

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052523\
 Data File : VV031237.D
 Acq On : 25 May 2023 16:43
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 26 06:54:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:48:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	147394	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	142212	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	79783	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	84282	5.160	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.200%
7) Chloroethane-d5	1.536	69	65363	5.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.600%
11) 1,1-Dichloroethene-d2	2.063	65	29131	4.314	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.815	46	191590	54.492	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.980%
24) Chloroform-d	4.259	84	170114	5.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	4.950	65	85368	5.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	4.969	84	301759	5.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	5.995	67	102505	5.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.249	98	247984	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	7.561	79	33937	5.311	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.200%
46) 2-Hexanone-d5	8.034	63	144883	55.530	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.060%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	71194	5.076	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	94765	5.063	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	81961	5.168	ug/L	99
3) Chloromethane	1.217	50	85010	4.790	ug/L	99
5) Vinyl chloride	1.285	62	90255	5.259	ug/L	97
6) Bromomethane	1.491	94	40480	4.777	ug/L	96
8) Chloroethane	1.552	64	47297	5.229	ug/L	99
9) Trichlorofluoromethane	1.719	101	124612	5.281	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	56273	4.506	ug/L	97
12) 1,1-Dichloroethene	2.072	96	45738	4.585	ug/L	87
13) Acetone	2.143	43	120318	43.545	ug/L	100
14) Carbon disulfide	2.246	76	148727	5.034	ug/L	99
15) Methyl Acetate	2.391	43	28273	5.137	ug/L	99
16) Methylene chloride	2.452	84	79132	4.595	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	143724	5.224	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	58021	5.216	ug/L	97
19) 1,1-Dichloroethane	3.117	63	145327	5.296	ug/L	97
21) 2-Butanone	3.896	43	175686	50.287	ug/L	98
22) cis-1,2-Dichloroethene	3.825	96	67439	5.277	ug/L	97
23) Bromochloromethane	4.159	128	30754	5.401	ug/L	96
25) Chloroform	4.285	83	152906	5.449	ug/L	96

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 Data File : VW031237.D
 Acq On : 25 May 2023 16:43
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 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 26 06:54:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:48:38 2023
 Response via : Initial Calibration

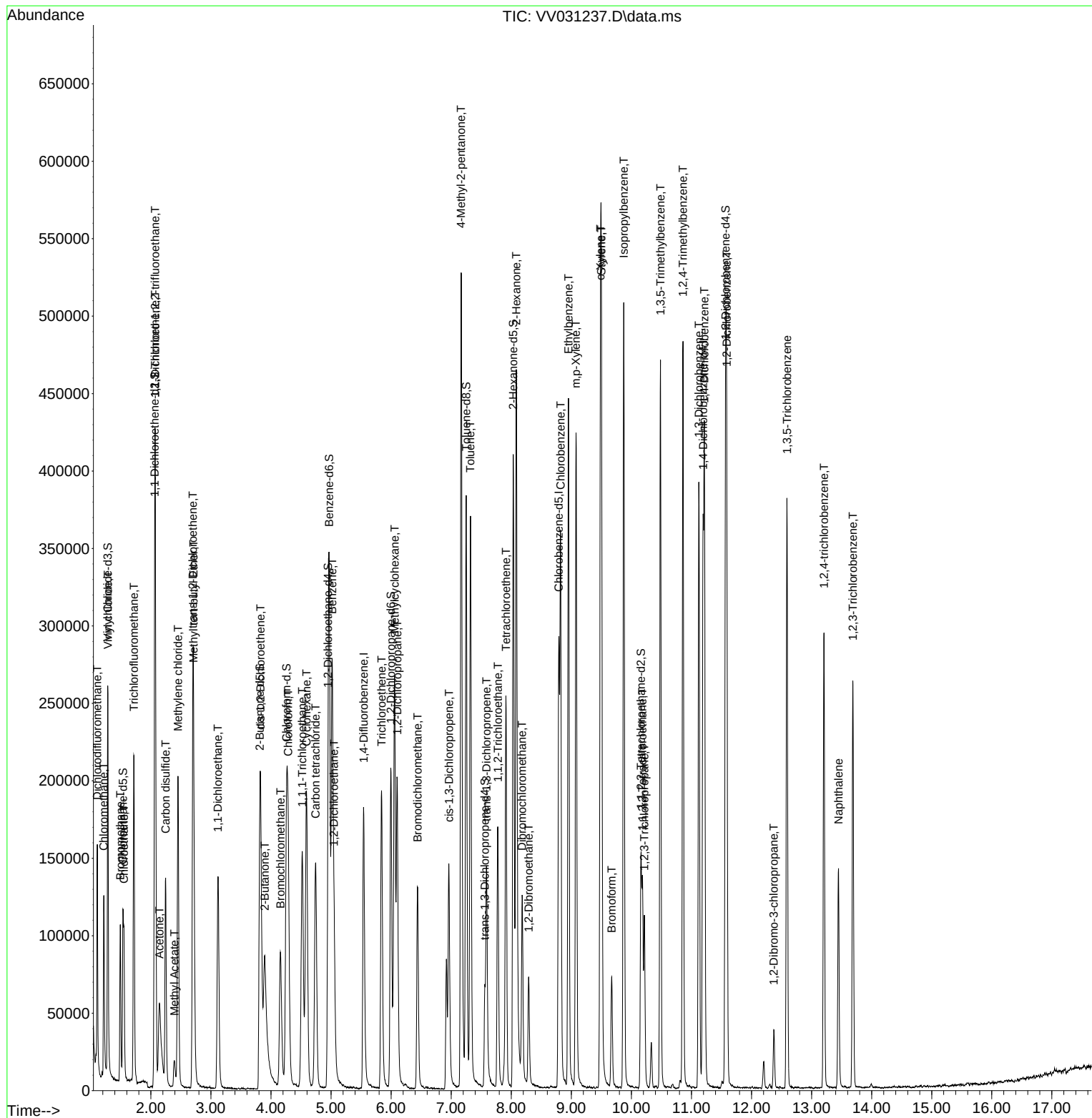
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	86919	5.457	ug/L	98
29) 1,1,1-Trichloroethane	4.519	97	127482	4.810	ug/L	98
30) Cyclohexane	4.590	56	97981	4.830	ug/L	98
31) Carbon tetrachloride	4.744	117	114872	5.026	ug/L	98
33) Benzene	5.018	78	270203	5.098	ug/L	100
34) Trichloroethene	5.841	95	71086	4.992	ug/L	99
35) Methylcyclohexane	6.059	83	95229	4.838	ug/L	99
37) 1,2-Dichloropropane	6.101	63	79808	5.140	ug/L	100
38) Bromodichloromethane	6.439	83	89285	4.588	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	91422	4.968	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	386788	50.858	ug/L	99
42) Toluene	7.320	91	260471	5.002	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	86723	5.433	ug/L	95
45) 1,1,2-Trichloroethane	7.776	97	51183	5.451	ug/L	96
47) Tetrachloroethene	7.911	164	54739	5.304	ug/L	97
48) 2-Hexanone	8.085	43	323890	54.847	ug/L	98
49) Dibromochloromethane	8.182	129	58985	5.228	ug/L	96
50) 1,2-Dibromoethane	8.291	107	46248	5.335	ug/L #	97
51) Chlorobenzene	8.821	112	178431	5.209	ug/L	100
52) Ethylbenzene	8.953	91	296789	5.169	ug/L	99
53) m,p-Xylene	9.079	106	109161	5.145	ug/L	98
54) o-Xylene	9.484	106	103692	5.133	ug/L	99
55) Styrene	9.503	104	187387	5.261	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	62084	5.238	ug/L	97
59) Bromoform	9.670	173	31469	4.872	ug/L	99
60) Isopropylbenzene	9.873	105	299658	5.152	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	44298	5.080	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	237696	5.040	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	247450	5.124	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	144297	5.240	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	148191	5.259	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	135575	5.136	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	10262	5.584	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.590	180	112865	5.047	ug/L	97
70) 1,2,4-trichlorobenzene	13.207	180	83675	4.681	ug/L	98
71) Naphthalene	13.448	128	103760	3.922	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	72304	4.702	ug/L	98

