

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
 Data File : VD075828.D
 Acq On : 26 Apr 2023 11:52
 Operator : KP/SY
 Sample : 02419-12MSD
 Misc : 4.67G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW925MSD

Quant Time: Apr 27 01:25:28 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	304249	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	243979	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	96610	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	177557	26.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.400%
7) Chloroethane-d5	2.805	69	148947	25.828	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.320%
11) 1,1-Dichloroethene-d2	3.916	65	37955	24.666	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.680%
21) 2-Butanone-d5	6.987	46	32383	55.888	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.780%
24) Chloroform-d	7.569	84	205490	27.009	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.040%
26) 1,2-Dichloroethane-d4	8.234	65	88879	27.355	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.440%
32) Benzene-d6	8.204	84	420716	29.586	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.360%
36) 1,2-Dichloropropane-d6	9.210	67	115140	29.253	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.000%
41) Toluene-d8	10.269	98	367645	27.616	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.480%
43) trans-1,3-Dichloroprop...	10.528	79	45208	27.788	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.160%
47) 2-Hexanone-d5	10.875	63	27120	57.225	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.440%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	78470	26.053	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	13.816	152	85634	25.060	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	117852	28.098	ug/L	97
3) Chloromethane	2.146	50	157935	27.012	ug/L	97
5) Vinyl chloride	2.287	62	205515	26.894	ug/L	96
6) Bromomethane	2.699	94	141798	27.615	ug/L	98
8) Chloroethane	2.840	64	129465	26.196	ug/L	99
9) Trichlorofluoromethane	3.181	101	157349	25.627	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	105245	25.514	ug/L	96
12) 1,1-Dichloroethene	3.946	96	105290	26.320	ug/L	84
13) Acetone	4.022	43	43148	87.018	ug/L	90
14) Carbon disulfide	4.275	76	346407	24.792	ug/L	98
15) Methyl Acetate	4.558	43	29072	27.053	ug/L #	59
16) Methylene chloride	4.799	84	146505	23.737	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	116025	25.866	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	201908	28.061	ug/L	99
19) 1,1-Dichloroethane	6.110	63	181153	27.568	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	122792	25.889	ug/L	97
22) 2-Butanone	7.087	43	38533	59.608	ug/L	96
23) Bromochloromethane	7.428	128	60889	27.681	ug/L	96
25) Chloroform	7.599	83	193547	26.280	ug/L	100

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 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 01:23:50 2023
 Response via : Initial Calibration

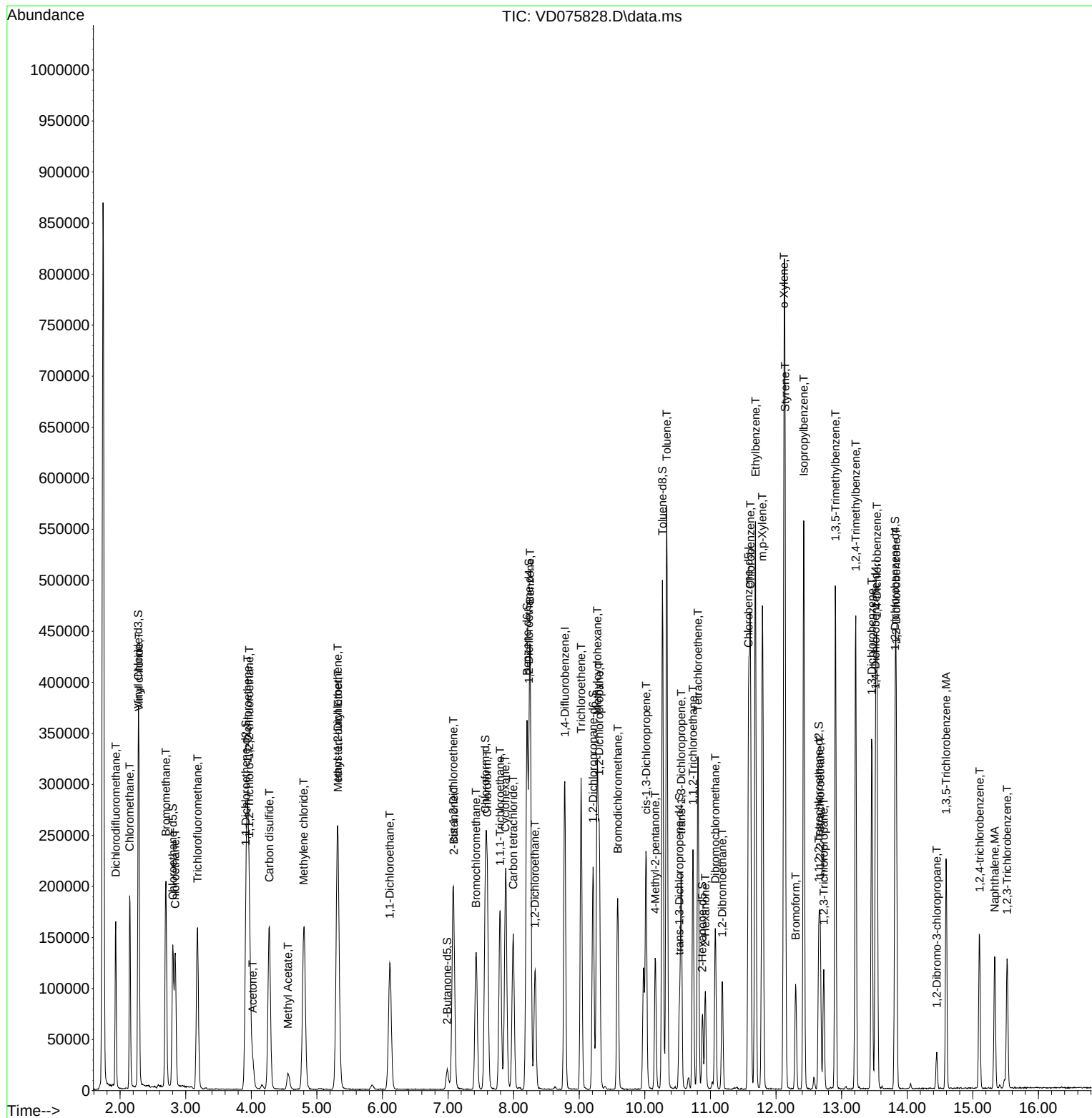
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	104914	27.598	ug/L	99
29) Cyclohexane	7.875	56	114296	27.365	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	151147	29.281	ug/L	99
31) Carbon tetrachloride	7.993	117	116735	28.187	ug/L	98
33) Benzene	8.252	78	439987	29.814	ug/L	100
34) Trichloroethene	9.028	95	104820	27.465	ug/L	94
35) Methylcyclohexane	9.275	83	144081	24.486	ug/L	99
37) 1,2-Dichloropropane	9.304	63	102772	30.316	ug/L	98
38) Bromodichloromethane	9.587	83	133050	29.108	ug/L	100
39) cis-1,3-Dichloropropene	10.022	75	152500	28.286	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	76693	62.050	ug/L	98
42) Toluene	10.334	91	460824	28.855	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	122934	28.384	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	82258	28.522	ug/L	95
46) Tetrachloroethene	10.810	164	81750	26.115	ug/L	97
48) 2-Hexanone	10.922	43	53824	61.771	ug/L	95
49) Dibromochloromethane	11.075	129	89820	28.608	ug/L	95
50) 1,2-Dibromoethane	11.181	107	72088	27.725	ug/L	99
51) Chlorobenzene	11.610	112	271600	25.996	ug/L	99
52) Ethylbenzene	11.687	91	417434	25.489	ug/L	98
53) m,p-Xylene	11.793	106	172458	26.446	ug/L	95
54) o-Xylene	12.122	106	159966	25.827	ug/L	100
55) Styrene	12.140	104	281434	26.107	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	76887	26.202	ug/L	97
59) Bromoform	12.298	173	48670	32.871	ug/L	100
60) Isopropylbenzene	12.422	105	381068	29.747	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	49629	32.701	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	267770	28.032	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	254596	27.649	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	162157	26.456	ug/L	95
65) 1,4-Dichlorobenzene	13.539	146	167232	25.997	ug/L	94
67) 1,2-Dichlorobenzene	13.834	146	144124	26.331	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.451	75	9052	29.836	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.592	180	74191	18.059	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	53423	15.692	ug/L	98
71) Naphthalene	15.334	128	122195	19.613	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	47587	15.659	ug/L	97

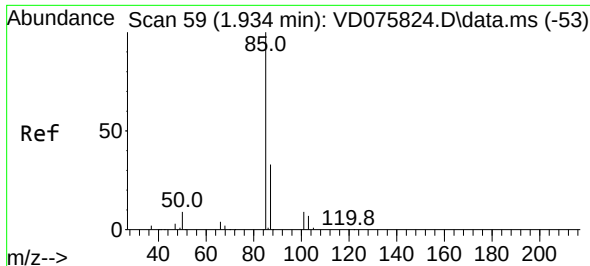
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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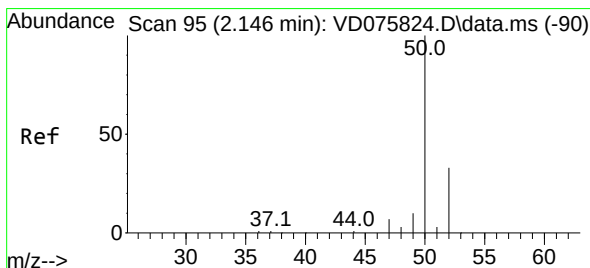
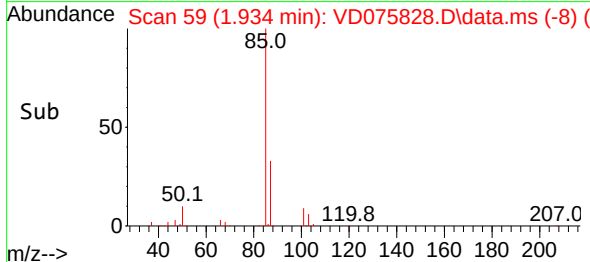
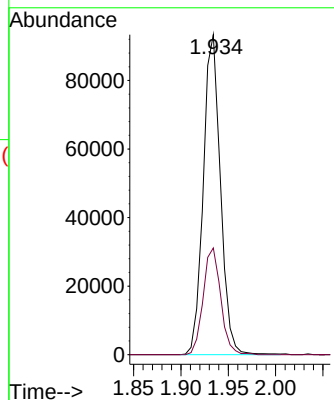
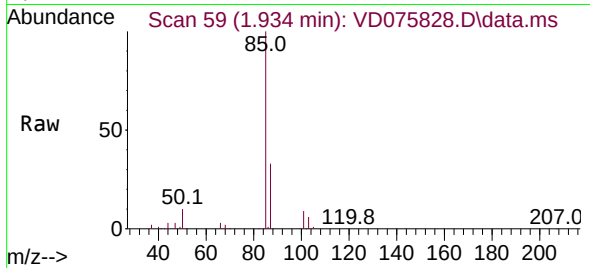




#2
 Dichlorodifluoromethane
 Concen: 28.098 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075828.D
 Acq: 26 Apr 2023 11:52

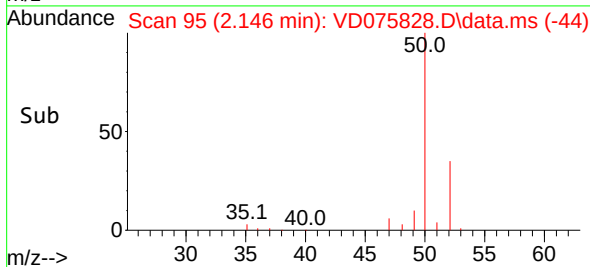
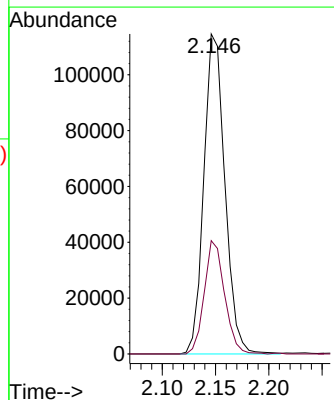
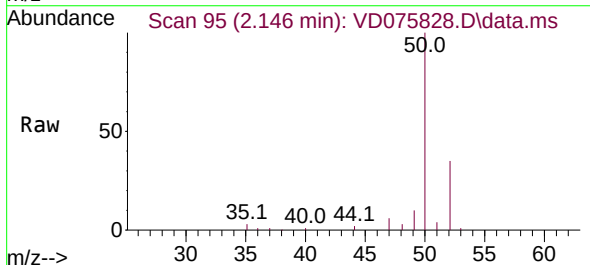
Instrument :
 MSVOA_D
 ClientSampleId :
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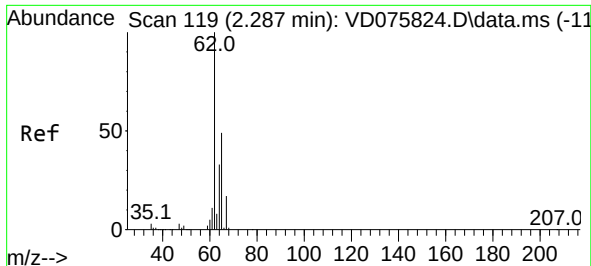
Tgt Ion: 85 Resp: 117852
 Ion Ratio Lower Upper
 85 100
 87 33.9 25.8 38.8



#3
 Chloromethane
 Concen: 27.012 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD075828.D
 Acq: 26 Apr 2023 11:52

Tgt Ion: 50 Resp: 157935
 Ion Ratio Lower Upper
 50 100
 52 35.4 23.7 44.1

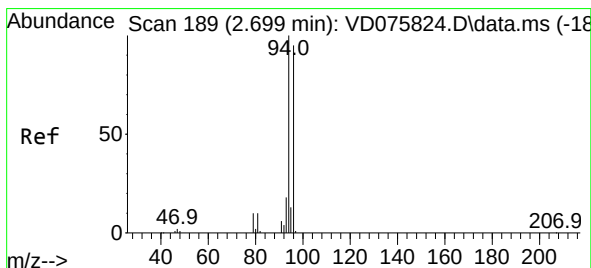
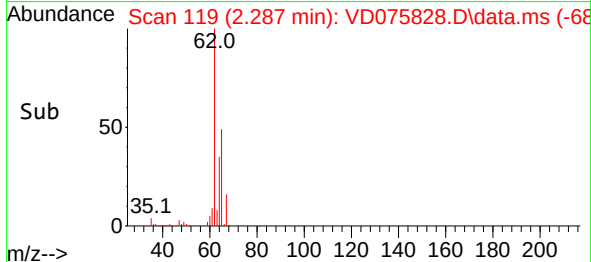
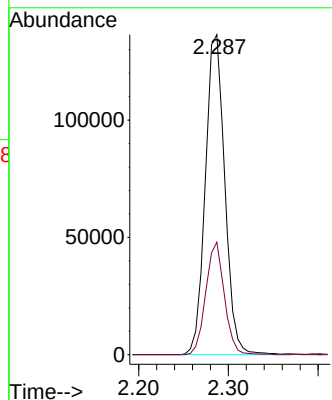
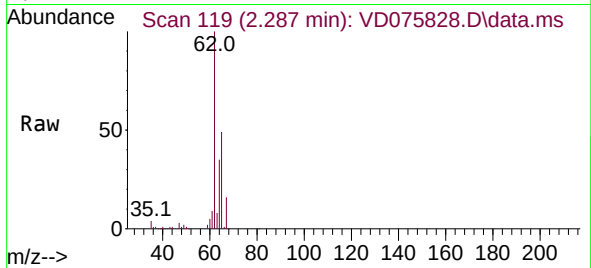




#5
 Vinyl chloride
 Concen: 26.894 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075828.D
 Acq: 26 Apr 2023 11:52

