

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
 Data File : VD075827.D
 Acq On : 26 Apr 2023 11:24
 Operator : KP/SY
 Sample : 02419-11MS
 Misc : 4.84G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW925MS

Quant Time: Apr 27 01:24:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 01:23:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	142235	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	128526	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	53665	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	78738	25.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.920%	
7) Chloroethane-d5	2.805	69	73982	27.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.760%	
11) 1,1-Dichloroethene-d2	3.922	65	17295	24.042	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 96.160%	
21) 2-Butanone-d5	6.987	46	30818	113.771	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 227.540%#	
24) Chloroform-d	7.569	84	105795	29.744	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 118.960%	
26) 1,2-Dichloroethane-d4	8.234	65	59579	39.225	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 156.880%#	
32) Benzene-d6	8.205	84	210920	28.156	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 112.640%	
36) 1,2-Dichloropropane-d6	9.210	67	65318	31.502	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 126.000%#	
41) Toluene-d8	10.269	98	180048	25.673	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.680%	
43) trans-1,3-Dichloroprop...	10.522	79	31202	36.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 145.640%#	
47) 2-Hexanone-d5	10.881	63	25932	103.870	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 207.740%#	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	68148	42.951	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 171.800%#	
66) 1,2-Dichlorobenzene-d4	13.816	152	50051	26.368	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 105.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	45856	23.386	ug/L	97
3) Chloromethane	2.146	50	79380	29.041	ug/L	98
5) Vinyl chloride	2.287	62	89244	24.981	ug/L	100
6) Bromomethane	2.699	94	67434	28.092	ug/L	98
8) Chloroethane	2.840	64	62866	27.210	ug/L	92
9) Trichlorofluoromethane	3.181	101	65270	22.739	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	39464	20.465	ug/L	98
12) 1,1-Dichloroethene	3.946	96	44429	23.757	ug/L	90
13) Acetone	4.022	43	33879	146.150	ug/L	96
14) Carbon disulfide	4.275	76	156234	23.918	ug/L	97
15) Methyl Acetate	4.564	43	30106	59.927	ug/L #	54
16) Methylene chloride	4.805	84	79710	27.625	ug/L	96
17) trans-1,2-Dichloroethene	5.311	96	55452	26.443	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	144791	43.044	ug/L	99
19) 1,1-Dichloroethane	6.111	63	92559	30.130	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	65282	29.441	ug/L	98
22) 2-Butanone	7.087	43	37431	123.859	ug/L	96
23) Bromochloromethane	7.422	128	40965	39.836	ug/L	91
25) Chloroform	7.599	83	103684	30.115	ug/L	99

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 Response via : Initial Calibration

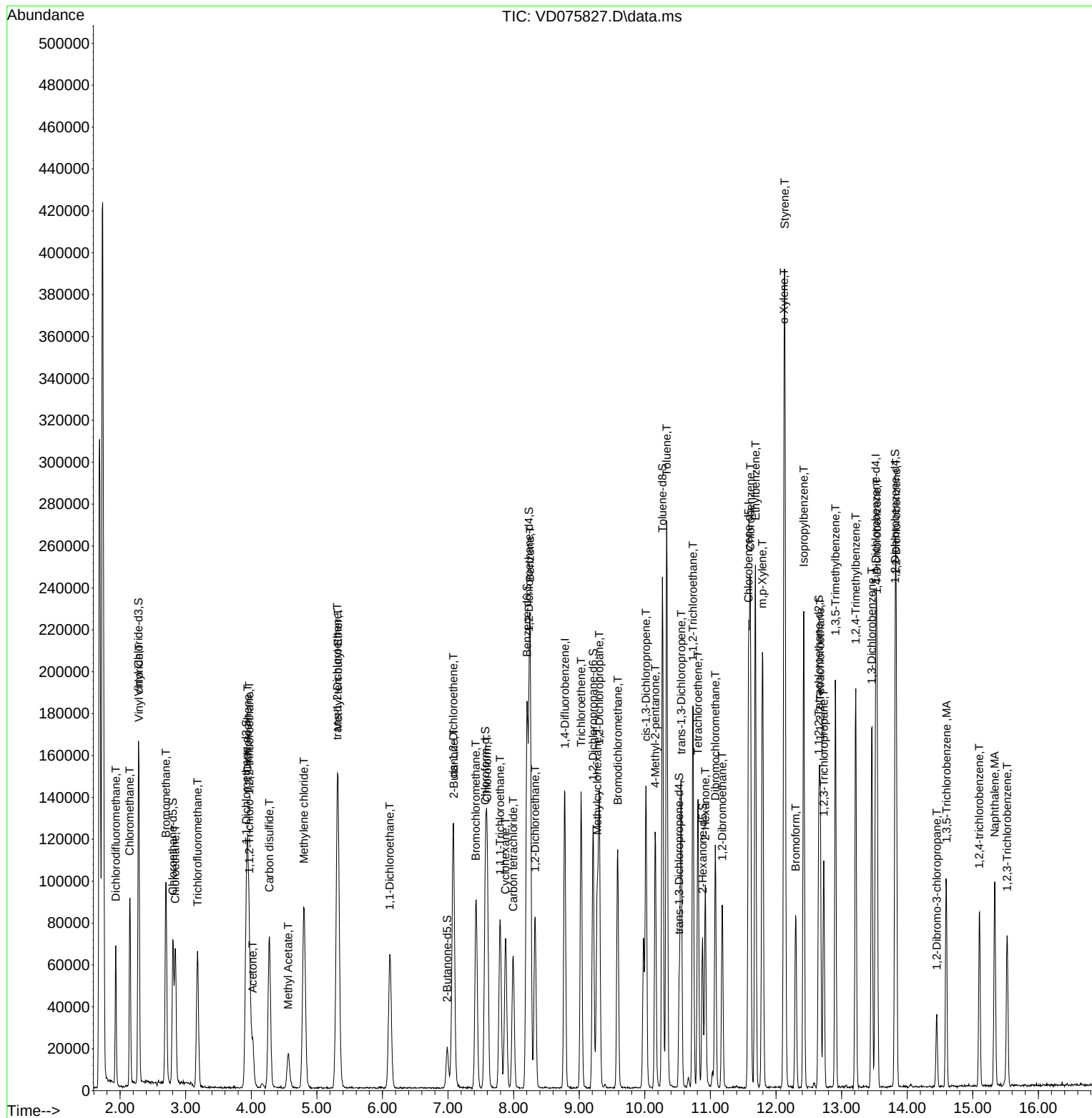
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	73997	41.637	ug/L	100
29) Cyclohexane	7.875	56	35883	16.309	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	68818	25.307	ug/L	100
31) Carbon tetrachloride	7.993	117	50274	23.044	ug/L	97
33) Benzene	8.252	78	220988	28.425	ug/L	100
34) Trichloroethene	9.028	95	49137	24.440	ug/L	96
35) Methylcyclohexane	9.275	83	39565	12.764	ug/L	97
37) 1,2-Dichloropropane	9.304	63	56323	31.539	ug/L	98
38) Bromodichloromethane	9.587	83	81083	33.673	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	93893	33.059	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	73135	112.323	ug/L	100
42) Toluene	10.334	91	222040	26.392	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	85134	37.314	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	61583	40.534	ug/L	98
46) Tetrachloroethene	10.810	164	34235	20.761	ug/L	93
48) 2-Hexanone	10.922	43	53689	116.965	ug/L	95
49) Dibromochloromethane	11.075	129	62294	37.663	ug/L	98
50) 1,2-Dibromoethane	11.181	107	59460	43.410	ug/L	92
51) Chlorobenzene	11.610	112	140287	25.489	ug/L	100
52) Ethylbenzene	11.687	91	185396	21.490	ug/L	100
53) m,p-Xylene	11.793	106	77286	22.498	ug/L	95
54) o-Xylene	12.122	106	76472	23.437	ug/L	97
55) Styrene	12.134	104	143474	25.264	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	66937	43.301	ug/L	94
59) Bromoform	12.298	173	39720	48.293	ug/L	98
60) Isopropylbenzene	12.422	105	152729	21.463	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	45149	53.556	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	107371	20.235	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	106350	20.792	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	83614	24.558	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	85591	23.953	ug/L	90
67) 1,2-Dichlorobenzene	13.834	146	79797	26.245	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	8605	51.059	ug/L	92
69) 1,3,5-Trichlorobenzene	14.598	180	34708	15.209	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	30734	16.251	ug/L	95
71) Naphthalene	15.334	128	93567	27.036	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	26733	15.836	ug/L	98

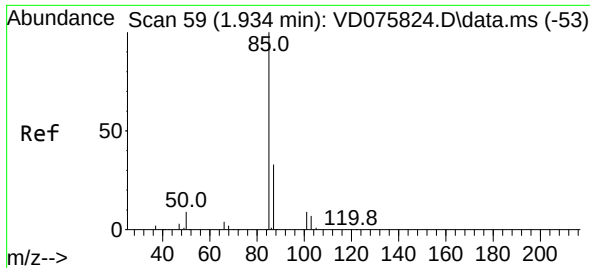
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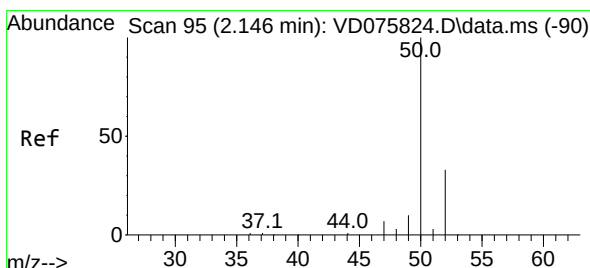
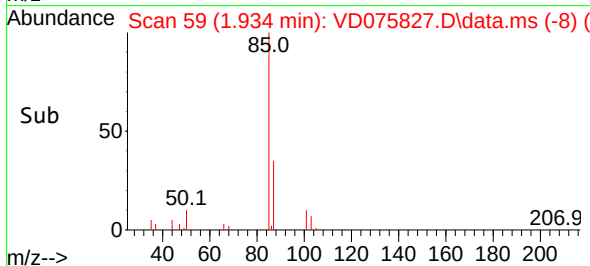
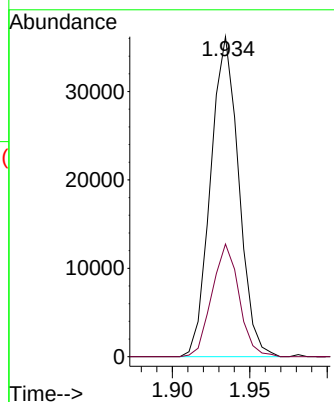
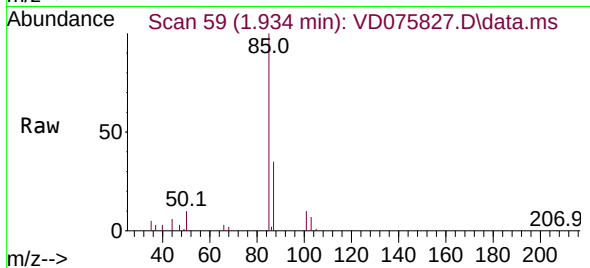




#2
 Dichlorodifluoromethane
 Concen: 23.386 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075827.D
 Acq: 26 Apr 2023 11:24

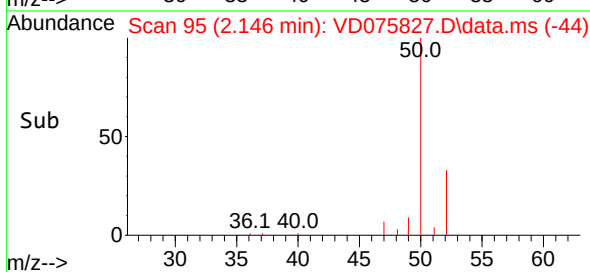
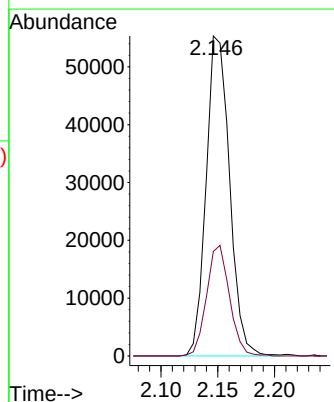
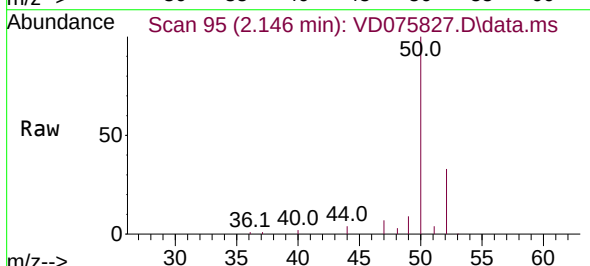
Instrument :
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 ClientSampleId :
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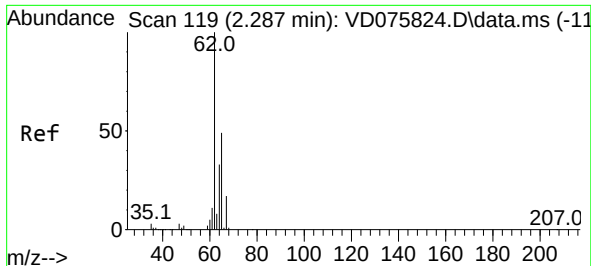
Tgt Ion: 85 Resp: 45856
 Ion Ratio Lower Upper
 85 100
 87 33.8 25.8 38.8



#3
 Chloromethane
 Concen: 29.041 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD075827.D
 Acq: 26 Apr 2023 11:24

Tgt Ion: 50 Resp: 79380
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.7 44.1

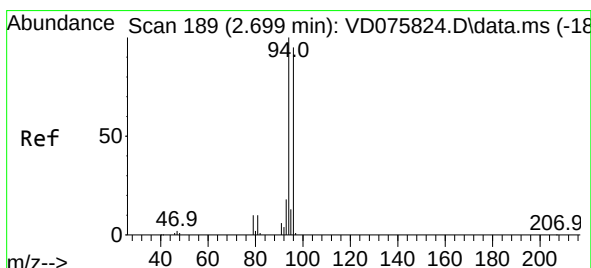
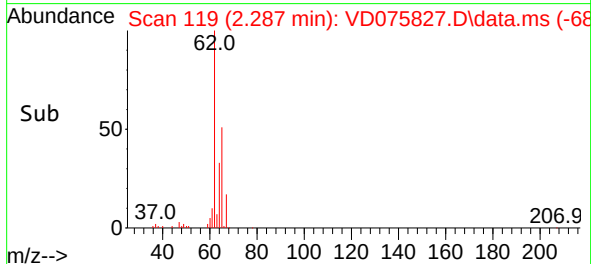
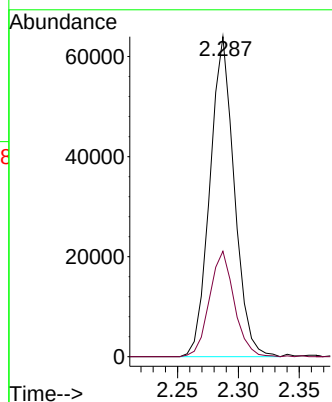
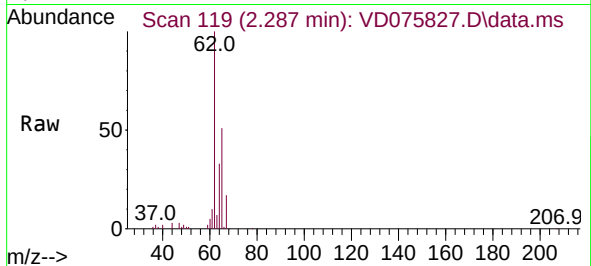




#5
 Vinyl chloride
 Concen: 24.981 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075827.D
 Acq: 26 Apr 2023 11:24

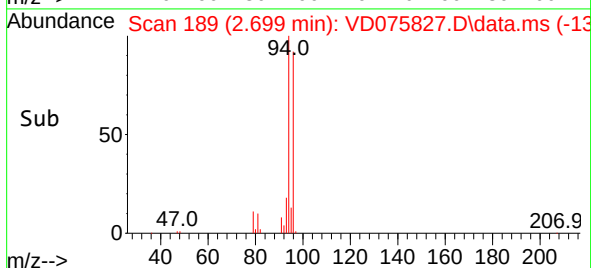
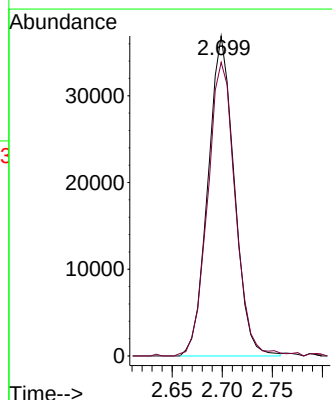
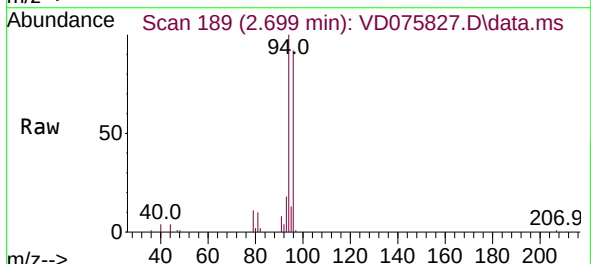
Instrument :
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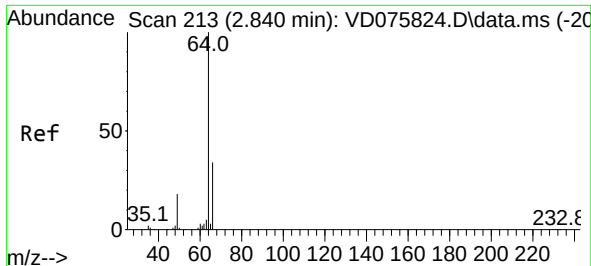
Tgt Ion: 62 Resp: 89244
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.0



