

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077835.D
 Acq On : 12 Dec 2023 11:30
 Operator : JC/SY
 Sample : VD1212SBS03
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBS03

Quant Time: Dec 12 13:52:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	154169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	256913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	231390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	118411	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75961	41.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.620%
35) Dibromofluoromethane	7.810	113	76570	42.549	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.100%
50) Toluene-d8	10.269	98	313245	43.460	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.920%
62) 4-Bromofluorobenzene	12.575	95	89963	41.748	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.500%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	39968	20.754	ug/l	99
3) Chloromethane	2.152	50	56210	21.413	ug/l	100
4) Vinyl Chloride	2.293	62	75722	21.249	ug/l	97
5) Bromomethane	2.693	94	45914	22.961	ug/l	100
6) Chloroethane	2.840	64	50701	20.868	ug/l	98
7) Trichlorofluoromethane	3.181	101	67489	20.563	ug/l	100
8) Diethyl Ether	3.599	74	18790	20.388	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.969	101	39548	21.063	ug/l	94
10) Methyl Iodide	4.169	142	34535	24.898	ug/l	90
11) Tert butyl alcohol	5.046	59	5450	53.435	ug/l	98
12) 1,1-Dichloroethene	3.952	96	37955	20.481	ug/l #	83
13) Acrolein	3.799	56	18303	95.244	ug/l	100
14) Allyl chloride	4.569	41	51034	20.023	ug/l #	88
15) Acrylonitrile	5.263	53	40832	103.478	ug/l	98
16) Acetone	4.028	43	57790	132.343	ug/l	90
17) Carbon Disulfide	4.275	76	122388	19.521	ug/l	100
18) Methyl Acetate	4.563	43	28034	19.594	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	80122	20.378	ug/l	97
20) Methylene Chloride	4.805	84	45532	18.070	ug/l #	79
21) trans-1,2-Dichloroethene	5.316	96	42698	20.342	ug/l	98
22) Diisopropyl ether	6.222	45	107774	20.235	ug/l #	92
23) Vinyl Acetate	6.163	43	259303	99.694	ug/l #	92
24) 1,1-Dichloroethane	6.122	63	73992	20.514	ug/l	98
25) 2-Butanone	7.087	43	59268	110.293	ug/l #	77
26) 2,2-Dichloropropane	7.087	77	60906	20.112	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	48276	21.374	ug/l	89
28) Bromochloromethane	7.428	49	26408	18.119	ug/l #	74
29) Tetrahydrofuran	7.452	42	28258	97.682	ug/l	88
30) Chloroform	7.604	83	72809	20.170	ug/l	94
31) Cyclohexane	7.881	56	63808	19.747	ug/l	88
32) 1,1,1-Trichloroethane	7.804	97	63867	20.069	ug/l	99
36) 1,1-Dichloropropene	8.016	75	57087	19.832	ug/l	94
37) Ethyl Acetate	7.169	43	20013	17.830	ug/l	97
38) Carbon Tetrachloride	7.993	117	57772	20.132	ug/l	90
39) Methylcyclohexane	9.275	83	69473	20.358	ug/l	91
40) Benzene	8.251	78	166910	20.430	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	12405	21.745	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	44708	21.111	ug/l	94
43) Isopropyl Acetate	8.369	43	40783	20.440	ug/l	93
44) Trichloroethene	9.028	130	43941	20.639	ug/l	94
45) 1,2-Dichloropropane	9.310	63	41710	21.001	ug/l	99
46) Dibromomethane	9.398	93	21746	20.694	ug/l	94
47) Bromodichloromethane	9.587	83	54814	20.579	ug/l	99
48) Methyl methacrylate	9.381	41	23840	21.020	ug/l #	77
49) 1,4-Dioxane	9.387	88	3884	372.219	ug/l #	65
51) 4-Methyl-2-Pentanone	10.163	43	106730	104.814	ug/l	89
52) Toluene	10.334	92	105565	20.830	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	51490	20.130	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	64051	20.712	ug/l #	85
55) 1,1,2-Trichloroethane	10.734	97	28562	19.870	ug/l	95
56) Ethyl methacrylate	10.598	69	25655	20.247	ug/l #	82
57) 1,3-Dichloropropane	10.881	76	50195	20.259	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	60360	83.531	ug/l	95
59) 2-Hexanone	10.922	43	92902	109.967	ug/l	86
60) Dibromochloromethane	11.075	129	35646	20.597	ug/l	93
61) 1,2-Dibromoethane	11.181	107	27502	20.325	ug/l	96
64) Tetrachloroethene	10.810	164	36447	21.431	ug/l	93
65) Chlorobenzene	11.610	112	111179	19.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	38785	20.157	ug/l	97
67) Ethyl Benzene	11.687	91	195988	20.345	ug/l	99
68) m/p-Xylenes	11.792	106	149910	40.683	ug/l	90
69) o-Xylene	12.122	106	68706	20.231	ug/l	91
70) Styrene	12.139	104	102689	20.336	ug/l	92
71) Bromoform	12.304	173	20522	20.412	ug/l #	98
73) Isopropylbenzene	12.422	105	186005	20.726	ug/l	98
74) N-amyl acetate	12.234	43	34428	19.516	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	33723	21.551	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	42346	41.176	ug/l #	100
77) Bromobenzene	12.704	156	42885	20.316	ug/l	91
78) n-propylbenzene	12.763	91	227612	20.814	ug/l	96
79) 2-Chlorotoluene	12.851	91	122243	20.859	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	154569	20.650	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	10243	20.180	ug/l	92
82) 4-Chlorotoluene	12.951	91	131835	21.518	ug/l	95
83) tert-Butylbenzene	13.169	119	134289	21.251	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	155445	20.763	ug/l	98
85) sec-Butylbenzene	13.345	105	197056	21.097	ug/l	97
86) p-Isopropyltoluene	13.463	119	172325	20.606	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	89365	20.702	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	86855	19.168	ug/l	94
89) n-Butylbenzene	13.792	91	168195	21.374	ug/l	97
90) Hexachloroethane	14.057	117	32904	21.394	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	75724	20.626	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5365	23.141	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	49537	19.754	ug/l	98
94) Hexachlorobutadiene	15.204	225	27047	20.001	ug/l	98
95) Naphthalene	15.333	128	87675	21.042	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	41101	19.880	ug/l	99

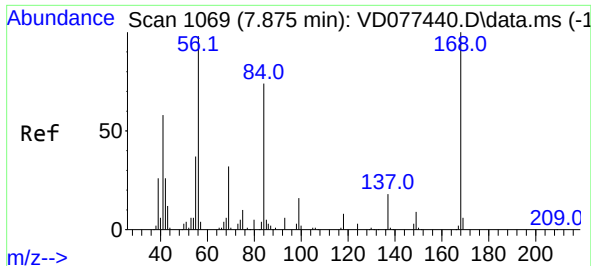
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Quant Title : SW846 8260
QLast Update : Fri Dec 08 13:33:18 2023
Response via : Initial Calibration

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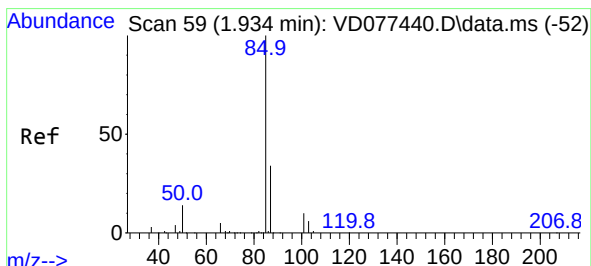
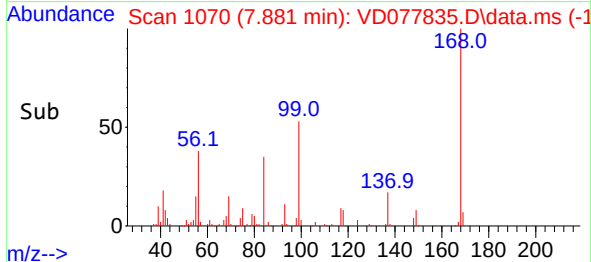
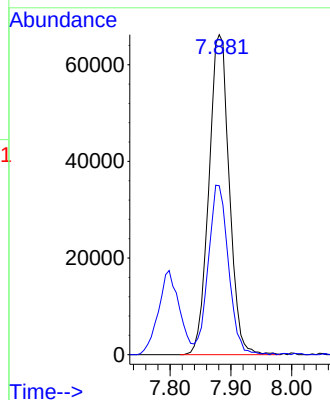
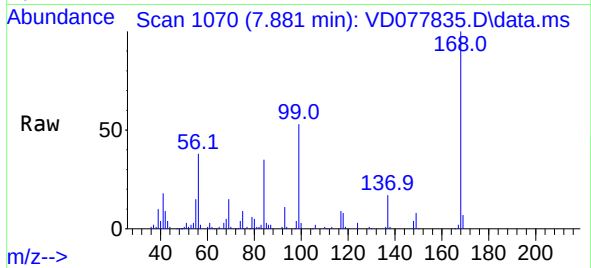
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

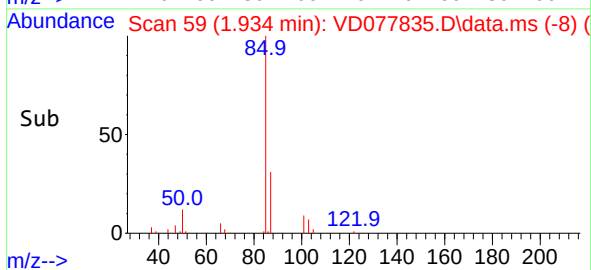
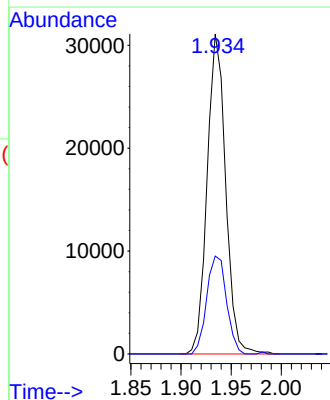
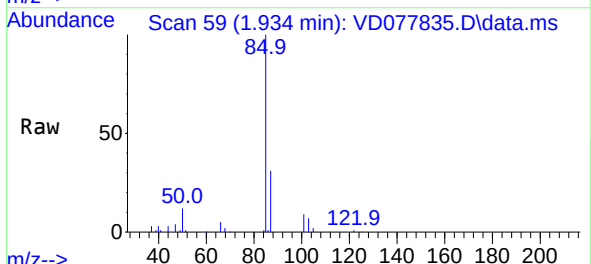
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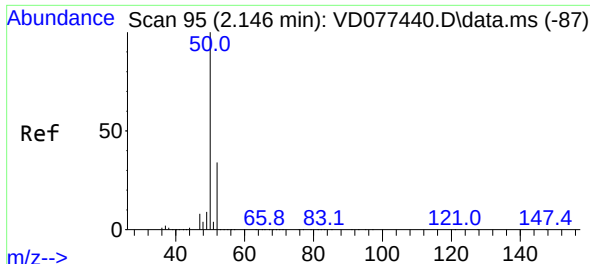
Tgt Ion:168 Resp: 154169
Ion Ratio Lower Upper
168 100
99 52.5 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 20.754 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 85 Resp: 39968
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.0

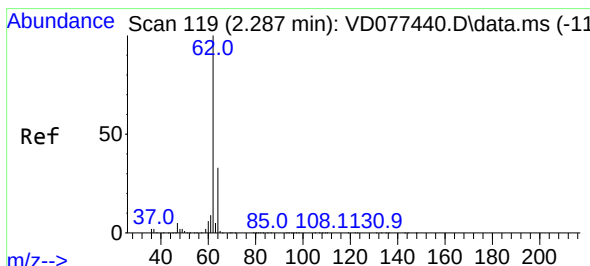
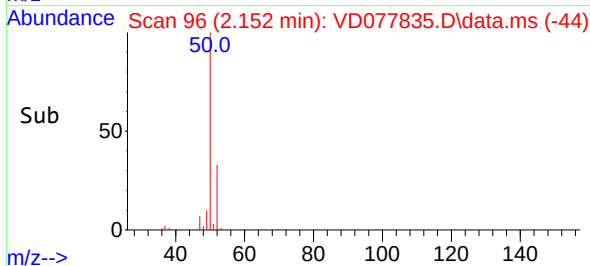
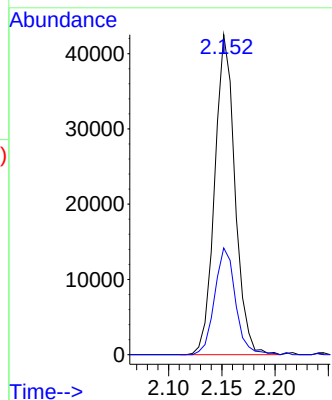
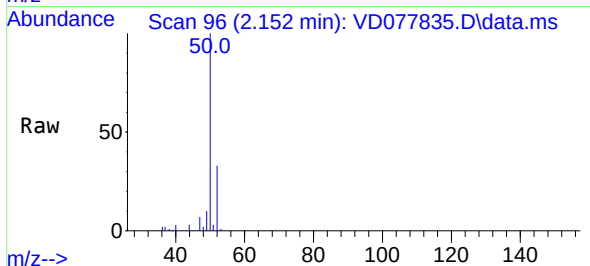




#3
Chloromethane
Concen: 21.413 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

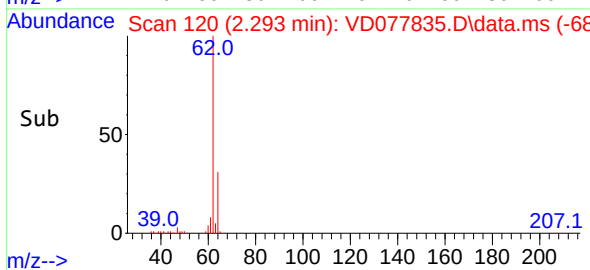
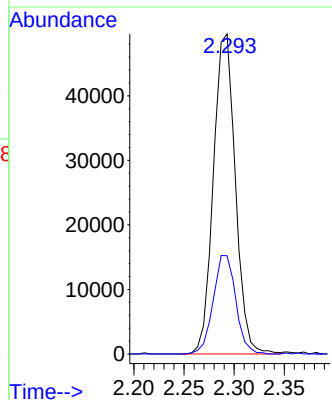
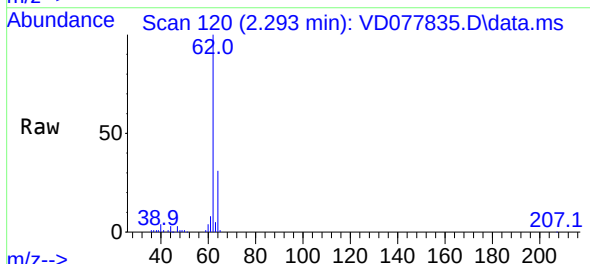
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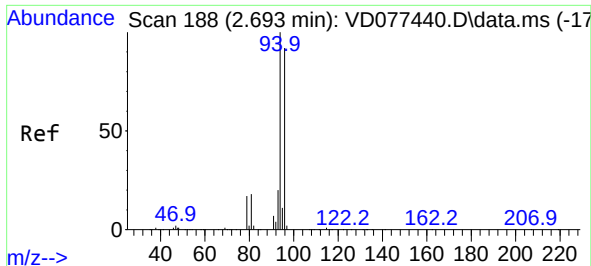
Tgt Ion: 50 Resp: 56210
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0



#4
Vinyl Chloride
Concen: 21.249 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 62 Resp: 75722
Ion Ratio Lower Upper
62 100
64 30.7 26.0 39.0

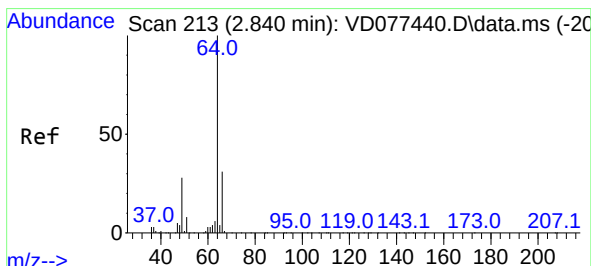
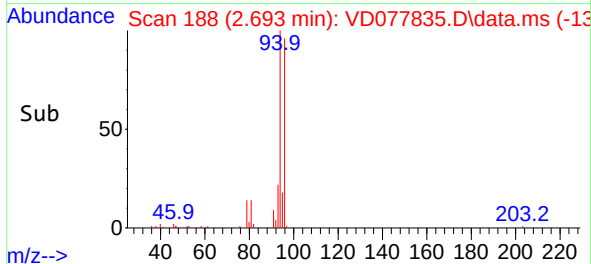
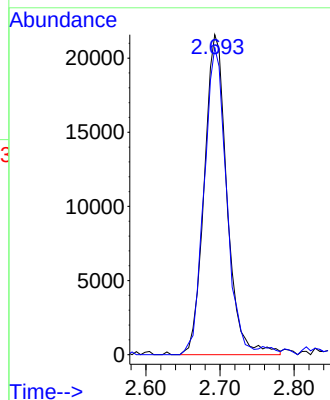
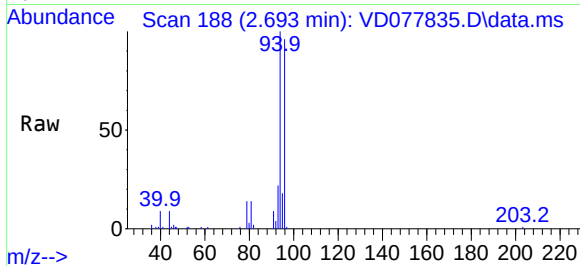




#5
Bromomethane
Concen: 22.961 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

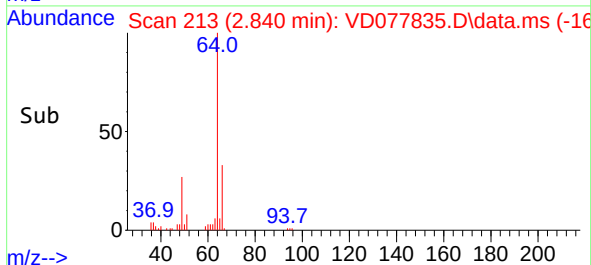
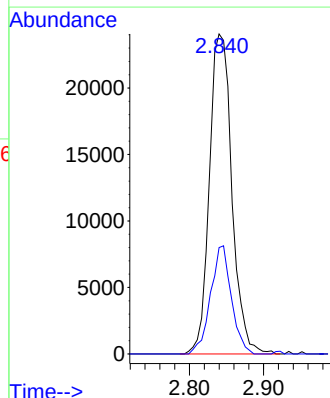
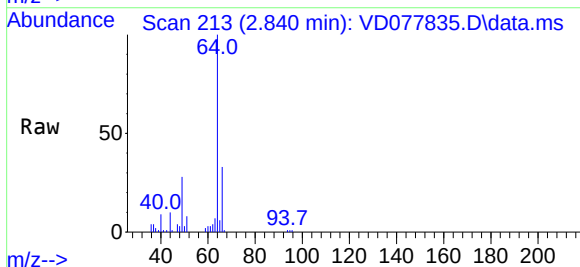
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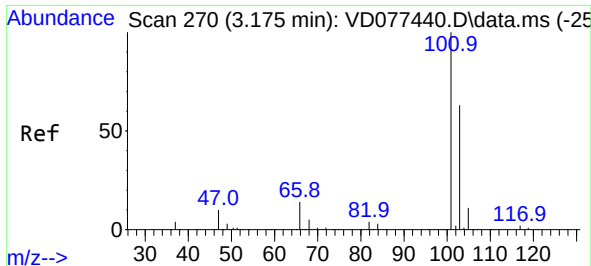
Tgt Ion: 94 Resp: 45914
Ion Ratio Lower Upper
94 100
96 94.4 75.8 113.8



#6
Chloroethane
Concen: 20.868 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 64 Resp: 50701
Ion Ratio Lower Upper
64 100
66 33.3 25.5 38.3

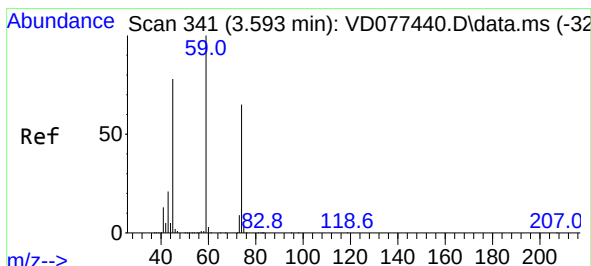
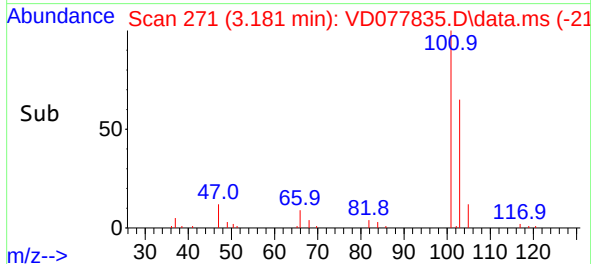
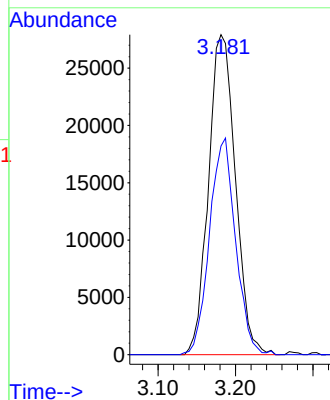
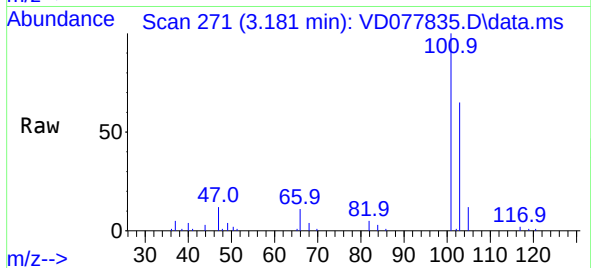




#7
Trichlorofluoromethane
Concen: 20.563 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

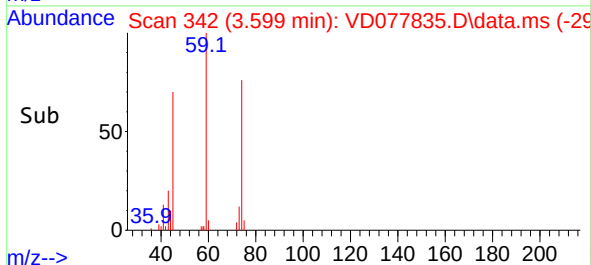
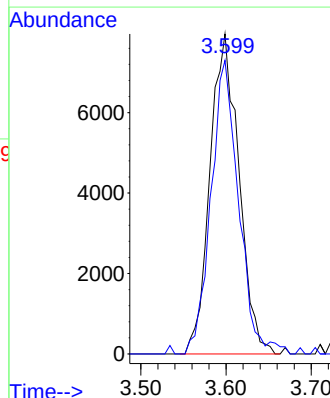
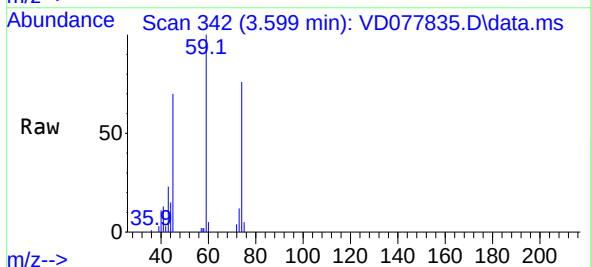
Instrument :
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ClientSampleId :
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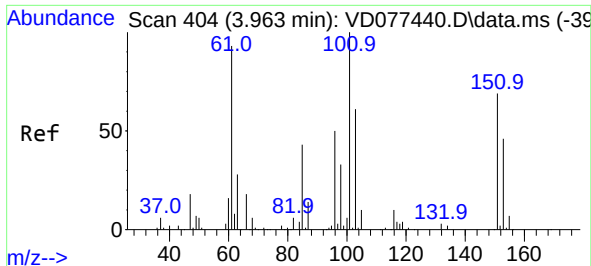
Tgt Ion:101 Resp: 67489
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5



#8
Diethyl Ether
Concen: 20.388 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 74 Resp: 18790
Ion Ratio Lower Upper
74 100
45 87.7 37.5 112.7

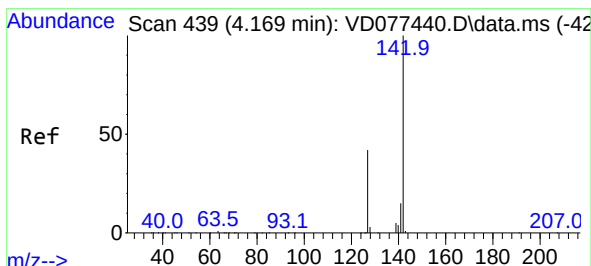
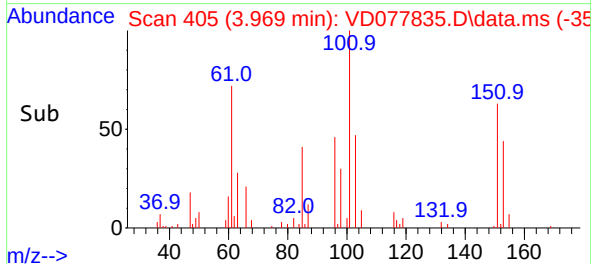
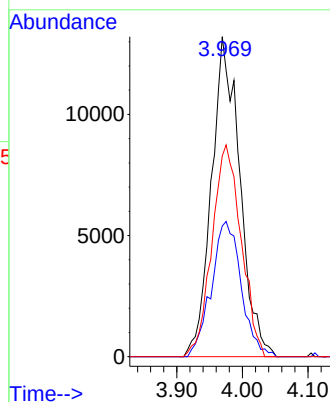
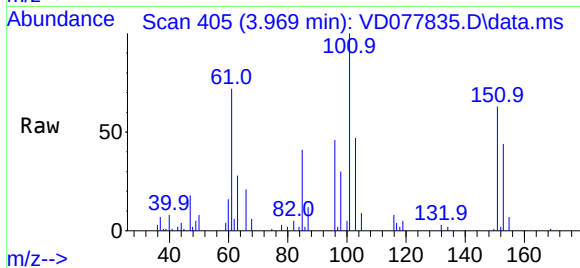




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.063 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

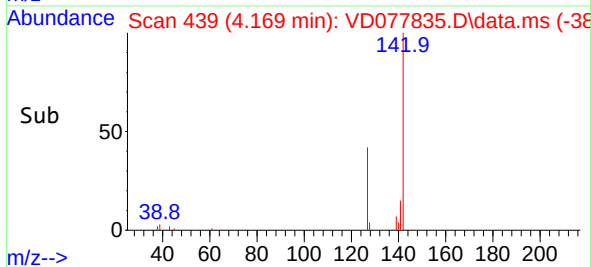
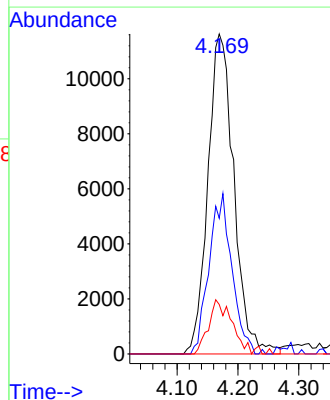
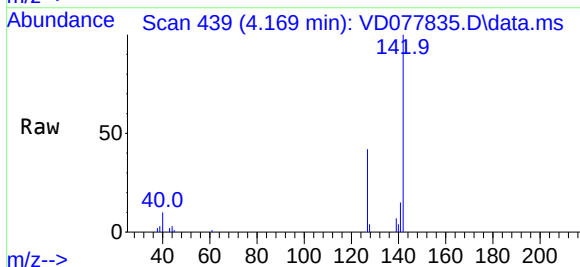
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