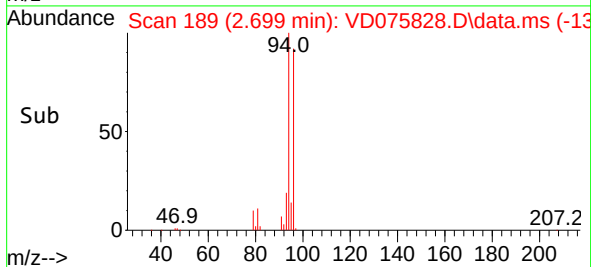
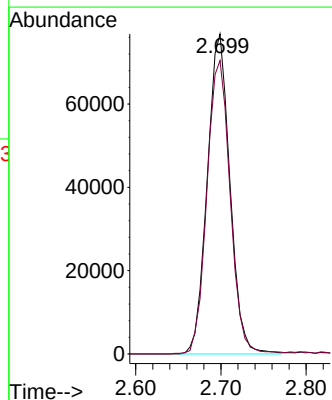
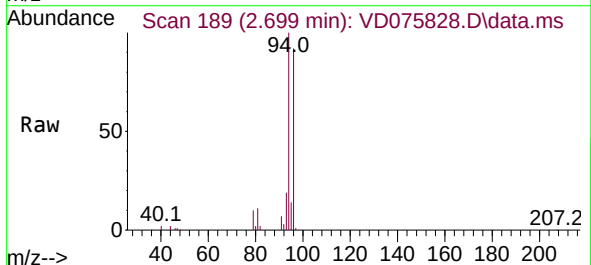
Instrument :
 MSVOA_D
 ClientSampleId :
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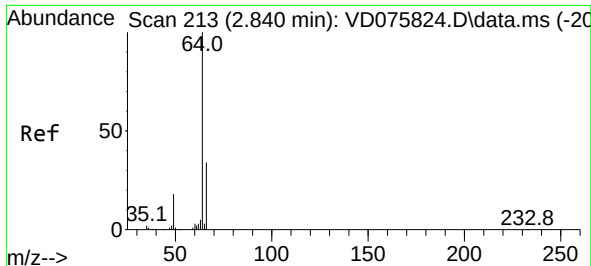
Tgt Ion: 62 Resp: 205515
 Ion Ratio Lower Upper
 62 100
 64 35.2 23.2 43.0



#6
 Bromomethane
 Concen: 27.615 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD075828.D
 Acq: 26 Apr 2023 11:52

Tgt Ion: 94 Resp: 141798
 Ion Ratio Lower Upper
 94 100
 96 91.7 65.7 121.9

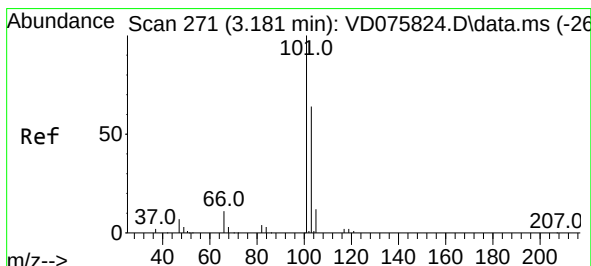
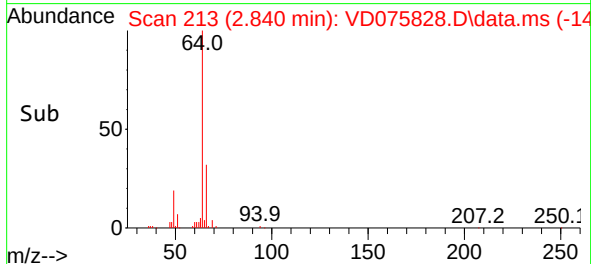
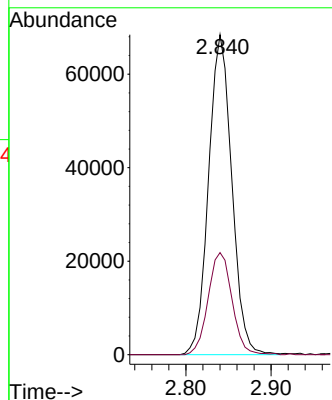
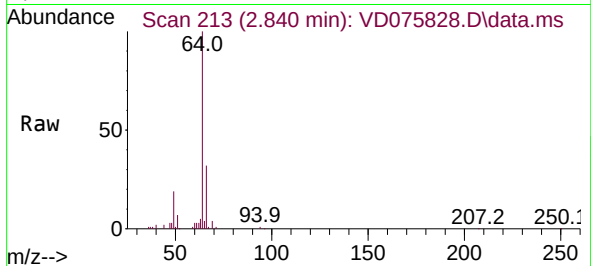




#8
Chloroethane
Concen: 26.196 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

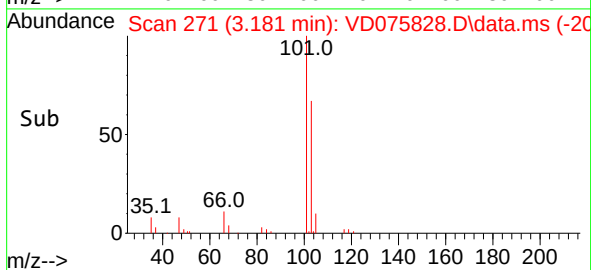
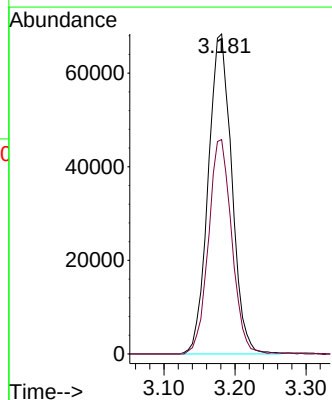
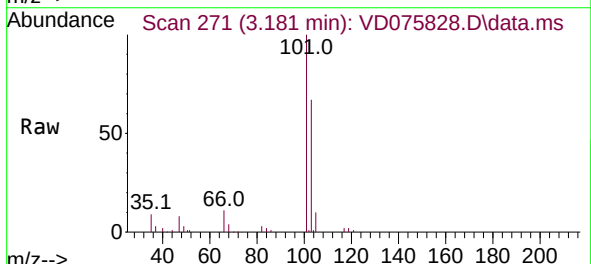
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

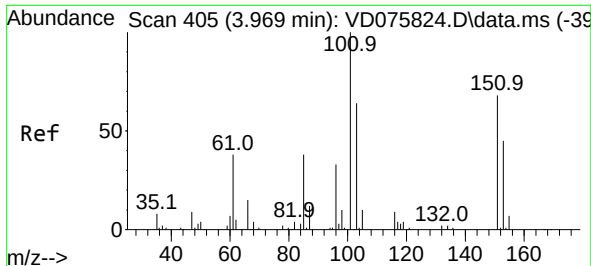
Tgt Ion: 64 Resp: 129465
Ion Ratio Lower Upper
64 100
66 31.9 21.8 40.4



#9
Trichlorofluoromethane
Concen: 25.627 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

Tgt Ion:101 Resp: 157349
Ion Ratio Lower Upper
101 100
103 66.1 52.2 78.4

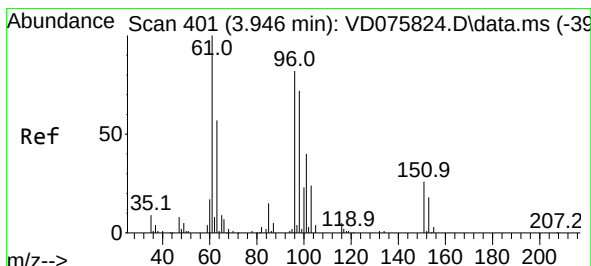
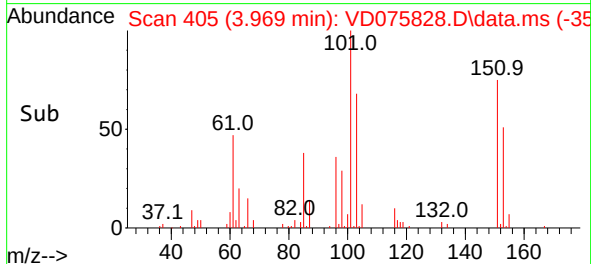
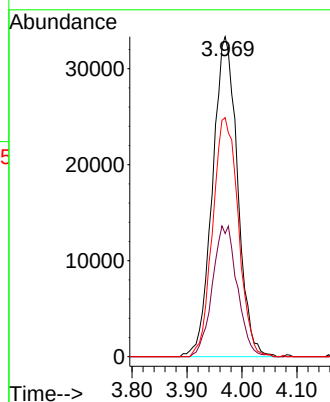
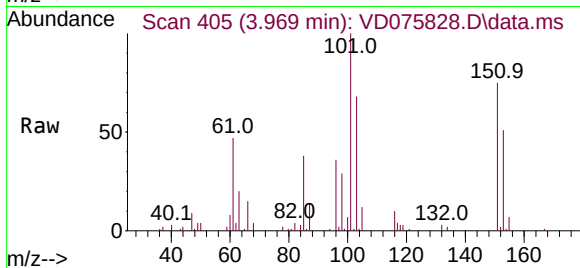




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.514 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075828.D
 Acq: 26 Apr 2023 11:52

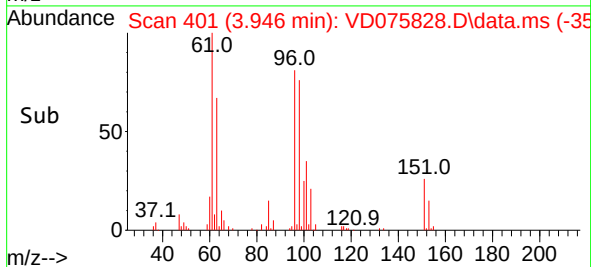
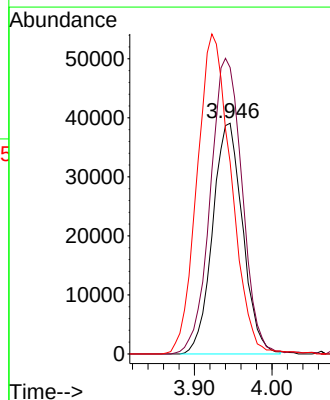
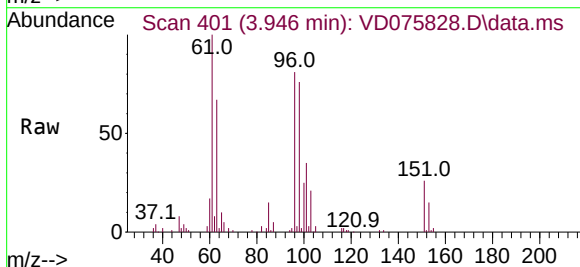
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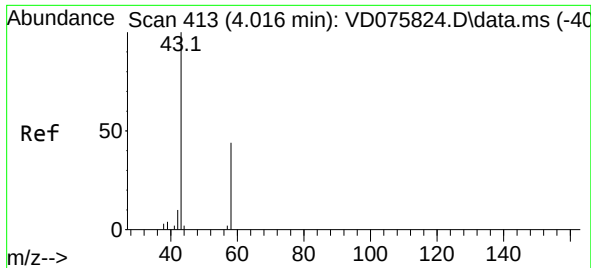
Tgt Ion:101 Resp: 105245
 Ion Ratio Lower Upper
 101 100
 85 40.6 32.9 49.3
 151 76.3 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 26.320 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VD075828.D
 Acq: 26 Apr 2023 11:52

Tgt Ion: 96 Resp: 105290
 Ion Ratio Lower Upper
 96 100
 61 124.1 92.6 172.0
 63 83.1 77.4 143.8





#13

Acetone

Concen: 87.018 ug/L

RT: 4.022 min Scan# 413

Delta R.T. 0.006 min

Lab File: VD075828.D

Acq: 26 Apr 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

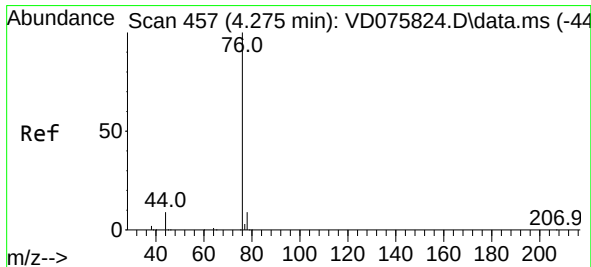
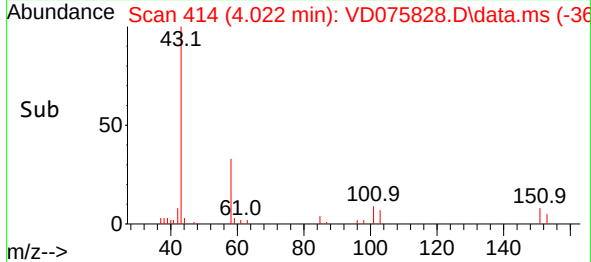
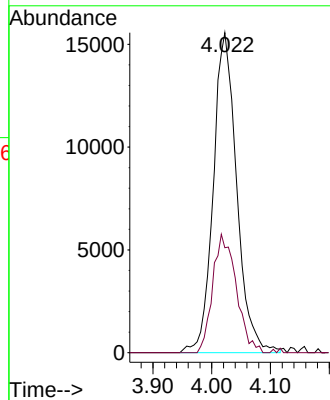
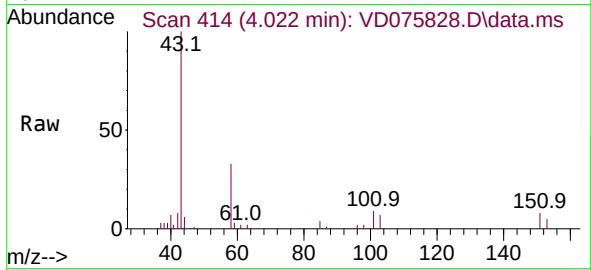
EW925MSD

Tgt Ion: 43 Resp: 43148

Ion Ratio Lower Upper

43 100

58 37.1 0.0 87.4



#14

Carbon disulfide

Concen: 24.792 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD075828.D

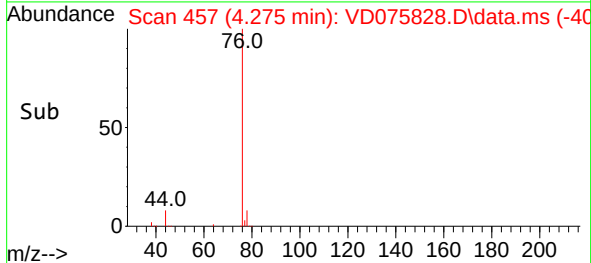
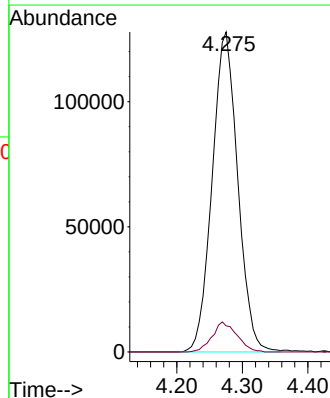
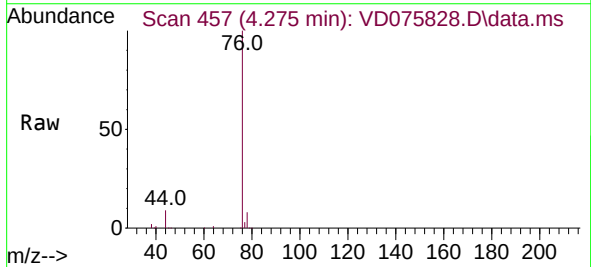
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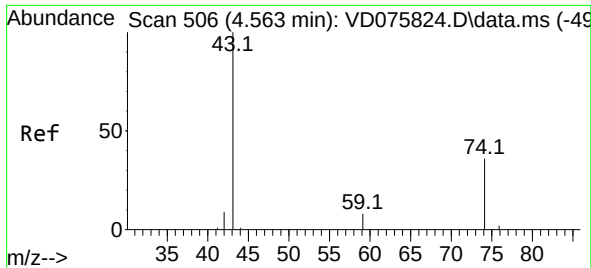
Tgt Ion: 76 Resp: 346407

Ion Ratio Lower Upper

76 100

78 8.2 7.0 10.6

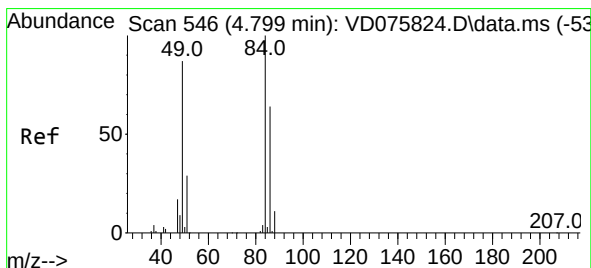
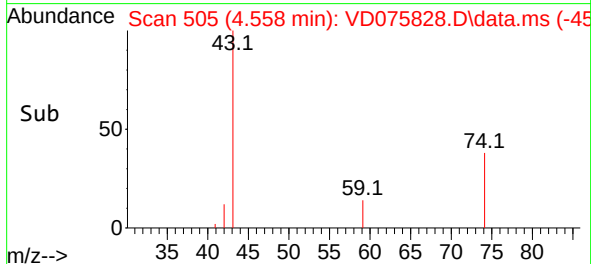
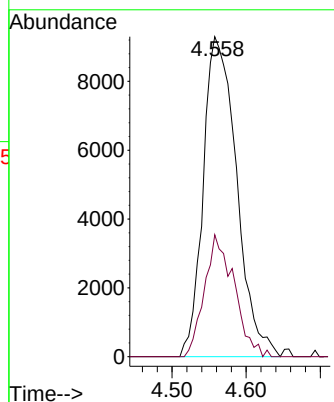
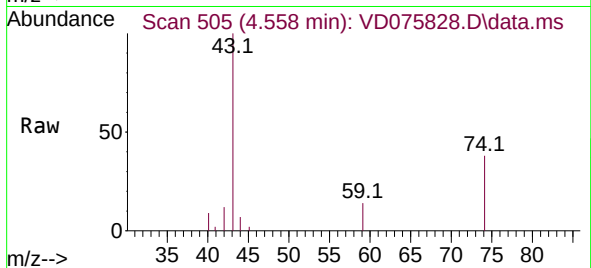