#6
 Bromomethane
 Concen: 28.092 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD075827.D
 Acq: 26 Apr 2023 11:24

Tgt Ion: 94 Resp: 67434
 Ion Ratio Lower Upper
 94 100
 96 91.8 65.7 121.9

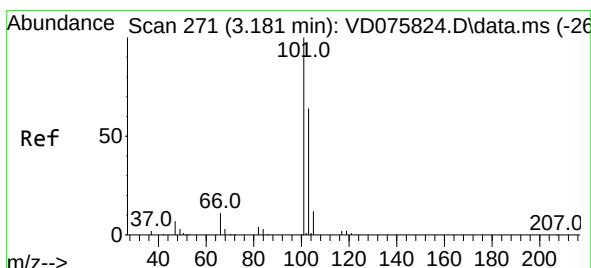
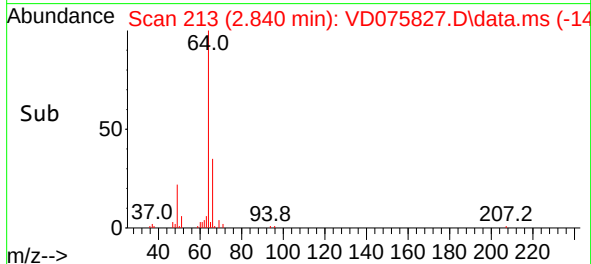
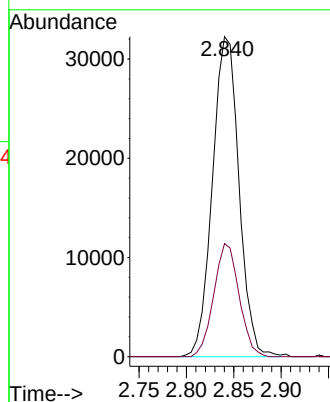
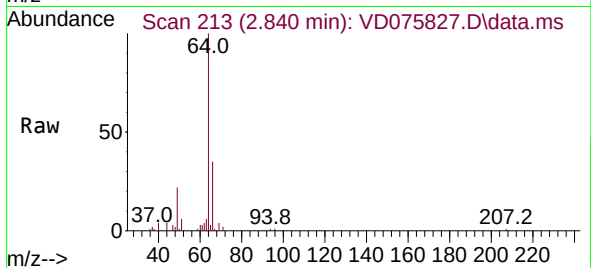




#8
Chloroethane
Concen: 27.210 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

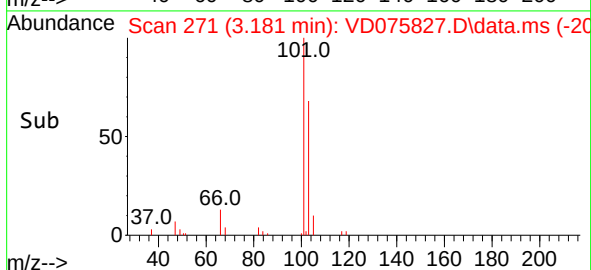
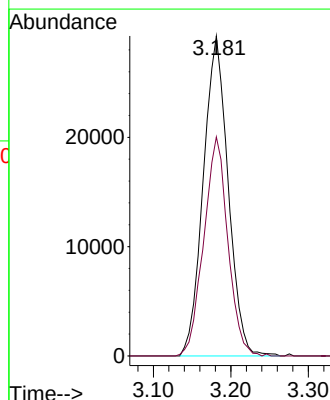
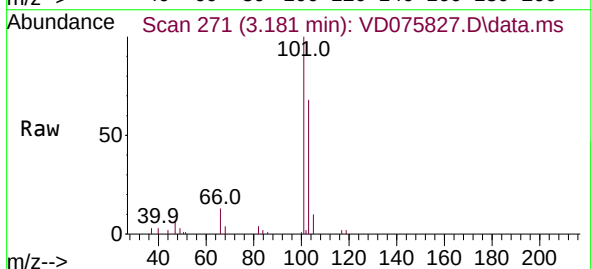
Instrument :
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ClientSampleId :
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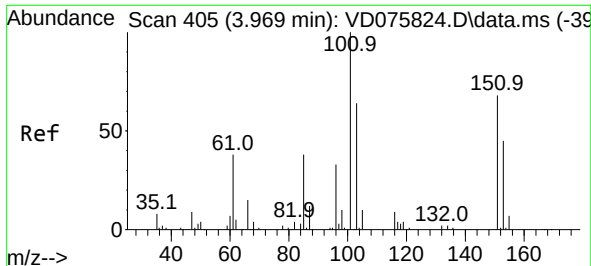
Tgt Ion: 64 Resp: 62866
Ion Ratio Lower Upper
64 100
66 35.4 21.8 40.4



#9
Trichlorofluoromethane
Concen: 22.739 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

Tgt Ion:101 Resp: 65270
Ion Ratio Lower Upper
101 100
103 66.2 52.2 78.4

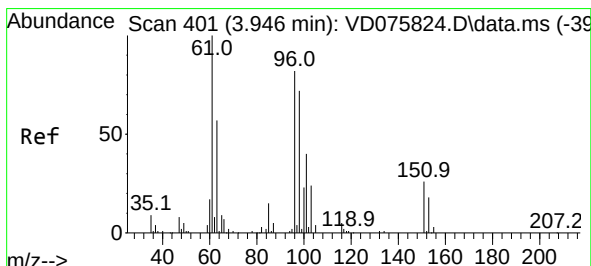
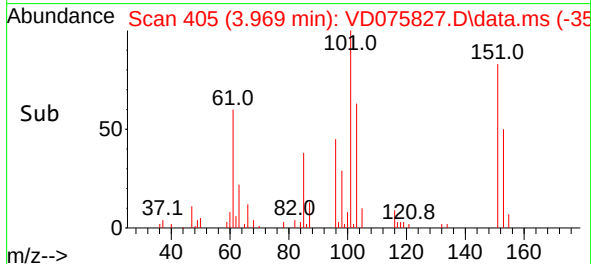
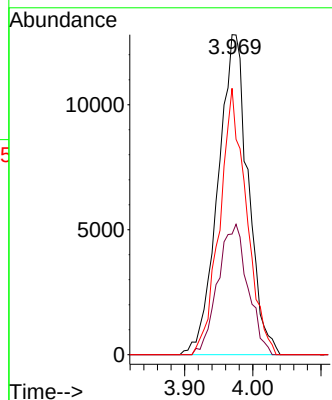
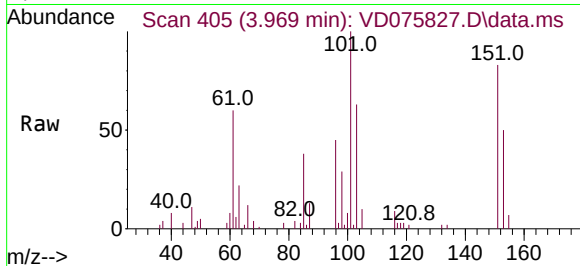




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.465 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075827.D
 Acq: 26 Apr 2023 11:24

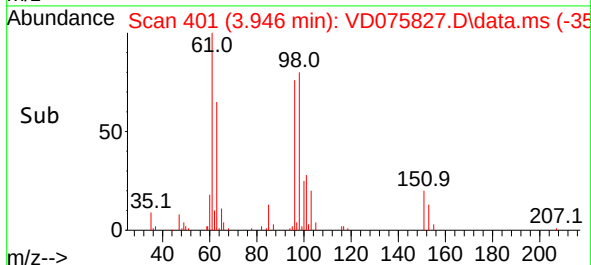
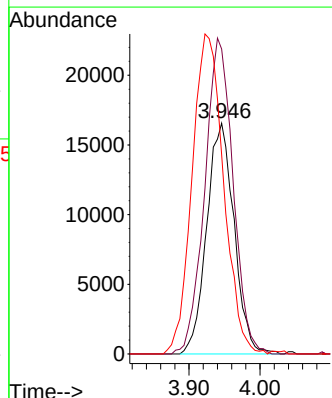
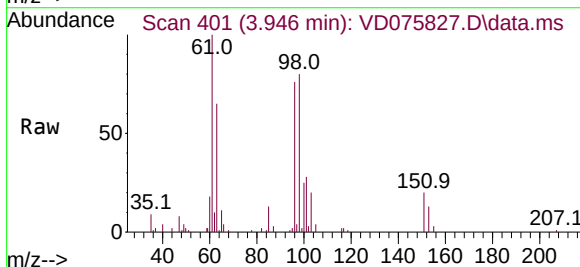
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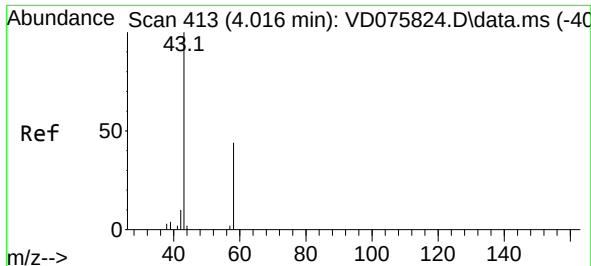
Tgt Ion:101 Resp: 39464
 Ion Ratio Lower Upper
 101 100
 85 40.4 32.9 49.3
 151 73.7 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 23.757 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VD075827.D
 Acq: 26 Apr 2023 11:24

Tgt Ion: 96 Resp: 44429
 Ion Ratio Lower Upper
 96 100
 61 132.2 92.6 172.0
 63 86.4 77.4 143.8





#13

Acetone

Concen: 146.150 ug/L

RT: 4.022 min Scan# 413

Delta R.T. 0.006 min

Lab File: VD075827.D

Acq: 26 Apr 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

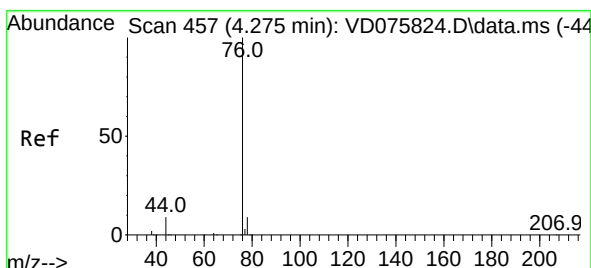
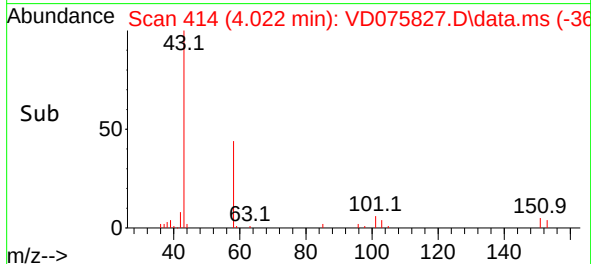
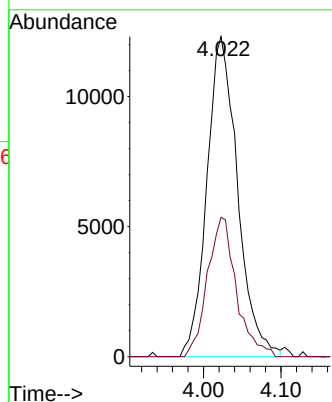
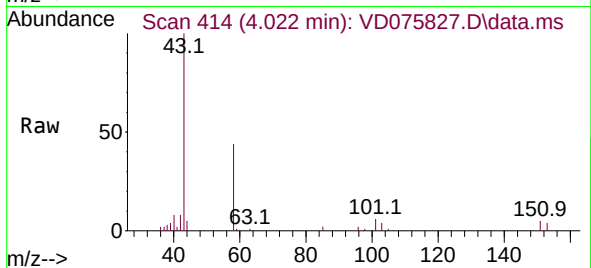
EW925MS

Tgt Ion: 43 Resp: 33879

Ion Ratio Lower Upper

43 100

58 41.0 0.0 87.4



#14

Carbon disulfide

Concen: 23.918 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD075827.D

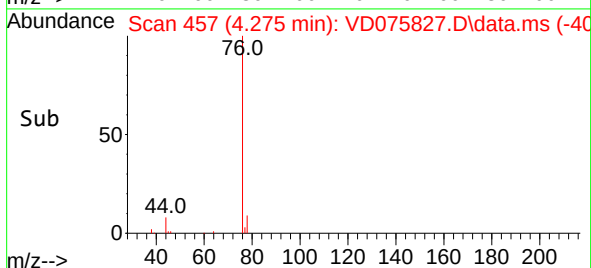
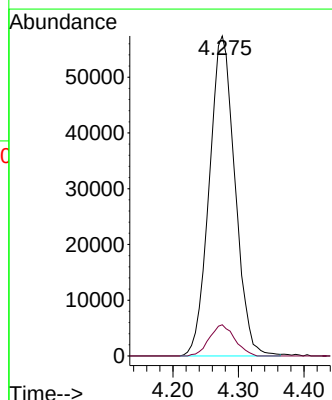
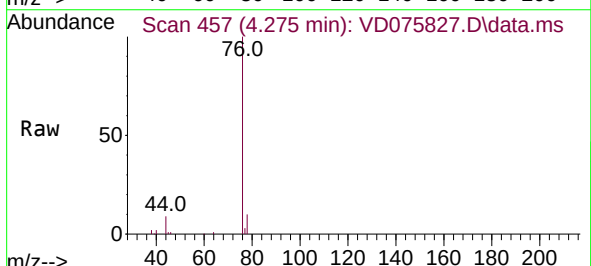
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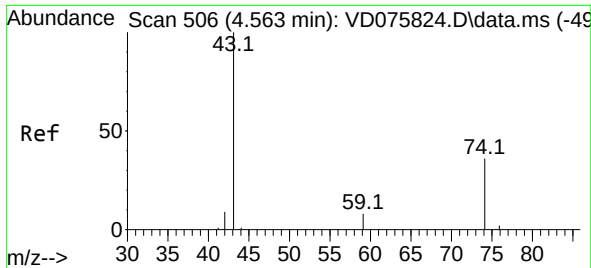
Tgt Ion: 76 Resp: 156234

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.6

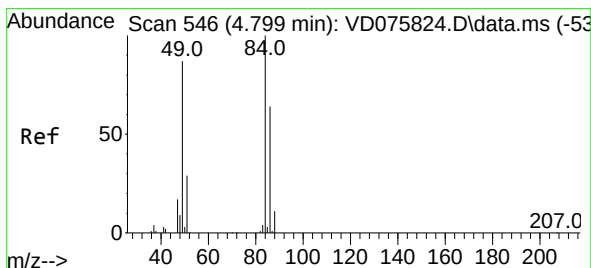
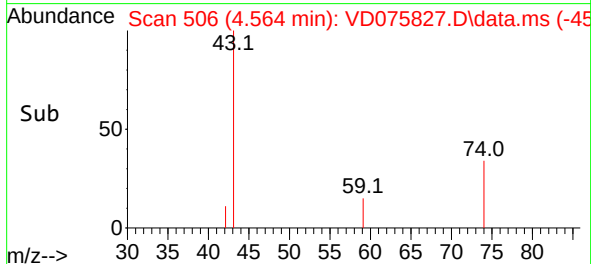
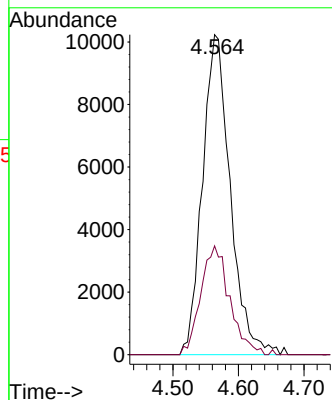
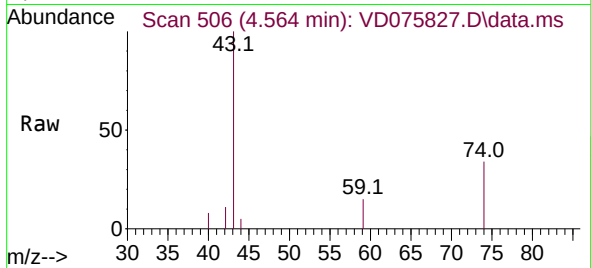




