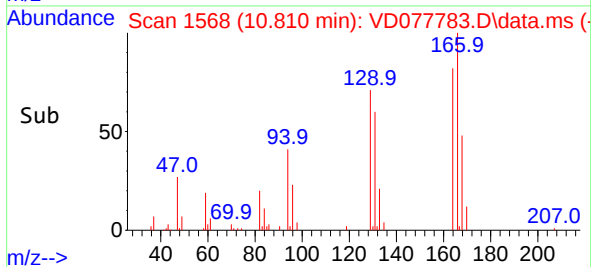
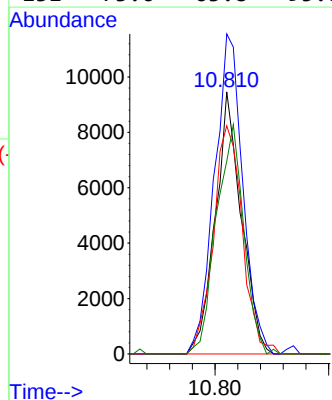
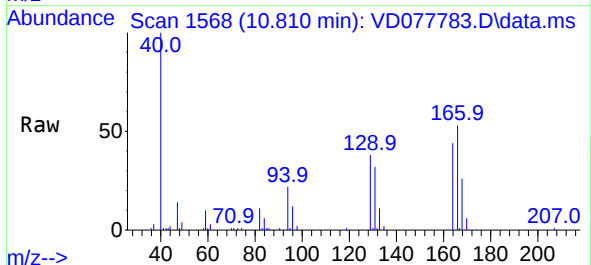
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

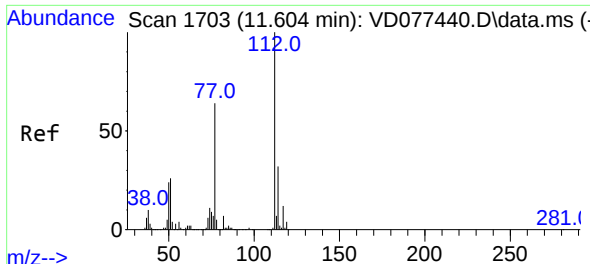
Tgt Ion:117 Resp: 215660
Ion Ratio Lower Upper
117 100
82 49.1 38.3 57.5
119 31.8 25.0 37.4



#64
Tetrachloroethene
Concen: 9.429 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion:164 Resp: 15093
Ion Ratio Lower Upper
164 100
166 122.1 99.2 148.8
129 87.0 68.4 102.6
131 73.6 63.8 95.8

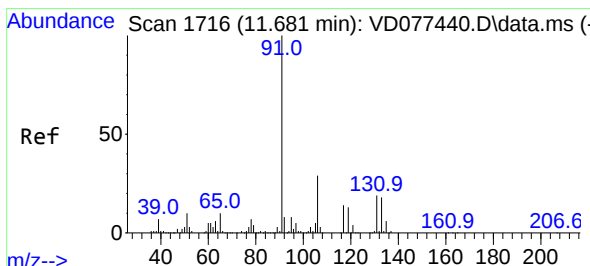
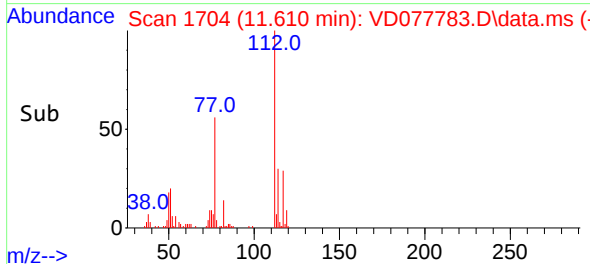
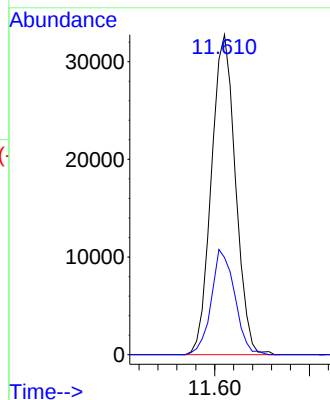
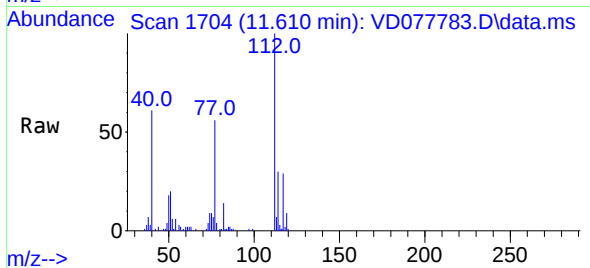




#65
Chlorobenzene
Concen: 9.406 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

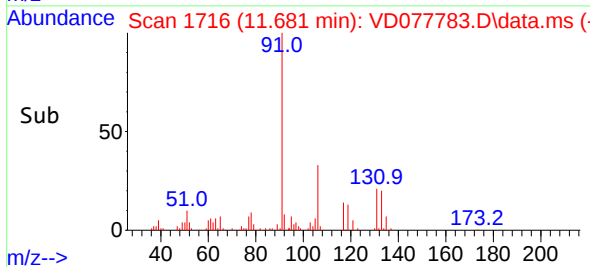
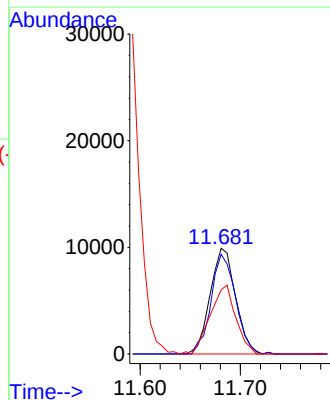
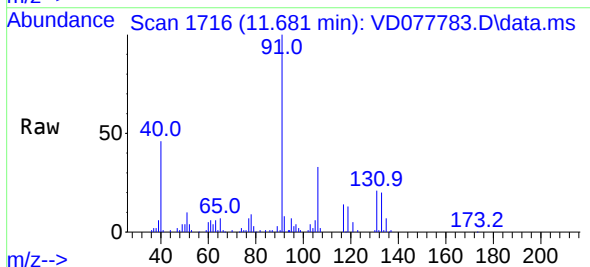
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

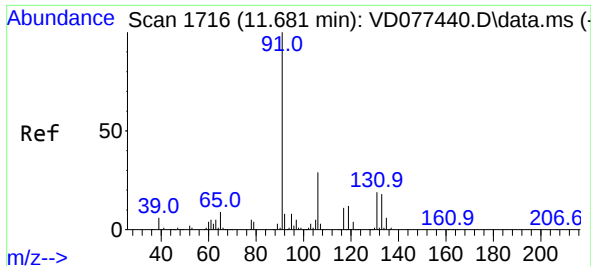
Tgt Ion:112 Resp: 57793
Ion Ratio Lower Upper
112 100
114 30.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 9.579 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion:131 Resp: 17403
Ion Ratio Lower Upper
131 100
133 91.6 48.5 145.5
119 65.7 35.6 106.9

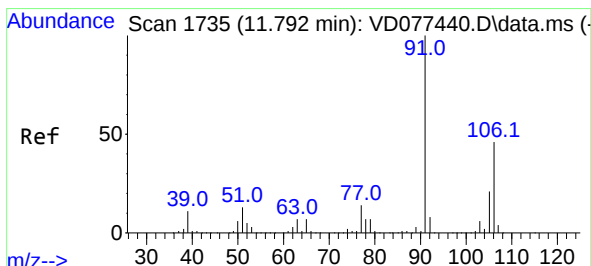
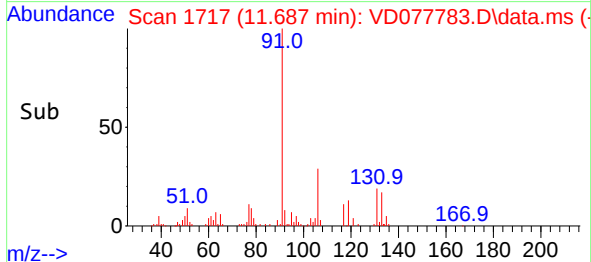
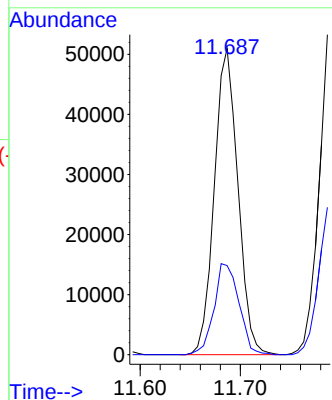
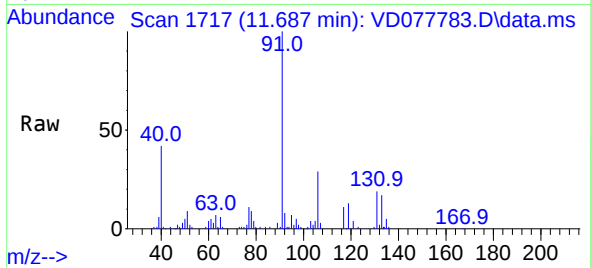




#67
Ethyl Benzene
Concen: 9.188 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