#15
Methyl Acetate
Concen: 27.053 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

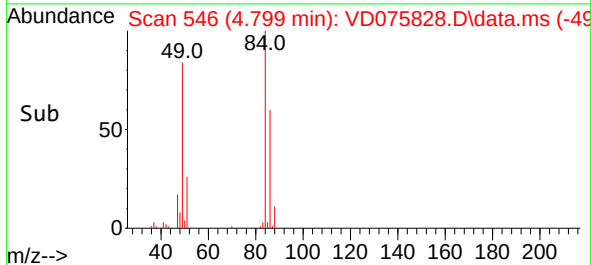
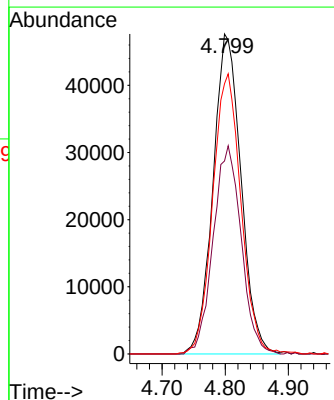
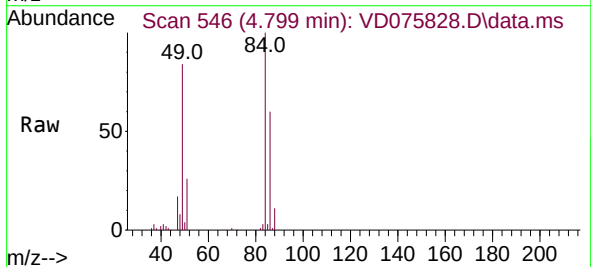
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

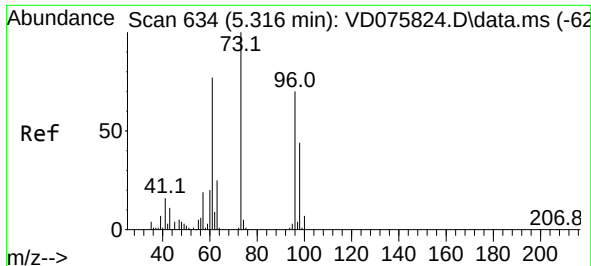
Tgt Ion: 43 Resp: 29072
Ion Ratio Lower Upper
43 100
74 33.6 12.8 19.2#



#16
Methylene chloride
Concen: 23.737 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

Tgt Ion: 84 Resp: 146505
Ion Ratio Lower Upper
84 100
86 60.3 45.8 85.2
49 84.4 60.8 112.8

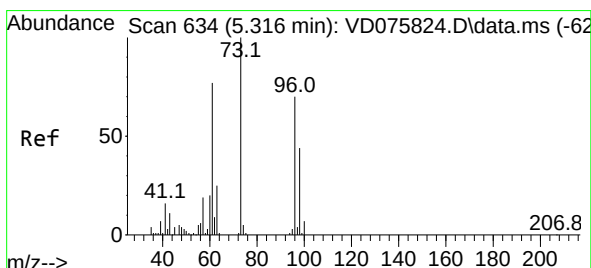
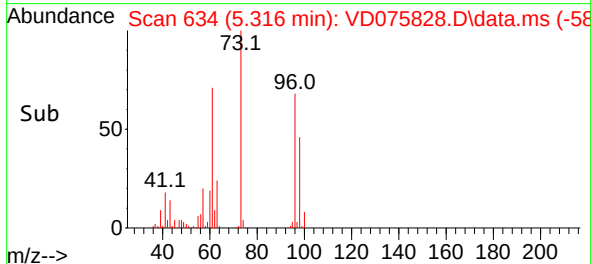
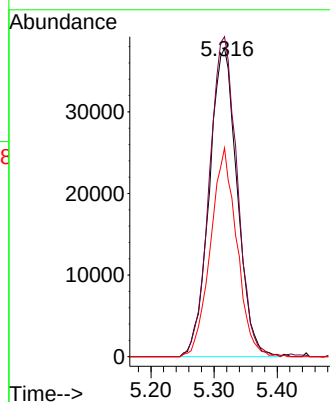
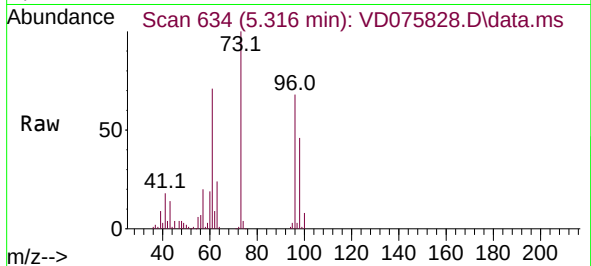




#17
trans-1,2-Dichloroethene
Concen: 25.866 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

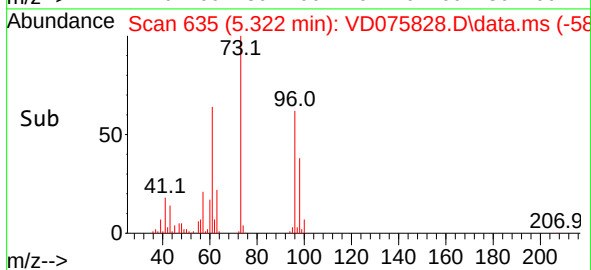
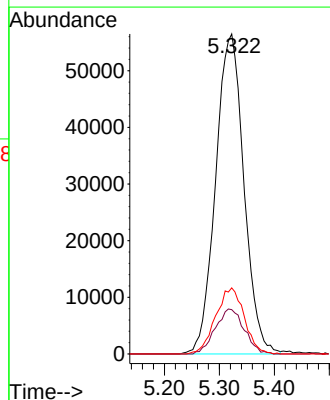
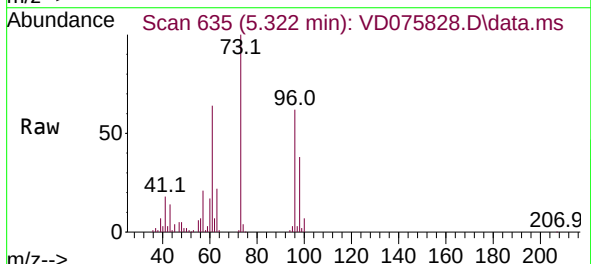
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

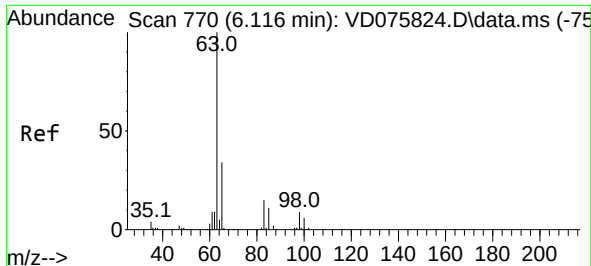
Tgt Ion: 96 Resp: 116025
Ion Ratio Lower Upper
96 100
61 103.7 72.9 135.5
98 67.6 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 28.061 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

Tgt Ion: 73 Resp: 201908
Ion Ratio Lower Upper
73 100
43 14.2 11.3 16.9
57 20.8 16.3 24.5





#19

1,1-Dichloroethane

Concen: 27.568 ug/L

RT: 6.110 min Scan# 71

Delta R.T. -0.006 min

Lab File: VD075828.D

Acq: 26 Apr 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

EW925MSD

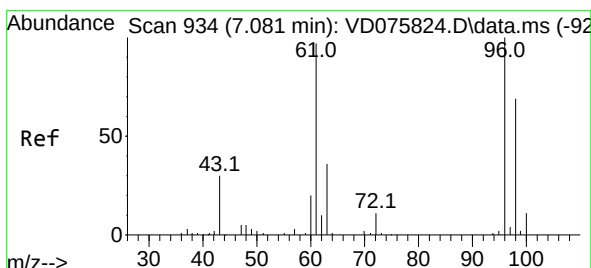
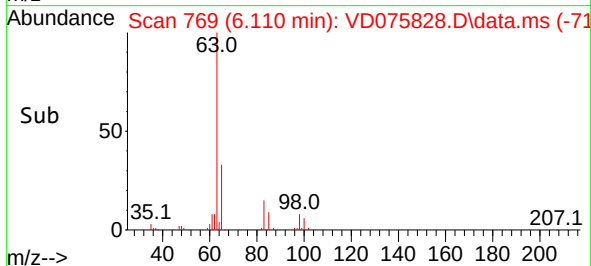
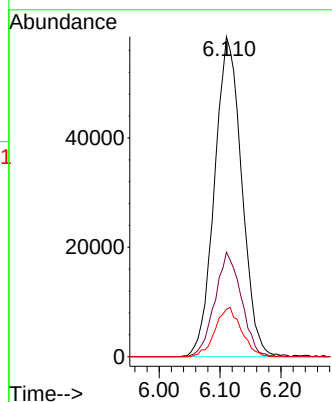
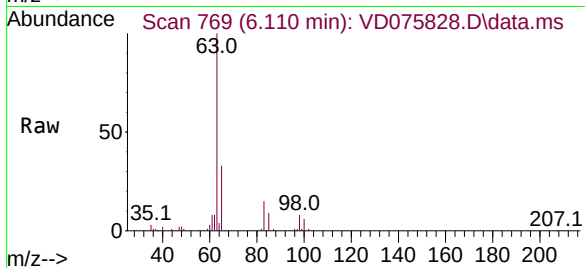
Tgt Ion: 63 Resp: 181153

Ion Ratio Lower Upper

63 100

65 32.6 22.8 42.4

83 14.8 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 25.889 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD075828.D

Acq: 26 Apr 2023 11:52

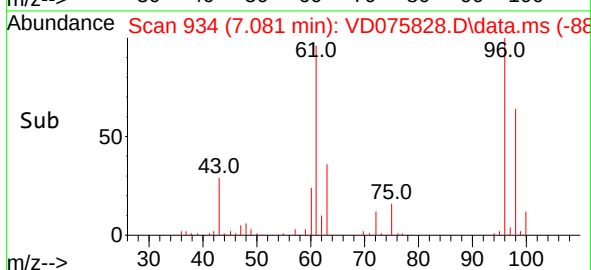
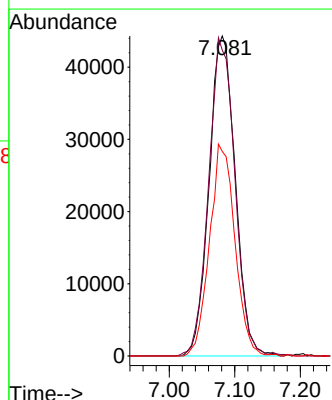
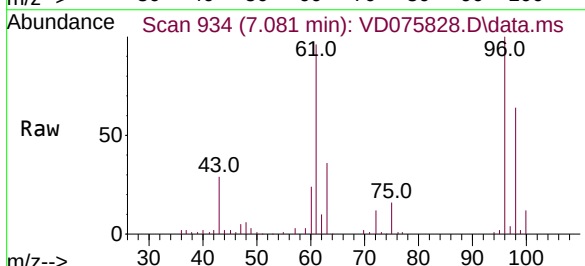
Tgt Ion: 96 Resp: 122792

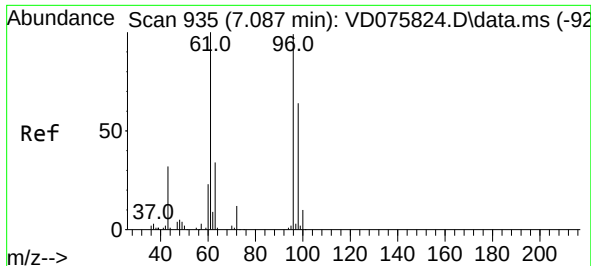
Ion Ratio Lower Upper

96 100

61 95.5 67.5 125.3

98 63.9 47.5 88.1

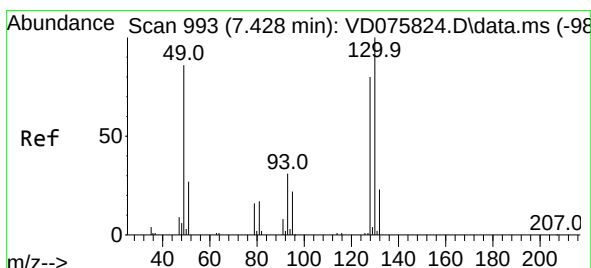
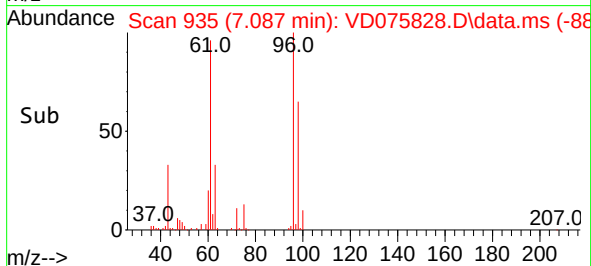
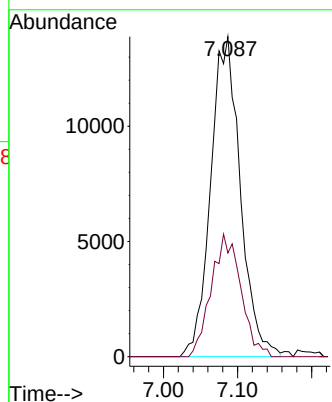
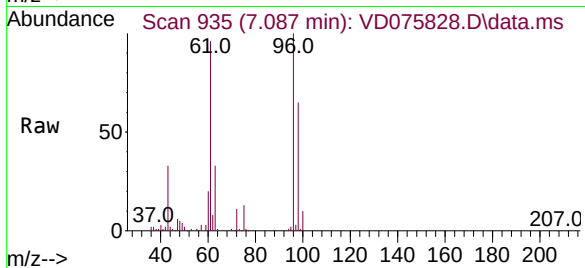




#22
2-Butanone
Concen: 59.608 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

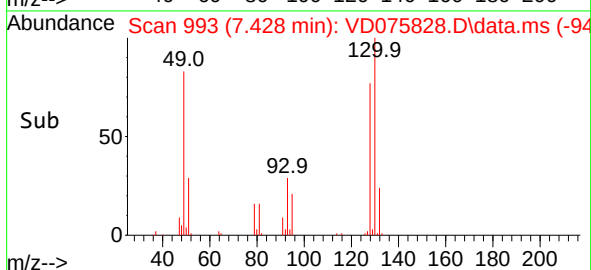
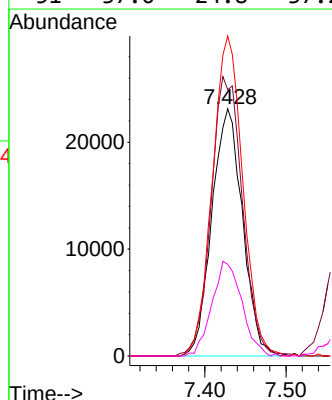
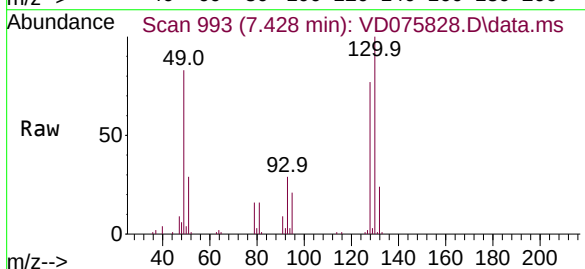
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

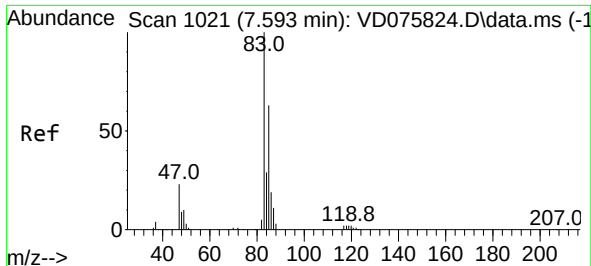
Tgt Ion: 43 Resp: 38533
Ion Ratio Lower Upper
43 100
72 38.3 20.5 61.5



#23
Bromochloromethane
Concen: 27.681 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

Tgt Ion: 128 Resp: 60889
Ion Ratio Lower Upper
128 100
49 107.7 76.4 142.0
130 129.4 93.5 173.7
51 37.0 24.8 37.2