#15
Methyl Acetate
Concen: 59.927 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

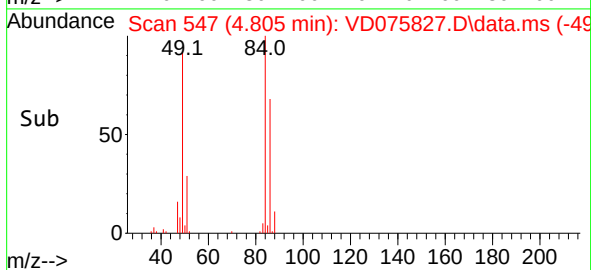
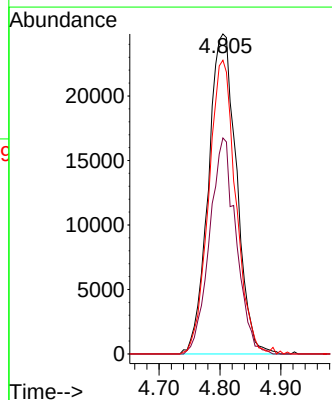
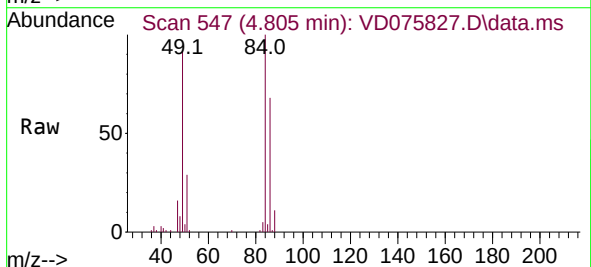
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

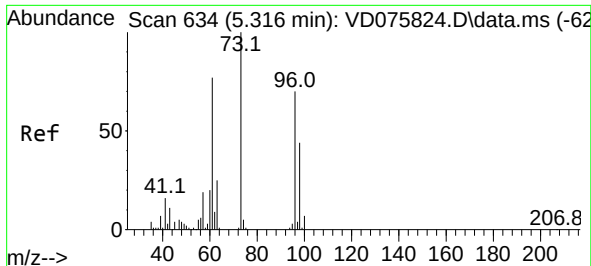
Tgt Ion: 43 Resp: 30106
Ion Ratio Lower Upper
43 100
74 35.3 12.8 19.2#



#16
Methylene chloride
Concen: 27.625 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

Tgt Ion: 84 Resp: 79710
Ion Ratio Lower Upper
84 100
86 67.5 45.8 85.2
49 91.8 60.8 112.8

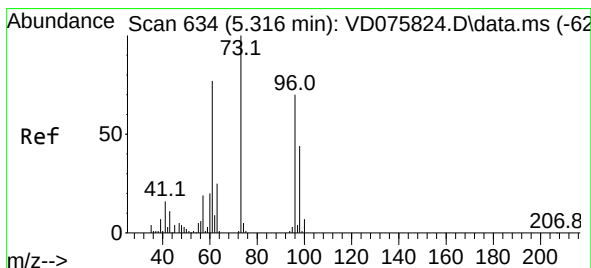
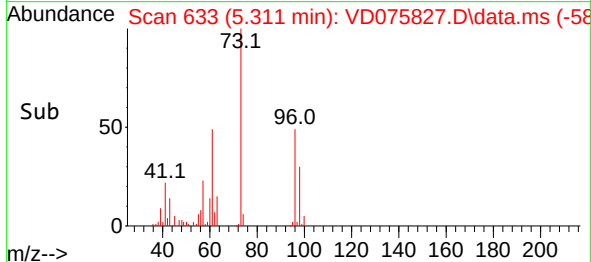
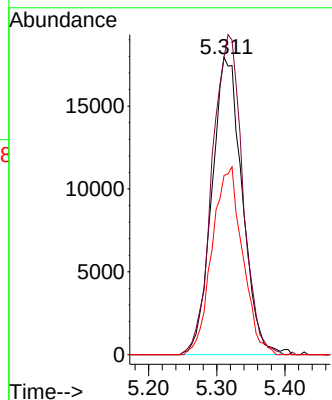
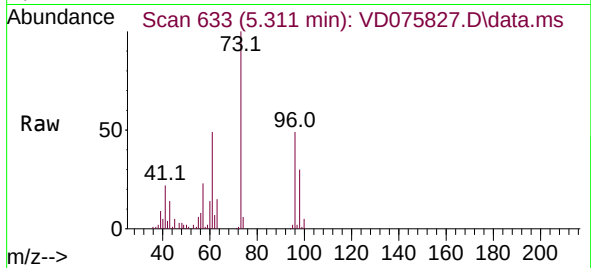




#17
trans-1,2-Dichloroethene
Concen: 26.443 ug/L
RT: 5.311 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

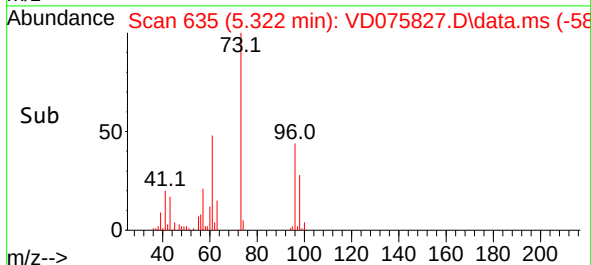
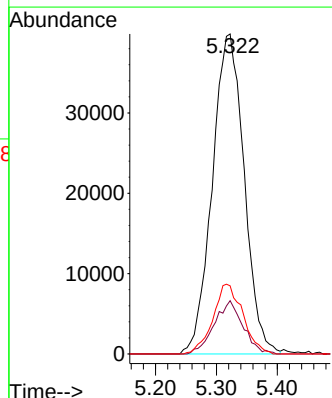
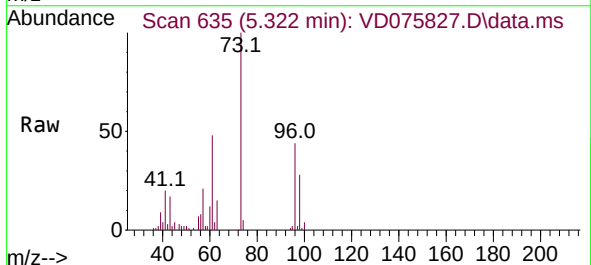
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

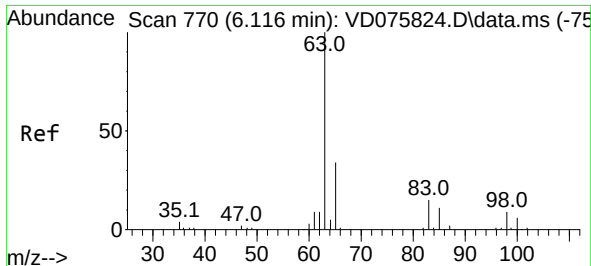
Tgt Ion: 96 Resp: 55452
Ion Ratio Lower Upper
96 100
61 100.1 72.9 135.5
98 60.3 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 43.044 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

Tgt Ion: 73 Resp: 144791
Ion Ratio Lower Upper
73 100
43 14.8 11.3 16.9
57 20.4 16.3 24.5





#19

1,1-Dichloroethane

Concen: 30.130 ug/L

RT: 6.111 min Scan# 70

Delta R.T. -0.006 min

Lab File: VD075827.D

Acq: 26 Apr 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

EW925MS

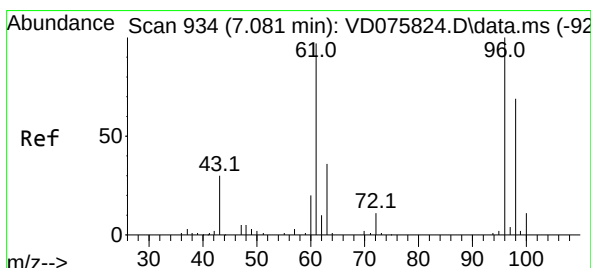
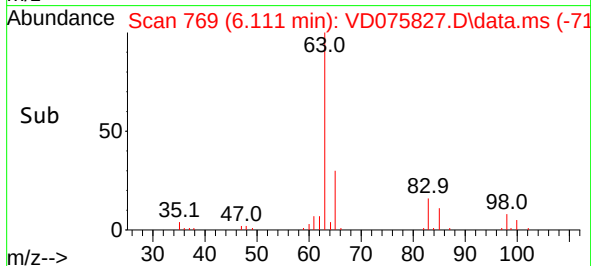
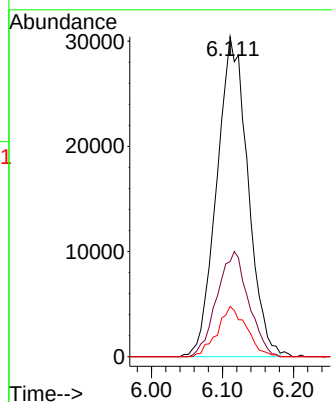
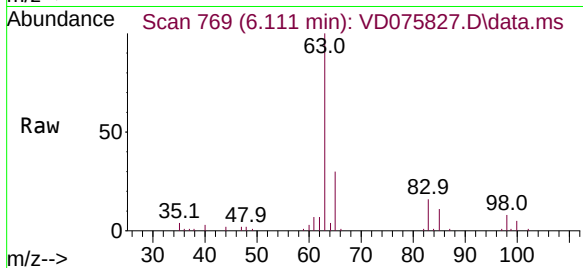
Tgt Ion: 63 Resp: 92559

Ion Ratio Lower Upper

63 100

65 29.7 22.8 42.4

83 15.7 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 29.441 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD075827.D

Acq: 26 Apr 2023 11:24

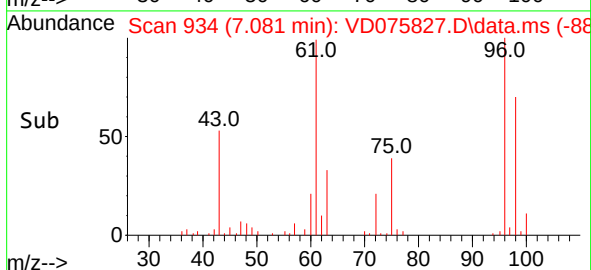
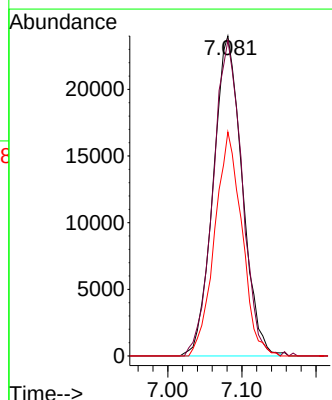
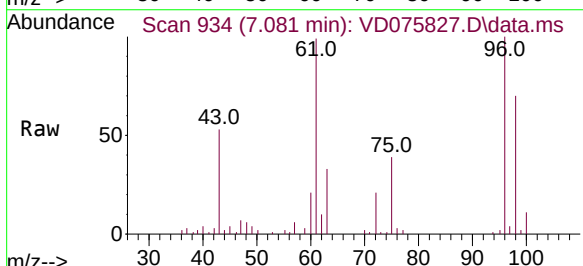
Tgt Ion: 96 Resp: 65282

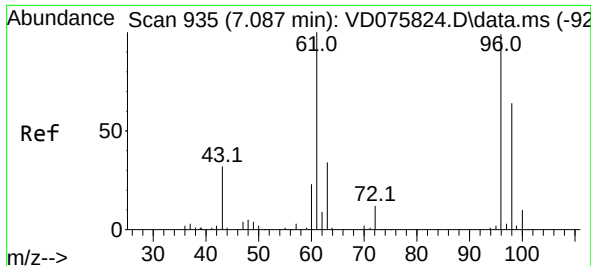
Ion Ratio Lower Upper

96 100

61 98.6 67.5 125.3

98 70.0 47.5 88.1





#22

2-Butanone

Concen: 123.859 ug/L

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075827.D

Acq: 26 Apr 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

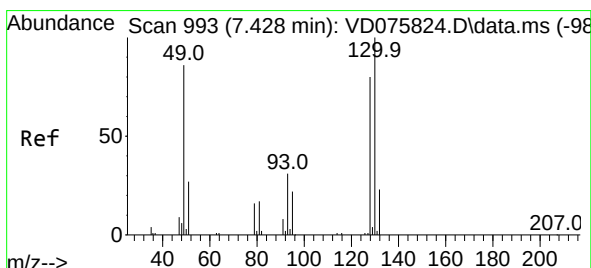
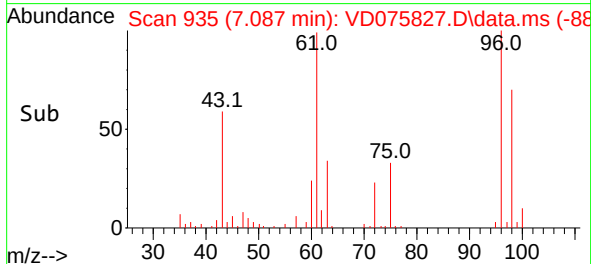
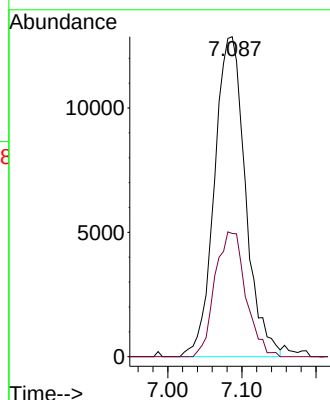
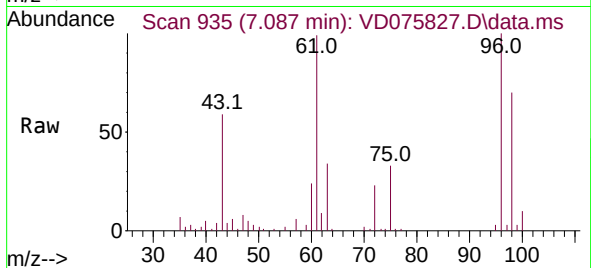
EW925MS

Tgt Ion: 43 Resp: 37431

Ion Ratio Lower Upper

43 100

72 38.3 20.5 61.5



#23

Bromochloromethane

Concen: 39.836 ug/L

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD075827.D

Acq: 26 Apr 2023 11:24

Tgt Ion:128 Resp: 40965

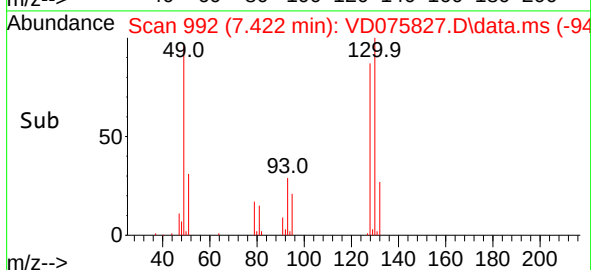
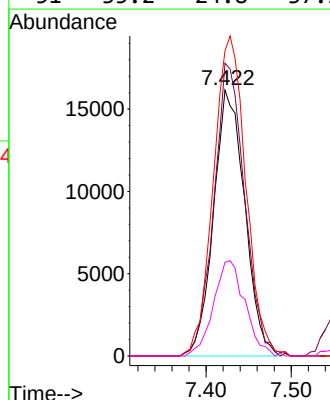
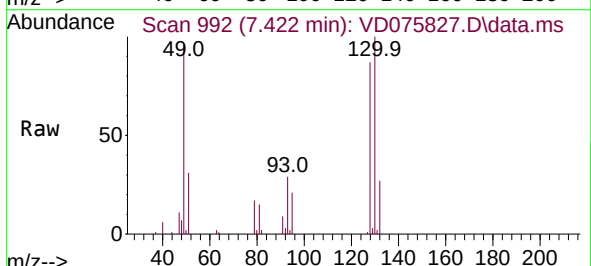
Ion Ratio Lower Upper