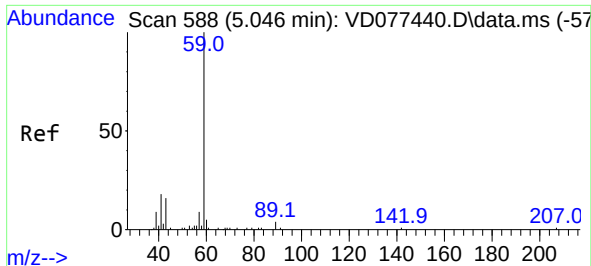
Tgt Ion:101 Resp: 39548
Ion Ratio Lower Upper
101 100
85 44.7 33.8 50.6
151 68.2 59.8 89.6



#10
Methyl Iodide
Concen: 24.898 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion:142 Resp: 34535
Ion Ratio Lower Upper
142 100
127 44.0 29.4 44.0
141 15.2 11.1 16.7

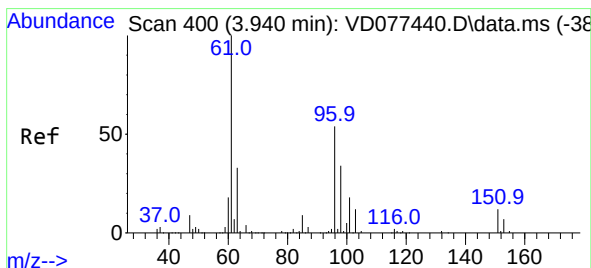
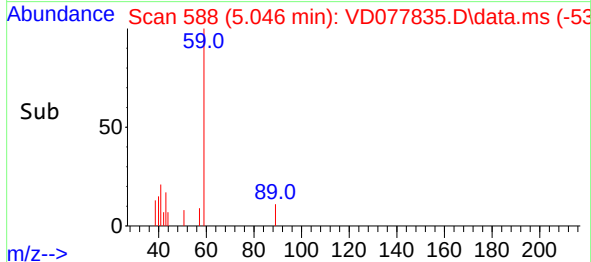
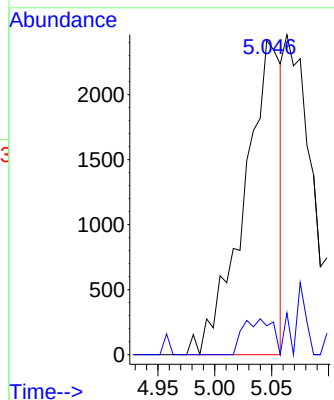
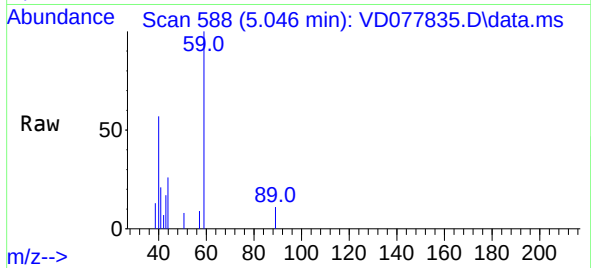




#11
Tert butyl alcohol
Concen: 53.435 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

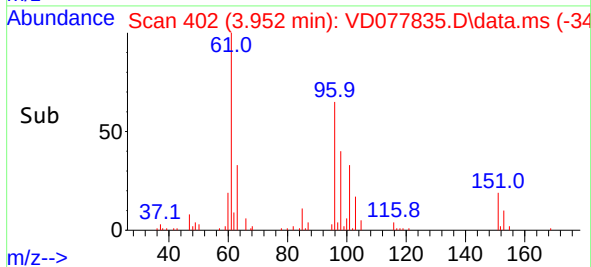
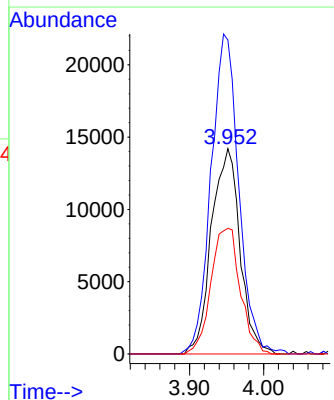
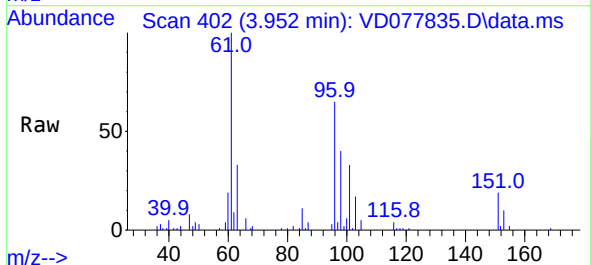
Instrument :
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ClientSampleId :
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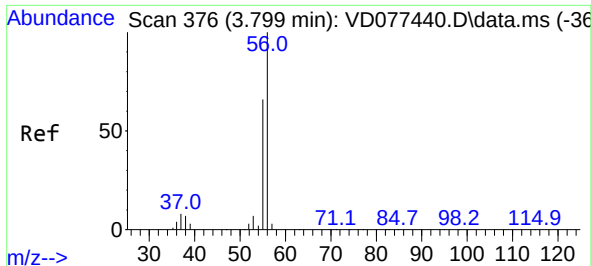
Tgt Ion: 59 Resp: 5450
Ion Ratio Lower Upper
59 100
57 9.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 20.481 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 96 Resp: 37955
Ion Ratio Lower Upper
96 100
61 152.9 100.6 150.8#
98 61.2 50.2 75.2

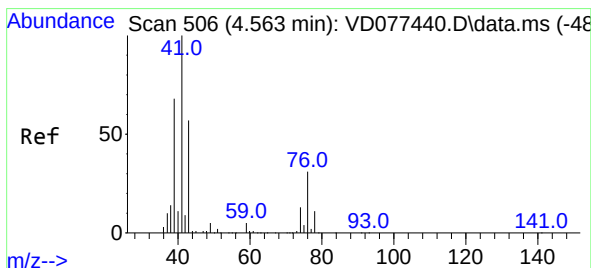
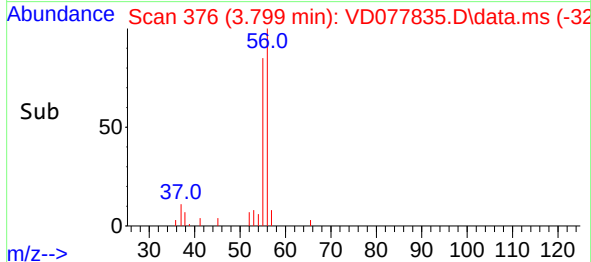
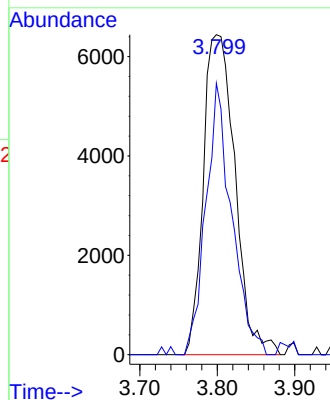
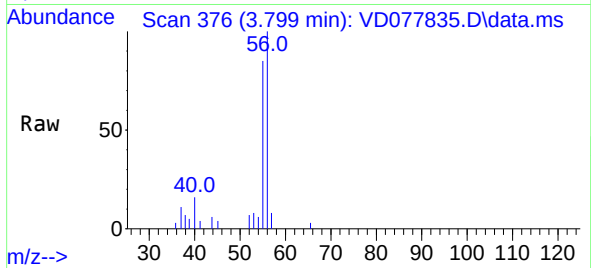




#13
Acrolein
Concen: 95.244 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

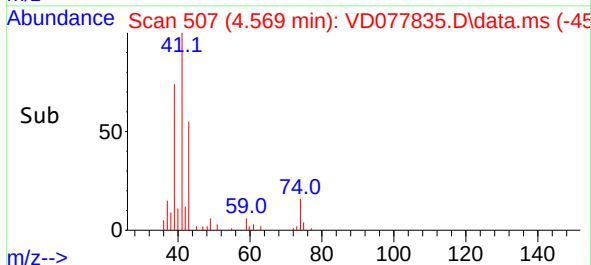
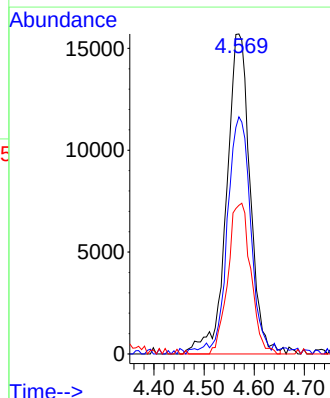
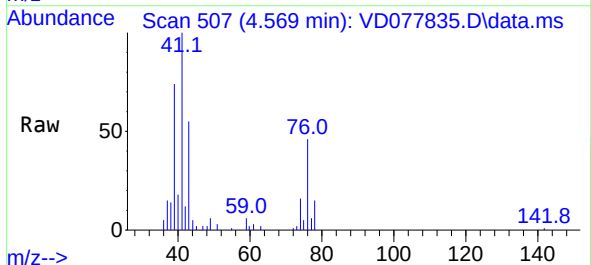
Instrument :
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ClientSampleId :
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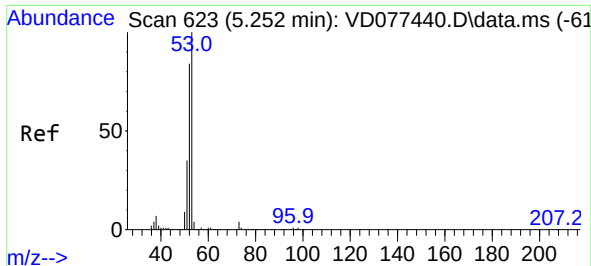
Tgt Ion: 56 Resp: 18303
Ion Ratio Lower Upper
56 100
55 69.2 55.1 82.7



#14
Allyl chloride
Concen: 20.023 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 41 Resp: 51034
Ion Ratio Lower Upper
41 100
39 73.6 53.8 80.6
76 45.7 45.8 68.8#

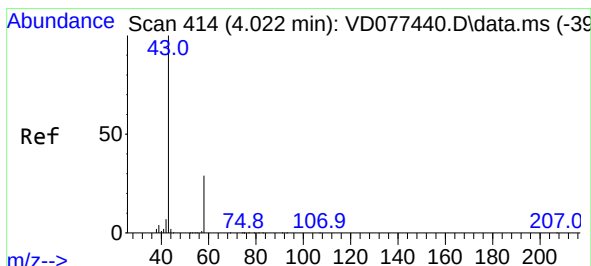
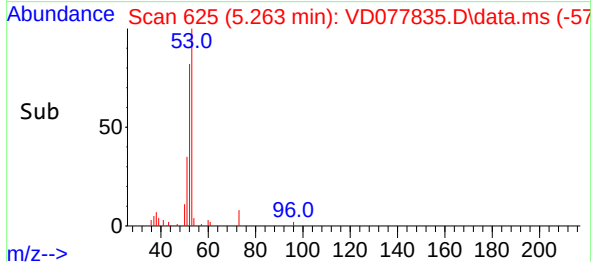
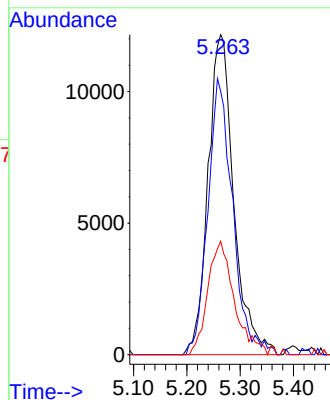
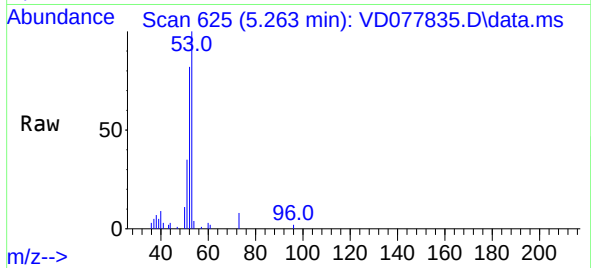




#15
Acrylonitrile
Concen: 103.478 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

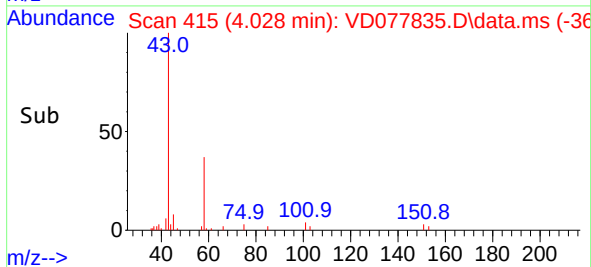
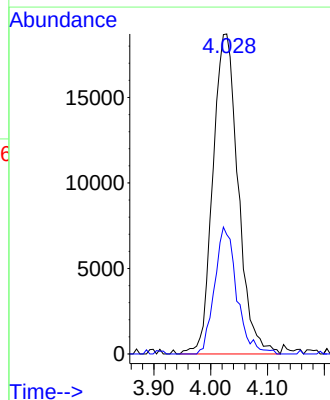
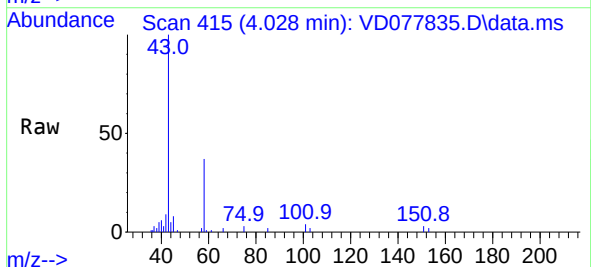
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

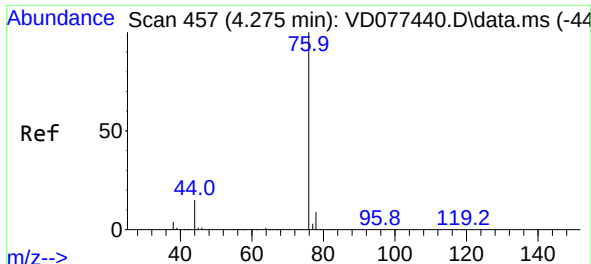
Tgt Ion: 53 Resp: 40832
Ion Ratio Lower Upper
53 100
52 83.1 65.0 97.4
51 36.6 28.3 42.5



#16
Acetone
Concen: 132.343 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 43 Resp: 57790
Ion Ratio Lower Upper
43 100
58 37.3 34.7 52.1

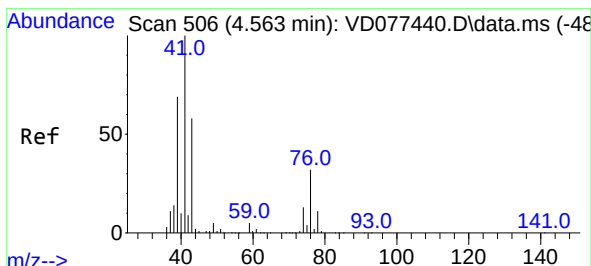
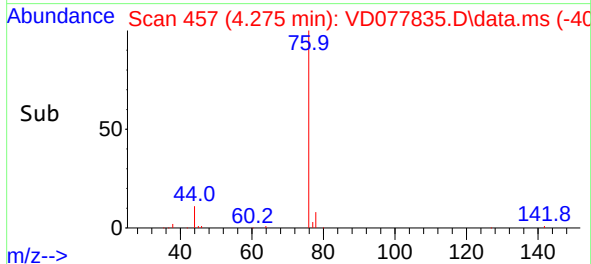
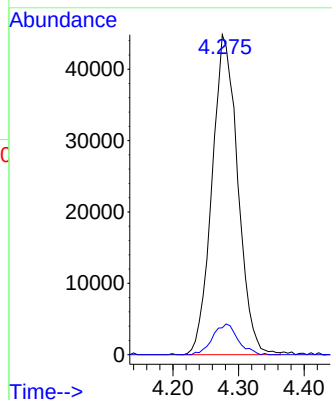
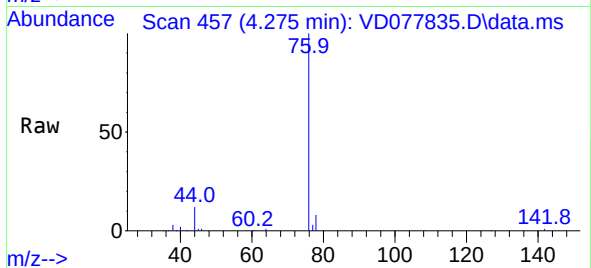




#17
Carbon Disulfide
Concen: 19.521 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

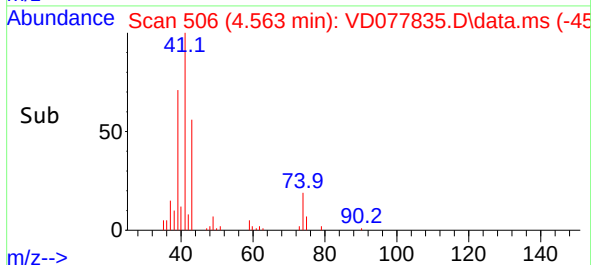
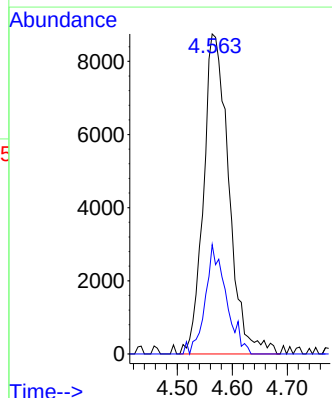
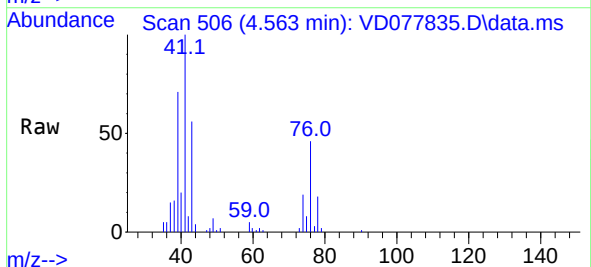
Instrument :
MSVOA_D
ClientSampleId :
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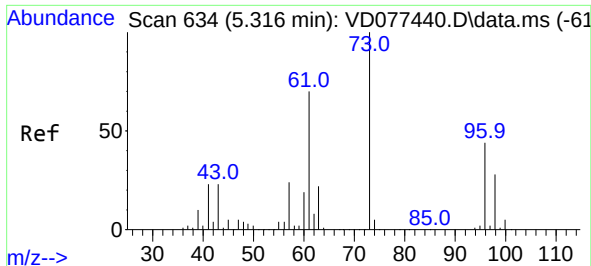
Tgt Ion: 76 Resp: 122388
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 19.594 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 43 Resp: 28034
Ion Ratio Lower Upper
43 100
74 28.2 26.4 39.6

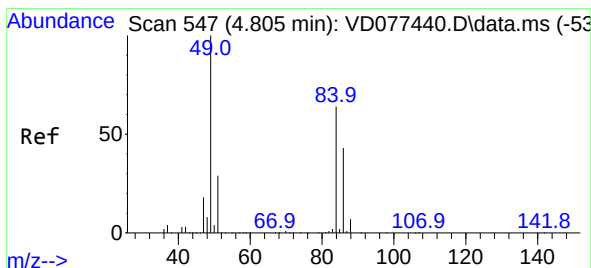
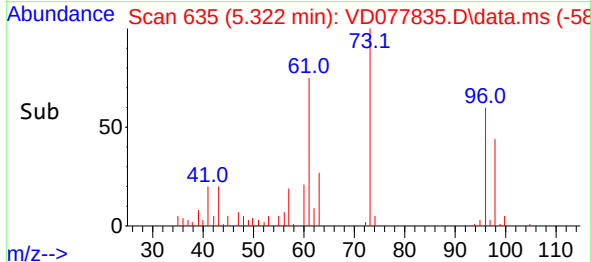
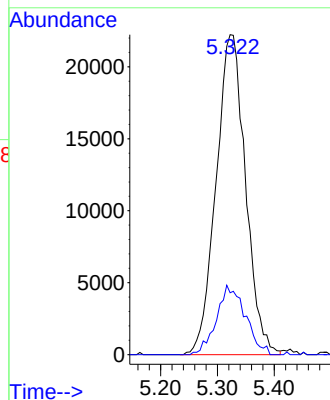
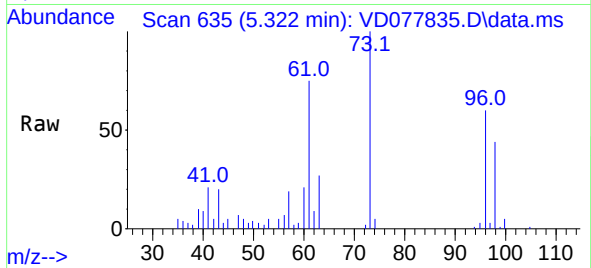




#19
Methyl tert-butyl Ether
Concen: 20.378 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

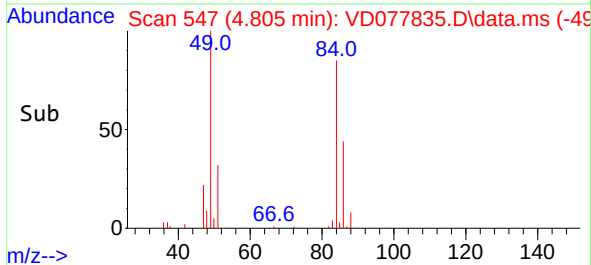
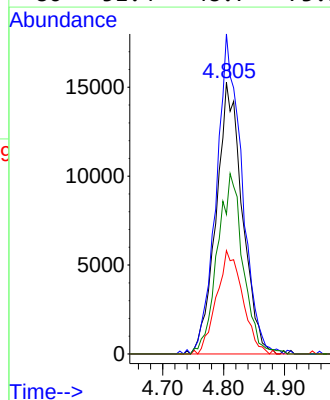
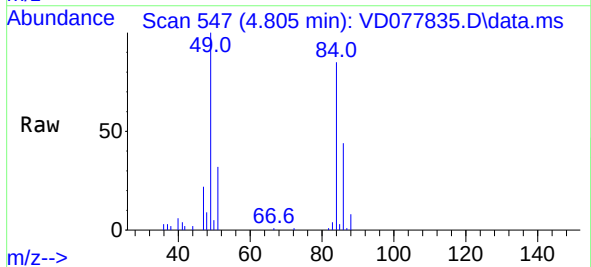
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

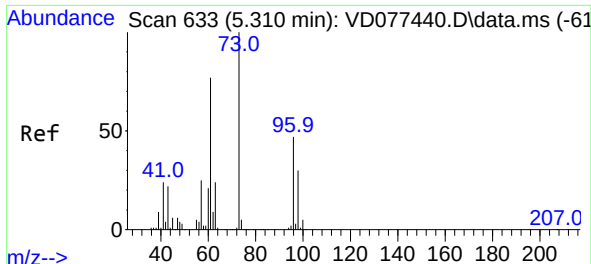
Tgt Ion: 73 Resp: 80122
Ion Ratio Lower Upper
73 100
57 19.4 16.6 25.0



#20
Methylene Chloride
Concen: 18.070 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 84 Resp: 45532
Ion Ratio Lower Upper
84 100
49 116.8 71.4 107.2#
51 38.0 24.5 36.7#
86 51.4 48.7 73.1

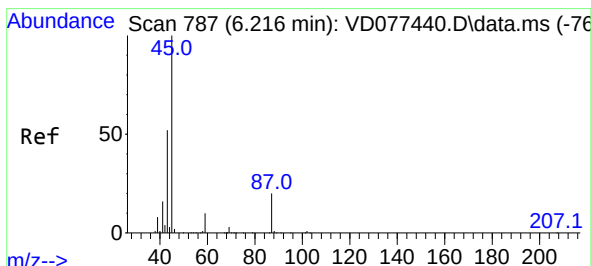
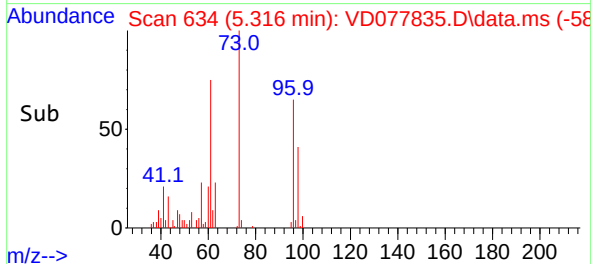
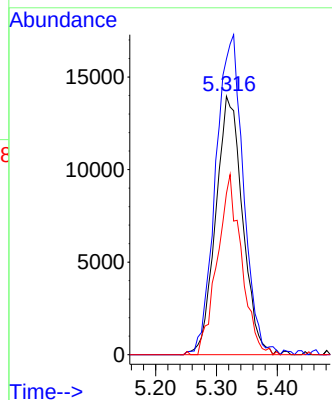
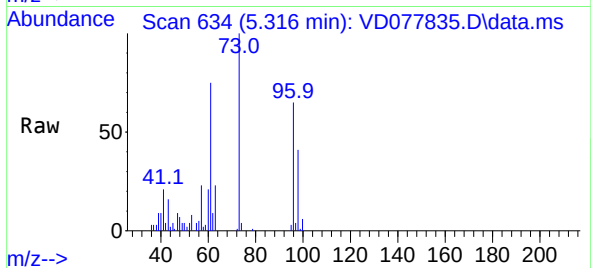




#21
trans-1,2-Dichloroethene
Concen: 20.342 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

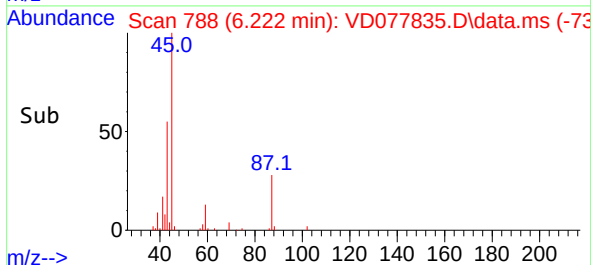
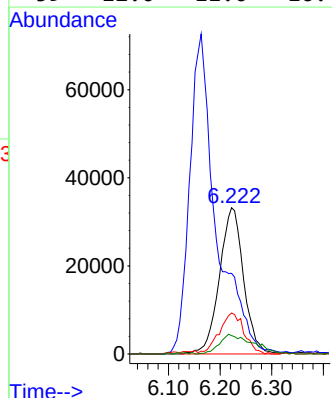
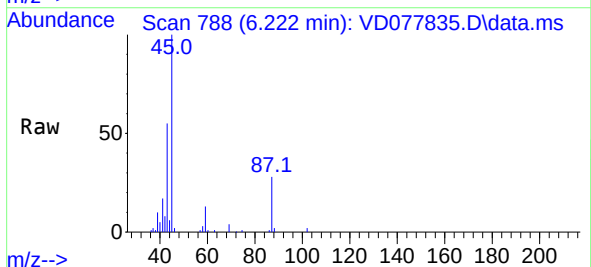
Instrument :
MSVOA_D
ClientSampleId :
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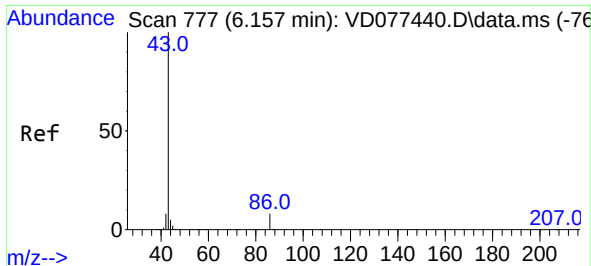
Tgt Ion: 96 Resp: 42698
Ion Ratio Lower Upper
96 100
61 114.4 89.3 133.9
98 62.4 48.6 73.0