#25

Chloroform

Concen: 26.280 ug/L

RT: 7.599 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD075828.D

Acq: 26 Apr 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

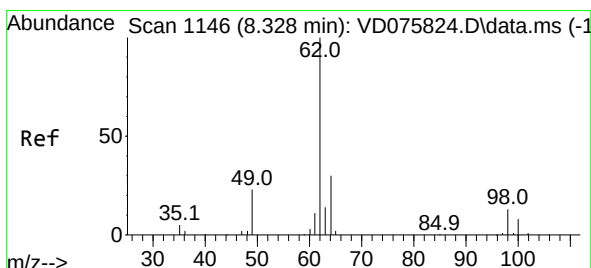
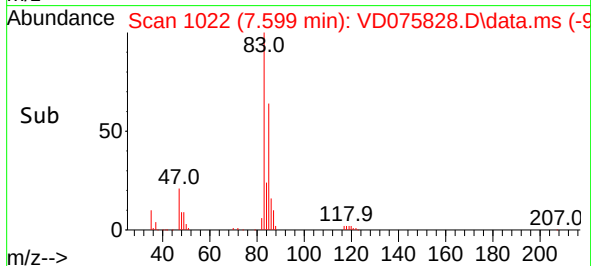
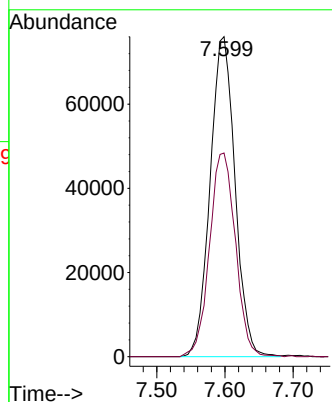
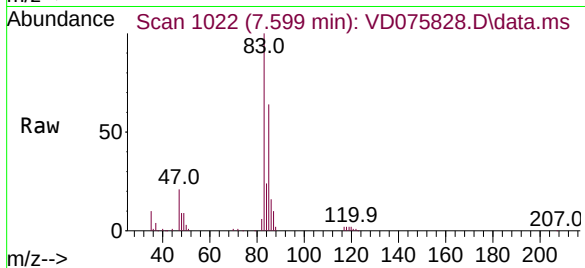
EW925MSD

Tgt Ion: 83 Resp: 193547

Ion Ratio Lower Upper

83 100

85 63.6 44.4 82.5



#27

1,2-Dichloroethane

Concen: 27.598 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD075828.D

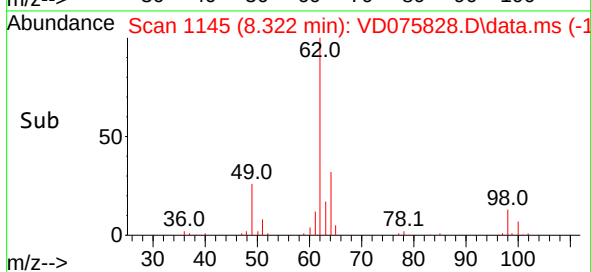
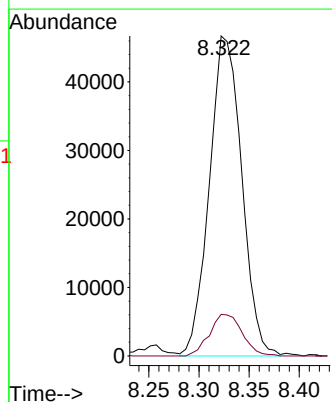
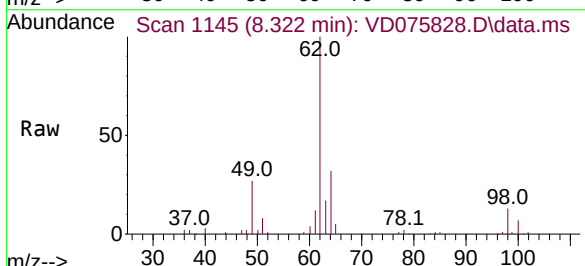
Acq: 26 Apr 2023 11:52

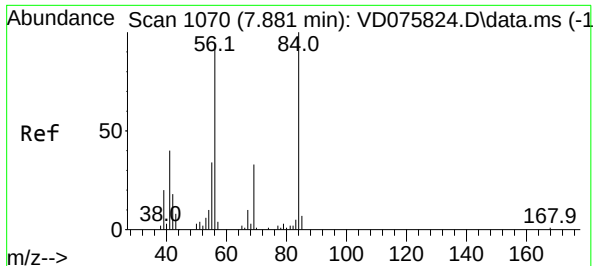
Tgt Ion: 62 Resp: 104914

Ion Ratio Lower Upper

62 100

98 13.0 10.2 15.2





#29

Cyclohexane

Concen: 27.365 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075828.D

Acq: 26 Apr 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

EW925MSD

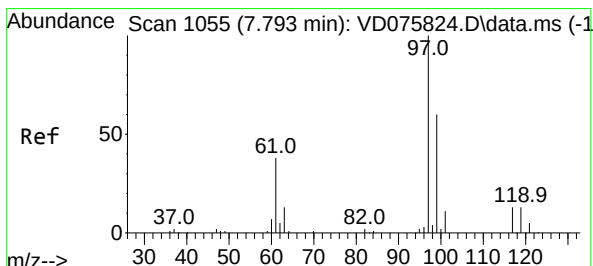
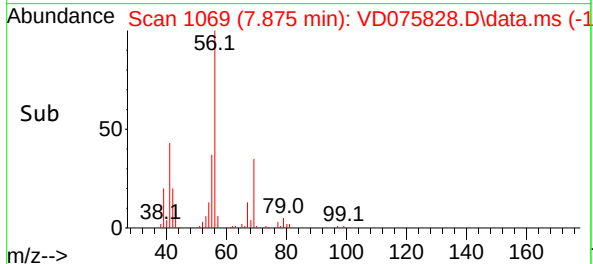
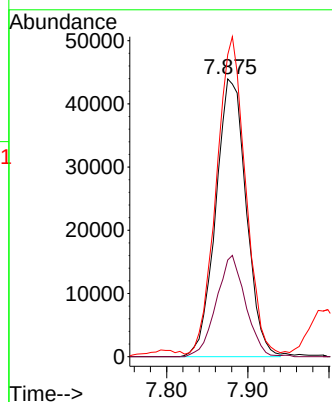
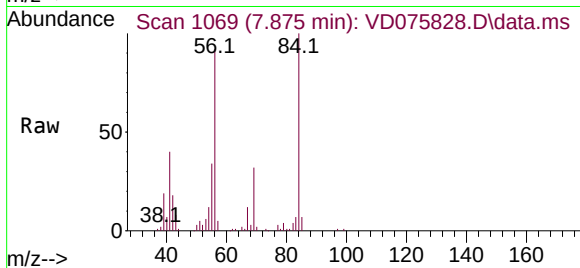
Tgt Ion: 56 Resp: 114296

Ion Ratio Lower Upper

56 100

69 34.9 28.2 42.2

84 111.7 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 29.281 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075828.D

Acq: 26 Apr 2023 11:52

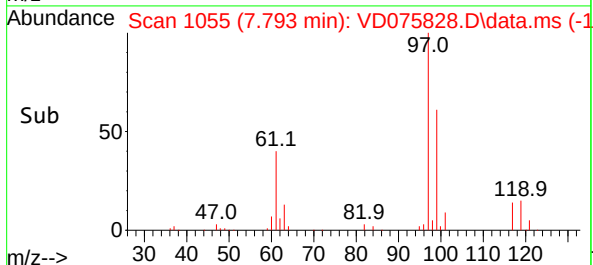
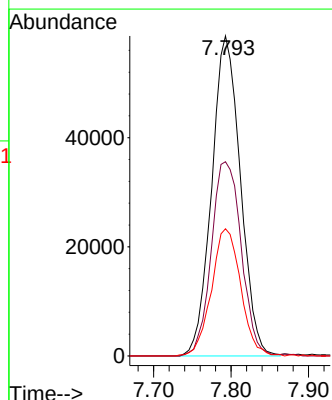
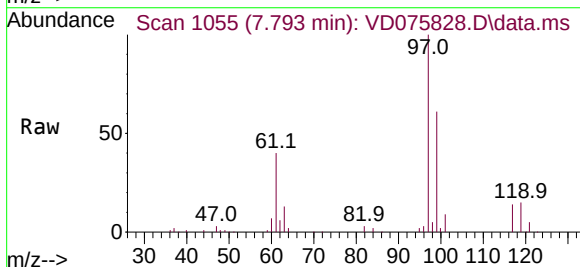
Tgt Ion: 97 Resp: 151147

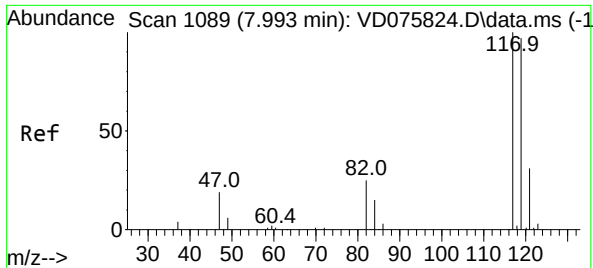
Ion Ratio Lower Upper

97 100

99 63.3 51.5 77.3

61 40.4 32.1 48.1

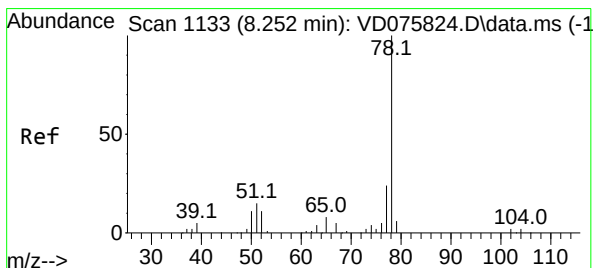
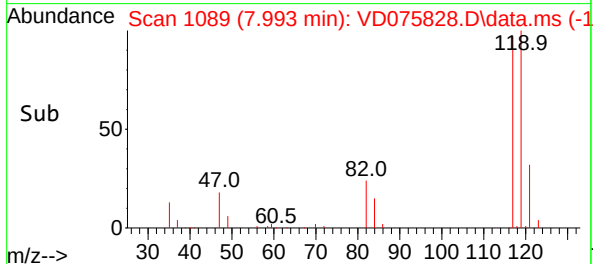
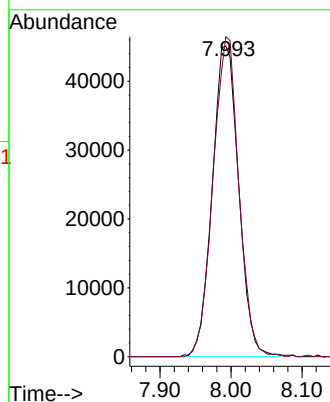
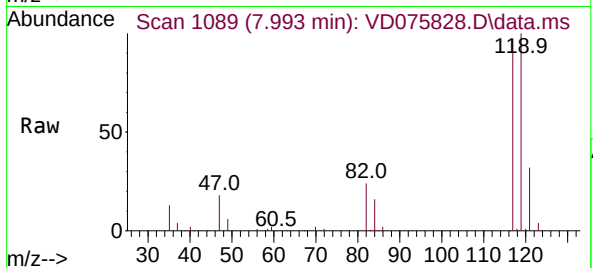




#31
Carbon tetrachloride
Concen: 28.187 ug/L
RT: 7.993 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

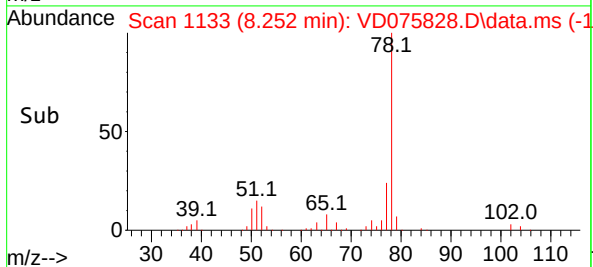
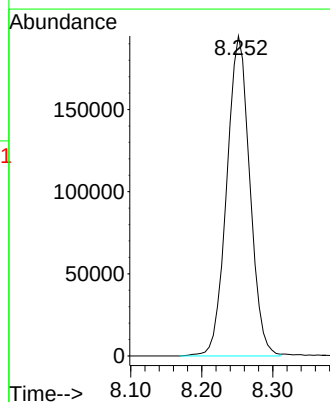
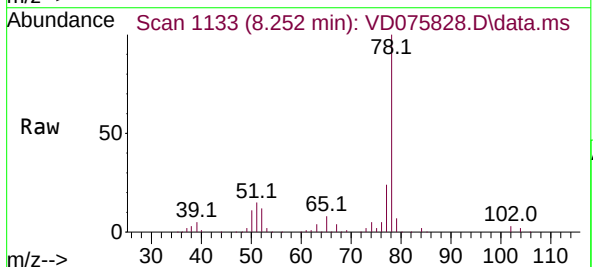
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

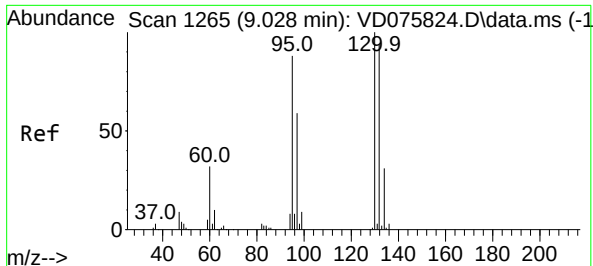
Tgt Ion:117 Resp: 116735
Ion Ratio Lower Upper
117 100
119 99.9 78.2 117.4



#33
Benzene
Concen: 29.814 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

Tgt Ion: 78 Resp: 439987



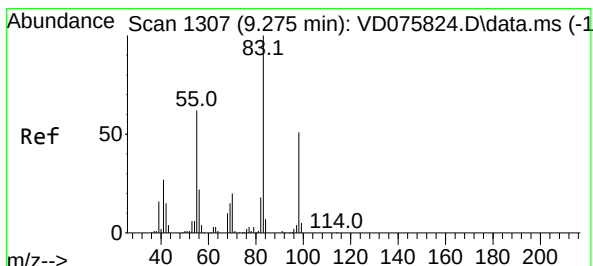
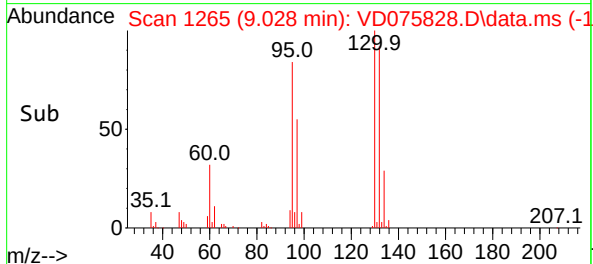
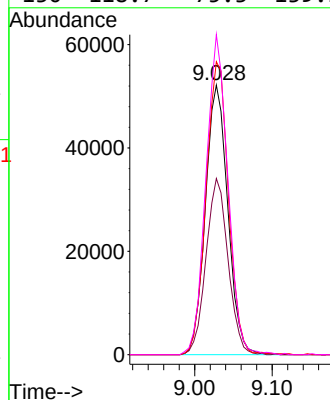
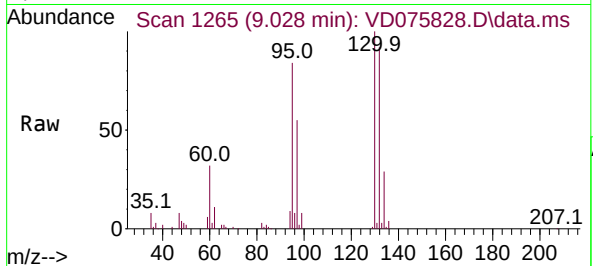


#34
Trichloroethene
Concen: 27.465 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

Tgt Ion: 95 Resp: 104820

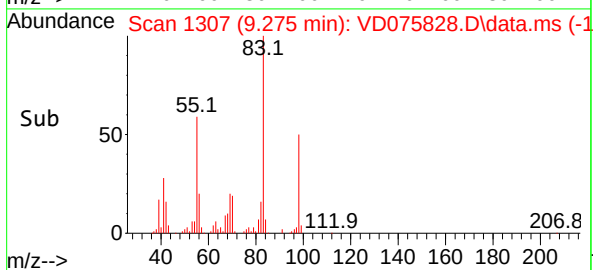
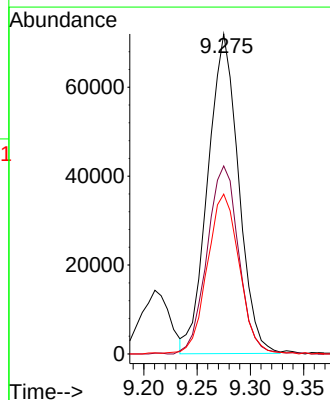
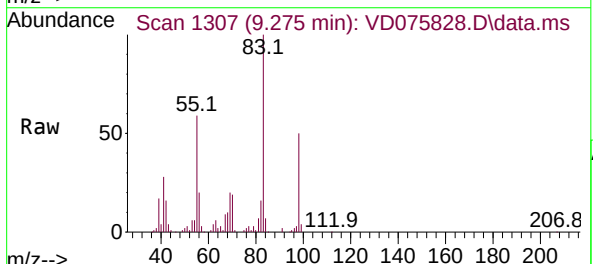
Ion	Ratio	Lower	Upper
95	100		
97	65.3	46.0	85.4
132	108.6	73.3	136.1
130	118.7	75.3	139.9