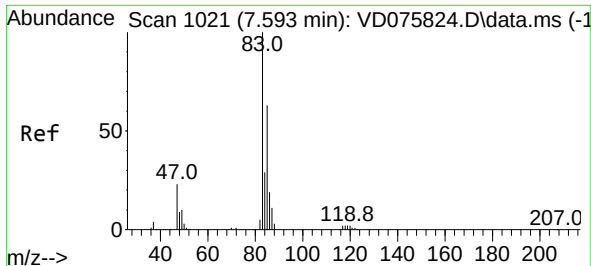
128 100

49 110.2 76.4 142.0

130 114.8 93.5 173.7

51 35.2 24.8 37.2





#25

Chloroform

Concen: 30.115 ug/L

RT: 7.599 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VD075827.D

Acq: 26 Apr 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

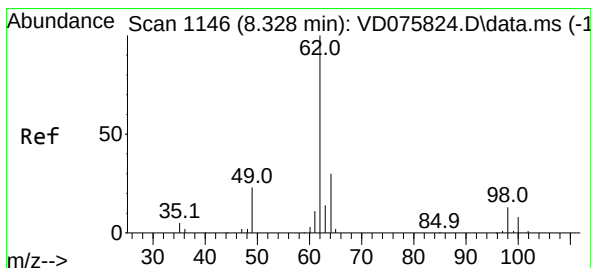
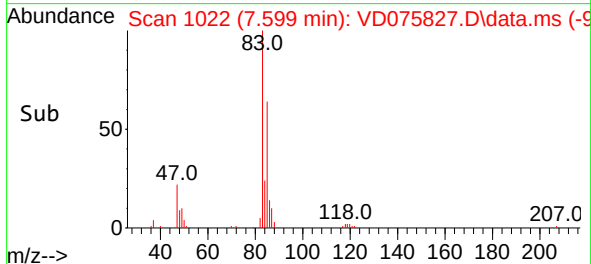
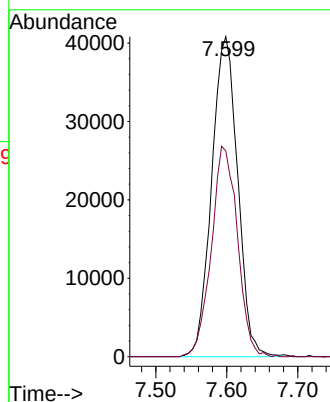
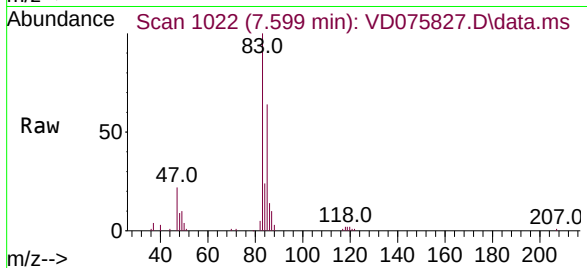
EW925MS

Tgt Ion: 83 Resp: 103684

Ion Ratio Lower Upper

83 100

85 64.3 44.4 82.5



#27

1,2-Dichloroethane

Concen: 41.637 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075827.D

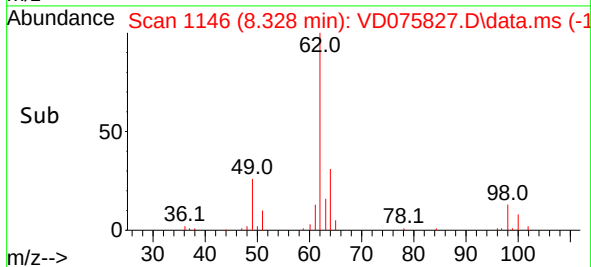
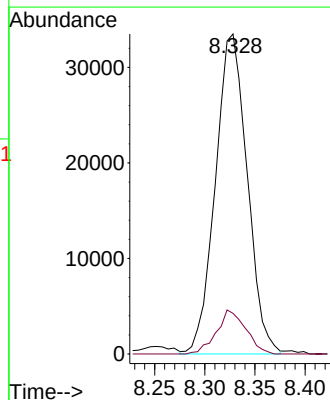
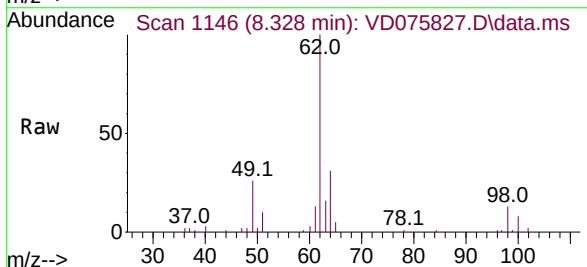
Acq: 26 Apr 2023 11:24

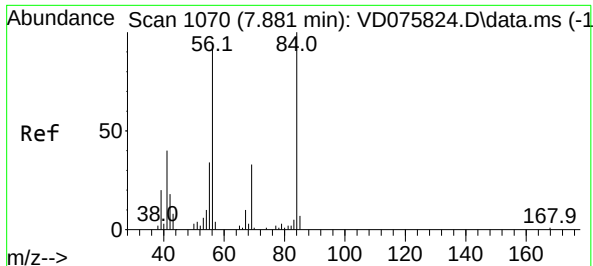
Tgt Ion: 62 Resp: 73997

Ion Ratio Lower Upper

62 100

98 12.7 10.2 15.2





#29

Cyclohexane

Concen: 16.309 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075827.D

Acq: 26 Apr 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

EW925MS

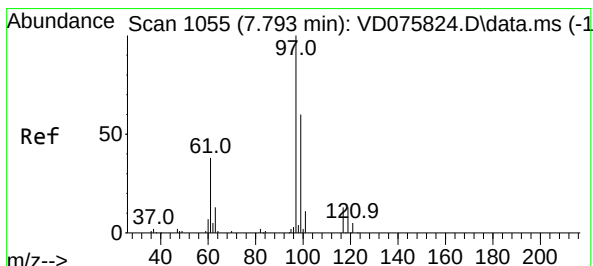
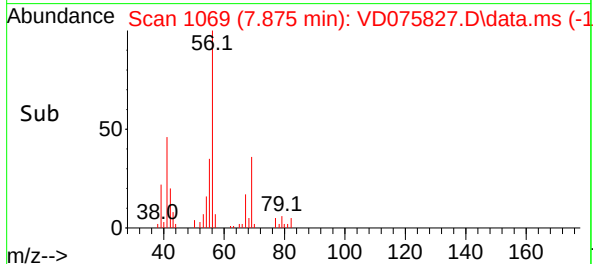
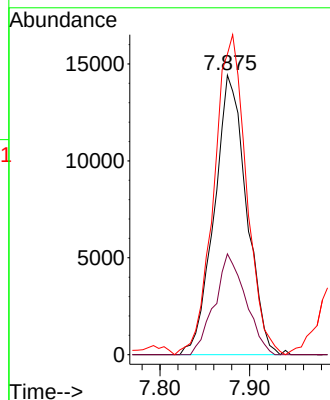
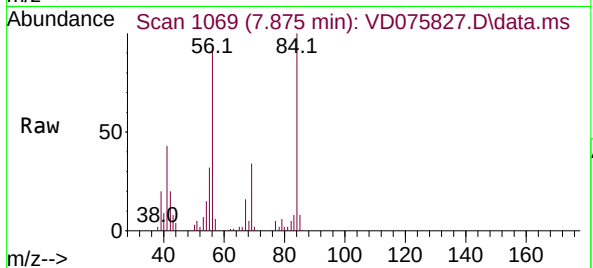
Tgt Ion: 56 Resp: 35883

Ion Ratio Lower Upper

56 100

69 34.7 28.2 42.2

84 115.6 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 25.307 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075827.D

Acq: 26 Apr 2023 11:24

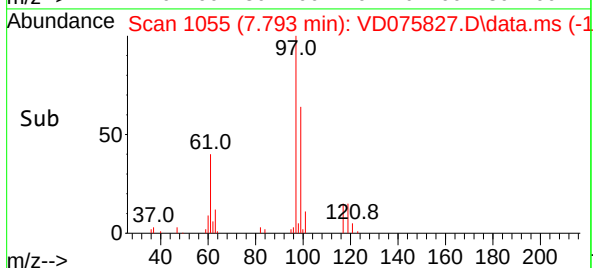
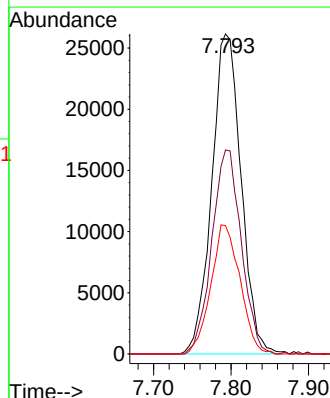
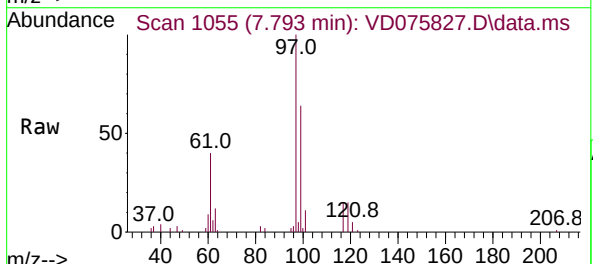
Tgt Ion: 97 Resp: 68818

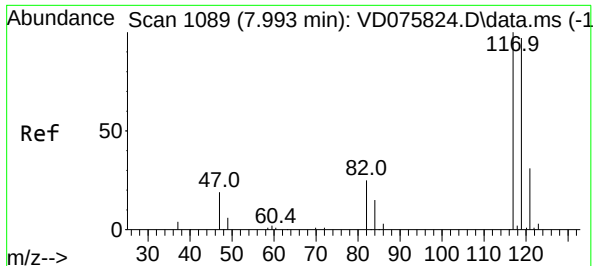
Ion Ratio Lower Upper

97 100

99 63.9 51.5 77.3

61 40.1 32.1 48.1

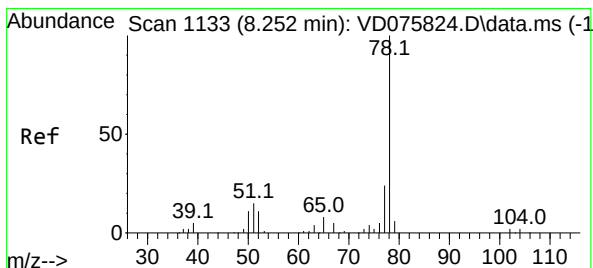
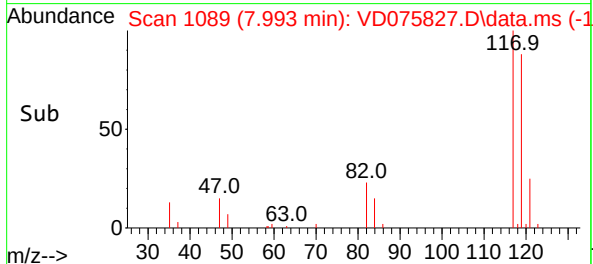
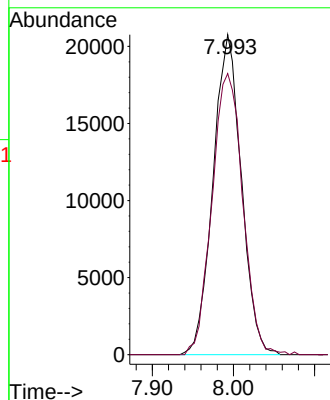
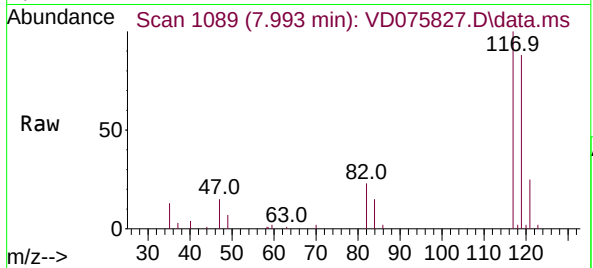




#31
Carbon tetrachloride
Concen: 23.044 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

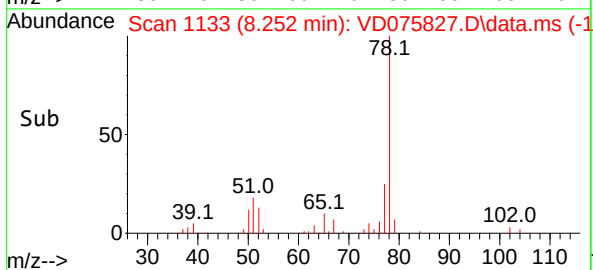
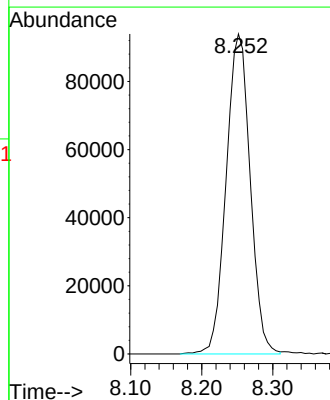
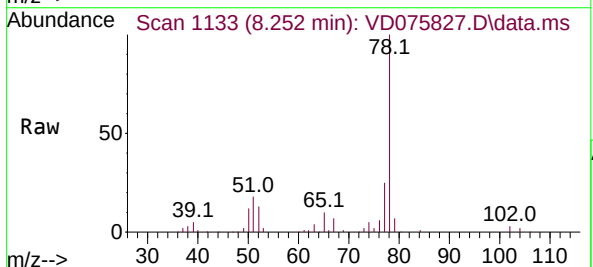
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

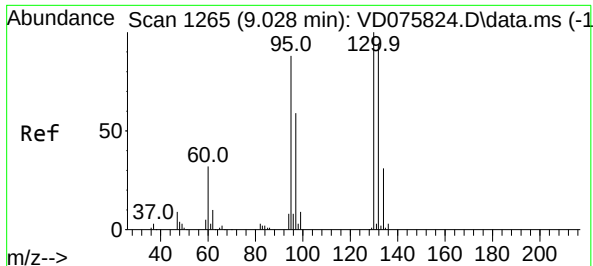
Tgt Ion:117 Resp: 50274
Ion Ratio Lower Upper
117 100
119 95.3 78.2 117.4



#33
Benzene
Concen: 28.425 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

Tgt Ion: 78 Resp: 220988



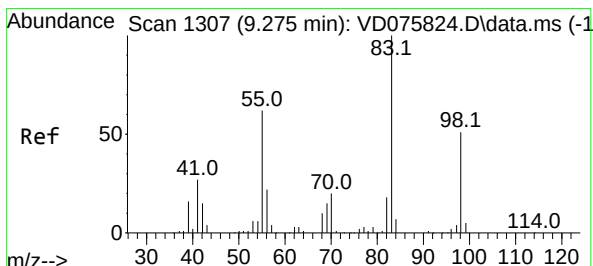
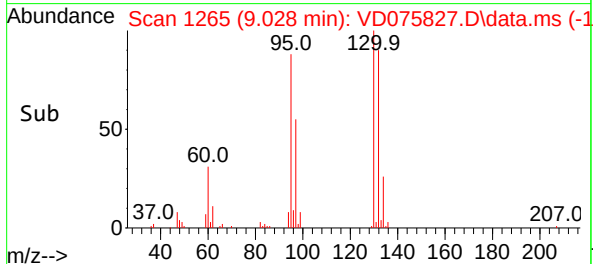
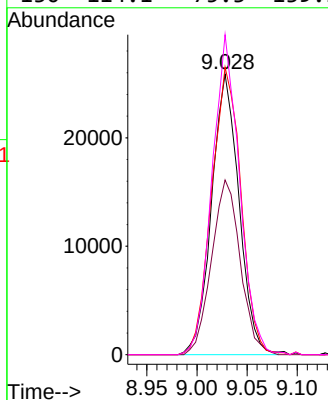
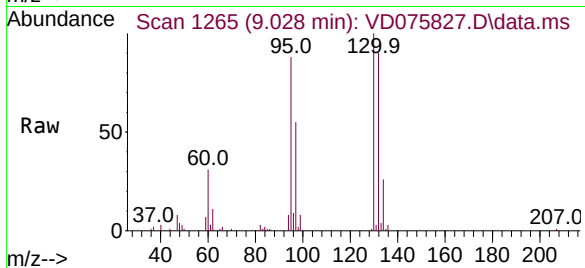


#34
Trichloroethene
Concen: 24.440 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

Instrument :
MSVOA_D
ClientSampleId :
EW925MS

Tgt Ion: 95 Resp: 49137

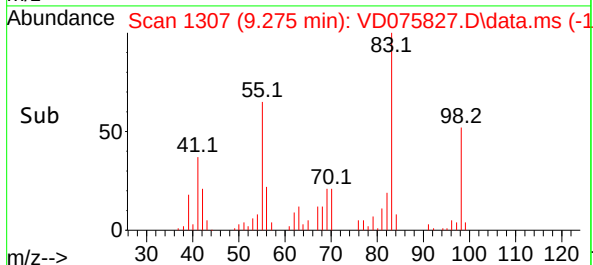
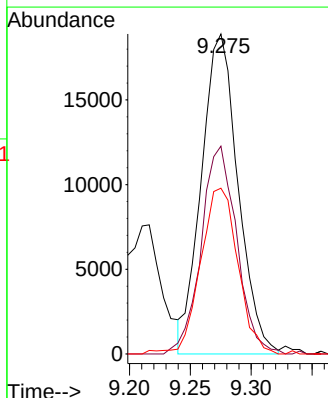
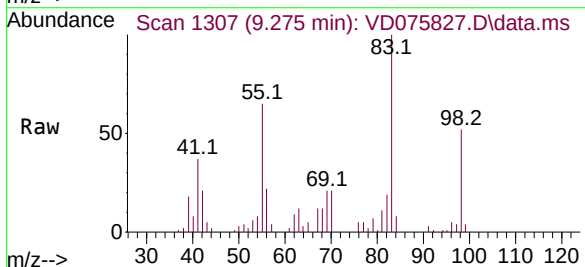
Ion	Ratio	Lower	Upper
95	100		
97	62.3	46.0	85.4
132	102.5	73.3	136.1
130	114.1	75.3	139.9

