

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091223\
 Data File : VD077085.D
 Acq On : 12 Sep 2023 11:26
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 13 01:48:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	318222	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	316567	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	175606	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	196898	25.111	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.440%	
7) Chloroethane-d5	2.799	69	163584	25.369	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.480%	
11) 1,1-Dichloroethene-d2	3.911	65	26208	14.714	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 58.840%	
21) 2-Butanone-d5	6.987	46	61602	62.362	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 124.720%	
24) Chloroform-d	7.563	84	227848	26.167	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 104.680%	
26) 1,2-Dichloroethane-d4	8.228	65	112631	27.291	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 109.160%	
32) Benzene-d6	8.199	84	450902	25.789	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.160%	
36) 1,2-Dichloropropane-d6	9.210	67	131501	26.226	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.920%	
41) Toluene-d8	10.269	98	421783	26.353	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 105.400%	
43) trans-1,3-Dichloroprop...	10.522	79	55478	24.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 97.120%	
47) 2-Hexanone-d5	10.881	63	49549	61.872	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 123.740%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	132648	29.675	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 118.680%	
66) 1,2-Dichlorobenzene-d4	13.816	152	144059	25.558	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	83274	20.406	ug/L	99
3) Chloromethane	2.146	50	156269	22.565	ug/L	99
5) Vinyl chloride	2.281	62	172800	21.272	ug/L	100
6) Bromomethane	2.693	94	112177	19.768	ug/L	98
8) Chloroethane	2.834	64	113195	21.233	ug/L	98
9) Trichlorofluoromethane	3.169	101	152020	19.791	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	94730	20.162	ug/L	99
12) 1,1-Dichloroethene	3.940	96	88550	20.722	ug/L	94
13) Acetone	4.016	43	65334	46.106	ug/L	98
14) Carbon disulfide	4.269	76	279562	20.210	ug/L	99
15) Methyl Acetate	4.558	43	47842	25.241	ug/L #	86
16) Methylene chloride	4.799	84	126615	19.550	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	99228	21.327	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	229195	22.810	ug/L #	80
19) 1,1-Dichloroethane	6.105	63	169969	21.666	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	112863	21.188	ug/L	97
22) 2-Butanone	7.081	43	77150	45.129	ug/L	98
23) Bromochloromethane	7.422	128	57572	22.647	ug/L	96
25) Chloroform	7.593	83	188429	21.511	ug/L	99

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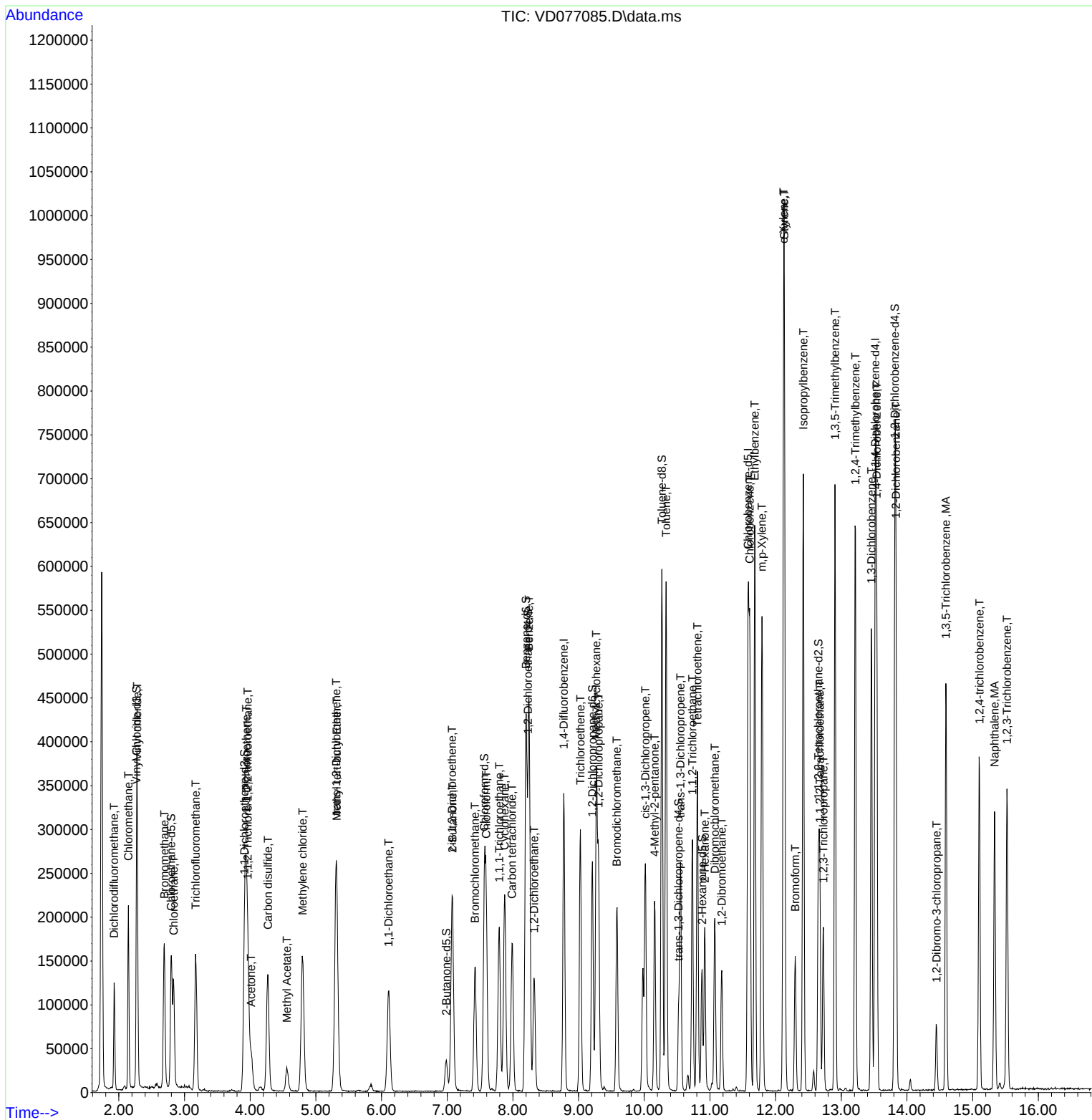
Instrument :
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 ClientSampleId :

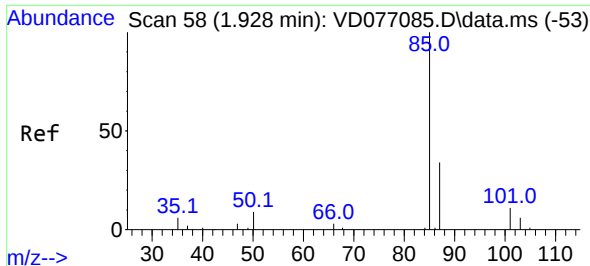
Quant Time: Sep 13 01:48:37 2023
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 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	117601	22.416	ug/L	100
29) Cyclohexane	7.875	56	118734	19.945	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	157653	21.304	ug/L	97
31) Carbon tetrachloride	7.987	117	134017	21.408	ug/L	99
33) Benzene	8.246	78	411411	21.634	ug/L	100
34) Trichloroethene	9.028	95	103382	20.502	ug/L	98
35) Methylcyclohexane	9.269	83	154134	19.821	ug/L	99
37) 1,2-Dichloropropane	9.304	63	100740	21.003	ug/L	98
38) Bromodichloromethane	9.581	83	145593	22.002	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	169313	22.202	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	136986	51.964	ug/L	99
42) Toluene	10.334	91	456055	22.141	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	149482	22.928	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	94563	23.298	ug/L	92
46) Tetrachloroethene	10.810	164	84333	20.458	ug/L	96
48) 2-Hexanone	10.922	43	113832	55.995	ug/L	98
49) Dibromochloromethane	11.075	129	107688	22.716	ug/L	97
50) 1,2-Dibromoethane	11.181	107	94462	23.558	ug/L	99
51) Chlorobenzene	11.604	112	292753	21.256	ug/L	98
52) Ethylbenzene	11.681	91	476916	21.395	ug/L	99
53) m,p-Xylene	11.793	106	184684	21.456	ug/L	95
54) o-Xylene	12.122	106	179372	21.589	ug/L	97
55) Styrene	12.134	104	330830	22.281	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	114585	24.003	ug/L	95
59) Bromoform	12.298	173	72259	22.815	ug/L	100
60) Isopropylbenzene	12.422	105	461756	20.402	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	78119	23.306	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	360044	20.568	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	363635	21.203	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	226193	20.977	ug/L	93
65) 1,4-Dichlorobenzene	13.539	146	238309	21.155	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	213411	21.519	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	17426	24.858	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	150752	21.215	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	127916	21.033	ug/L	99
71) Naphthalene	15.334	128	285587	23.489	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	123672	22.140	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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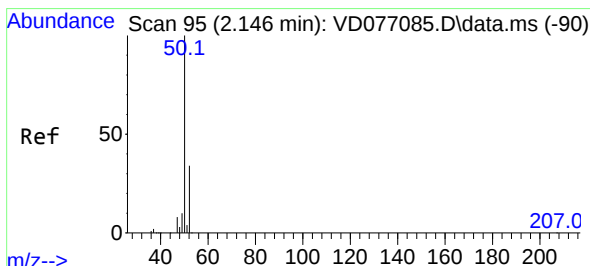
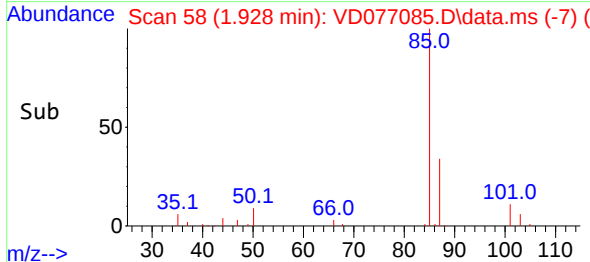
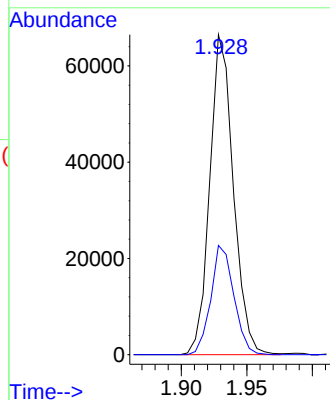
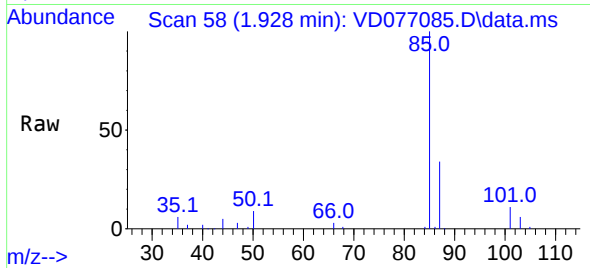




#2
Dichlorodifluoromethane
Concen: 20.406 ug/L
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

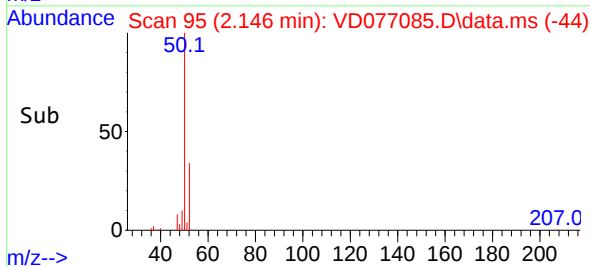
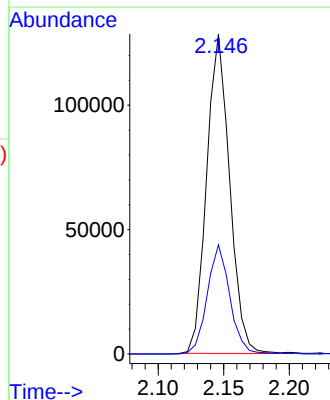
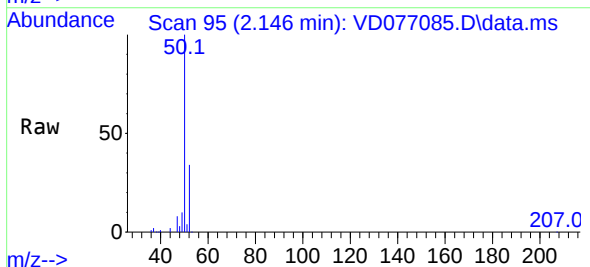
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MSVOA_D
ClientSampleId :

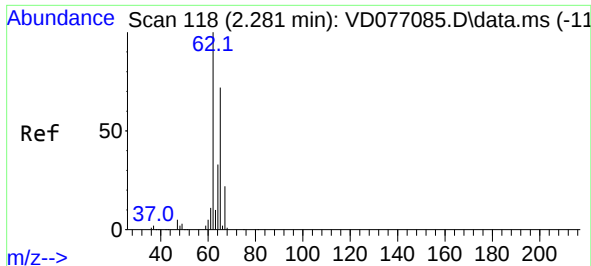
Tgt Ion: 85 Resp: 83274
Ion Ratio Lower Upper
85 100
87 33.3 27.0 40.6



#3
Chloromethane
Concen: 22.565 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Tgt Ion: 50 Resp: 156269
Ion Ratio Lower Upper
50 100
52 34.1 23.5 43.7

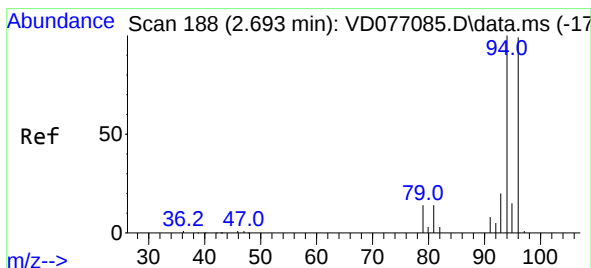
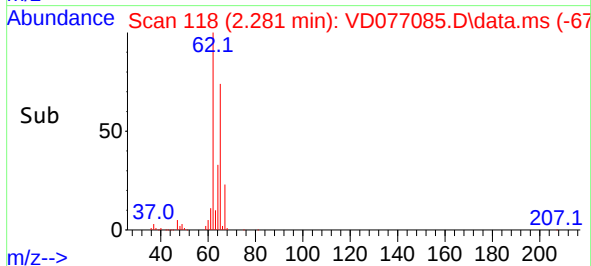
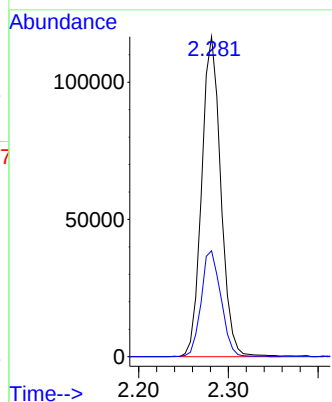
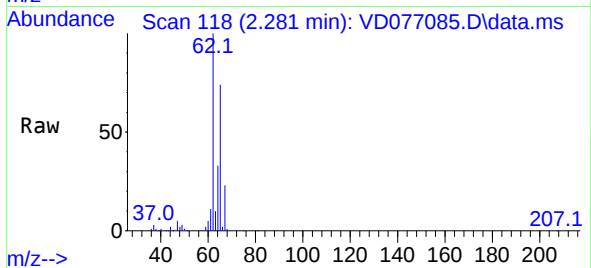




#5
 Vinyl chloride
 Concen: 21.272 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD077085.D
 Acq: 12 Sep 2023 11:26

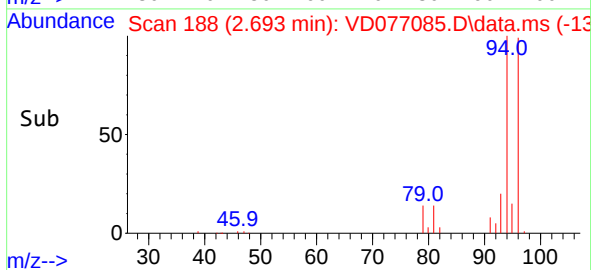
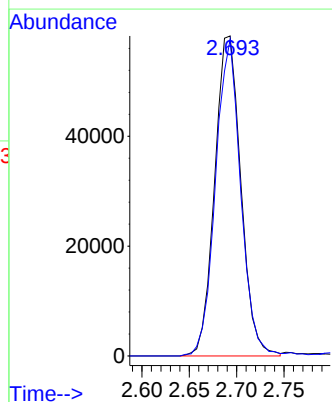
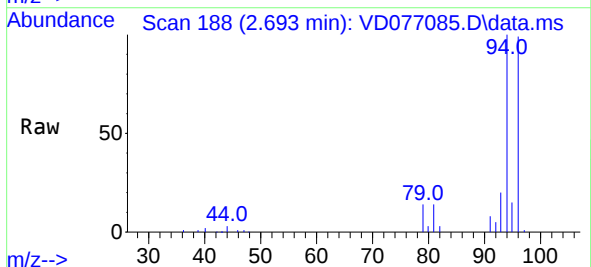
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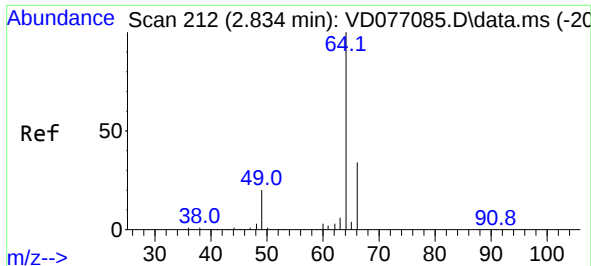
Tgt Ion: 62 Resp: 172800
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.2