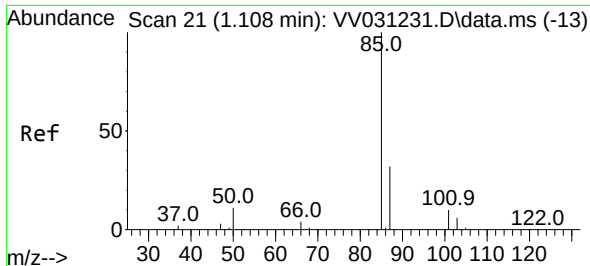
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 Data File : VV031237.D
 Acq On : 25 May 2023 16:43
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 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

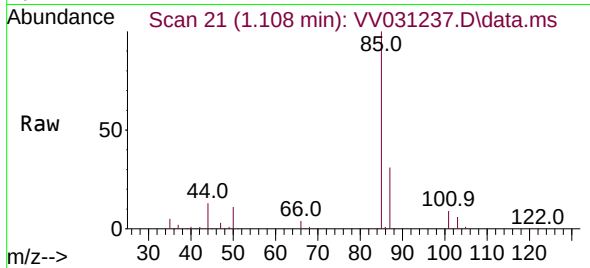
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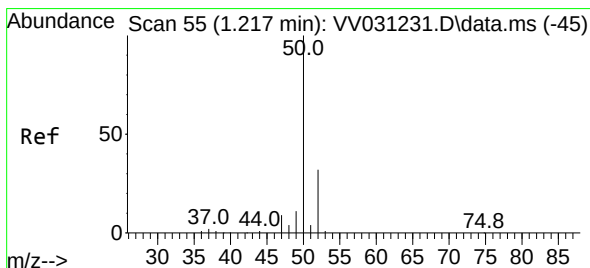
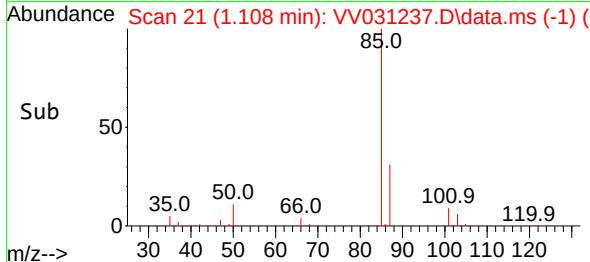
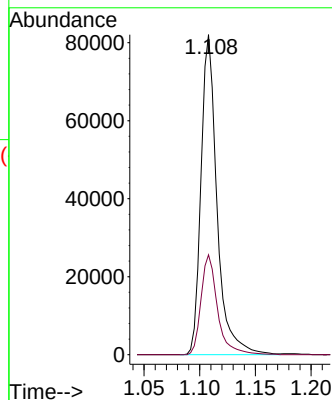


#2
 Dichlorodifluoromethane
 Concen: 5.168 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031237.D
 Acq: 25 May 2023 16:43

Instrument :
 MSVOA_V
 ClientSampleId :

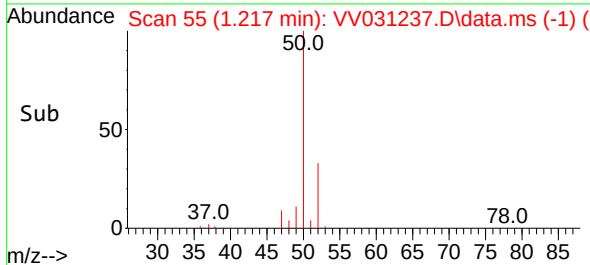
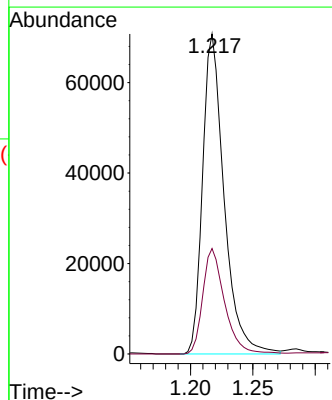
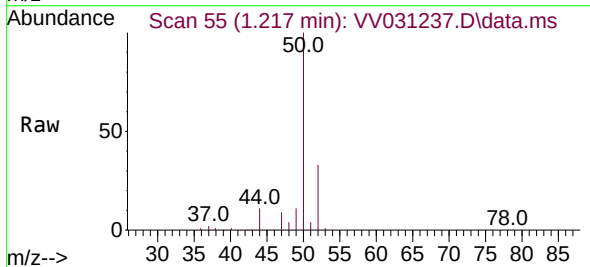


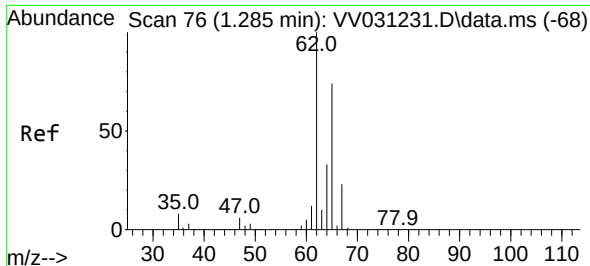
Tgt Ion: 85 Resp: 81961
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.1 39.1



#3
 Chloromethane
 Concen: 4.790 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031237.D
 Acq: 25 May 2023 16:43

Tgt Ion: 50 Resp: 85010
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.7 42.1