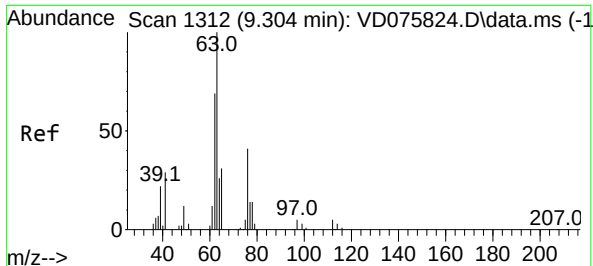


#35
Methylcyclohexane
Concen: 12.764 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

Tgt Ion: 83 Resp: 39565

Ion	Ratio	Lower	Upper
83	100		
55	63.0	48.2	72.2
98	52.2	40.8	61.2





#37

1,2-Dichloropropane

Concen: 31.539 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075827.D

Acq: 26 Apr 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

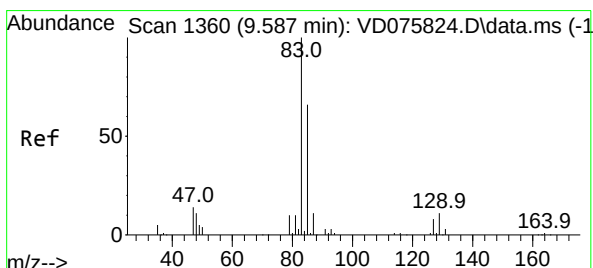
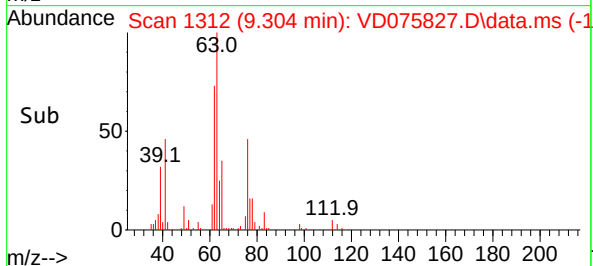
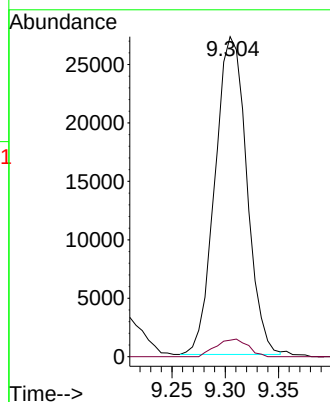
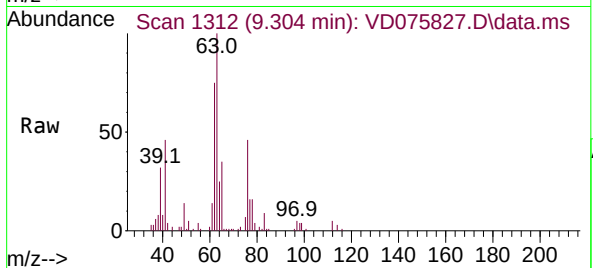
EW925MS

Tgt Ion: 63 Resp: 56323

Ion Ratio Lower Upper

63 100

112 5.6 4.0 6.0



#38

Bromodichloromethane

Concen: 33.673 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075827.D

Acq: 26 Apr 2023 11:24

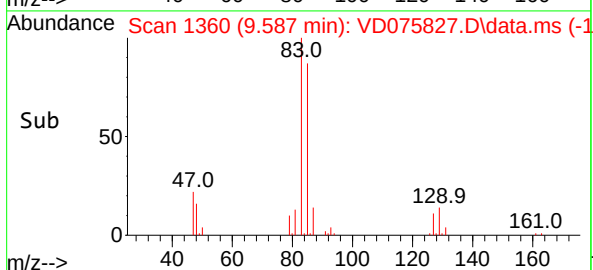
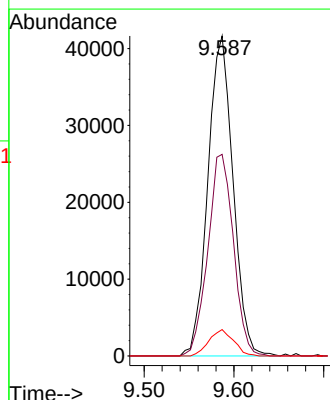
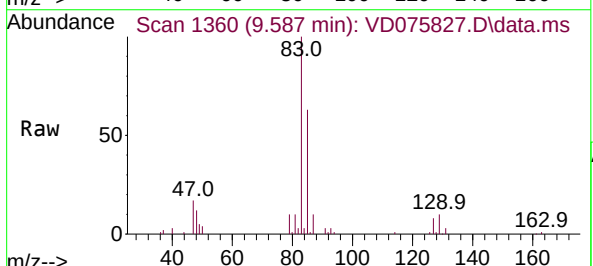
Tgt Ion: 83 Resp: 81083

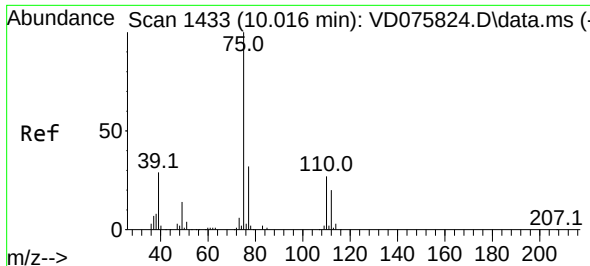
Ion Ratio Lower Upper

83 100

85 63.0 44.2 82.2

127 8.3 6.3 9.5

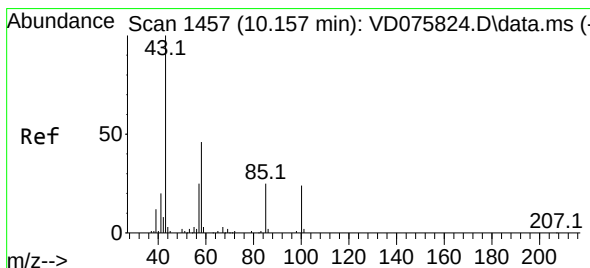
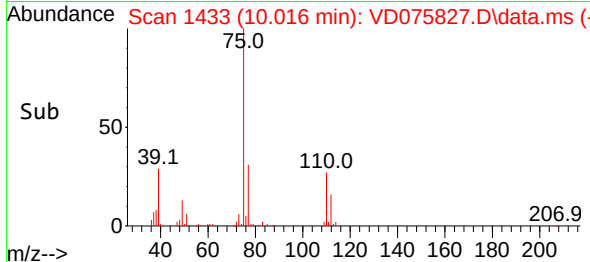
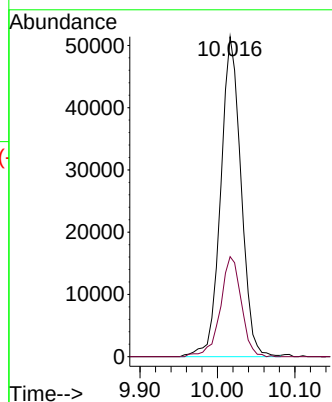
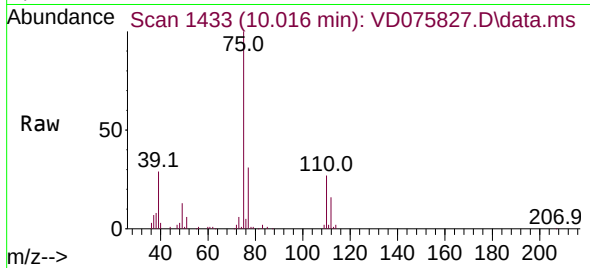




#39
 cis-1,3-Dichloropropene
 Concen: 33.059 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075827.D
 Acq: 26 Apr 2023 11:24

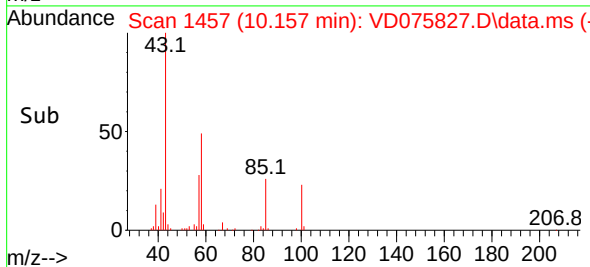
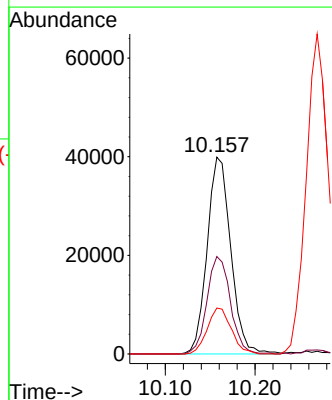
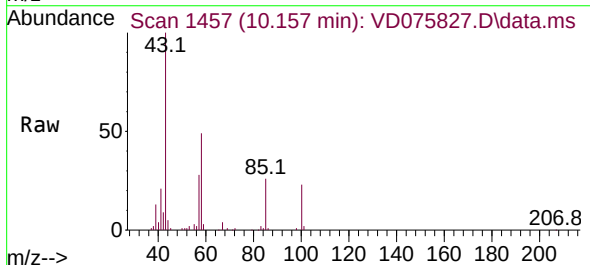
Instrument :
 MSVOA_D
 ClientSampleId :
 EW925MS

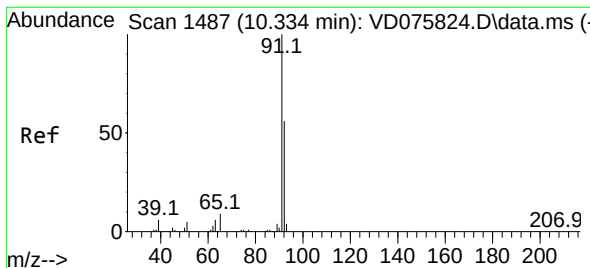
Tgt Ion: 75 Resp: 93893
 Ion Ratio Lower Upper
 75 100
 77 31.2 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 112.323 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD075827.D
 Acq: 26 Apr 2023 11:24

Tgt Ion: 43 Resp: 73135
 Ion Ratio Lower Upper
 43 100
 58 48.8 39.1 58.7
 100 23.6 19.4 29.0





#42

Toluene

Concen: 26.392 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075827.D

Acq: 26 Apr 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

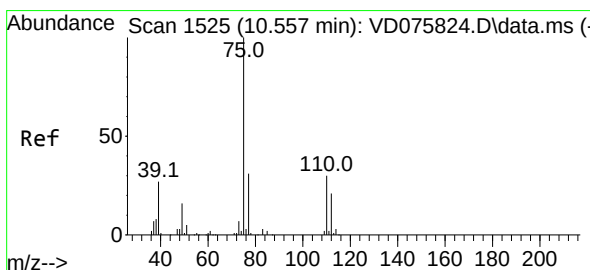
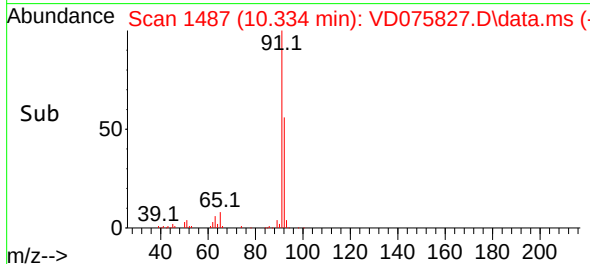
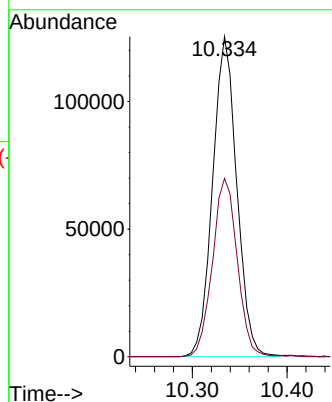
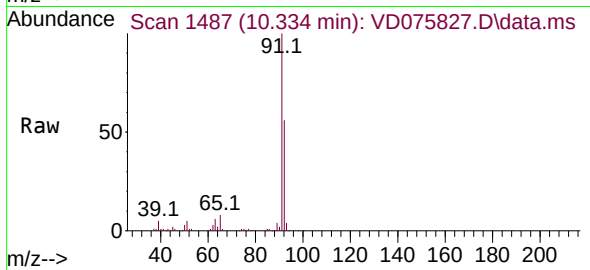
EW925MS

Tgt Ion: 91 Resp: 222040

Ion Ratio Lower Upper

91 100

92 55.7 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 37.314 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD075827.D

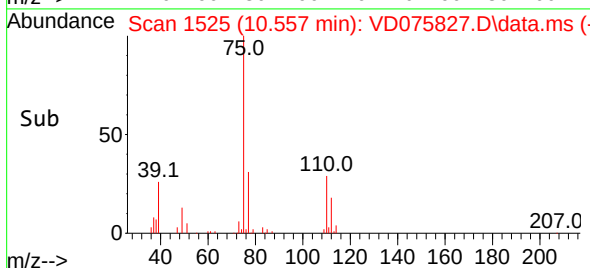
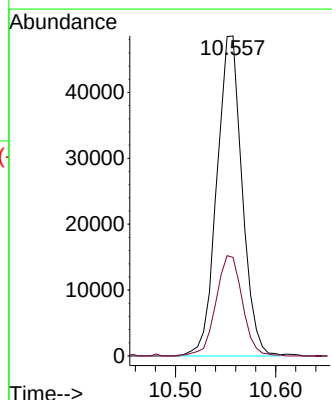
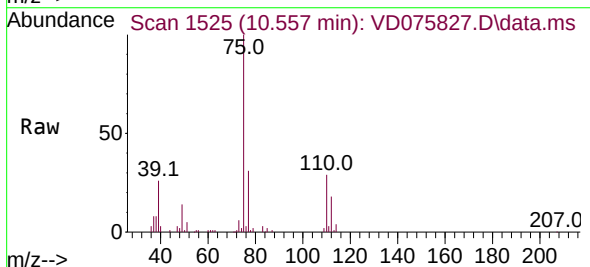
Acq: 26 Apr 2023 11:24

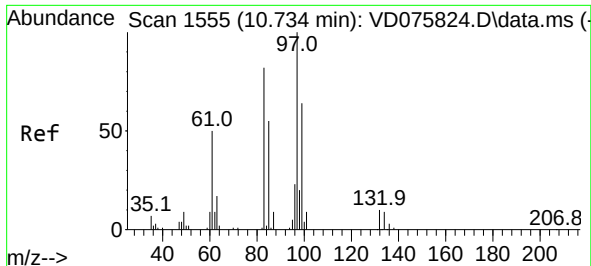
Tgt Ion: 75 Resp: 85134

Ion Ratio Lower Upper

75 100

77 30.8 22.0 41.0

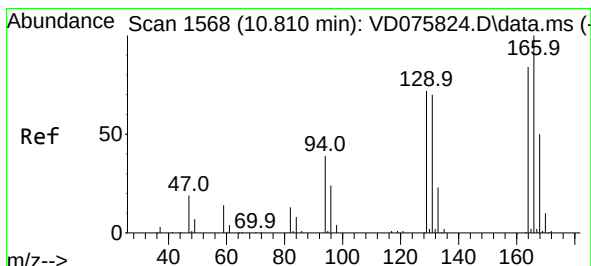
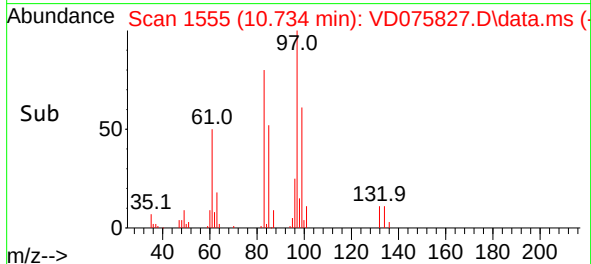
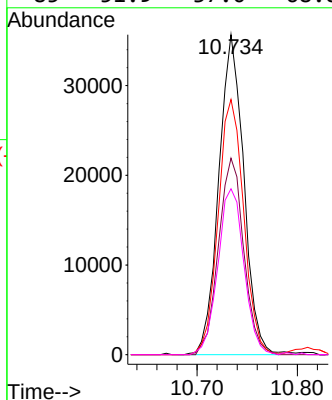
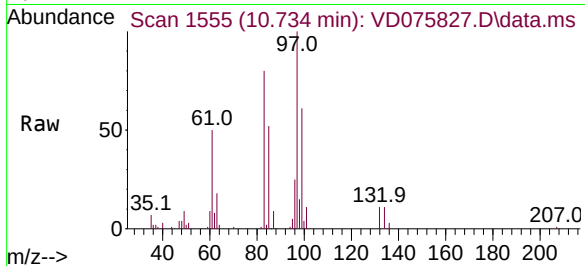