#6
 Bromomethane
 Concen: 19.768 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD077085.D
 Acq: 12 Sep 2023 11:26

Tgt Ion: 94 Resp: 112177
 Ion Ratio Lower Upper
 94 100
 96 98.9 68.2 126.6

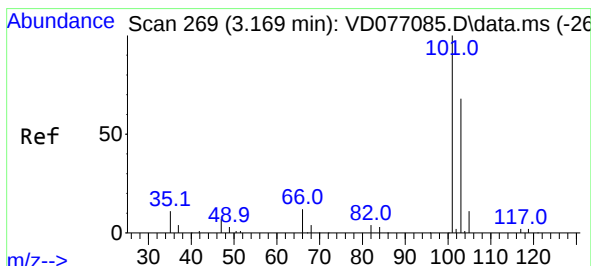
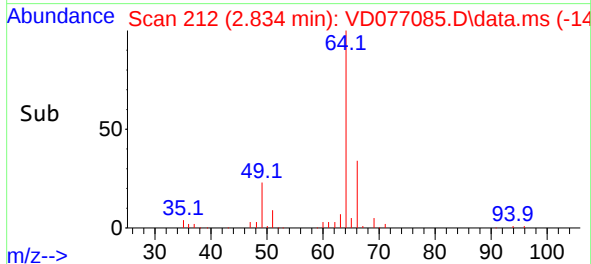
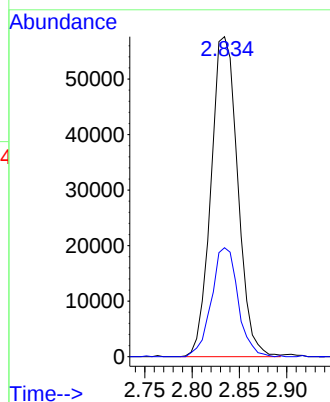
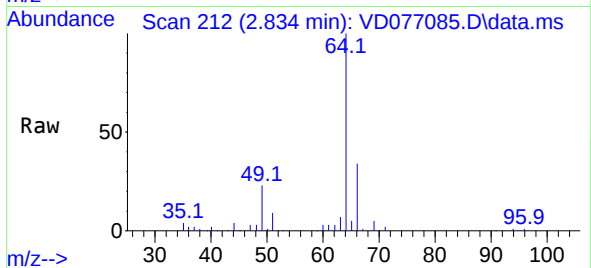




#8
Chloroethane
Concen: 21.233 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

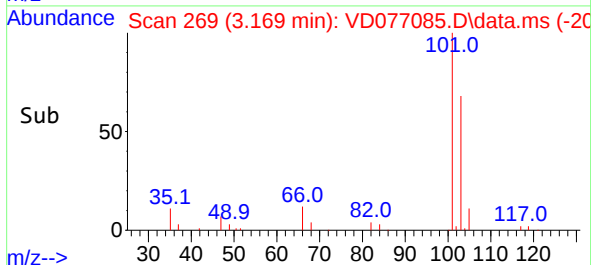
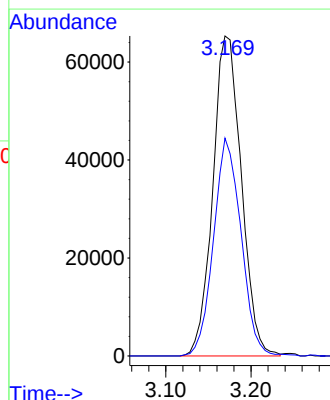
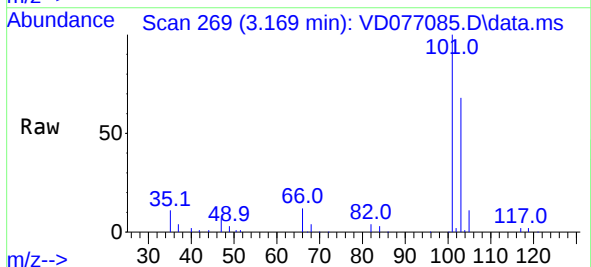
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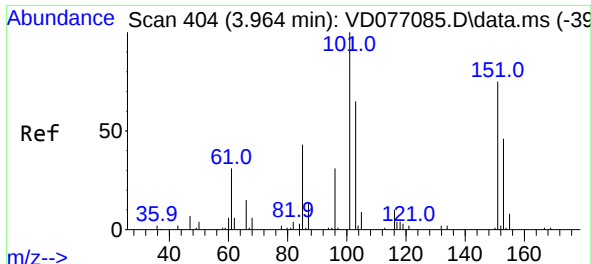
Tgt Ion: 64 Resp: 113195
Ion Ratio Lower Upper
64 100
66 34.1 23.0 42.6



#9
Trichlorofluoromethane
Concen: 19.791 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Tgt Ion:101 Resp: 152020
Ion Ratio Lower Upper
101 100
103 65.3 52.0 78.0

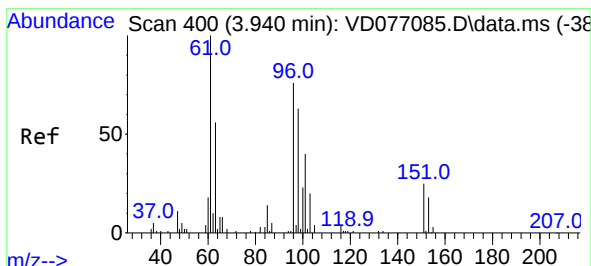
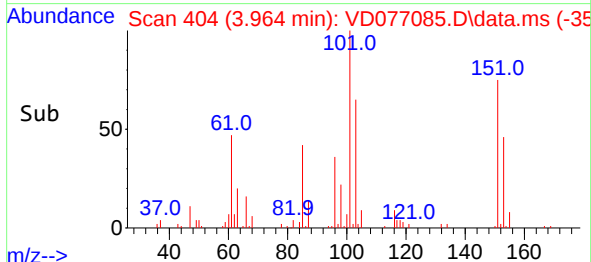
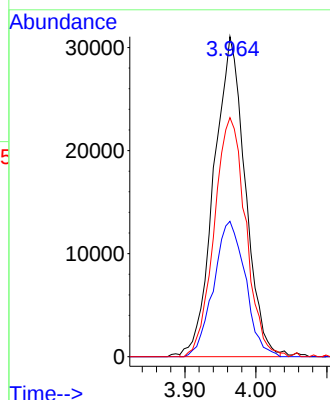
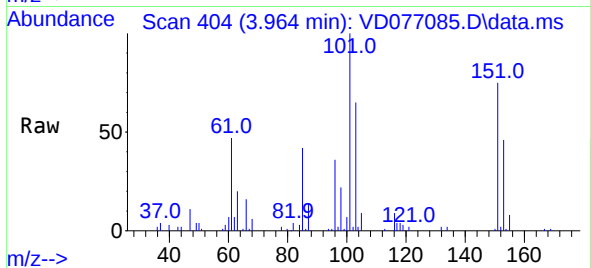




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.162 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD077085.D
 Acq: 12 Sep 2023 11:26

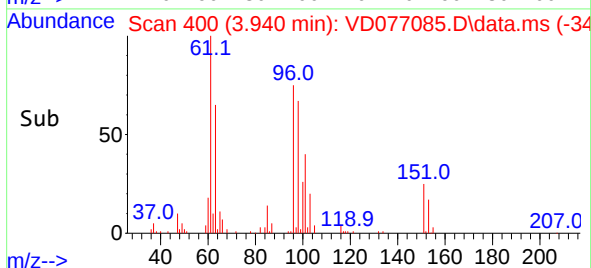
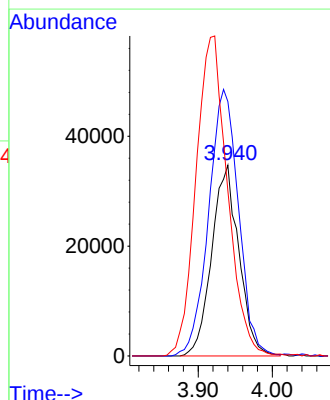
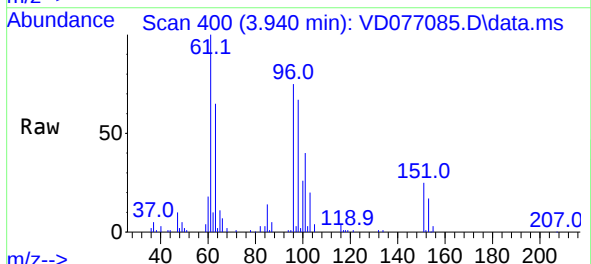
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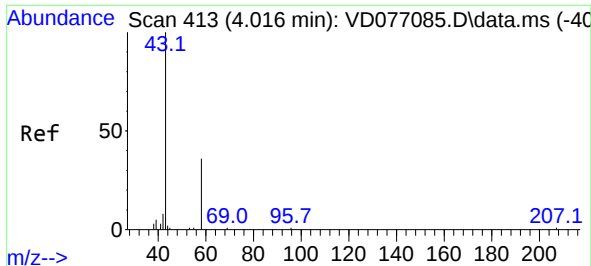
Tgt Ion:101 Resp: 94730
 Ion Ratio Lower Upper
 101 100
 85 43.0 33.4 50.2
 151 75.6 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 20.722 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD077085.D
 Acq: 12 Sep 2023 11:26

Tgt Ion: 96 Resp: 88550
 Ion Ratio Lower Upper
 96 100
 61 133.4 95.5 177.3
 63 86.5 68.6 127.4

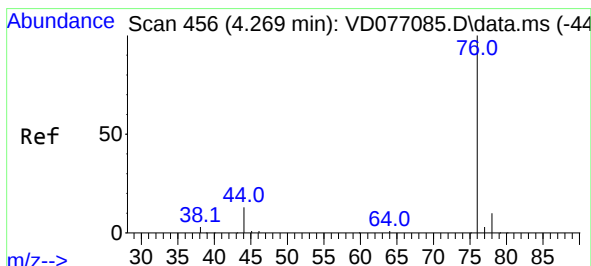
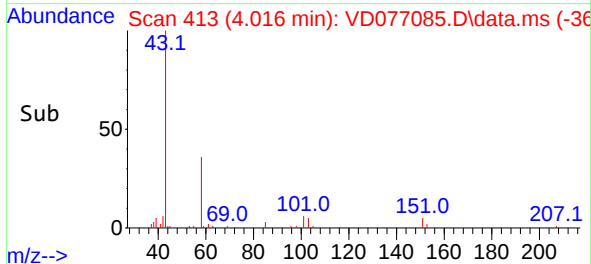
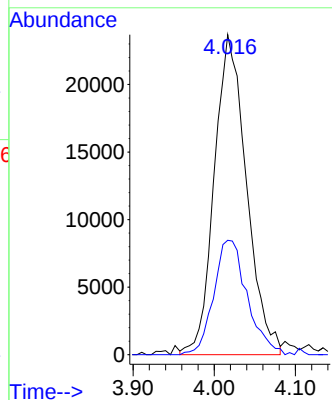
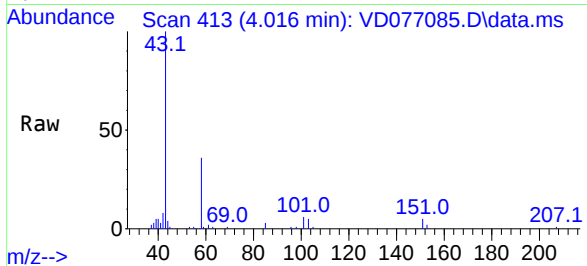




#13
Acetone
Concen: 46.106 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

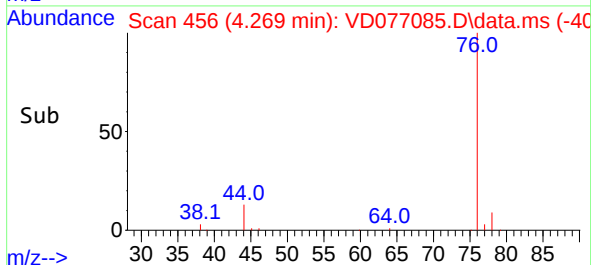
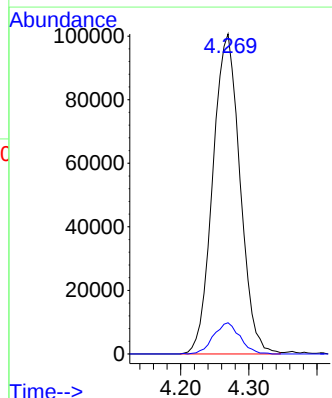
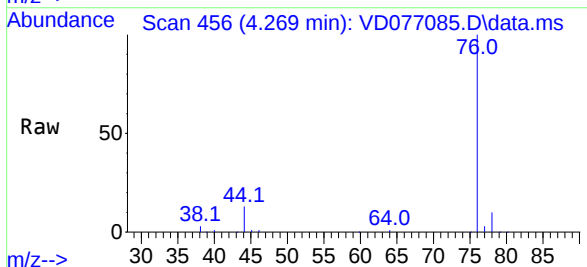
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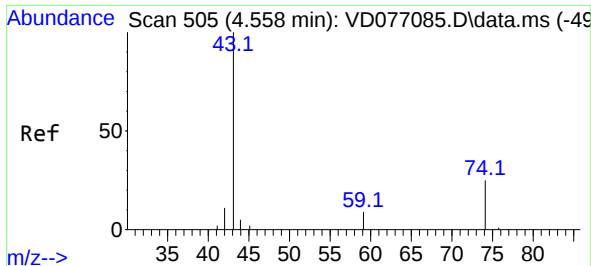
Tgt Ion: 43 Resp: 65334
Ion Ratio Lower Upper
43 100
58 37.2 0.0 71.8



#14
Carbon disulfide
Concen: 20.210 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Tgt Ion: 76 Resp: 279562
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3

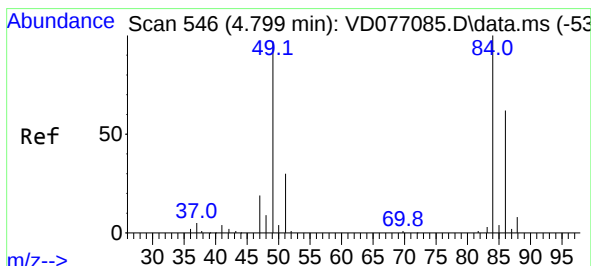
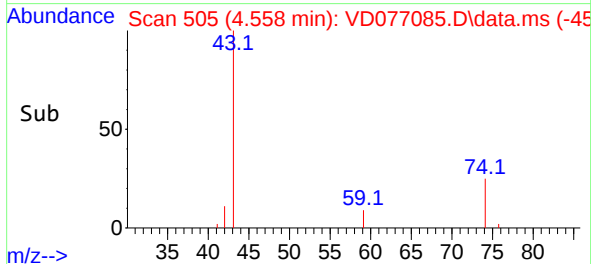
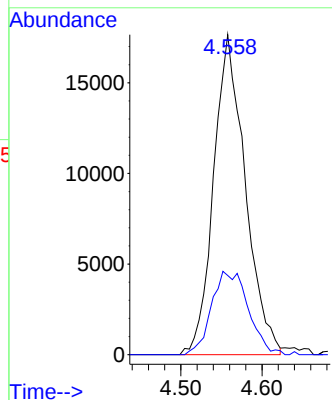
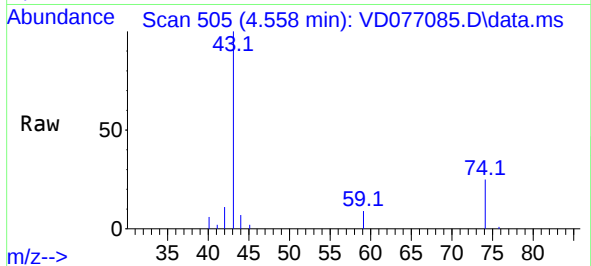




#15
Methyl Acetate
Concen: 25.241 ug/L
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