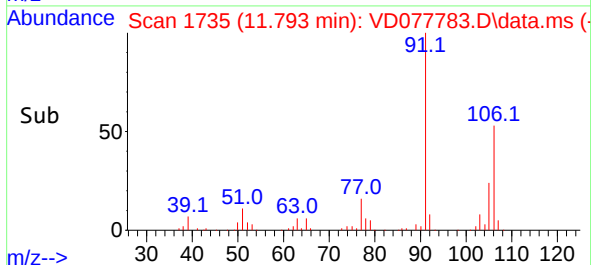
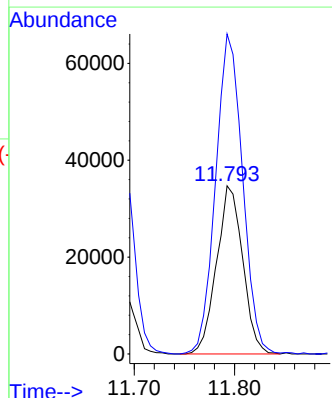
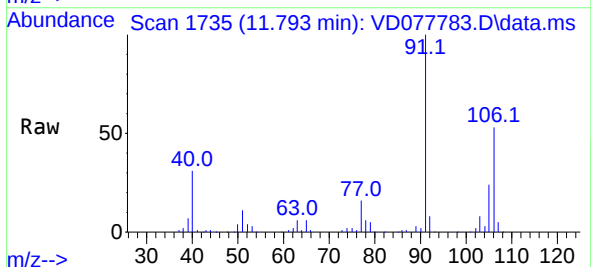
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

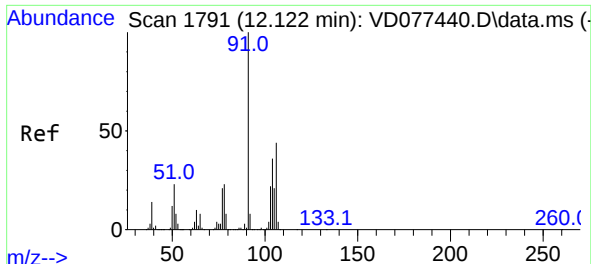
Tgt Ion: 91 Resp: 83036
Ion Ratio Lower Upper
91 100
106 29.1 26.5 39.7



#68
m/p-Xylenes
Concen: 18.109 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 106 Resp: 62798
Ion Ratio Lower Upper
106 100
91 196.8 147.0 220.6

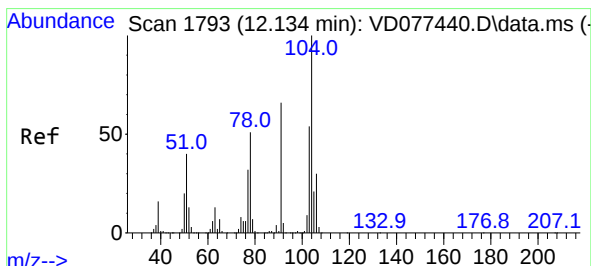
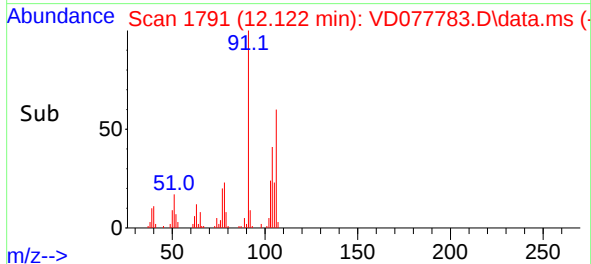
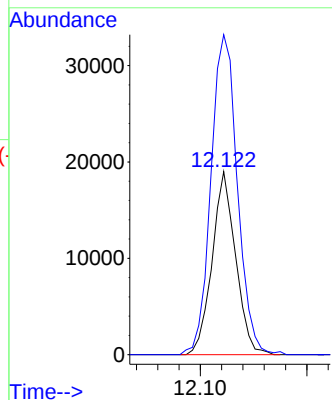
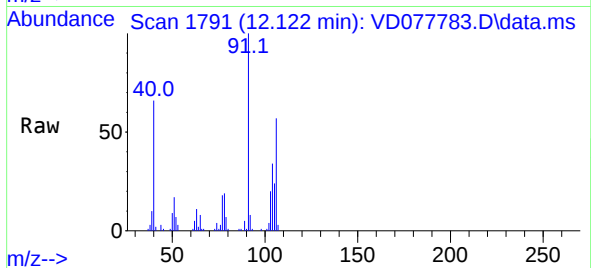




#69
o-Xylene
Concen: 9.077 ug/l
RT: 12.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

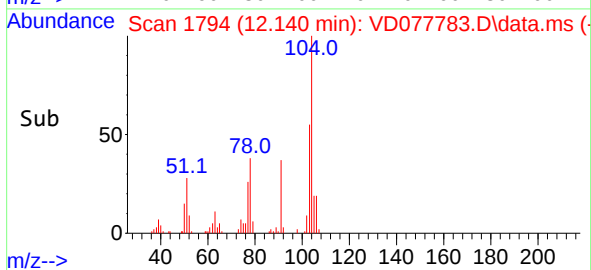
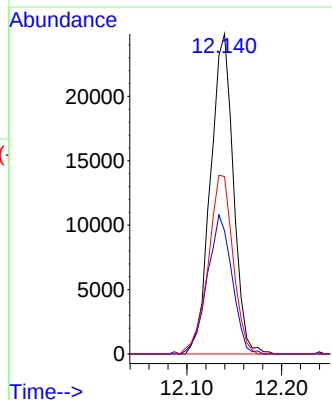
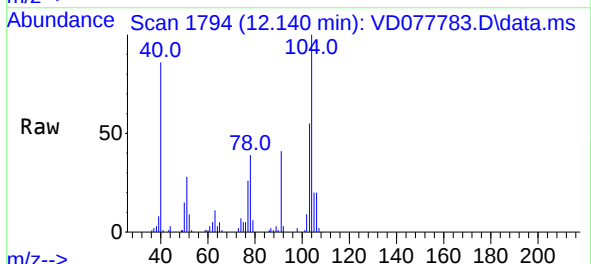
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

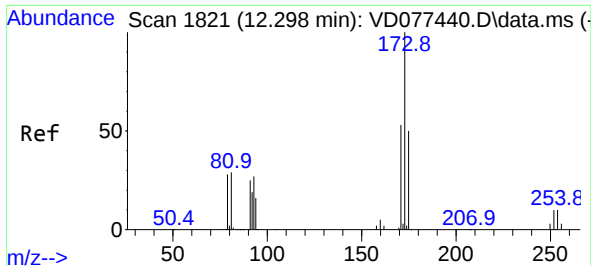
Tgt Ion:106 Resp: 29037
Ion Ratio Lower Upper
106 100
91 196.9 97.9 293.6



#70
Styrene
Concen: 8.770 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion:104 Resp: 41584
Ion Ratio Lower Upper
104 100
78 47.0 33.2 49.8
103 60.4 43.6 65.4

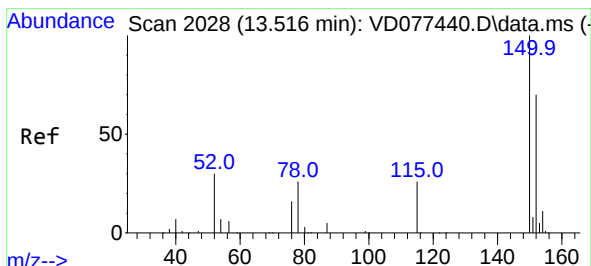
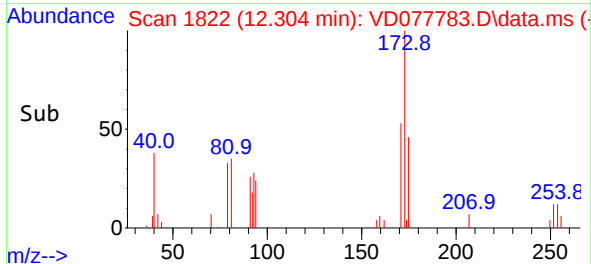
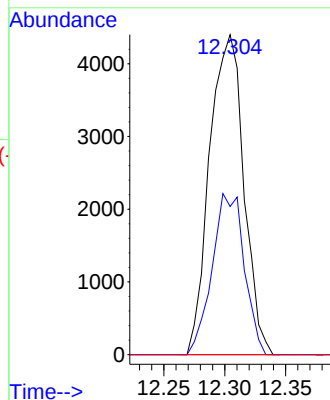
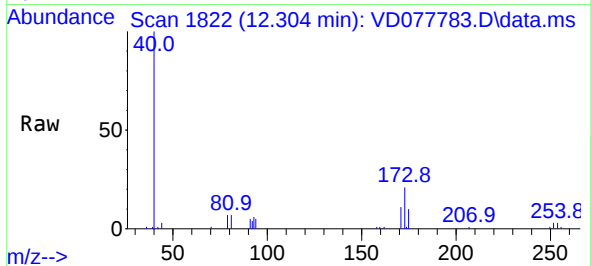




#71
Bromoform
Concen: 9.082 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