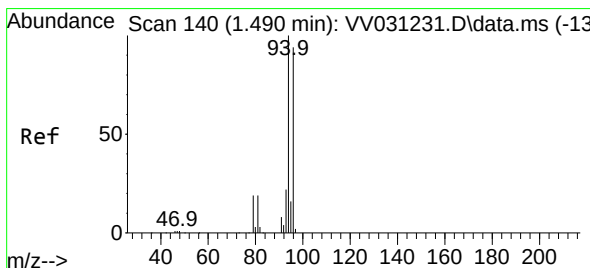
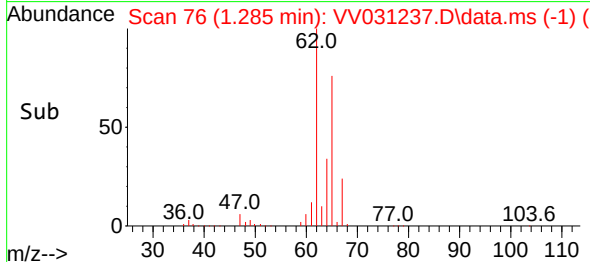
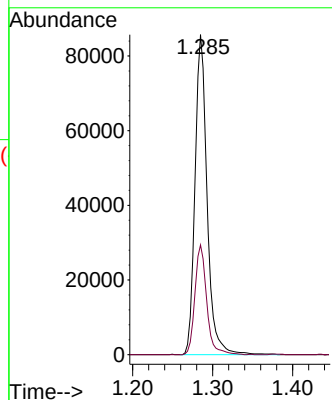
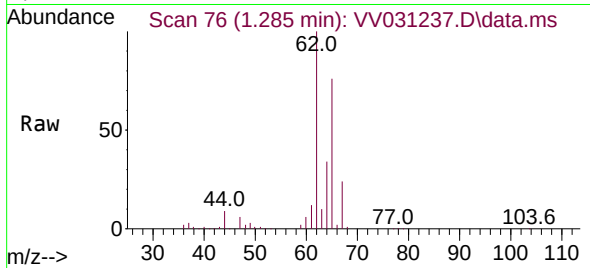




#5
 Vinyl chloride
 Concen: 5.259 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV031237.D
 Acq: 25 May 2023 16:43

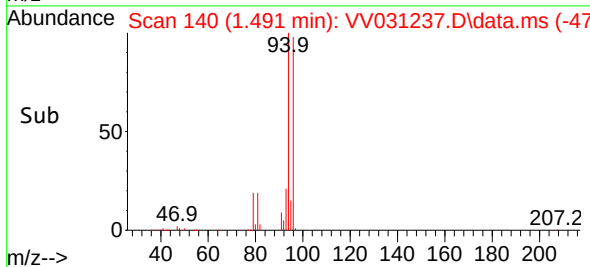
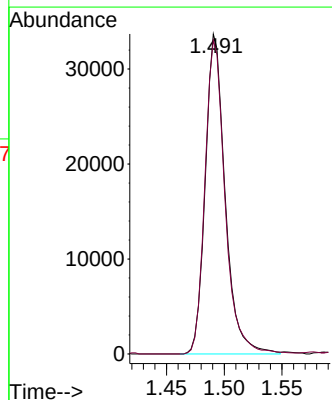
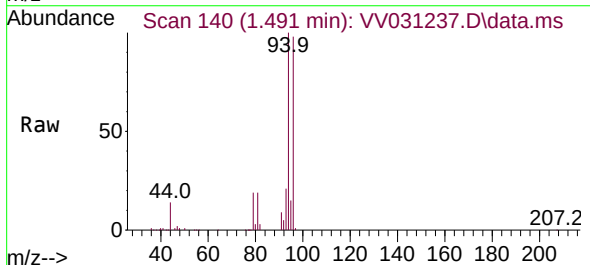
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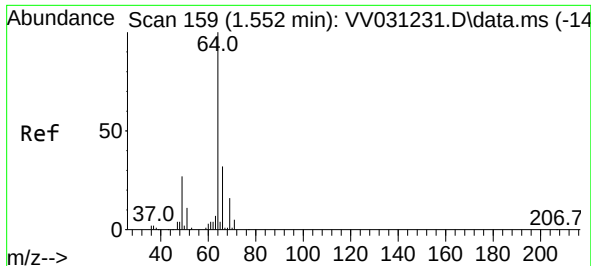
Tgt Ion: 62 Resp: 90255
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.7 42.3



#6
 Bromomethane
 Concen: 4.777 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV031237.D
 Acq: 25 May 2023 16:43

Tgt Ion: 94 Resp: 40480
 Ion Ratio Lower Upper
 94 100
 96 98.0 65.8 122.2

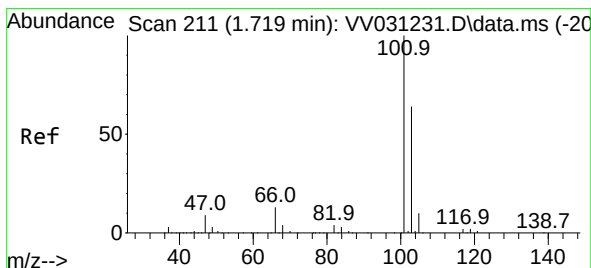
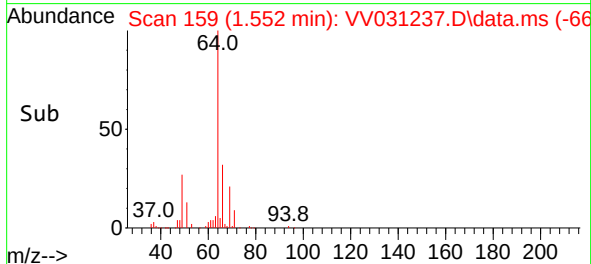
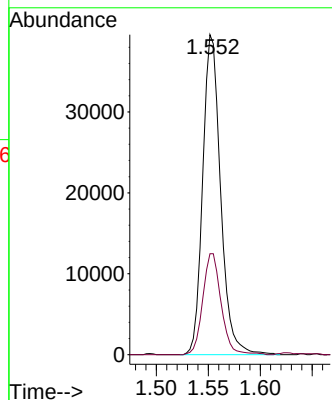
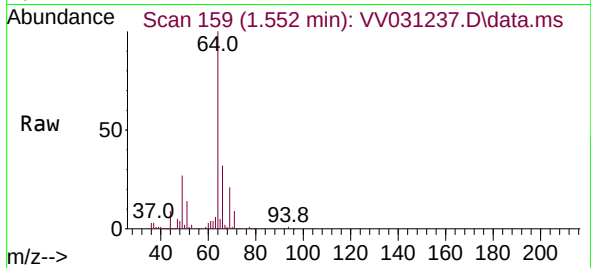




#8
Chloroethane
Concen: 5.229 ug/L
RT: 1.552 min Scan# 159
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