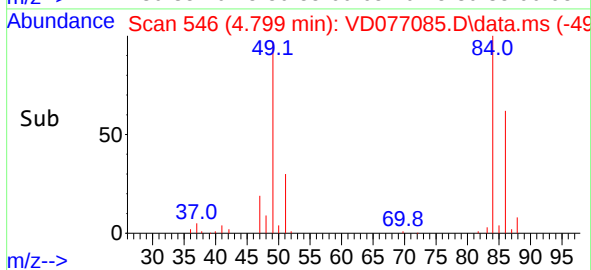
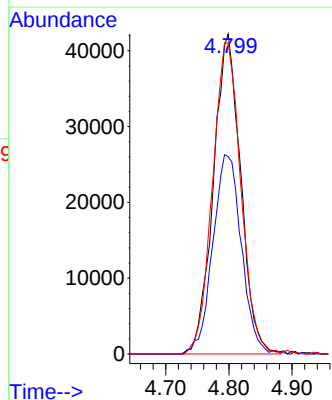
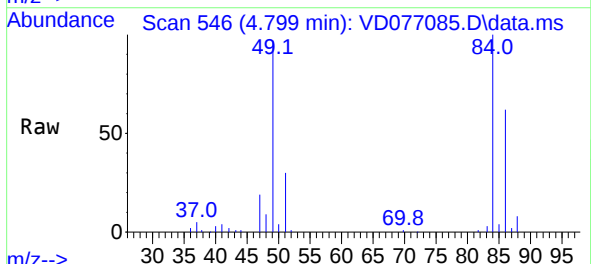
Instrument :
MSVOA_D
ClientSampleId :

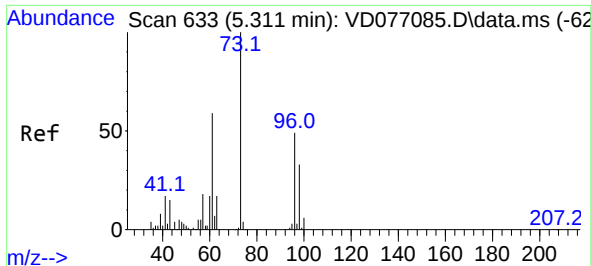
Tgt Ion: 43 Resp: 47842
Ion Ratio Lower Upper
43 100
74 17.9 0.2 0.2#



#16
Methylene chloride
Concen: 19.550 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

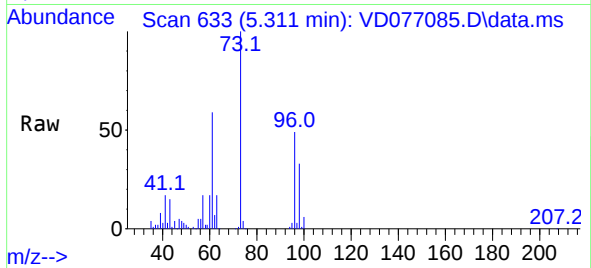
Tgt Ion: 84 Resp: 126615
Ion Ratio Lower Upper
84 100
86 61.7 45.3 84.1
49 97.2 69.2 128.6





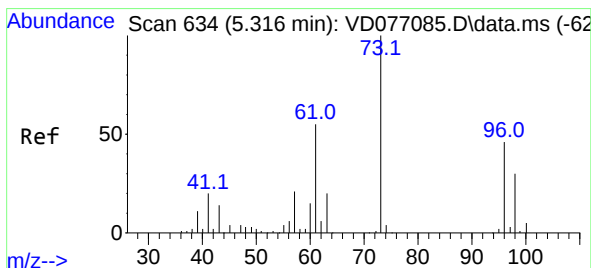
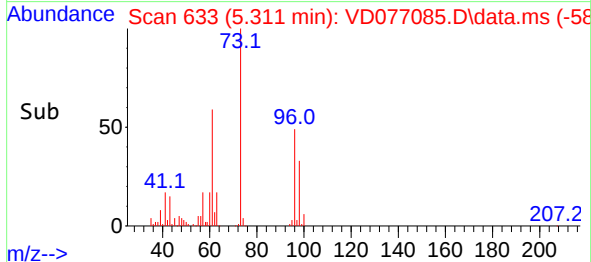
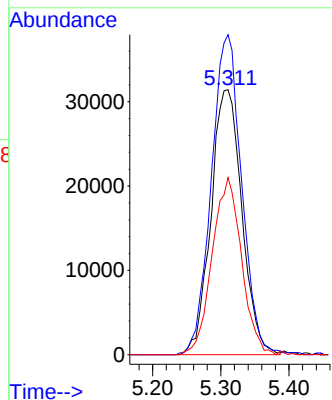
#17
trans-1,2-Dichloroethene
Concen: 21.327 ug/L
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 99228

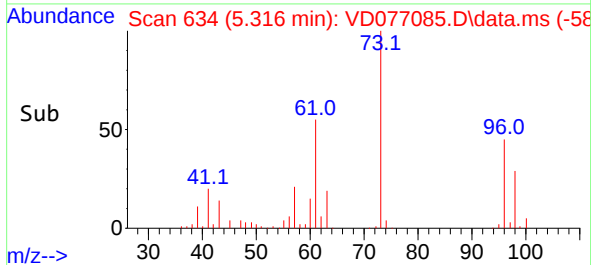
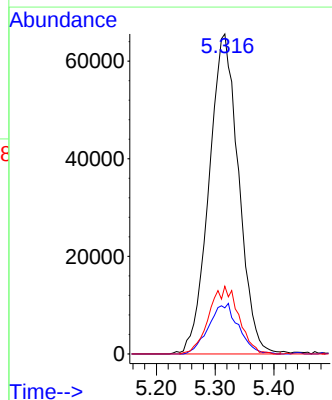
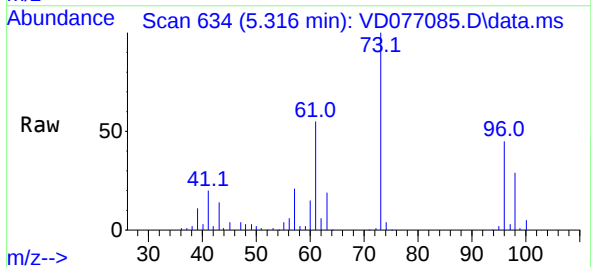
Ion	Ratio	Lower	Upper
96	100		
61	120.8	85.1	158.1
98	66.9	43.7	81.1

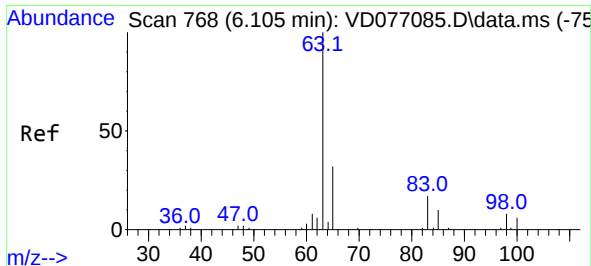


#18
Methyl tert-butyl Ether
Concen: 22.810 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Tgt Ion: 73 Resp: 229195

Ion	Ratio	Lower	Upper
73	100		
43	9.1	12.5	18.7#
57	10.1	16.8	25.2#

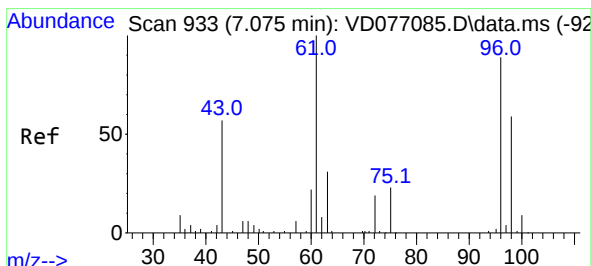
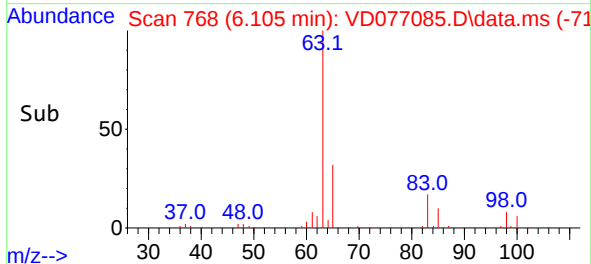
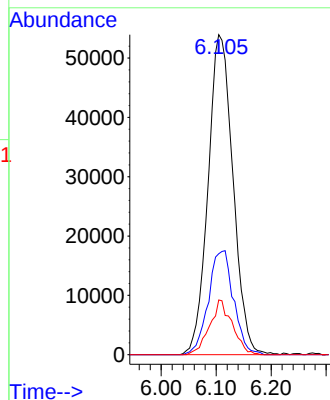
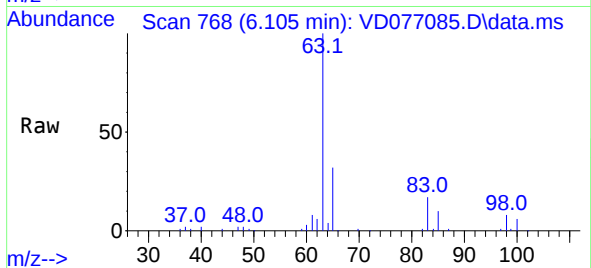




#19
1,1-Dichloroethane
Concen: 21.666 ug/L
RT: 6.105 min Scan# 768
Delta R.T. -0.006 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

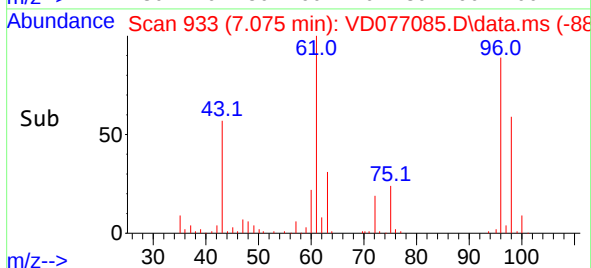
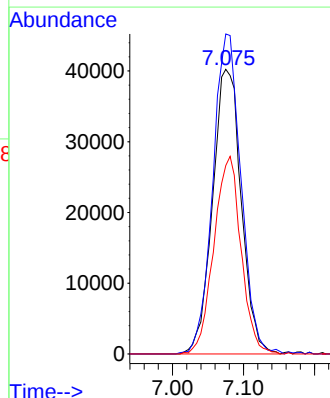
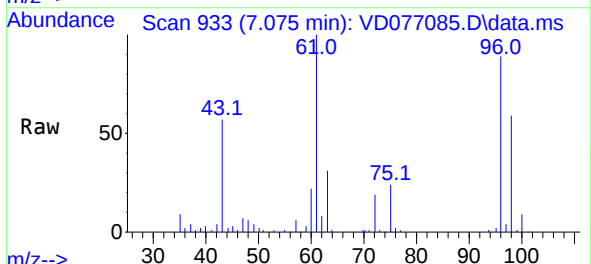
Instrument :
MSVOA_D
ClientSampleId :

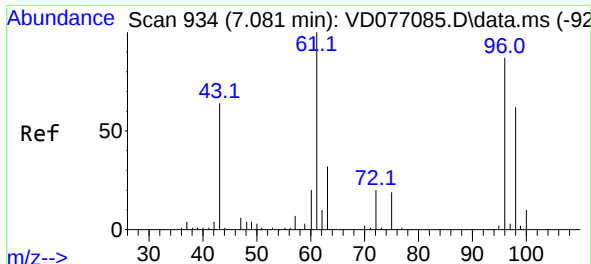
Tgt Ion: 63 Resp: 169969
Ion Ratio Lower Upper
63 100
65 31.6 22.5 41.9
83 17.1 9.9 18.5



#20
cis-1,2-Dichloroethene
Concen: 21.188 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Tgt Ion: 96 Resp: 112863
Ion Ratio Lower Upper
96 100
61 112.4 75.5 140.1
98 66.2 45.8 85.0

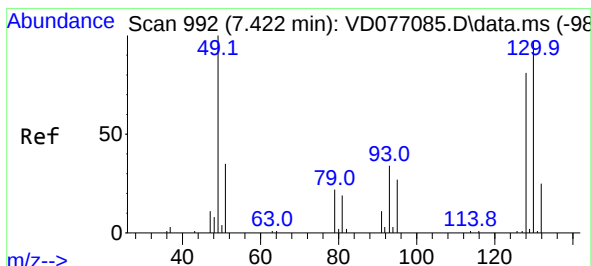
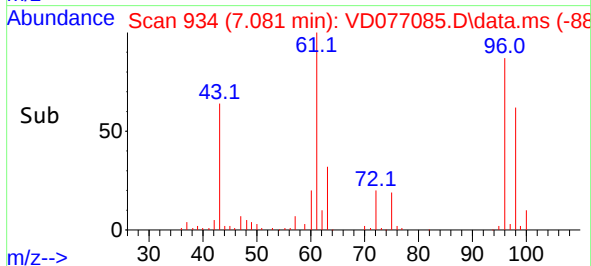
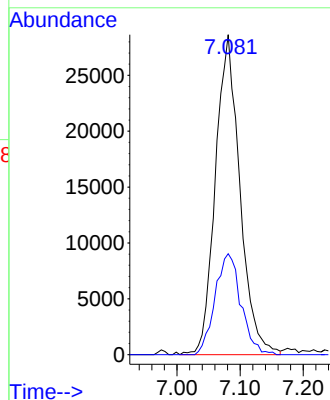
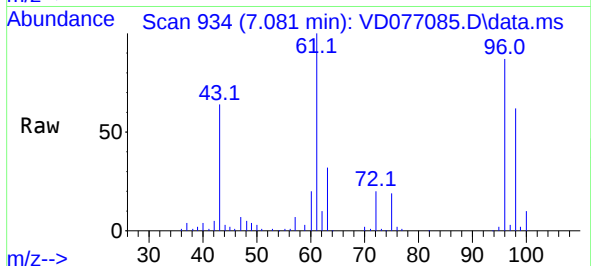




#22
2-Butanone
Concen: 45.129 ug/L
RT: 7.081 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

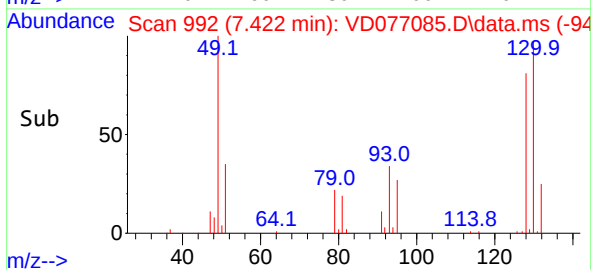
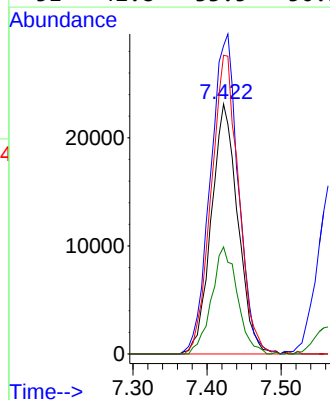
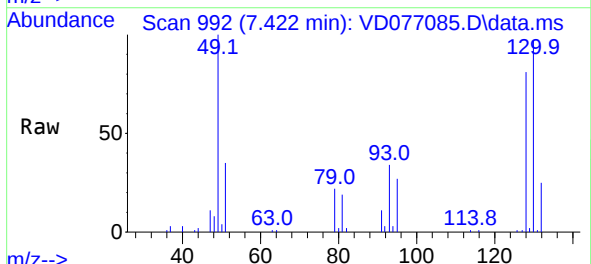
Instrument :
MSVOA_D
ClientSampleId :

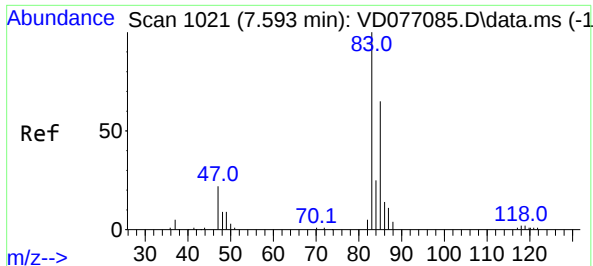
Tgt Ion: 43 Resp: 77150
Ion Ratio Lower Upper
43 100
72 33.0 16.0 48.0



#23
Bromochloromethane
Concen: 22.647 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Tgt Ion:128 Resp: 57572
Ion Ratio Lower Upper
128 100
49 123.3 86.5 160.6
130 119.5 91.2 169.4
51 42.8 33.5 50.3