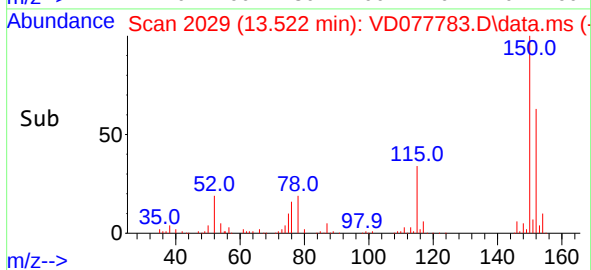
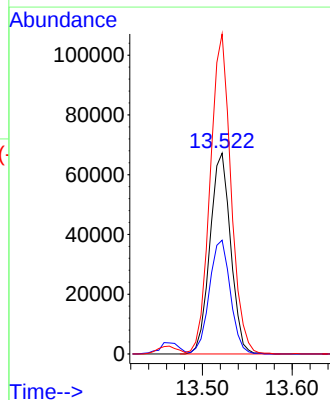
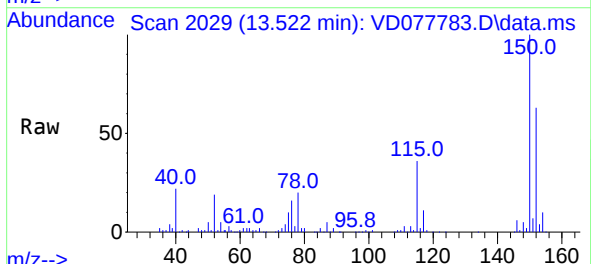
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

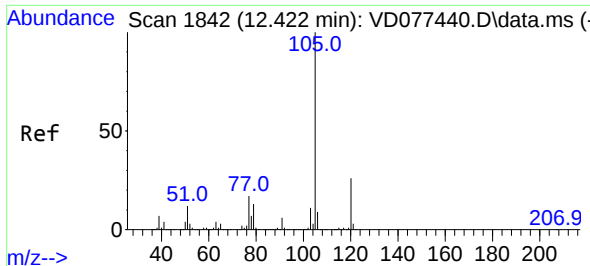
Tgt Ion:173 Resp: 8597
Ion Ratio Lower Upper
173 100
175 47.2 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion:152 Resp: 107582
Ion Ratio Lower Upper
152 100
115 57.6 27.1 81.3
150 160.3 0.0 353.6

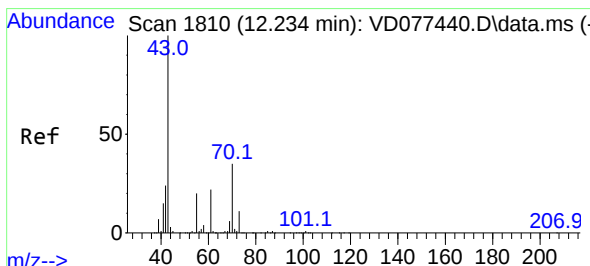
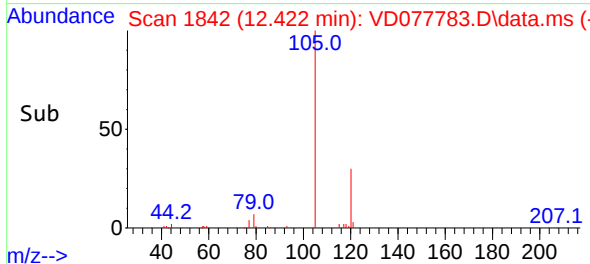
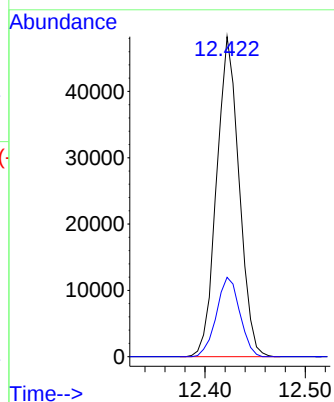
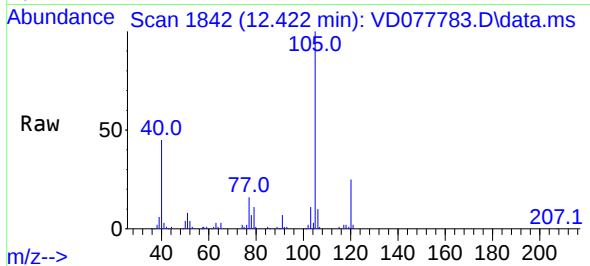




#73
Isopropylbenzene
Concen: 9.135 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

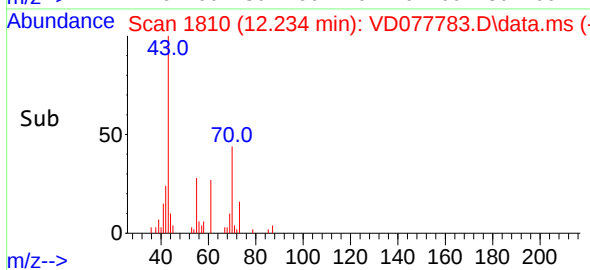
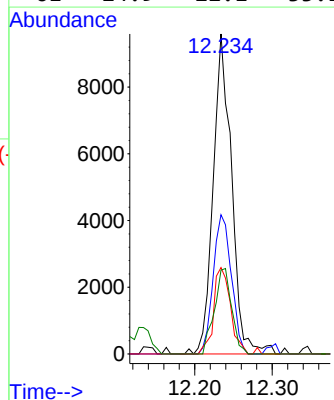
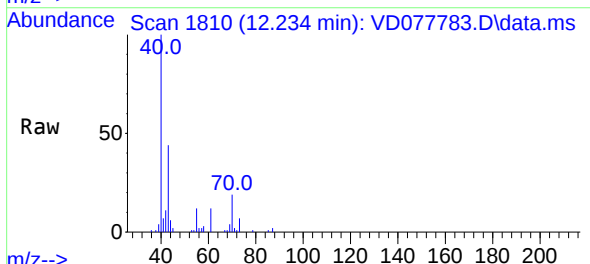
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

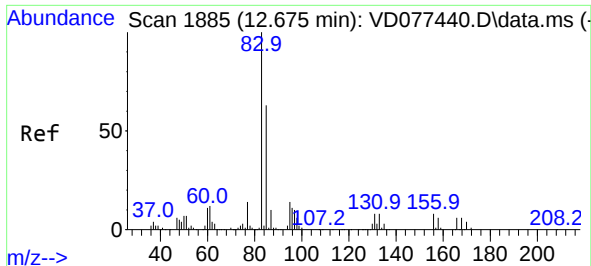
Tgt Ion:105 Resp: 75026
Ion Ratio Lower Upper
105 100
120 25.8 14.3 42.9



#74
N-ethyl acetate
Concen: 9.812 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 43 Resp: 15895
Ion Ratio Lower Upper
43 100
70 42.7 45.0 67.4#
55 24.6 23.8 35.6
61 24.9 22.1 33.1

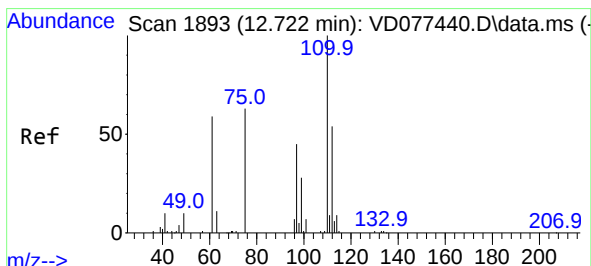
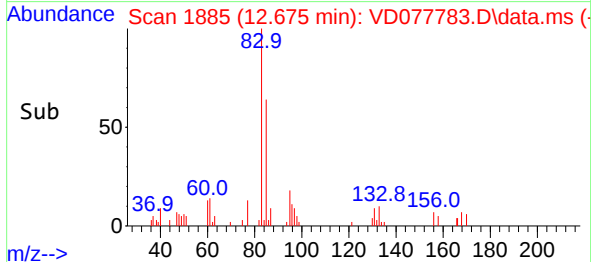
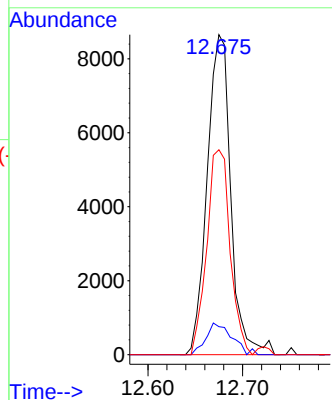
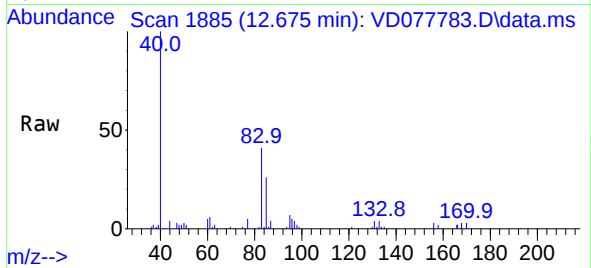




#75
1,1,2,2-Tetrachloroethane
Concen: 10.377 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