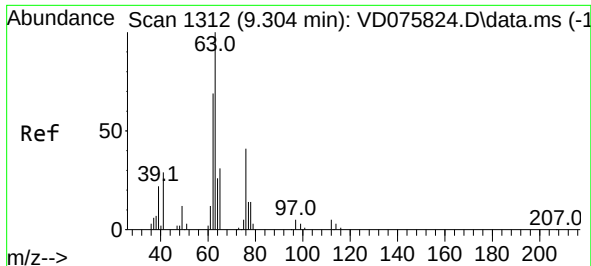


#35
Methylcyclohexane
Concen: 24.486 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

Tgt Ion: 83 Resp: 144081

Ion	Ratio	Lower	Upper
83	100		
55	60.3	48.2	72.2
98	52.3	40.8	61.2





#37

1,2-Dichloropropane

Concen: 30.316 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075828.D

Acq: 26 Apr 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

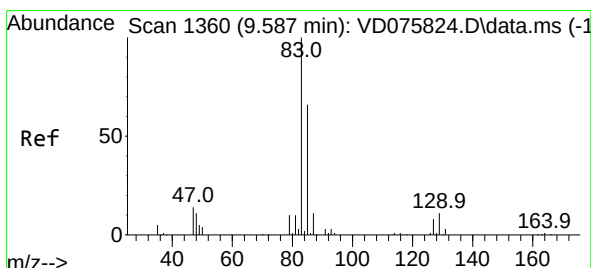
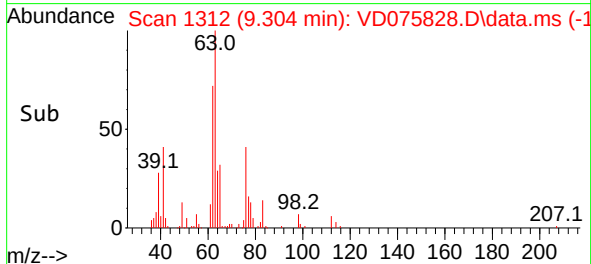
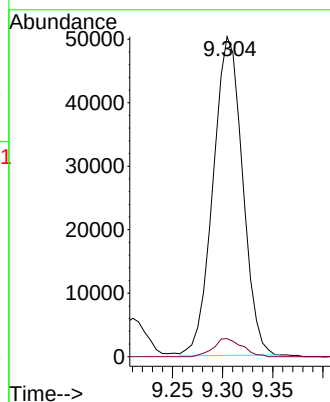
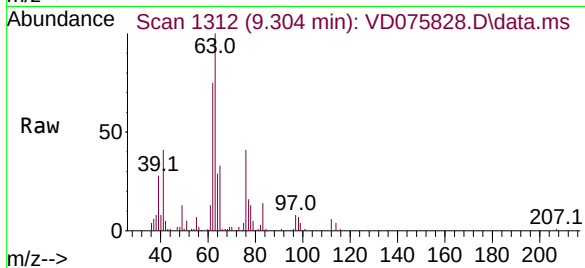
EW925MSD

Tgt Ion: 63 Resp: 102772

Ion Ratio Lower Upper

63 100

112 5.5 4.0 6.0



#38

Bromodichloromethane

Concen: 29.108 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075828.D

Acq: 26 Apr 2023 11:52

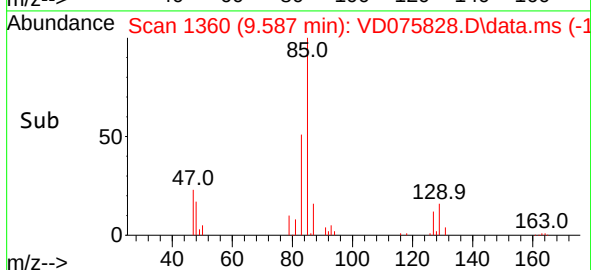
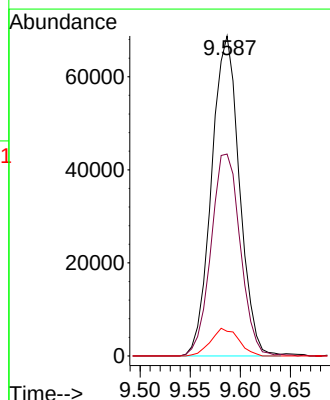
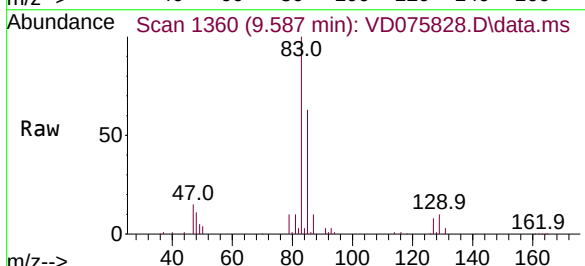
Tgt Ion: 83 Resp: 133050

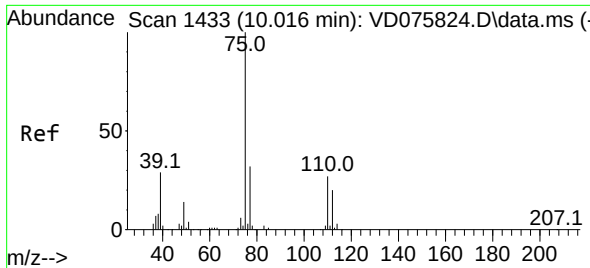
Ion Ratio Lower Upper

83 100

85 63.1 44.2 82.2

127 7.7 6.3 9.5

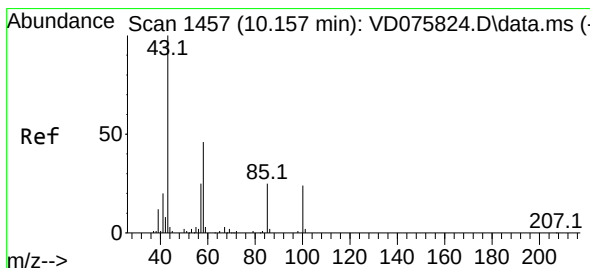
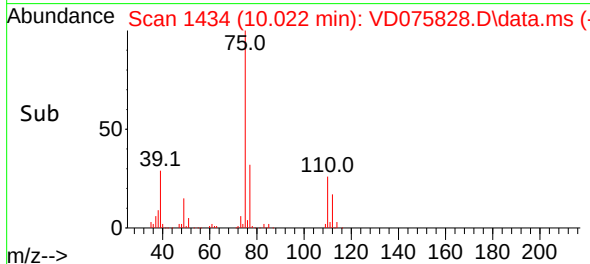
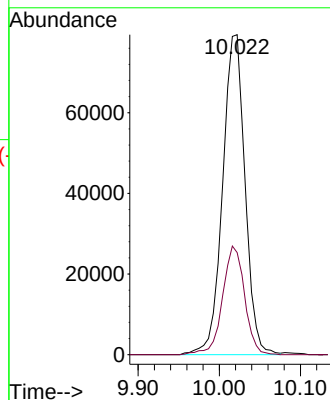
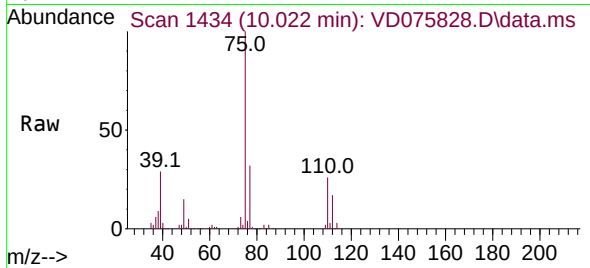




#39
 cis-1,3-Dichloropropene
 Concen: 28.286 ug/L
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD075828.D
 Acq: 26 Apr 2023 11:52

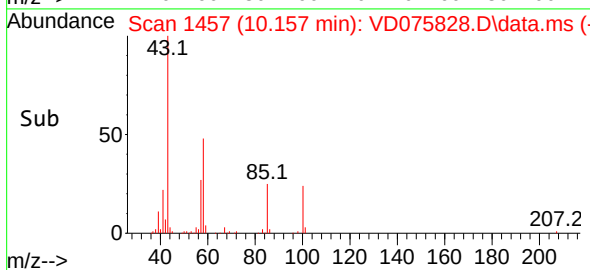
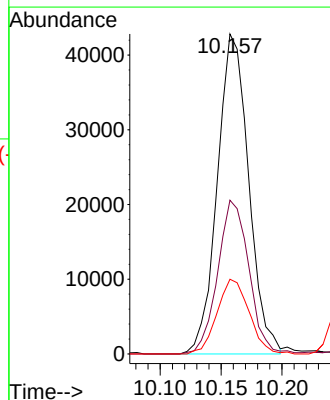
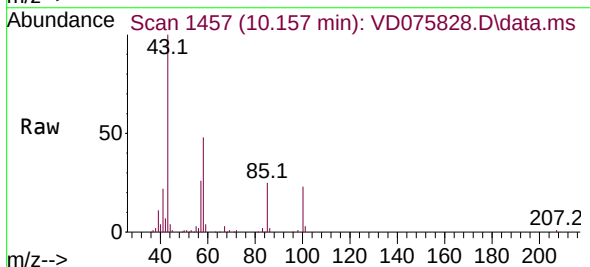
Instrument :
 MSVOA_D
 ClientSampleId :
 EW925MSD

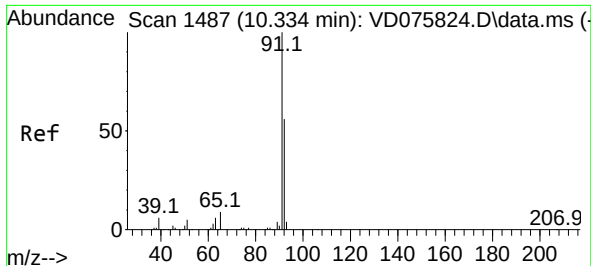
Tgt Ion: 75 Resp: 152500
 Ion Ratio Lower Upper
 75 100
 77 31.9 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 62.050 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD075828.D
 Acq: 26 Apr 2023 11:52

Tgt Ion: 43 Resp: 76693
 Ion Ratio Lower Upper
 43 100
 58 47.5 39.1 58.7
 100 23.8 19.4 29.0





#42

Toluene

Concen: 28.855 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075828.D

Acq: 26 Apr 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

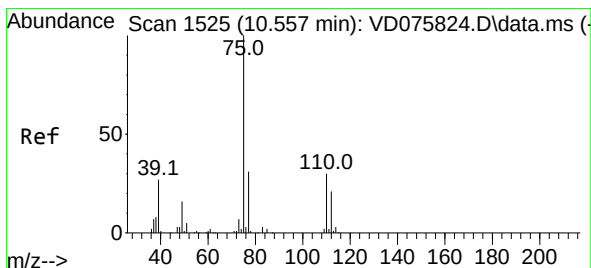
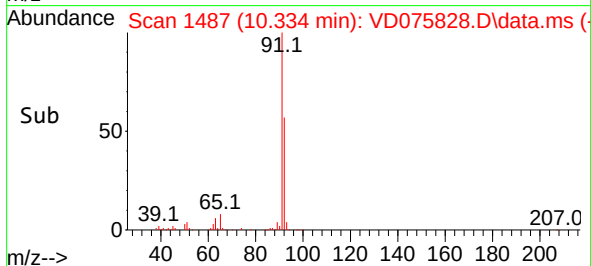
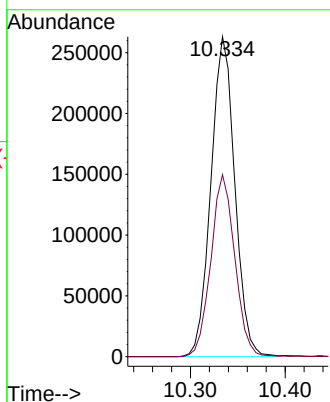
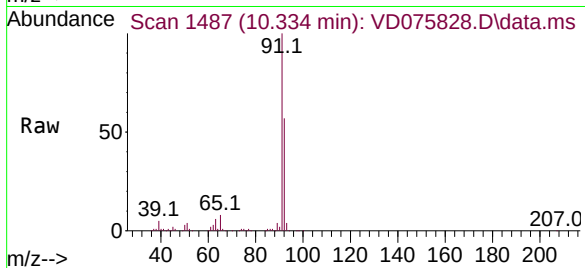
EW925MSD

Tgt Ion: 91 Resp: 460824

Ion Ratio Lower Upper

91 100

92 56.9 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 28.384 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD075828.D

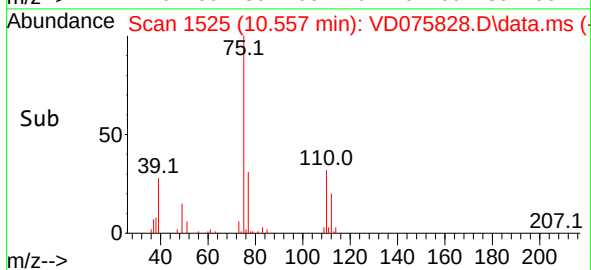
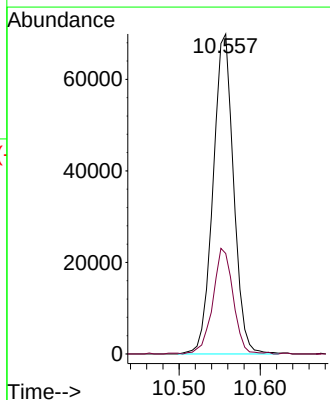
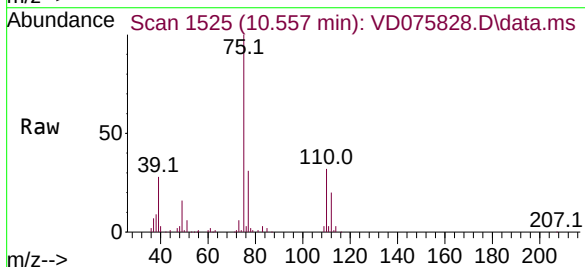
Acq: 26 Apr 2023 11:52

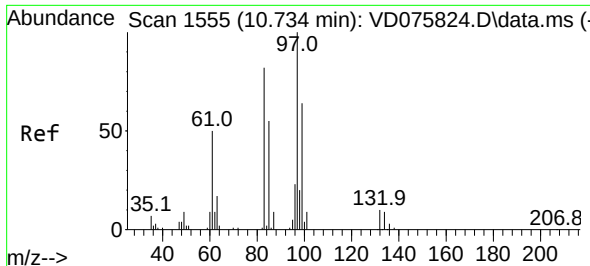
Tgt Ion: 75 Resp: 122934

Ion Ratio Lower Upper

75 100

77 31.4 22.0 41.0

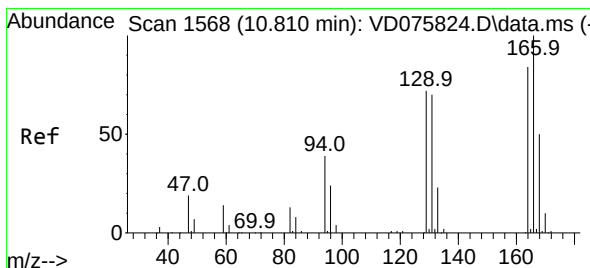
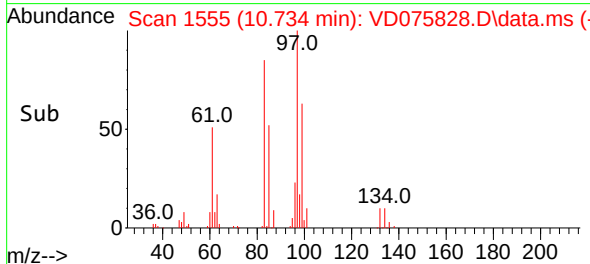
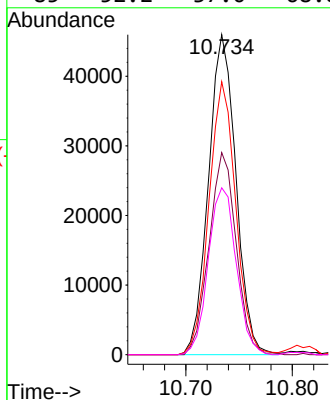
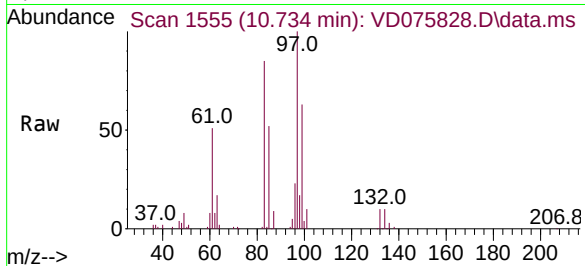