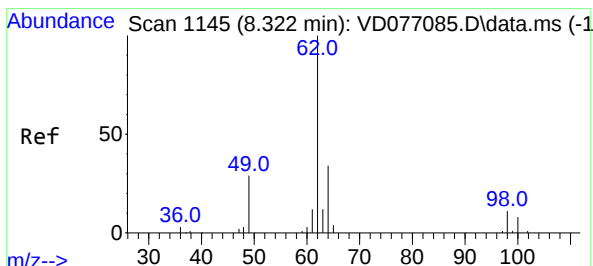
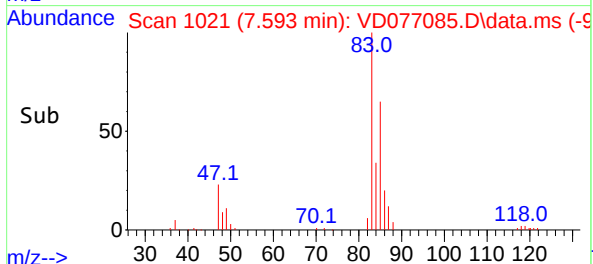
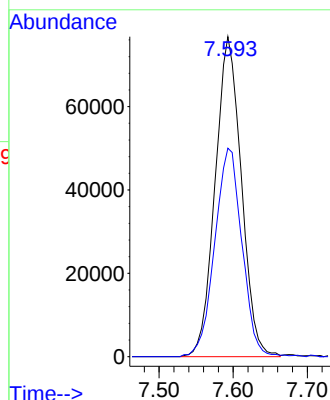
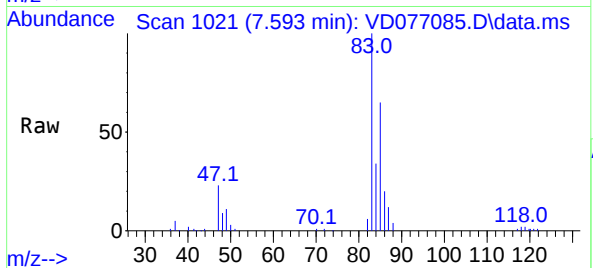




#25
Chloroform
Concen: 21.511 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

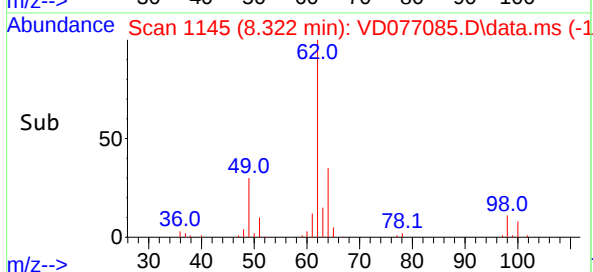
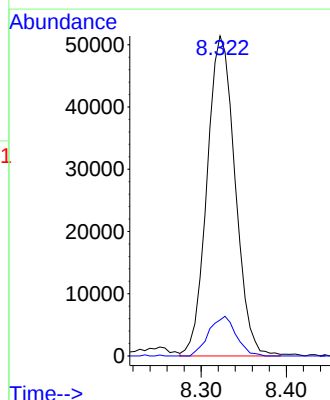
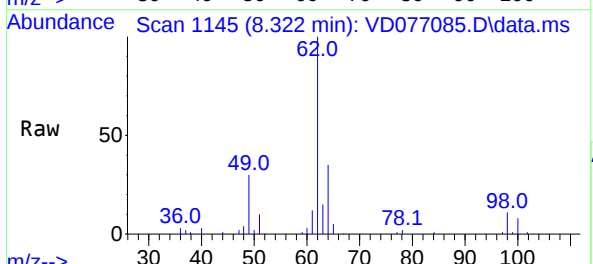
Instrument :
MSVOA_D
ClientSampleId :

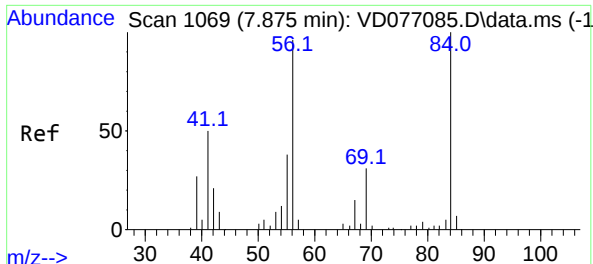
Tgt Ion: 83 Resp: 188429
Ion Ratio Lower Upper
83 100
85 65.1 46.2 85.8



#27
1,2-Dichloroethane
Concen: 22.416 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

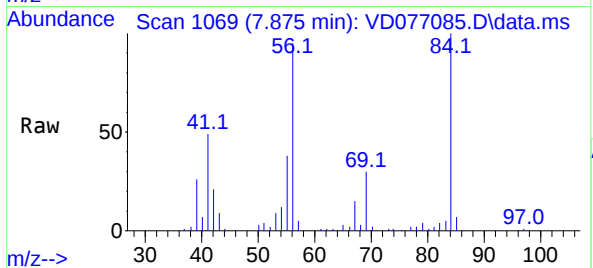
Tgt Ion: 62 Resp: 117601
Ion Ratio Lower Upper
62 100
98 11.3 9.0 13.4



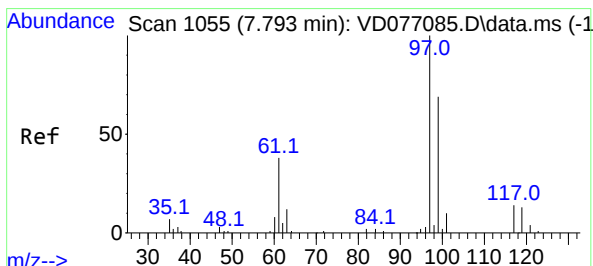
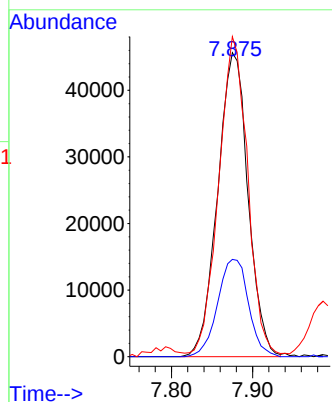
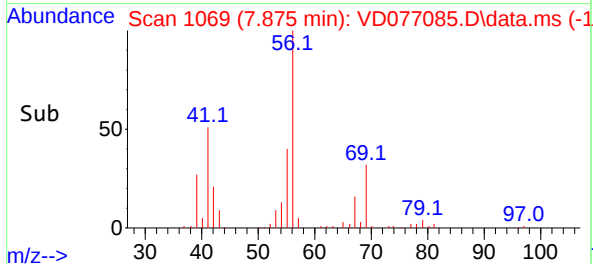


#29
Cyclohexane
Concen: 19.945 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Instrument :
MSVOA_D
ClientSampleId :

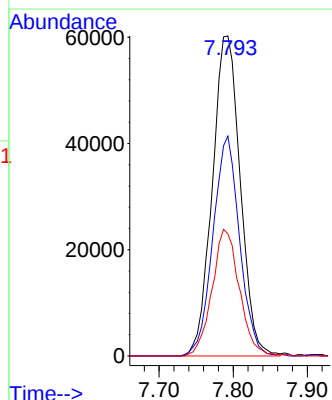
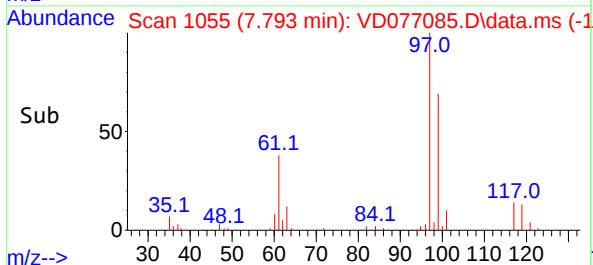
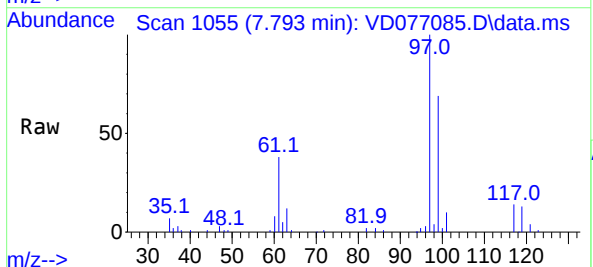


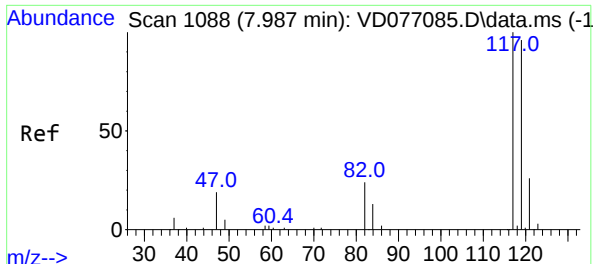
Tgt Ion: 56 Resp: 118734
Ion Ratio Lower Upper
56 100
69 32.5 25.5 38.3
84 101.0 82.6 124.0



#30
1,1,1-Trichloroethane
Concen: 21.304 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Tgt Ion: 97 Resp: 157653
Ion Ratio Lower Upper
97 100
99 65.5 50.7 76.1
61 38.6 32.6 48.8

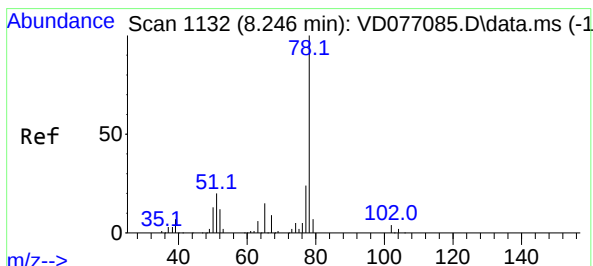
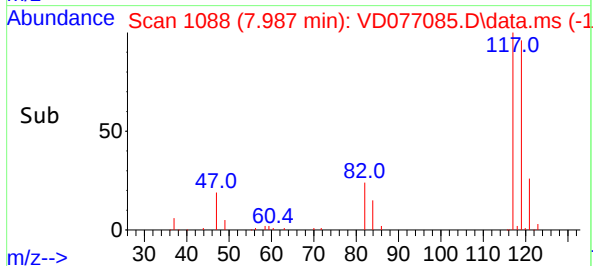
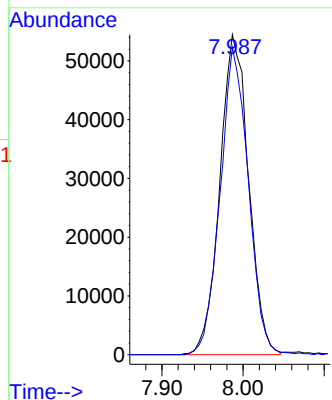
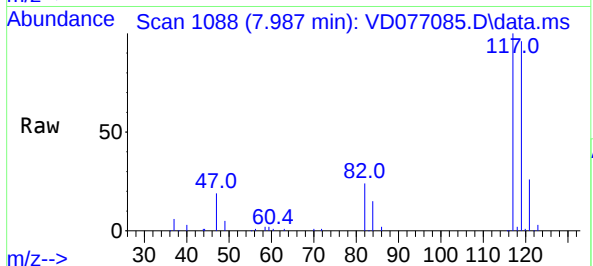




#31
Carbon tetrachloride
Concen: 21.408 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

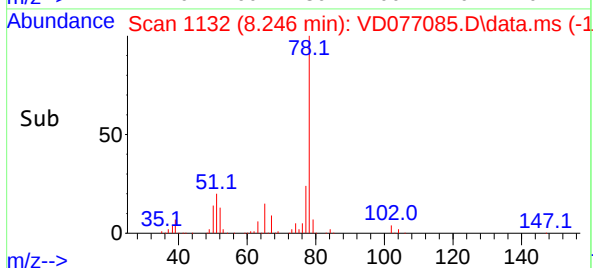
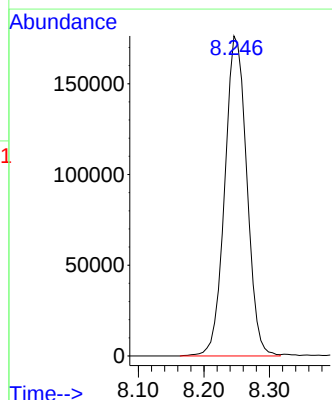
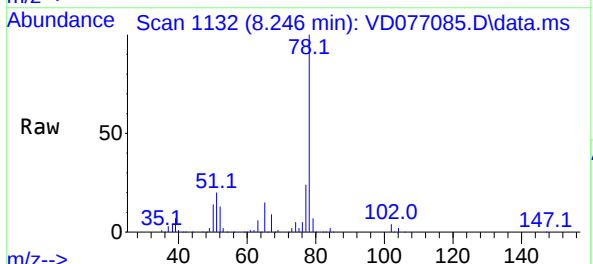
Instrument :
MSVOA_D
ClientSampleId :

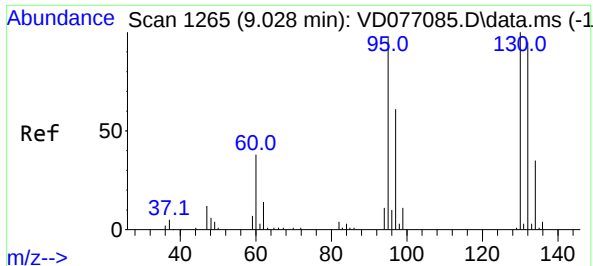
Tgt Ion:117 Resp: 134017
Ion Ratio Lower Upper
117 100
119 93.9 76.2 114.4



#33
Benzene
Concen: 21.634 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

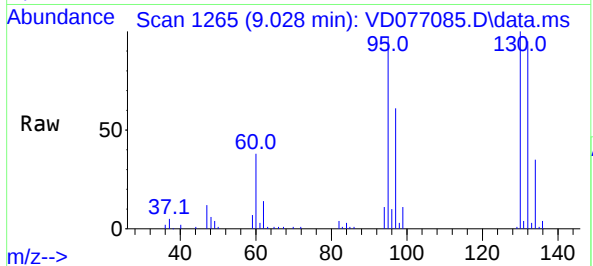
Tgt Ion: 78 Resp: 411411





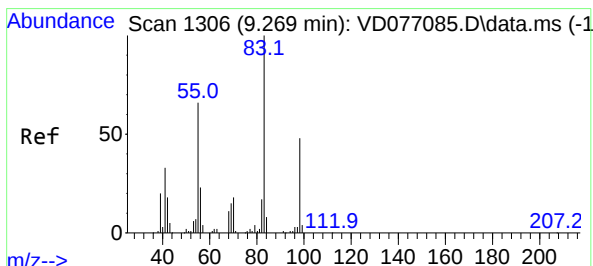
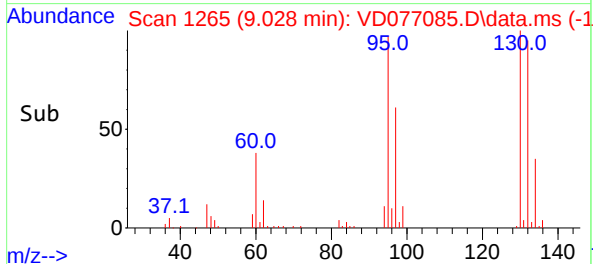
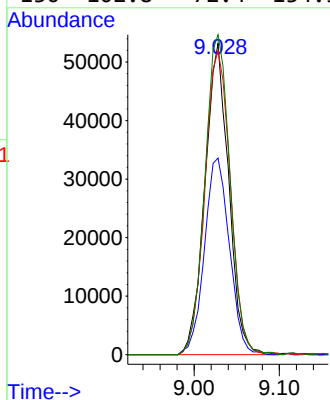
#34
Trichloroethene
Concen: 20.502 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 103382

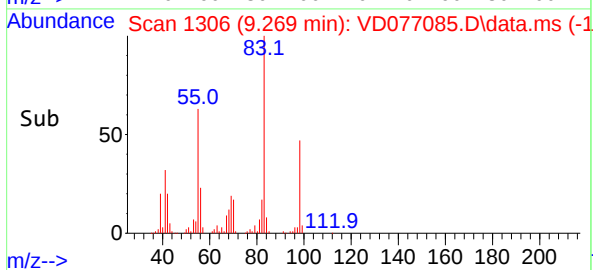
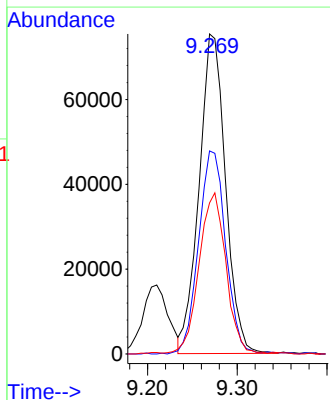
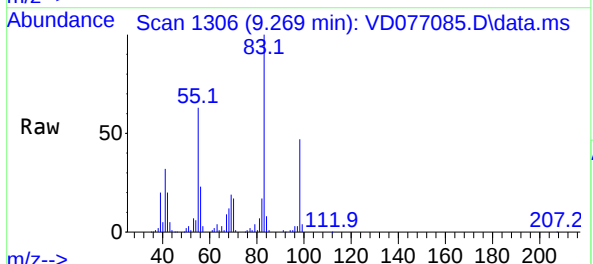
Ion	Ratio	Lower	Upper
95	100		
97	63.2	46.4	86.2
132	97.7	70.1	130.1
130	102.8	72.4	134.5