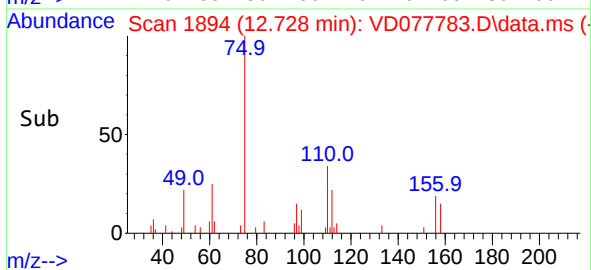
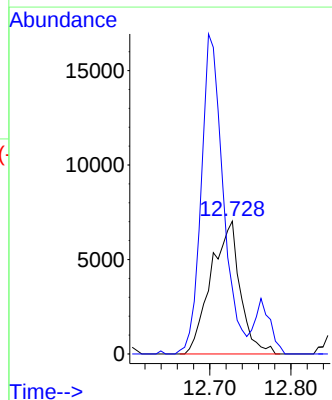
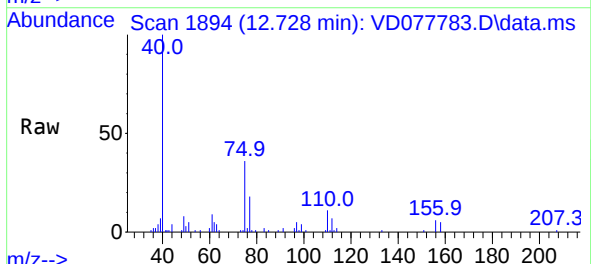
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

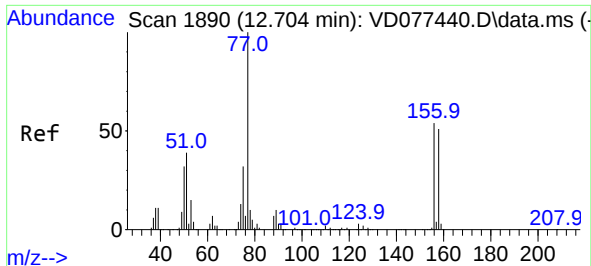
Tgt Ion: 83 Resp: 14972
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.3
85 63.3 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 18.932 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 75 Resp: 17585
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

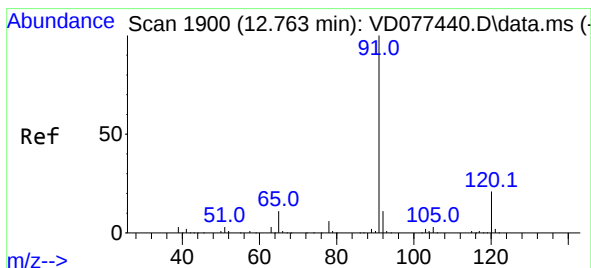
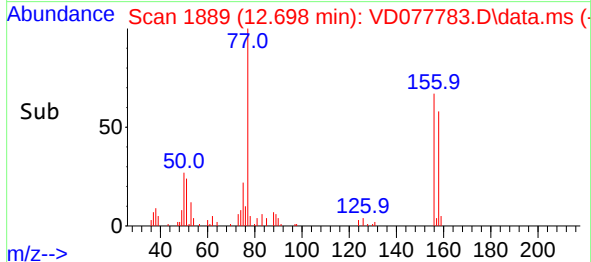
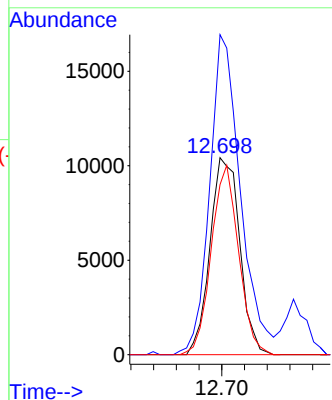
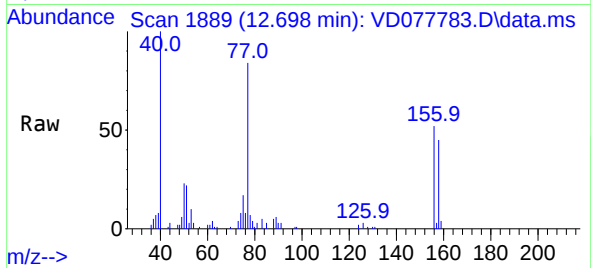




#77
Bromobenzene
Concen: 9.794 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

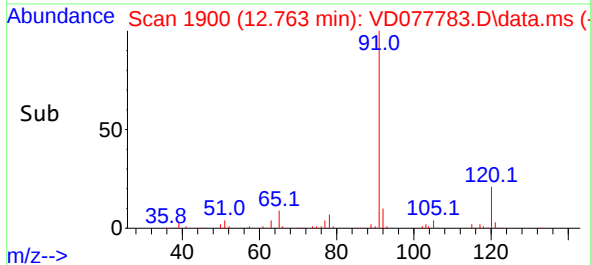
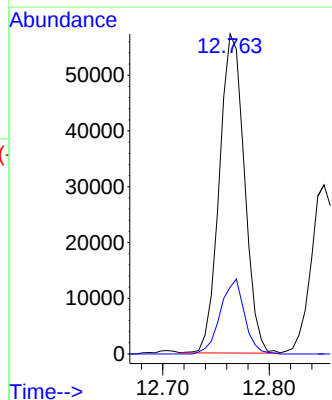
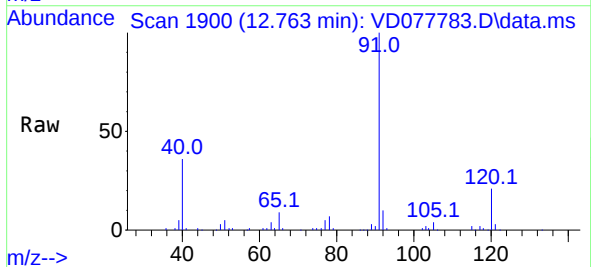
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

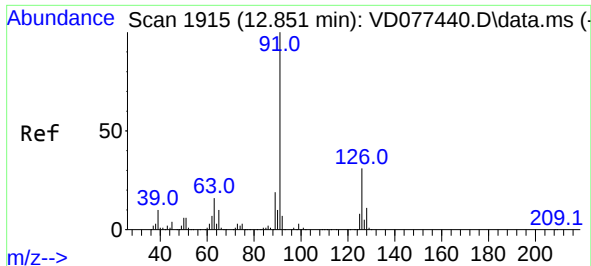
Tgt Ion:156 Resp: 18933
Ion Ratio Lower Upper
156 100
77 168.0 76.8 230.4
158 88.6 48.6 145.9



#78
n-propylbenzene
Concen: 9.373 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 91 Resp: 93167
Ion Ratio Lower Upper
91 100
120 22.6 12.4 37.2

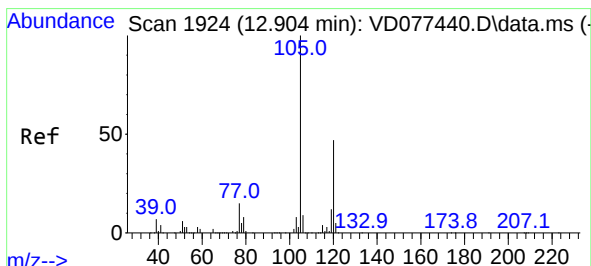
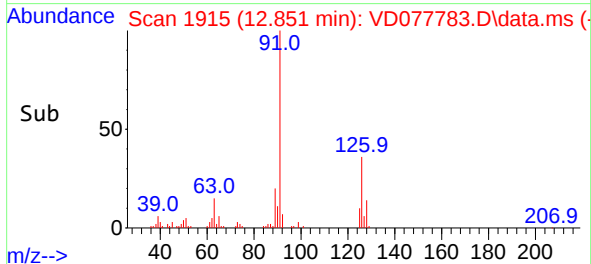
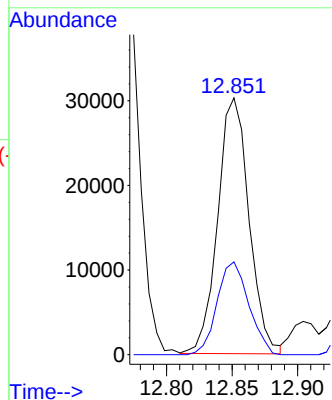
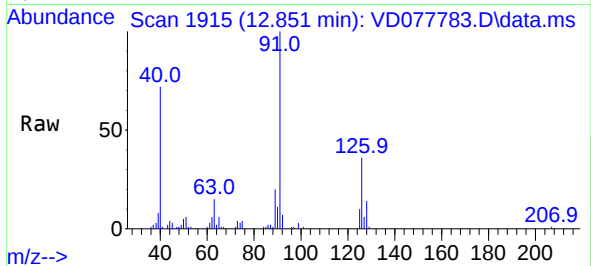




#79
2-Chlorotoluene
Concen: 9.402 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