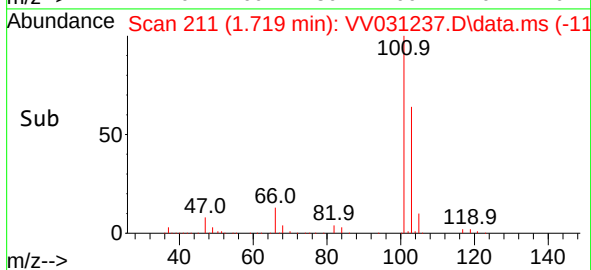
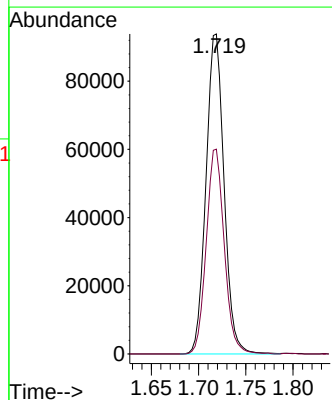
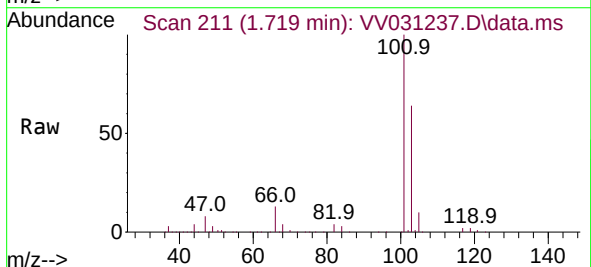
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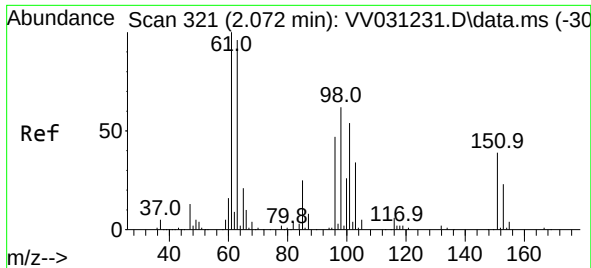
Tgt Ion: 64 Resp: 47297
Ion Ratio Lower Upper
64 100
66 31.6 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.281 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

Tgt Ion: 101 Resp: 124612
Ion Ratio Lower Upper
101 100
103 63.9 52.1 78.1

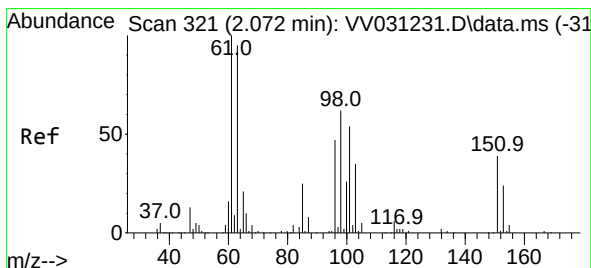
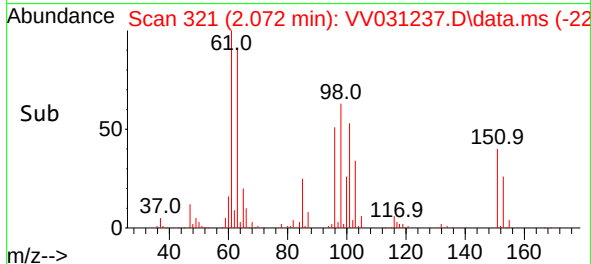
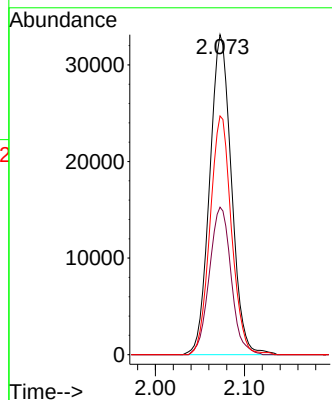
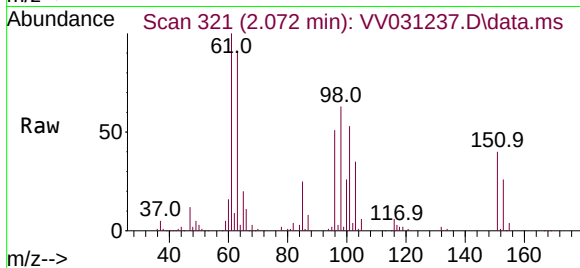




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.506 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV031237.D
 Acq: 25 May 2023 16:43

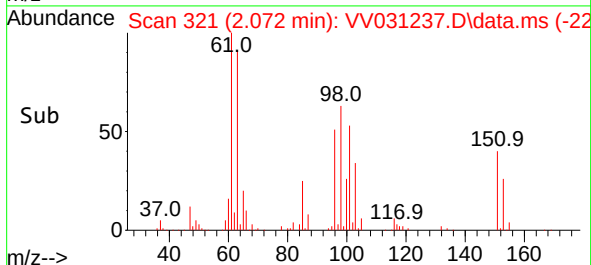
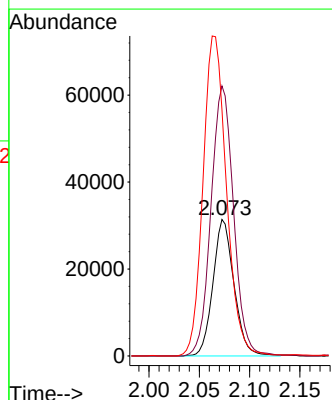
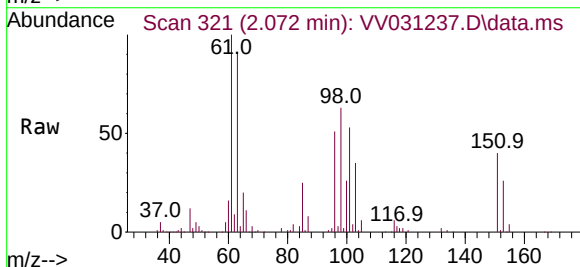
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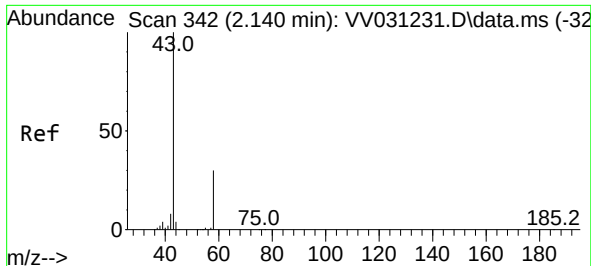
Tgt Ion:101 Resp: 56273
 Ion Ratio Lower Upper
 101 100
 85 45.9 37.6 56.4
 151 73.4 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 4.585 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031237.D
 Acq: 25 May 2023 16:43

Tgt Ion: 96 Resp: 45738
 Ion Ratio Lower Upper
 96 100
 61 197.9 150.0 278.6
 63 180.5 143.5 266.5





#13

Acetone

Concen: 43.545 ug/L

RT: 2.143 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV031237.D

Acq: 25 May 2023 16:43

Instrument :