#45
1,1,2-Trichloroethane
Concen: 40.534 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

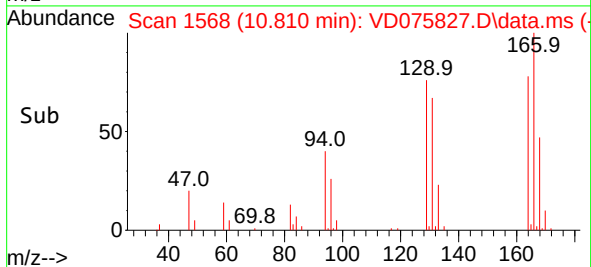
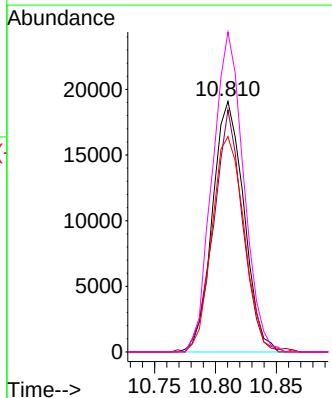
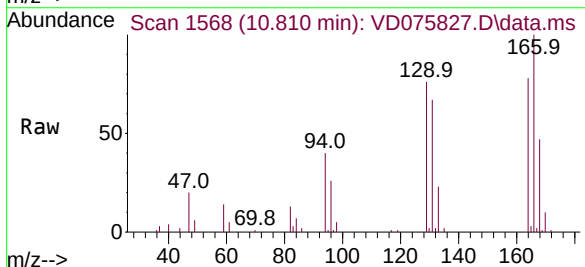
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

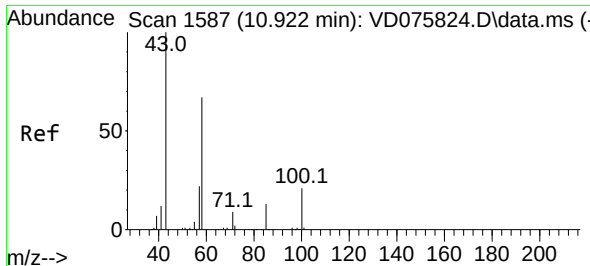
Tgt Ion: 97	Resp: 61583
Ion Ratio	Lower Upper
97 100	
99 61.4	42.2 78.4
83 79.8	54.8 101.8
85 51.9	37.0 68.8



#46
Tetrachloroethene
Concen: 20.761 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

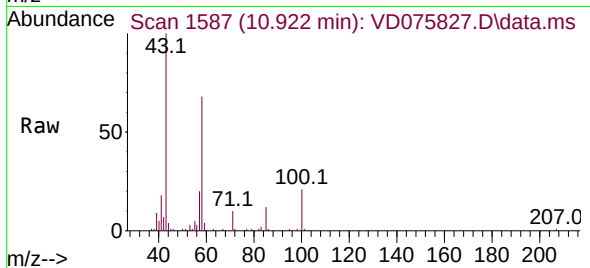
Tgt	Ion:164	Resp:	34235
Ion	Ratio	Lower	Upper
164	100		
129	96.6	60.3	112.1
131	86.0	58.9	109.3
166	127.7	83.0	154.1



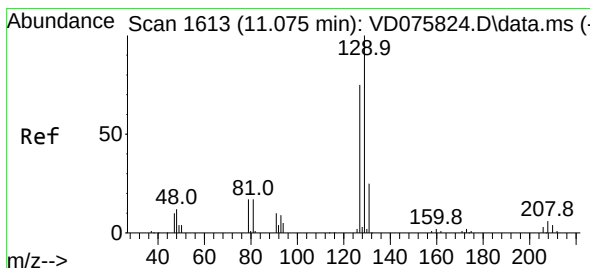
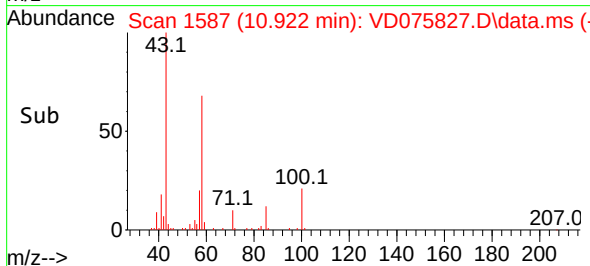
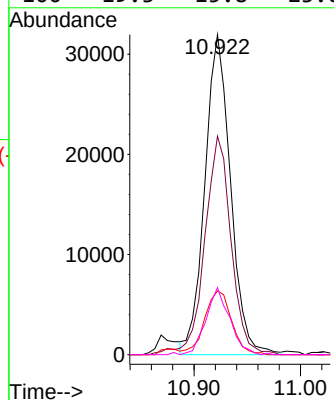


#48
2-Hexanone
Concen: 116.965 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

Instrument :
MSVOA_D
ClientSampleId :
EW925MS

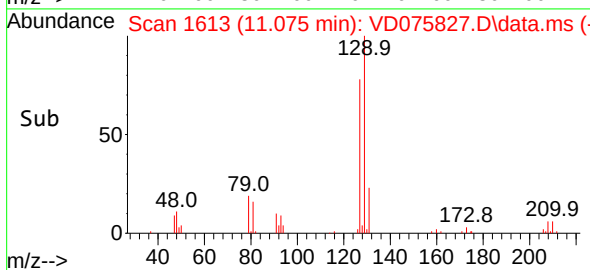
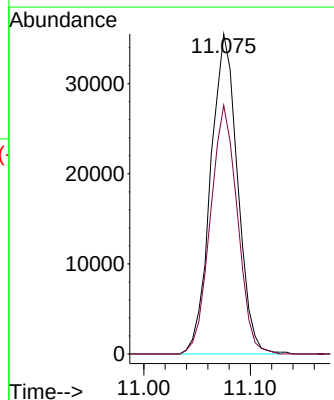
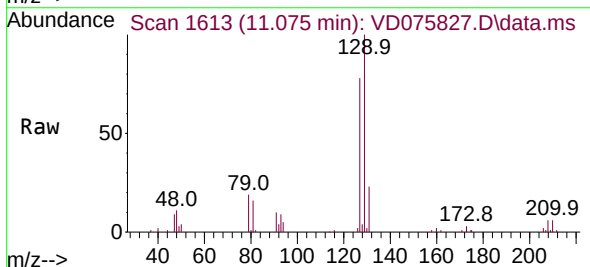


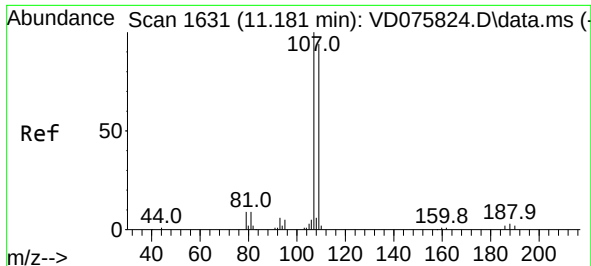
Tgt Ion:	43	Resp:	53689
Ion	Ratio	Lower	Upper
43	100		
58	68.8	59.7	89.5
57	21.0	17.9	26.9
100	19.3	15.8	23.6



#49
Dibromochloromethane
Concen: 37.663 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

Tgt Ion:	129	Resp:	62294
Ion	Ratio	Lower	Upper
129	100		
127	77.7	55.6	103.4

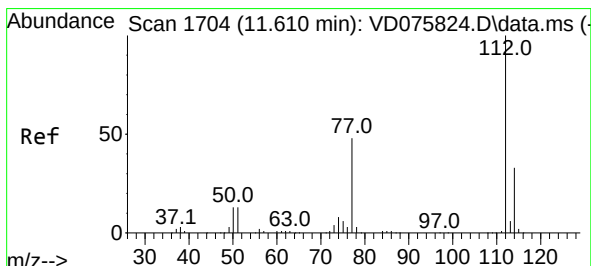
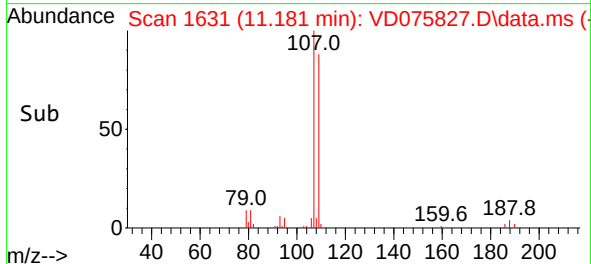
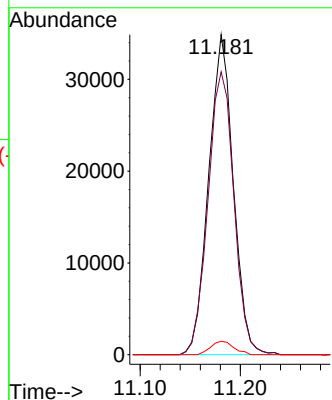
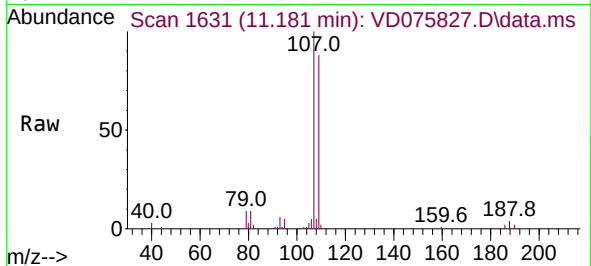




#50
1,2-Dibromoethane
Concen: 43.410 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

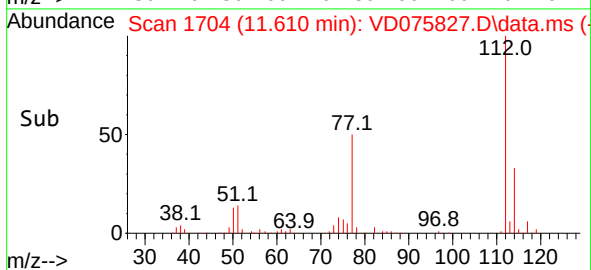
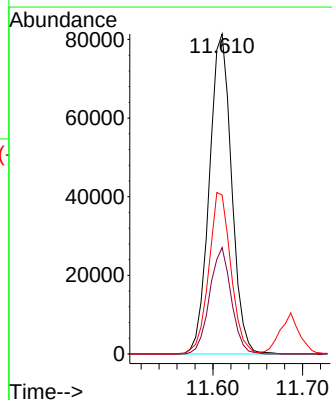
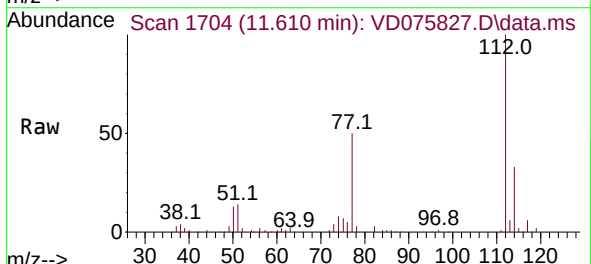
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

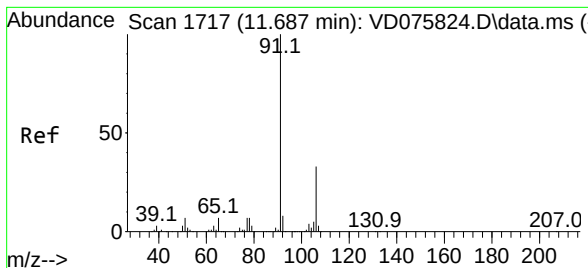
Tgt Ion:	107	Resp:	59460
Ion	Ratio	Lower	Upper
107	100		
109	88.4	67.6	125.6
188	4.2	3.0	4.6



#51
Chlorobenzene
Concen: 25.489 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

Tgt Ion:	112	Resp:	140287
Ion	Ratio	Lower	Upper
112	100		
114	33.2	23.0	42.8
77	49.6	39.7	59.5

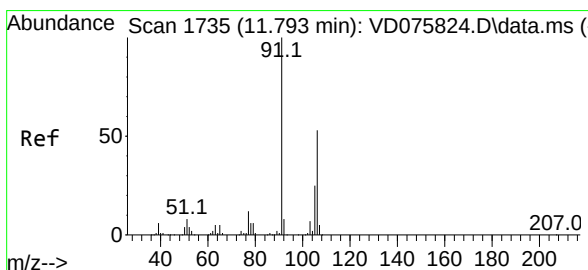
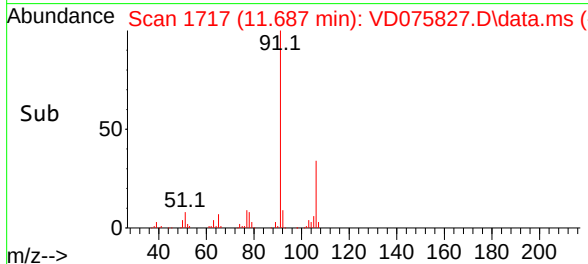
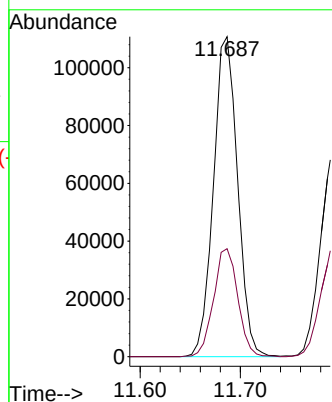
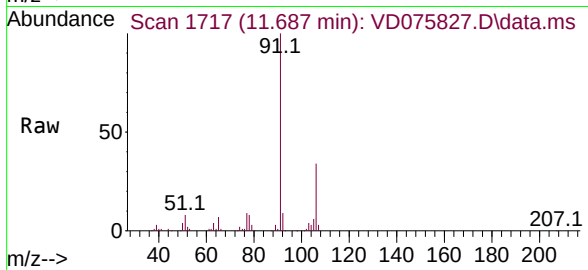




#52
Ethylbenzene
Concen: 21.490 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

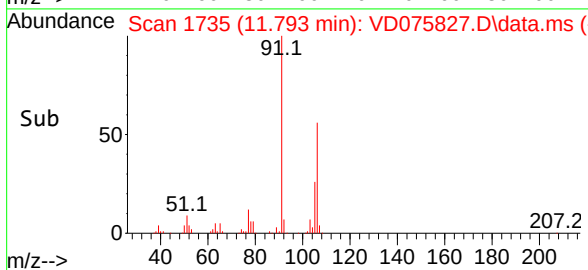
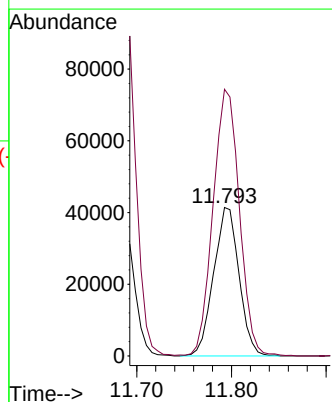
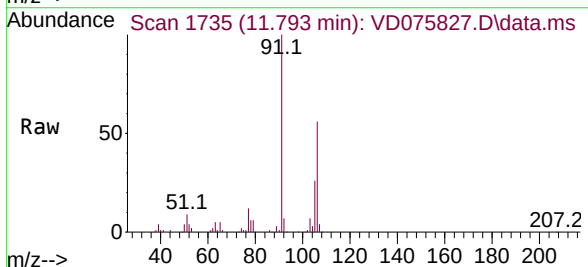
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

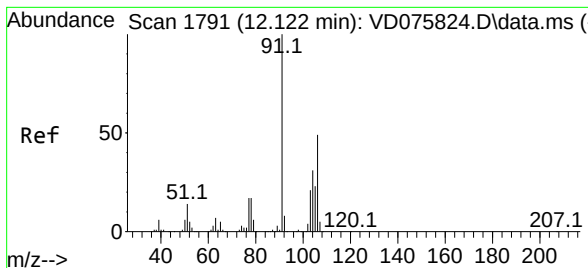
Tgt Ion: 91 Resp: 185396
Ion Ratio Lower Upper
91 100
106 33.7 23.7 43.9



#53
m,p-Xylene
Concen: 22.498 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

