

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012423\
 Data File : VW029931.D
 Acq On : 24 Jan 2023 18:27
 Operator : SY/MD
 Sample : 01225-17MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9G4MS

Quant Time: Jan 25 00:46:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 25 00:44:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	193492	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	199461	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	126642	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	61534	4.193	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.564	69	59491	4.890	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.108	63	130353	4.872	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	3.912	46	131908	50.710	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.420%
24) Chloroform-d	4.339	84	131059	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.024	65	54452	4.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.043	84	241550	4.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.063	67	79377	4.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.307	98	215018	3.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.616	79	24995	3.952	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.085	63	130257	50.593	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.180%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	66642	5.252	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	86541	3.759	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	95903	5.325	ug/L	98
3) Chloromethane	1.240	50	114261	6.029	ug/L	99
5) Vinyl chloride	1.307	62	123124	6.625	ug/L	99
6) Bromomethane	1.519	94	48558	5.367	ug/L	100
8) Chloroethane	1.581	64	80454	7.135	ug/L	99
9) Trichlorofluoromethane	1.751	101	140779	5.783	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	87385	6.094	ug/L	95
12) 1,1-Dichloroethene	2.114	96	87719	5.309	ug/L	89
13) Acetone	2.198	43	92507	49.826	ug/L	95
14) Carbon disulfide	2.288	76	253592	5.331	ug/L	100
15) Methyl Acetate	2.442	43	24951	5.160	ug/L	92
16) Methylene chloride	2.500	84	93934	4.577	ug/L	89
17) Methyl tert-butyl Ether	2.767	73	169892	5.947	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	88062	5.734	ug/L	91
19) 1,1-Dichloroethane	3.182	63	172371	6.709	ug/L	98
21) 2-Butanone	3.992	43	135931	51.106	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	92285	5.639	ug/L	93
23) Bromochloromethane	4.240	128	39695	5.873	ug/L #	83
25) Chloroform	4.368	83	164313	5.883	ug/L	98

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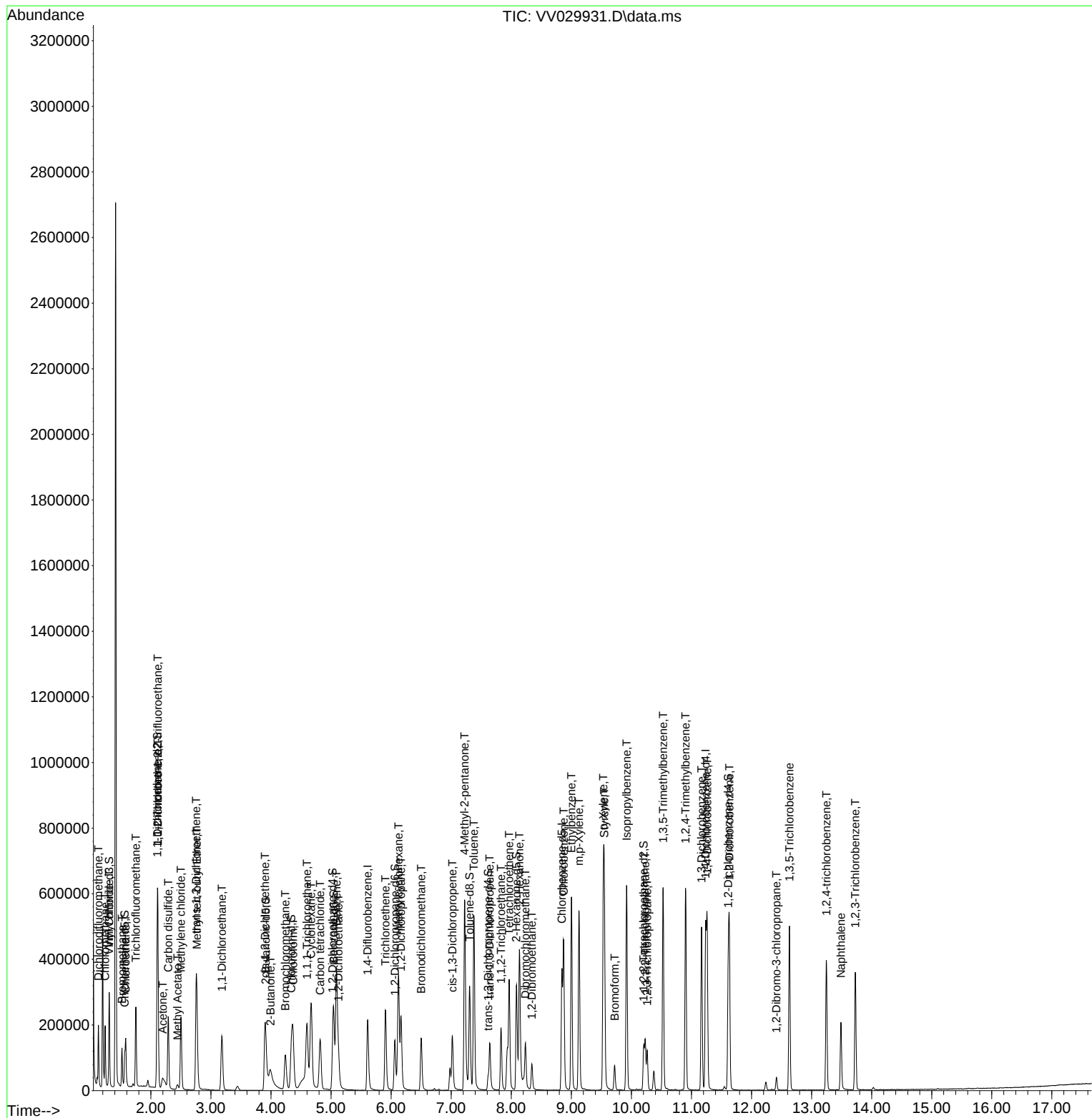
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	85873	6.329	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	138116	5.333	ug/L	95
30) Cyclohexane	4.667	56	134365	5.480	ug/L	95
31) Carbon tetrachloride	4.818	117	116266	5.159	ug/L	100
33) Benzene	5.092	78	380578	5.771	ug/L	100
34) Trichloroethene	5.905	95	90901	5.439	ug/L	94
35) Methylcyclohexane	6.124	83	142956	5.067	ug/L	96
37) 1,2-Dichloropropane	6.166	63	95368	6.175	ug/L	98
38) Bromodichloromethane	6.500	83	113622	5.688	ug/L	97
39) cis-1,3-Dichloropropene	7.021	75	108498	5.239	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	413170	62.690	ug/L	96
42) Toluene	7.378	91	404132	5.682	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	86884	5.206	ug/L	97
45) 1,1,2-Trichloroethane	7.831	97	61587	5.535	ug/L	96
47) Tetrachloroethene	7.966	164	74297	5.280	ug/L	99
48) 2-Hexanone	8.137	43	288475	61.238	ug/L	94
49) Dibromochloromethane	8.236	129	68365	5.235	ug/L	99
50) 1,2-Dibromoethane	8.342	107	54266	5.618	ug/L	99
51) Chlorobenzene	8.873	112	249376	5.522	ug/L	100
52) Ethylbenzene	9.001	91	402692	5.410	ug/L	100
53) m,p-Xylene	9.127	106	159365	5.409	ug/L	99
54) o-Xylene	9.532	106	153001	5.471	ug/L	99
55) Styrene	9.551	104	272436	5.665	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	75686	6.123	ug/L	99
59) Bromoform	9.722	173	34100	4.157	ug/L	98
60) Isopropylbenzene	9.921	105	399185	4.931	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	49275	5.255	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	326323	4.704	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	333321	4.818	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	205829	5.007	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	206016	5.027	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	188552	5.102	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	9974	4.498	ug/L	94
69) 1,3,5-Trichlorobenzene	12.632	180	156919	4.743	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	124322	4.808	ug/L	99
71) Naphthalene	13.490	128	173843	5.190	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	112133	5.225	ug/L	100

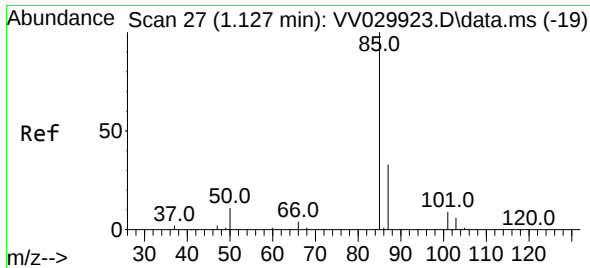
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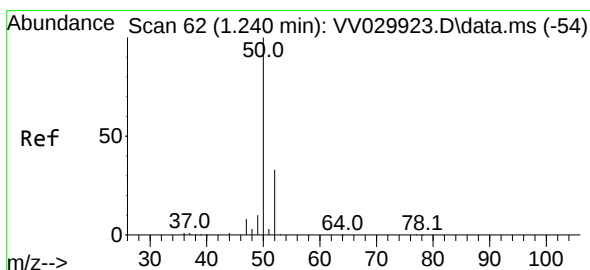
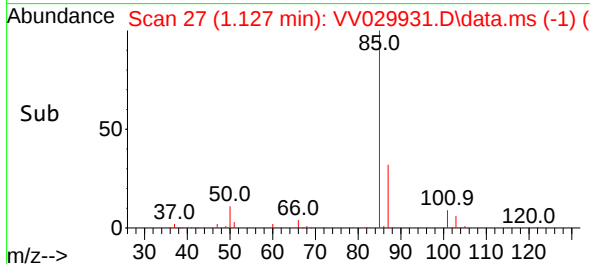
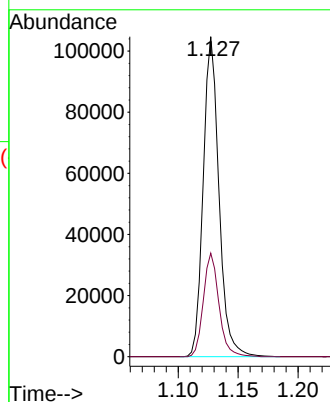
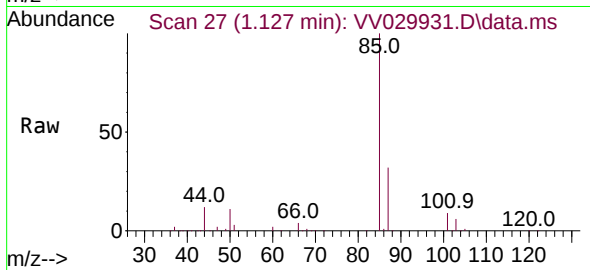




#2
 Dichlorodifluoromethane
 Concen: 5.325 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029931.D
 Acq: 24 Jan 2023 18:27

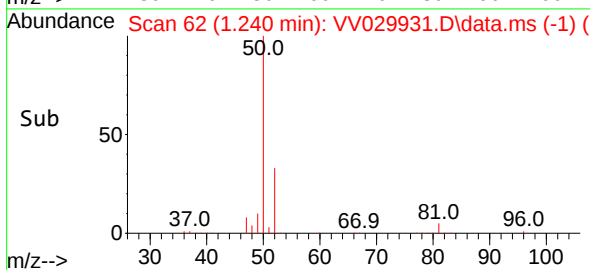
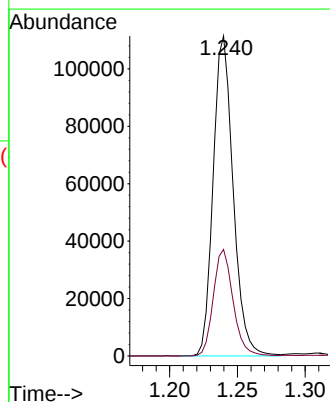
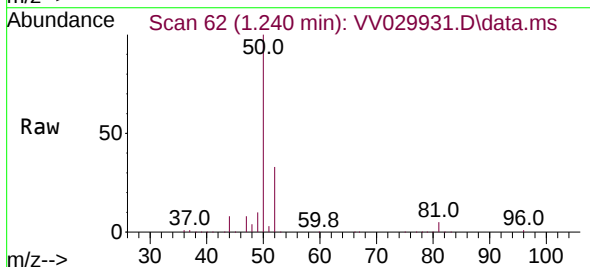
Instrument :
 MSVOA_V
 ClientSampleId :
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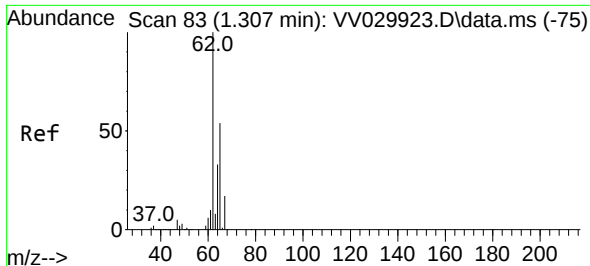
Tgt Ion: 85 Resp: 95903
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.5 39.7



#3
 Chloromethane
 Concen: 6.029 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029931.D
 Acq: 24 Jan 2023 18:27

Tgt Ion: 50 Resp: 114261
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.1 42.9

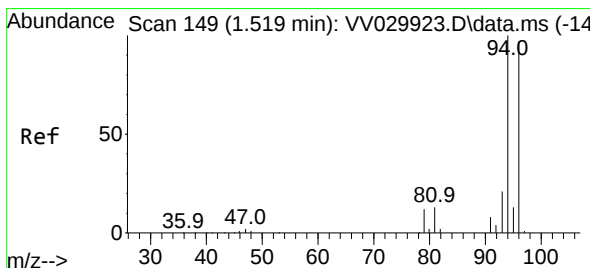
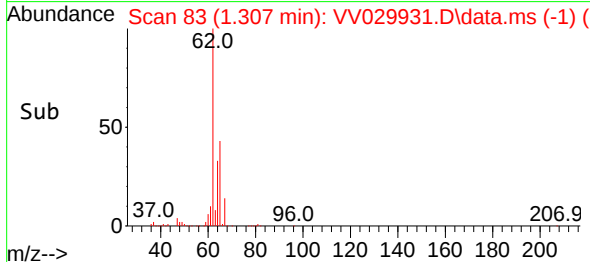
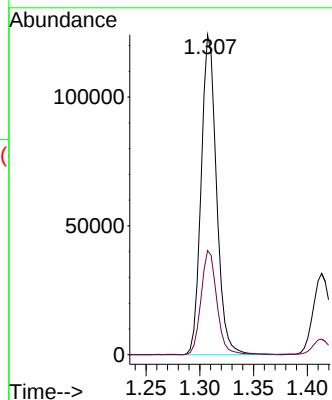
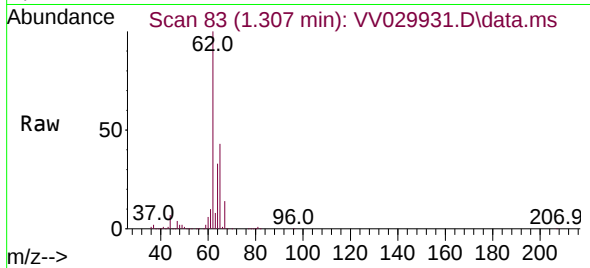




#5
 Vinyl chloride
 Concen: 6.625 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV029931.D
 Acq: 24 Jan 2023 18:27

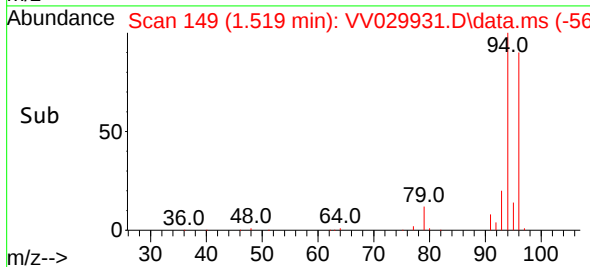
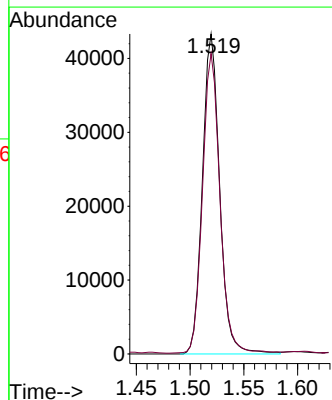
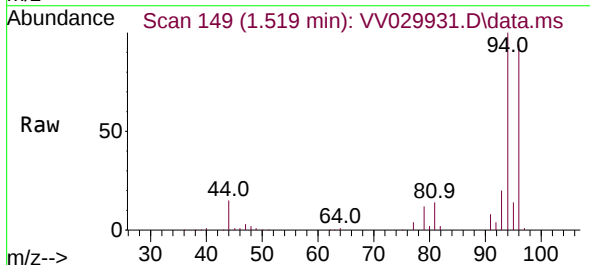
Instrument :
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 ClientSampleId :
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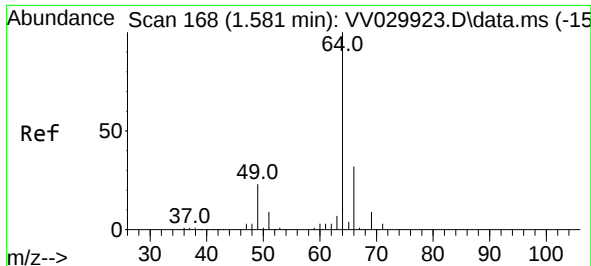
Tgt Ion: 62 Resp: 123124
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.2