MSVOA_V

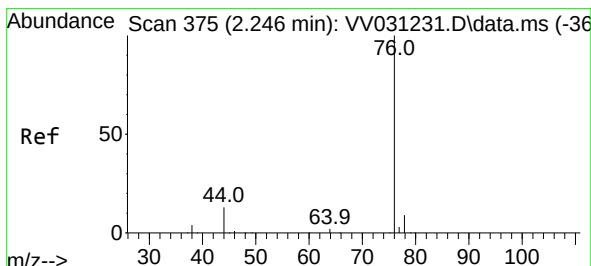
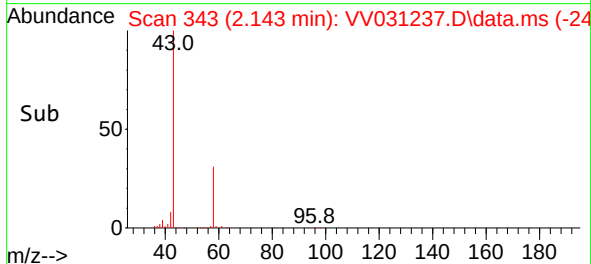
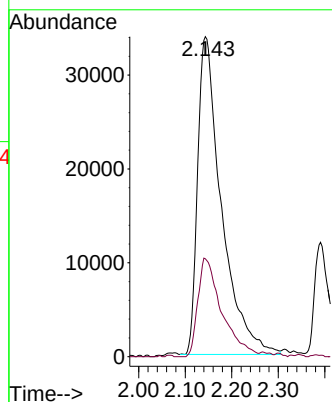
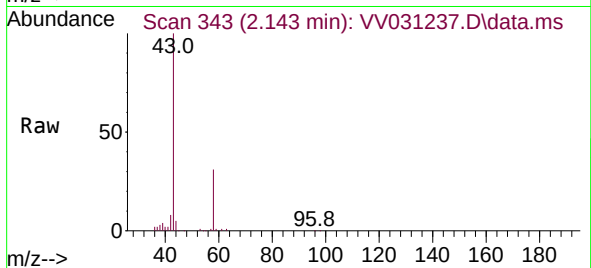
ClientSampleId :

Tgt Ion: 43 Resp: 120318

Ion Ratio Lower Upper

43 100

58 31.1 0.0 62.2



#14

Carbon disulfide

Concen: 5.034 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

Lab File: VV031237.D

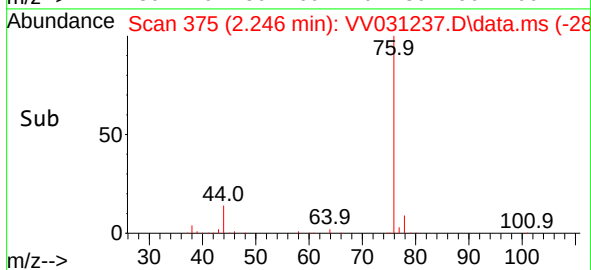
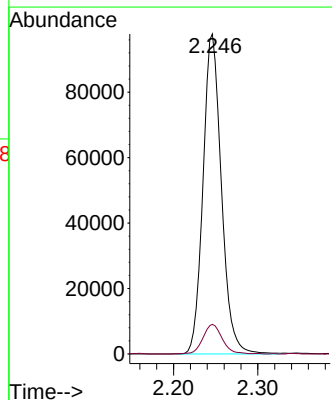
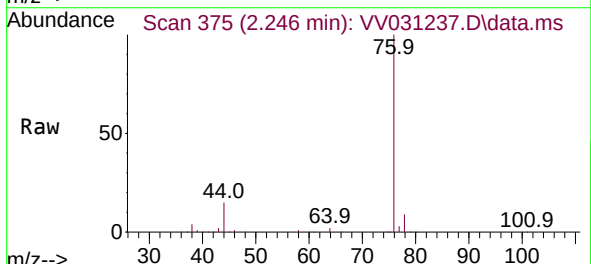
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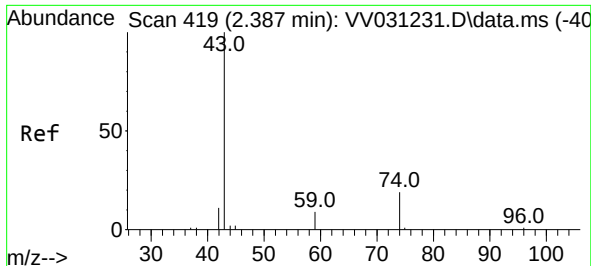
Tgt Ion: 76 Resp: 148727

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

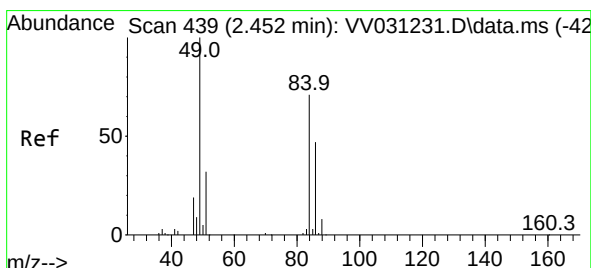
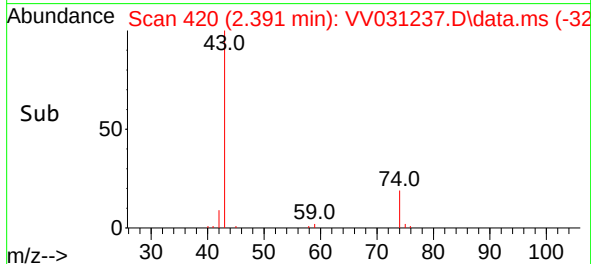
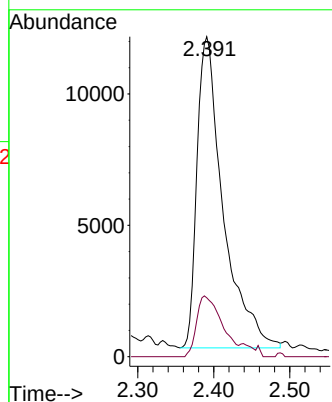
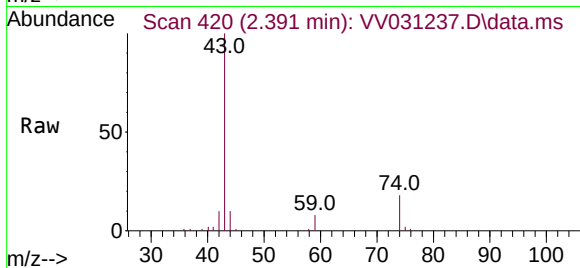




#15
Methyl Acetate
Concen: 5.137 ug/L
RT: 2.391 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

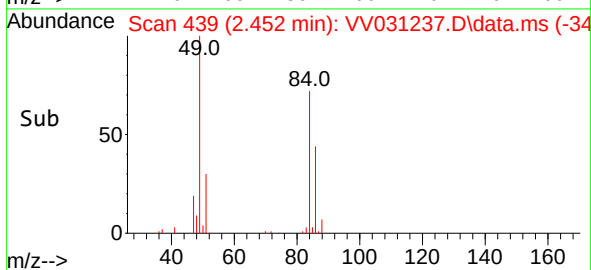
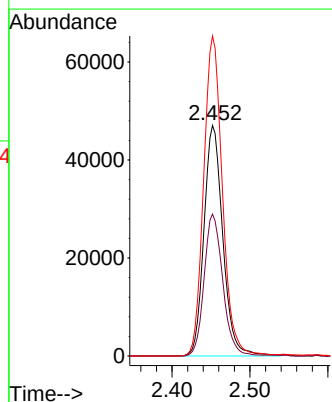
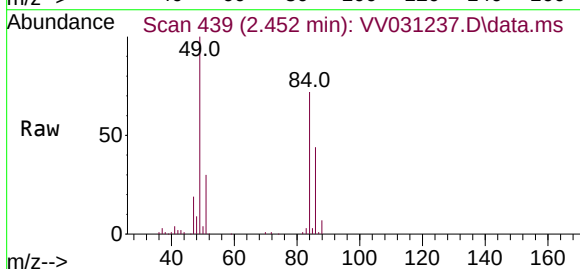
Instrument :
MSVOA_V
ClientSampleId :