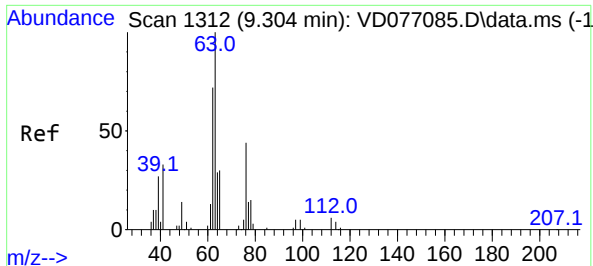


#35
Methylcyclohexane
Concen: 19.821 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Tgt Ion: 83 Resp: 154134

Ion	Ratio	Lower	Upper
83	100		
55	65.0	51.5	77.3
98	51.5	40.7	61.1

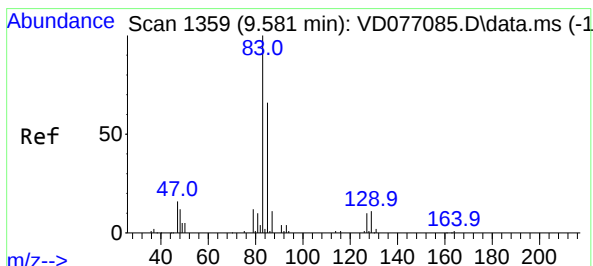
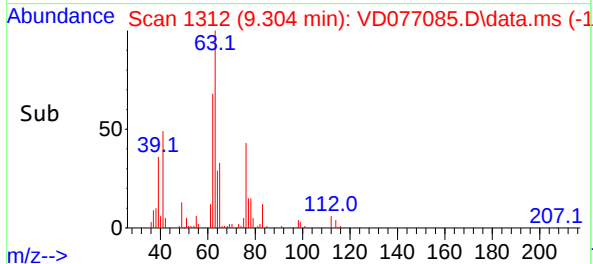
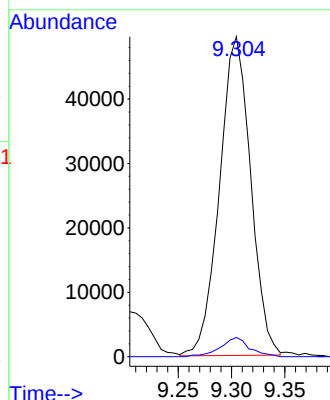
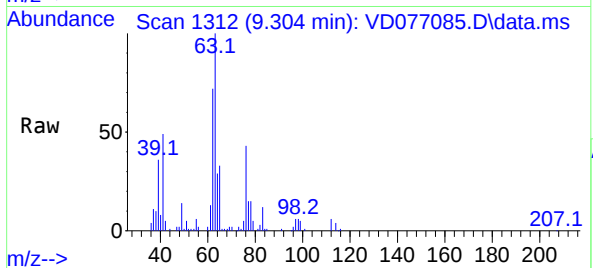




#37
1,2-Dichloropropane
Concen: 21.003 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

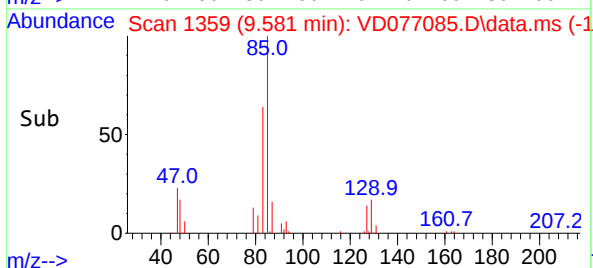
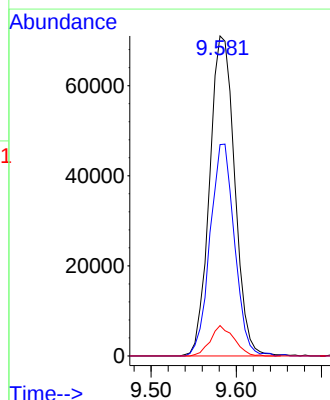
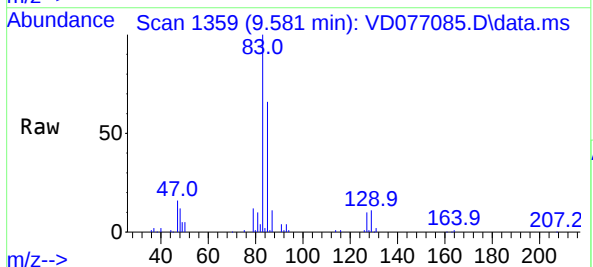
Instrument :
MSVOA_D
ClientSampleId :

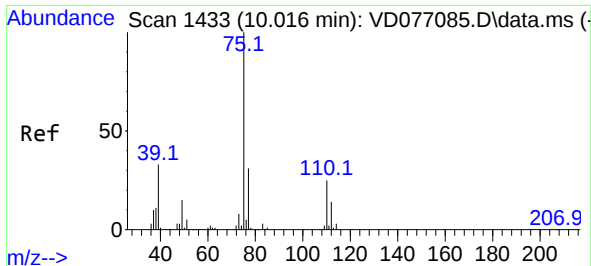
Tgt Ion: 63 Resp: 100740
Ion Ratio Lower Upper
63 100
112 5.6 4.0 6.0



#38
Bromodichloromethane
Concen: 22.002 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Tgt Ion: 83 Resp: 145593
Ion Ratio Lower Upper
83 100
85 66.1 44.0 81.6
127 9.5 7.5 11.3

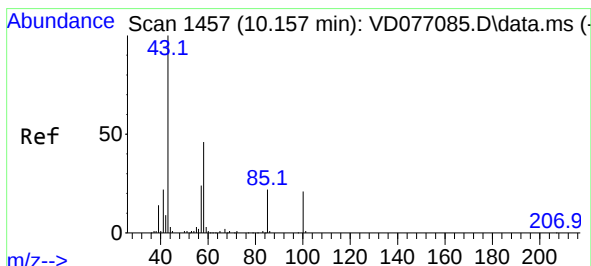
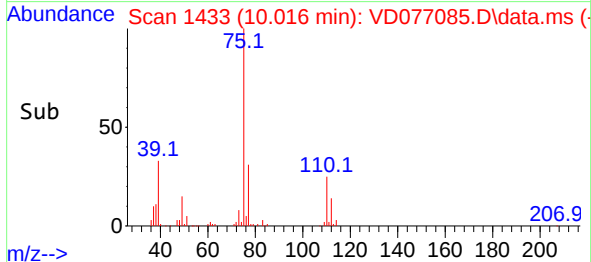
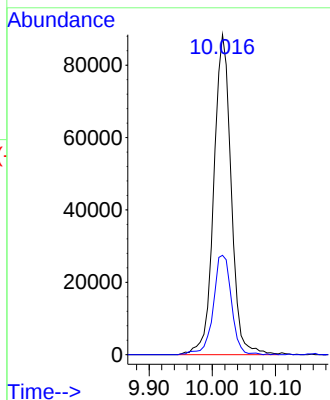
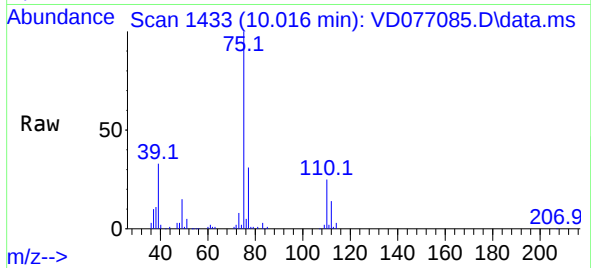




#39
cis-1,3-Dichloropropene
Concen: 22.202 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

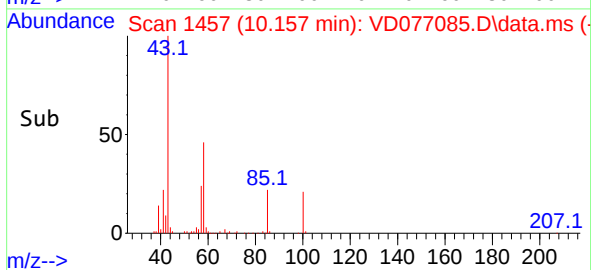
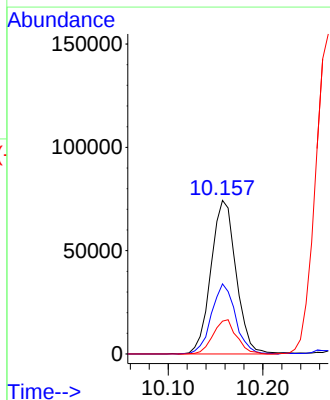
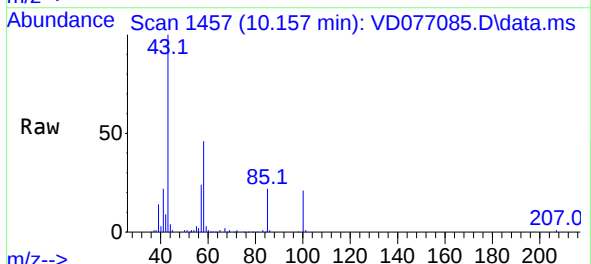
Instrument :
MSVOA_D
ClientSampleId :

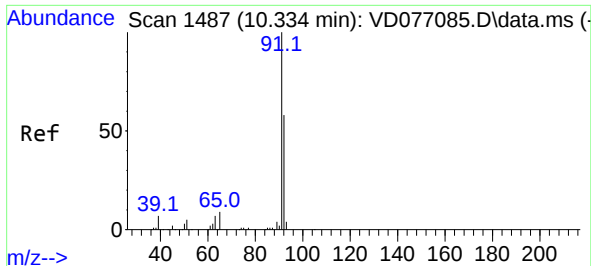
Tgt Ion: 75 Resp: 169313
Ion Ratio Lower Upper
75 100
77 31.0 23.2 43.2



#40
4-Methyl-2-pentanone
Concen: 51.964 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Tgt Ion: 43 Resp: 136986
Ion Ratio Lower Upper
43 100
58 43.7 34.6 51.8
100 20.9 16.2 24.4

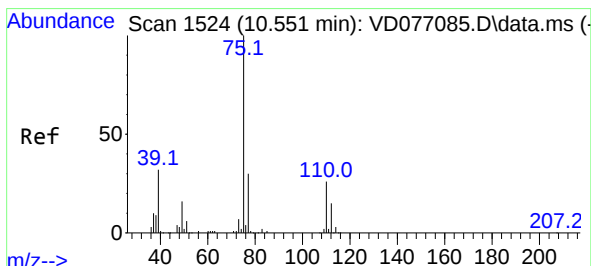
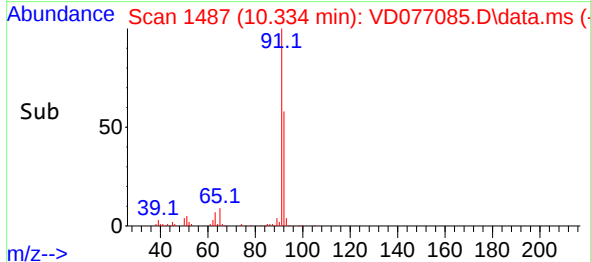
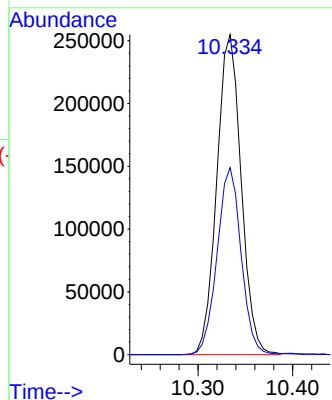
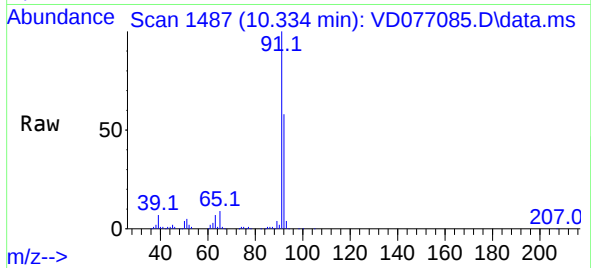




#42
Toluene
Concen: 22.141 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

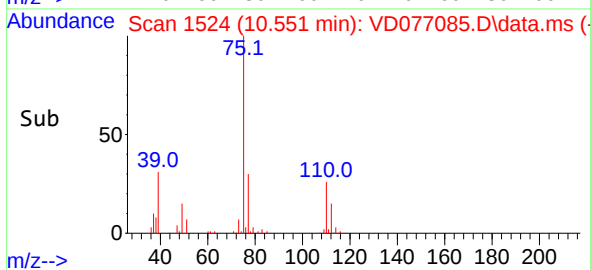
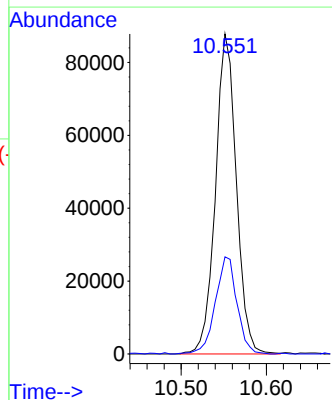
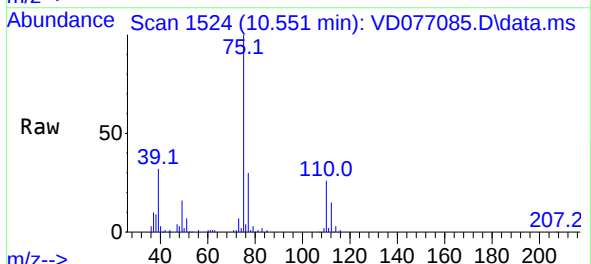
Instrument :
MSVOA_D
ClientSampleId :

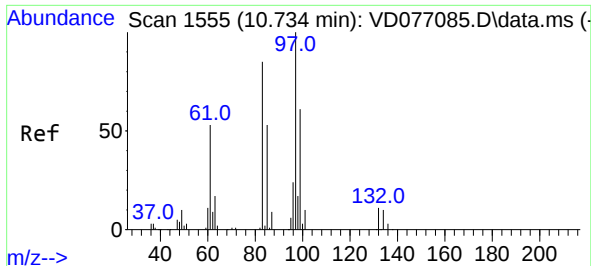
Tgt Ion: 91 Resp: 456055
Ion Ratio Lower Upper
91 100
92 58.5 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 22.928 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Tgt Ion: 75 Resp: 149482
Ion Ratio Lower Upper
75 100
77 30.3 22.5 41.9

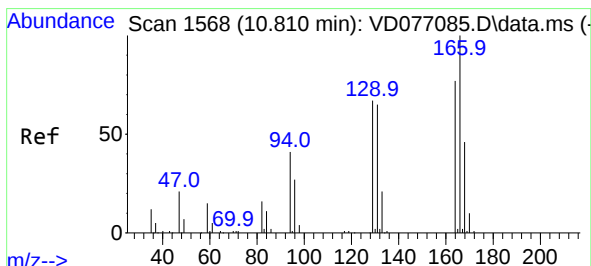
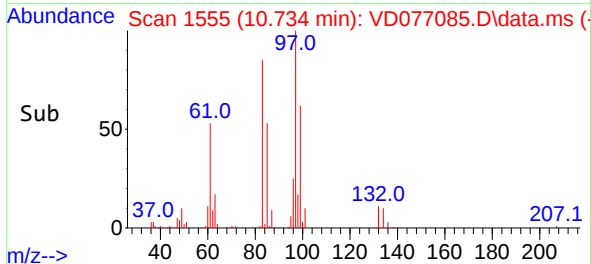
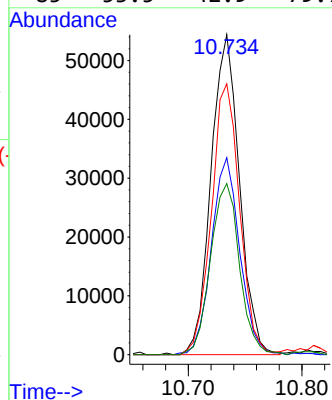
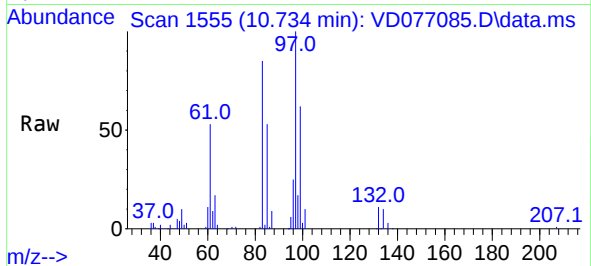




#45
1,1,2-Trichloroethane
Concen: 23.298 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