#6
 Bromomethane
 Concen: 5.367 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV029931.D
 Acq: 24 Jan 2023 18:27

Tgt Ion: 94 Resp: 48558
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.9 122.5

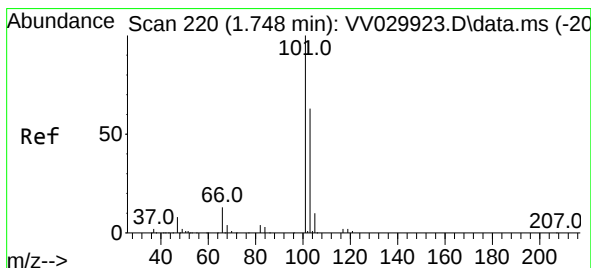
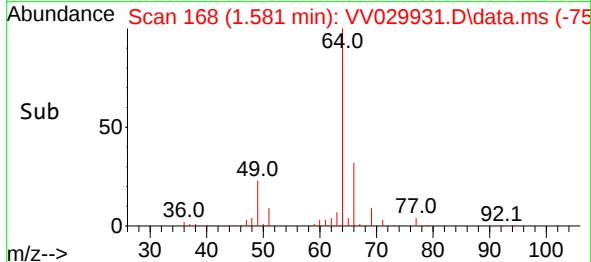
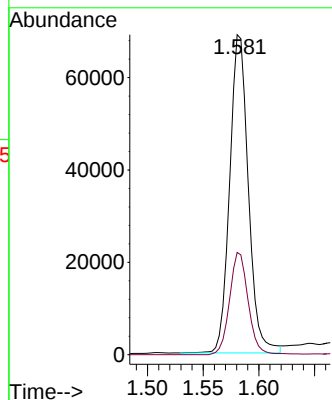
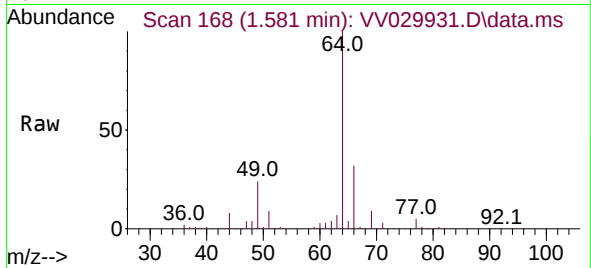




#8
Chloroethane
Concen: 7.135 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV029931.D
Acq: 24 Jan 2023 18:27

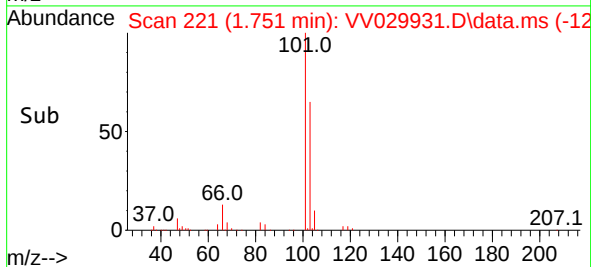
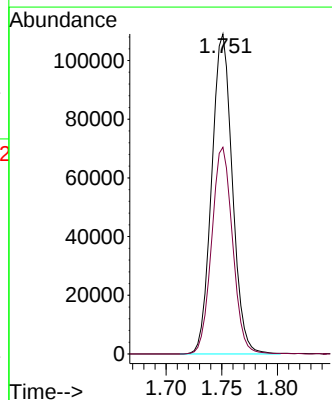
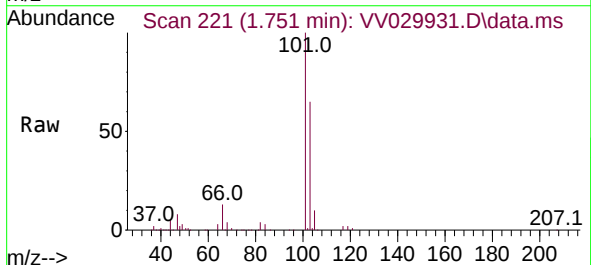
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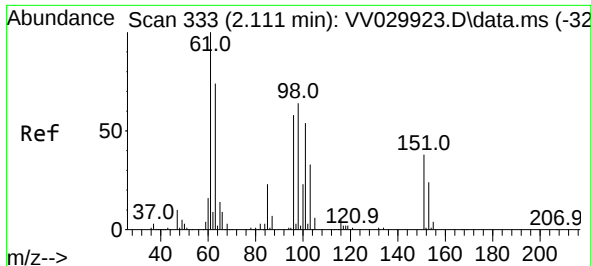
Tgt Ion: 64 Resp: 80454
Ion Ratio Lower Upper
64 100
66 32.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.783 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV029931.D
Acq: 24 Jan 2023 18:27

Tgt Ion:101 Resp: 140779
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 6.094 ug/L

RT: 2.114 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

Instrument :

MSVOA_V

ClientSampleId :

EX9G4MS

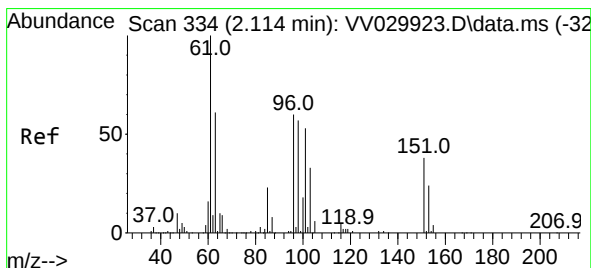
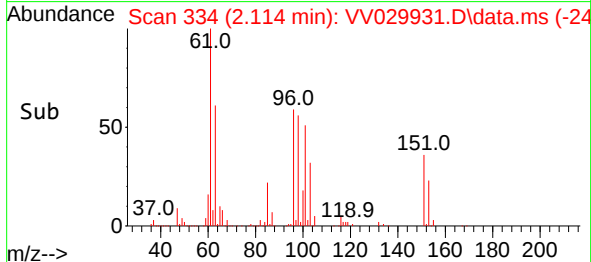
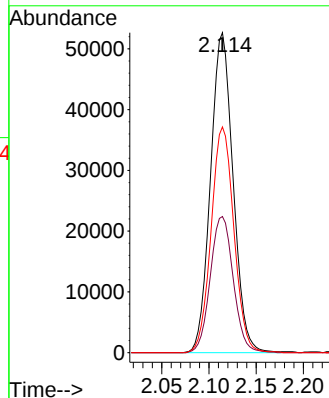
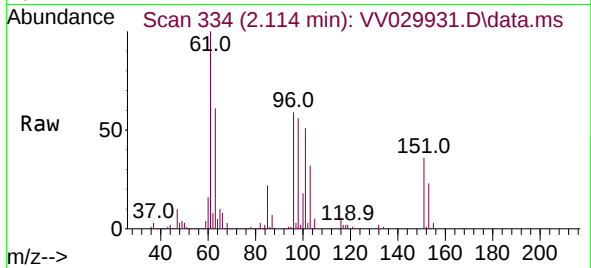
Tgt Ion:101 Resp: 87385

Ion Ratio Lower Upper

101 100

85 43.4 32.9 49.3

151 71.3 60.9 91.3



#12

1,1-Dichloroethene

Concen: 5.309 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

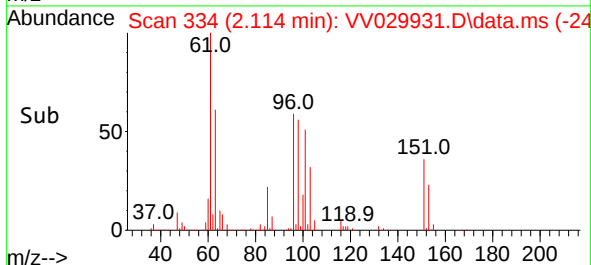
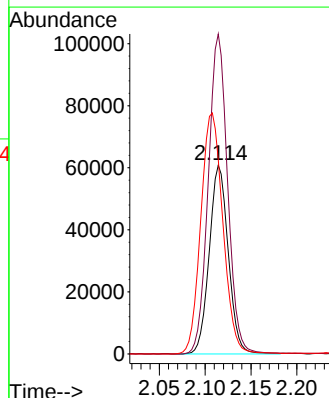
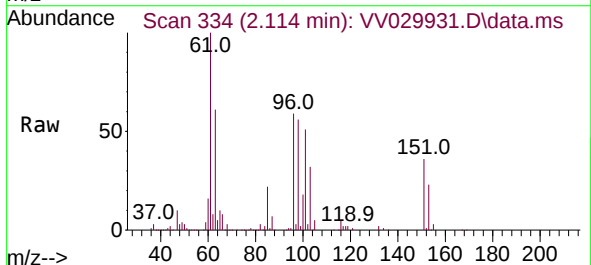
Tgt Ion: 96 Resp: 87719

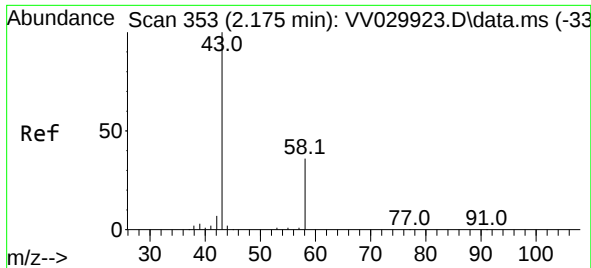
Ion Ratio Lower Upper

96 100

61 169.5 106.1 197.1

63 102.9 76.4 141.8





#13

Acetone

Concen: 49.826 ug/L

RT: 2.198 min Scan# 3

Delta R.T. 0.022 min

Lab File: VV029931.D

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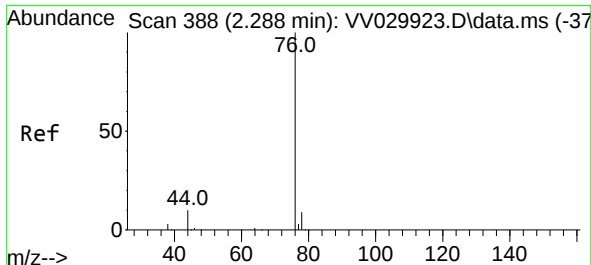
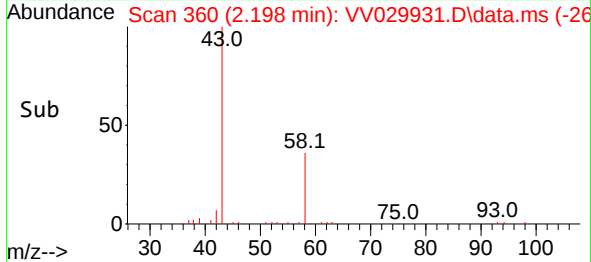
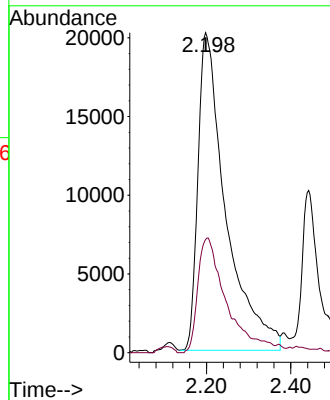
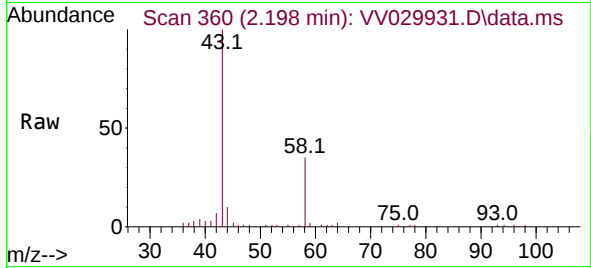
EX9G4MS

Tgt Ion: 43 Resp: 92507

Ion Ratio Lower Upper

43 100

58 37.2 0.0 68.8



#14

Carbon disulfide

Concen: 5.331 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

Lab File: VV029931.D

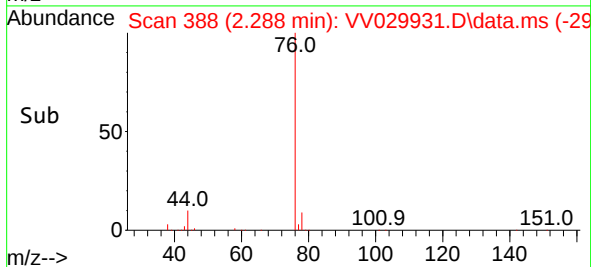
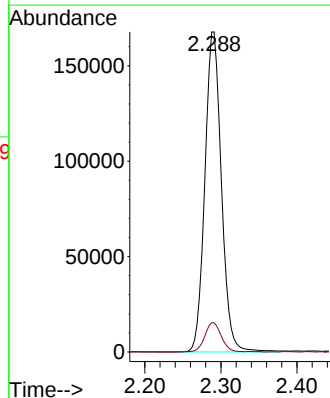
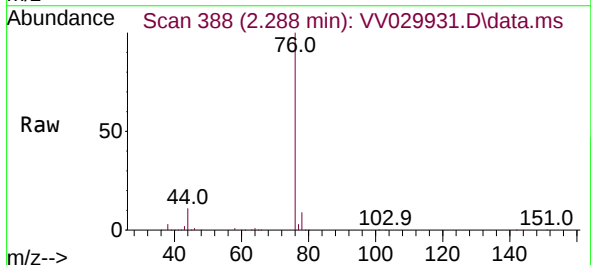
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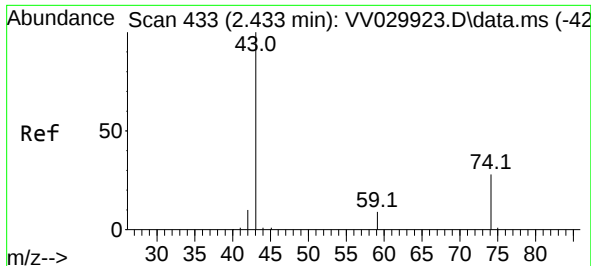
Tgt Ion: 76 Resp: 253592

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 5.160 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.010 min

Lab File: VV029931.D

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Instrument :

MSVOA_V

ClientSampleId :

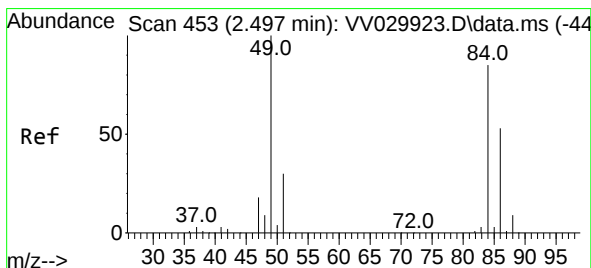
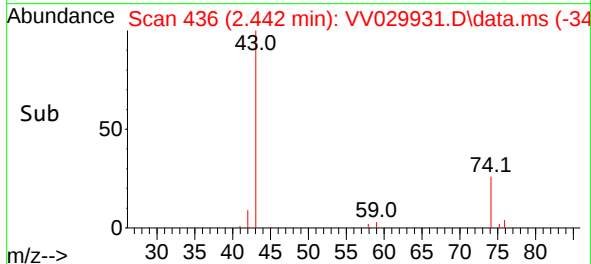
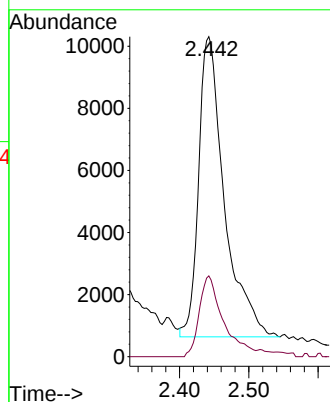
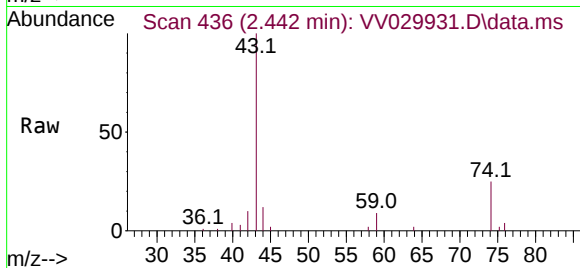
EX9G4MS

Tgt Ion: 43 Resp: 24951

Ion Ratio Lower Upper

43 100

74 25.1 23.4 35.0



#16

Methylene chloride

Concen: 4.577 ug/L

RT: 2.500 min Scan# 454

Delta R.T. 0.003 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

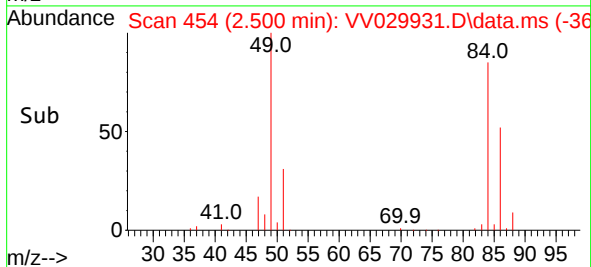
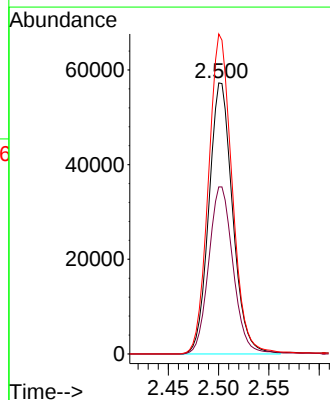
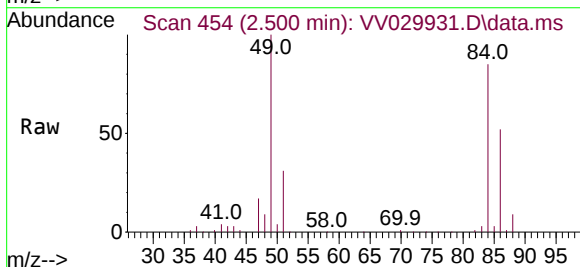
Tgt Ion: 84 Resp: 93934