#45
1,1,2-Trichloroethane
Concen: 28.522 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

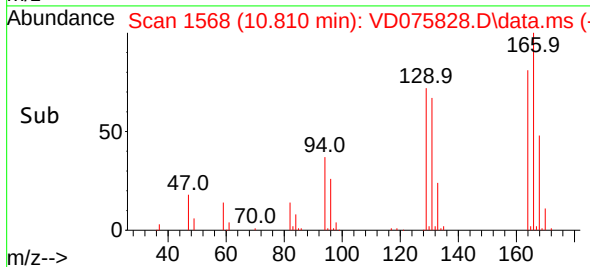
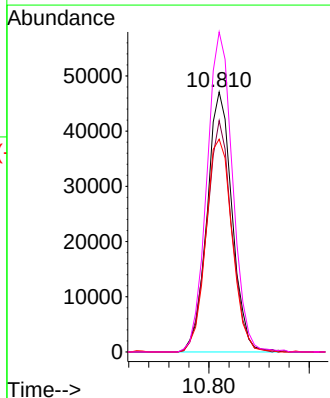
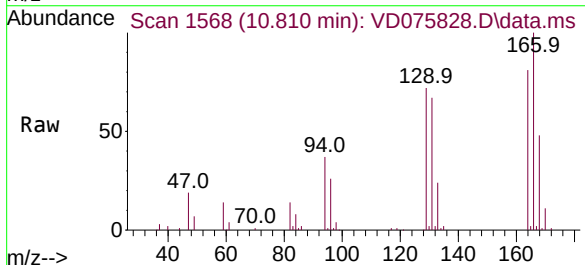
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

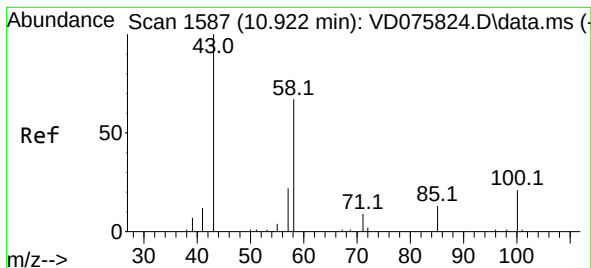
Tgt Ion: 97	Resp: 82258
Ion Ratio	Lower Upper
97 100	
99 63.2	42.2 78.4
83 85.3	54.8 101.8
85 52.2	37.0 68.8



#46
Tetrachloroethene
Concen: 26.115 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

Tgt Ion:164	Resp: 81750		
Ion	Ratio	Lower	Upper
164	100		
129	89.0	60.3	112.1
131	81.8	58.9	109.3
166	123.1	83.0	154.1





#48

2-Hexanone

Concen: 61.771 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD075828.D

Acq: 26 Apr 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

EW925MSD

Tgt Ion: 43 Resp: 53824

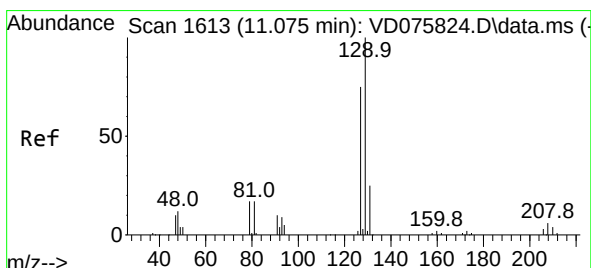
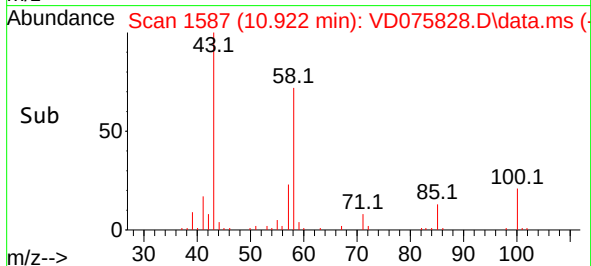
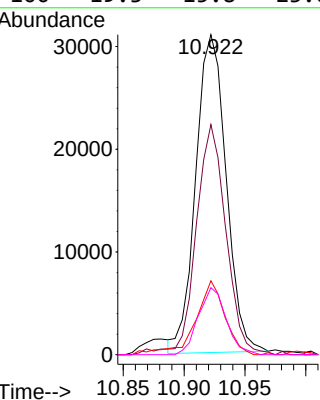
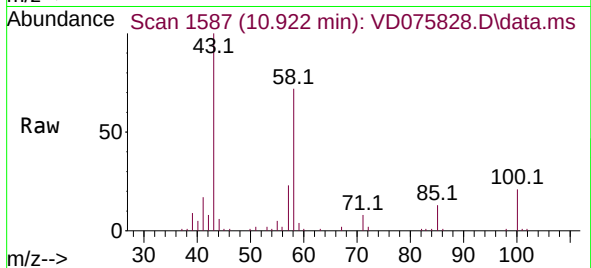
Ion Ratio Lower Upper

43 100

58 69.6 59.7 89.5

57 20.7 17.9 26.9

100 19.3 15.8 23.6



#49

Dibromochloromethane

Concen: 28.608 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD075828.D

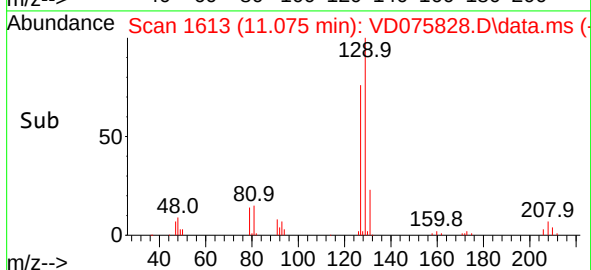
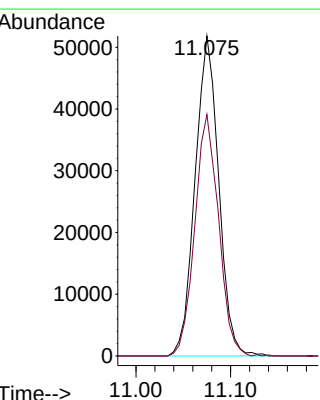
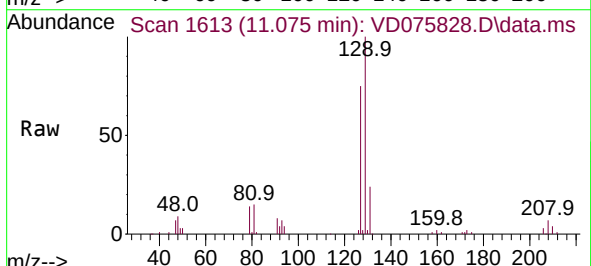
Acq: 26 Apr 2023 11:52

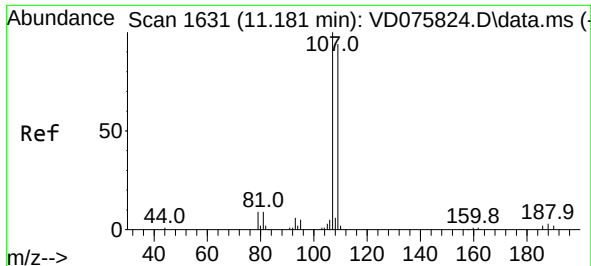
Tgt Ion:129 Resp: 89820

Ion Ratio Lower Upper

129 100

127 75.5 55.6 103.4





#50

1,2-Dibromoethane

Concen: 27.725 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075828.D

Acq: 26 Apr 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

EW925MSD

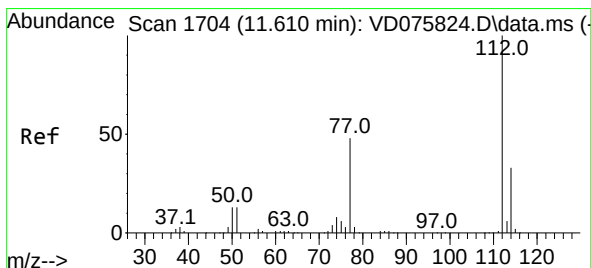
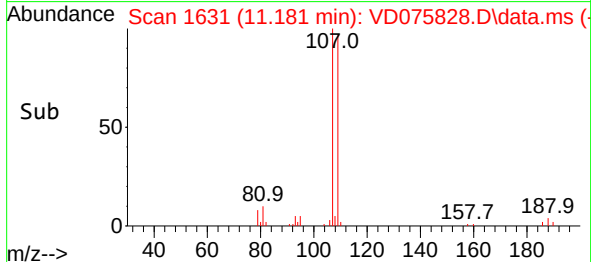
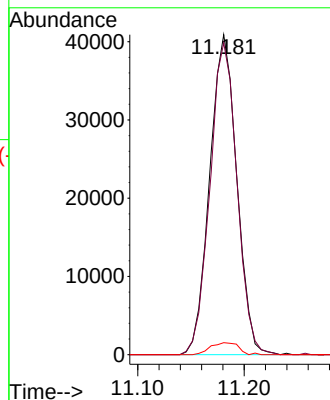
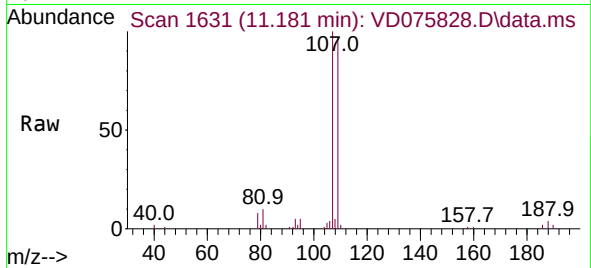
Tgt Ion:107 Resp: 72088

Ion Ratio Lower Upper

107 100

109 97.4 67.6 125.6

188 3.8 3.0 4.6



#51

Chlorobenzene

Concen: 25.996 ug/L

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD075828.D

Acq: 26 Apr 2023 11:52

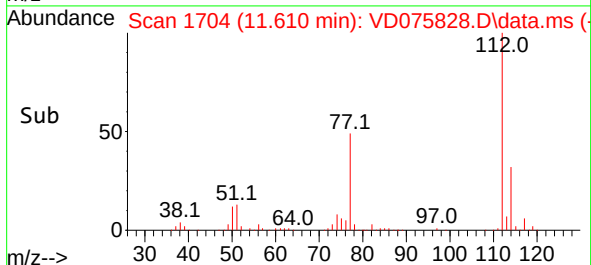
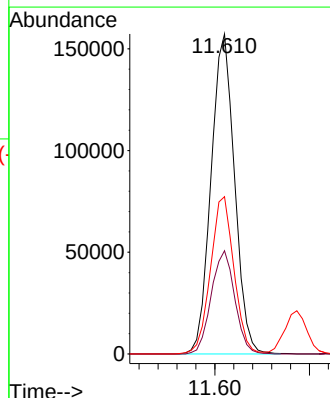
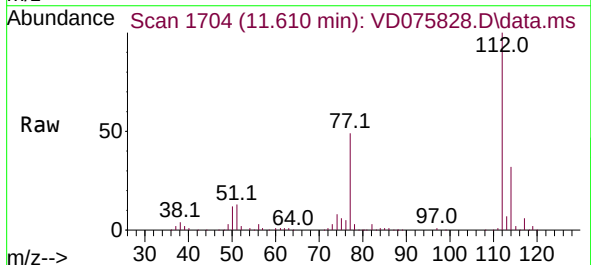
Tgt Ion:112 Resp: 271600

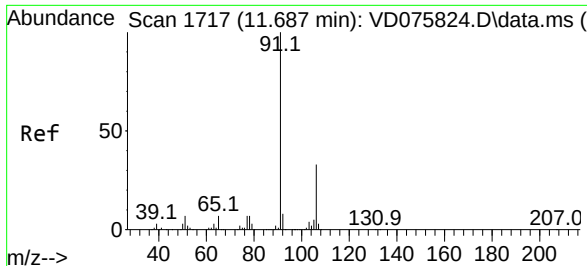
Ion Ratio Lower Upper

112 100

114 32.2 23.0 42.8

77 49.1 39.7 59.5

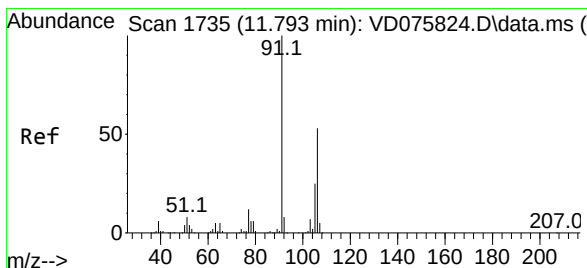
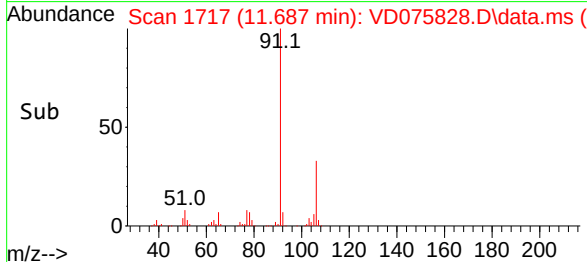
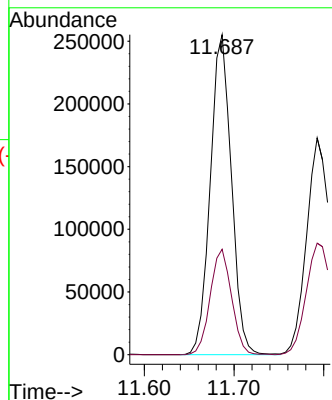
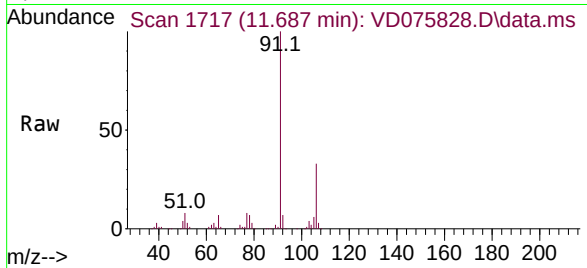




#52
Ethylbenzene
Concen: 25.489 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

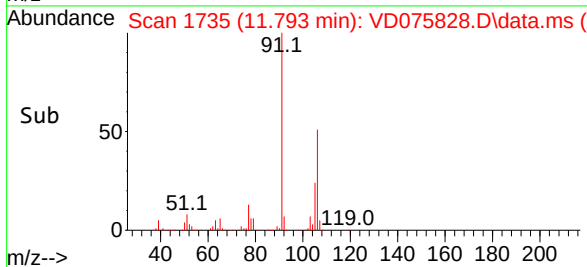
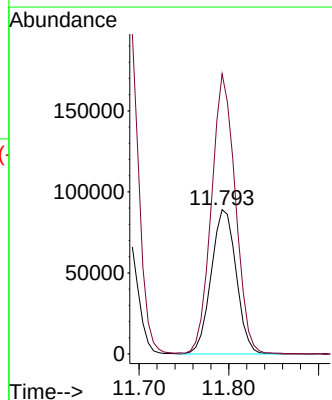
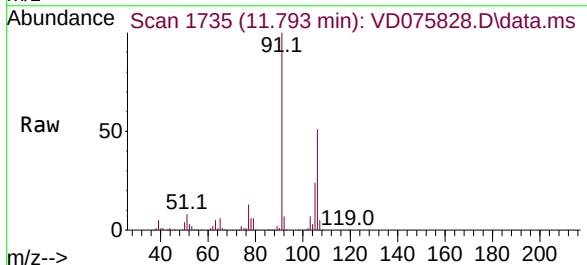
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

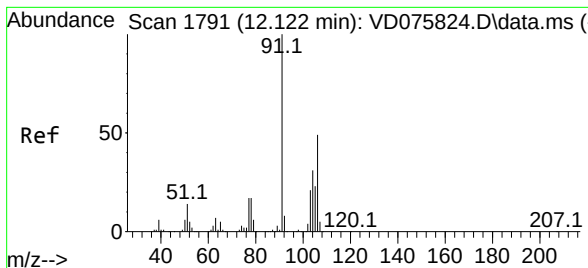
Tgt Ion: 91 Resp: 417434
Ion Ratio Lower Upper
91 100
106 32.9 23.7 43.9



#53
m,p-Xylene
Concen: 26.446 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