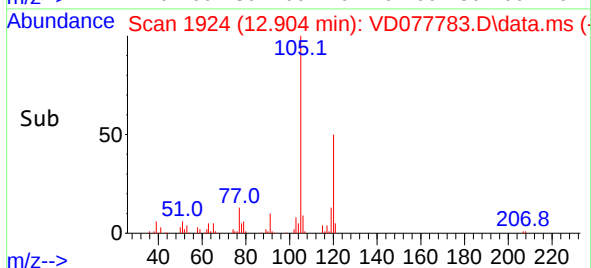
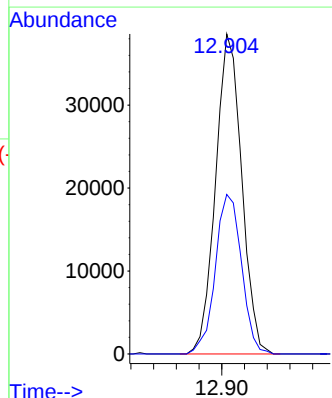
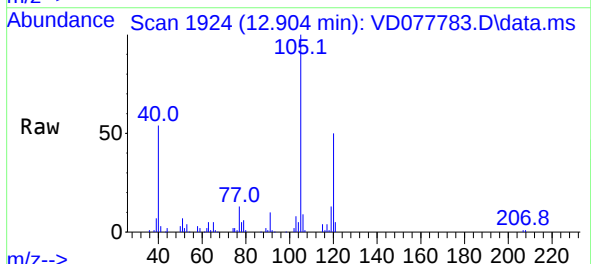
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

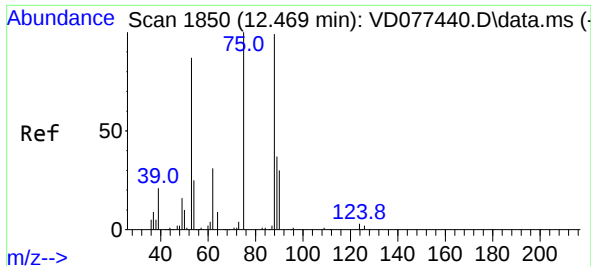
Tgt Ion: 91 Resp: 50236
Ion Ratio Lower Upper
91 100
126 36.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 8.972 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 105 Resp: 61521
Ion Ratio Lower Upper
105 100
120 50.2 26.4 79.2

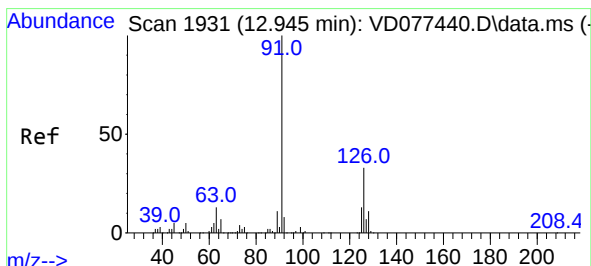
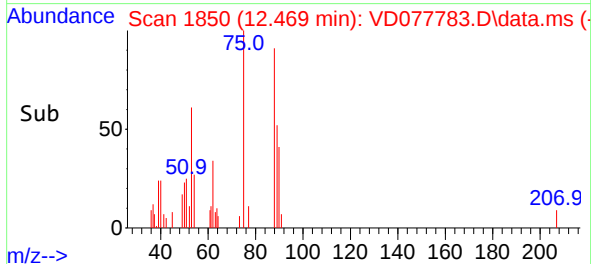
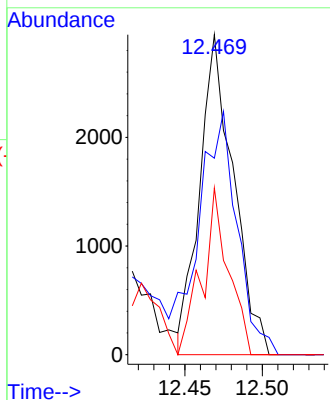
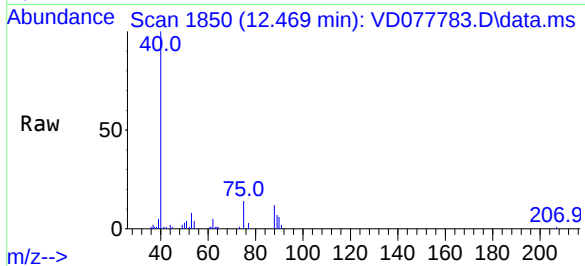




#81
trans-1,4-Dichloro-2-butene
Concen: 9.715 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

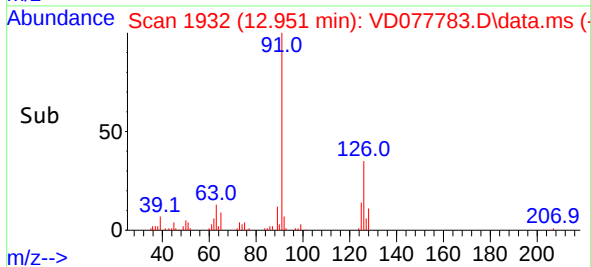
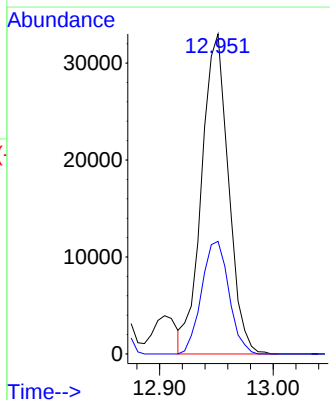
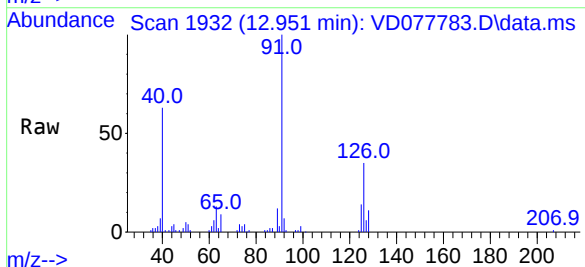
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

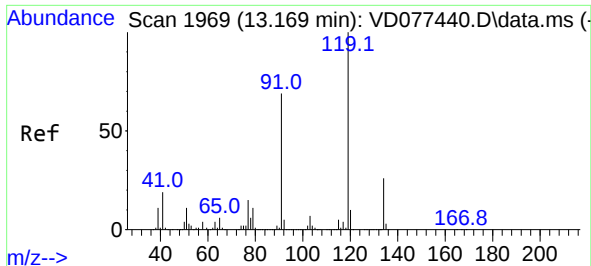
Tgt Ion: 75 Resp: 4459
Ion Ratio Lower Upper
75 100
53 86.9 63.0 94.4
89 40.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 9.732 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion: 91 Resp: 54156
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.4

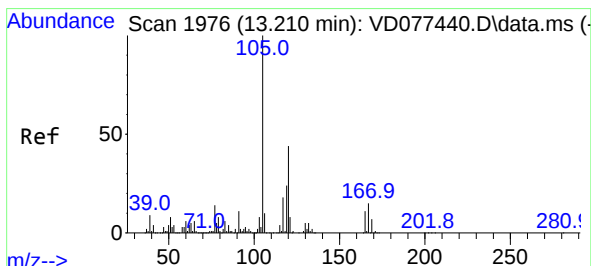
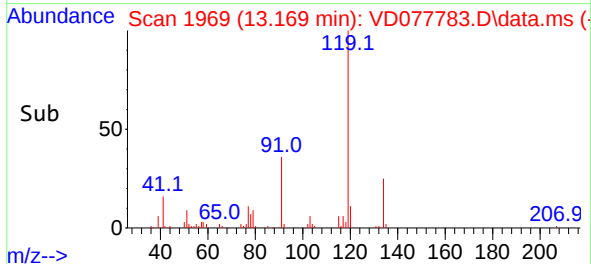
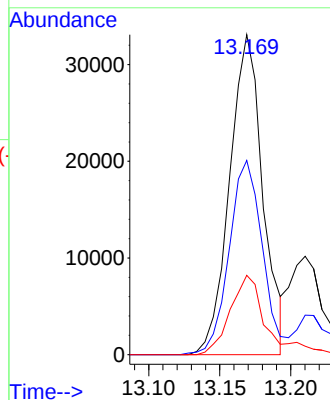
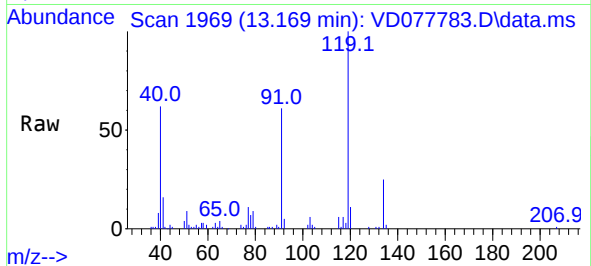




#83
tert-Butylbenzene
Concen: 9.331 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