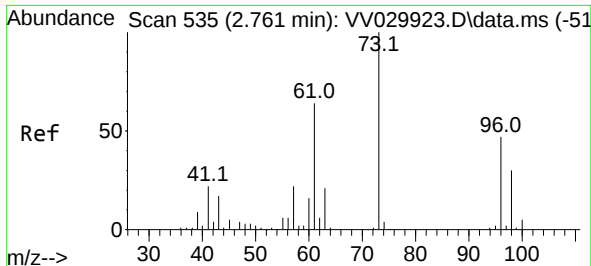
Ion Ratio Lower Upper

84 100

86 61.6 45.0 83.6

49 118.1 71.5 132.7





#17

Methyl tert-butyl Ether

Concen: 5.947 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

Instrument :

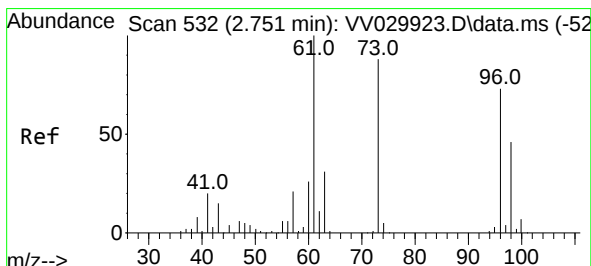
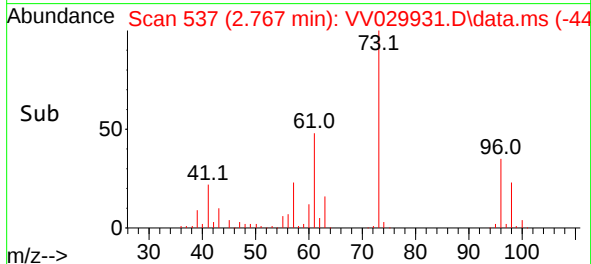
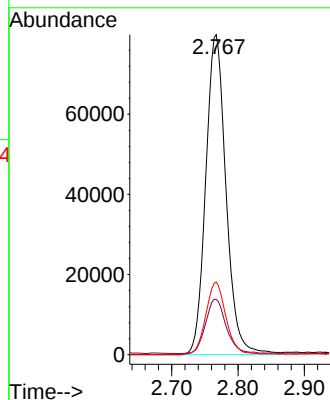
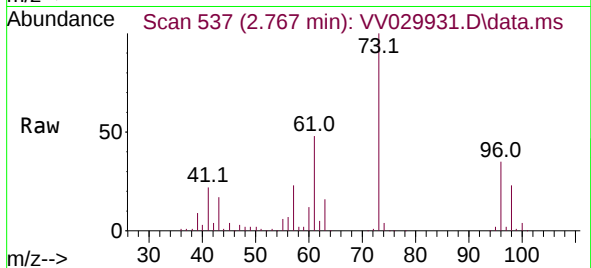
MSVOA_V

ClientSampleId :

EX9G4MS

Tgt Ion: 73 Resp: 169892

Ion	Ratio	Lower	Upper
73	100		
43	17.3	13.0	19.4
57	22.6	17.1	25.7



#18

trans-1,2-Dichloroethene

Concen: 5.734 ug/L

RT: 2.754 min Scan# 533

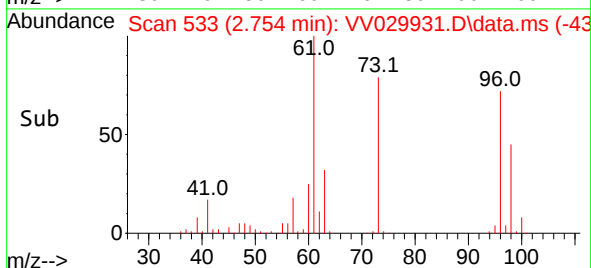
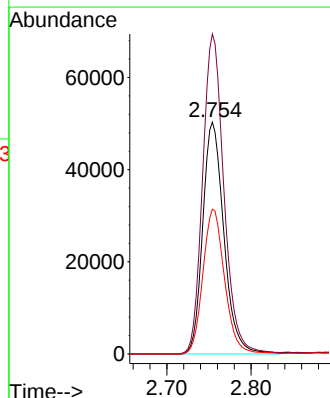
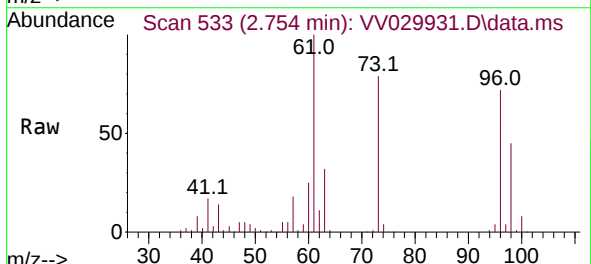
Delta R.T. 0.003 min

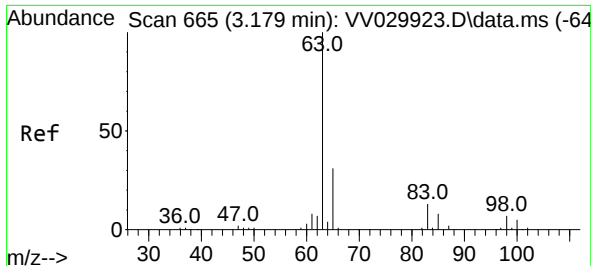
Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

Tgt Ion: 96 Resp: 88062

Ion	Ratio	Lower	Upper
96	100		
61	138.1	86.1	159.9
98	62.5	43.9	81.5





#19

1,1-Dichloroethane

Concen: 6.709 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

Instrument :

MSVOA_V

ClientSampleId :

EX9G4MS

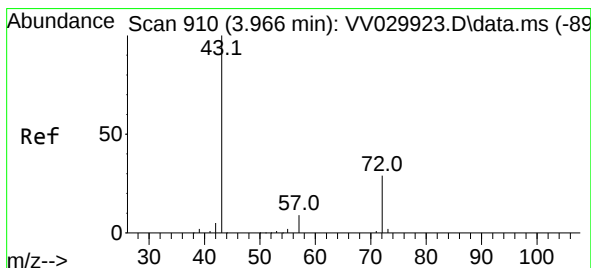
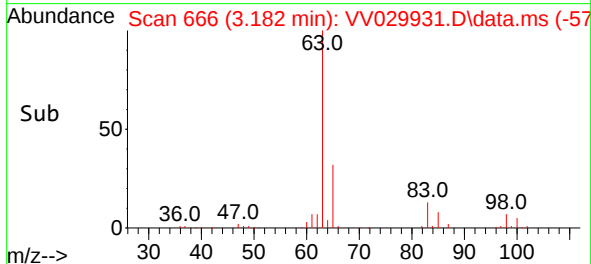
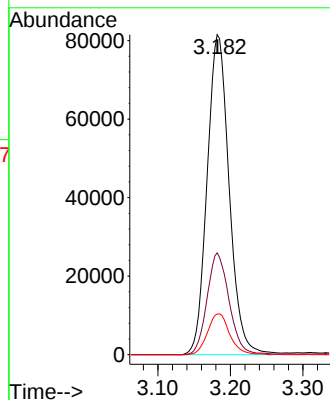
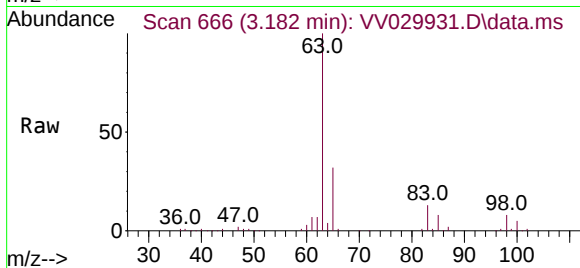
Tgt Ion: 63 Resp: 172371

Ion Ratio Lower Upper

63 100

65 31.8 22.4 41.6

83 12.7 10.2 19.0



#21

2-Butanone

Concen: 51.106 ug/L

RT: 3.992 min Scan# 918

Delta R.T. 0.026 min

Lab File: VV029931.D

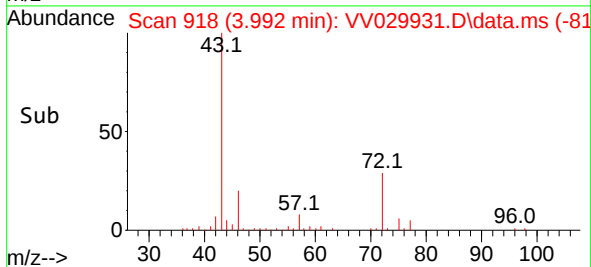
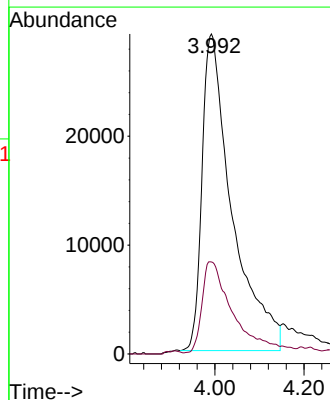
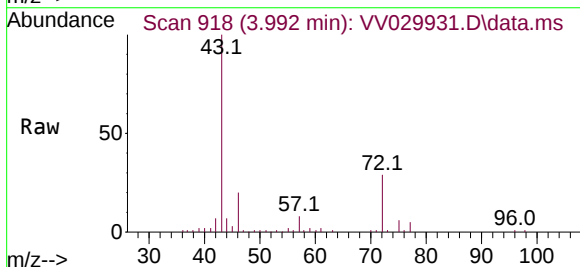
Acq: 24 Jan 2023 18:27

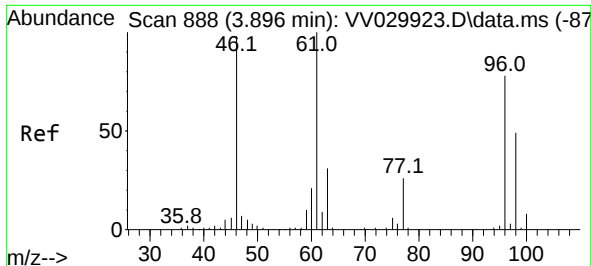
Tgt Ion: 43 Resp: 135931

Ion Ratio Lower Upper

43 100

72 29.0 13.9 41.6

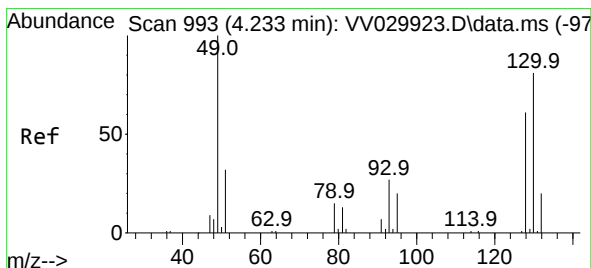
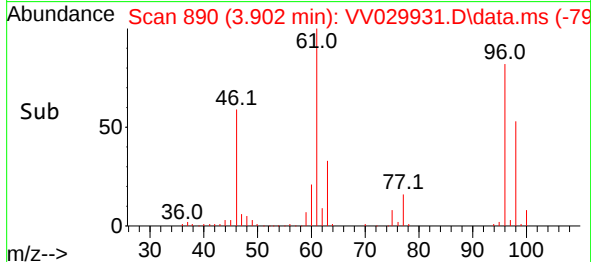
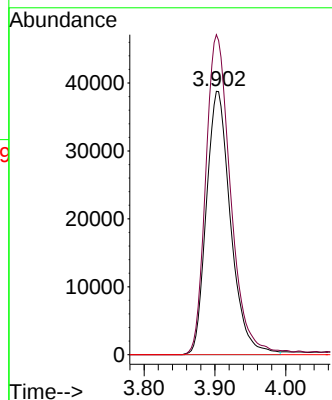
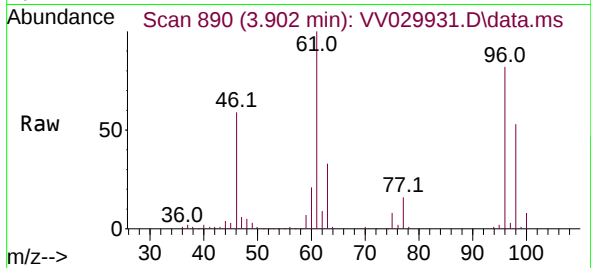




#22
 cis-1,2-Dichloroethene
 Concen: 5.639 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.006 min
 Lab File: VV029931.D
 Acq: 24 Jan 2023 18:27

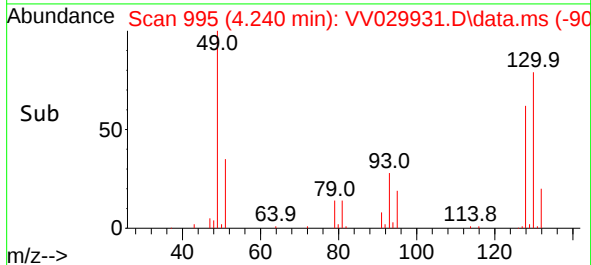
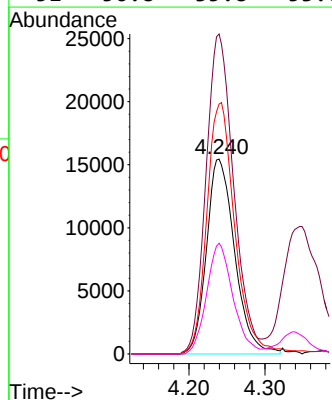
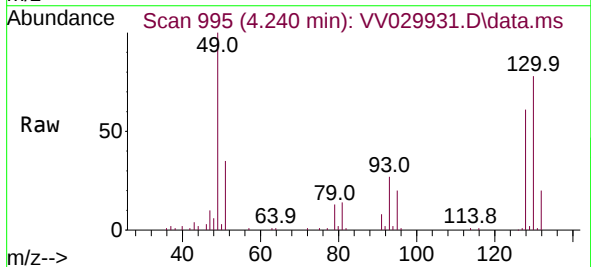
Instrument :
 MSVOA_V
 ClientSampleId :
 EX9G4MS

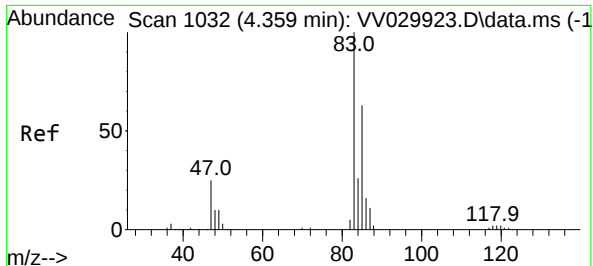
Tgt Ion: 96 Resp: 92285
 Ion Ratio Lower Upper
 96 100
 61 121.5 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.873 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.006 min
 Lab File: VV029931.D
 Acq: 24 Jan 2023 18:27

Tgt Ion: 128 Resp: 39695
 Ion Ratio Lower Upper
 128 100
 49 164.2 91.2 169.4
 130 128.2 87.0 161.6
 51 56.8 35.8 53.6#





#25

Chloroform

Concen: 5.883 ug/L

RT: 4.368 min Scan# 1032

Delta R.T. 0.010 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

Instrument :

MSVOA_V

ClientSampleId :

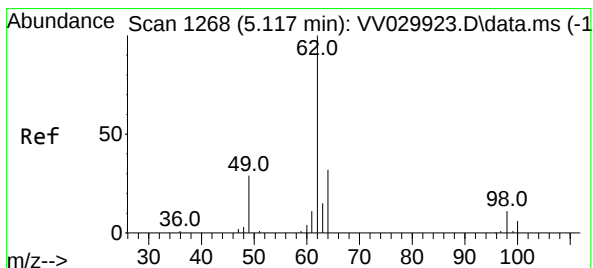
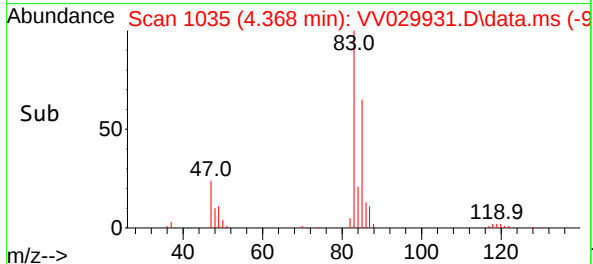
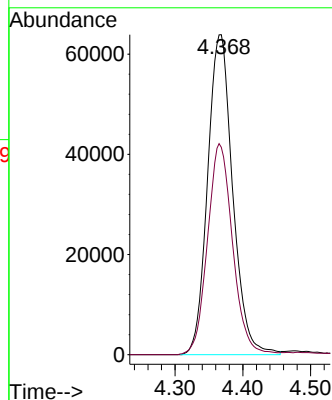
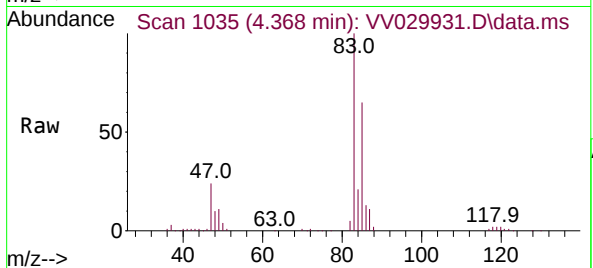
EX9G4MS