Tgt Ion: 106 Resp: 172458
Ion Ratio Lower Upper
106 100
91 194.2 130.9 243.1

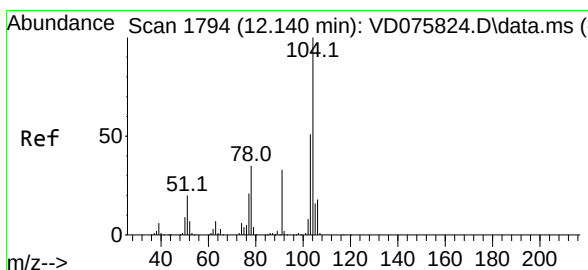
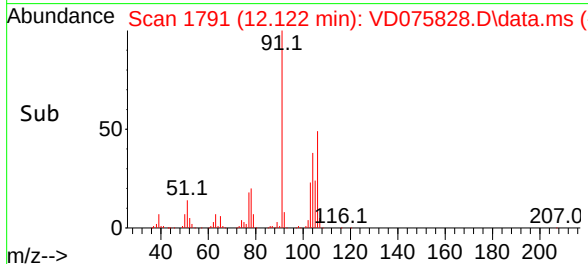
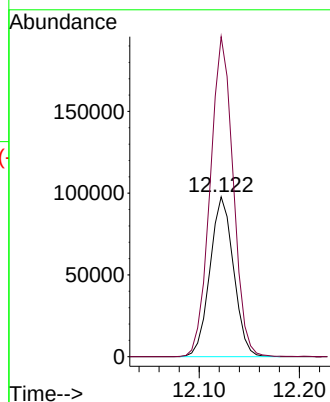
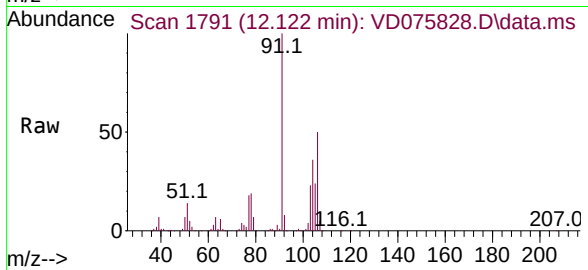




#54
o-Xylene
Concen: 25.827 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

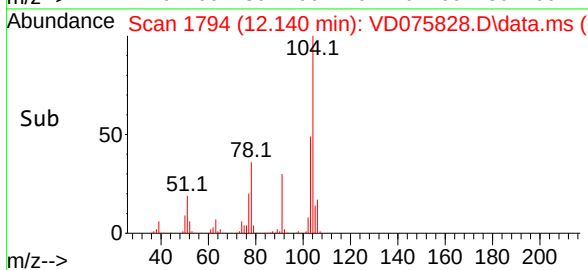
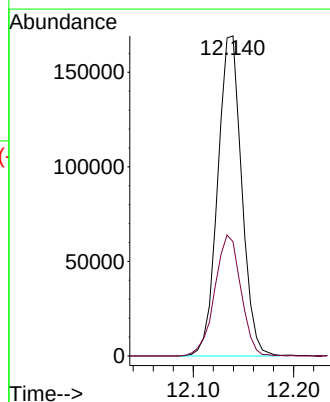
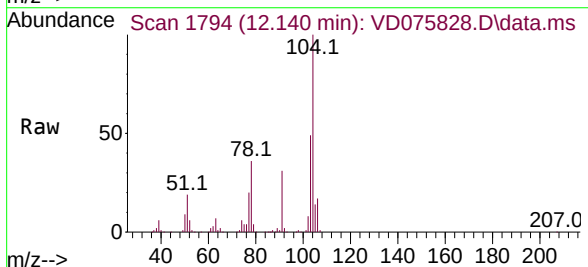
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

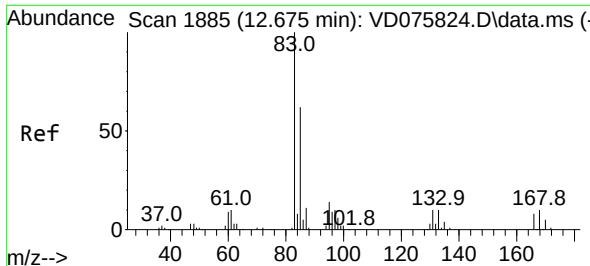
Tgt Ion:106 Resp: 159966
Ion Ratio Lower Upper
106 100
91 200.3 139.8 259.6



#55
Styrene
Concen: 26.107 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

Tgt Ion:104 Resp: 281434
Ion Ratio Lower Upper
104 100
78 35.7 26.2 48.6

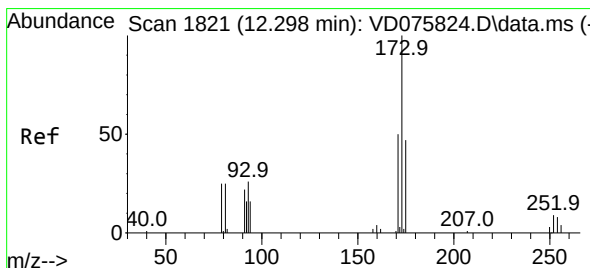
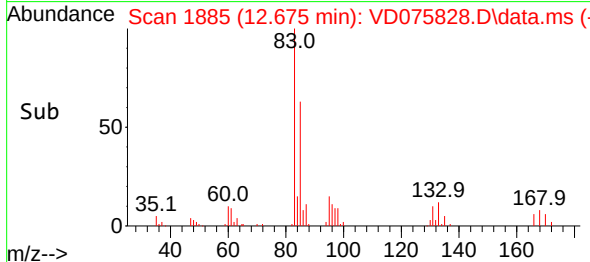
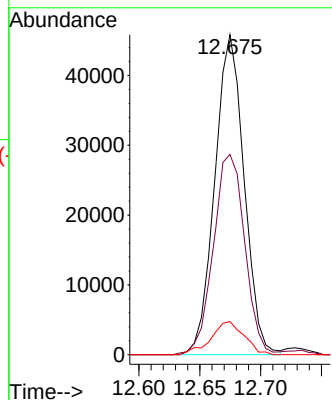
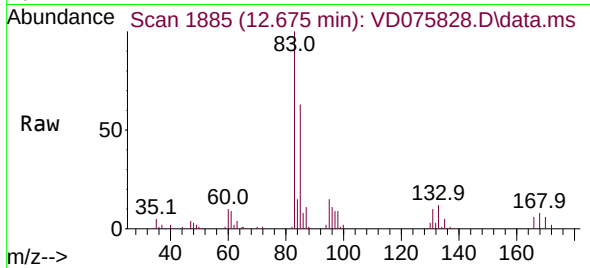




#57
1,1,2,2-Tetrachloroethane
Concen: 26.202 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

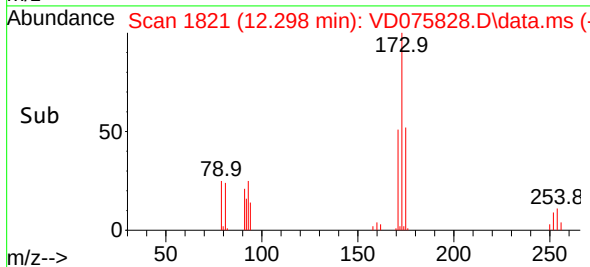
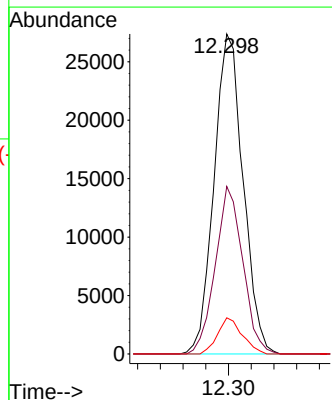
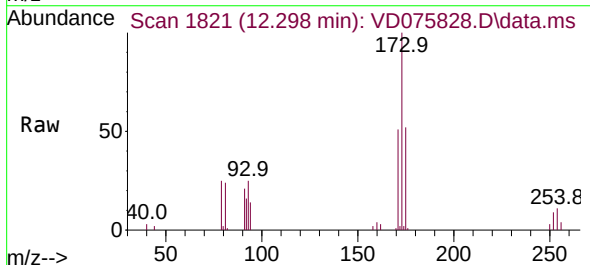
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

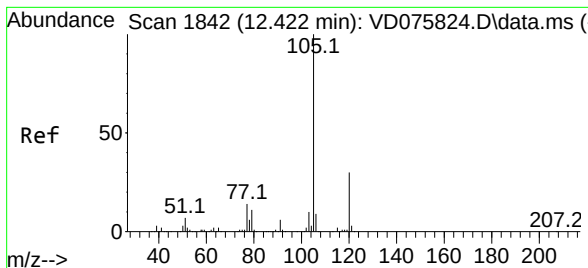
Tgt Ion: 83 Resp: 76887
Ion Ratio Lower Upper
83 100
85 62.6 45.1 83.7
131 10.3 7.0 10.6



#59
Bromoform
Concen: 32.871 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

Tgt Ion: 173 Resp: 48670
Ion Ratio Lower Upper
173 100
175 49.5 39.4 59.0
254 9.6 7.4 11.2





#60

Isopropylbenzene

Concen: 29.747 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD075828.D

Acq: 26 Apr 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

EW925MSD

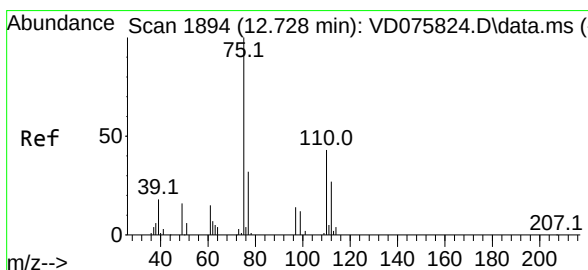
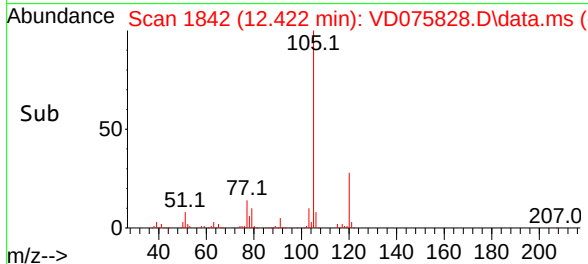
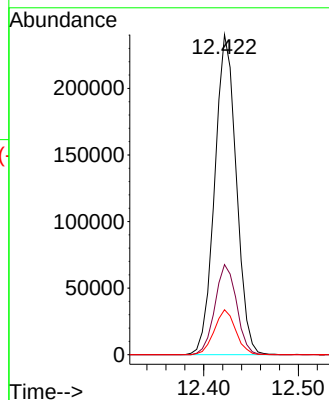
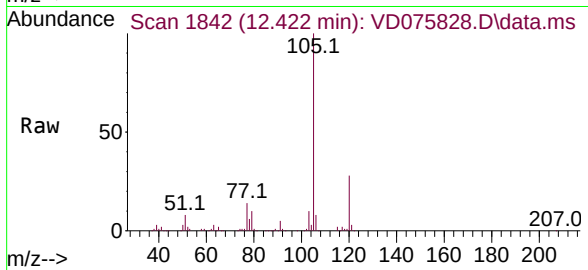
Tgt Ion:105 Resp: 381068

Ion Ratio Lower Upper

105 100

120 28.2 22.7 34.1

77 13.9 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 32.701 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD075828.D

Acq: 26 Apr 2023 11:52

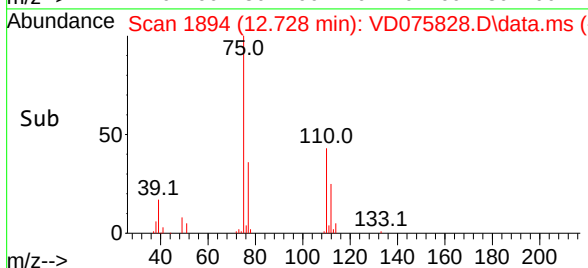
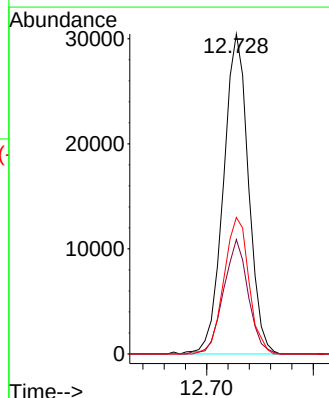
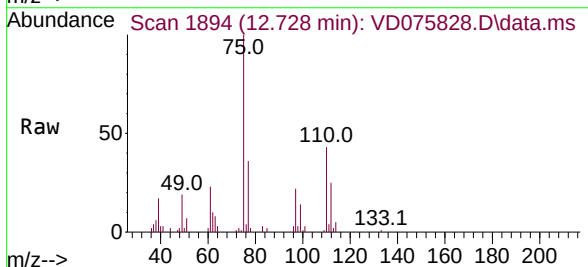
Tgt Ion: 75 Resp: 49629

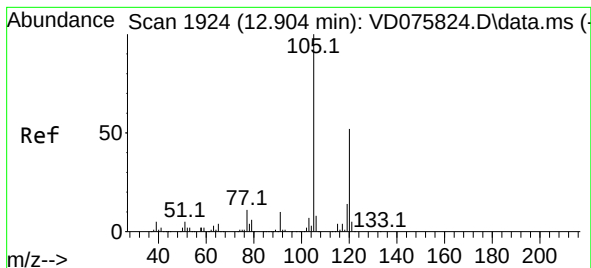
Ion Ratio Lower Upper

75 100

77 34.9 26.6 39.8

110 42.6 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 28.032 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075828.D

Acq: 26 Apr 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

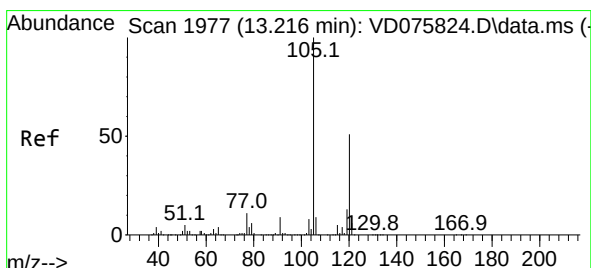
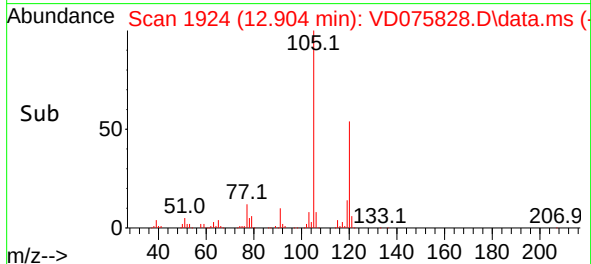
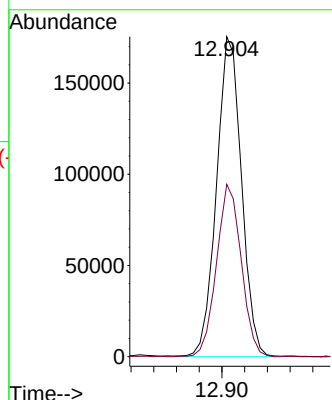
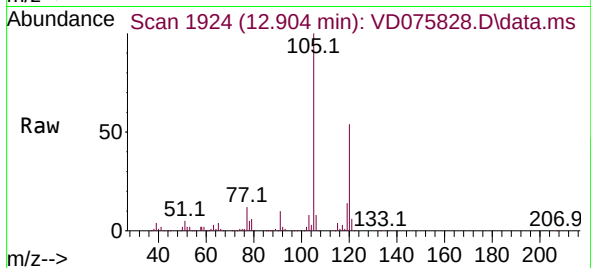
EW925MSD

Tgt Ion:105 Resp: 267770

Ion Ratio Lower Upper

105 100

120 53.3 42.0 63.0



#63

1,2,4-Trimethylbenzene

Concen: 27.649 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075828.D

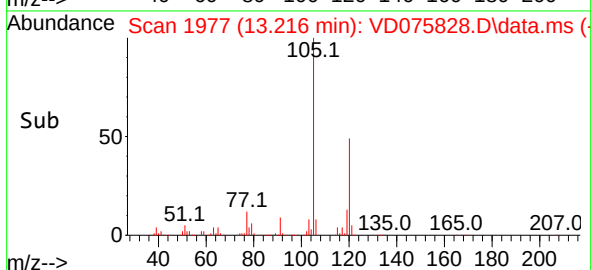
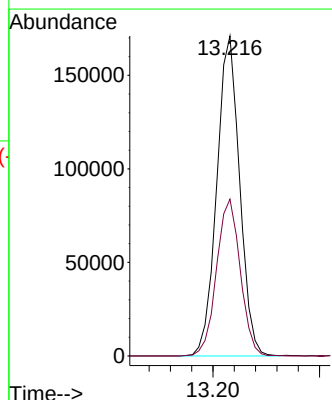
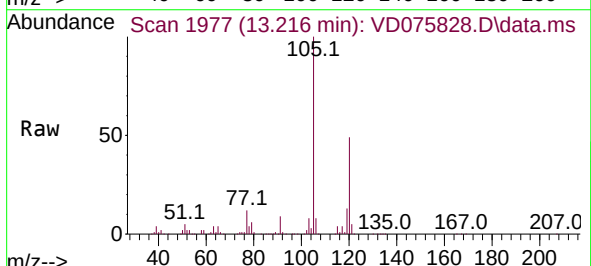
Acq: 26 Apr 2023 11:52