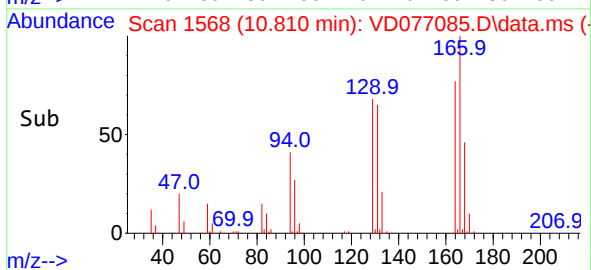
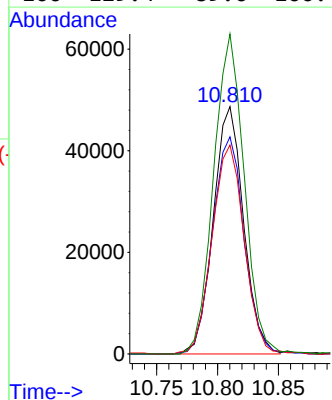
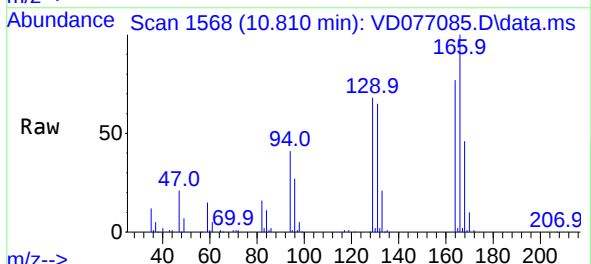
Instrument :
MSVOA_D
ClientSampleId :

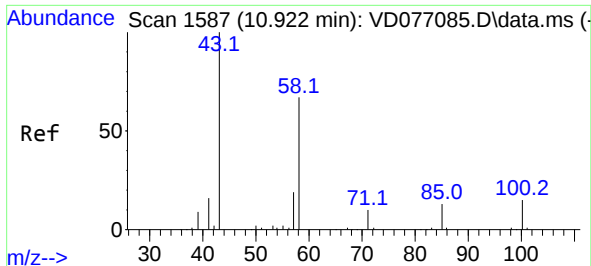
Tgt Ion:	97	Resp:	94563
Ion	Ratio	Lower	Upper
97	100		
99	61.6	46.1	85.5
83	84.7	64.3	119.3
85	53.5	42.9	79.7



#46
Tetrachloroethene
Concen: 20.458 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Tgt Ion:	164	Resp:	84333
Ion	Ratio	Lower	Upper
164	100		
129	87.8	66.4	123.4
131	84.5	62.6	116.3
166	129.4	89.6	166.4

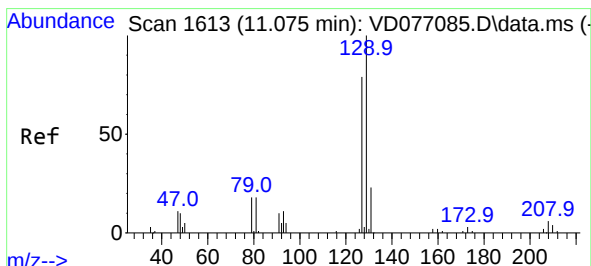
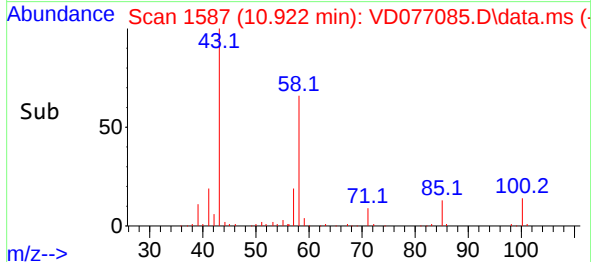
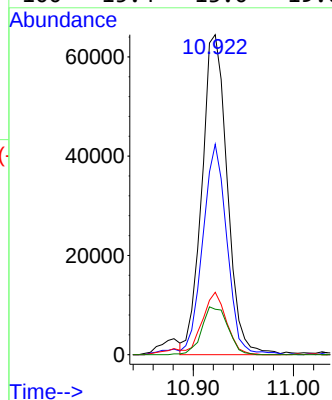
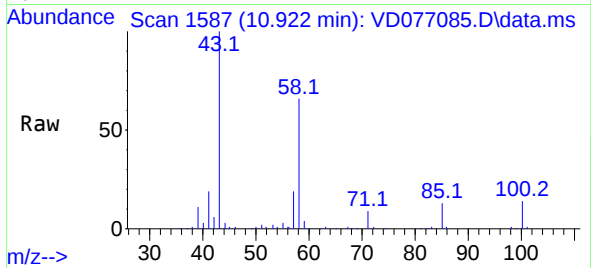




#48
2-Hexanone
Concen: 55.995 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

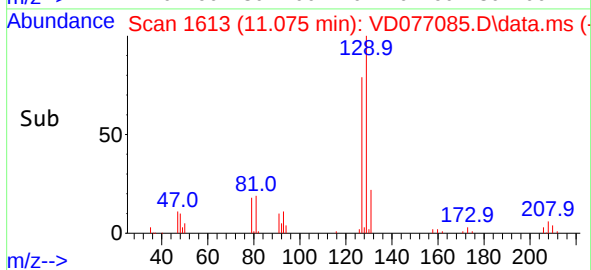
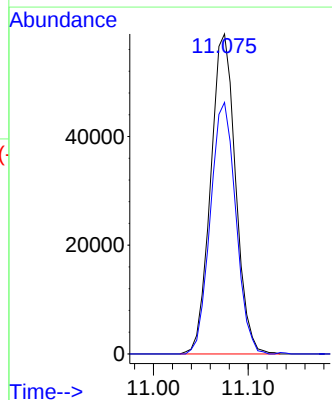
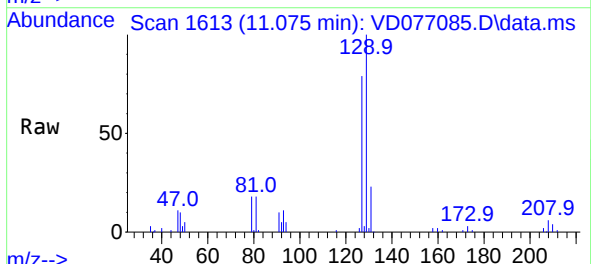
Instrument :
MSVOA_D
ClientSampleId :

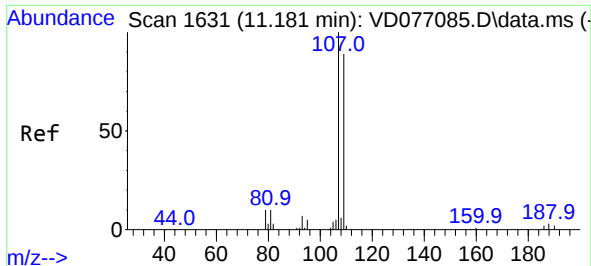
Tgt Ion: 43 Resp: 113832
Ion Ratio Lower Upper
43 100
58 62.5 50.6 75.8
57 18.2 16.6 24.8
100 15.4 13.0 19.6



#49
Dibromochloromethane
Concen: 22.716 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Tgt Ion:129 Resp: 107688
Ion Ratio Lower Upper
129 100
127 78.6 56.6 105.2





#50

1,2-Dibromoethane

Concen: 23.558 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077085.D

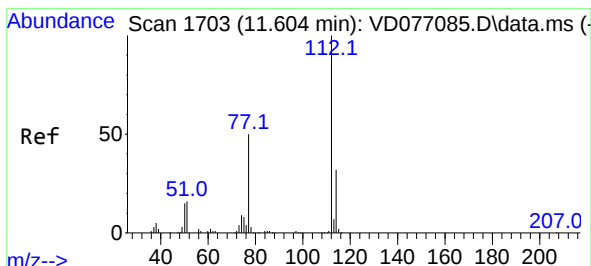
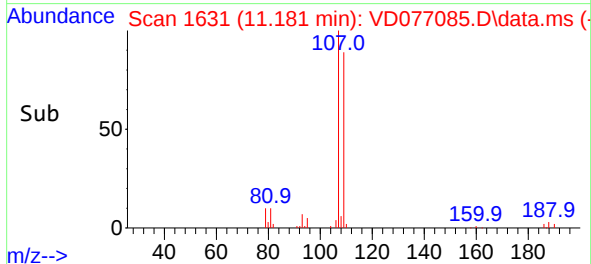
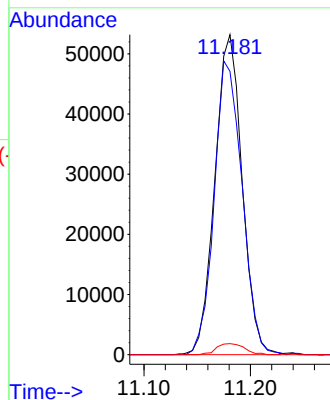
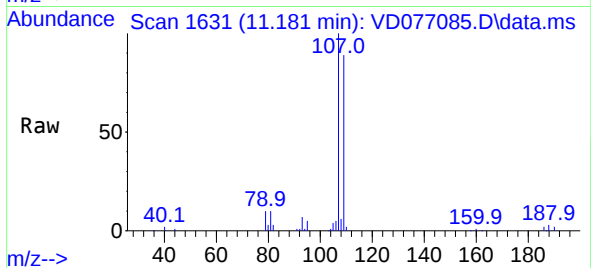
Acq: 12 Sep 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	94462
Ion	Ratio	Lower	Upper
107	100		
109	88.6	62.4	116.0
188	3.5	3.0	4.4



#51

Chlorobenzene

Concen: 21.256 ug/L

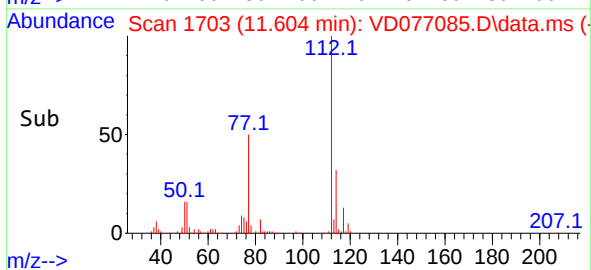
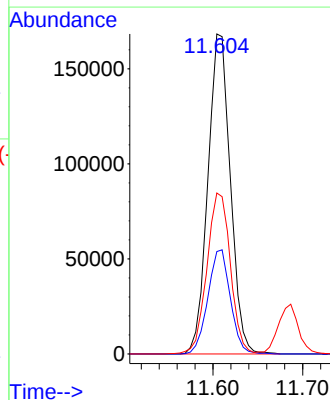
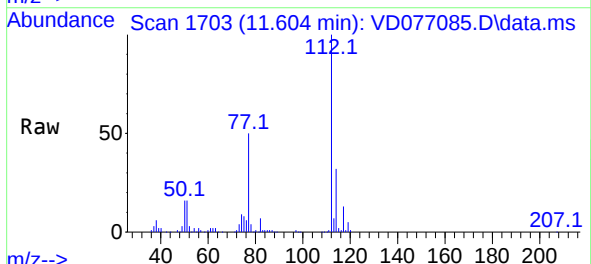
RT: 11.604 min Scan# 1703

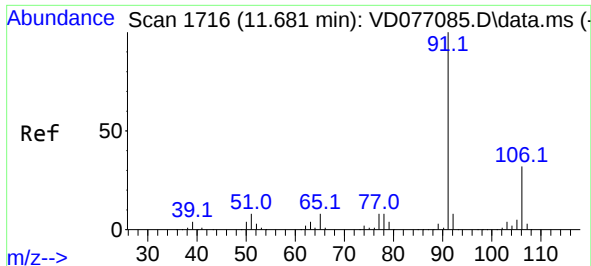
Delta R.T. -0.000 min

Lab File: VD077085.D

Acq: 12 Sep 2023 11:26

Tgt Ion:	112	Resp:	292753
Ion	Ratio	Lower	Upper
112	100		
114	32.0	21.0	39.0
77	50.3	41.0	61.4

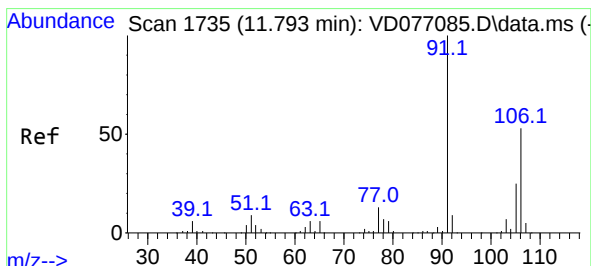
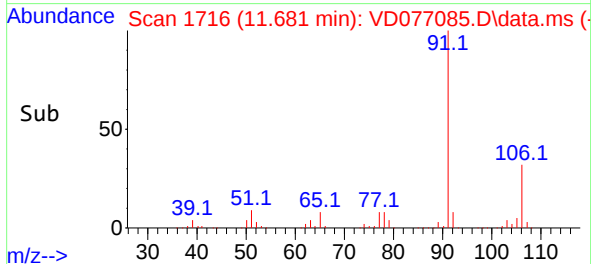
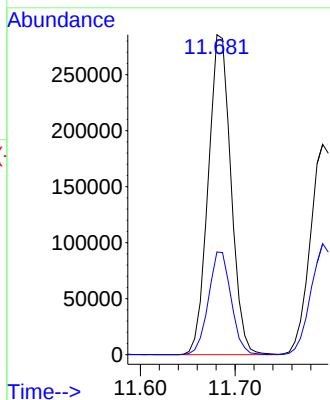
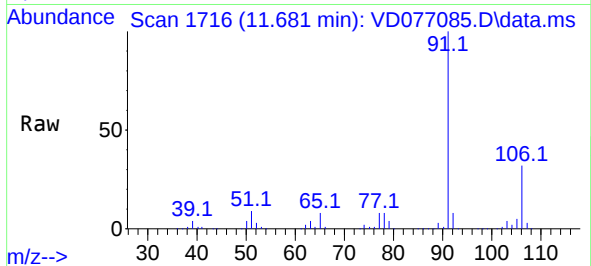




#52
Ethylbenzene
Concen: 21.395 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

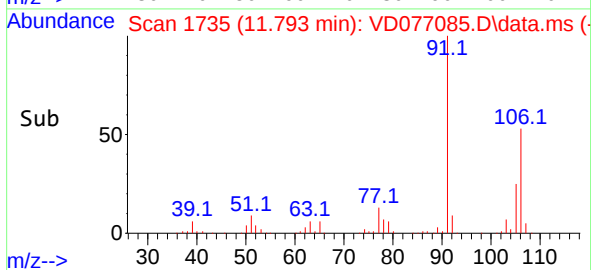
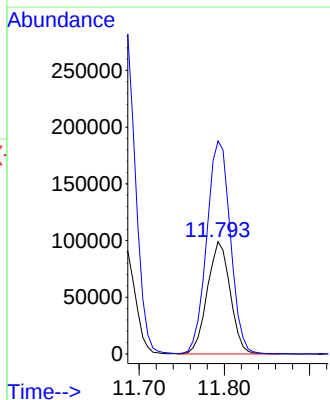
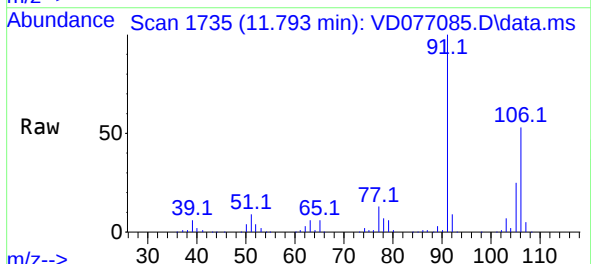
Instrument :
MSVOA_D
ClientSampleId :

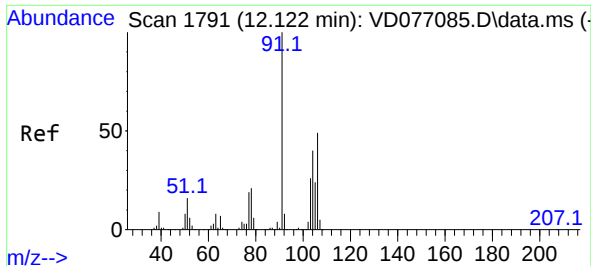
Tgt Ion: 91 Resp: 476916
Ion Ratio Lower Upper
91 100
106 32.1 22.1 41.1



#53
m,p-Xylene
Concen: 21.456 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Tgt Ion:106 Resp: 184684
Ion Ratio Lower Upper
106 100
91 189.5 138.2 256.6