Tgt Ion: 83 Resp: 164313

Ion Ratio Lower Upper

83 100

85 64.8 46.5 86.5



#27

1,2-Dichloroethane

Concen: 6.329 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VV029931.D

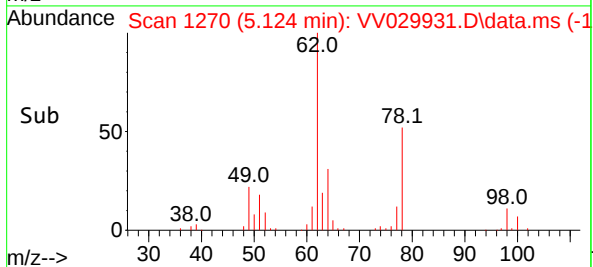
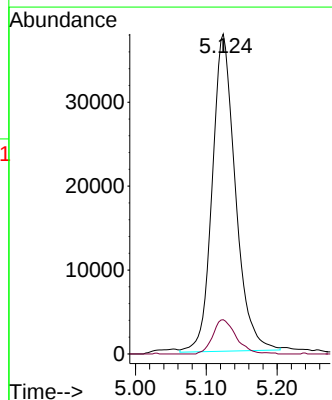
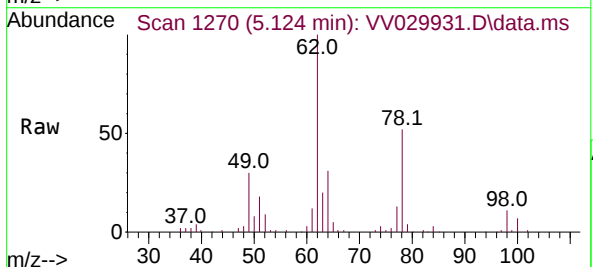
Acq: 24 Jan 2023 18:27

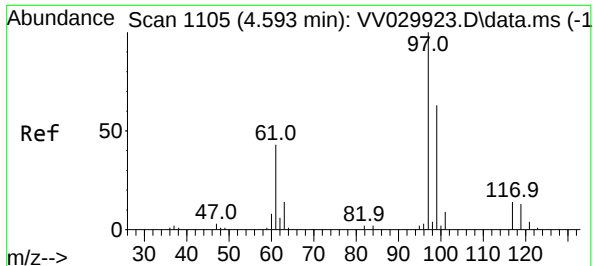
Tgt Ion: 62 Resp: 85873

Ion Ratio Lower Upper

62 100

98 10.7 8.9 13.3





#29

1,1,1-Trichloroethane

Concen: 5.333 ug/L

RT: 4.600 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

Instrument :

MSVOA_V

ClientSampleId :

EX9G4MS

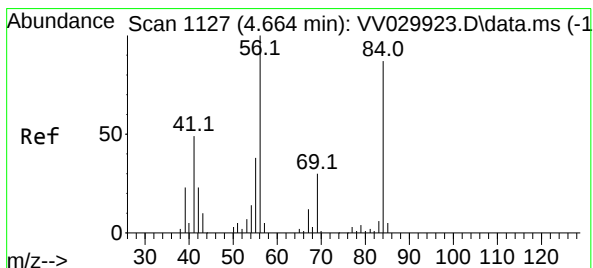
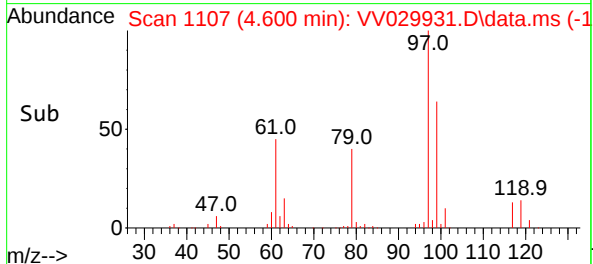
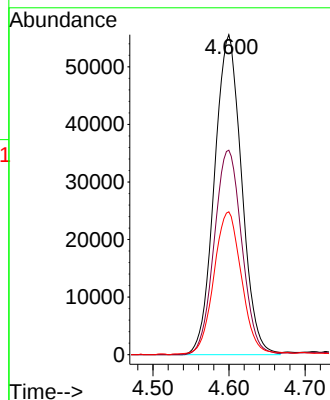
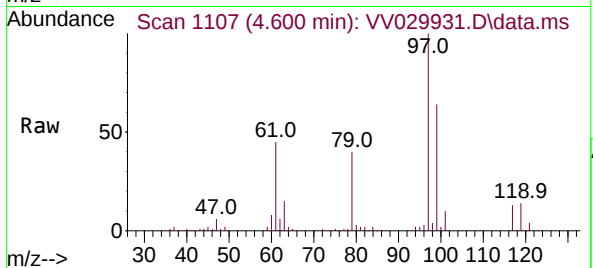
Tgt Ion: 97 Resp: 138116

Ion Ratio Lower Upper

97 100

99 64.9 51.3 76.9

61 45.8 31.6 47.4



#30

Cyclohexane

Concen: 5.480 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.003 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

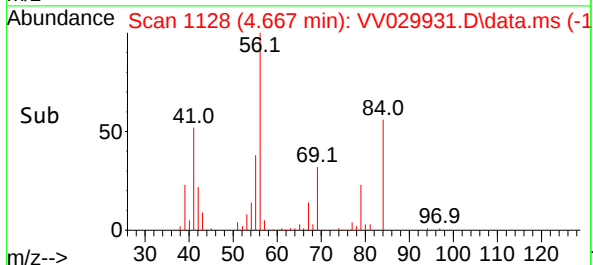
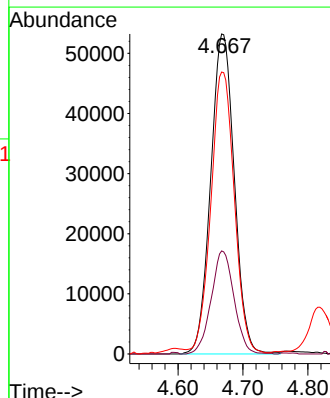
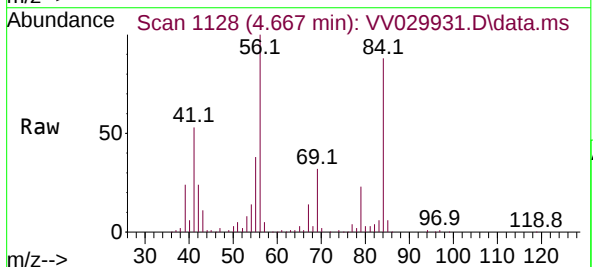
Tgt Ion: 56 Resp: 134365

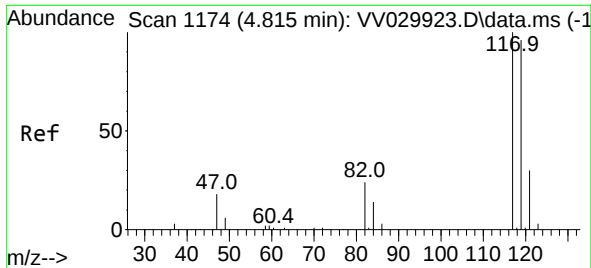
Ion Ratio Lower Upper

56 100

69 31.1 26.7 40.1

84 87.3 73.8 110.8

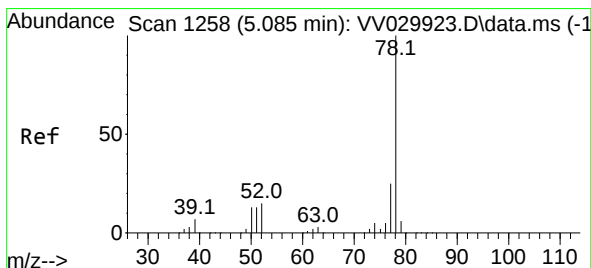
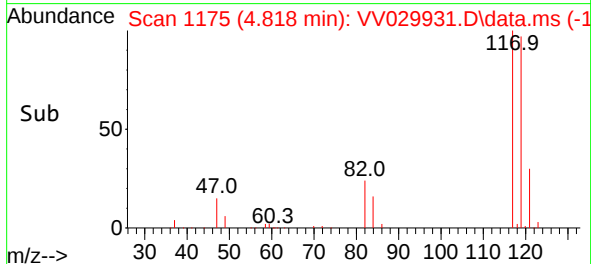
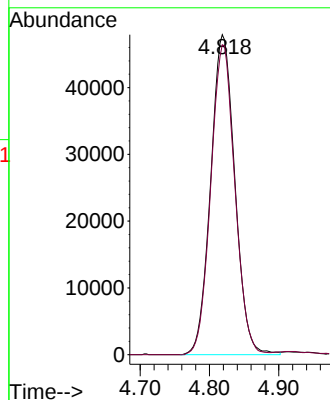
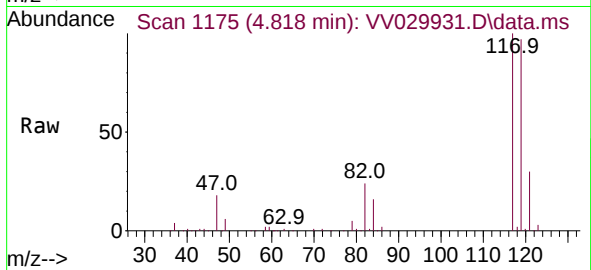




#31
Carbon tetrachloride
Concen: 5.159 ug/L
RT: 4.818 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VV029931.D
Acq: 24 Jan 2023 18:27

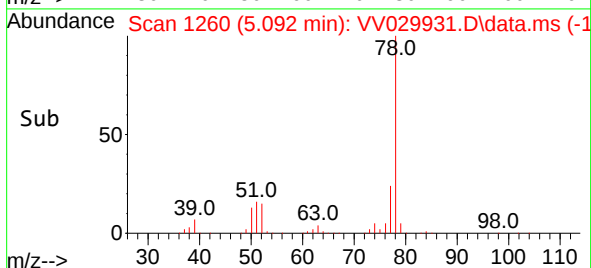
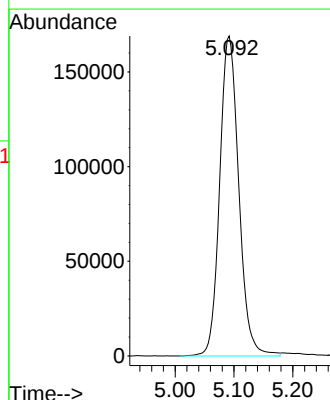
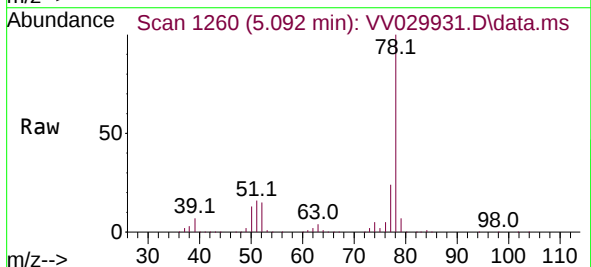
Instrument :
MSVOA_V
ClientSampleId :
EX9G4MS

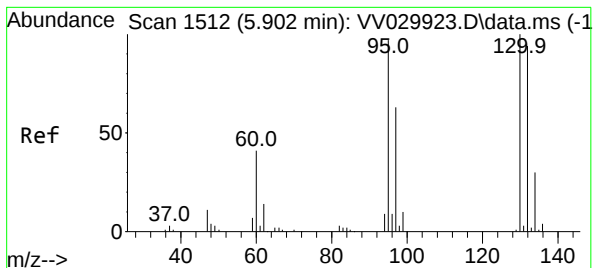
Tgt Ion:117 Resp: 116266
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8



#33
Benzene
Concen: 5.771 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VV029931.D
Acq: 24 Jan 2023 18:27

Tgt Ion: 78 Resp: 380578





#34

Trichloroethene

Concen: 5.439 ug/L

RT: 5.905 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

Instrument :

MSVOA_V

ClientSampleId :

EX9G4MS

Tgt Ion: 95 Resp: 90901

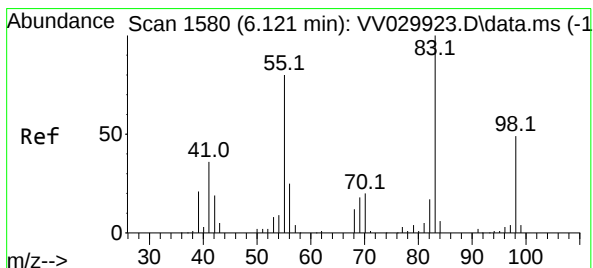
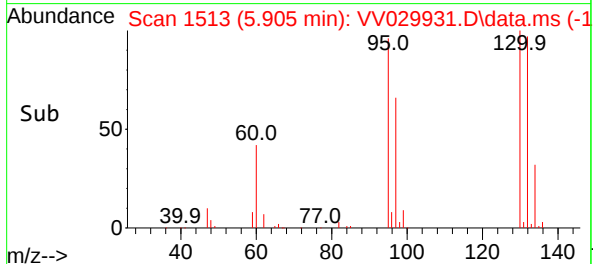
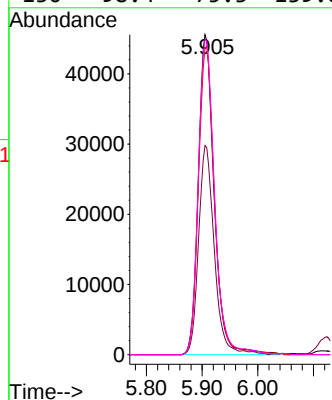
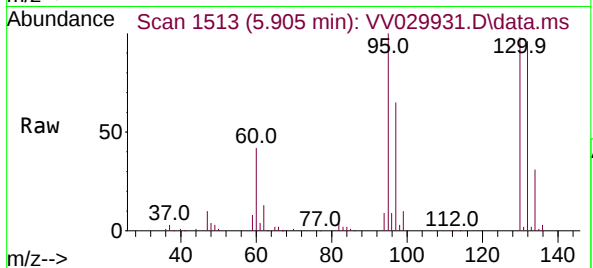
Ion Ratio Lower Upper

95 100

97 65.3 44.9 83.3

132 95.8 71.8 133.4

130 98.4 75.3 139.8



#35

Methylcyclohexane

Concen: 5.067 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.003 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

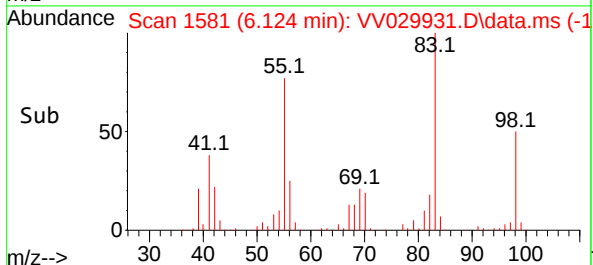
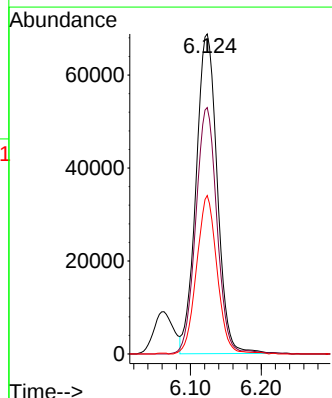
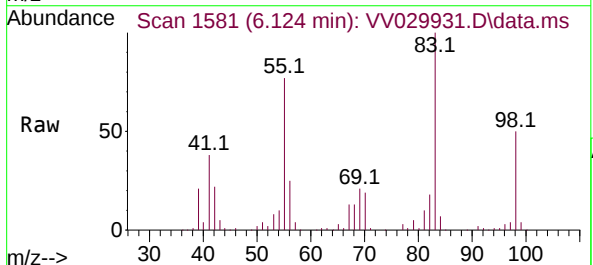
Tgt Ion: 83 Resp: 142956

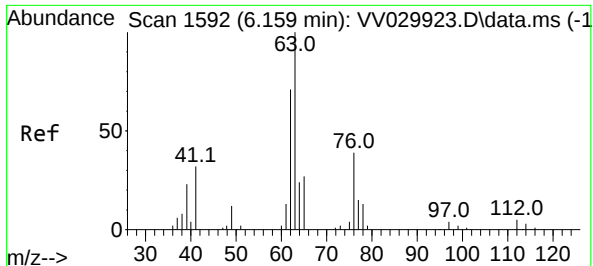
Ion Ratio Lower Upper

83 100

55 76.7 57.3 85.9

98 48.1 39.0 58.6





#37

1,2-Dichloropropane

Concen: 6.175 ug/L

RT: 6.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

Instrument :