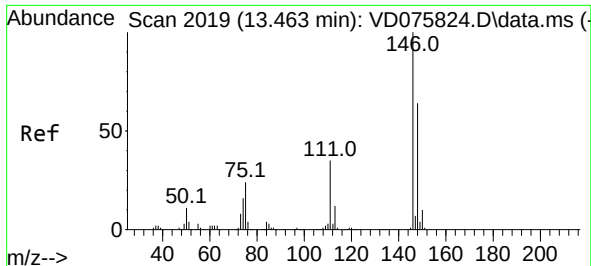
Tgt Ion:105 Resp: 254596

Ion Ratio Lower Upper

105 100

120 50.7 39.0 58.6

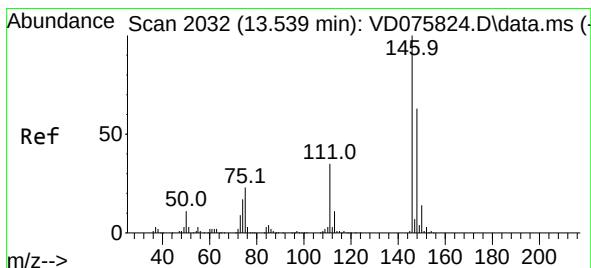
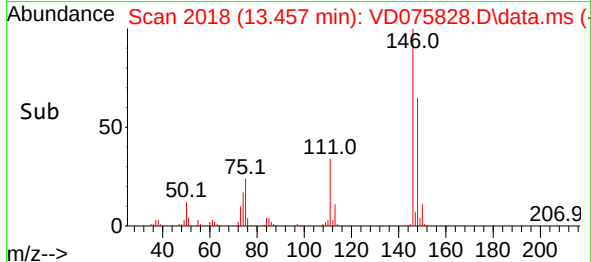
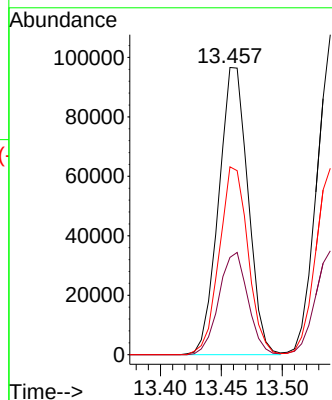
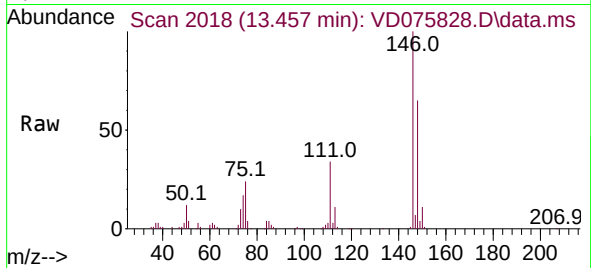




#64
1,3-Dichlorobenzene
Concen: 26.456 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

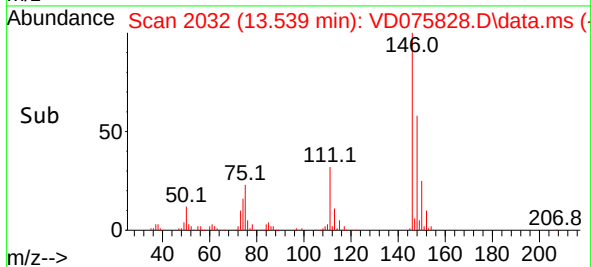
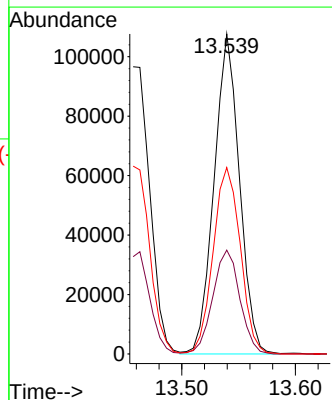
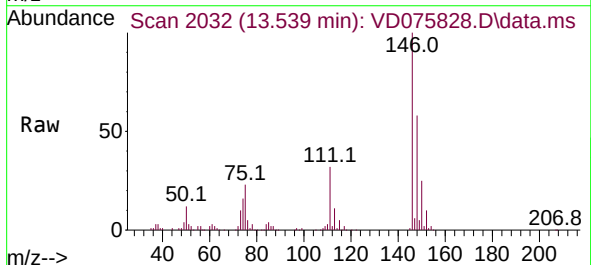
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

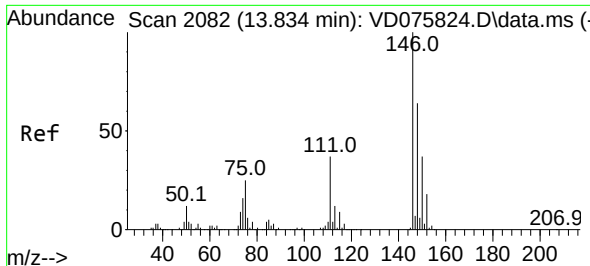
Tgt Ion:146 Resp: 162157
Ion Ratio Lower Upper
146 100
111 33.9 26.5 49.1
148 65.4 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 25.997 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

Tgt Ion:146 Resp: 167232
Ion Ratio Lower Upper
146 100
111 32.4 24.6 45.8
148 58.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.331 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075828.D

Acq: 26 Apr 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

EW925MSD

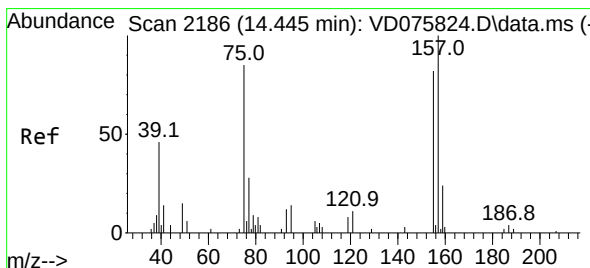
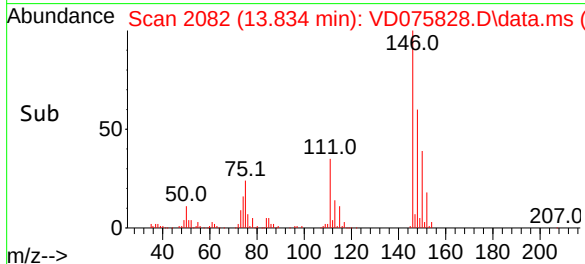
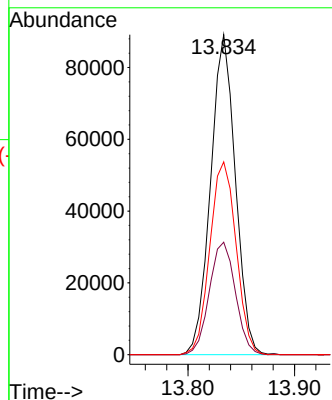
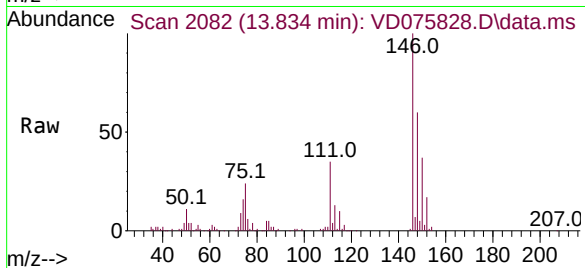
Tgt Ion:146 Resp: 144124

Ion Ratio Lower Upper

146 100

111 35.2 30.6 46.0

148 60.2 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 29.836 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075828.D

Acq: 26 Apr 2023 11:52

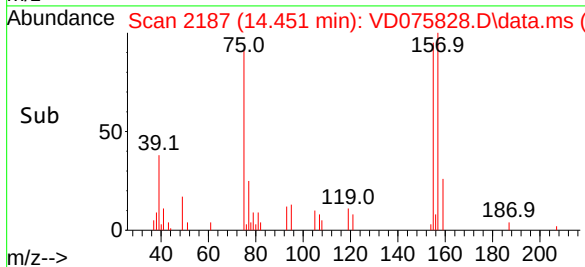
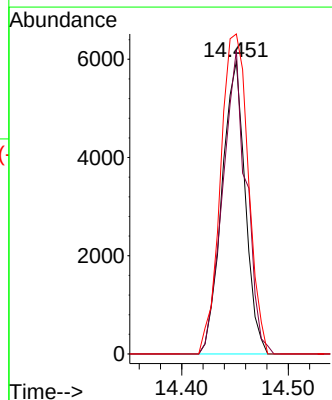
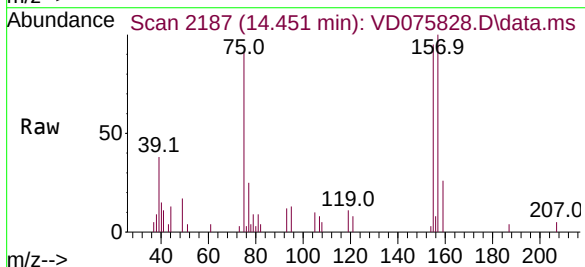
Tgt Ion: 75 Resp: 9052

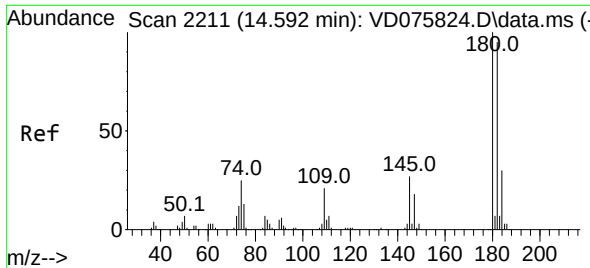
Ion Ratio Lower Upper

75 100

155 103.9 74.6 111.8

157 109.4 109.4 164.2#

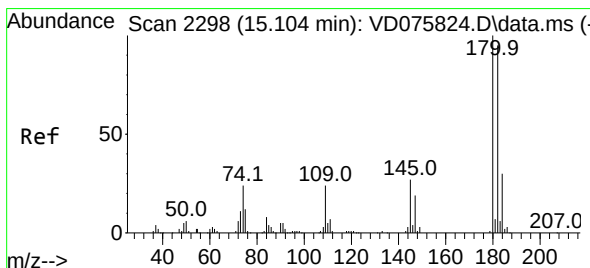
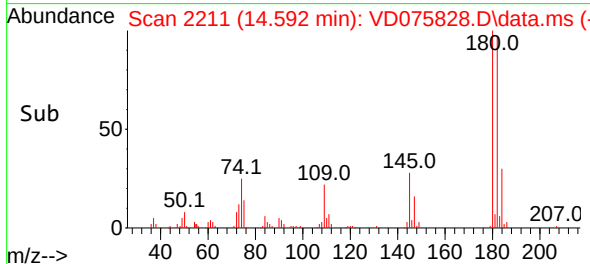
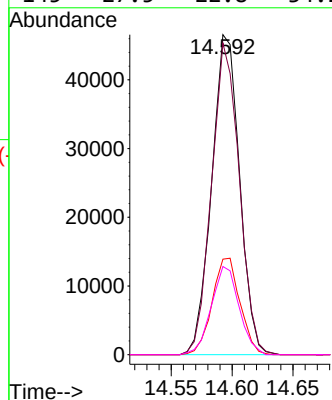
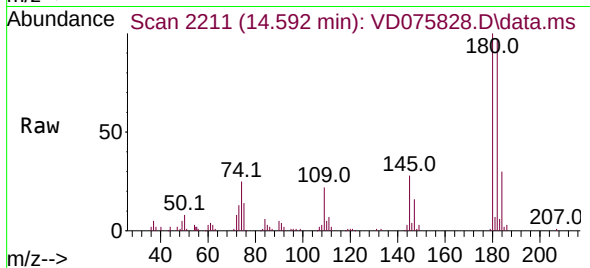




#69
 1,3,5-Trichlorobenzene
 Concen: 18.059 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD075828.D
 Acq: 26 Apr 2023 11:52

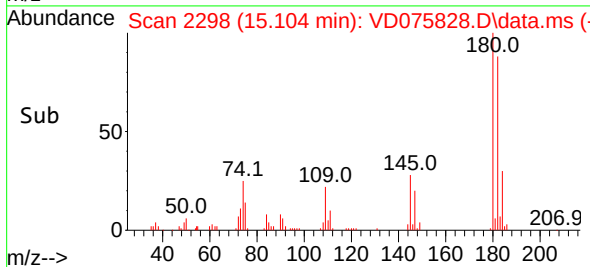
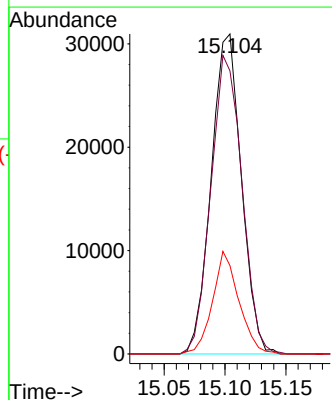
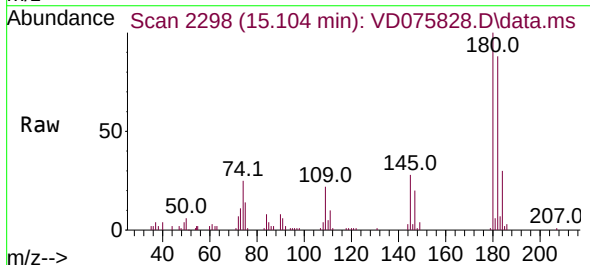
Instrument :
 MSVOA_D
 ClientSampleId :
 EW925MSD

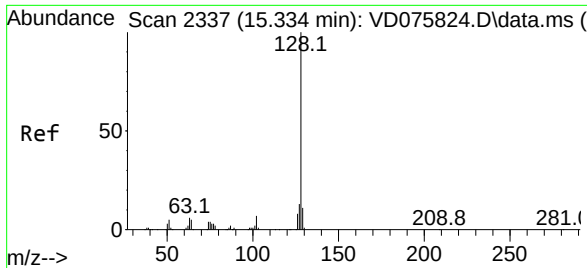
Tgt Ion:	180	Resp:	74191
Ion	Ratio	Lower	Upper
180	100		
182	96.4	74.9	112.3
184	30.1	25.0	37.4
145	27.5	22.8	34.2



#70
 1,2,4-trichlorobenzene
 Concen: 15.692 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD075828.D
 Acq: 26 Apr 2023 11:52

Tgt Ion:	180	Resp:	53423
Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.4	113.2
145	28.0	23.6	35.4

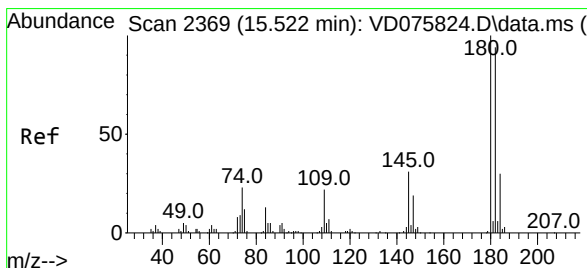
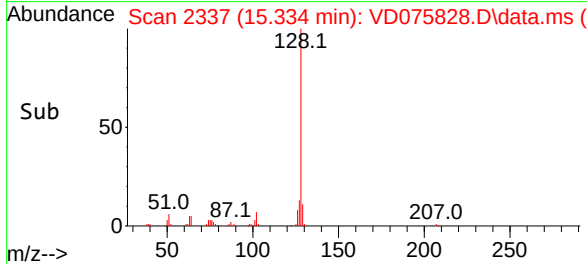
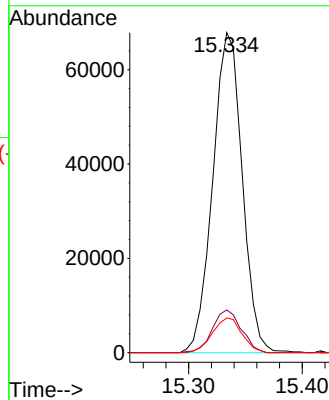
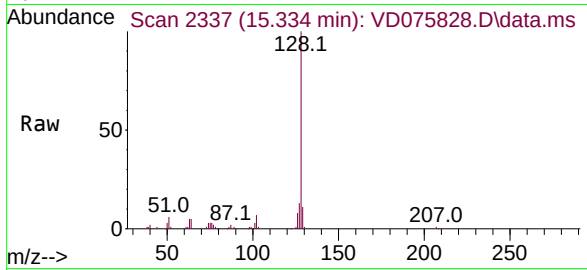




#71
Naphthalene
Concen: 19.613 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

Tgt Ion:128 Resp: 122195
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 15.659 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD075828.D
Acq: 26 Apr 2023 11:52

Tgt Ion:180 Resp: 47587
Ion Ratio Lower Upper
180 100
182 93.1 76.3 114.5
145 29.2 25.0 37.6