#22
Diisopropyl ether
Concen: 20.235 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 45 Resp: 107774
Ion Ratio Lower Upper
45 100
43 53.9 40.0 60.0
87 28.0 28.2 42.4#
59 12.0 11.0 16.4

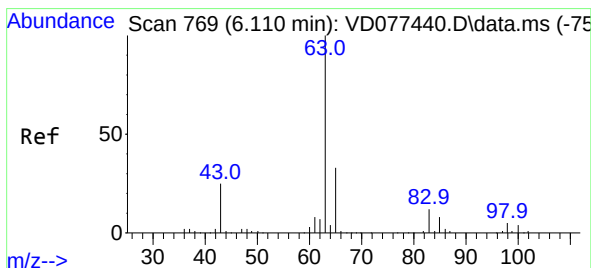
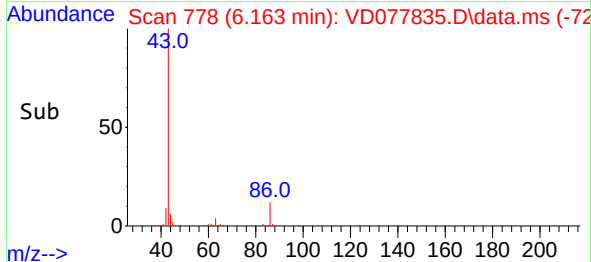
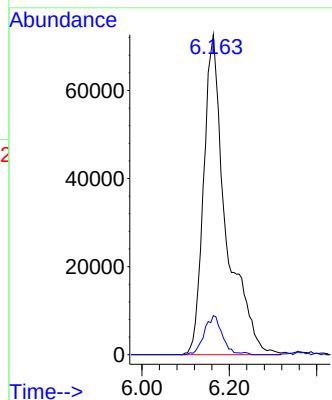
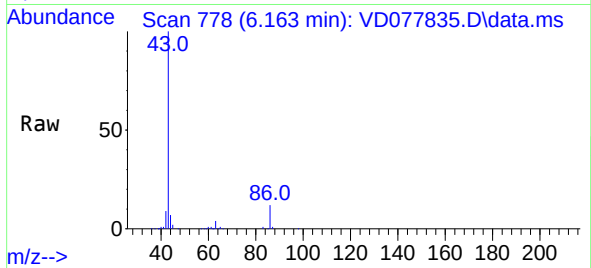




#23
Vinyl Acetate
Concen: 99.694 ug/l
RT: 6.163 min Scan# 711
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

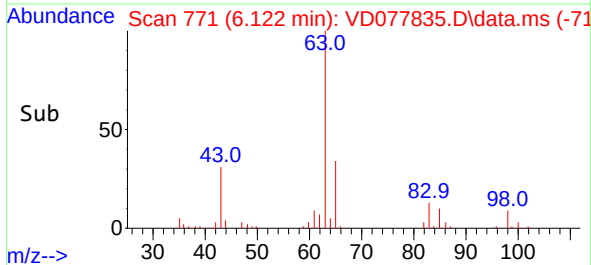
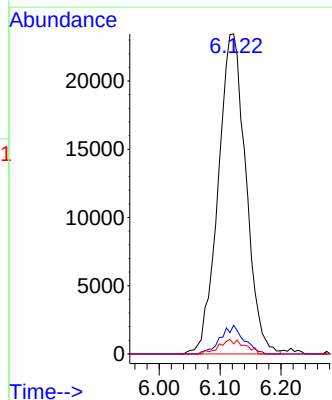
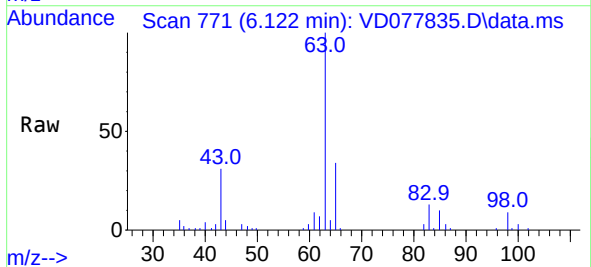
Instrument :
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ClientSampleId :
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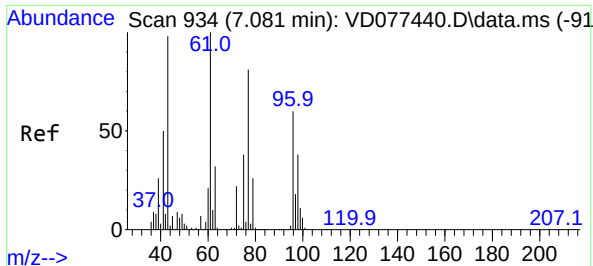
Tgt Ion: 43 Resp: 259303
Ion Ratio Lower Upper
43 100
86 12.2 12.5 18.7#



#24
1,1-Dichloroethane
Concen: 20.514 ug/l
RT: 6.122 min Scan# 771
Delta R.T. 0.012 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 63 Resp: 73992
Ion Ratio Lower Upper
63 100
98 8.9 4.5 13.7
100 3.2 2.5 7.5

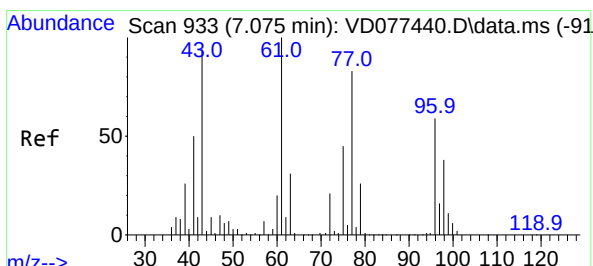
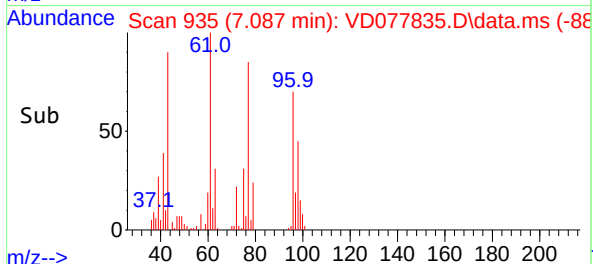
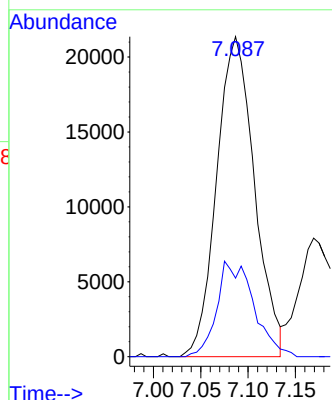
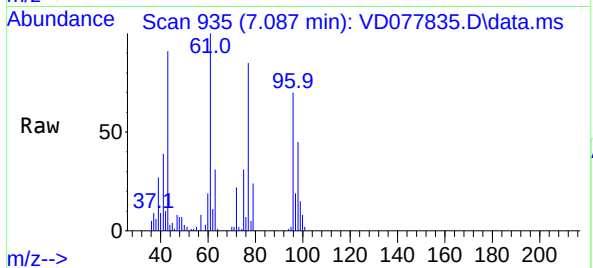




#25
2-Butanone
Concen: 110.293 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

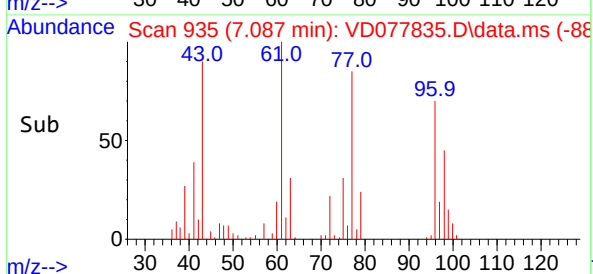
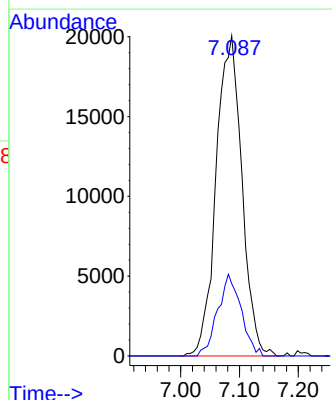
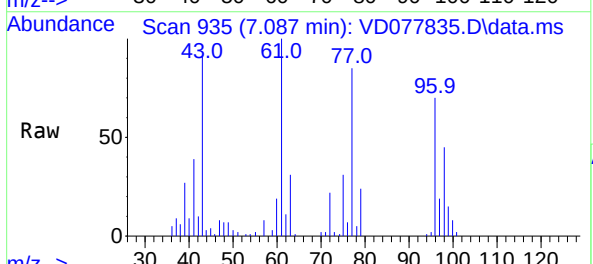
Instrument :
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ClientSampleId :
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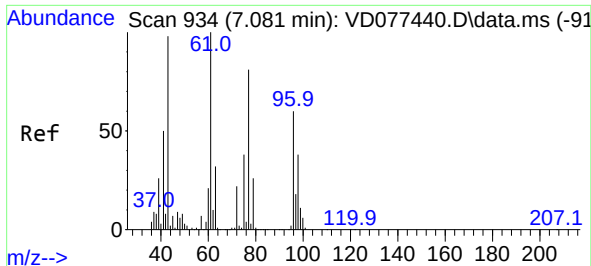
Tgt Ion: 43 Resp: 59268
Ion Ratio Lower Upper
43 100
72 24.5 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 20.112 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.012 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 77 Resp: 60906
Ion Ratio Lower Upper
77 100
97 23.2 13.2 39.6

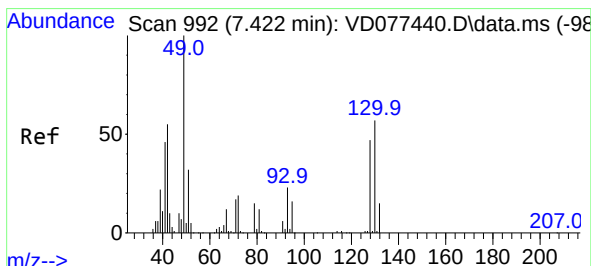
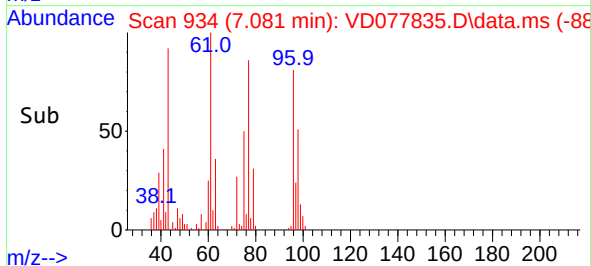
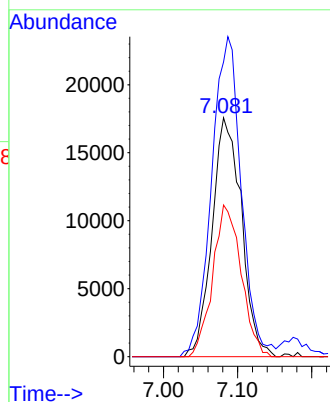
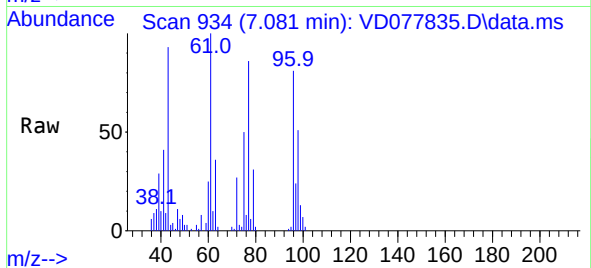




#27
cis-1,2-Dichloroethene
Concen: 21.374 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

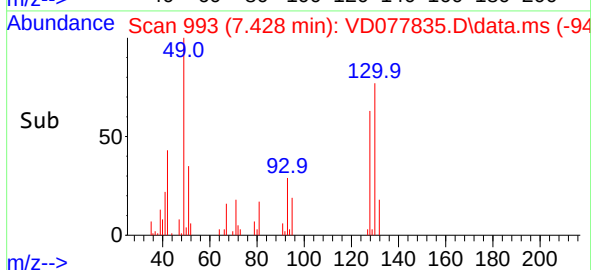
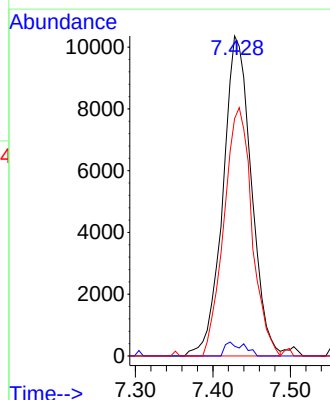
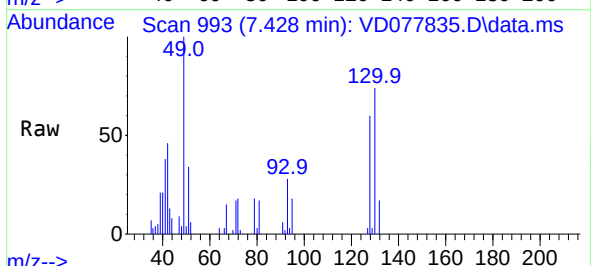
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

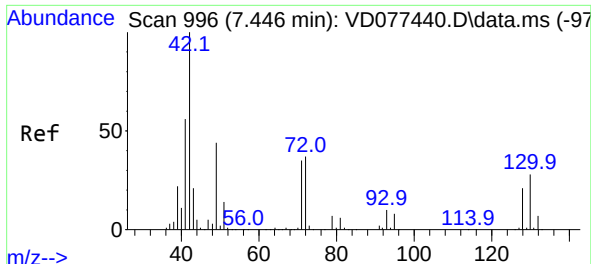
Tgt Ion: 96 Resp: 48276
Ion Ratio Lower Upper
96 100
61 135.6 0.0 239.2
98 61.7 0.0 128.6



#28
Bromochloromethane
Concen: 18.119 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 49 Resp: 26408
Ion Ratio Lower Upper
49 100
129 2.9 0.0 6.0
130 76.5 83.2 124.8#

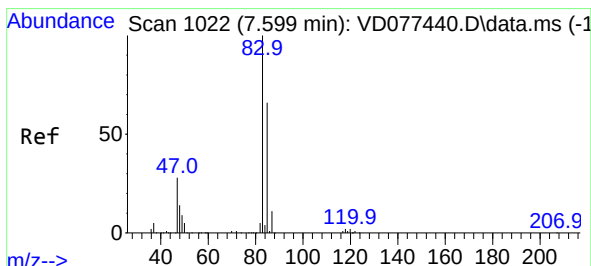
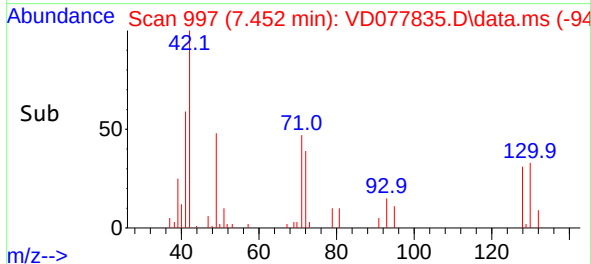
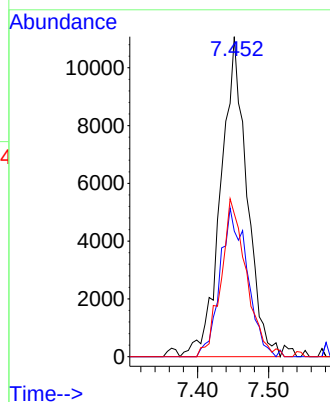
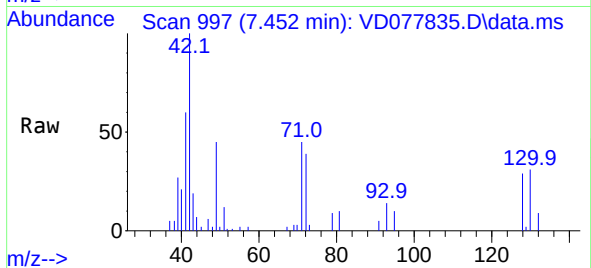




#29
Tetrahydrofuran
Concen: 97.682 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

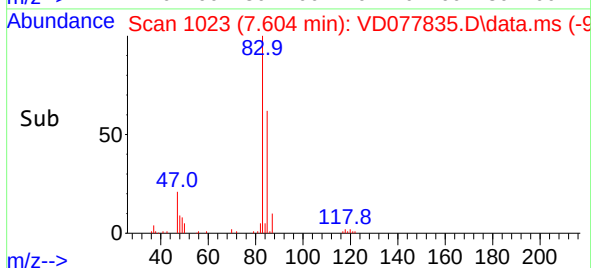
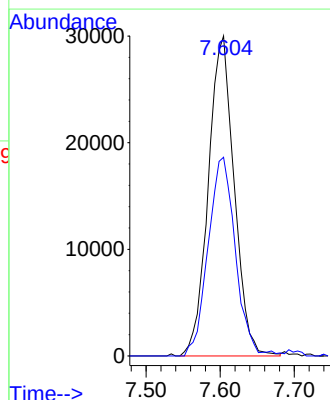
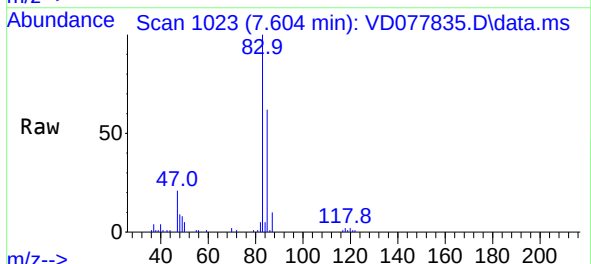
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

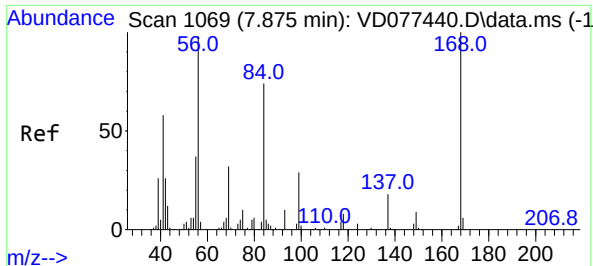
Tgt Ion: 42 Resp: 28258
Ion Ratio Lower Upper
42 100
72 48.1 46.5 69.7
71 47.9 44.5 66.7



#30
Chloroform
Concen: 20.170 ug/l
RT: 7.604 min Scan# 1023
Delta R.T. 0.005 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 83 Resp: 72809
Ion Ratio Lower Upper
83 100
85 62.1 53.4 80.2

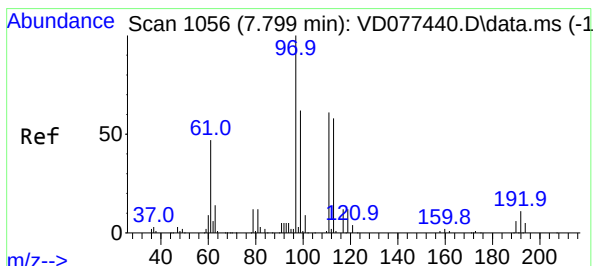
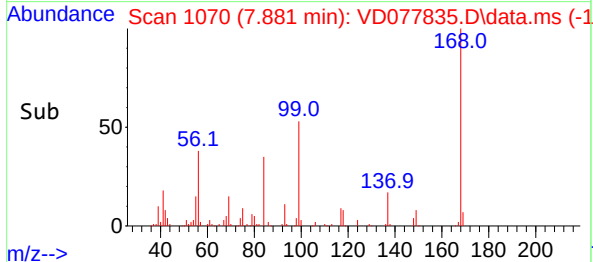
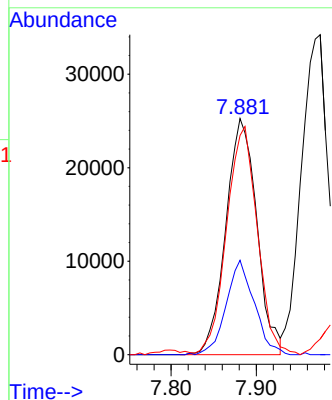
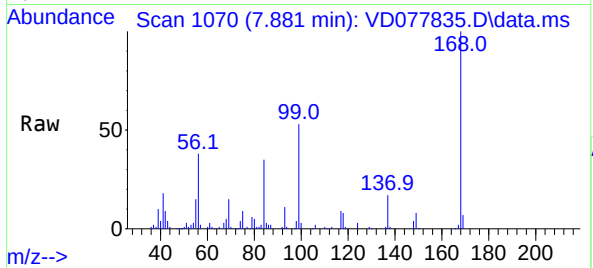




#31
Cyclohexane
Concen: 19.747 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

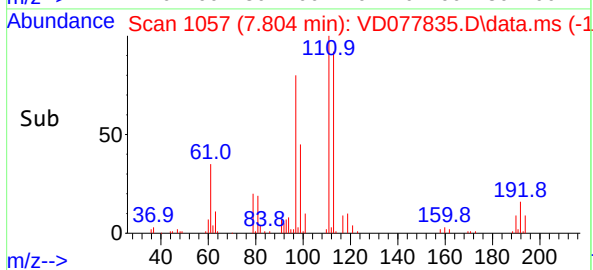
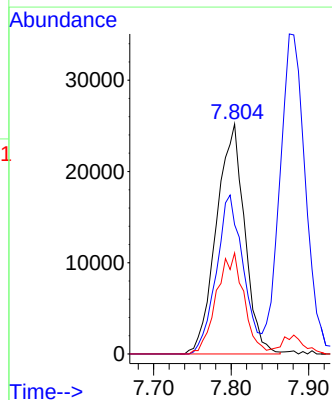
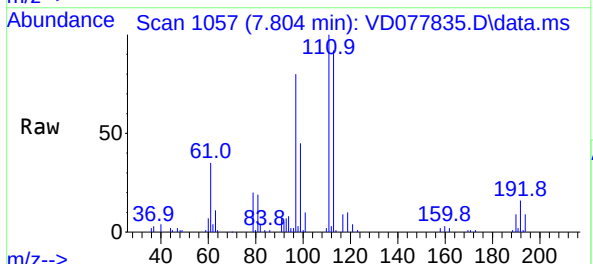
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

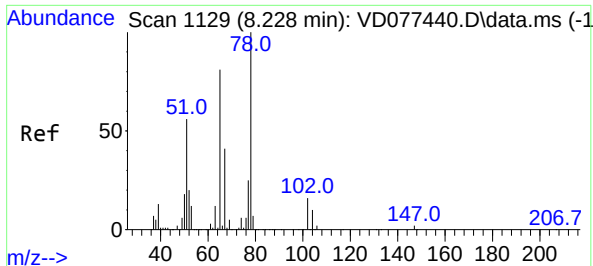
Tgt Ion: 56 Resp: 63808
Ion Ratio Lower Upper
56 100
69 40.2 28.6 43.0
84 92.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 20.069 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 97 Resp: 63867
Ion Ratio Lower Upper
97 100
99 66.2 52.0 78.0
61 42.6 33.8 50.8

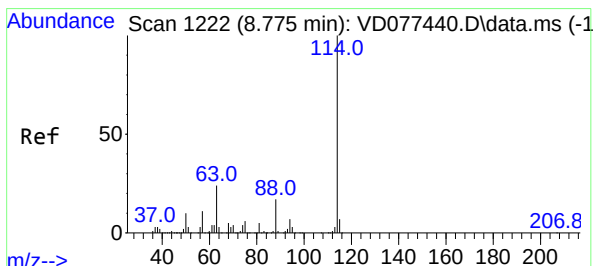
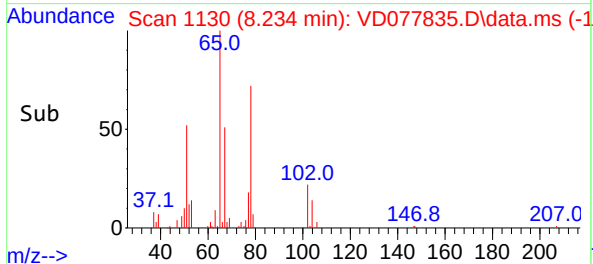
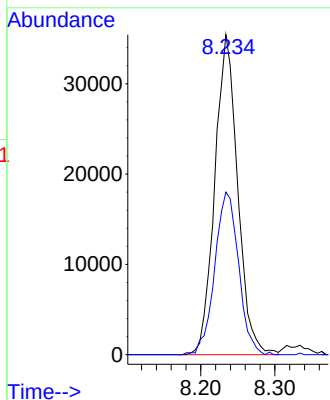
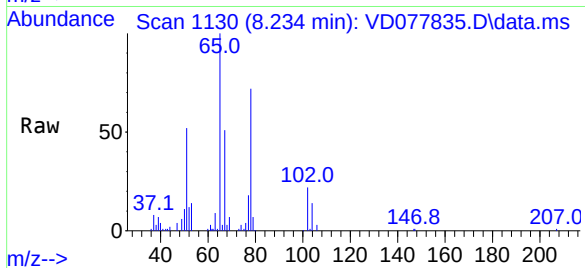




#33
1,2-Dichloroethane-d4
Concen: 41.814 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

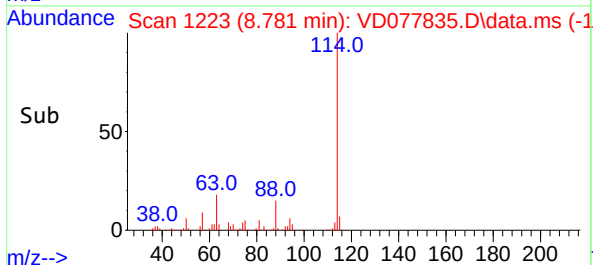
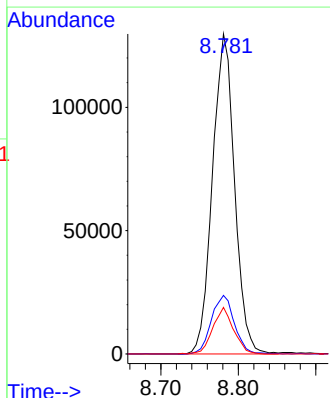
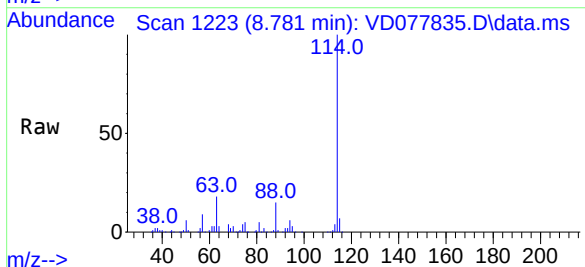
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