MSVOA_V

ClientSampleId :

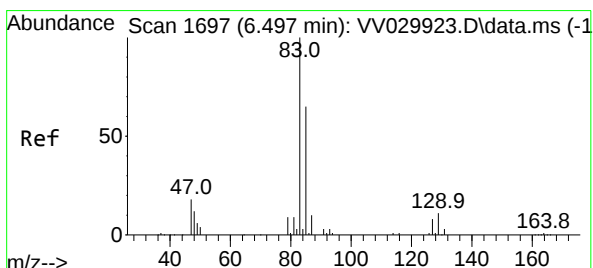
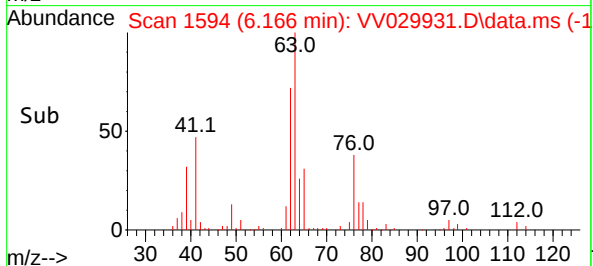
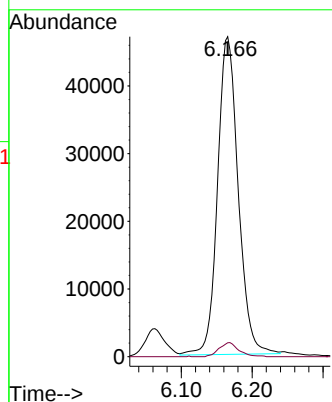
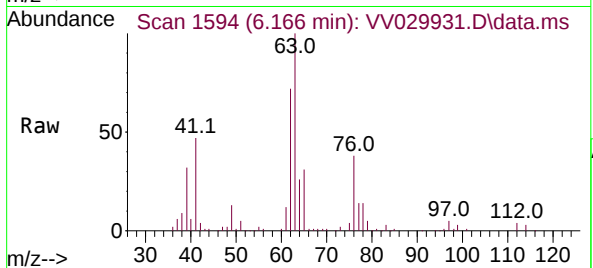
EX9G4MS

Tgt Ion: 63 Resp: 95368

Ion Ratio Lower Upper

63 100

112 4.2 3.9 5.9



#38

Bromodichloromethane

Concen: 5.688 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. 0.003 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

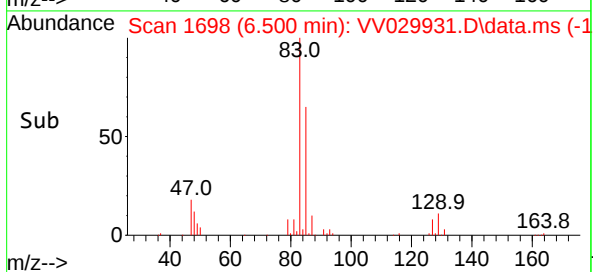
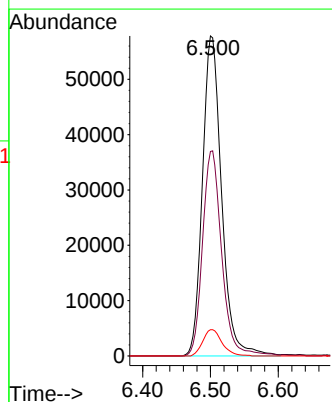
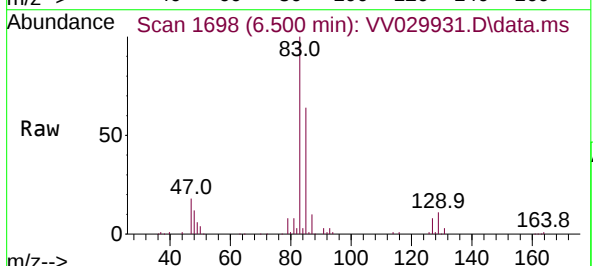
Tgt Ion: 83 Resp: 113622

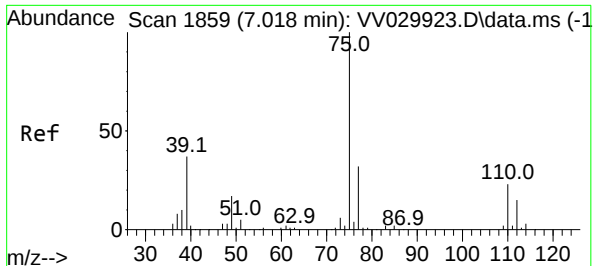
Ion Ratio Lower Upper

83 100

85 63.9 43.2 80.2

127 8.2 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.239 ug/L

RT: 7.021 min Scan# 1859

Delta R.T. 0.003 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

Instrument :

MSVOA_V

ClientSampleId :

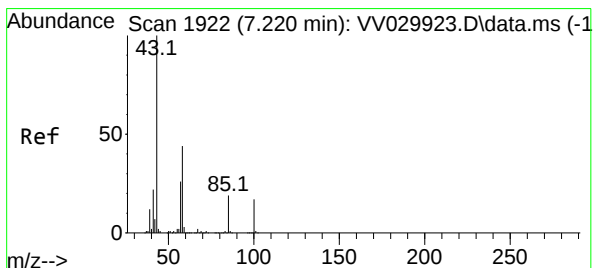
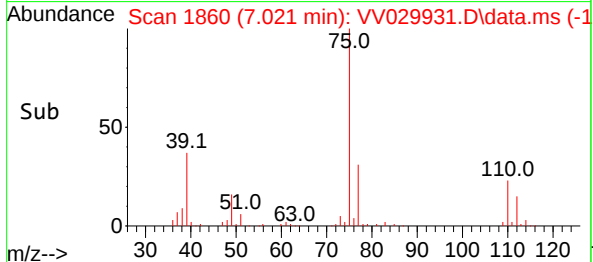
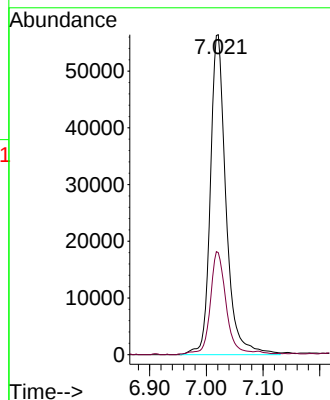
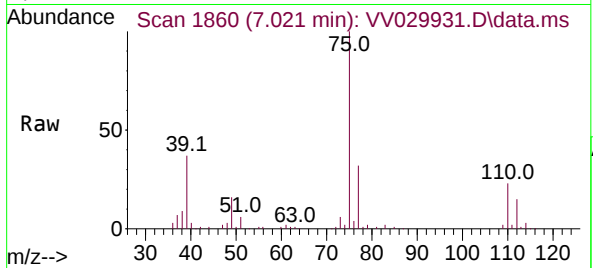
EX9G4MS

Tgt Ion: 75 Resp: 108498

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 62.690 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

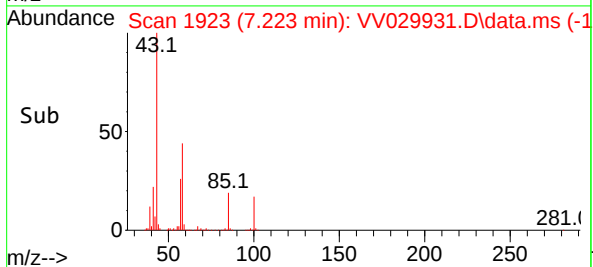
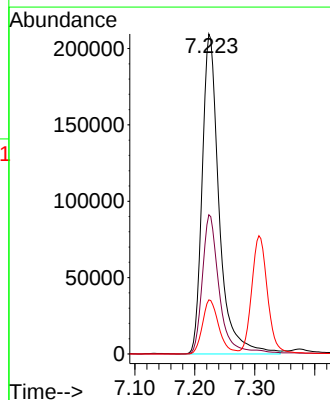
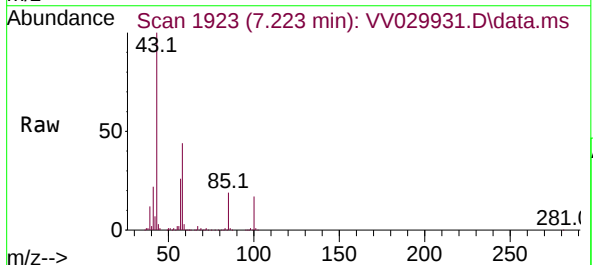
Tgt Ion: 43 Resp: 413170

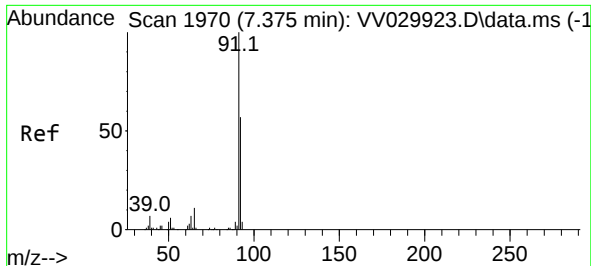
Ion Ratio Lower Upper

43 100

58 43.7 36.7 55.1

100 16.3 15.6 23.4





#42

Toluene

Concen: 5.682 ug/L

RT: 7.378 min Scan# 1970

Delta R.T. 0.003 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

Instrument :

MSVOA_V

ClientSampleId :

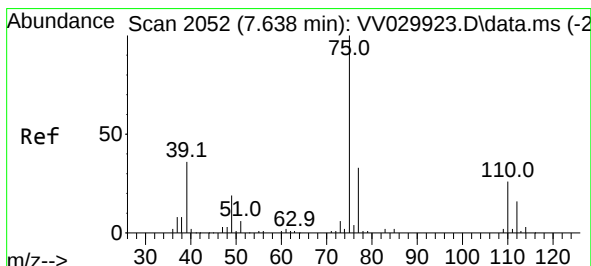
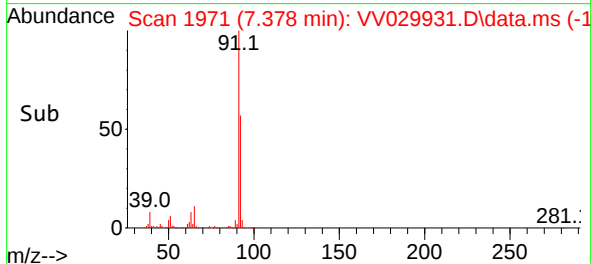
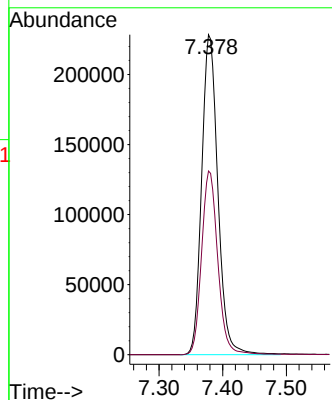
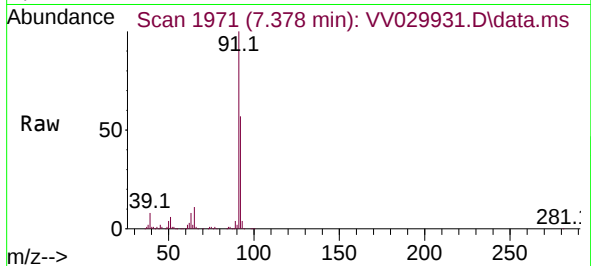
EX9G4MS

Tgt Ion: 91 Resp: 404132

Ion Ratio Lower Upper

91 100

92 57.4 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.206 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. 0.003 min

Lab File: VV029931.D

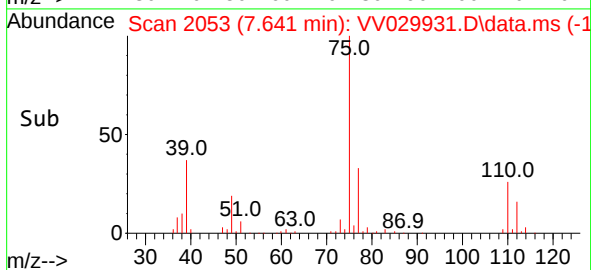
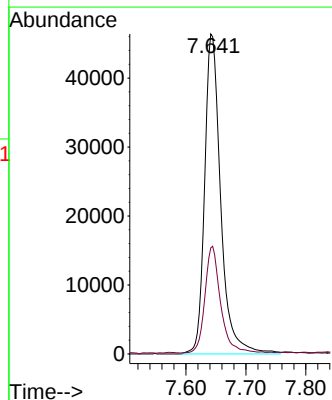
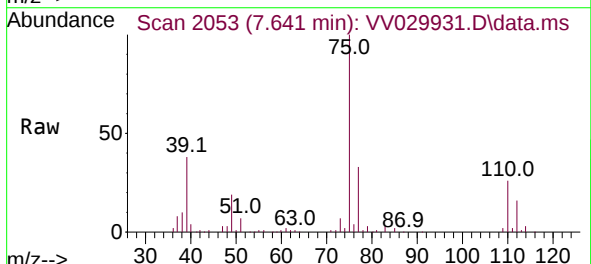
Acq: 24 Jan 2023 18:27

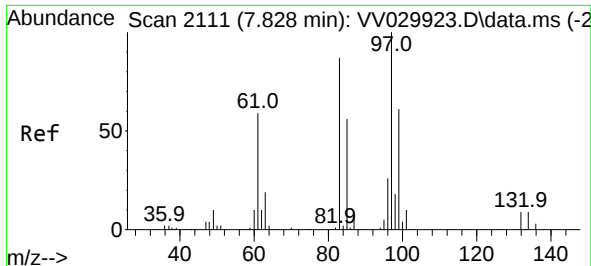
Tgt Ion: 75 Resp: 86884

Ion Ratio Lower Upper

75 100

77 33.2 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 5.535 ug/L

RT: 7.831 min Scan# 2112

Delta R.T. 0.003 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

Instrument :

MSVOA_V

ClientSampleId :

EX9G4MS

Tgt Ion: 97 Resp: 61587

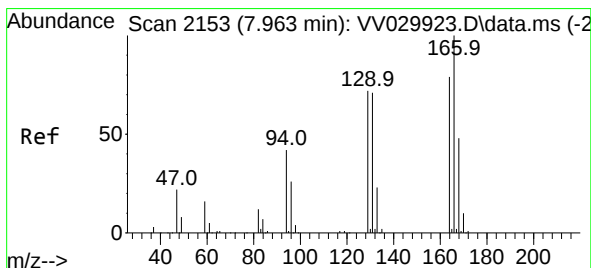
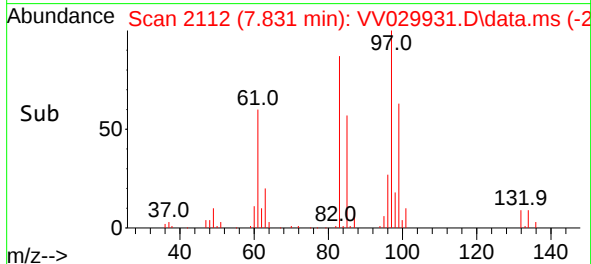
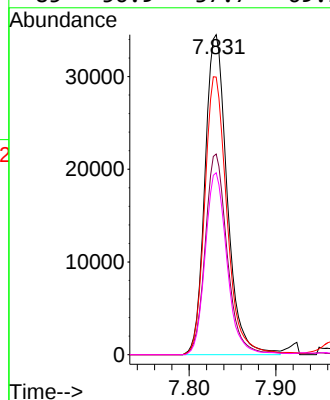
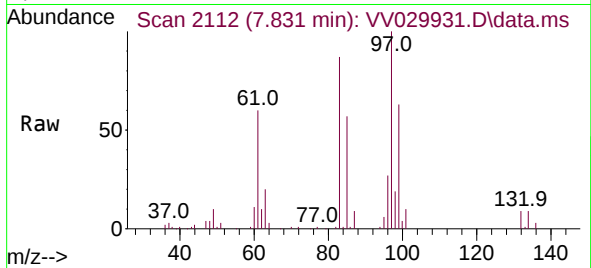
Ion Ratio Lower Upper

97 100

99 62.7 41.9 77.7

83 86.7 58.7 109.1

85 56.9 37.7 69.9



#47

Tetrachloroethene

Concen: 5.280 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. 0.003 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