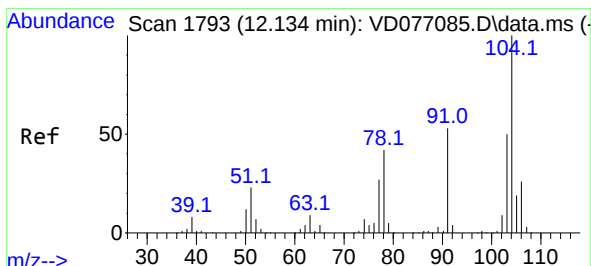
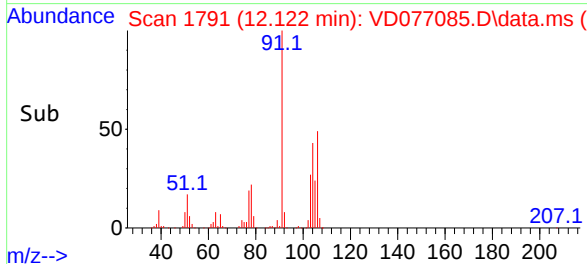
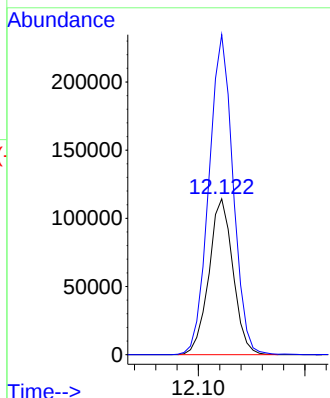
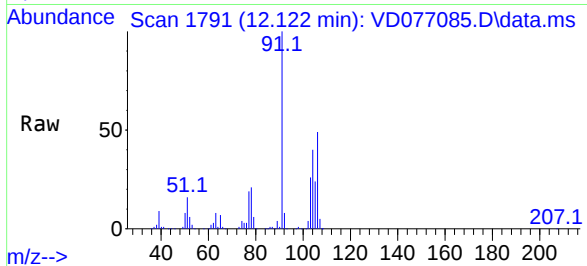




#54
o-Xylene
Concen: 21.589 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

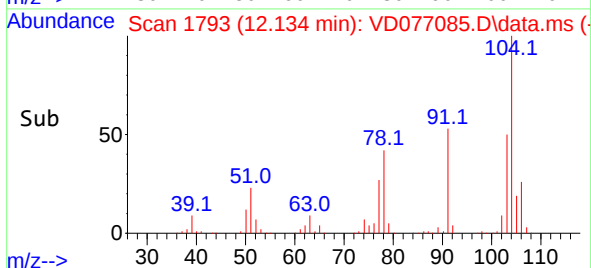
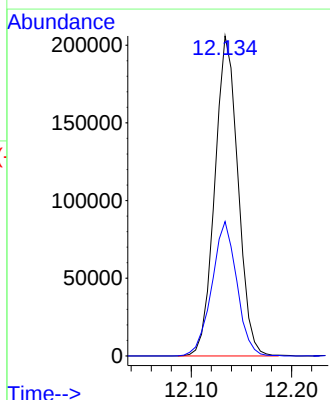
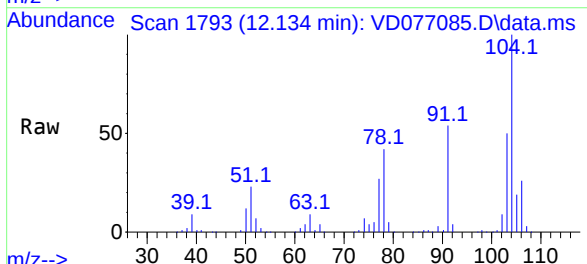
Instrument :
MSVOA_D
ClientSampleId :

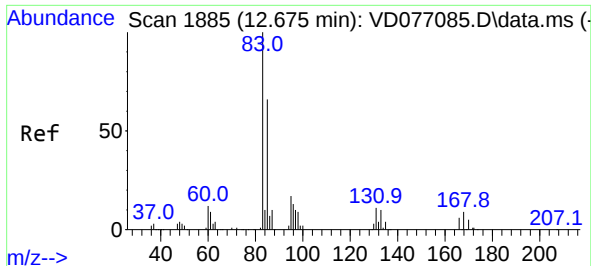
Tgt Ion:106 Resp: 179372
Ion Ratio Lower Upper
106 100
91 205.3 146.9 272.7



#55
Styrene
Concen: 22.281 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Tgt Ion:104 Resp: 330830
Ion Ratio Lower Upper
104 100
78 42.0 27.8 51.6

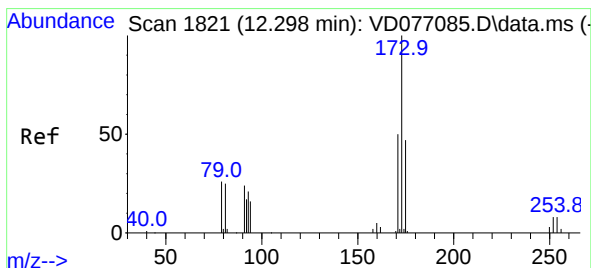
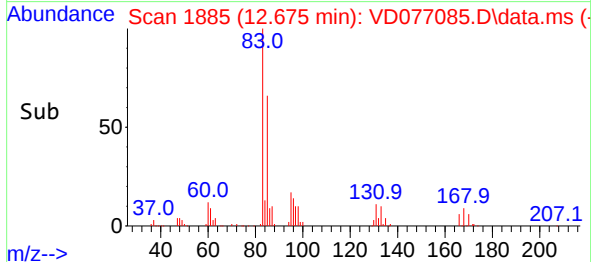
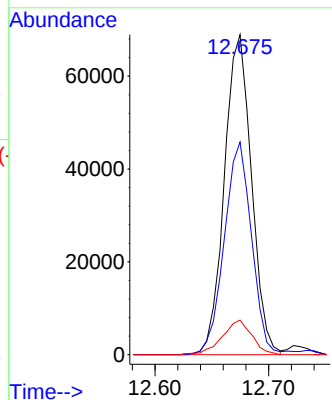
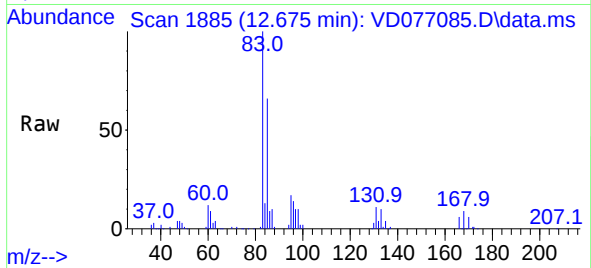




#57
1,1,2-Tetrachloroethane
Concen: 24.003 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

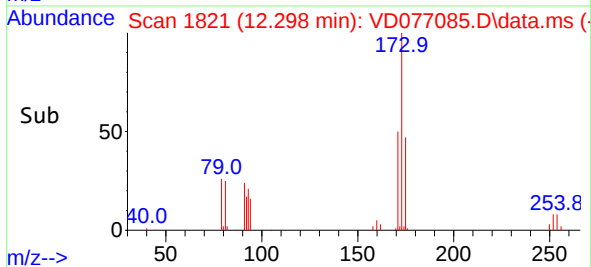
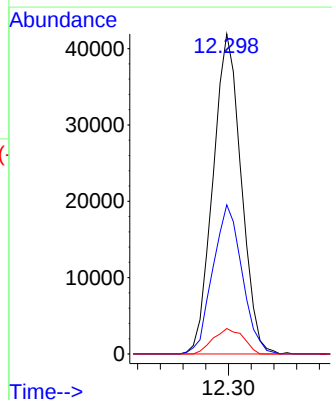
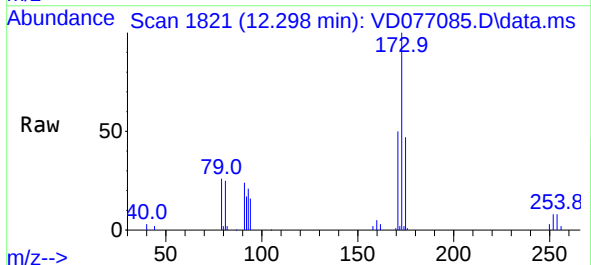
Instrument :
MSVOA_D
ClientSampleId :

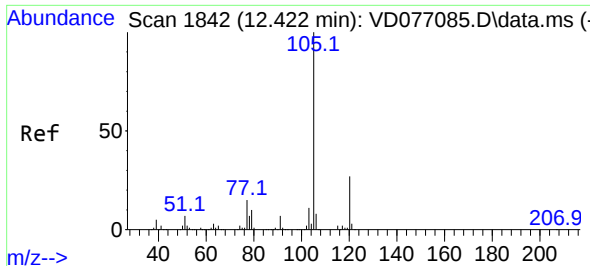
Tgt Ion: 83 Resp: 114585
Ion Ratio Lower Upper
83 100
85 66.4 43.6 81.0
131 10.8 7.8 11.8



#59
Bromoform
Concen: 22.815 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

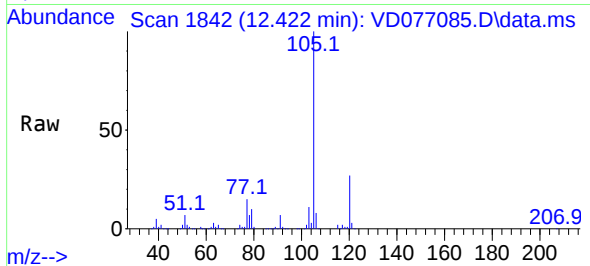
Tgt Ion: 173 Resp: 72259
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 8.4 7.0 10.6



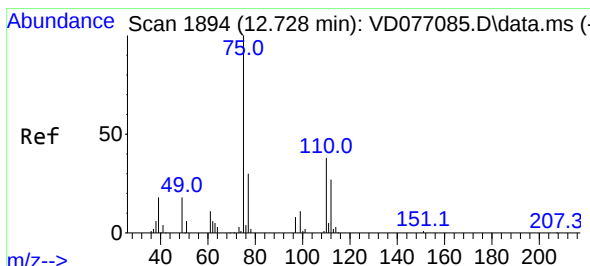
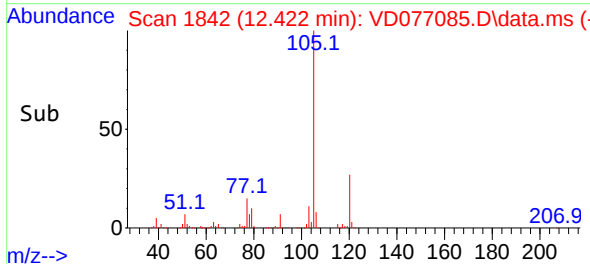
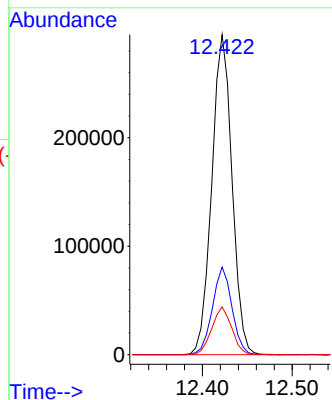


#60
Isopropylbenzene
Concen: 20.402 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Instrument :
MSVOA_D
ClientSampleId :

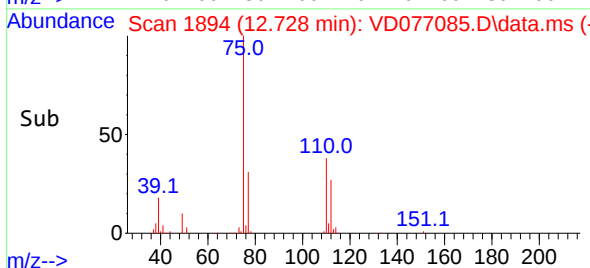
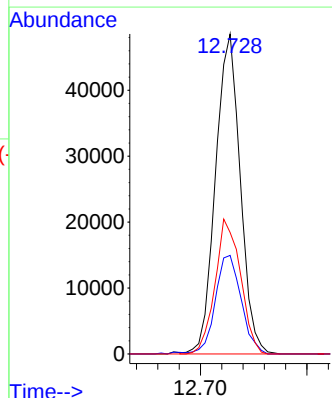
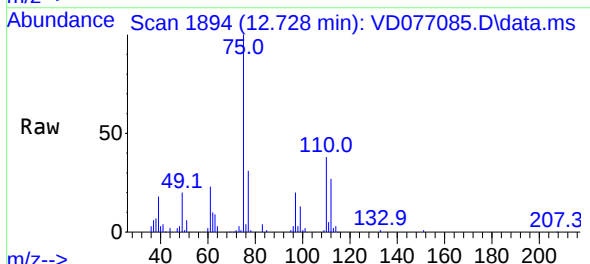


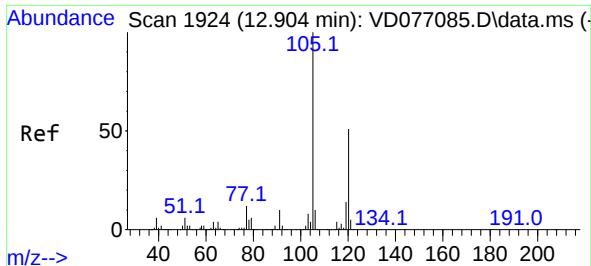
Tgt Ion:105 Resp: 461756
Ion Ratio Lower Upper
105 100
120 26.5 21.8 32.6
77 14.7 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 23.306 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Tgt Ion: 75 Resp: 78119
Ion Ratio Lower Upper
75 100
77 32.2 26.6 40.0
110 43.4 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 20.568 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD077085.D

Acq: 12 Sep 2023 11:26

Instrument :

MSVOA_D

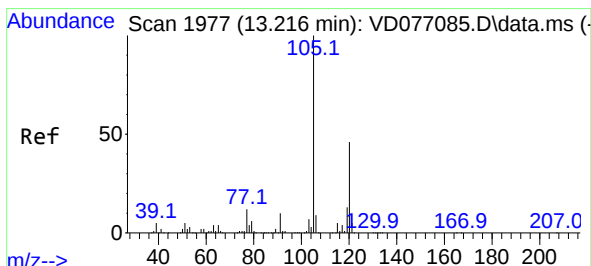
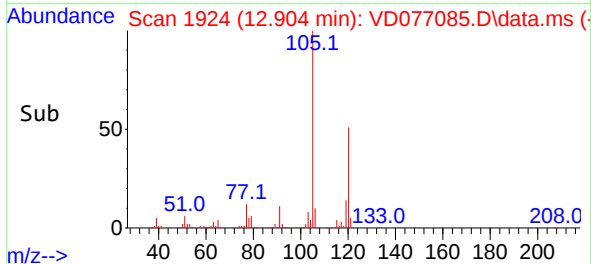
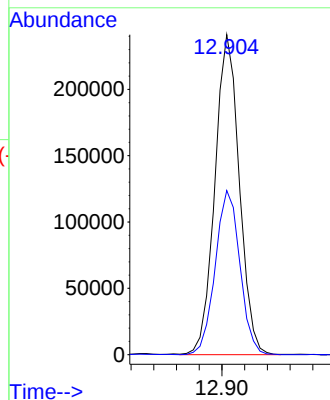
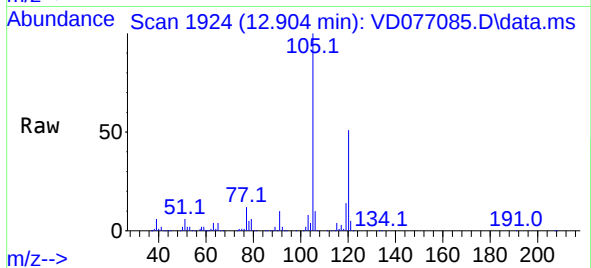
ClientSampleId :

Tgt Ion:105 Resp: 360044

Ion Ratio Lower Upper

105 100

120 51.8 40.2 60.2



#63

1,2,4-Trimethylbenzene

Concen: 21.203 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077085.D

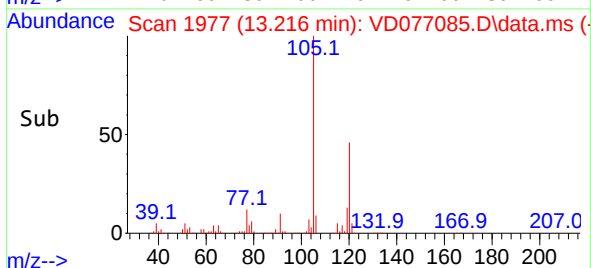
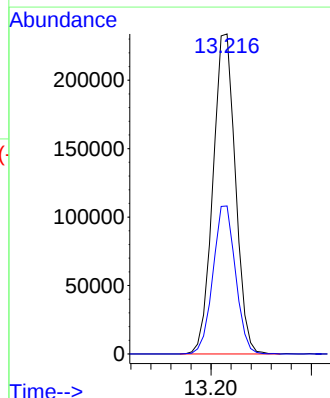
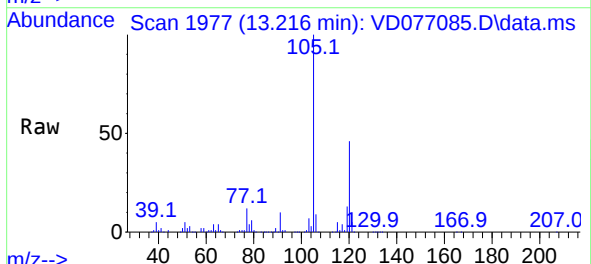
Acq: 12 Sep 2023 11:26