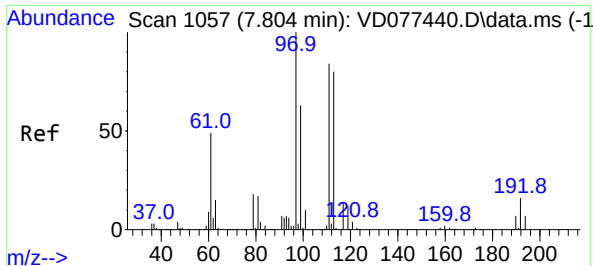
Tgt Ion: 65 Resp: 75961
Ion Ratio Lower Upper
65 100
67 52.9 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 114 Resp: 256913
Ion Ratio Lower Upper
114 100
63 18.3 0.0 33.4
88 14.6 0.0 26.2

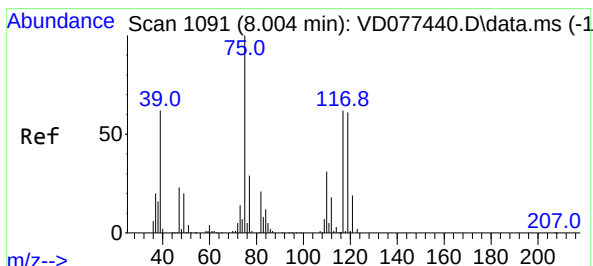
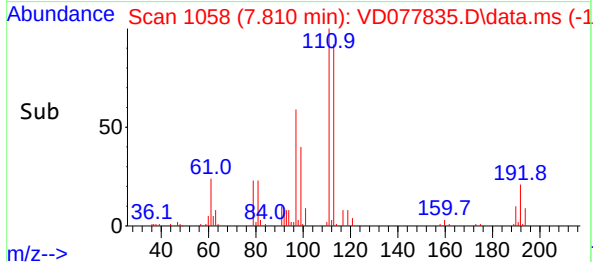
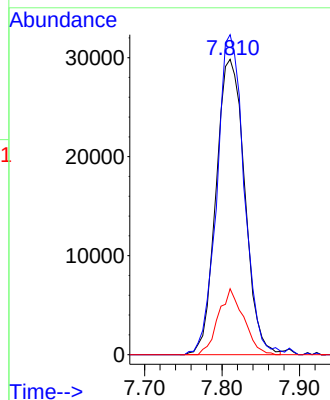
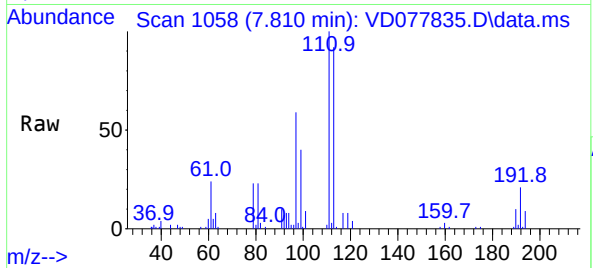




#35
Dibromofluoromethane
Concen: 42.549 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

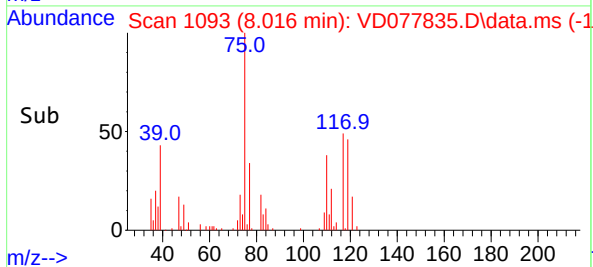
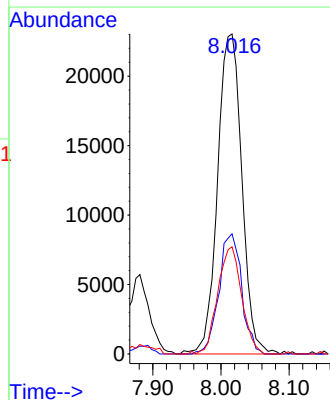
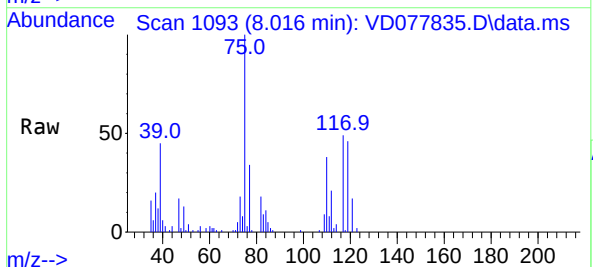
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

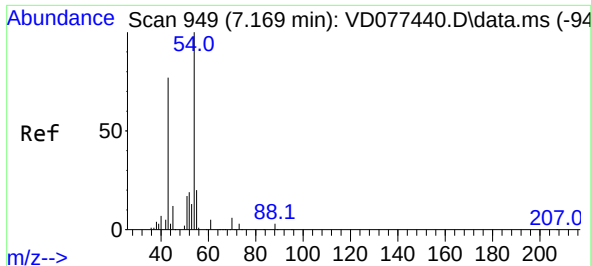
Tgt Ion:113 Resp: 76570
Ion Ratio Lower Upper
113 100
111 102.9 84.7 127.1
192 19.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.832 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 75 Resp: 57087
Ion Ratio Lower Upper
75 100
110 35.4 19.9 59.6
77 33.0 24.7 37.1

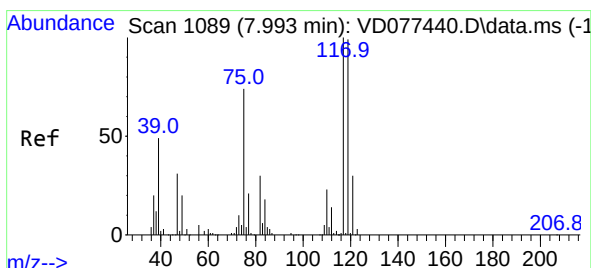
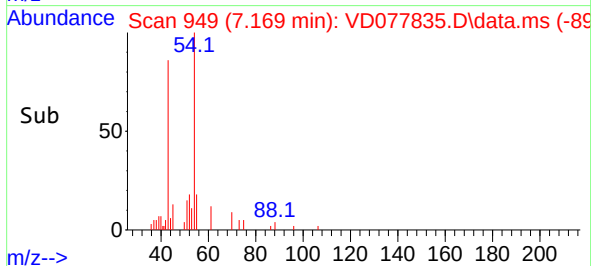
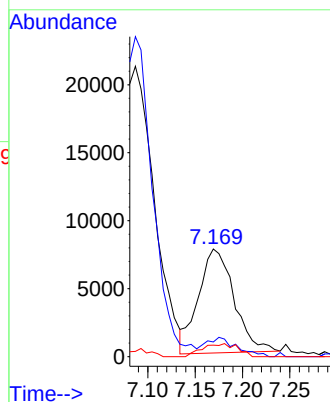
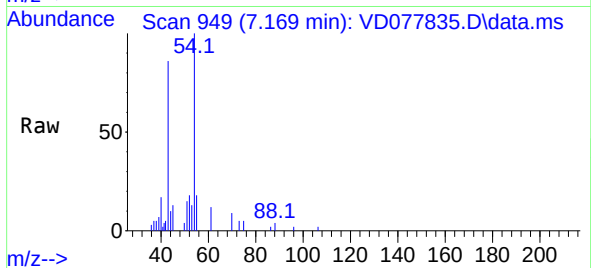




#37
Ethyl Acetate
Concen: 17.830 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

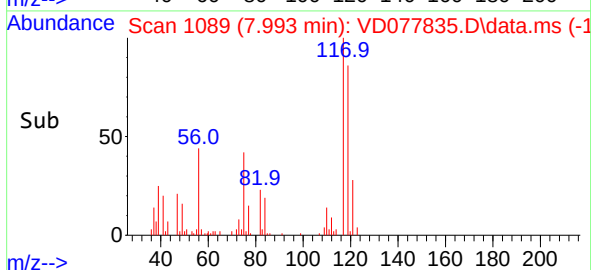
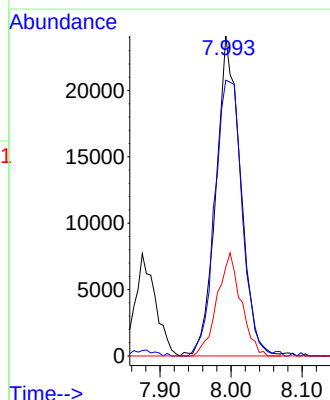
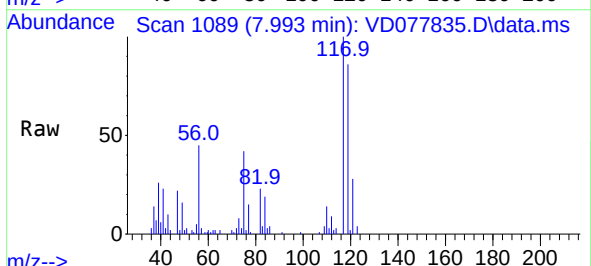
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

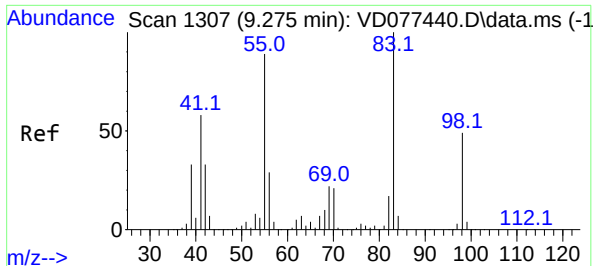
Tgt Ion: 43 Resp: 20013
Ion Ratio Lower Upper
43 100
61 16.2 14.9 22.3
70 12.4 10.0 15.0



#38
Carbon Tetrachloride
Concen: 20.132 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 117 Resp: 57772
Ion Ratio Lower Upper
117 100
119 86.2 78.0 117.0
121 27.8 24.2 36.2





#39

Methylcyclohexane

Concen: 20.358 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBS03

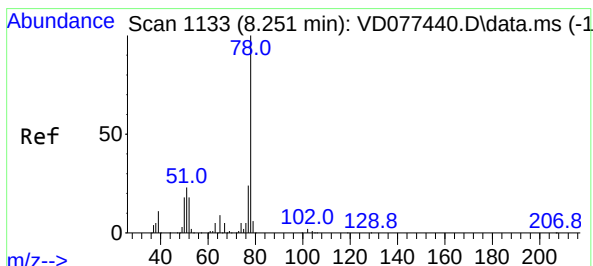
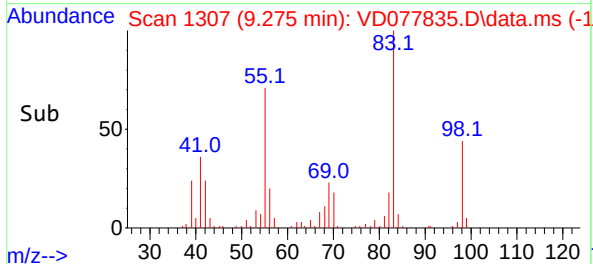
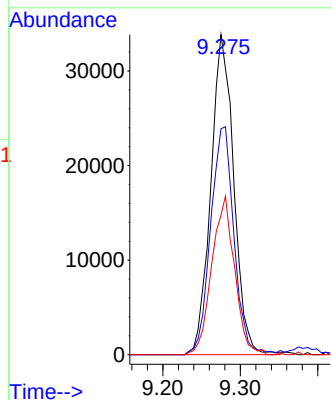
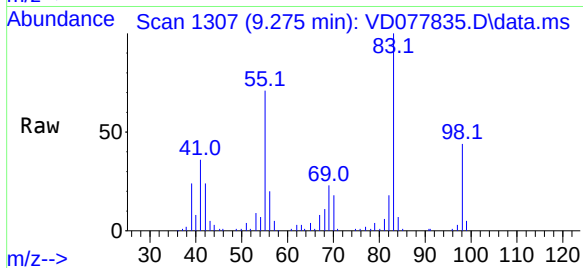
Tgt Ion: 83 Resp: 69473

Ion Ratio Lower Upper

83 100

55 70.6 49.4 74.0

98 43.6 38.4 57.6



#40

Benzene

Concen: 20.430 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077835.D

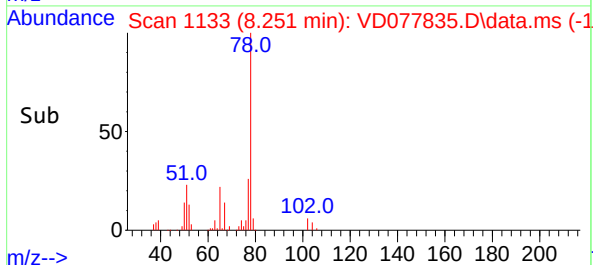
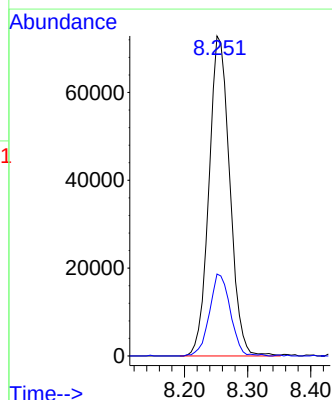
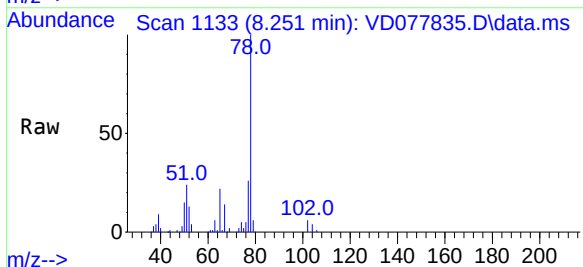
Acq: 12 Dec 2023 11:30

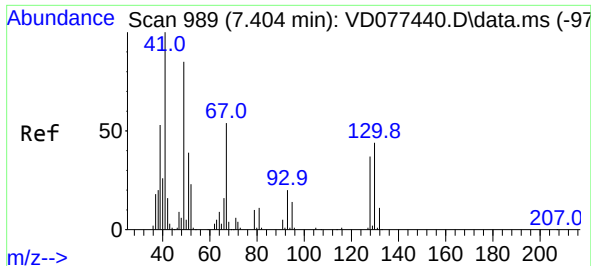
Tgt Ion: 78 Resp: 166910

Ion Ratio Lower Upper

78 100

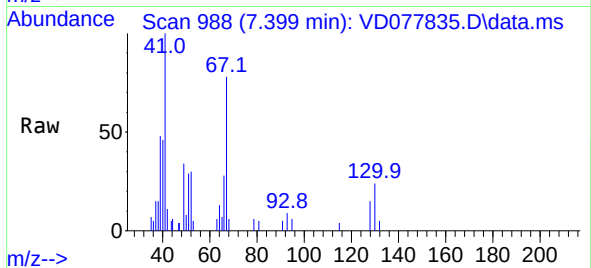
77 25.6 19.4 29.0





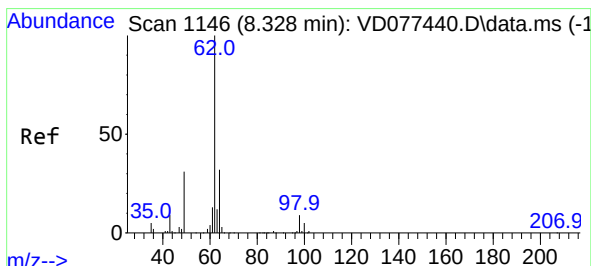
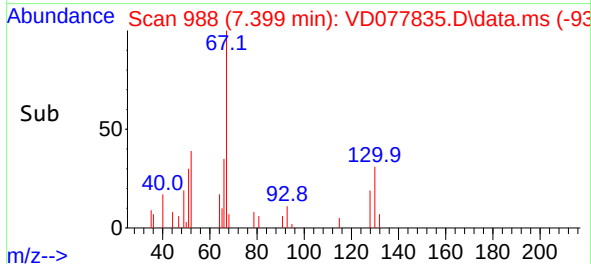
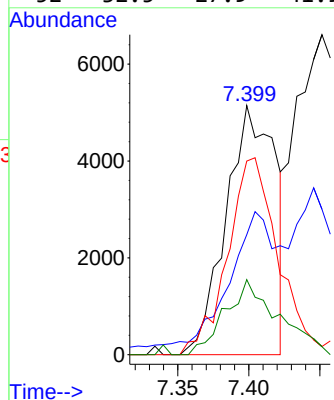
#41
Methacrylonitrile
Concen: 21.745 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.005 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



Tgt Ion: 41 Resp: 12405

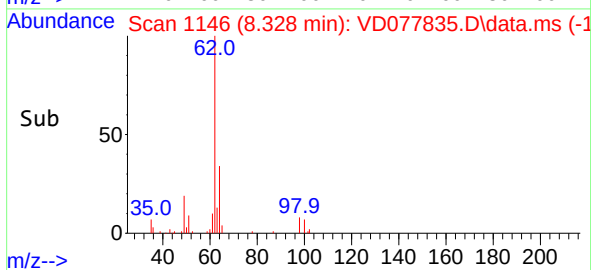
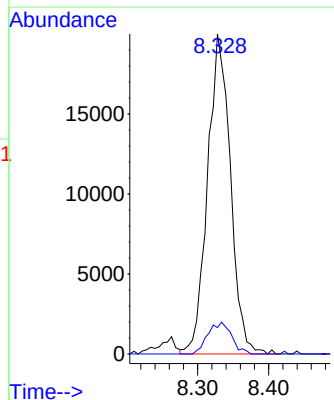
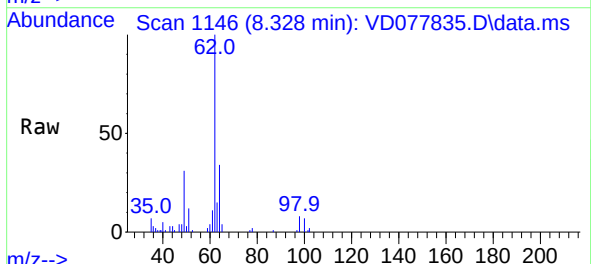
Ion	Ratio	Lower	Upper
41	100		
39	57.1	34.0	51.0#
67	80.7	77.0	115.4
52	32.5	27.9	41.9

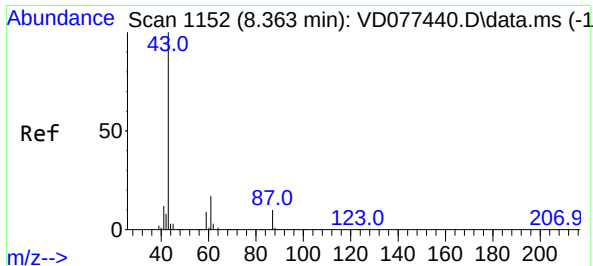


#42
1,2-Dichloroethane
Concen: 21.111 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 62 Resp: 44708

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	25.4

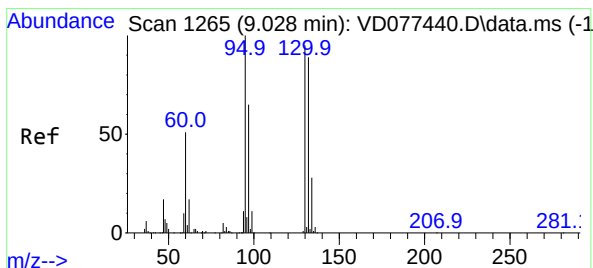
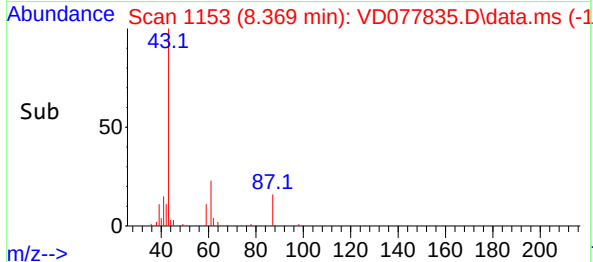
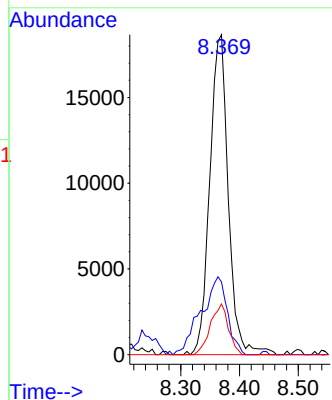
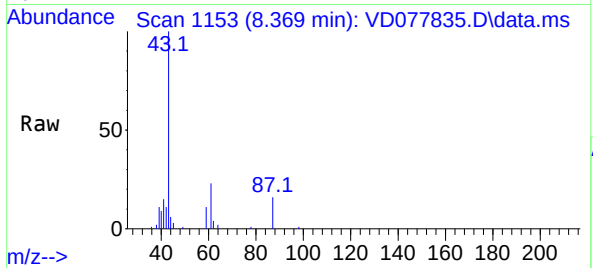




#43
Isopropyl Acetate
Concen: 20.440 ug/l
RT: 8.369 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

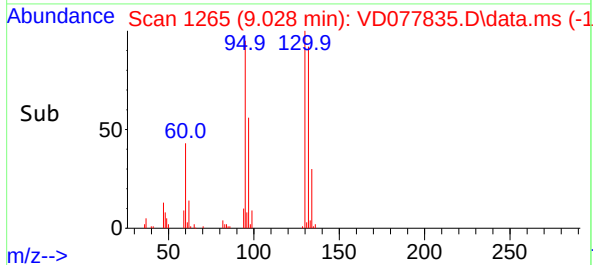
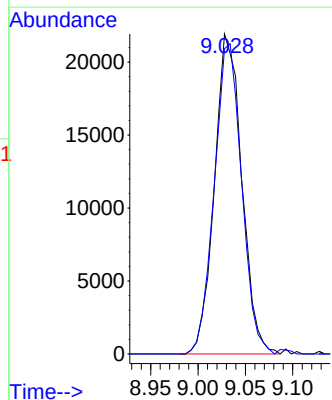
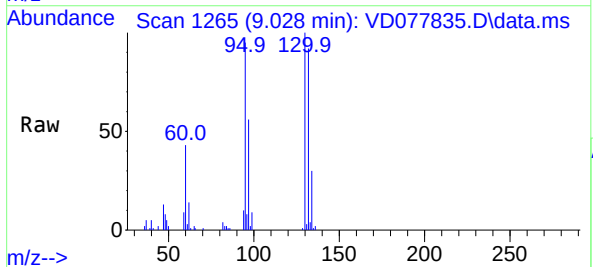
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

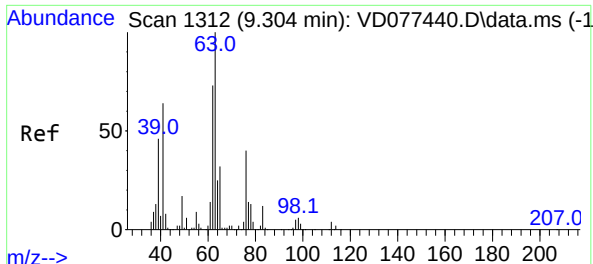
Tgt Ion: 43 Resp: 40783
Ion Ratio Lower Upper
43 100
61 34.7 31.4 47.0
87 15.4 14.9 22.3



#44
Trichloroethene
Concen: 20.639 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion:130 Resp: 43941
Ion Ratio Lower Upper
130 100
95 95.4 0.0 179.2

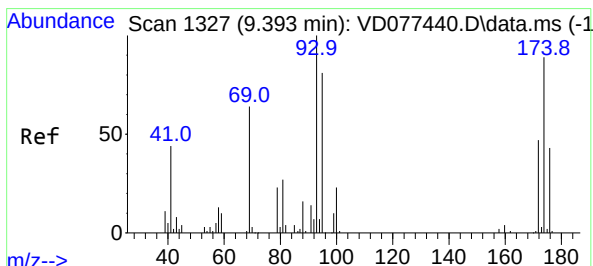
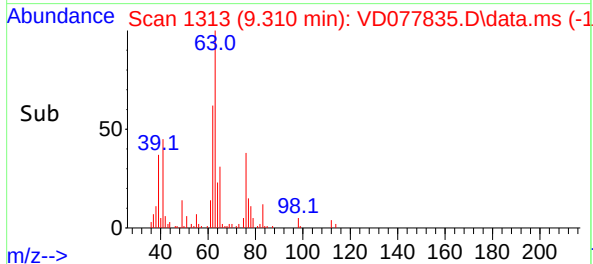
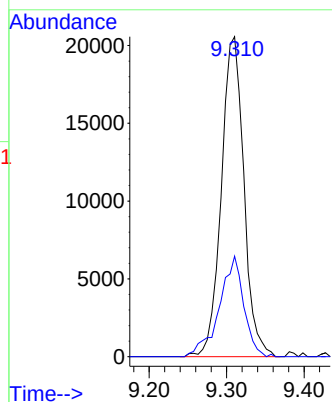
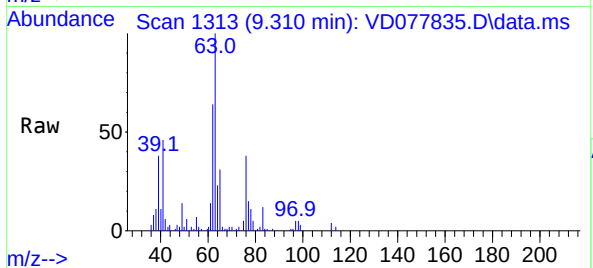




#45
1,2-Dichloropropane
Concen: 21.001 ug/l
RT: 9.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

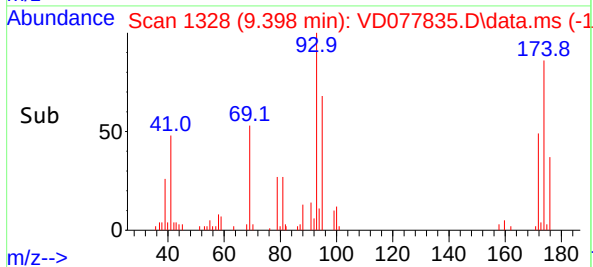
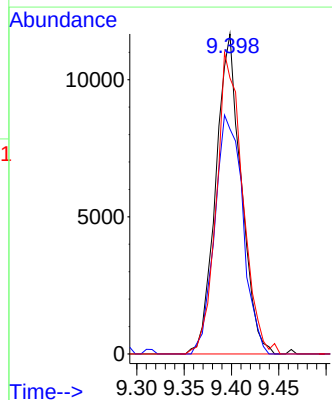
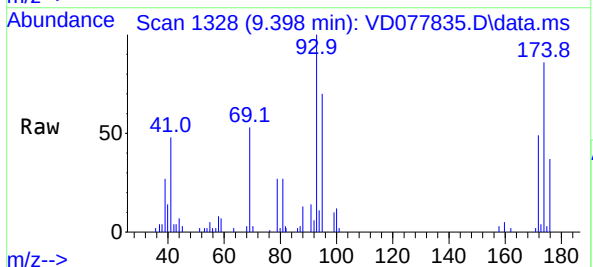
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

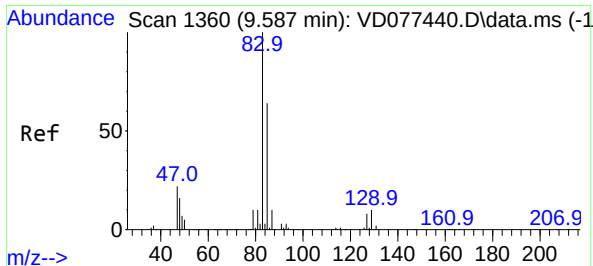
Tgt Ion: 63 Resp: 41710
Ion Ratio Lower Upper
63 100
65 31.4 24.5 36.7