Tgt Ion:164 Resp: 74297

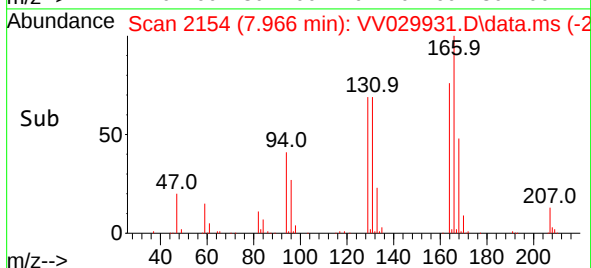
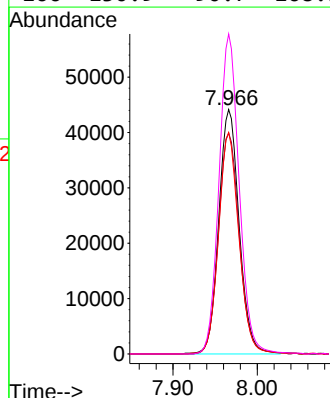
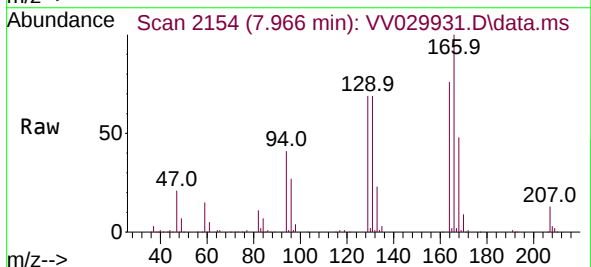
Ion Ratio Lower Upper

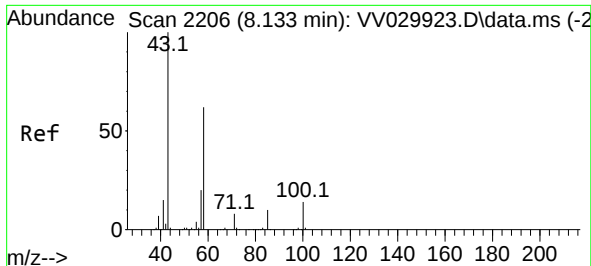
164 100

129 90.3 64.5 119.7

131 90.5 62.9 116.7

166 130.9 90.7 168.5



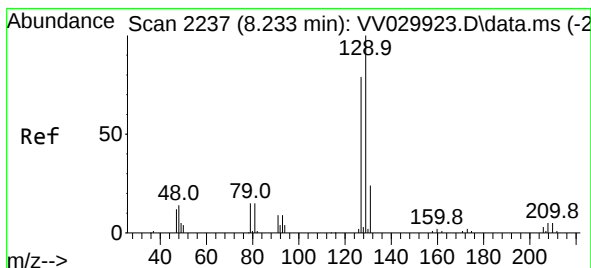
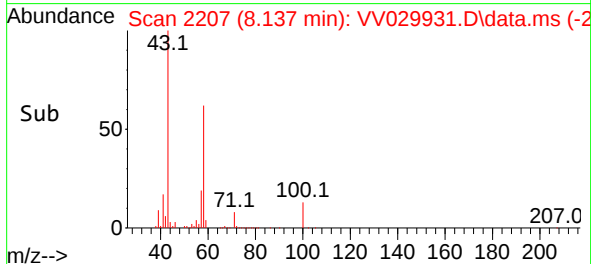
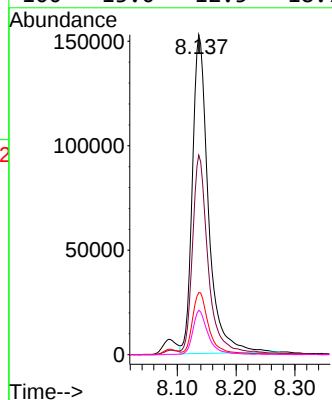
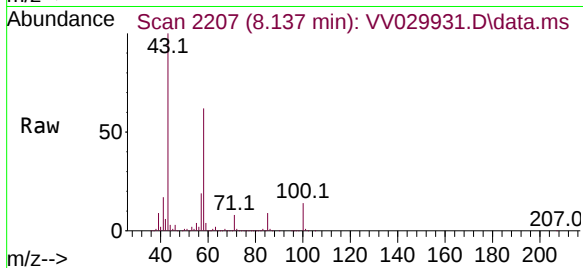


#48
2-Hexanone
Concen: 61.238 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029931.D
Acq: 24 Jan 2023 18:27

Instrument :
MSVOA_V
ClientSampleId :
EX9G4MS

Tgt Ion: 43 Resp: 288475

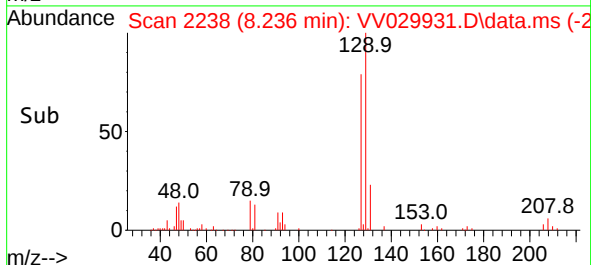
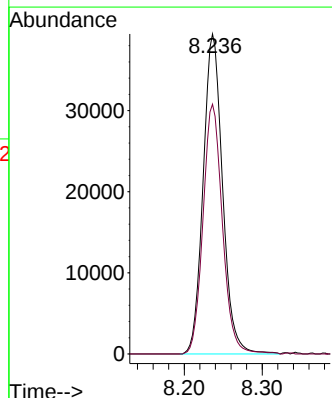
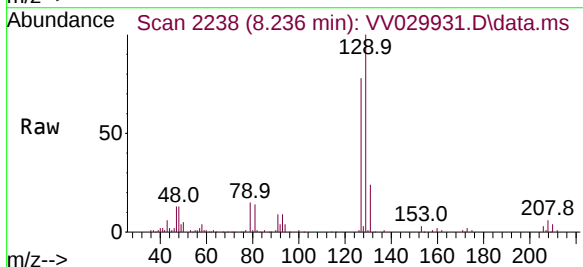
Ion	Ratio	Lower	Upper
43	100		
58	58.9	51.4	77.2
57	19.2	17.0	25.6
100	13.0	12.5	18.7

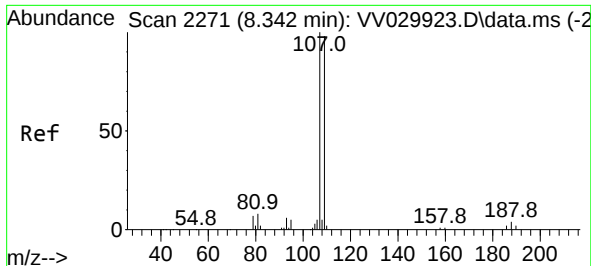


#49
Dibromochloromethane
Concen: 5.235 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.003 min
Lab File: VV029931.D
Acq: 24 Jan 2023 18:27

Tgt Ion: 129 Resp: 68365

Ion	Ratio	Lower	Upper
129	100		
127	78.1	54.1	100.5





#50

1,2-Dibromoethane

Concen: 5.618 ug/L

RT: 8.342 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

Instrument :

MSVOA_V

ClientSampleId :

EX9G4MS

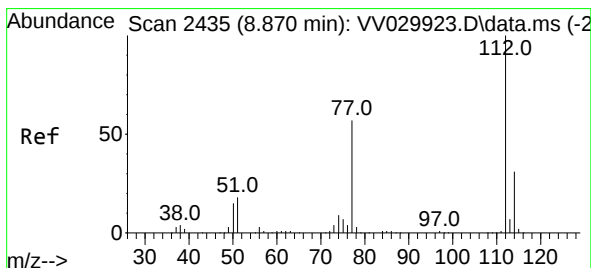
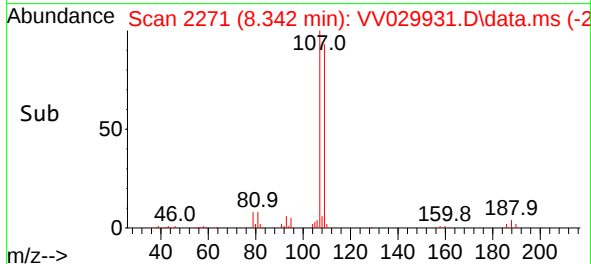
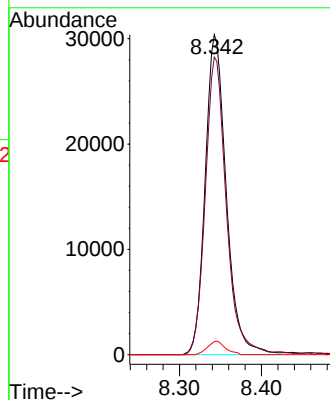
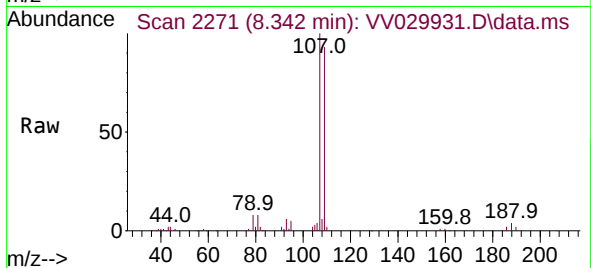
Tgt Ion:107 Resp: 54266

Ion Ratio Lower Upper

107 100

109 93.0 66.1 122.7

188 4.0 2.9 4.3



#51

Chlorobenzene

Concen: 5.522 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.003 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

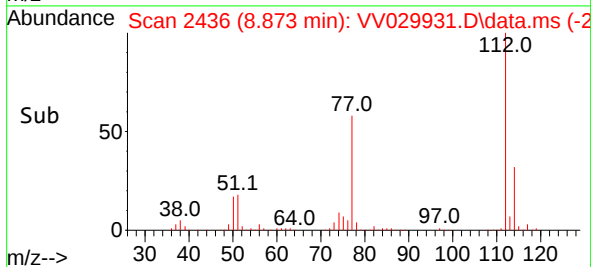
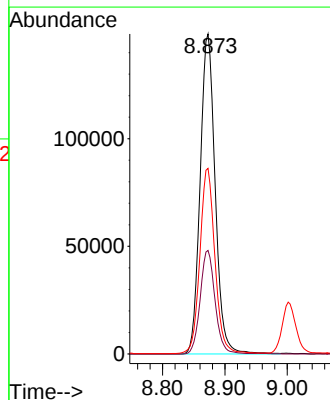
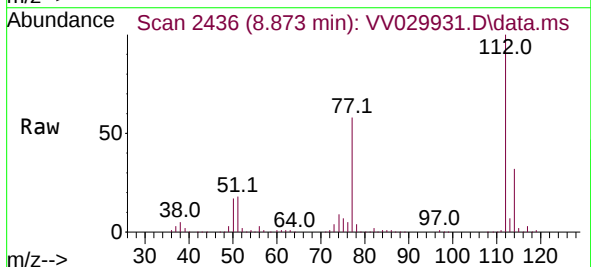
Tgt Ion:112 Resp: 249376

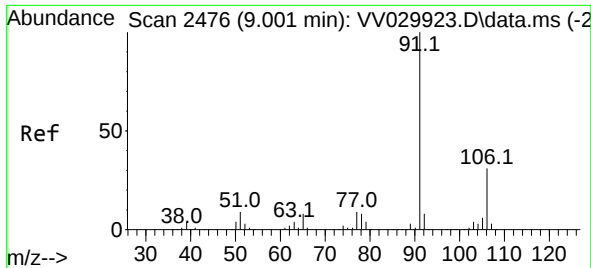
Ion Ratio Lower Upper

112 100

114 32.4 22.5 41.9

77 58.0 46.1 69.1

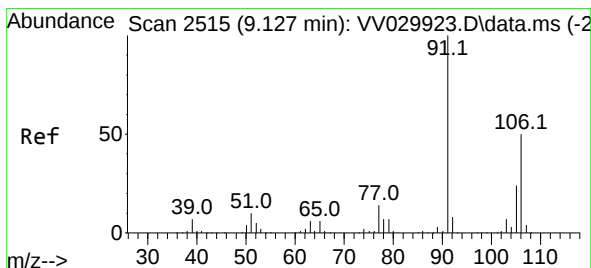
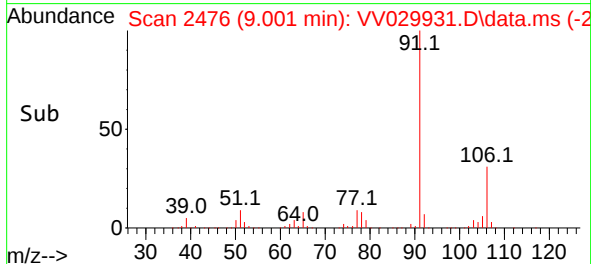
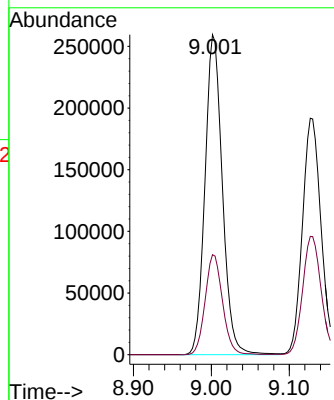
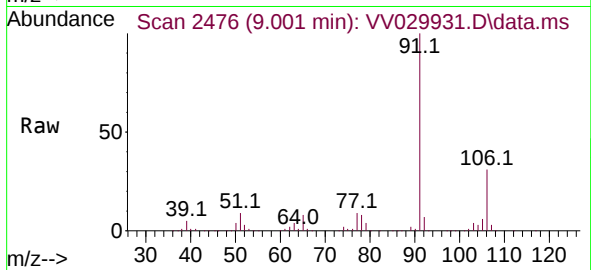




#52
Ethylbenzene
Concen: 5.410 ug/L
RT: 9.001 min Scan# 2476
Delta R.T. 0.000 min
Lab File: VV029931.D
Acq: 24 Jan 2023 18:27

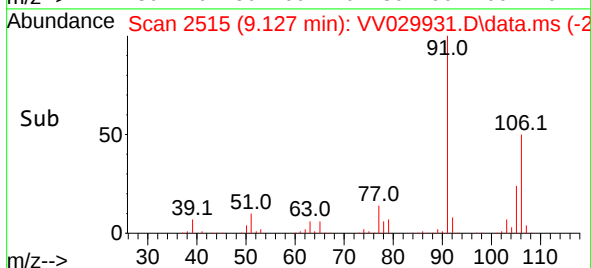
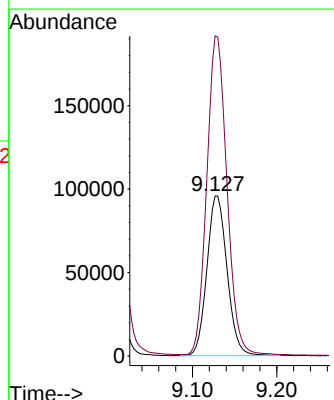
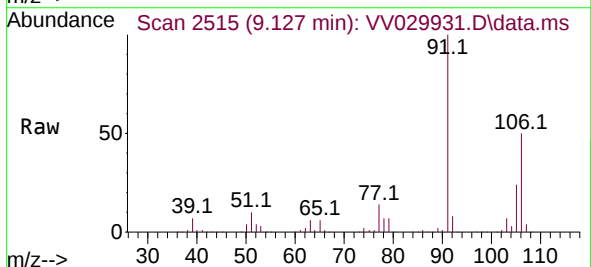
Instrument :
MSVOA_V
ClientSampleId :
EX9G4MS

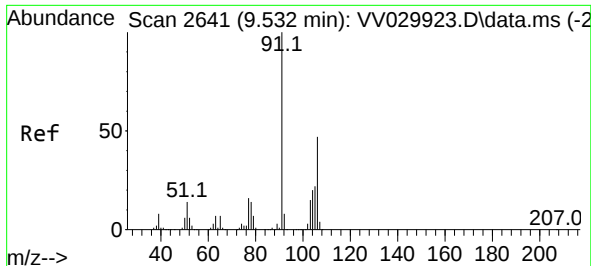
Tgt Ion: 91 Resp: 402692
Ion Ratio Lower Upper
91 100
106 31.3 21.9 40.7



#53
m,p-Xylene
Concen: 5.409 ug/L
RT: 9.127 min Scan# 2515
Delta R.T. 0.000 min
Lab File: VV029931.D
Acq: 24 Jan 2023 18:27

Tgt Ion: 106 Resp: 159365
Ion Ratio Lower Upper
106 100
91 199.9 138.7 257.7

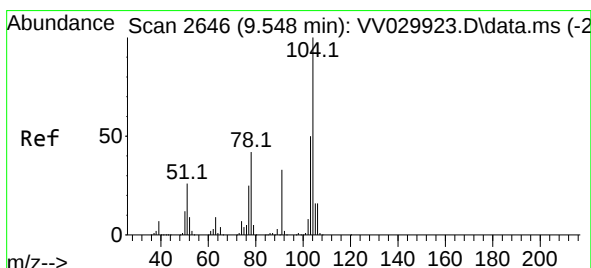
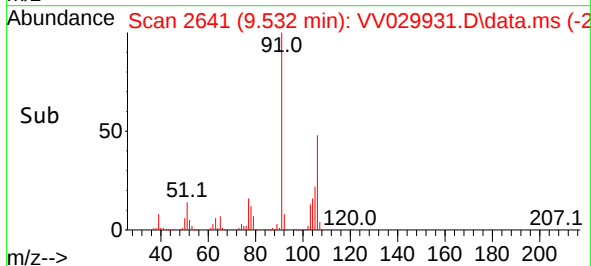
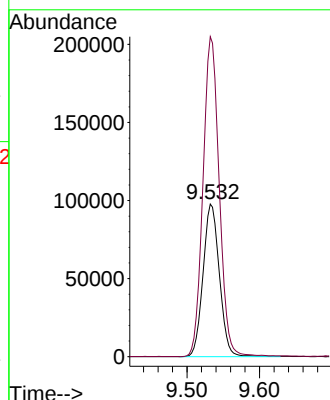
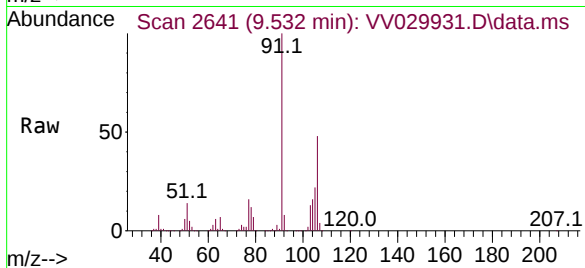