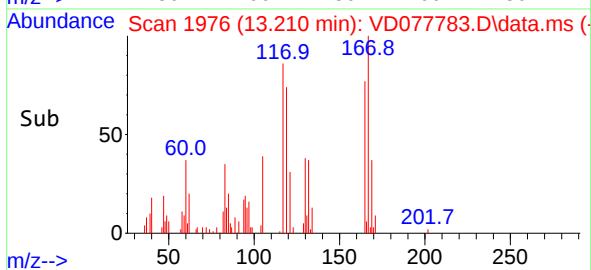
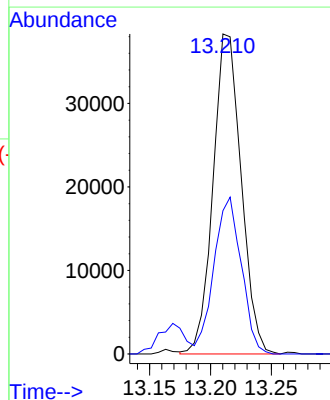
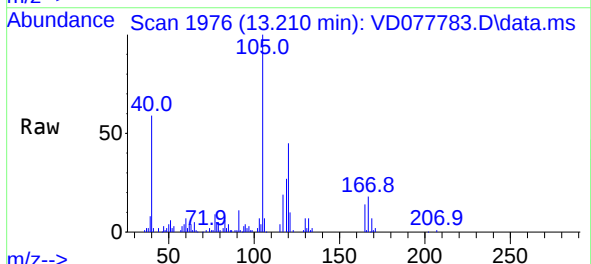
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

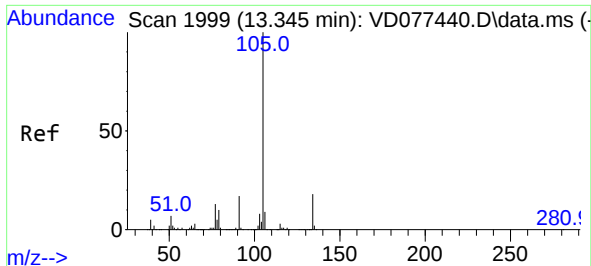
Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.3	29.3	87.8
134	26.8	14.1	42.3



#84
1,2,4-Trimethylbenzene
Concen: 9.031 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	24.3	72.9

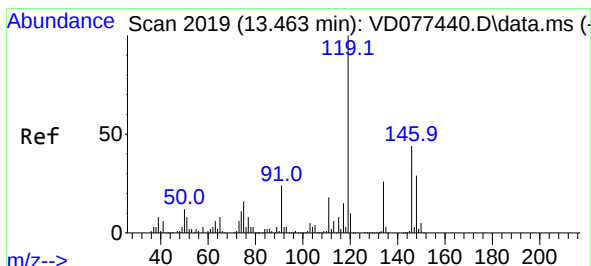
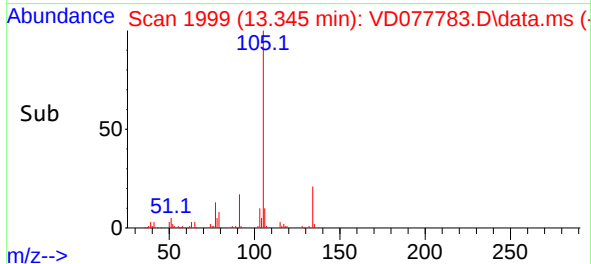
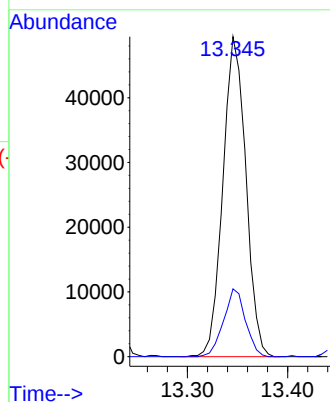
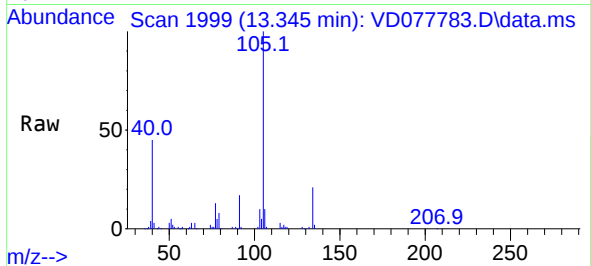




#85
 sec-Butylbenzene
 Concen: 9.211 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077783.D
 Acq: 08 Dec 2023 10:08

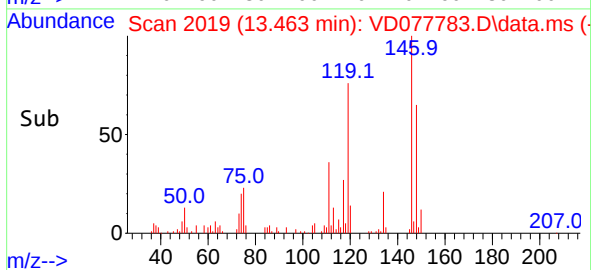
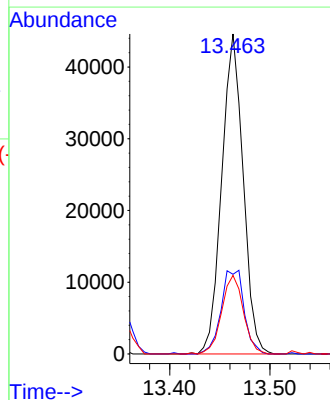
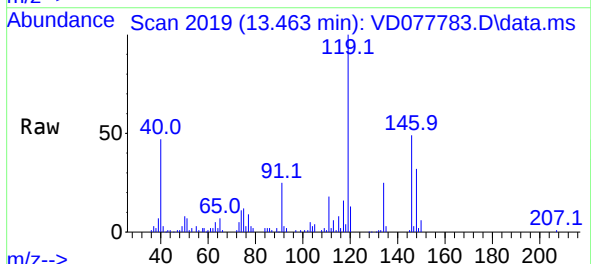
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

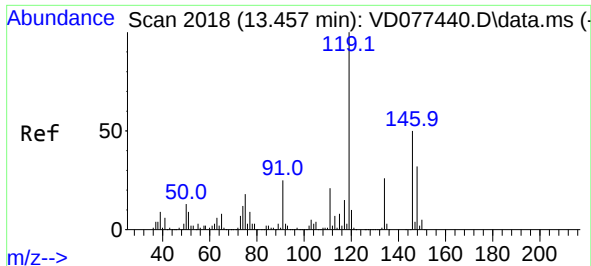
Tgt Ion:105 Resp: 78470
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 8.662 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077783.D
 Acq: 08 Dec 2023 10:08

Tgt Ion:119 Resp: 66016
 Ion Ratio Lower Upper
 119 100
 134 28.4 14.2 42.6
 91 24.9 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 9.221 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077783.D

Acq: 08 Dec 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

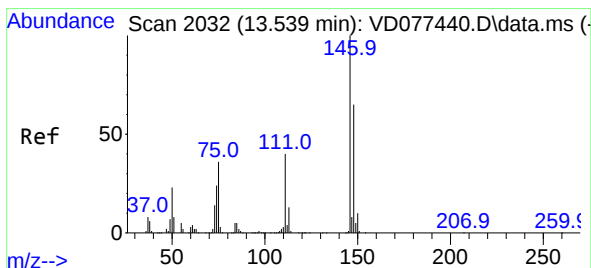
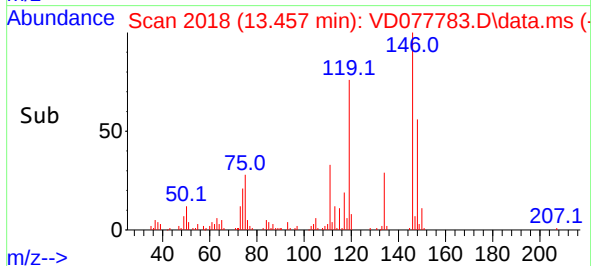
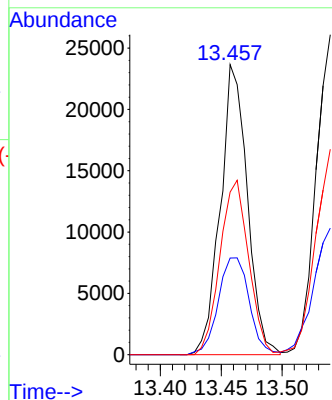
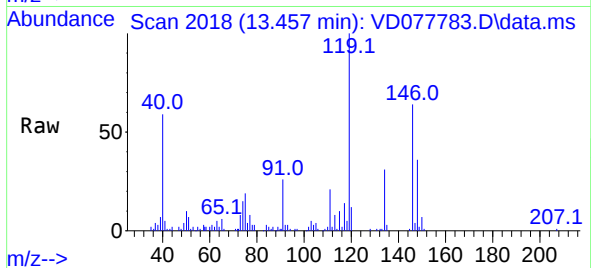
Tgt Ion:146 Resp: 36483

Ion Ratio Lower Upper

146 100

111 38.4 17.9 53.8

148 64.1 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 9.033 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD077783.D