#46
Dibromomethane
Concen: 20.694 ug/l
RT: 9.398 min Scan# 1328
Delta R.T. 0.005 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 93 Resp: 21746
Ion Ratio Lower Upper
93 100
95 82.7 67.7 101.5
174 97.1 85.4 128.2





#47

Bromodichloromethane

Concen: 20.579 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBS03

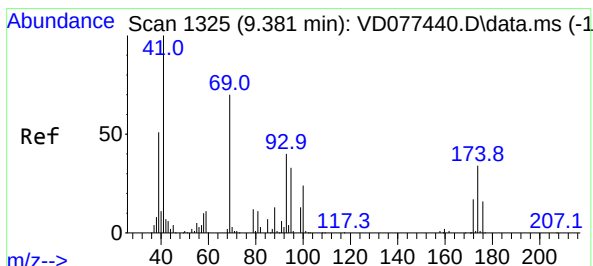
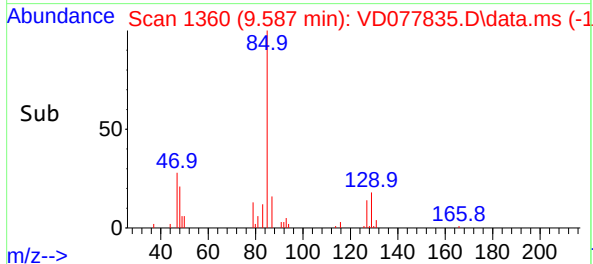
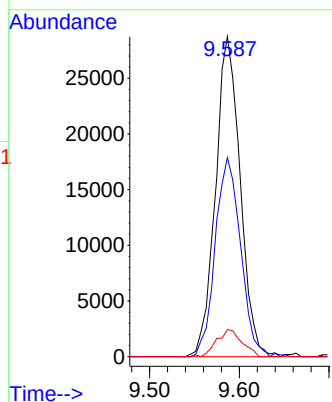
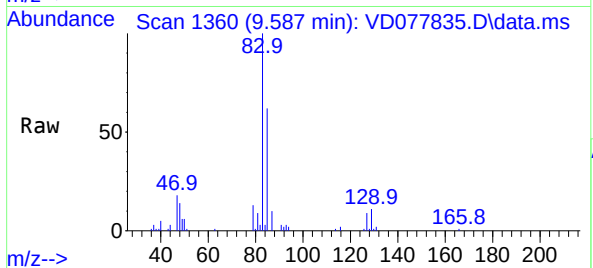
Tgt Ion: 83 Resp: 54814

Ion Ratio Lower Upper

83 100

85 62.2 50.2 75.4

127 8.5 6.3 9.5



#48

Methyl methacrylate

Concen: 21.020 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

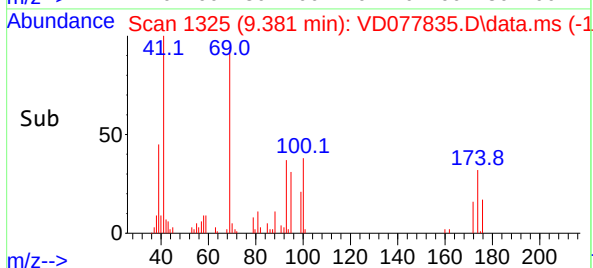
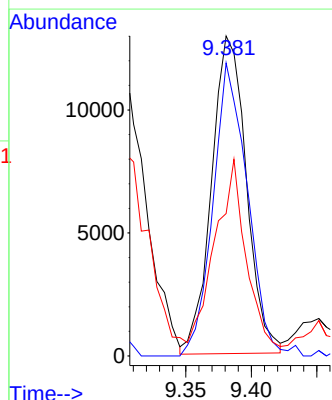
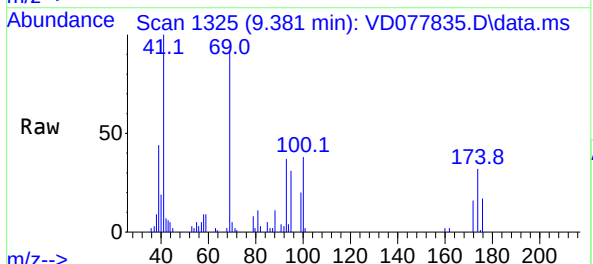
Tgt Ion: 41 Resp: 23840

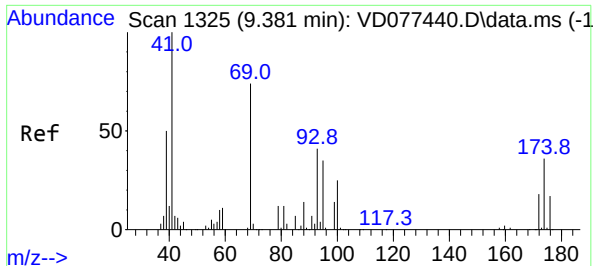
Ion Ratio Lower Upper

41 100

69 91.5 102.2 153.2#

39 50.9 41.4 62.2

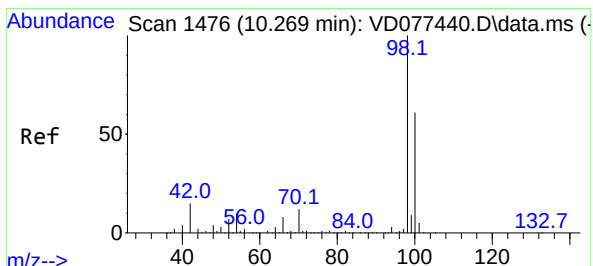
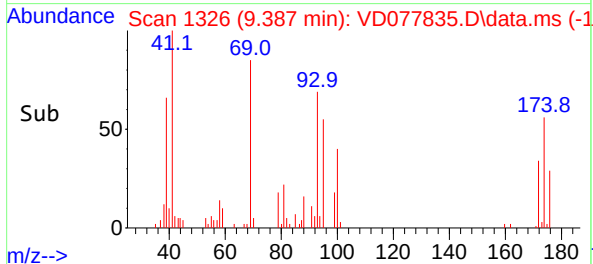
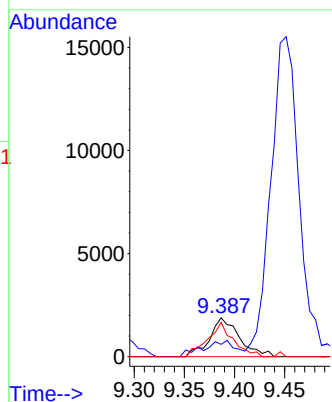
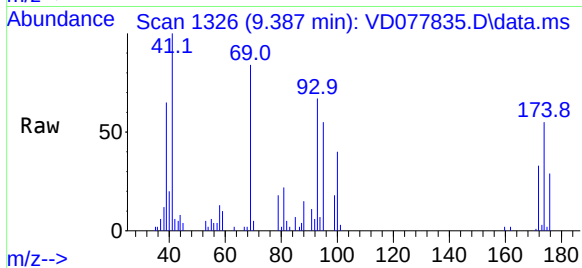




#49
1,4-Dioxane
Concen: 372.219 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

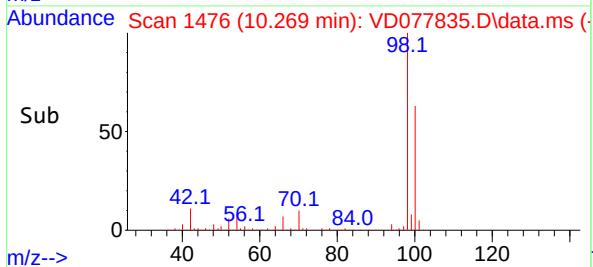
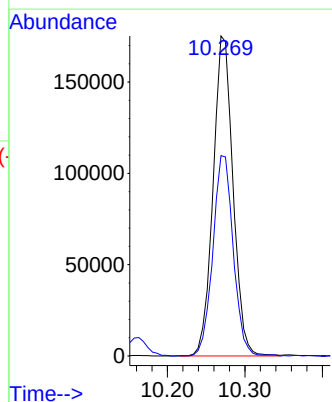
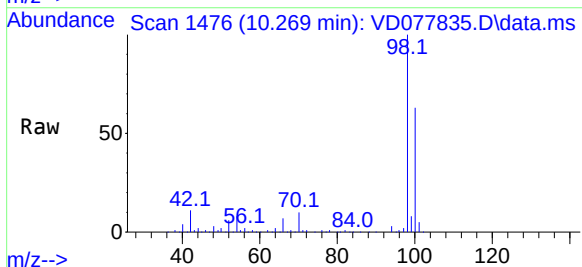
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

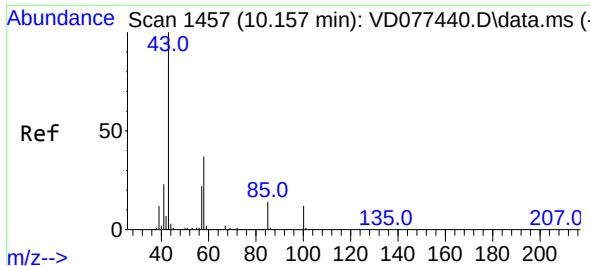
Tgt Ion: 88 Resp: 3884
Ion Ratio Lower Upper
88 100
43 44.9 19.0 28.6#
58 76.6 43.5 65.3#



#50
Toluene-d8
Concen: 43.460 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 98 Resp: 313245
Ion Ratio Lower Upper
98 100
100 64.1 50.3 75.5

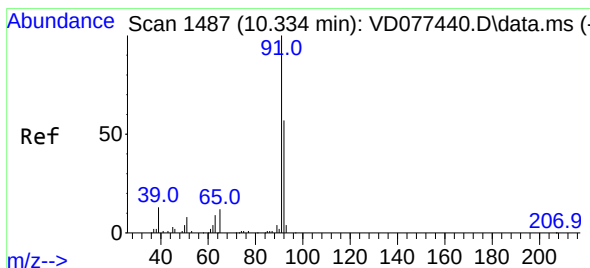
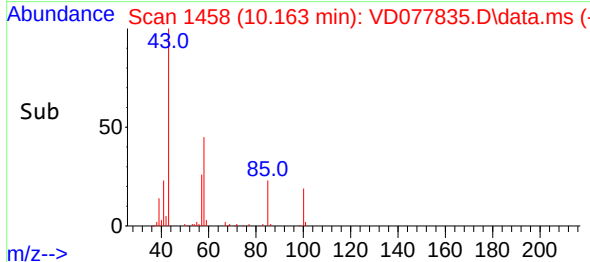
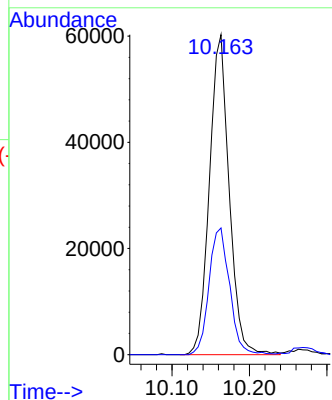
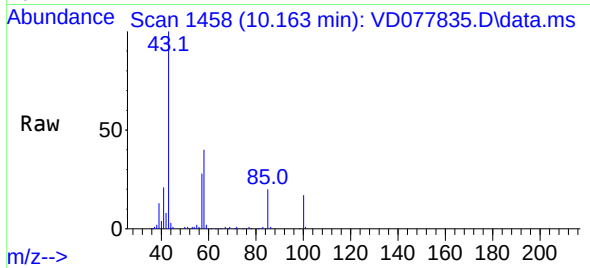




#51
4-Methyl-2-Pentanone
Concen: 104.814 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

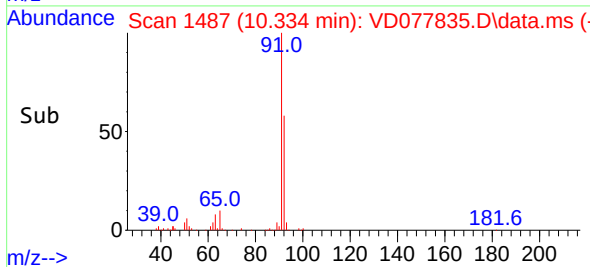
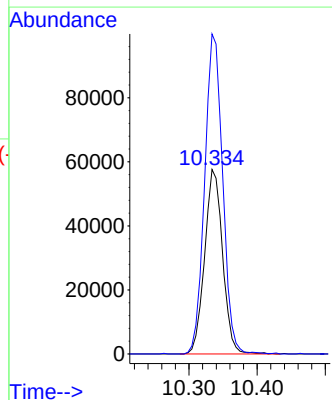
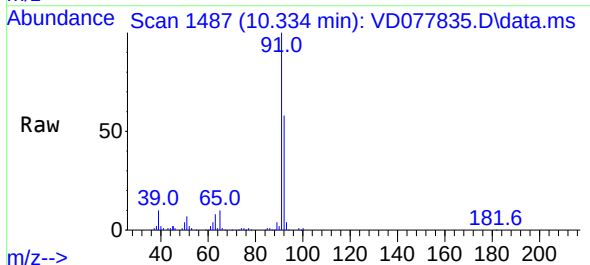
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

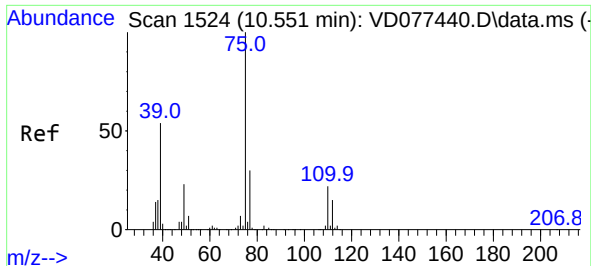
Tgt Ion: 43 Resp: 106730
Ion Ratio Lower Upper
43 100
58 41.4 38.9 58.3



#52
Toluene
Concen: 20.830 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 92 Resp: 105565
Ion Ratio Lower Upper
92 100
91 173.9 143.0 214.4

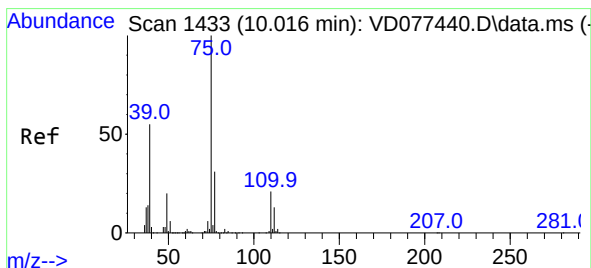
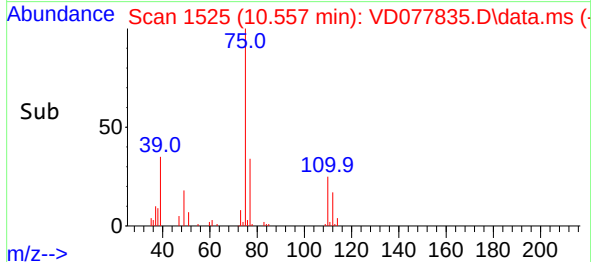
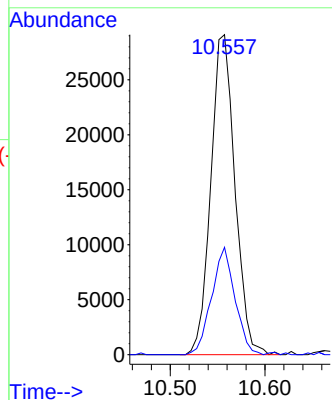
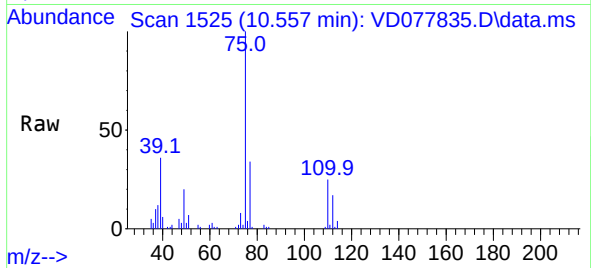




#53
t-1,3-Dichloropropene
Concen: 20.130 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

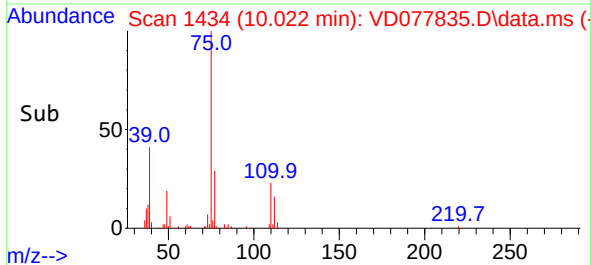
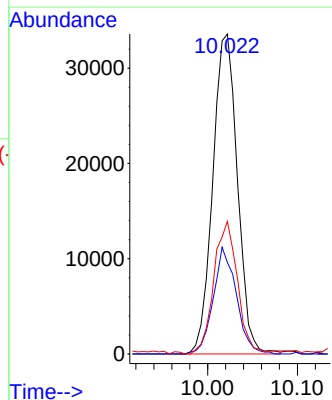
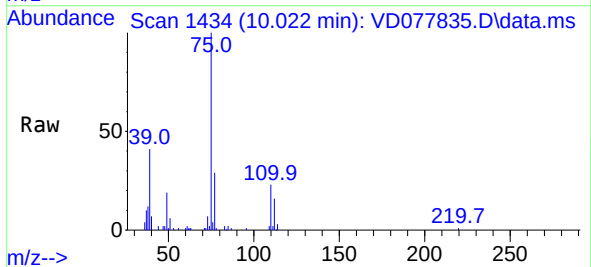
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

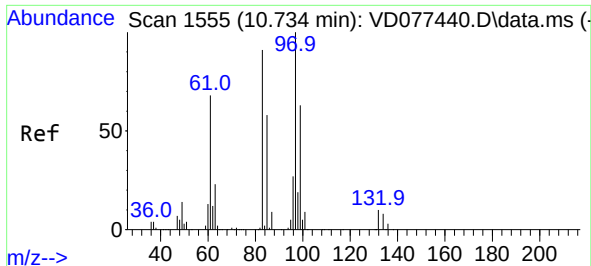
Tgt Ion: 75 Resp: 51490
Ion Ratio Lower Upper
75 100
77 33.5 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.712 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 75 Resp: 64051
Ion Ratio Lower Upper
75 100
77 28.6 25.5 38.3
39 40.9 22.1 33.1#

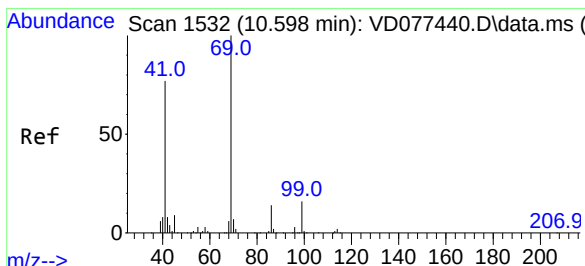
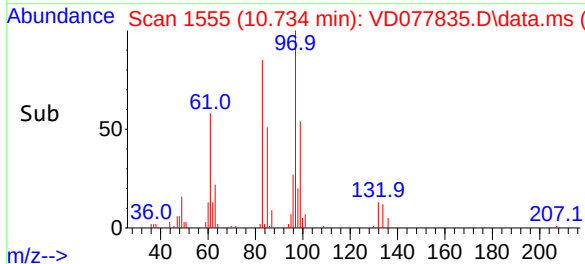
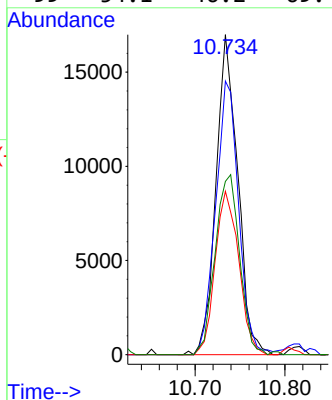
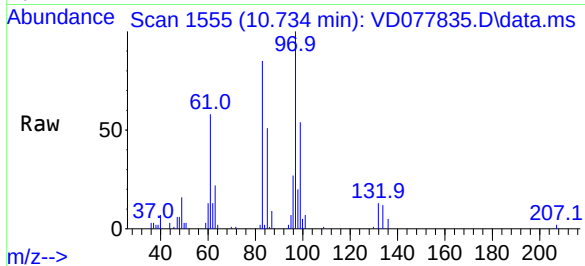




#55
1,1,2-Trichloroethane
Concen: 19.870 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

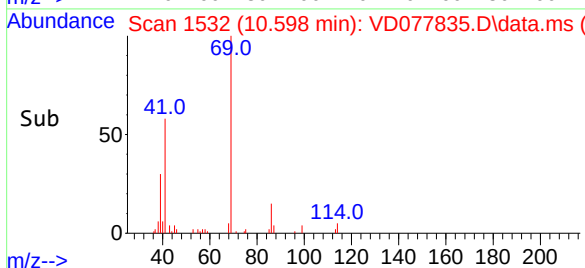
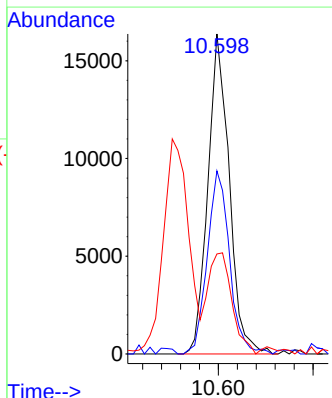
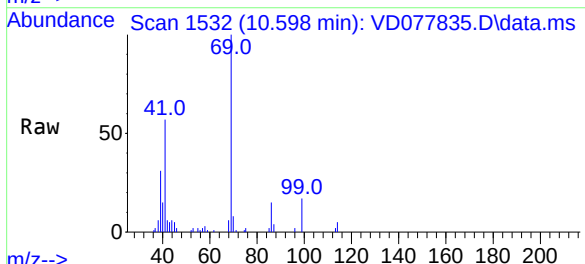
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

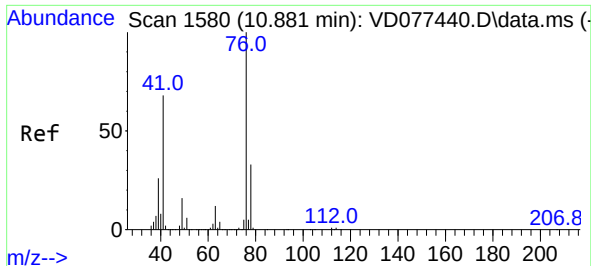
Tgt Ion:	97	Resp:	28562
Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.8	98.6
85	51.1	45.7	68.5
99	54.1	46.2	69.4



#56
Ethyl methacrylate
Concen: 20.247 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion:	69	Resp:	25655
Ion	Ratio	Lower	Upper
69	100		
41	59.8	39.1	58.7#
39	35.6	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 20.259 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

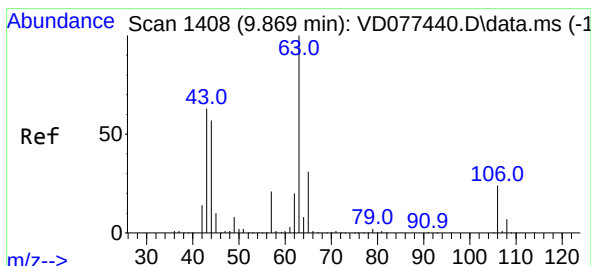
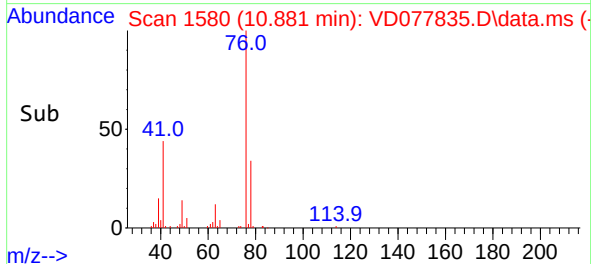
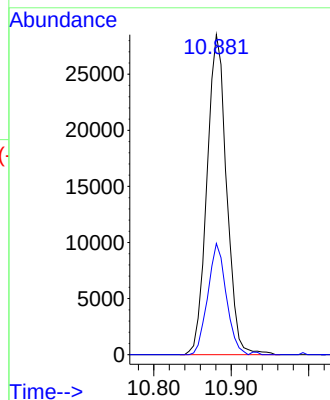
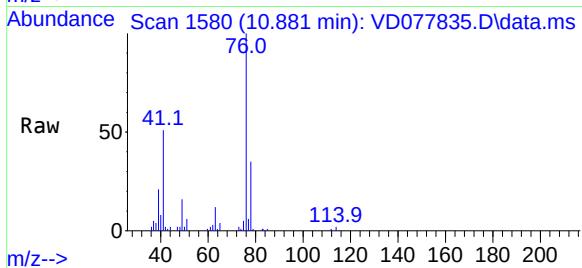
VD1212SBS03

Tgt Ion: 76 Resp: 50195

Ion Ratio Lower Upper

76 100

78 32.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 83.531 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077835.D

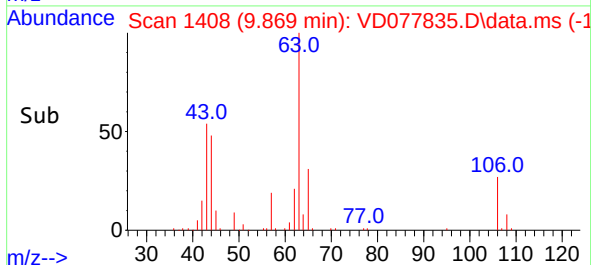
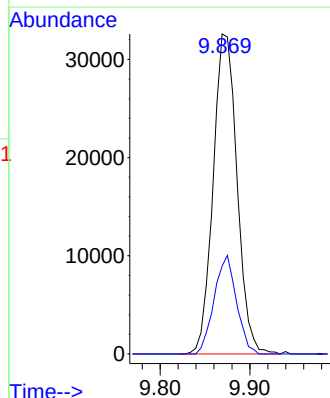
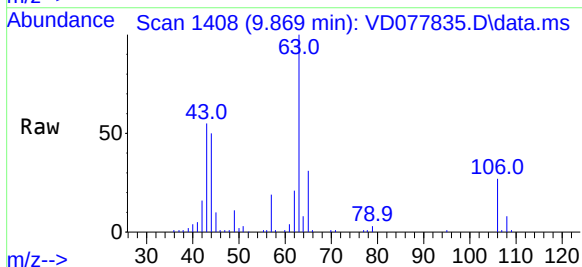
Acq: 12 Dec 2023 11:30