#54
o-Xylene
Concen: 5.471 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. 0.000 min
Lab File: VV029931.D
Acq: 24 Jan 2023 18:27

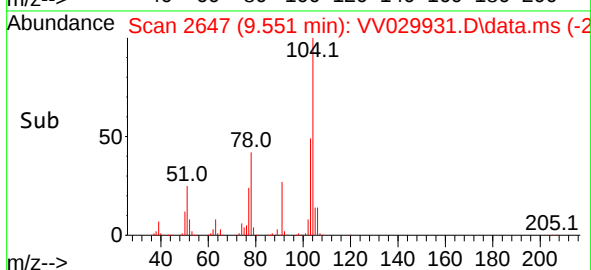
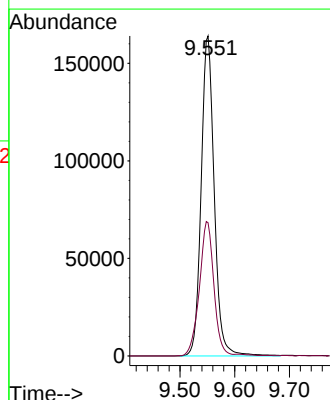
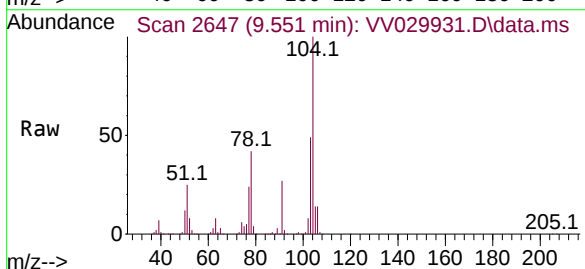
Instrument :
MSVOA_V
ClientSampleId :
EX9G4MS

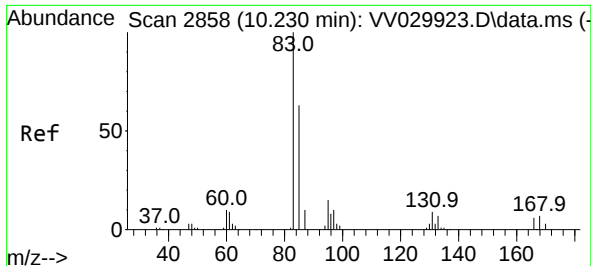
Tgt Ion:106 Resp: 153001
Ion Ratio Lower Upper
106 100
91 209.7 147.7 274.3



#55
Styrene
Concen: 5.665 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.003 min
Lab File: VV029931.D
Acq: 24 Jan 2023 18:27

Tgt Ion:104 Resp: 272436
Ion Ratio Lower Upper
104 100
78 41.6 28.6 53.2





#57

1,1,2,2-Tetrachloroethane

Concen: 6.123 ug/L

RT: 10.230 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

Instrument :

MSVOA_V

ClientSampleId :

EX9G4MS

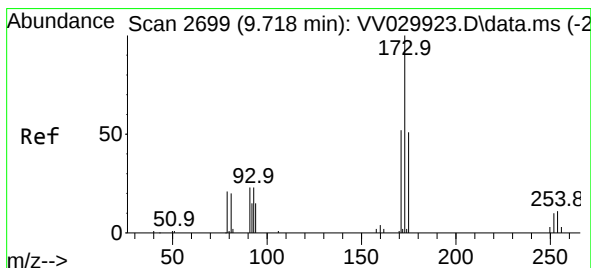
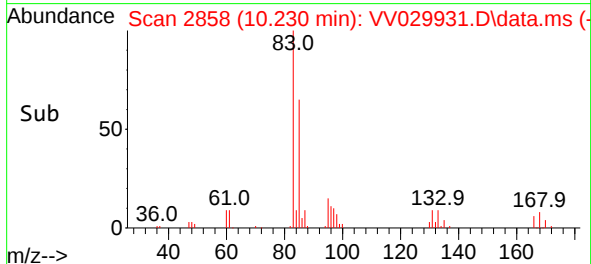
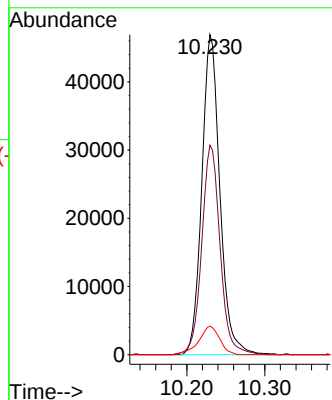
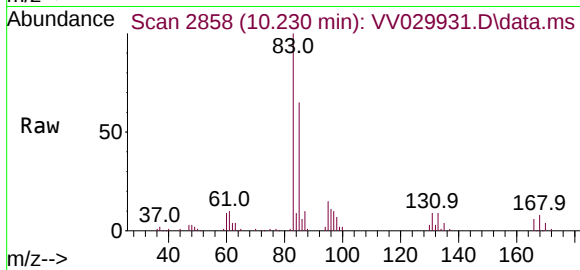
Tgt Ion: 83 Resp: 75686

Ion Ratio Lower Upper

83 100

85 65.5 46.0 85.4

131 8.9 8.4 12.6



#59

Bromoform

Concen: 4.157 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. 0.003 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

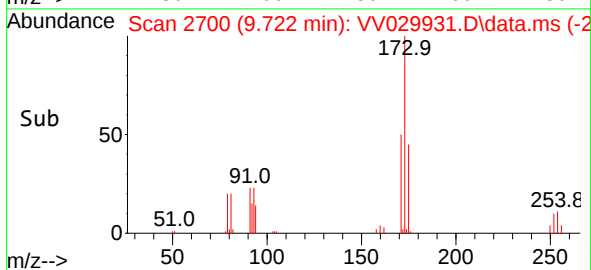
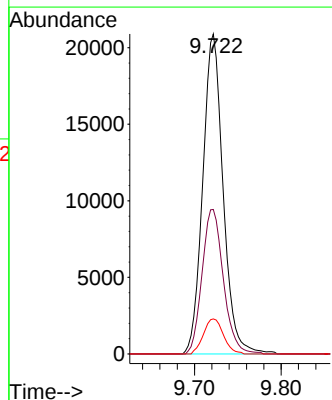
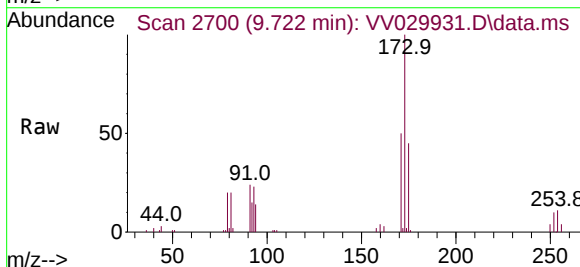
Tgt Ion: 173 Resp: 34100

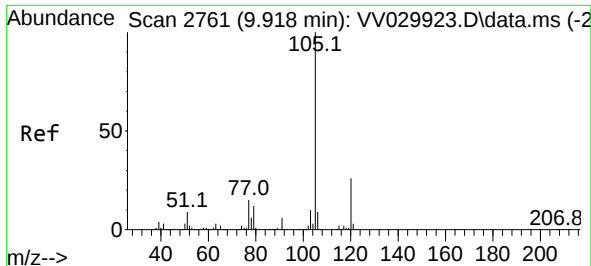
Ion Ratio Lower Upper

173 100

175 47.2 38.6 57.8

254 10.7 7.9 11.9

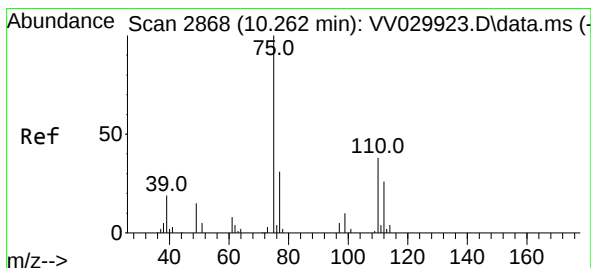
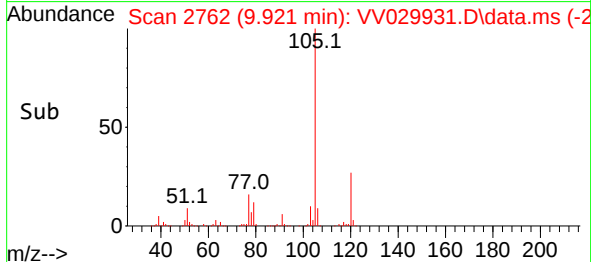
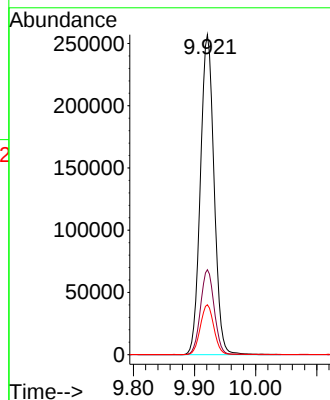
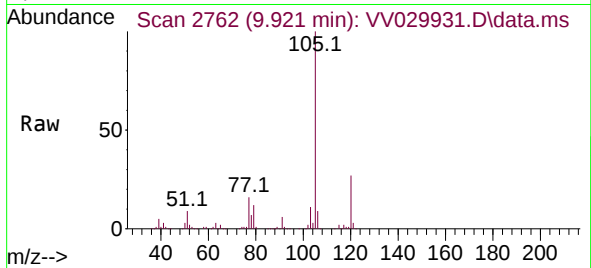




#60
Isopropylbenzene
Concen: 4.931 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029931.D
Acq: 24 Jan 2023 18:27

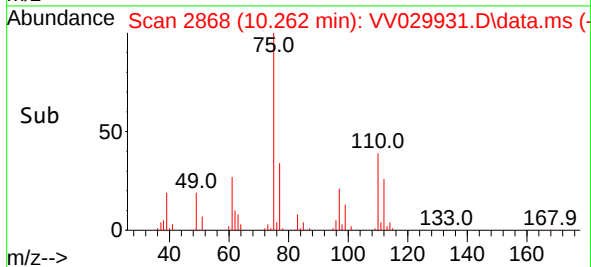
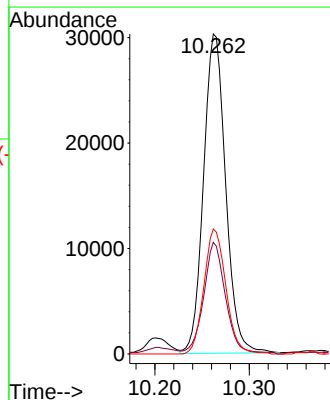
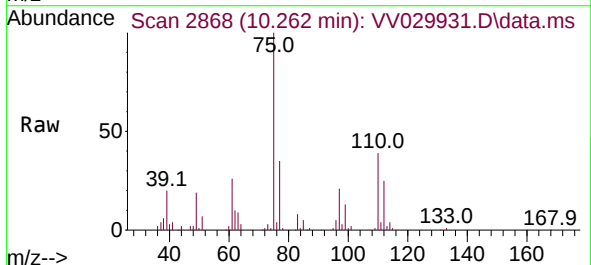
Instrument :
MSVOA_V
ClientSampleId :
EX9G4MS

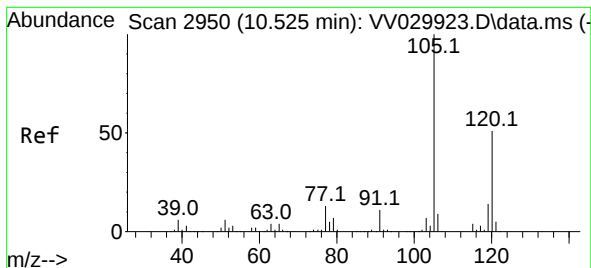
Tgt Ion:105 Resp: 399185
Ion Ratio Lower Upper
105 100
120 26.7 21.2 31.8
77 15.4 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.255 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. 0.000 min
Lab File: VV029931.D
Acq: 24 Jan 2023 18:27

Tgt Ion: 75 Resp: 49275
Ion Ratio Lower Upper
75 100
77 34.7 26.5 39.7
110 38.9 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 4.704 ug/L

RT: 10.529 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

Instrument :

MSVOA_V

ClientSampleId :

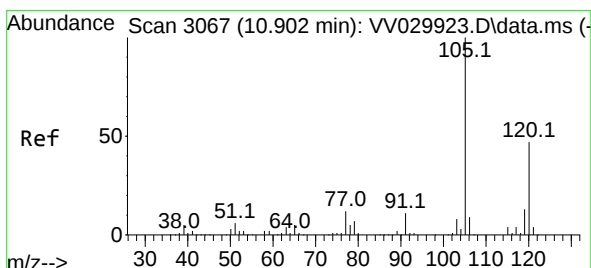
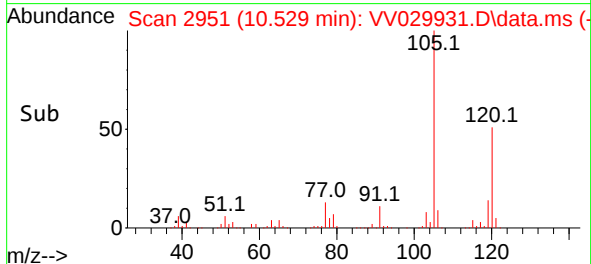
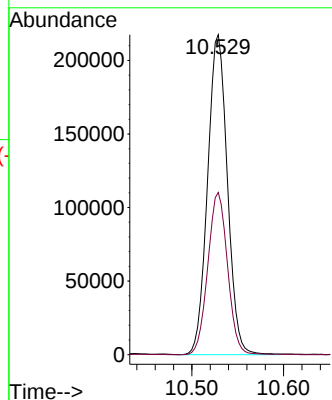
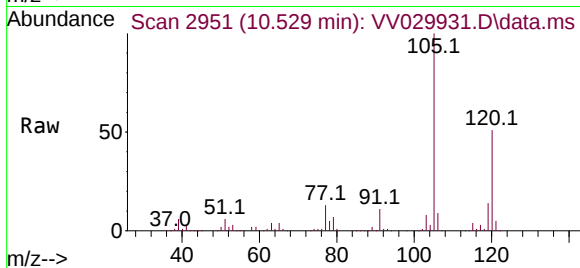
EX9G4MS

Tgt Ion:105 Resp: 326323

Ion Ratio Lower Upper

105 100

120 50.4 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 4.818 ug/L

RT: 10.902 min Scan# 3067

Delta R.T. 0.000 min

Lab File: VV029931.D

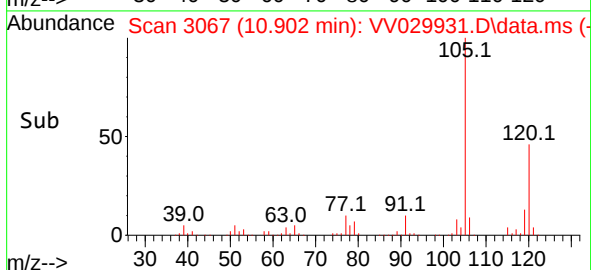
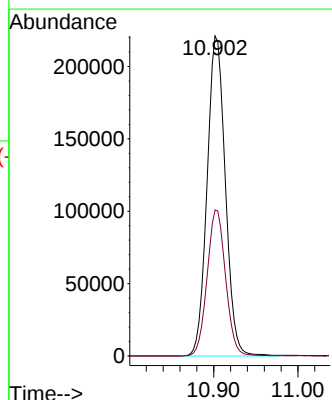
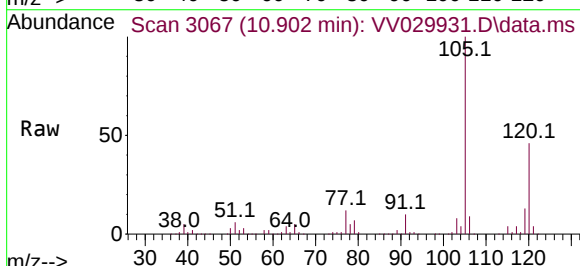
Acq: 24 Jan 2023 18:27