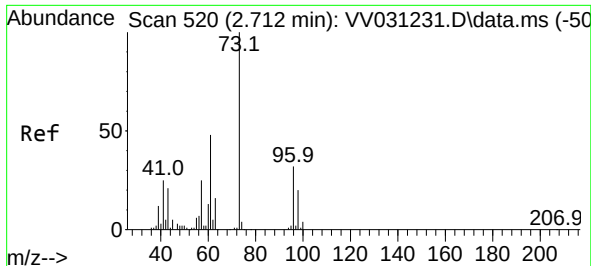
Tgt Ion: 43 Resp: 28273
Ion Ratio Lower Upper
43 100
74 18.8 15.5 23.3



#16
Methylene chloride
Concen: 4.595 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

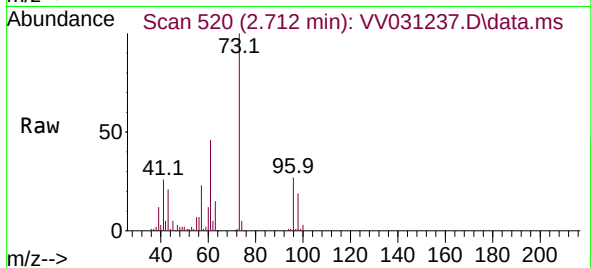
Tgt Ion: 84 Resp: 79132
Ion Ratio Lower Upper
84 100
86 61.6 46.8 86.8
49 138.8 98.8 183.4



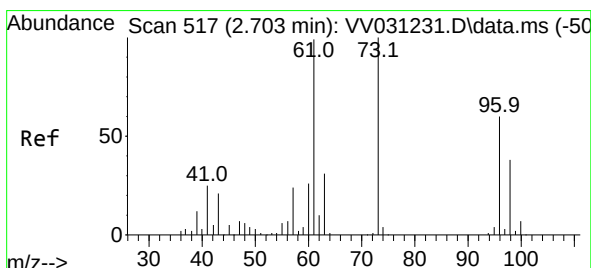
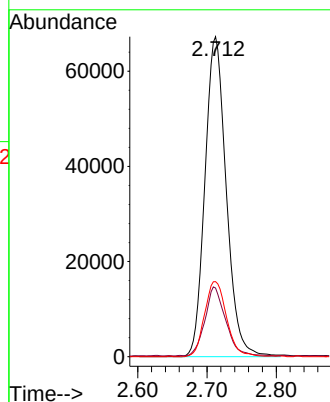
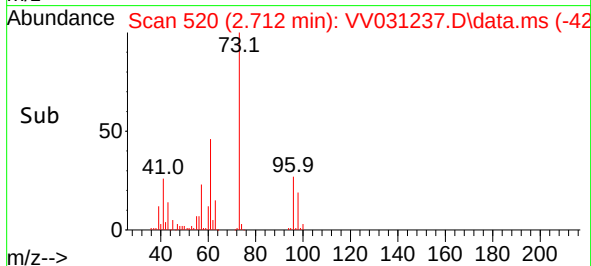


#17
Methyl tert-butyl Ether
Concen: 5.224 ug/L
RT: 2.712 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

Instrument :
MSVOA_V
ClientSampleId :

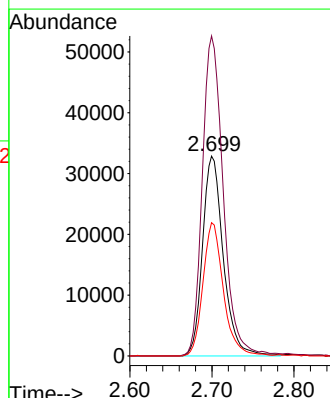
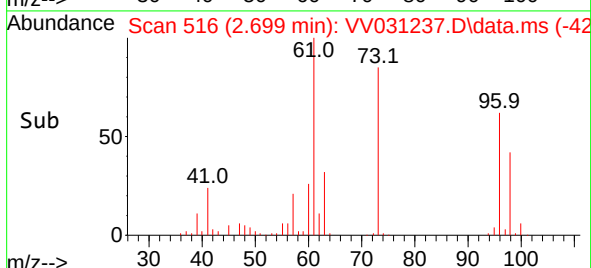
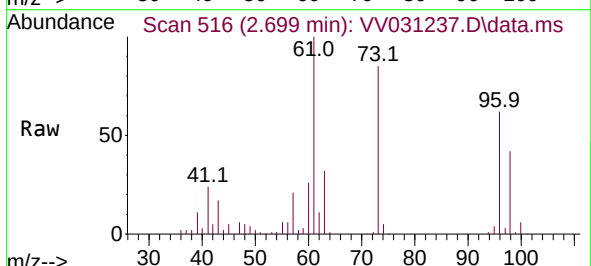


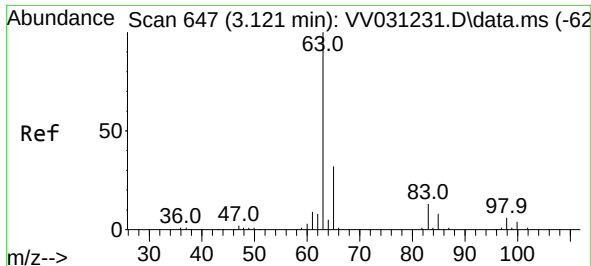
Tgt Ion: 73 Resp: 143724
Ion Ratio Lower Upper
73 100
43 20.8 17.0 25.6
57 24.3 19.5 29.3



#18
trans-1,2-Dichloroethene
Concen: 5.216 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

Tgt Ion: 96 Resp: 58021
Ion Ratio Lower Upper
96 100
61 160.1 115.0 213.6
98 66.7 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.296 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV031237.D

Acq: 25 May 2023 16:43

Instrument :

MSVOA_V

ClientSampleId :