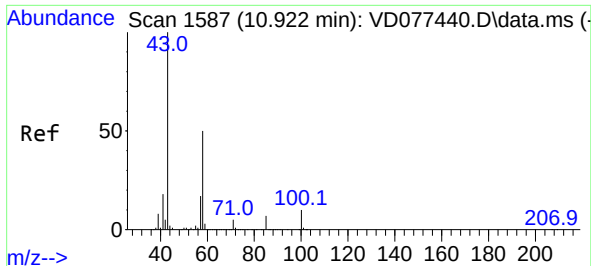
Tgt Ion: 63 Resp: 60360

Ion Ratio Lower Upper

63 100

106 28.6 25.3 37.9

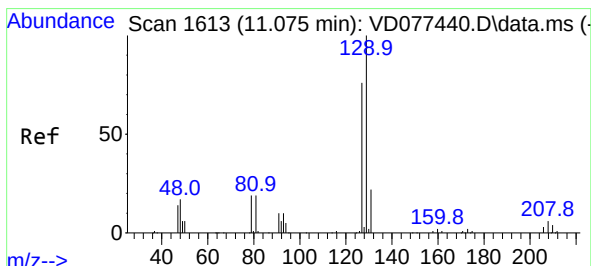
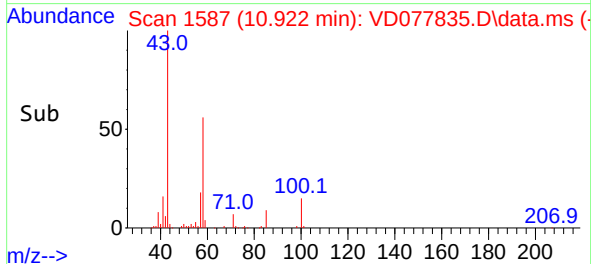
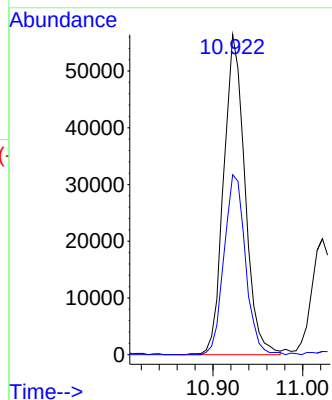
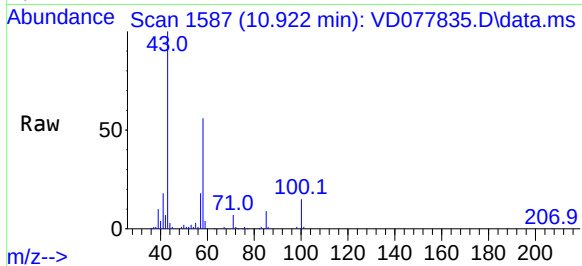




#59
2-Hexanone
Concen: 109.967 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

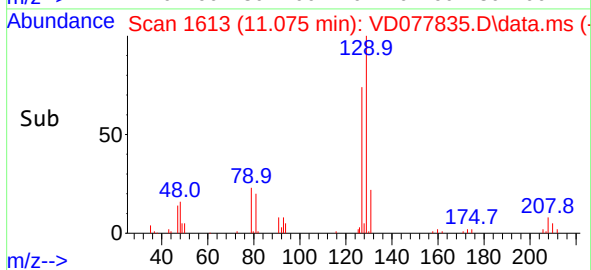
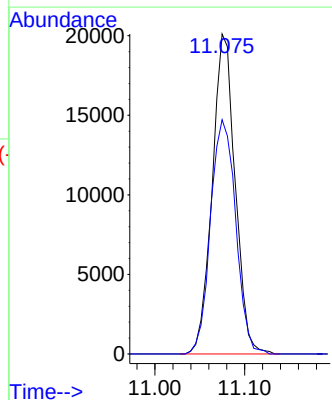
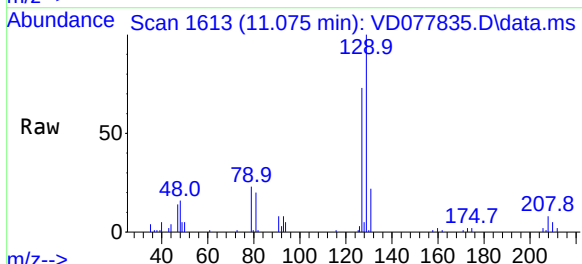
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

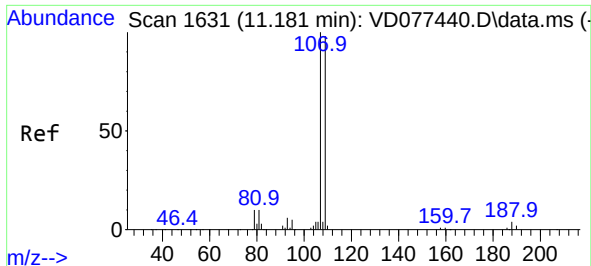
Tgt Ion: 43 Resp: 92902
Ion Ratio Lower Upper
43 100
58 56.7 34.1 102.2



#60
Dibromochloromethane
Concen: 20.597 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 129 Resp: 35646
Ion Ratio Lower Upper
129 100
127 80.5 37.1 111.5

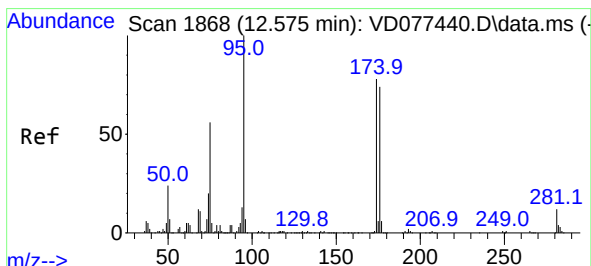
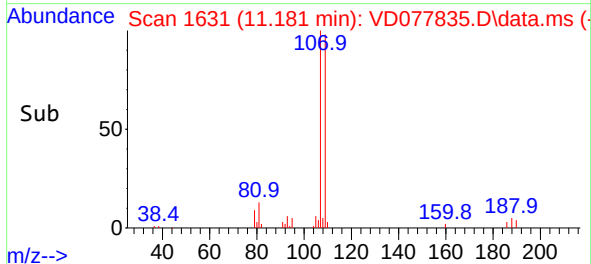
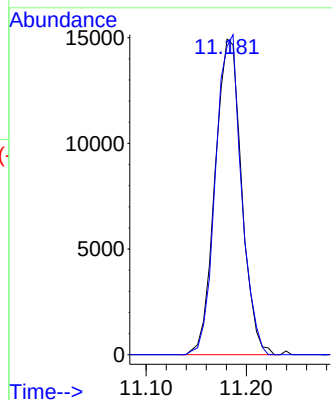
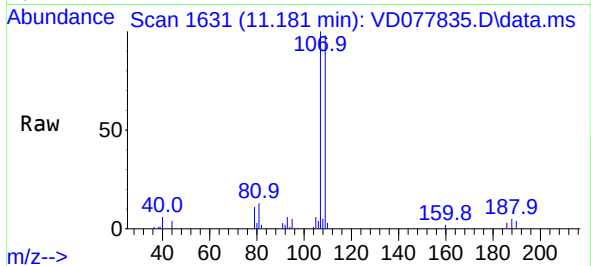




#61
1,2-Dibromoethane
Concen: 20.325 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

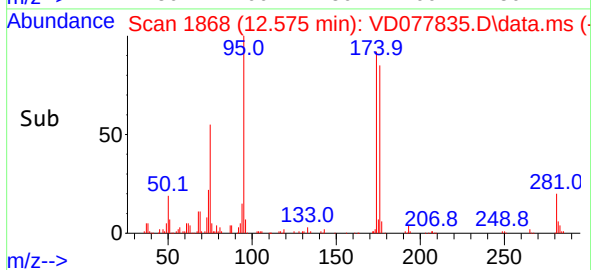
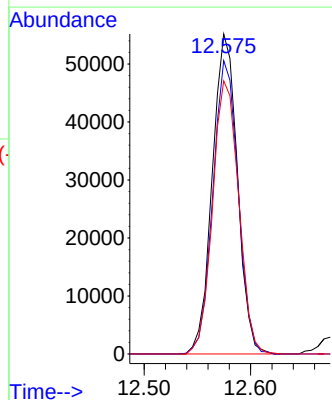
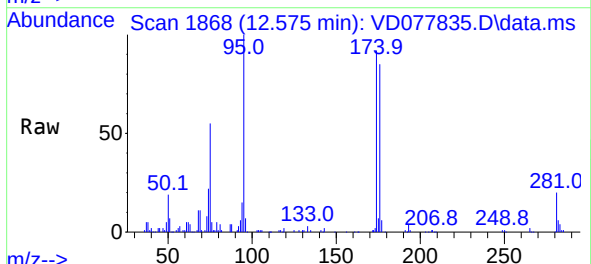
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

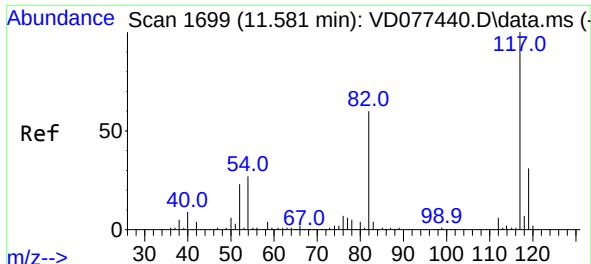
Tgt Ion:107 Resp: 27502
Ion Ratio Lower Upper
107 100
109 98.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 41.748 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 95 Resp: 89963
Ion Ratio Lower Upper
95 100
174 92.3 0.0 201.8
176 88.8 0.0 191.8

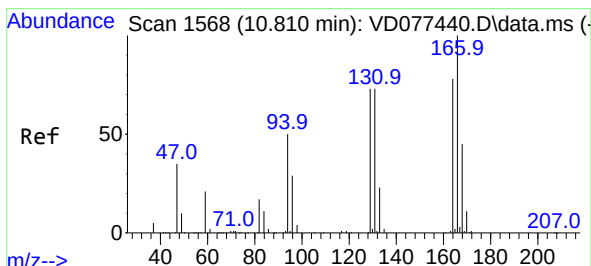
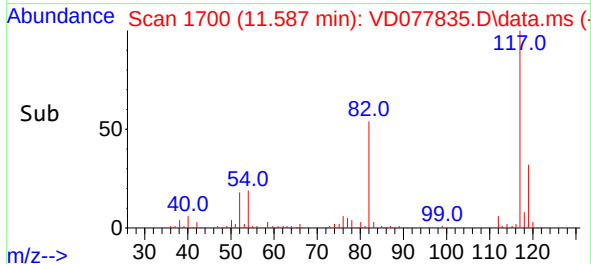
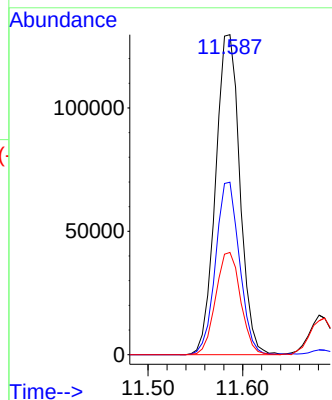
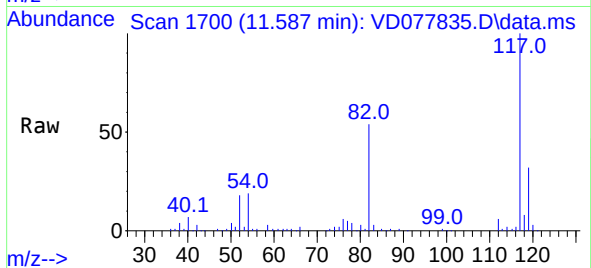




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

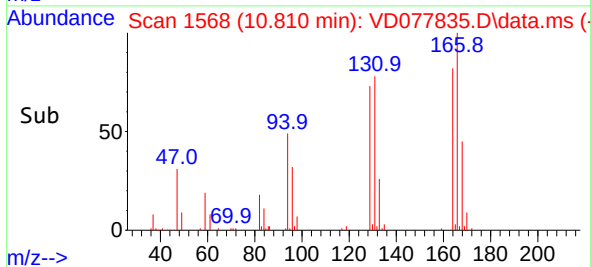
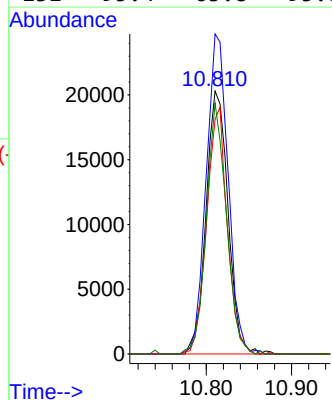
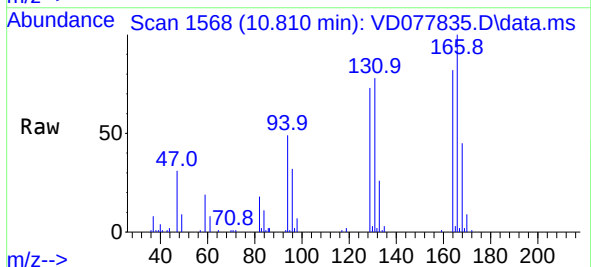
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

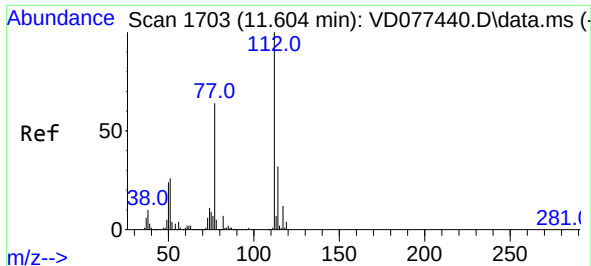
Tgt Ion:117 Resp: 231390
Ion Ratio Lower Upper
117 100
82 53.9 38.3 57.5
119 31.9 25.0 37.4



#64
Tetrachloroethene
Concen: 21.431 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion:164 Resp: 36447
Ion Ratio Lower Upper
164 100
166 121.8 99.2 148.8
129 89.3 68.4 102.6
131 95.4 63.8 95.8

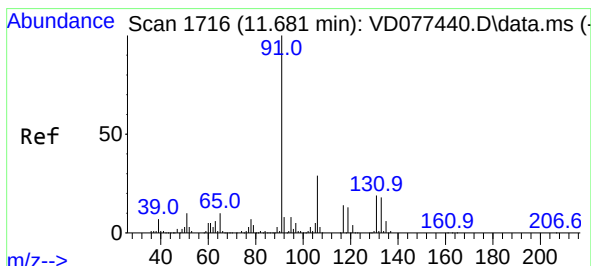
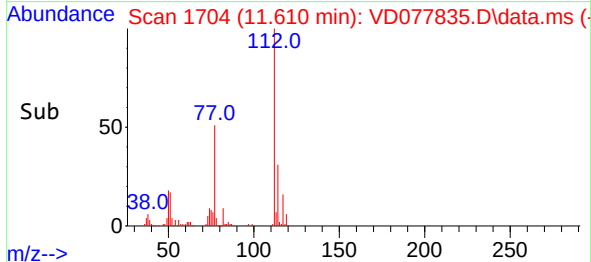
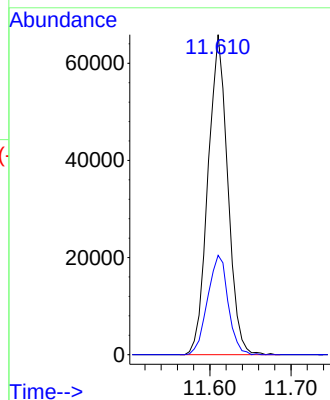
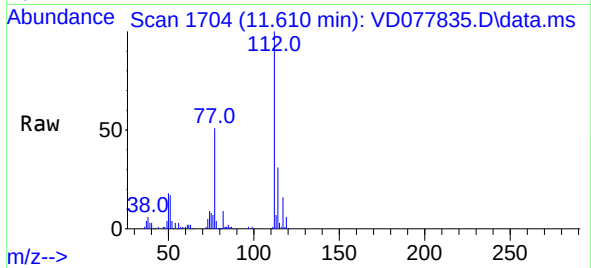




#65
Chlorobenzene
Concen: 19.240 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

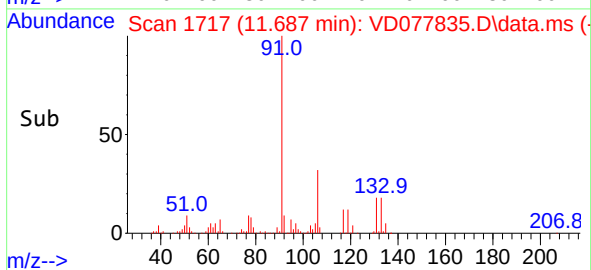
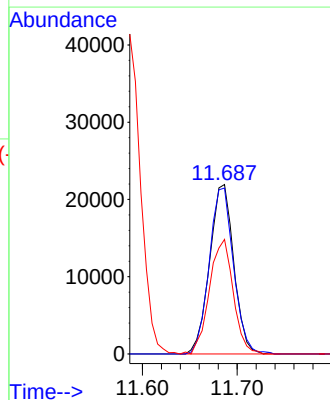
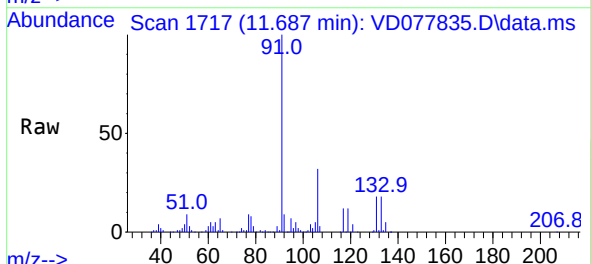
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

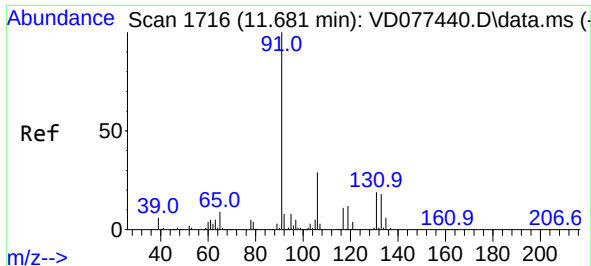
Tgt Ion:112 Resp: 111179
Ion Ratio Lower Upper
112 100
114 31.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.157 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion:131 Resp: 38785
Ion Ratio Lower Upper
131 100
133 98.8 48.5 145.5
119 66.8 35.6 106.9

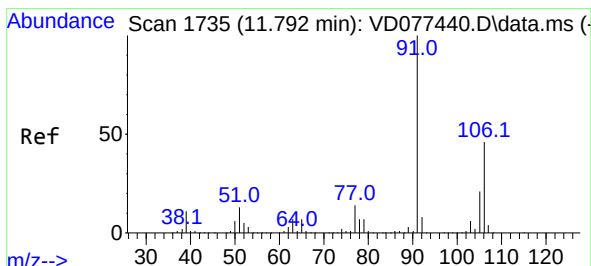
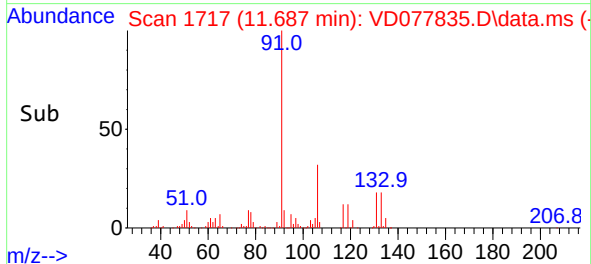
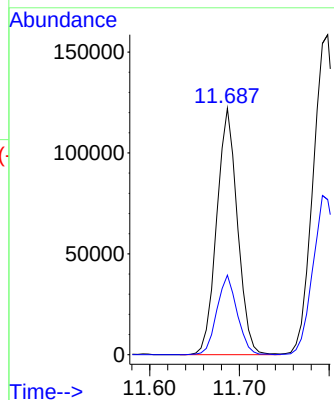
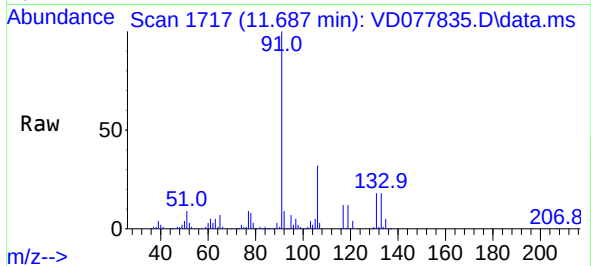




#67
Ethyl Benzene
Concen: 20.345 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

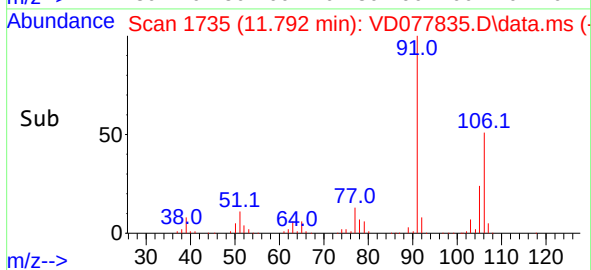
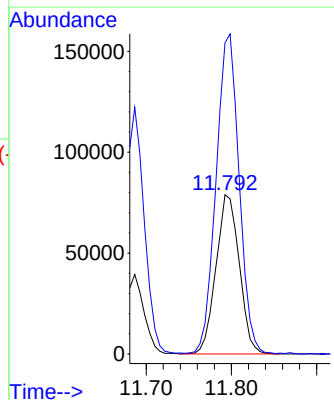
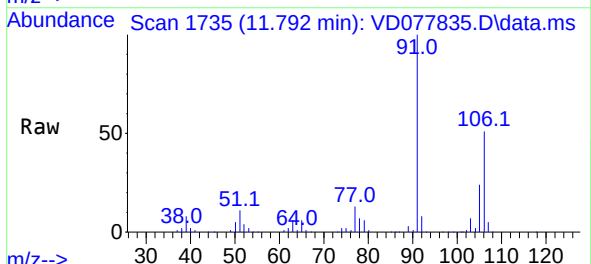
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

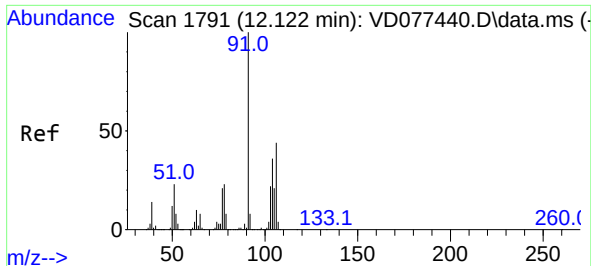
Tgt Ion: 91 Resp: 195988
Ion Ratio Lower Upper
91 100
106 32.3 26.5 39.7



#68
m/p-Xylenes
Concen: 40.683 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 106 Resp: 149910
Ion Ratio Lower Upper
106 100
91 198.5 147.0 220.6

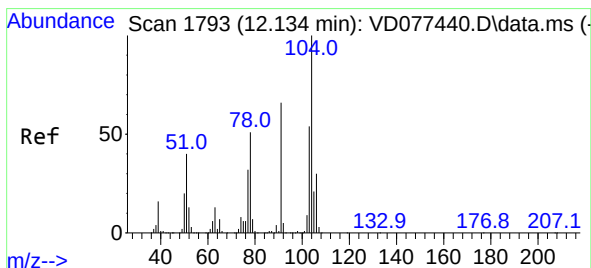
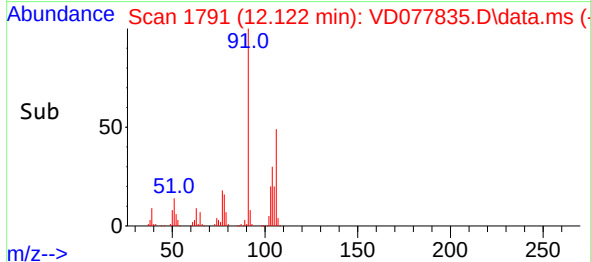
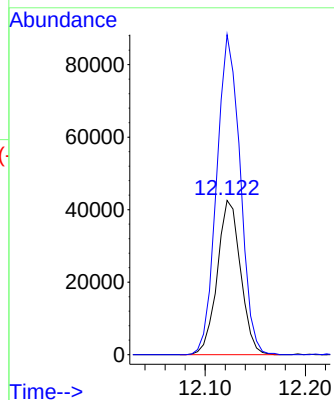
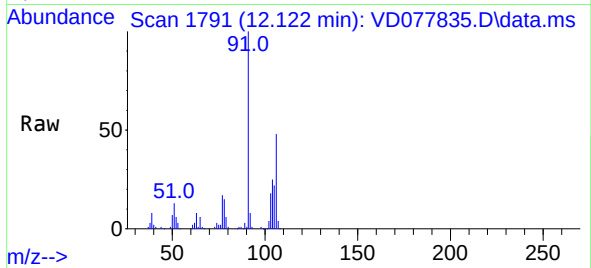




#69
o-Xylene
Concen: 20.231 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

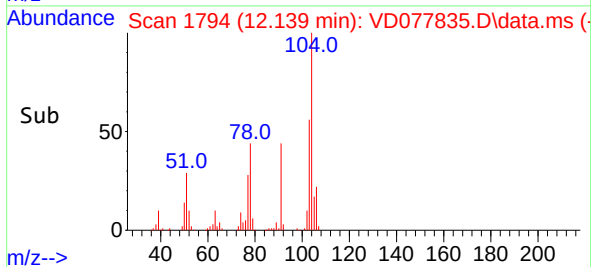
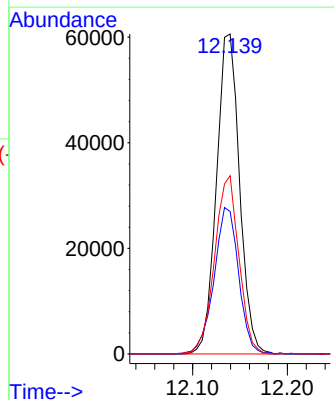
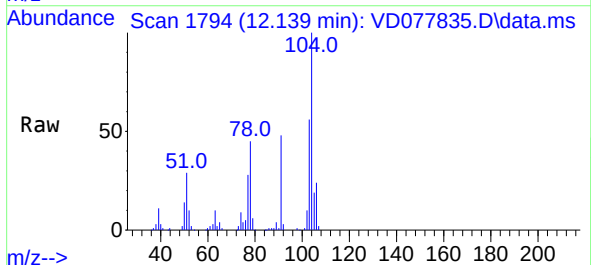
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

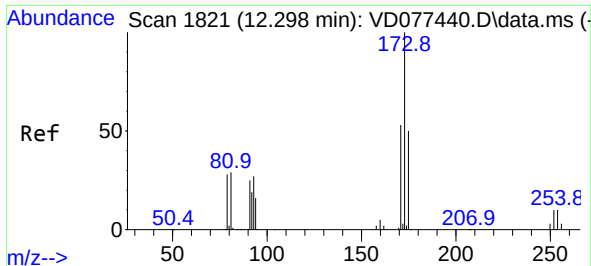
Tgt Ion:106 Resp: 68706
Ion Ratio Lower Upper
106 100
91 209.2 97.9 293.6



#70
Styrene
Concen: 20.336 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion:104 Resp: 102689
Ion Ratio Lower Upper
104 100
78 48.9 33.2 49.8
103 58.6 43.6 65.4