Tgt Ion: 106 Resp: 77286
Ion Ratio Lower Upper
106 100
91 179.6 130.9 243.1

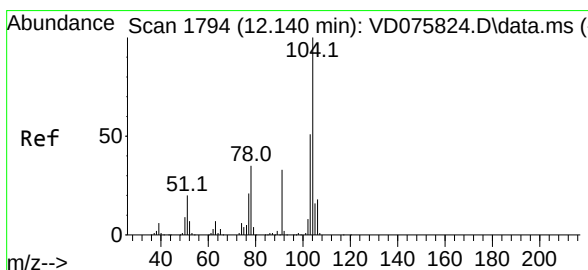
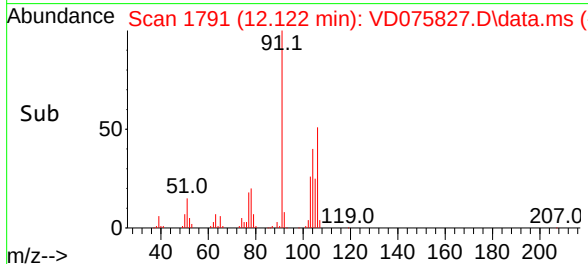
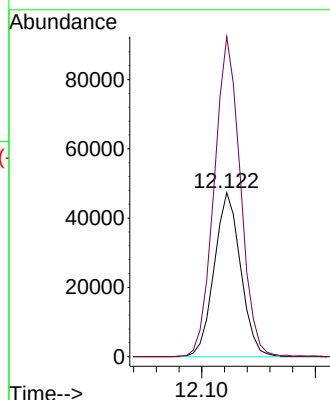
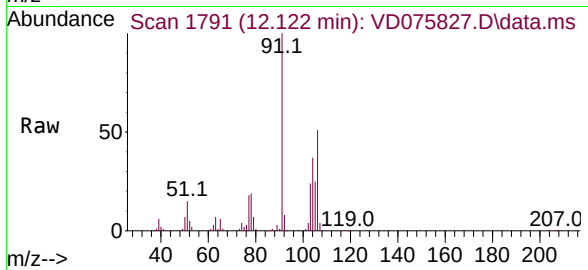




#54
o-Xylene
Concen: 23.437 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

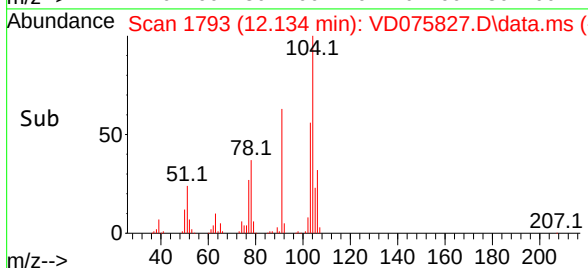
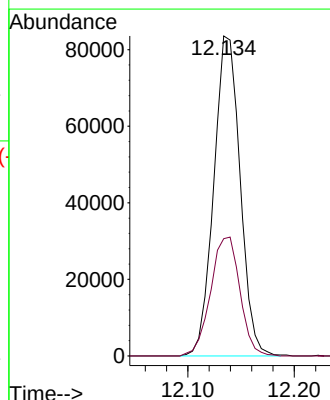
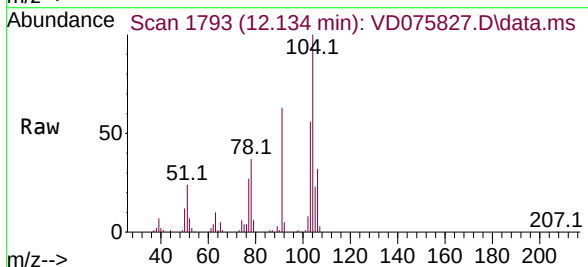
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

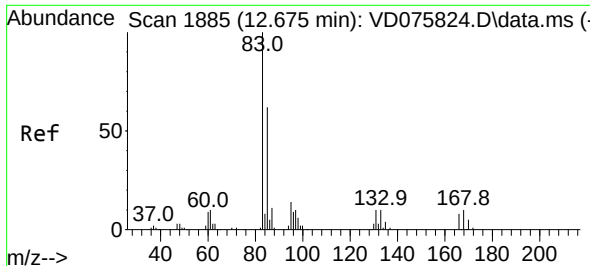
Tgt Ion:106 Resp: 76472
Ion Ratio Lower Upper
106 100
91 195.2 139.8 259.6



#55
Styrene
Concen: 25.264 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

Tgt Ion:104 Resp: 143474
Ion Ratio Lower Upper
104 100
78 36.6 26.2 48.6

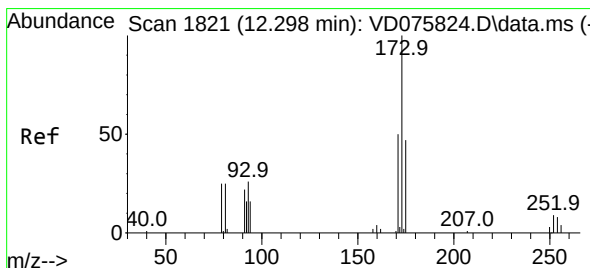
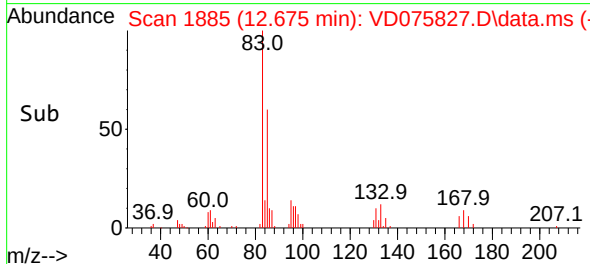
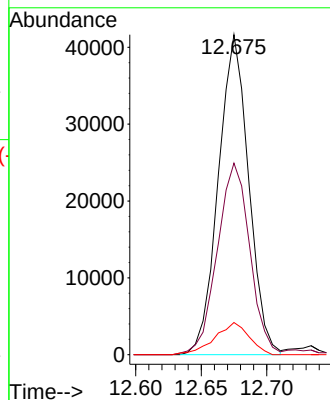
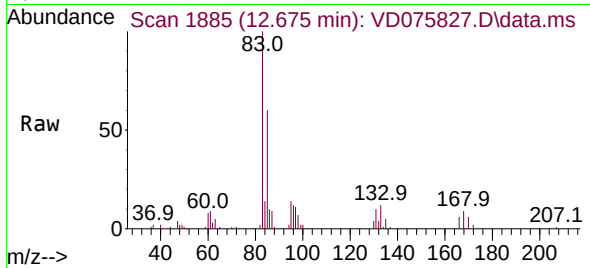




#57
1,1,2,2-Tetrachloroethane
Concen: 43.301 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

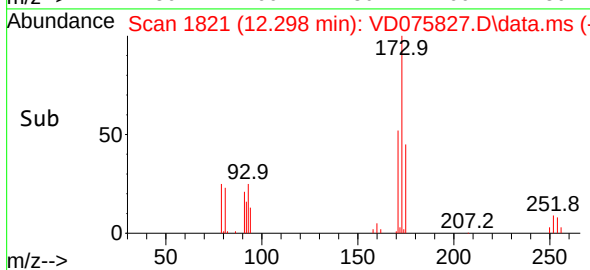
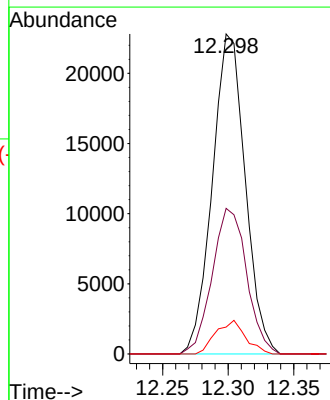
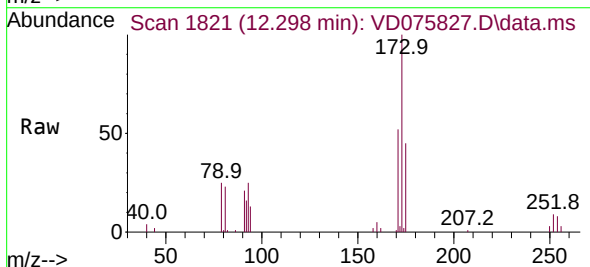
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

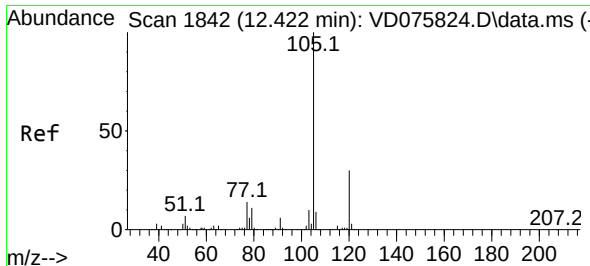
Tgt Ion: 83 Resp: 66937
Ion Ratio Lower Upper
83 100
85 59.8 45.1 83.7
131 10.1 7.0 10.6



#59
Bromoform
Concen: 48.293 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

Tgt Ion:173 Resp: 39720
Ion Ratio Lower Upper
173 100
175 47.7 39.4 59.0
254 9.5 7.4 11.2

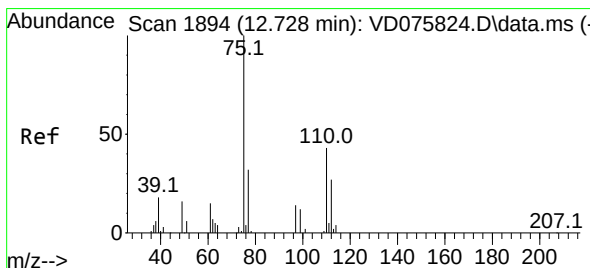
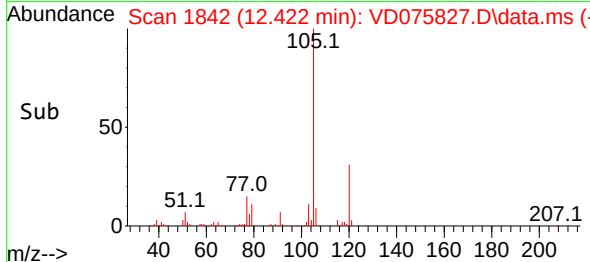
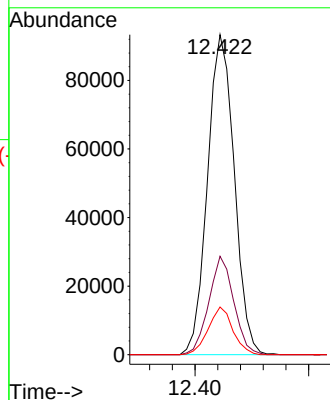
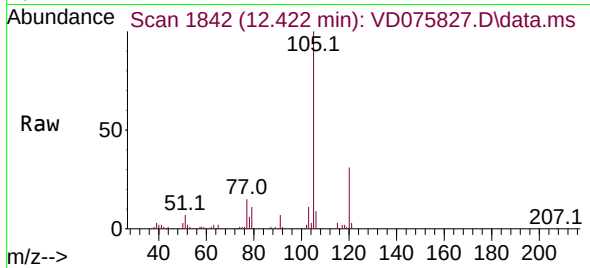




#60
Isopropylbenzene
Concen: 21.463 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

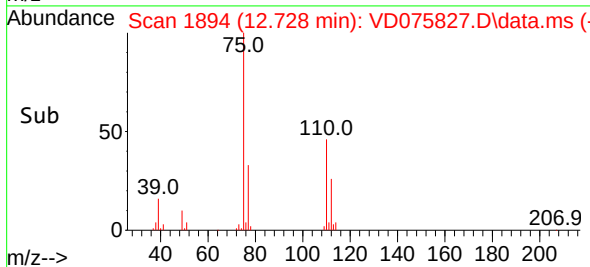
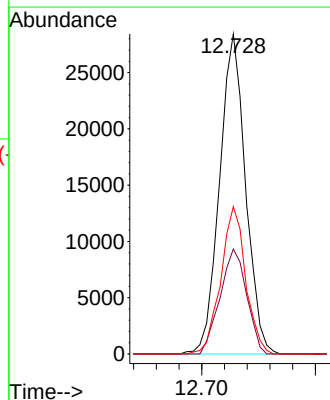
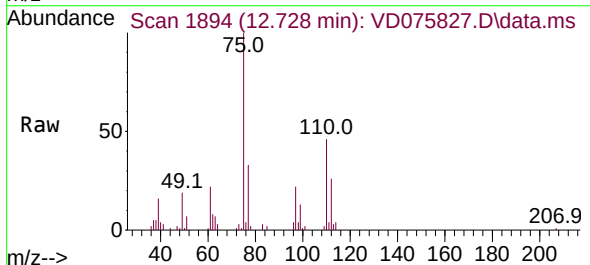
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

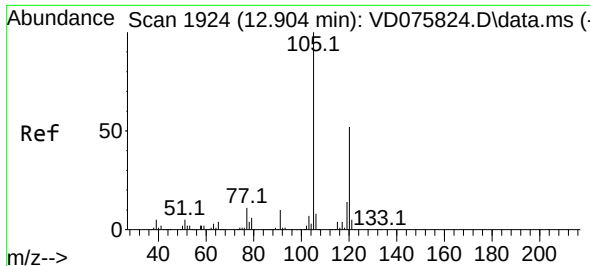
Tgt Ion:105 Resp: 152729
Ion Ratio Lower Upper
105 100
120 28.7 22.7 34.1
77 13.7 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 53.556 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

Tgt Ion: 75 Resp: 45149
Ion Ratio Lower Upper
75 100
77 33.5 26.6 39.8
110 44.0 33.5 50.3

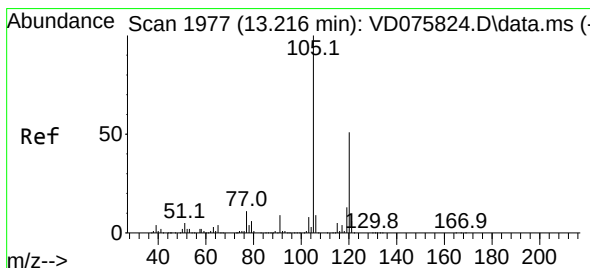
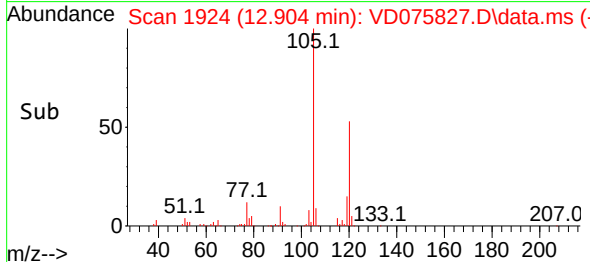
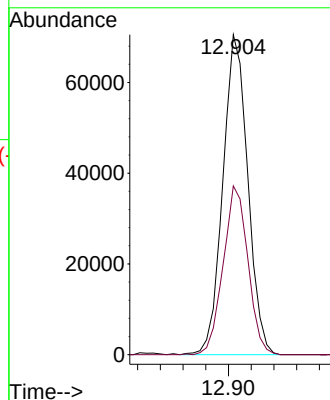
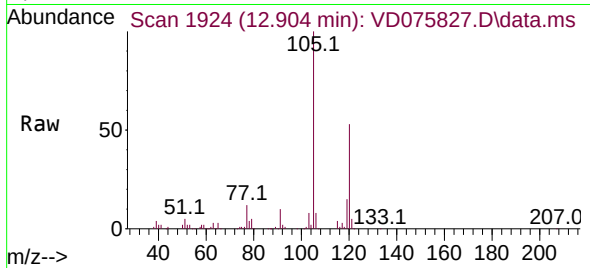




#62
1,3,5-Trimethylbenzene
Concen: 20.235 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

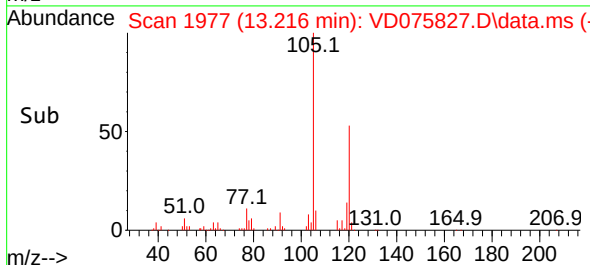
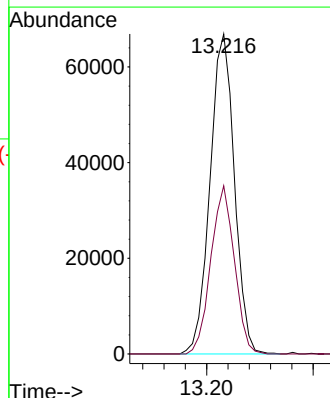
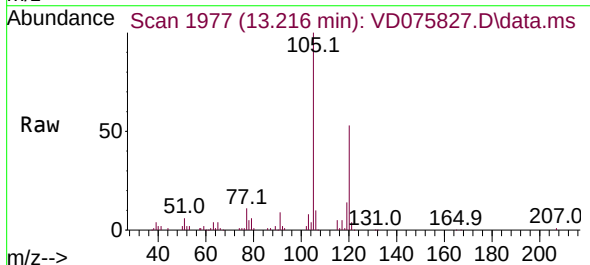
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

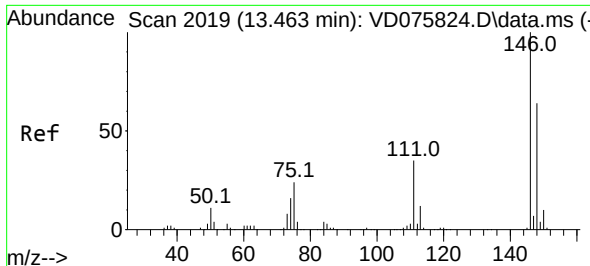
Tgt Ion:105 Resp: 107371
Ion Ratio Lower Upper
105 100
120 52.4 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 20.792 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