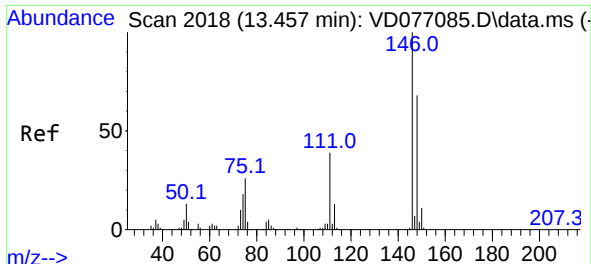
Tgt Ion:105 Resp: 363635

Ion Ratio Lower Upper

105 100

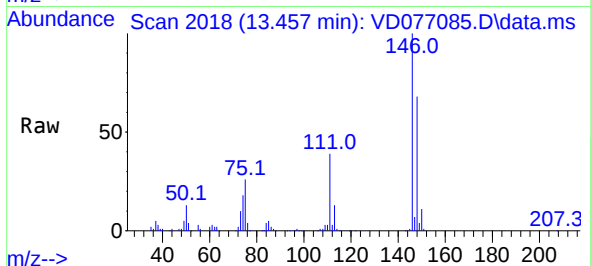
120 46.5 37.8 56.8



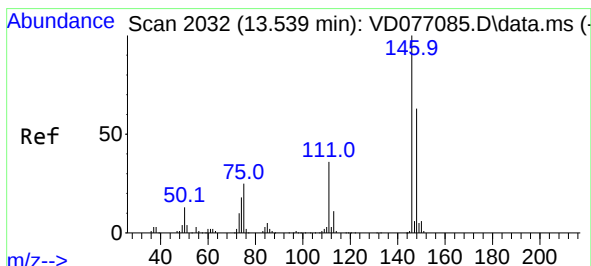
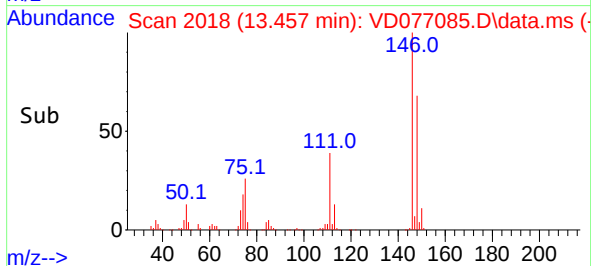
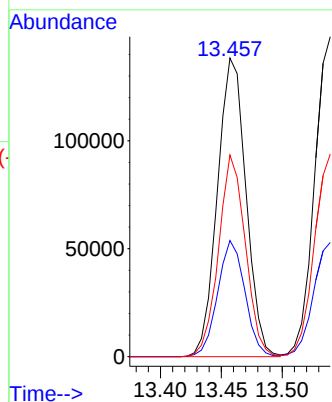


#64
1,3-Dichlorobenzene
Concen: 20.977 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Instrument :
MSVOA_D
ClientSampleId :

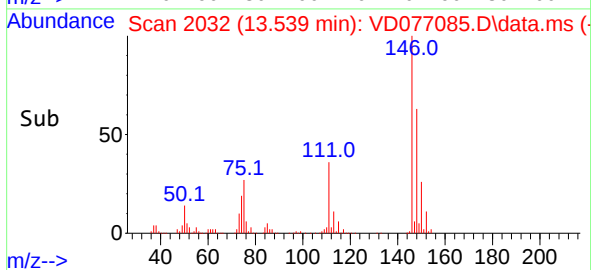
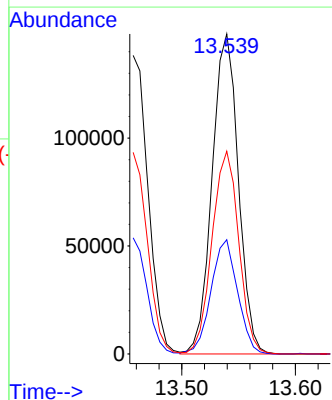
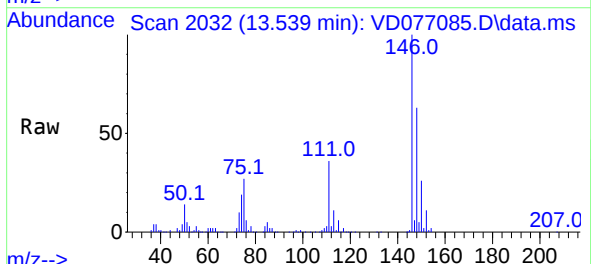


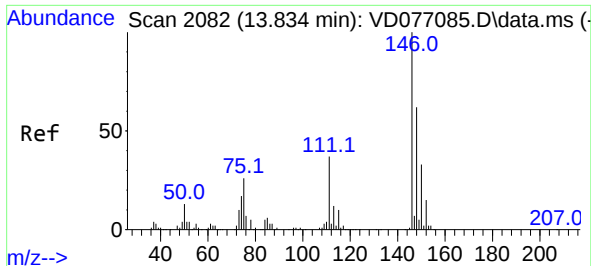
Tgt Ion:146 Resp: 226193
Ion Ratio Lower Upper
146 100
111 38.9 25.2 46.8
148 67.5 42.7 79.3



#65
1,4-Dichlorobenzene
Concen: 21.155 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Tgt Ion:146 Resp: 238309
Ion Ratio Lower Upper
146 100
111 35.7 25.5 47.3
148 63.4 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 21.519 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077085.D

Acq: 12 Sep 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

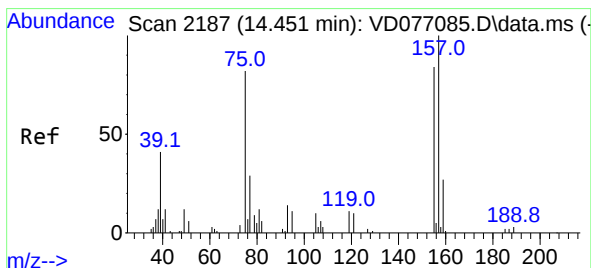
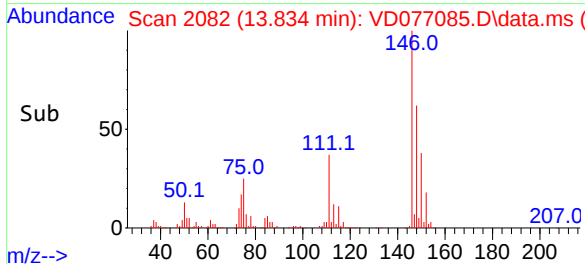
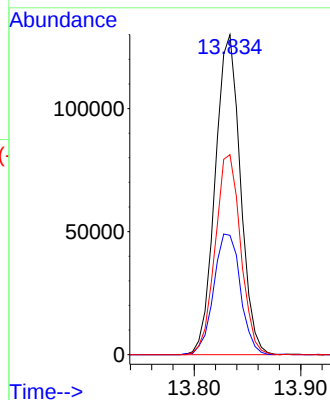
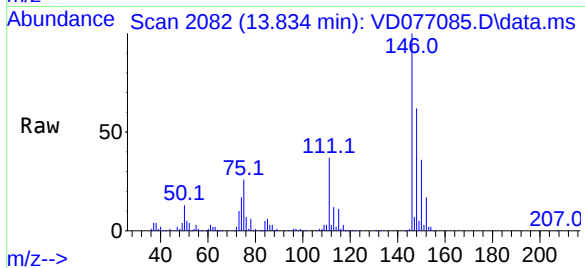
Tgt Ion:146 Resp: 213411

Ion Ratio Lower Upper

146 100

111 37.3 31.8 47.6

148 62.5 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 24.858 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD077085.D

Acq: 12 Sep 2023 11:26

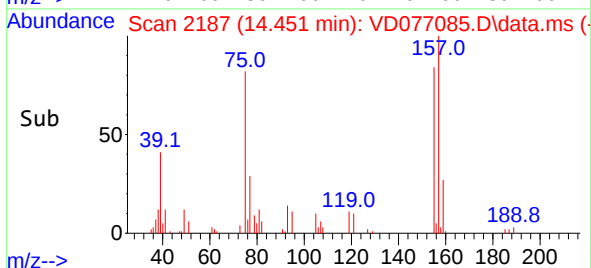
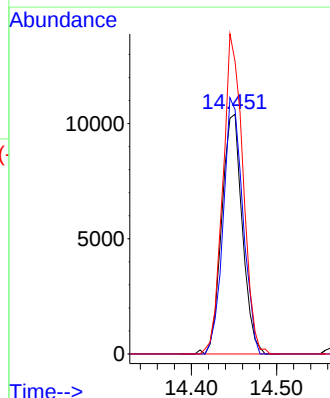
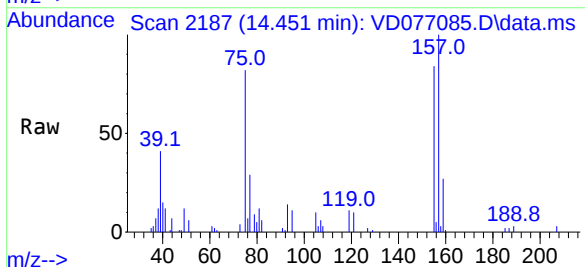
Tgt Ion: 75 Resp: 17426

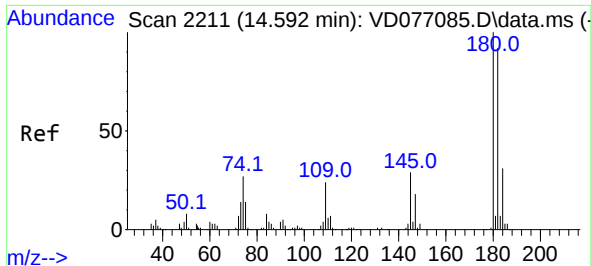
Ion Ratio Lower Upper

75 100

155 101.9 79.0 118.6

157 121.9 100.2 150.4





#69

1,3,5-Trichlorobenzene

Concen: 21.215 ug/L

RT: 14.592 min Scan# 21

Delta R.T. -0.000 min

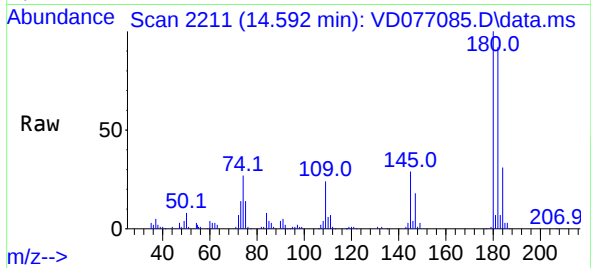
Lab File: VD077085.D

Acq: 12 Sep 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 150752

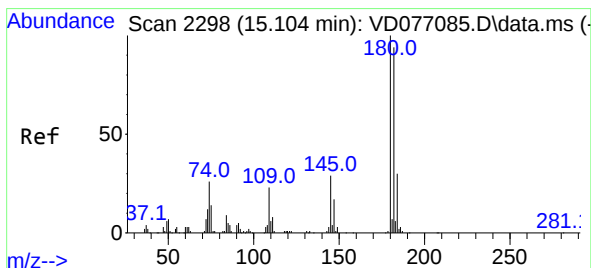
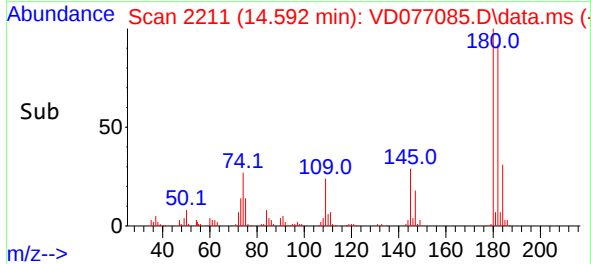
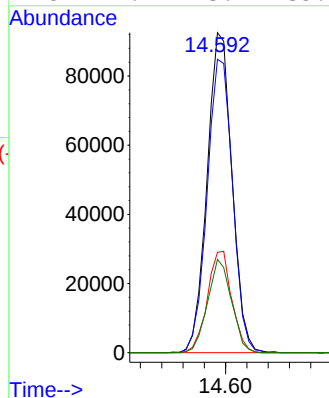
Ion Ratio Lower Upper

180 100

182 93.5 77.0 115.4

184 31.0 24.2 36.2

145 27.9 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 21.033 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VD077085.D

Acq: 12 Sep 2023 11:26

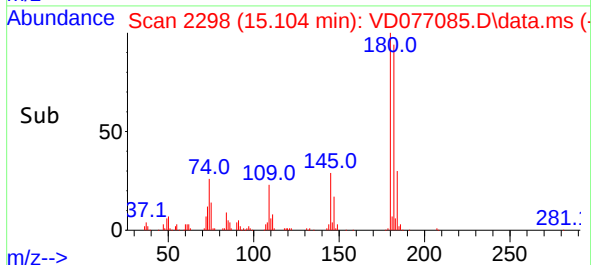
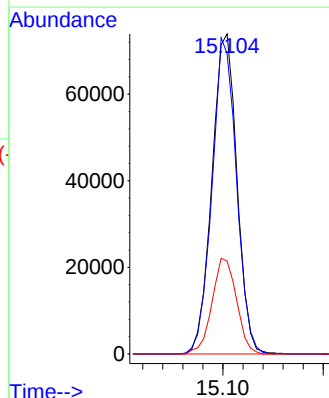
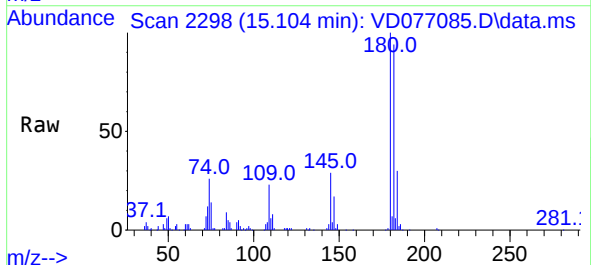
Tgt Ion:180 Resp: 127916

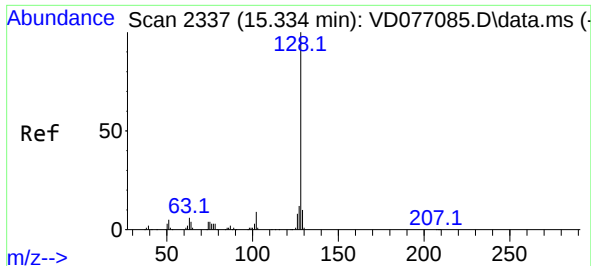
Ion Ratio Lower Upper

180 100

182 96.3 76.3 114.5

145 29.3 23.8 35.8

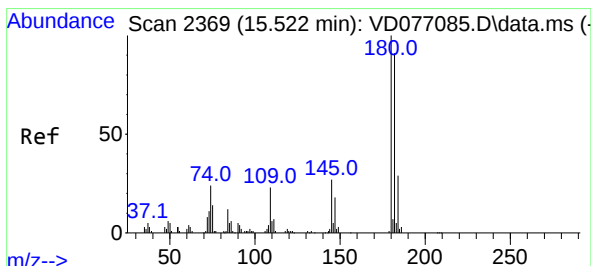
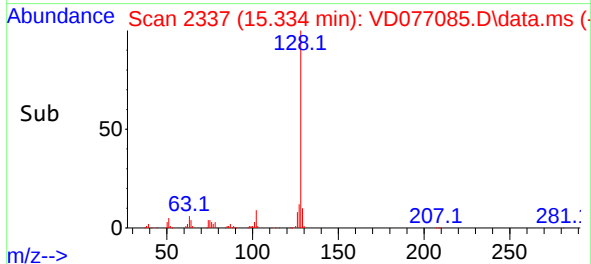
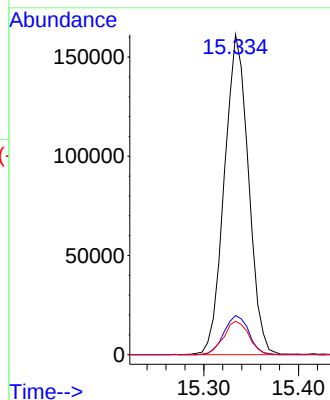
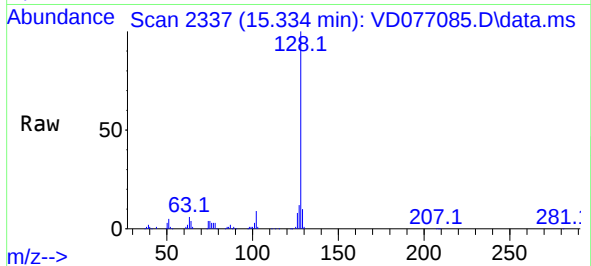




#71
Naphthalene
Concen: 23.489 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 285587
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 22.140 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077085.D
Acq: 12 Sep 2023 11:26

Tgt Ion:180 Resp: 123672
Ion Ratio Lower Upper
180 100
182 92.4 76.6 115.0
145 30.0 25.4 38.2