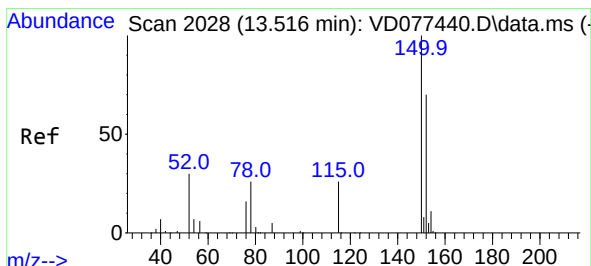
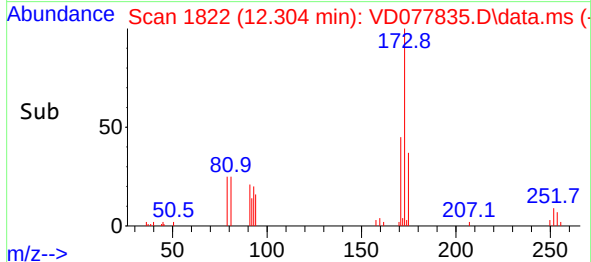
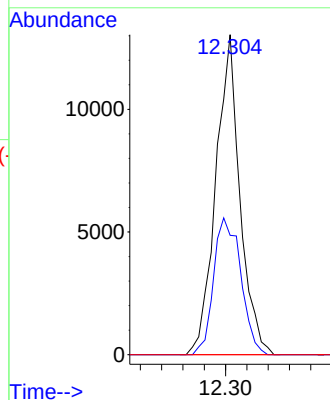
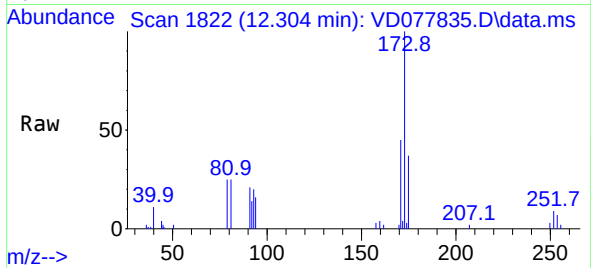




#71
Bromoform
Concen: 20.412 ug/l
RT: 12.304 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

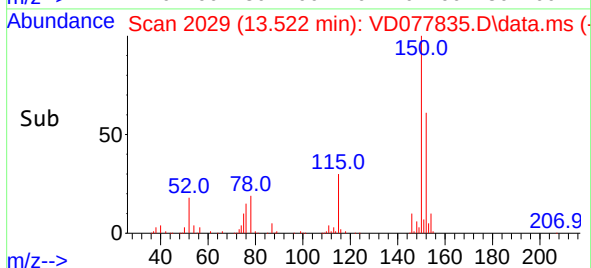
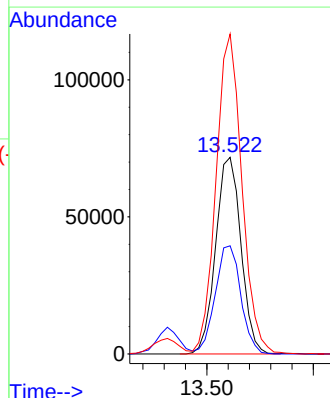
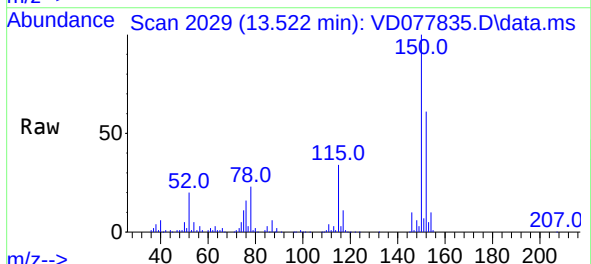
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

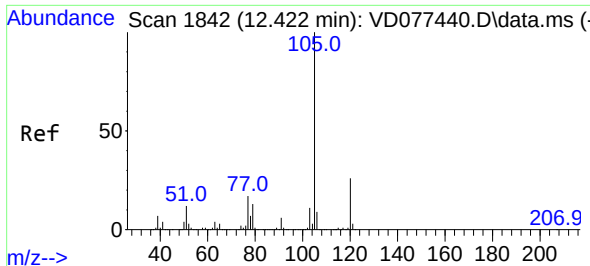
Tgt Ion:173 Resp: 20522
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion:152 Resp: 118411
Ion Ratio Lower Upper
152 100
115 55.7 27.1 81.3
150 166.2 0.0 353.6

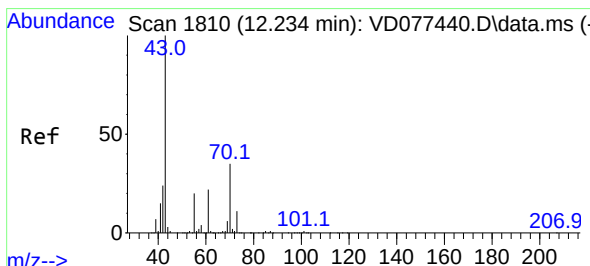
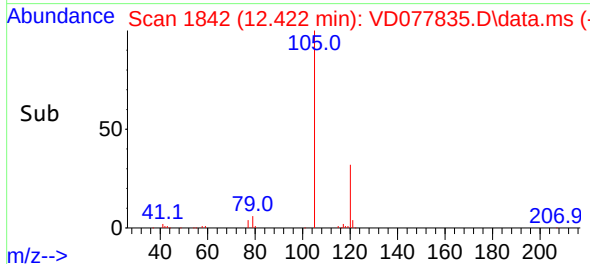
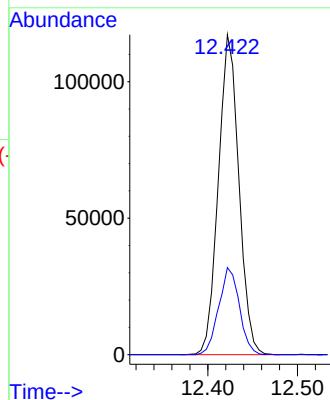
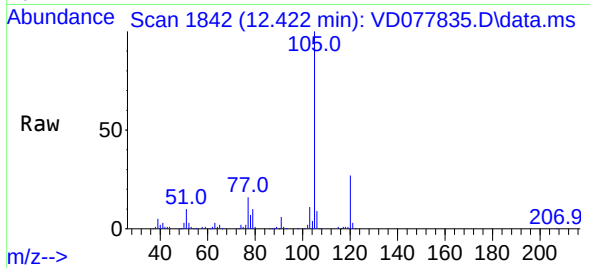




#73
Isopropylbenzene
Concen: 20.726 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

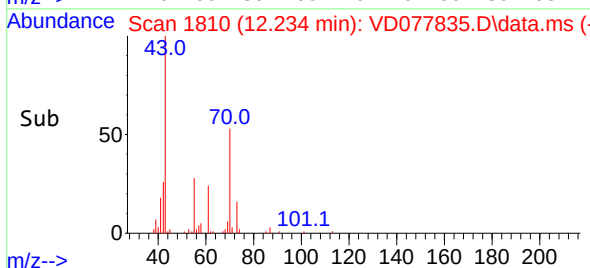
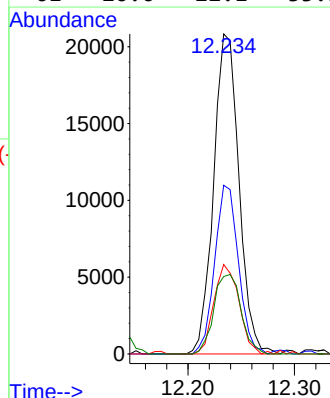
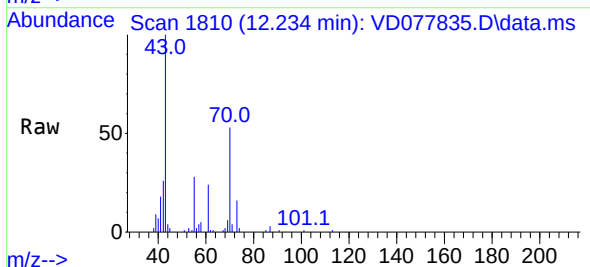
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

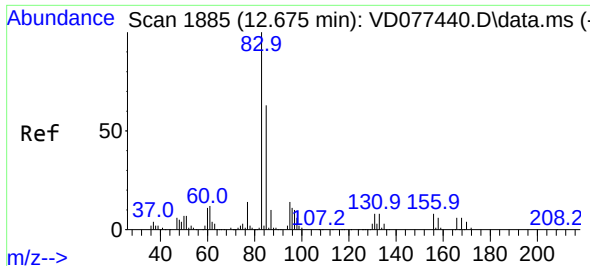
Tgt Ion:105 Resp: 186005
Ion Ratio Lower Upper
105 100
120 27.4 14.3 42.9



#74
N-ethyl acetate
Concen: 19.516 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 43 Resp: 34428
Ion Ratio Lower Upper
43 100
70 49.3 45.0 67.4
55 27.6 23.8 35.6
61 26.6 22.1 33.1

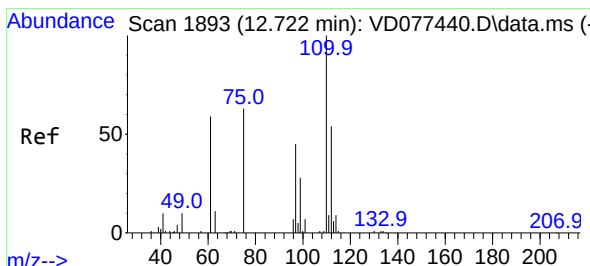
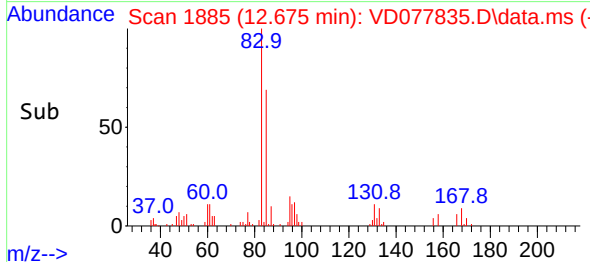
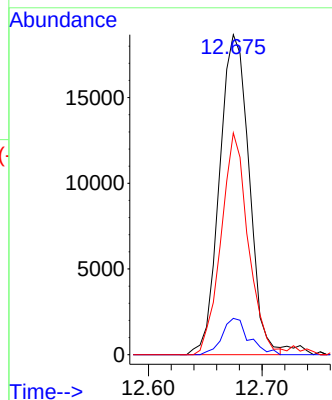
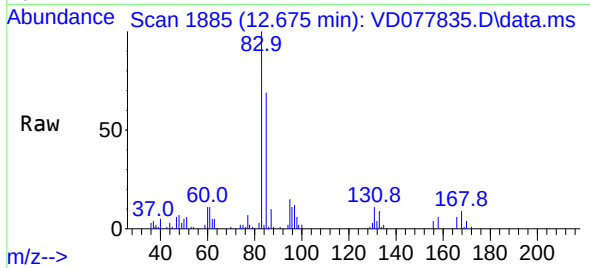




#75
1,1,2,2-Tetrachloroethane
Concen: 21.551 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

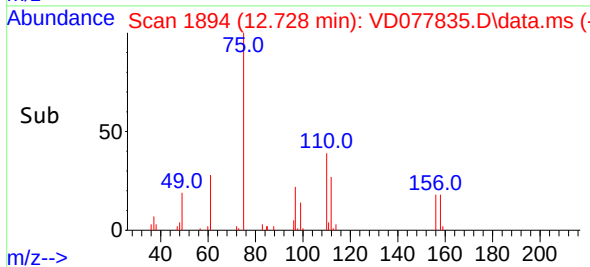
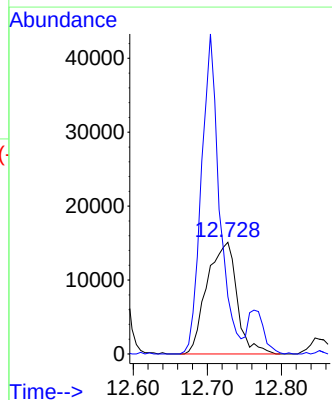
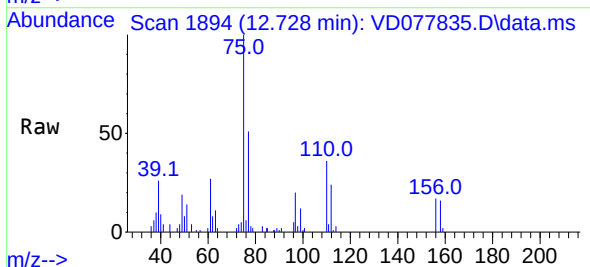
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

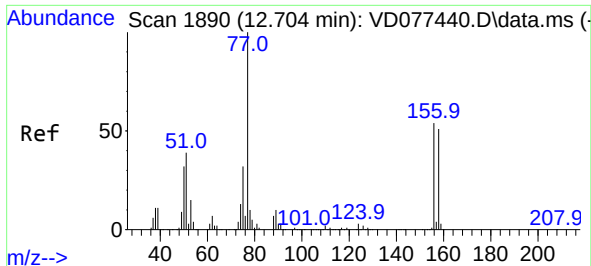
Tgt Ion: 83 Resp: 33723
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 64.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 41.176 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 75 Resp: 42346
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

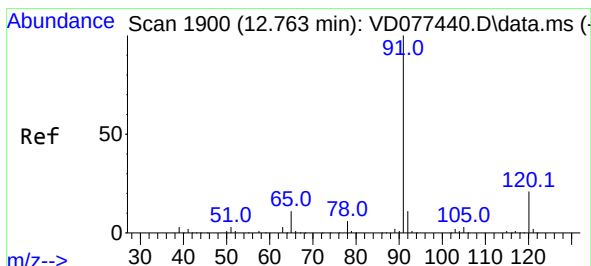
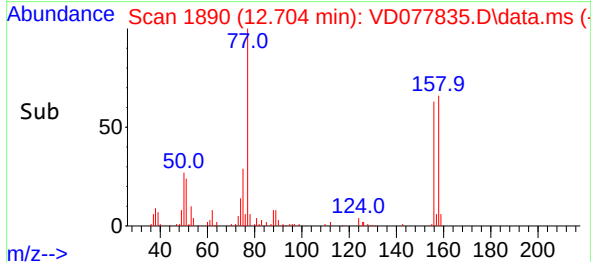
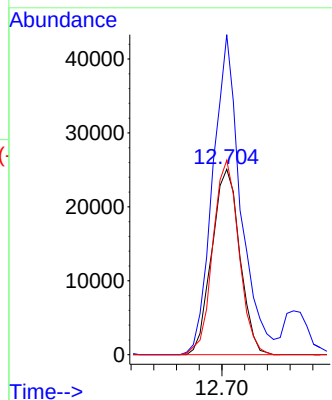
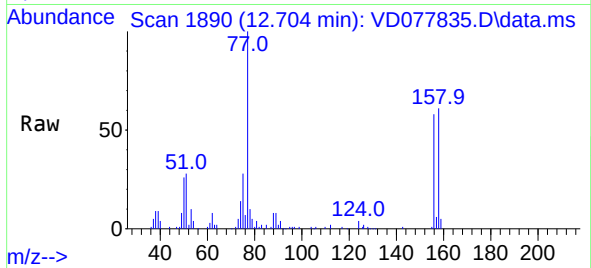




#77
Bromobenzene
Concen: 20.316 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

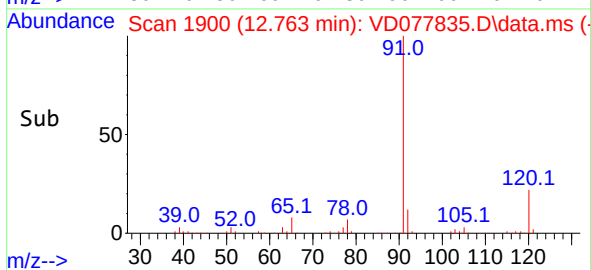
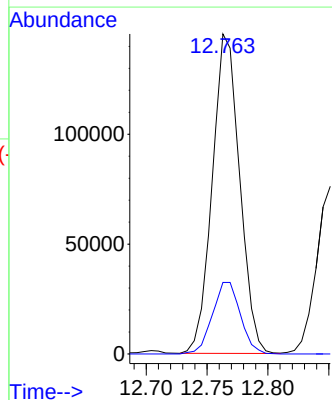
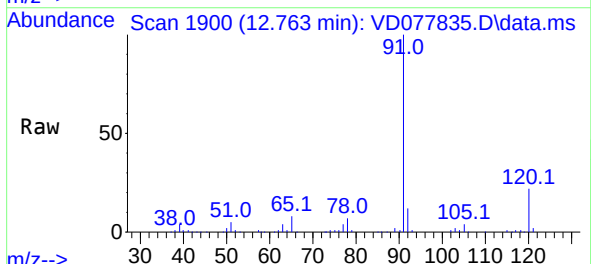
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

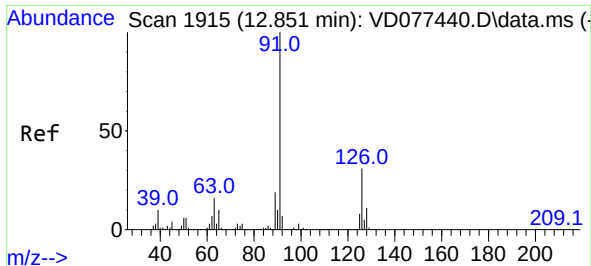
Tgt Ion:156 Resp: 42885
Ion Ratio Lower Upper
156 100
77 172.3 76.8 230.4
158 97.8 48.6 145.9



#78
n-propylbenzene
Concen: 20.814 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 91 Resp: 227612
Ion Ratio Lower Upper
91 100
120 22.9 12.4 37.2

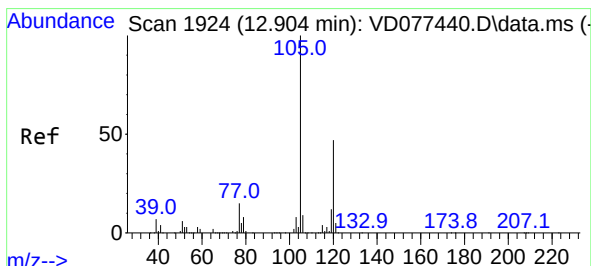
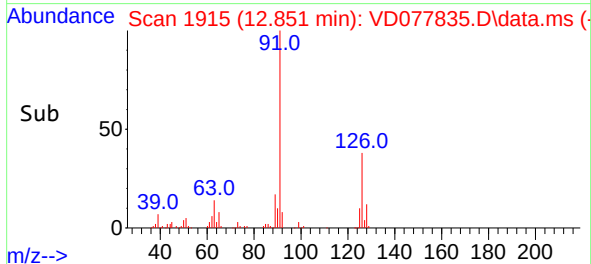
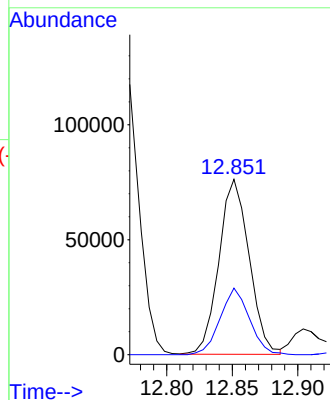
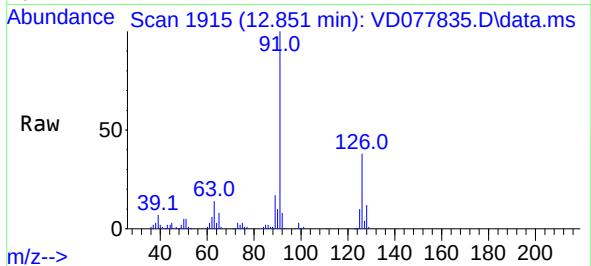




#79
2-Chlorotoluene
Concen: 20.859 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

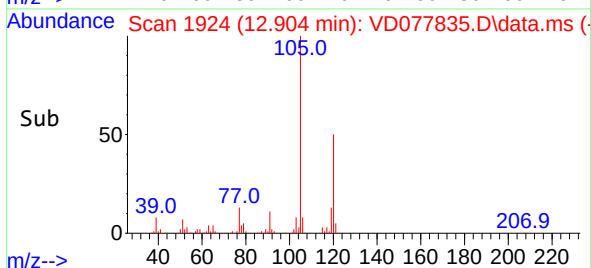
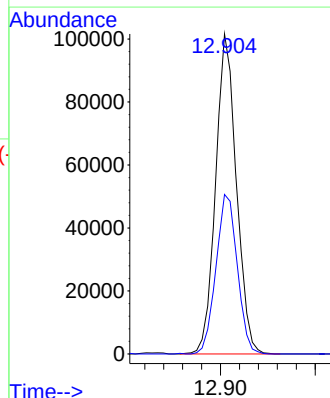
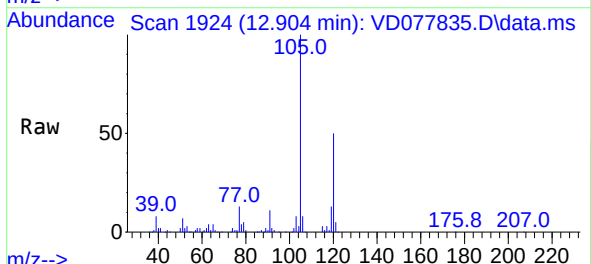
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

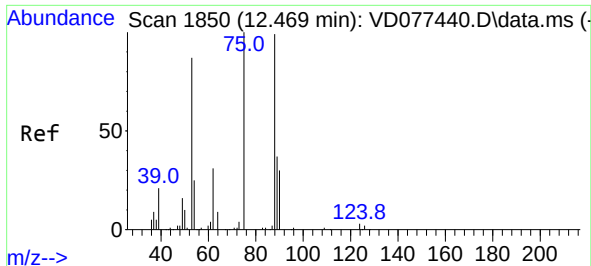
Tgt Ion: 91 Resp: 122243
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.650 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 105 Resp: 154569
Ion Ratio Lower Upper
105 100
120 51.1 26.4 79.2

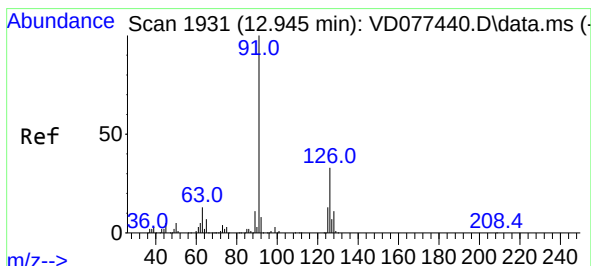
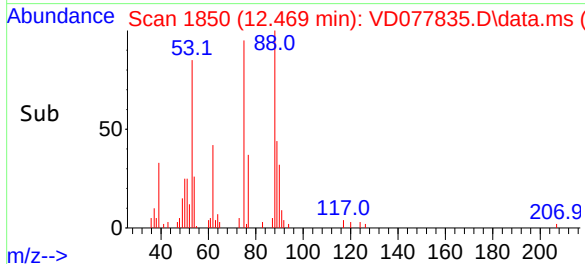
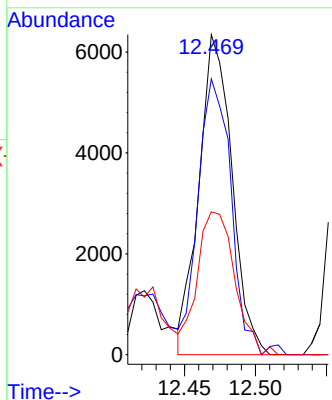
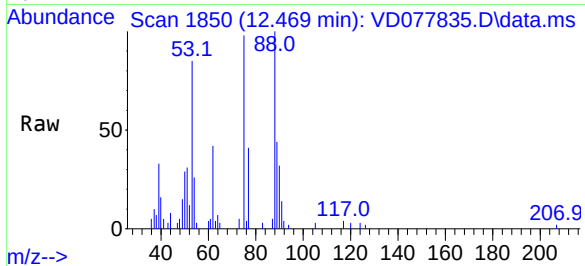




#81
trans-1,4-Dichloro-2-butene
Concen: 20.180 ug/l
RT: 12.469 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

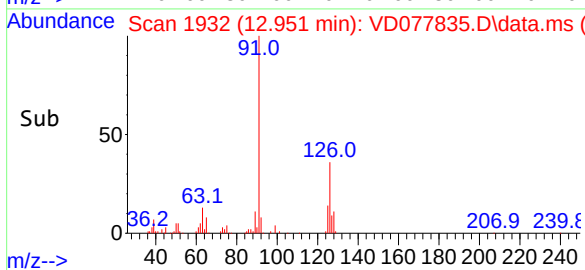
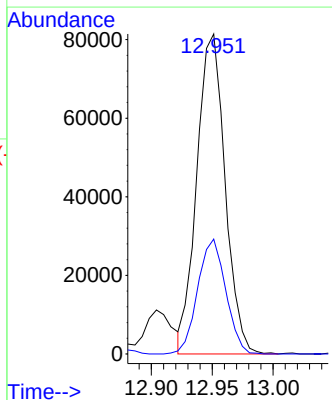
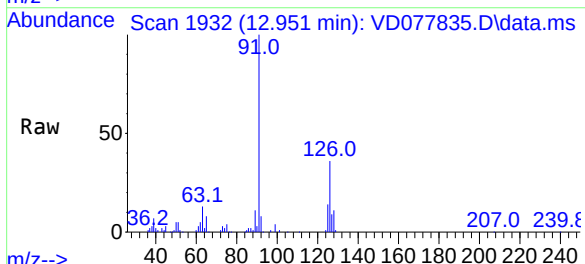
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

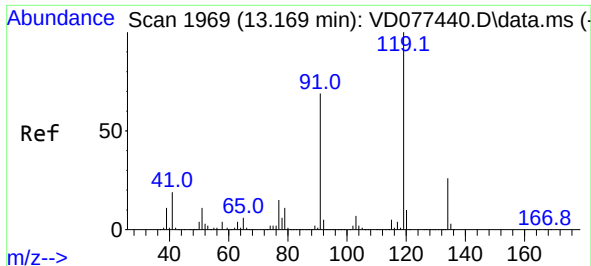
Tgt Ion: 75 Resp: 10243
Ion Ratio Lower Upper
75 100
53 86.6 63.0 94.4
89 50.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.518 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 91 Resp: 131835
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.4

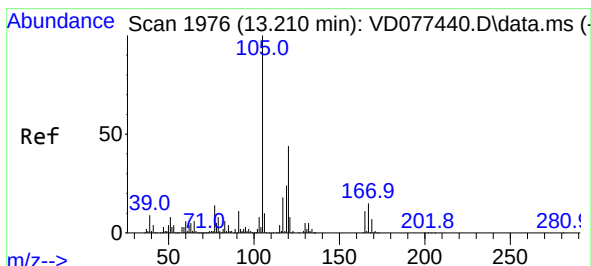
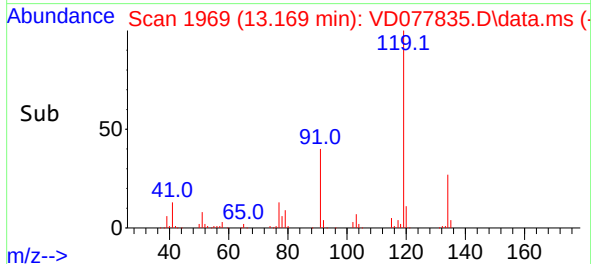
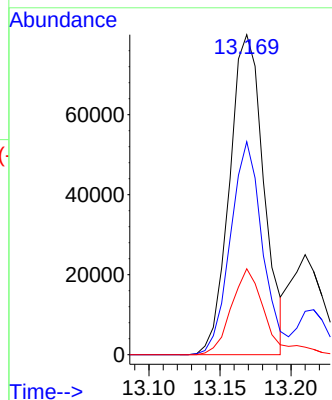
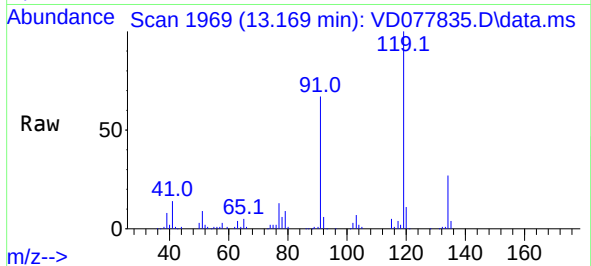