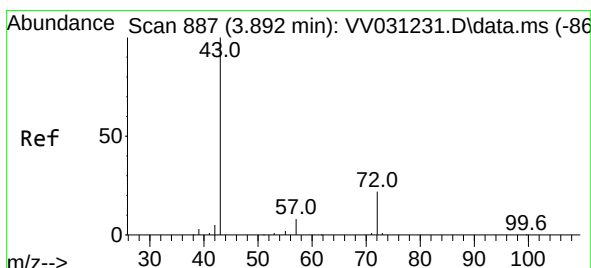
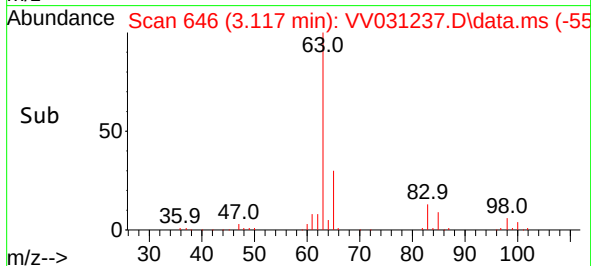
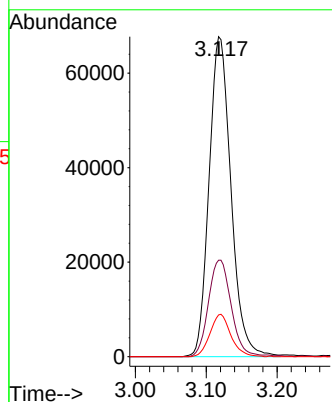
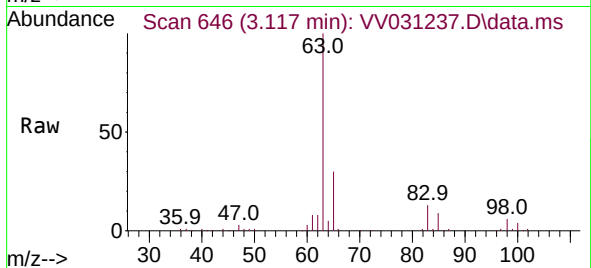
Tgt Ion: 63 Resp: 145327

Ion Ratio Lower Upper

63 100

65 30.2 22.4 41.6

83 13.0 9.0 16.6



#21

2-Butanone

Concen: 50.287 ug/L

RT: 3.896 min Scan# 888

Delta R.T. 0.003 min

Lab File: VV031237.D

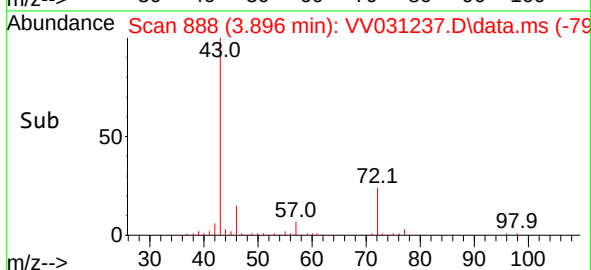
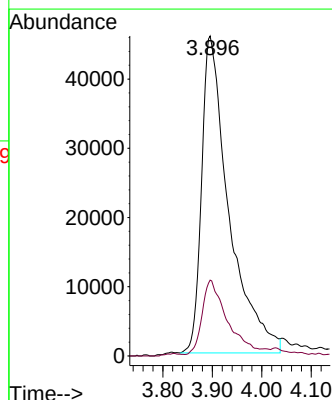
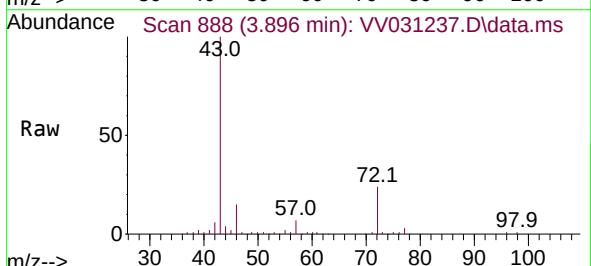
Acq: 25 May 2023 16:43

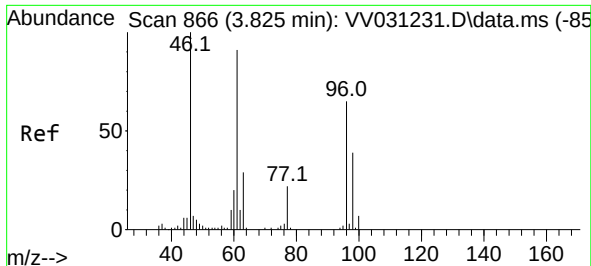
Tgt Ion: 43 Resp: 175686

Ion Ratio Lower Upper

43 100

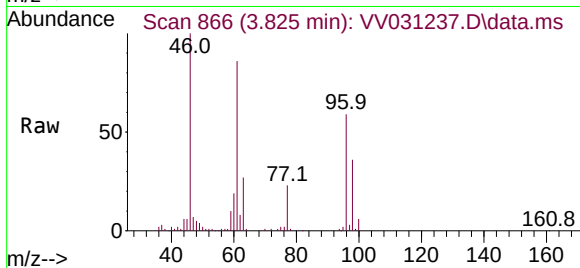
72 21.4 10.3 30.9



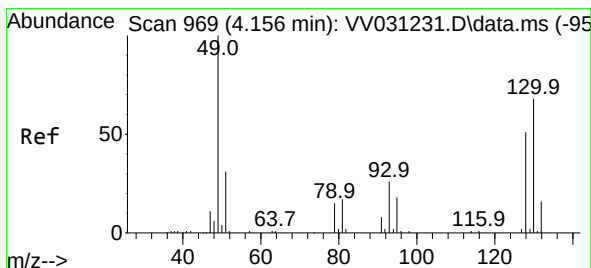
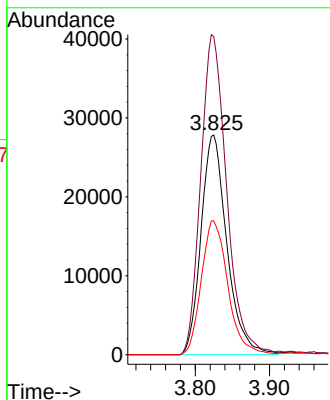
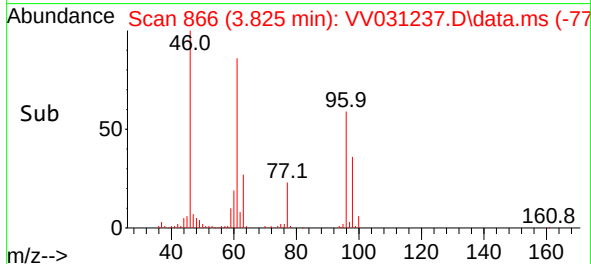


#22
cis-1,2-Dichloroethene
Concen: 5.277 ug/L
RT: 3.825 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

Instrument :
MSVOA_V
ClientSampleId :

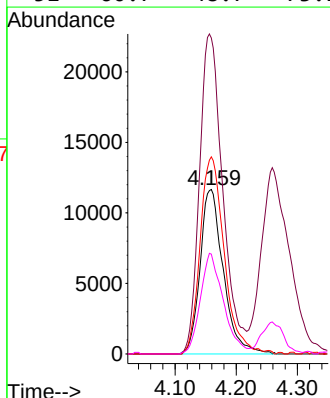
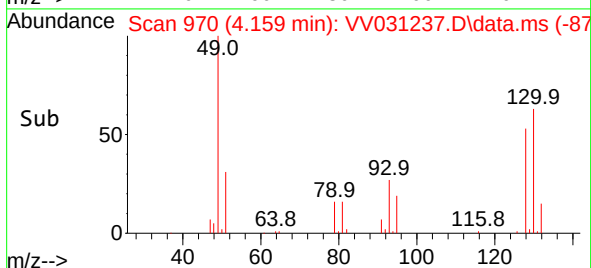
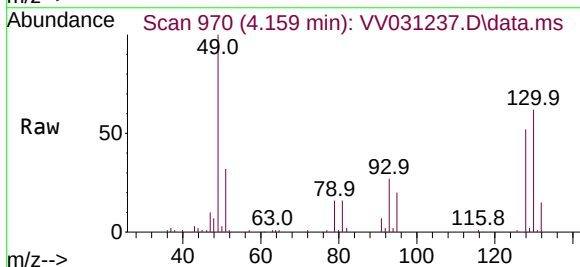