Acq: 08 Dec 2023 10:08

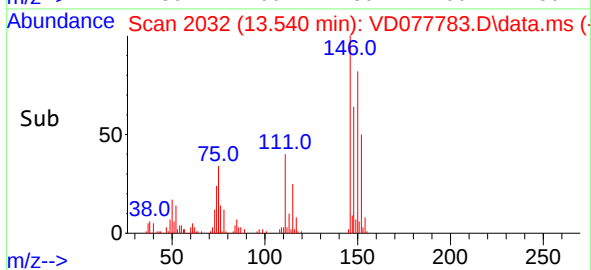
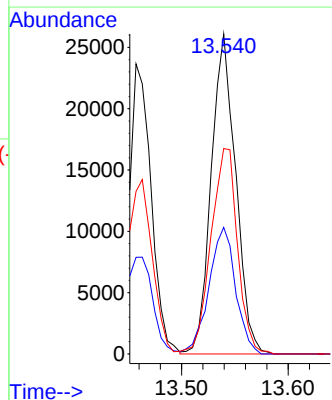
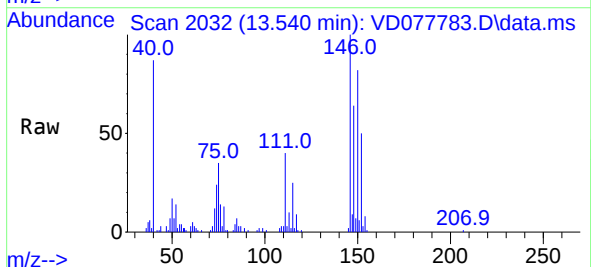
Tgt Ion:146 Resp: 41618

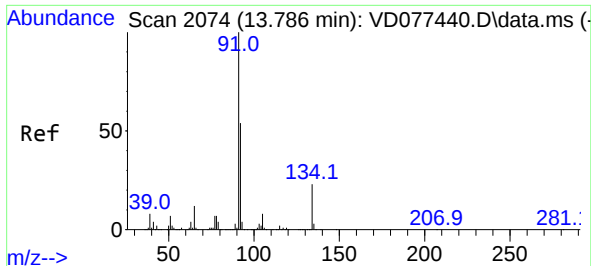
Ion Ratio Lower Upper

146 100

111 43.1 17.4 52.3

148 69.8 31.7 95.1

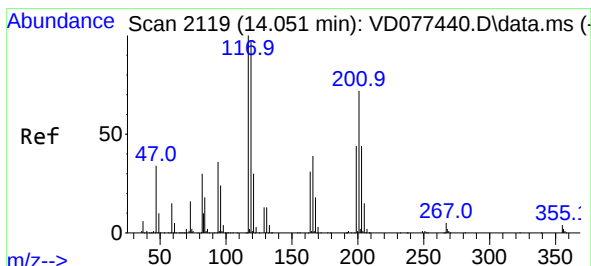
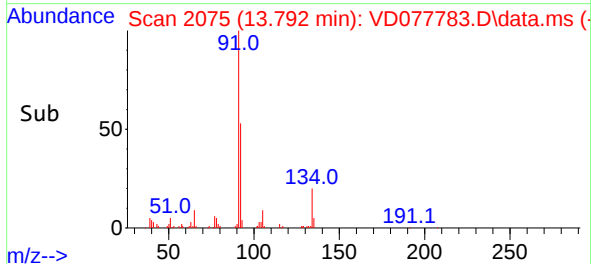
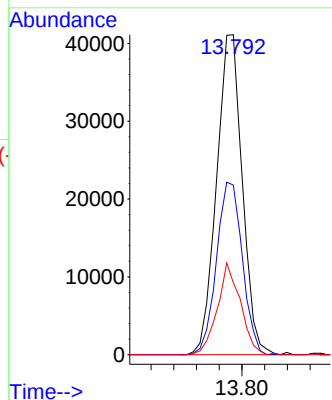
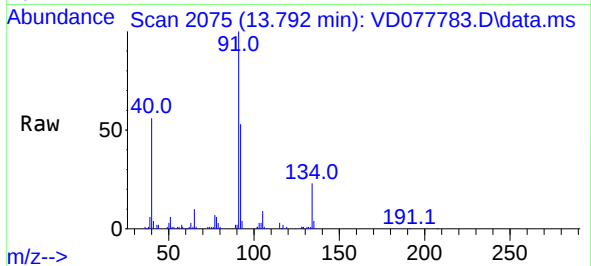




#89
n-Butylbenzene
Concen: 9.018 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

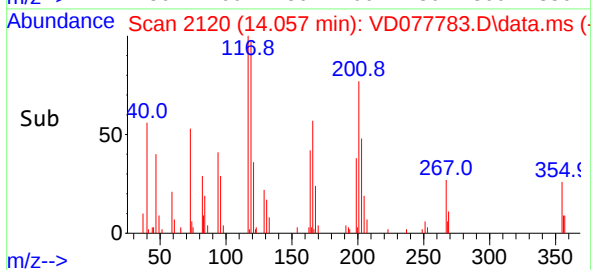
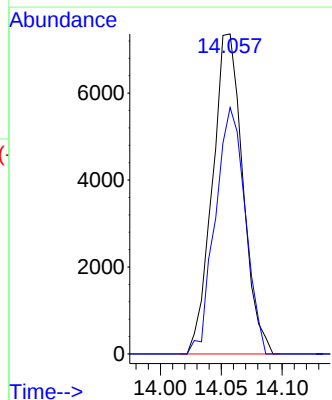
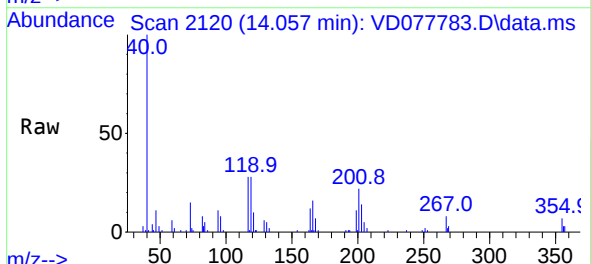
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

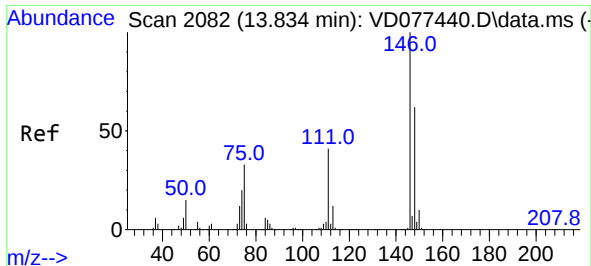
Tgt Ion:	91	Resp:	64646
Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.5	79.5
134	25.8	13.8	41.3



#90
Hexachloroethane
Concen: 9.067 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion:	117	Resp:	12778
Ion	Ratio	Lower	Upper
117	100		
201	76.1	38.5	115.5





#91

1,2-Dichlorobenzene

Concen: 9.588 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077783.D

Acq: 08 Dec 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

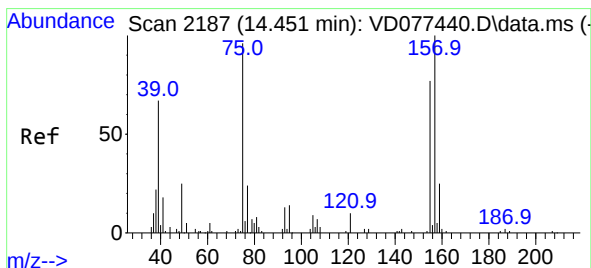
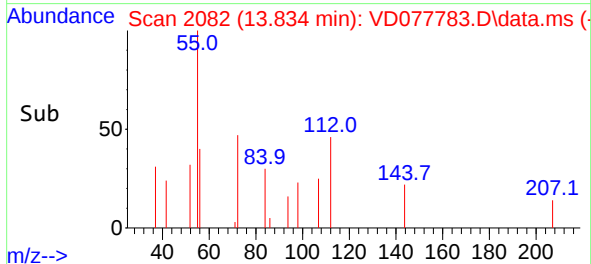
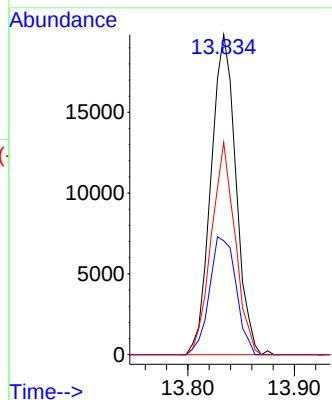
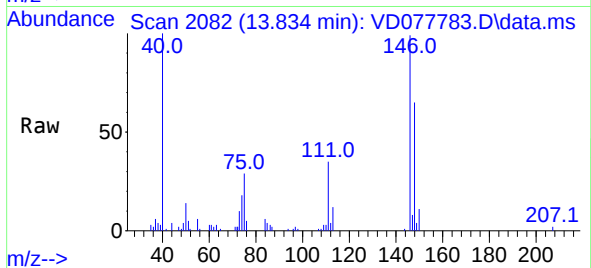
Tgt Ion:146 Resp: 32186