#83
tert-Butylbenzene
Concen: 21.251 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

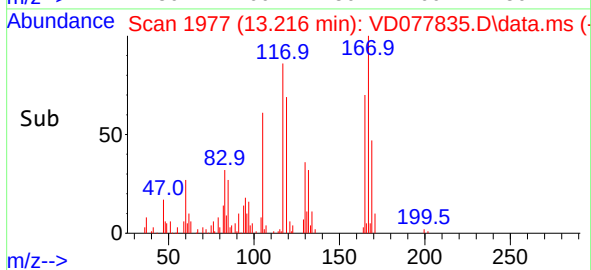
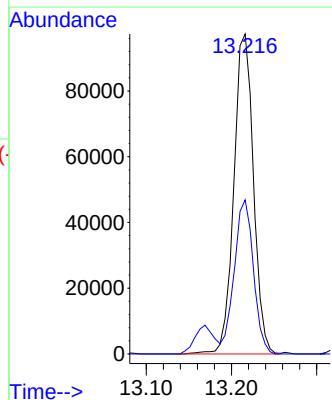
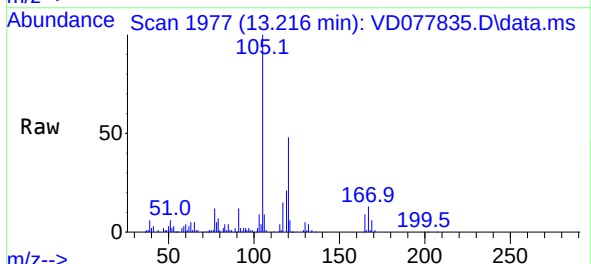
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

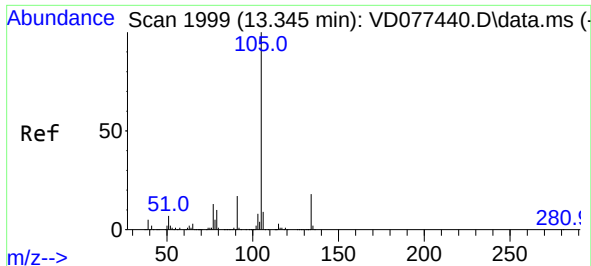
Tgt Ion:119 Resp: 134289
Ion Ratio Lower Upper
119 100
91 62.8 29.3 87.8
134 26.7 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.763 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion:105 Resp: 155445
Ion Ratio Lower Upper
105 100
120 47.1 24.3 72.9

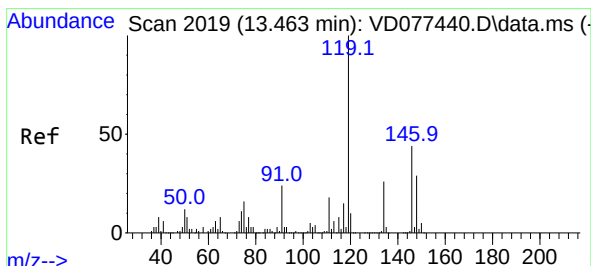
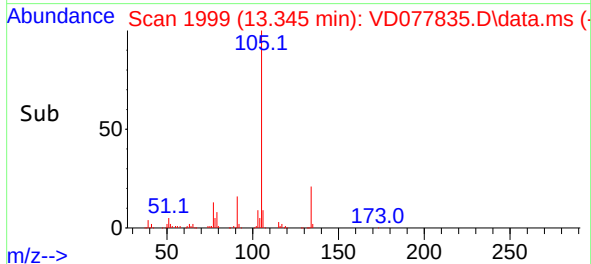
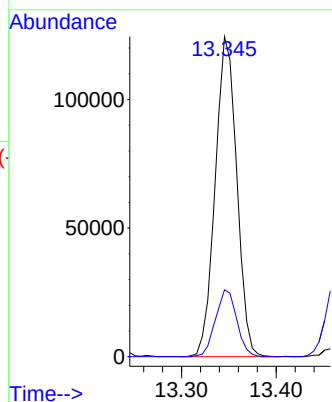
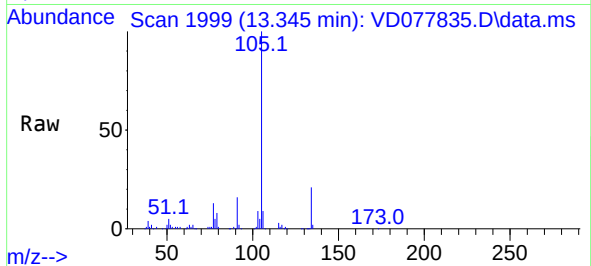




#85
 sec-Butylbenzene
 Concen: 21.097 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077835.D
 Acq: 12 Dec 2023 11:30

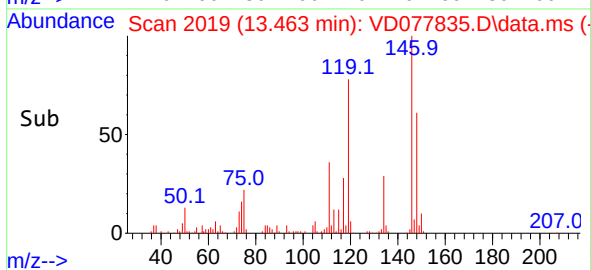
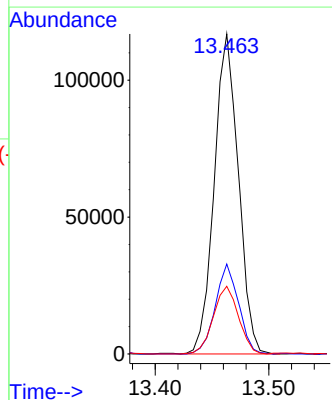
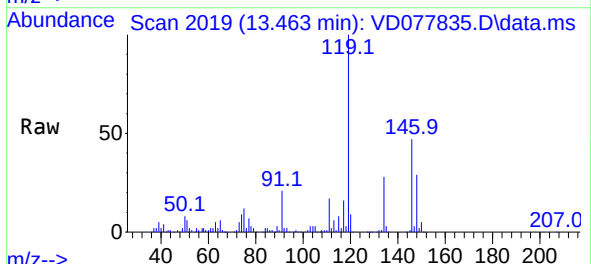
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBS03

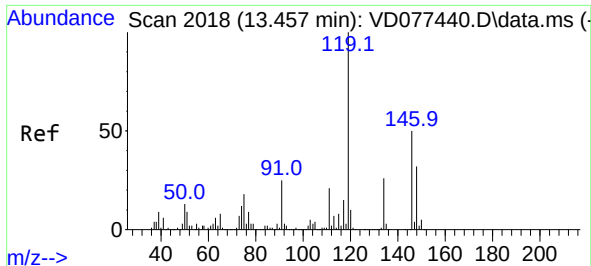
Tgt Ion:105 Resp: 197056
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.606 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077835.D
 Acq: 12 Dec 2023 11:30

Tgt Ion:119 Resp: 172325
 Ion Ratio Lower Upper
 119 100
 134 27.2 14.2 42.6
 91 22.0 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.702 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBS03

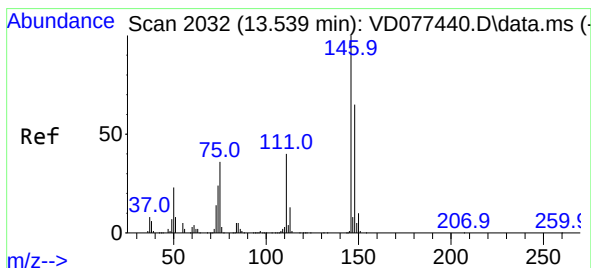
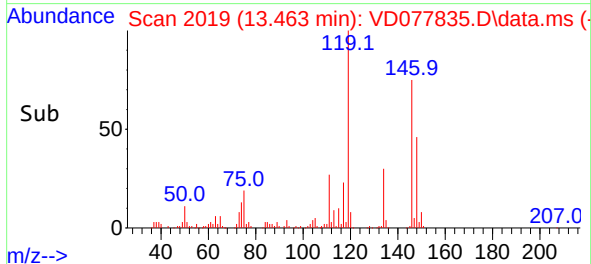
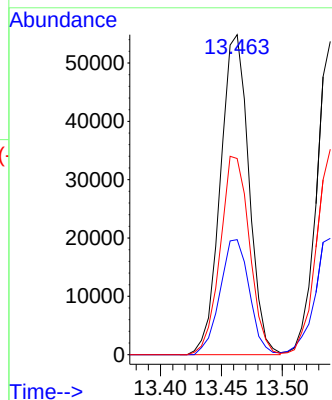
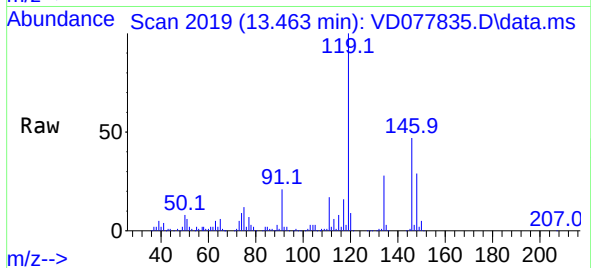
Tgt Ion:146 Resp: 89365

Ion Ratio Lower Upper

146 100

111 37.1 17.9 53.8

148 63.7 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 19.168 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

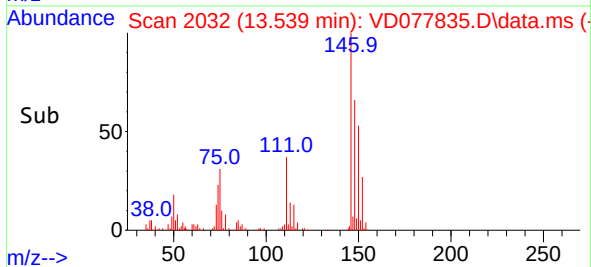
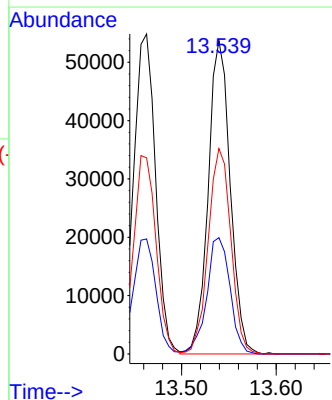
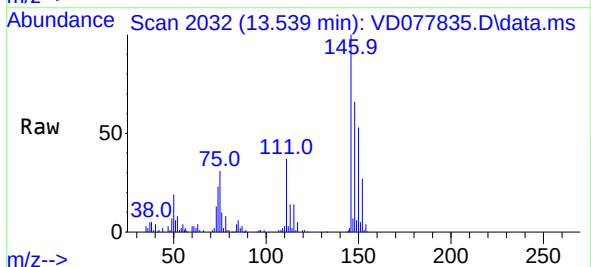
Tgt Ion:146 Resp: 86855

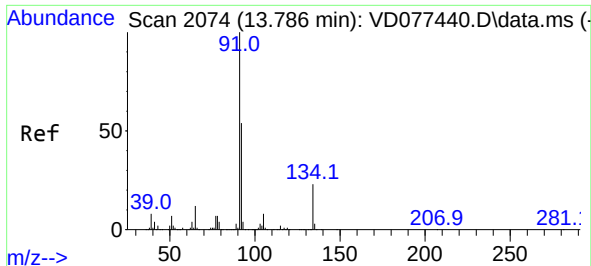
Ion Ratio Lower Upper

146 100

111 39.2 17.4 52.3

148 67.6 31.7 95.1

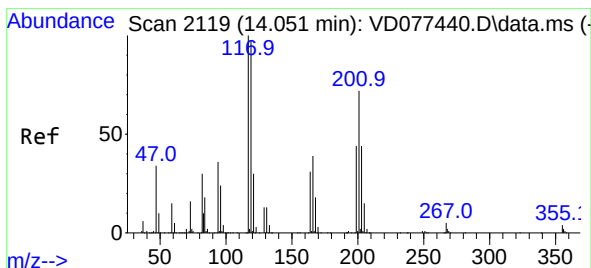
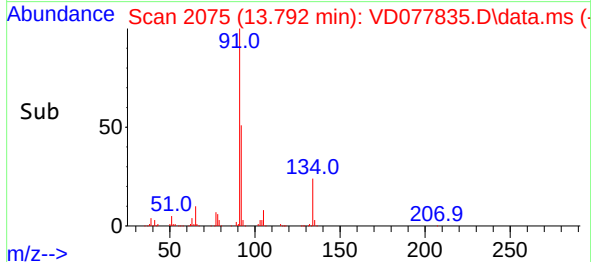
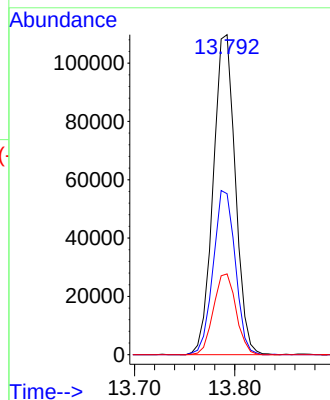
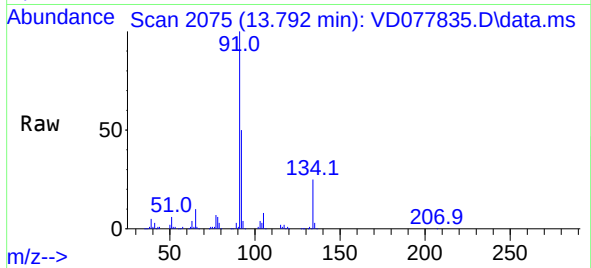




#89
n-Butylbenzene
Concen: 21.374 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

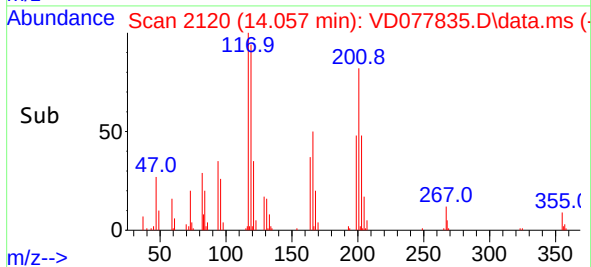
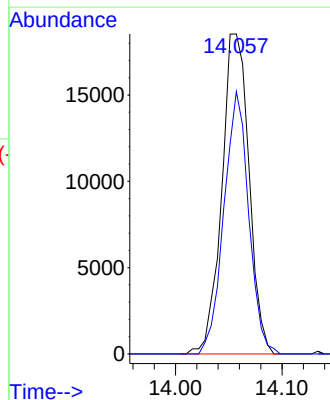
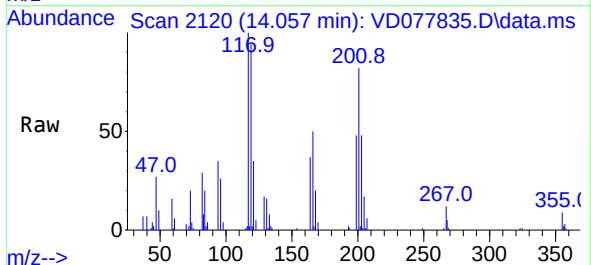
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

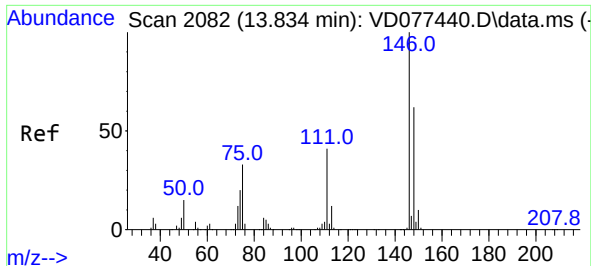
Tgt Ion: 91 Resp: 168195
Ion Ratio Lower Upper
91 100
92 51.2 26.5 79.5
134 25.9 13.8 41.3



#90
Hexachloroethane
Concen: 21.394 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 117 Resp: 32904
Ion Ratio Lower Upper
117 100
201 74.6 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 20.626 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBS03

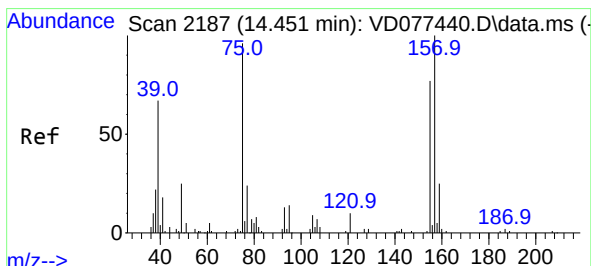
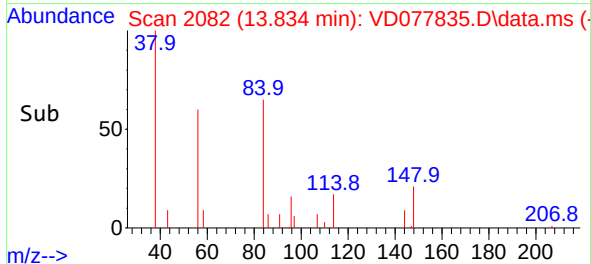
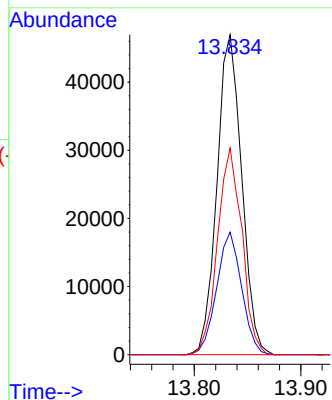
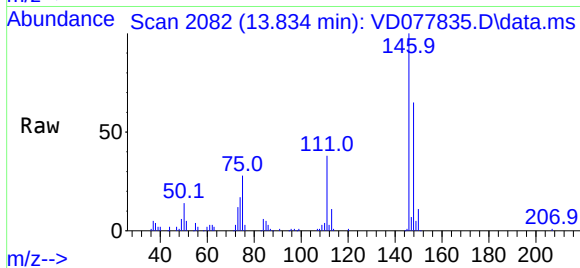
Tgt Ion:146 Resp: 75724

Ion Ratio Lower Upper

146 100

111 38.7 18.3 54.8

148 63.6 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.141 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

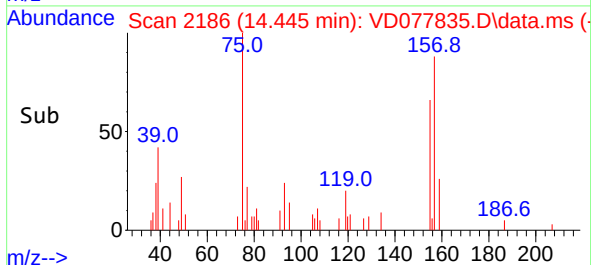
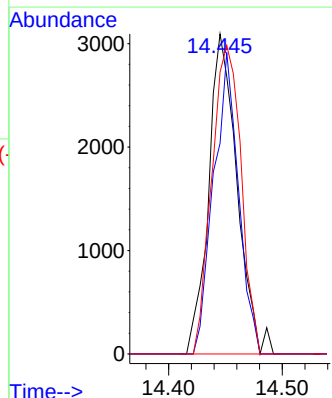
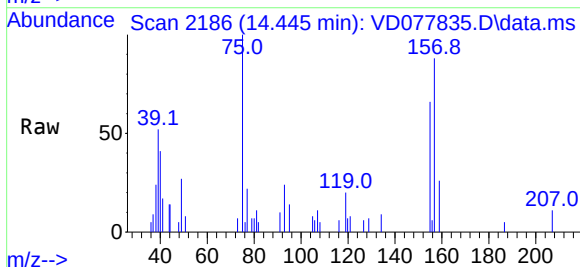
Tgt Ion: 75 Resp: 5365

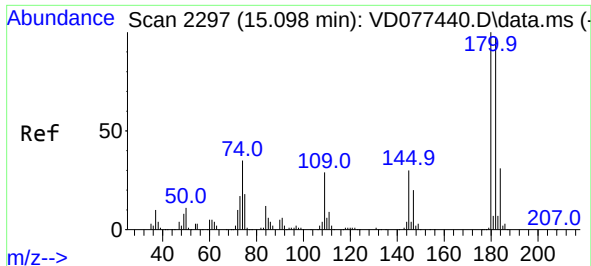
Ion Ratio Lower Upper

75 100

155 82.5 47.9 143.8

157 99.6 59.9 179.7

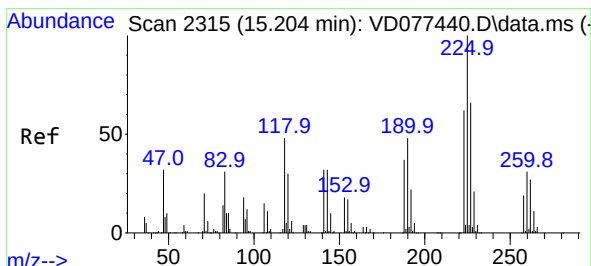
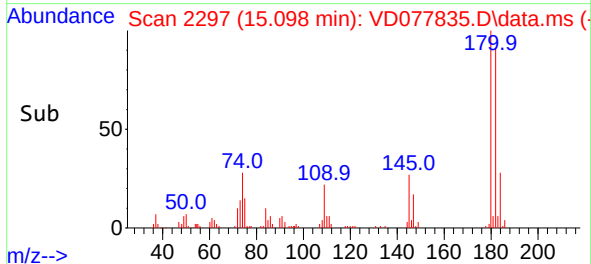
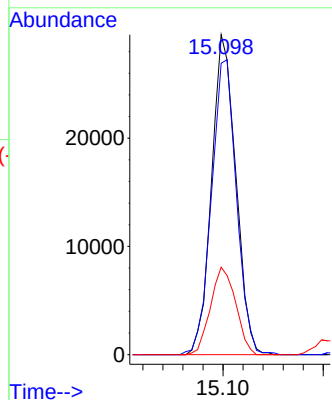
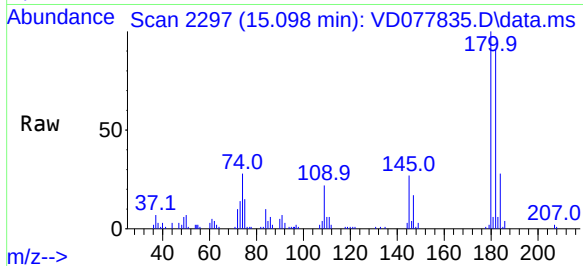




#93
1,2,4-Trichlorobenzene
Concen: 19.754 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

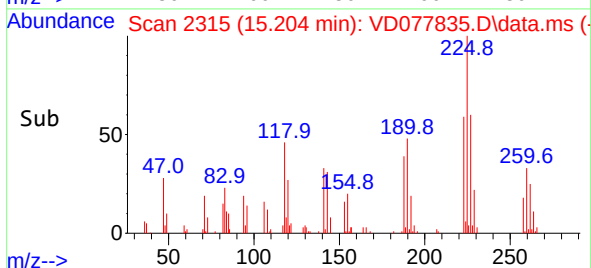
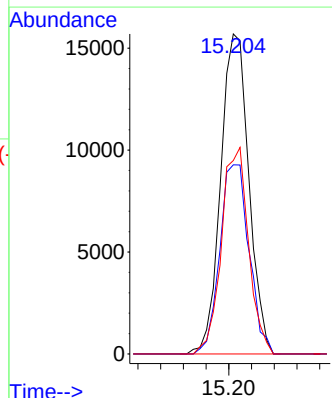
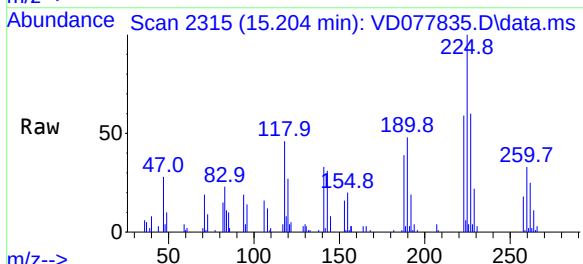
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

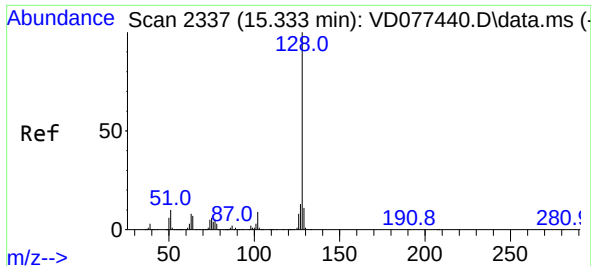
Tgt Ion:	180	Resp:	49537
Ion Ratio	Lower	Upper	
180	100		
182	95.0	48.5	145.6
145	28.4	14.2	42.6



#94
Hexachlorobutadiene
Concen: 20.001 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion:	225	Resp:	27047
Ion Ratio	Lower	Upper	
225	100		
223	61.5	31.6	94.8
227	62.0	31.7	95.1

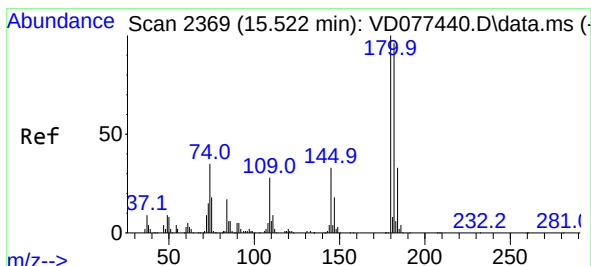
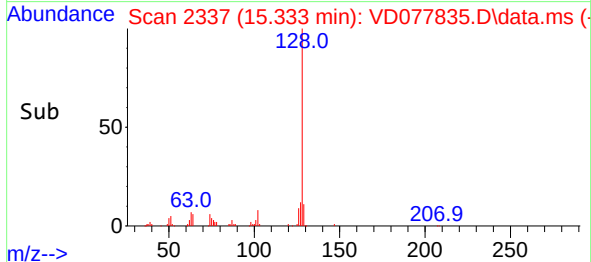
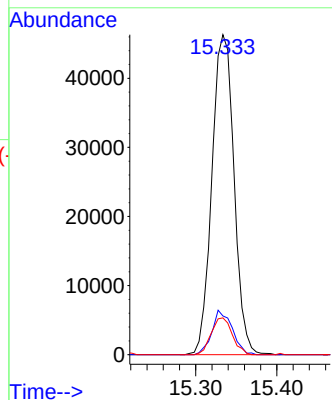
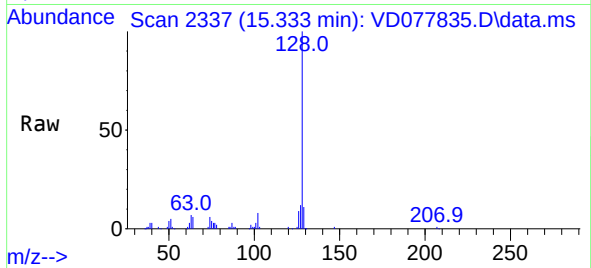




#95
Naphthalene
Concen: 21.042 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

Tgt Ion:128 Resp: 87675
Ion Ratio Lower Upper
128 100
127 12.1 10.5 15.7
129 11.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.880 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion:180 Resp: 41101
Ion Ratio Lower Upper
180 100
182 94.2 47.3 141.9
145 30.9 15.1 45.3