Tgt Ion:105 Resp: 106350
Ion Ratio Lower Upper
105 100
120 50.7 39.0 58.6

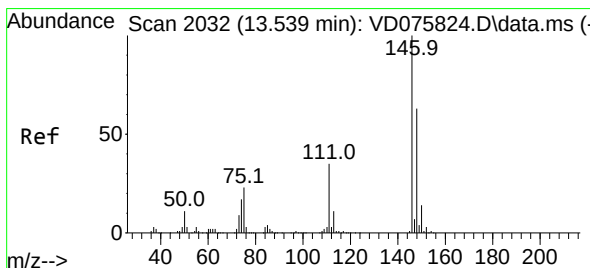
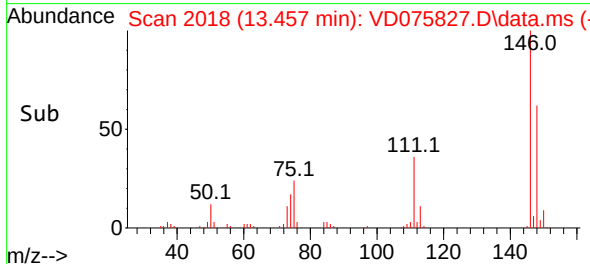
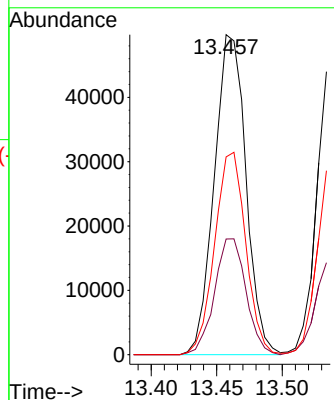
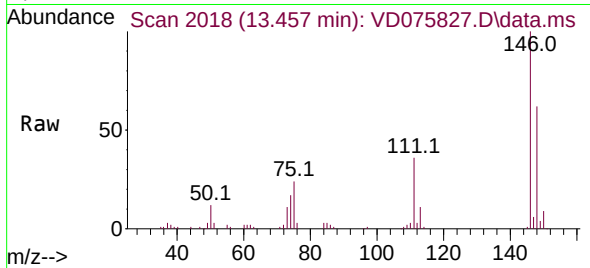




#64
1,3-Dichlorobenzene
Concen: 24.558 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

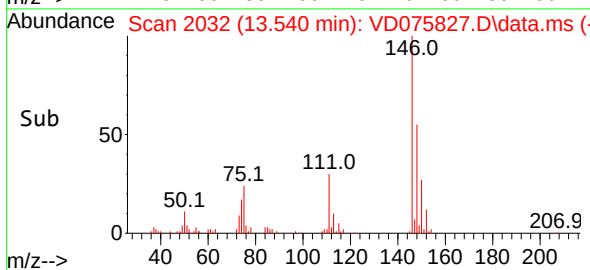
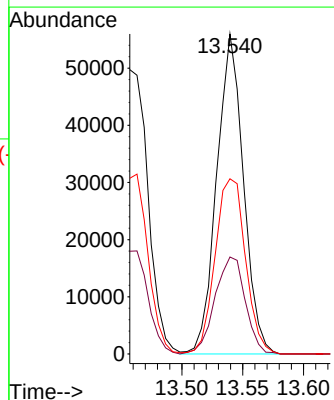
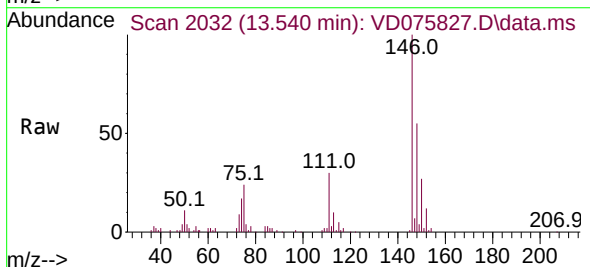
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

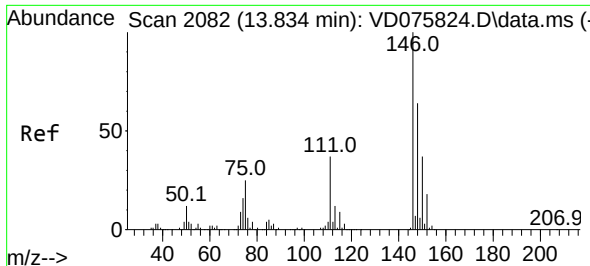
Tgt Ion:146 Resp: 83614
Ion Ratio Lower Upper
146 100
111 36.1 26.5 49.1
148 61.8 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 23.953 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075827.D
Acq: 26 Apr 2023 11:24

Tgt Ion:146 Resp: 85591
Ion Ratio Lower Upper
146 100
111 30.3 24.6 45.8
148 54.8 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.245 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075827.D

Acq: 26 Apr 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

EW925MS

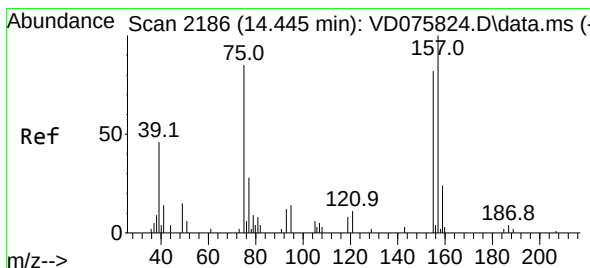
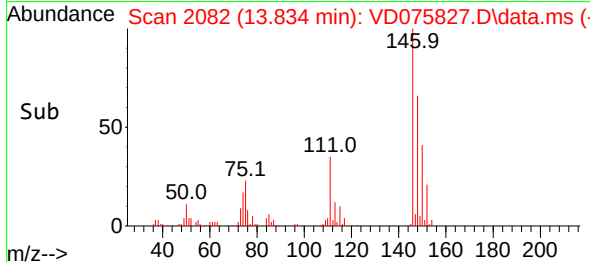
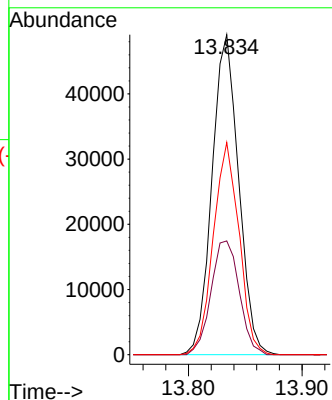
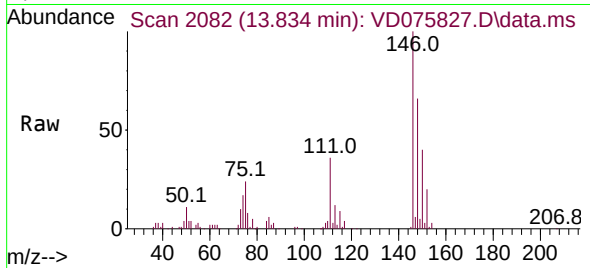
Tgt Ion:146 Resp: 79797

Ion Ratio Lower Upper

146 100

111 35.6 30.6 46.0

148 66.3 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 51.059 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075827.D

Acq: 26 Apr 2023 11:24

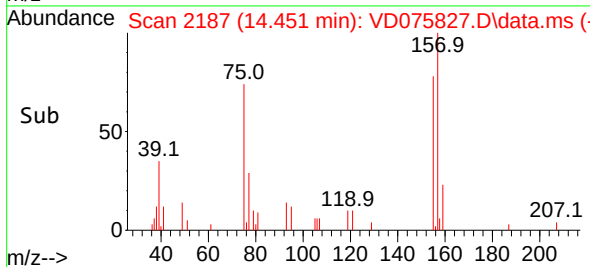
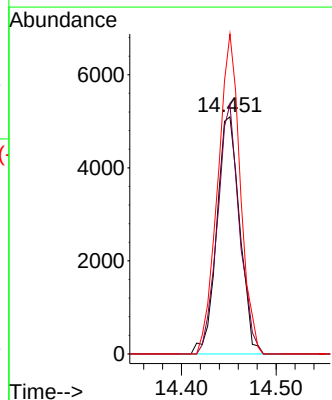
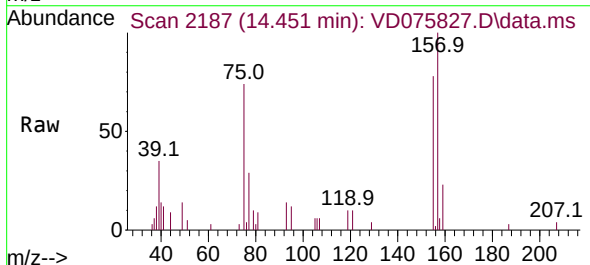
Tgt Ion: 75 Resp: 8605

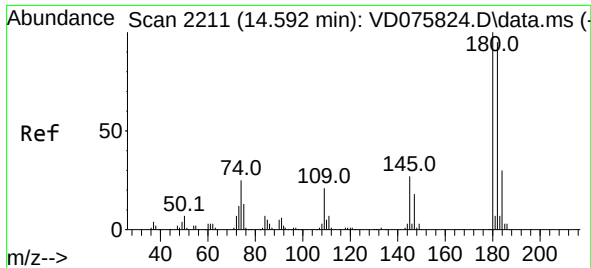
Ion Ratio Lower Upper

75 100

155 105.3 74.6 111.8

157 143.0 109.4 164.2

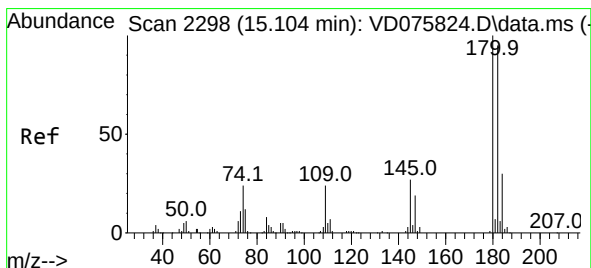
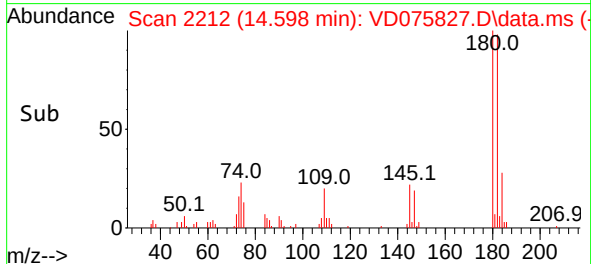
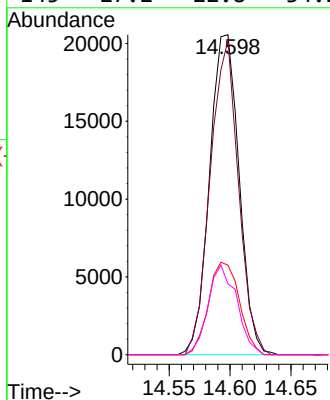
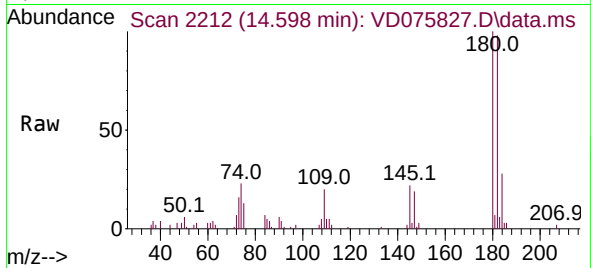




#69
 1,3,5-Trichlorobenzene
 Concen: 15.209 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD075827.D
 Acq: 26 Apr 2023 11:24

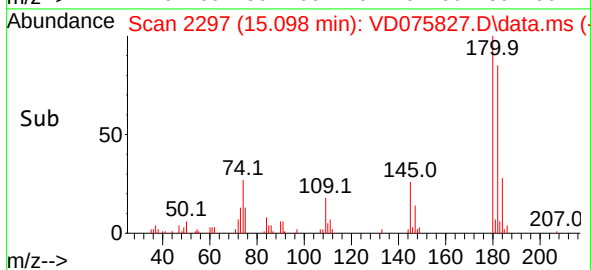
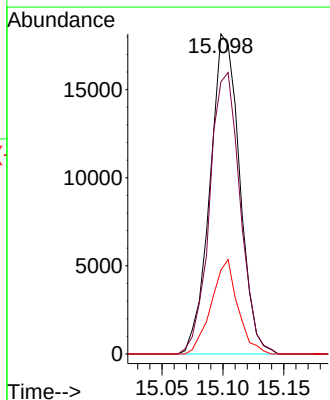
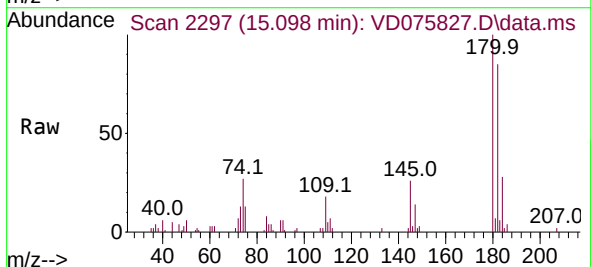
Instrument :
 MSVOA_D
 ClientSampleId :
 EW925MS

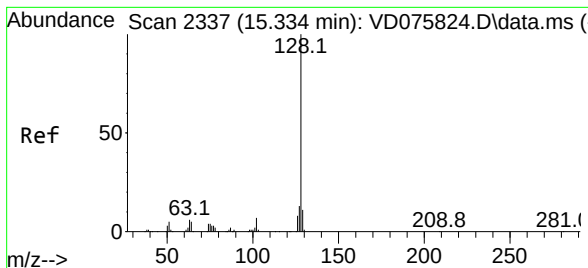
Tgt Ion:	180	Resp:	34708
Ion Ratio	Lower	Upper	
180	100		
182	93.7	74.9	112.3
184	30.2	25.0	37.4
145	27.2	22.8	34.2



#70
 1,2,4-trichlorobenzene
 Concen: 16.251 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD075827.D
 Acq: 26 Apr 2023 11:24

Tgt Ion:	180	Resp:	30734
Ion Ratio	Lower	Upper	
180	100		
182	90.3	75.4	113.2
145	26.3	23.6	35.4





#71

Naphthalene

Concen: 27.036 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075827.D

Acq: 26 Apr 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

EW925MS

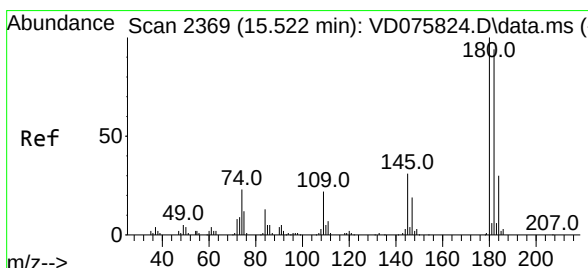
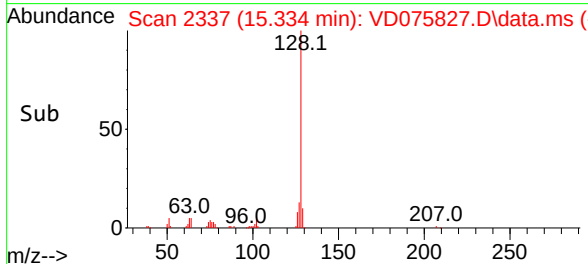
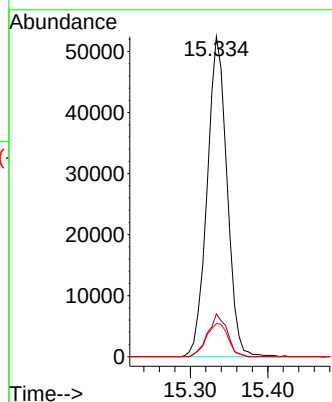
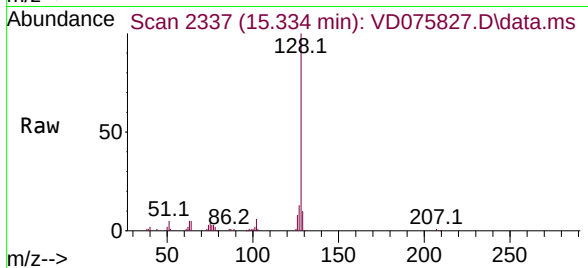
Tgt Ion:128 Resp: 93567

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.4 9.1 13.7



#72

1,2,3-Trichlorobenzene

Concen: 15.836 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD075827.D

Acq: 26 Apr 2023 11:24

Tgt Ion:180 Resp: 26733

Ion Ratio Lower Upper

180 100

182 97.7 76.3 114.5

145 29.9 25.0 37.6