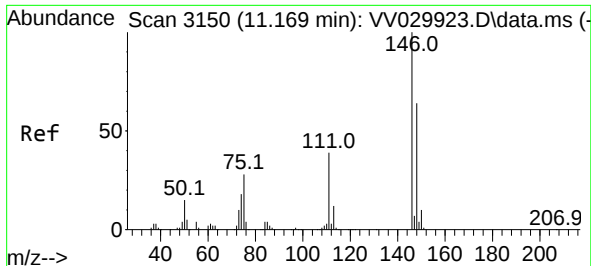
Tgt Ion:105 Resp: 333321

Ion Ratio Lower Upper

105 100

120 46.3 37.4 56.0

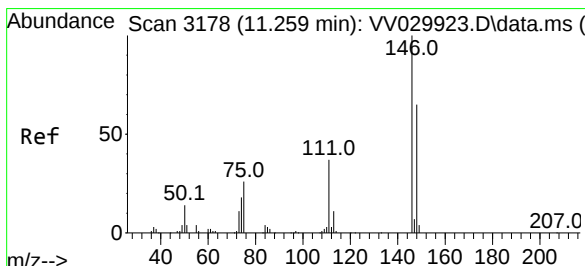
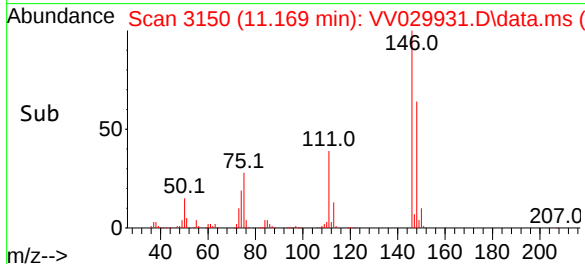
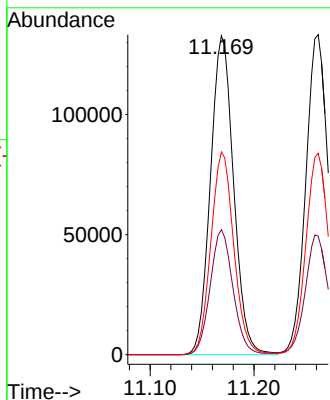
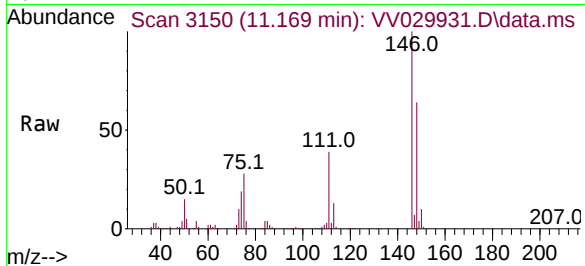




#64
1,3-Dichlorobenzene
Concen: 5.007 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VV029931.D
Acq: 24 Jan 2023 18:27

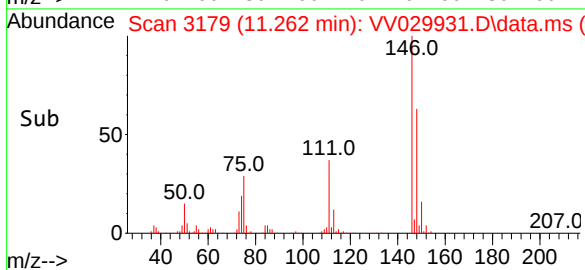
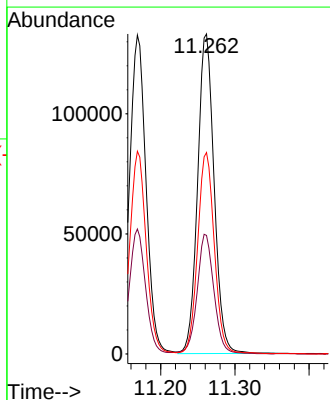
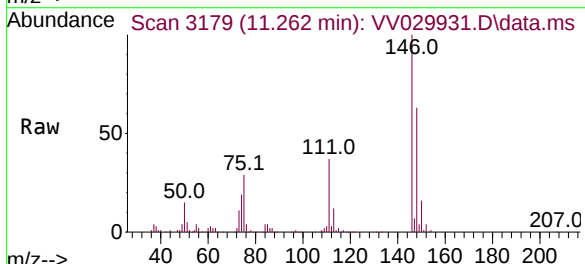
Instrument :
MSVOA_V
ClientSampleId :
EX9G4MS

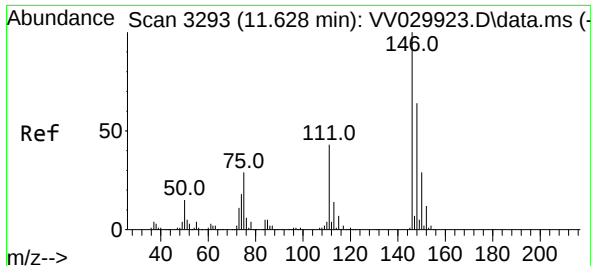
Tgt Ion:146 Resp: 205829
Ion Ratio Lower Upper
146 100
111 39.2 27.2 50.6
148 63.6 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.027 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.003 min
Lab File: VV029931.D
Acq: 24 Jan 2023 18:27

Tgt Ion:146 Resp: 206016
Ion Ratio Lower Upper
146 100
111 37.1 26.5 49.1
148 63.0 45.8 85.2

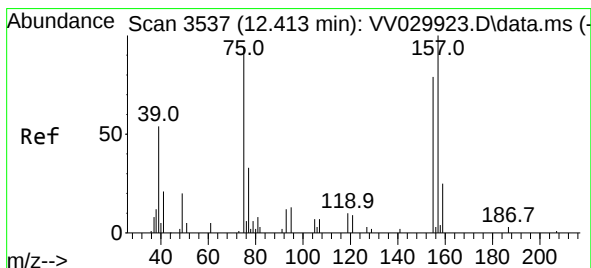
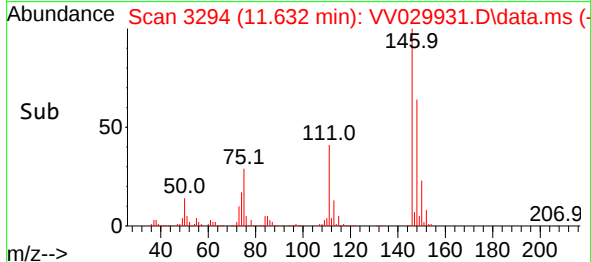
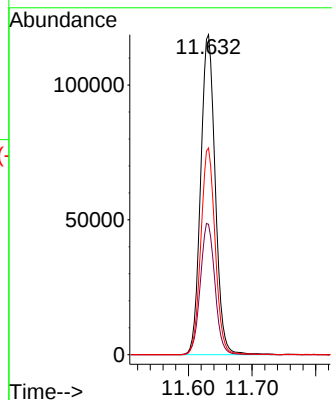
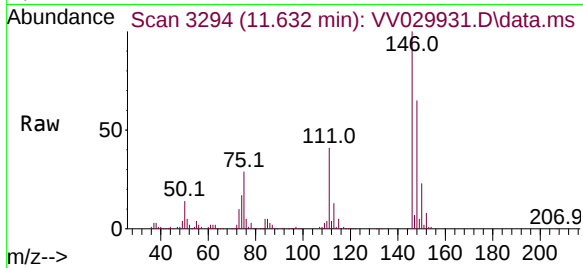




#67
1,2-Dichlorobenzene
Concen: 5.102 ug/L
RT: 11.632 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV029931.D
Acq: 24 Jan 2023 18:27

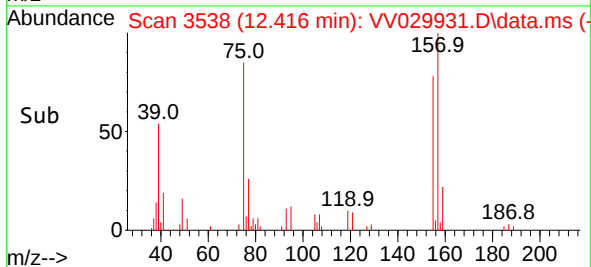
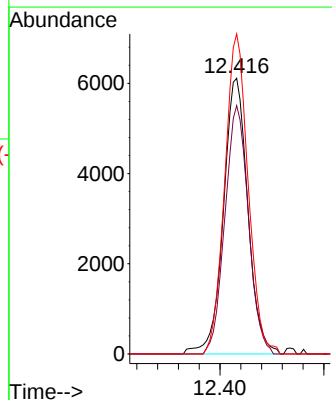
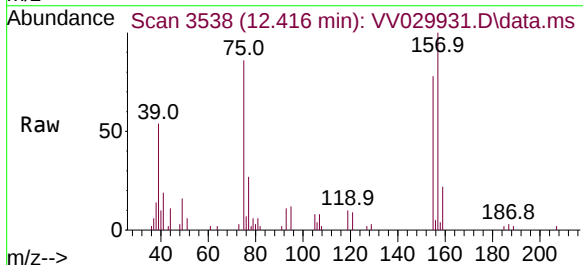
Instrument :
MSVOA_V
ClientSampleId :
EX9G4MS

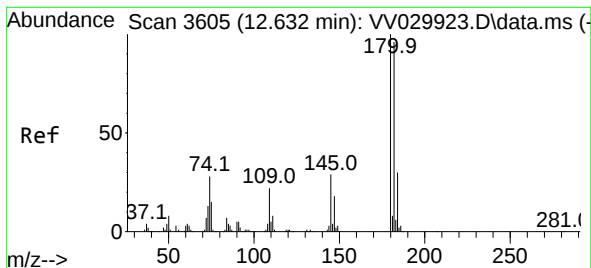
Tgt Ion:146 Resp: 188552
Ion Ratio Lower Upper
146 100
111 40.8 31.8 47.8
148 64.6 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.498 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.003 min
Lab File: VV029931.D
Acq: 24 Jan 2023 18:27

Tgt Ion: 75 Resp: 9974
Ion Ratio Lower Upper
75 100
155 90.1 75.5 113.3
157 116.1 99.2 148.8





#69

1,3,5-Trichlorobenzene

Concen: 4.743 ug/L

RT: 12.632 min Scan# 3605

Delta R.T. 0.000 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

Instrument :

MSVOA_V

ClientSampleId :

EX9G4MS

Tgt Ion:180 Resp: 156919

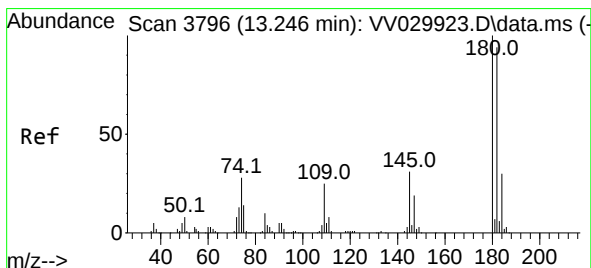
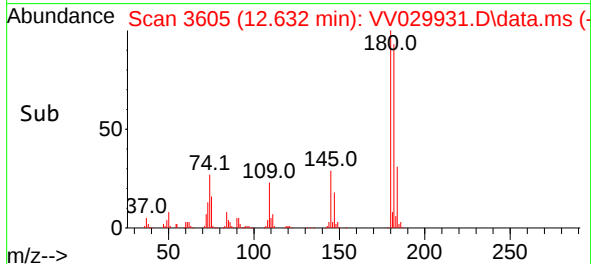
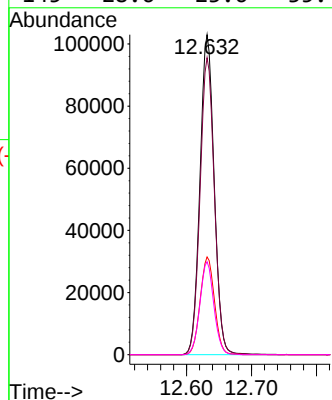
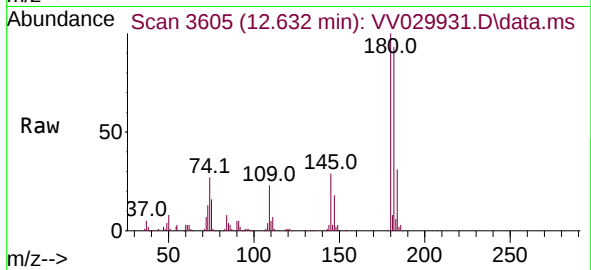
Ion Ratio Lower Upper

180 100

182 93.9 75.4 113.2

184 30.8 23.9 35.9

145 28.6 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 4.808 ug/L

RT: 13.246 min Scan# 3796

Delta R.T. 0.000 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

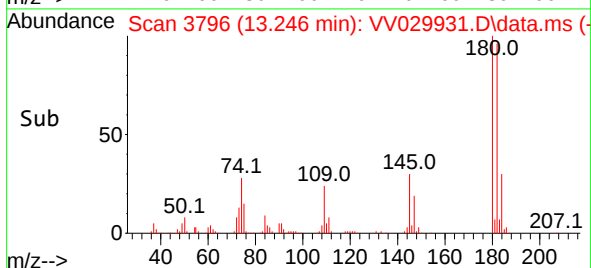
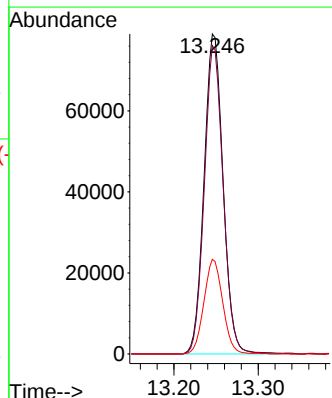
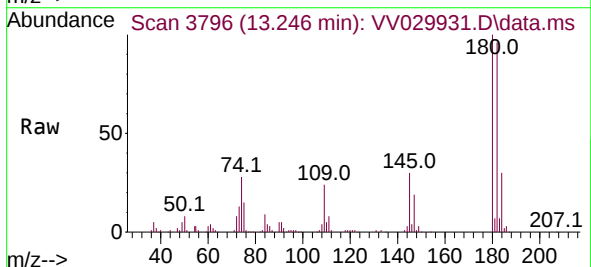
Tgt Ion:180 Resp: 124322

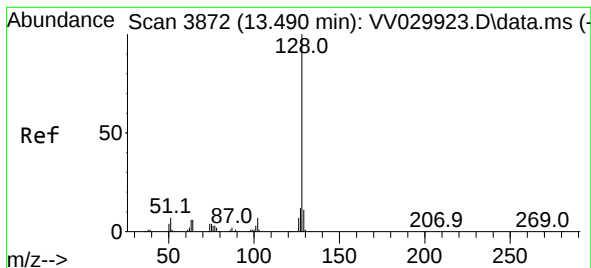
Ion Ratio Lower Upper

180 100

182 95.3 75.8 113.8

145 29.3 23.7 35.5





#71

Naphthalene

Concen: 5.190 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. 0.000 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

Instrument :

MSVOA_V

ClientSampleId :

EX9G4MS

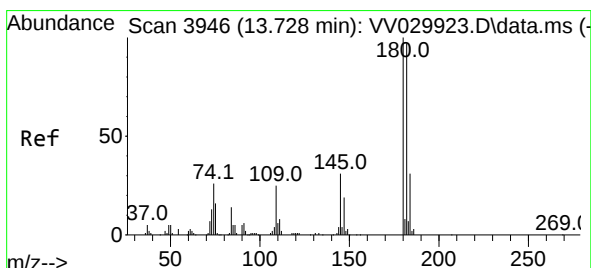
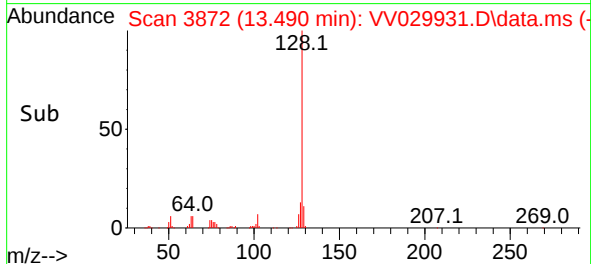
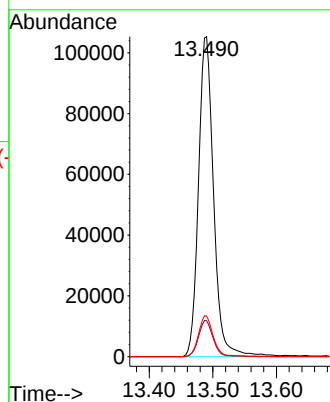
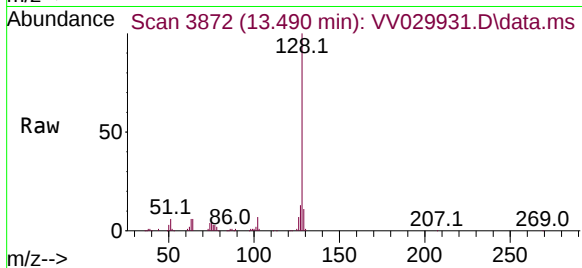
Tgt Ion:128 Resp: 173843

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 12.6 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 5.225 ug/L

RT: 13.728 min Scan# 3946

Delta R.T. 0.000 min

Lab File: VV029931.D

Acq: 24 Jan 2023 18:27

Tgt Ion:180 Resp: 112133

Ion Ratio Lower Upper

180 100

182 94.1 75.5 113.3

145 31.3 25.0 37.6