Ion Ratio Lower Upper

146 100

111 39.3 18.3 54.8

148 63.5 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.433 ug/l

RT: 14.440 min Scan# 2185

Delta R.T. -0.011 min

Lab File: VD077783.D

Acq: 08 Dec 2023 10:08

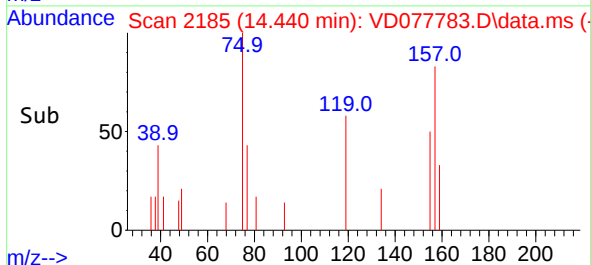
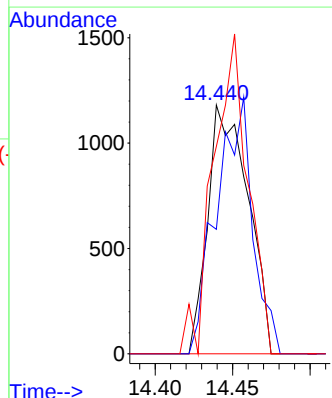
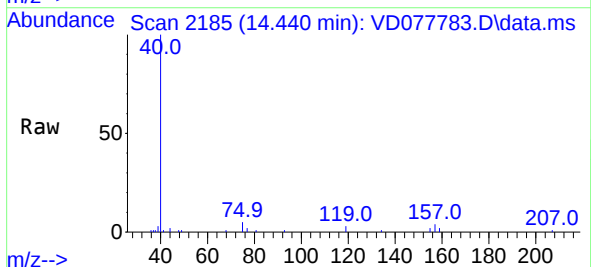
Tgt Ion: 75 Resp: 2131

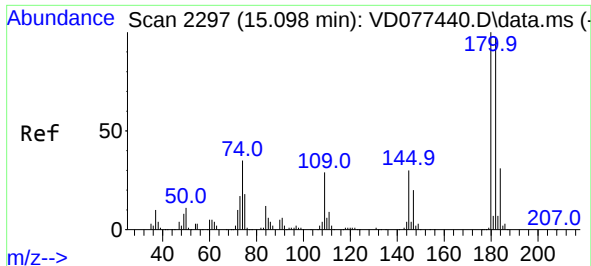
Ion Ratio Lower Upper

75 100

155 92.6 47.9 143.8

157 111.2 59.9 179.7

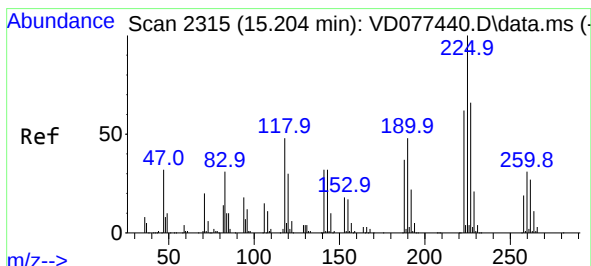
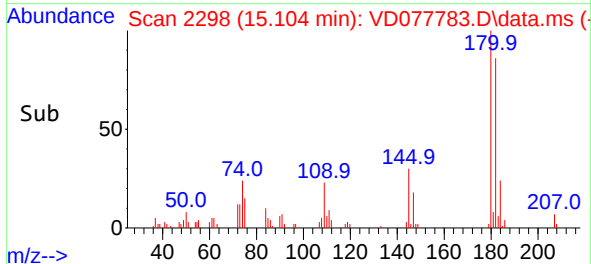
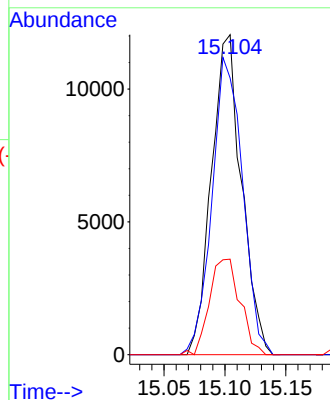
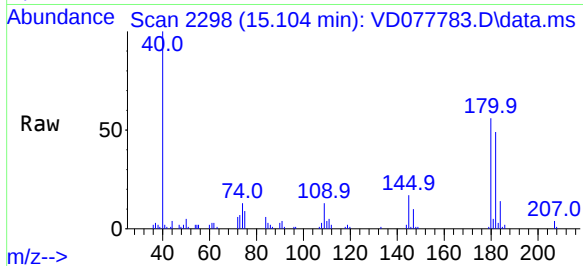




#93
1,2,4-Trichlorobenzene
Concen: 9.073 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

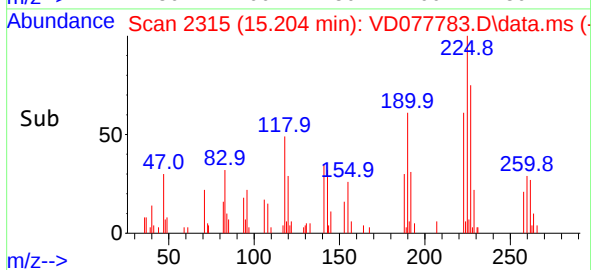
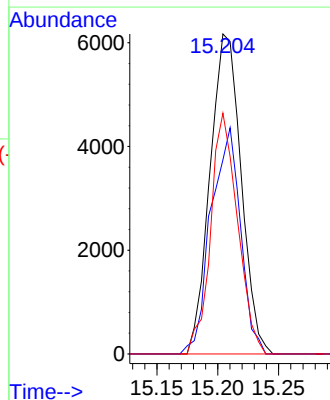
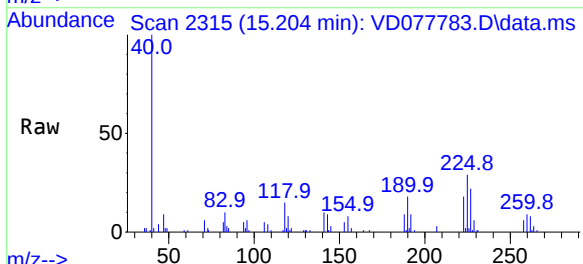
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

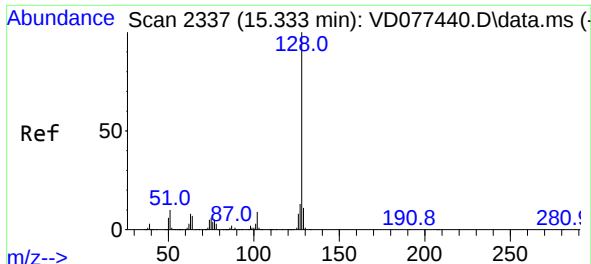
Tgt Ion:180 Resp: 20684
Ion Ratio Lower Upper
180 100
182 94.4 48.5 145.6
145 30.5 14.2 42.6



#94
Hexachlorobutadiene
Concen: 8.953 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion:225 Resp: 10962
Ion Ratio Lower Upper
225 100
223 67.1 31.6 94.8
227 65.0 31.7 95.1

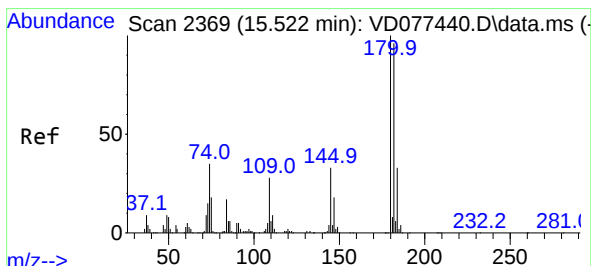
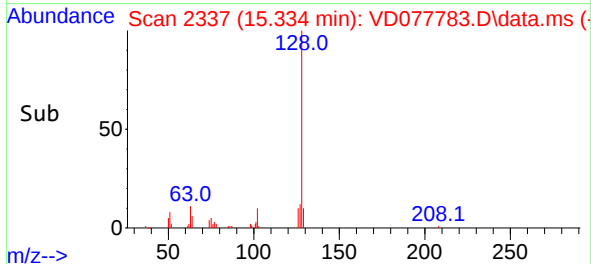
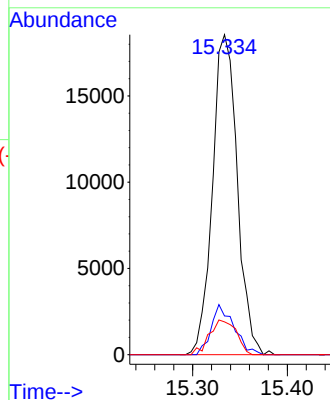
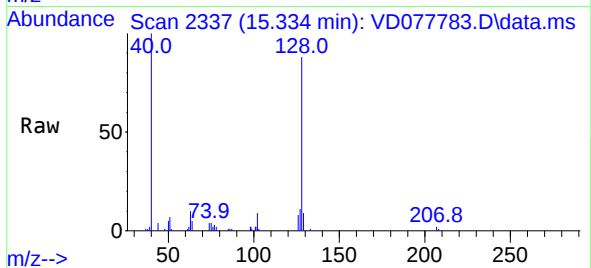




#95
Naphthalene
Concen: 8.911 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:	128	Resp:	33700
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.5	15.7
129	10.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 9.326 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD077783.D
Acq: 08 Dec 2023 10:08

Tgt Ion:	180	Resp:	17362
Ion	Ratio	Lower	Upper
180	100		
182	89.4	47.3	141.9
145	28.5	15.1	45.3