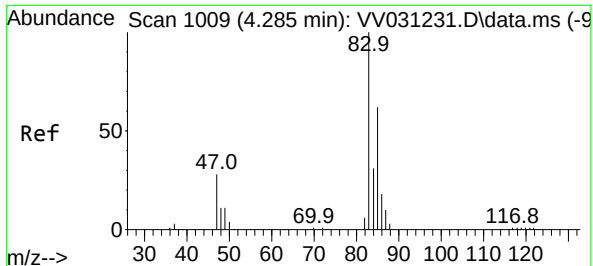
Tgt Ion: 96 Resp: 67439
Ion Ratio Lower Upper
96 100
61 144.7 98.2 182.4
98 61.0 42.8 79.6



#23
Bromochloromethane
Concen: 5.401 ug/L
RT: 4.159 min Scan# 970
Delta R.T. 0.003 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

Tgt Ion:128 Resp: 30754
Ion Ratio Lower Upper
128 100
49 192.2 136.2 253.0
130 119.9 92.0 170.9
51 60.7 48.7 73.1





#25

Chloroform

Concen: 5.449 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. 0.000 min

Lab File: VV031237.D

Acq: 25 May 2023 16:43

Instrument :

MSVOA_V

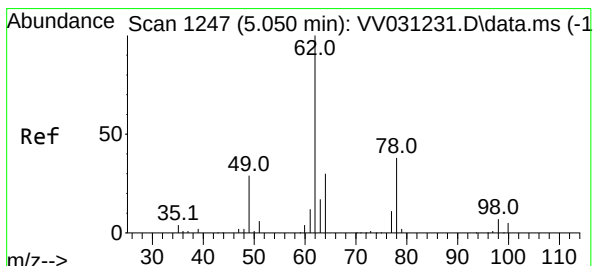
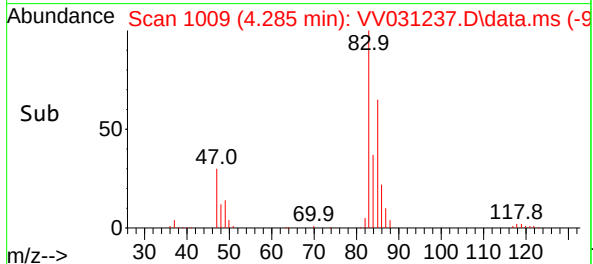
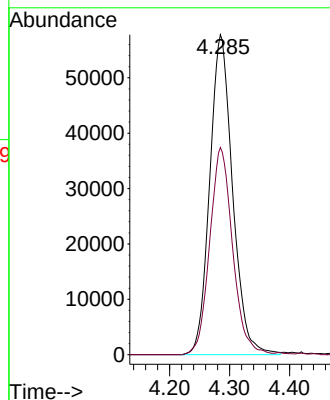
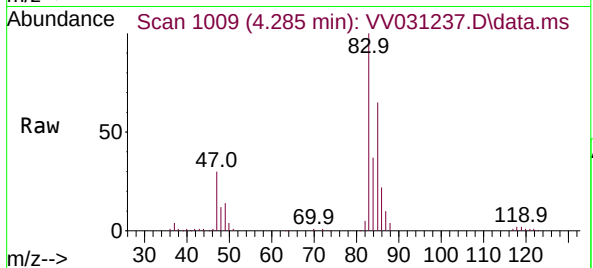
ClientSampleId :

Tgt Ion: 83 Resp: 152906

Ion Ratio Lower Upper

83 100

85 64.7 43.4 80.6



#27

1,2-Dichloroethane

Concen: 5.457 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VV031237.D

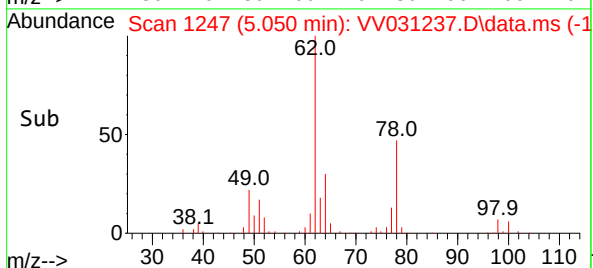
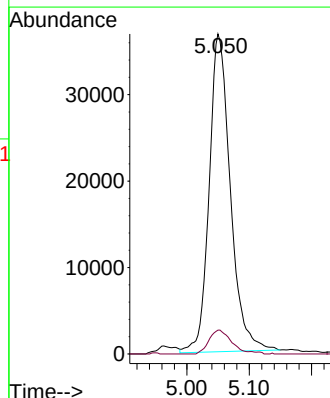
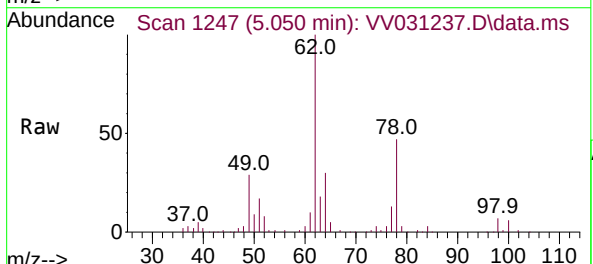
Acq: 25 May 2023 16:43

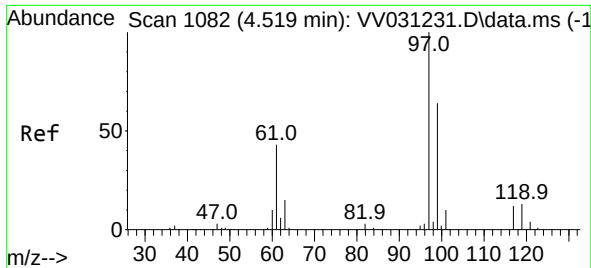
Tgt Ion: 62 Resp: 86919

Ion Ratio Lower Upper

62 100

98 7.5 5.4 8.2





#29

1,1,1-Trichloroethane

Concen: 4.810 ug/L

RT: 4.519 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VV031237.D

Acq: 25 May 2023 16:43

Instrument :

MSVOA_V

ClientSampleId :

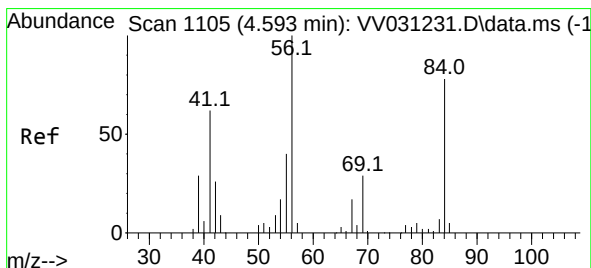
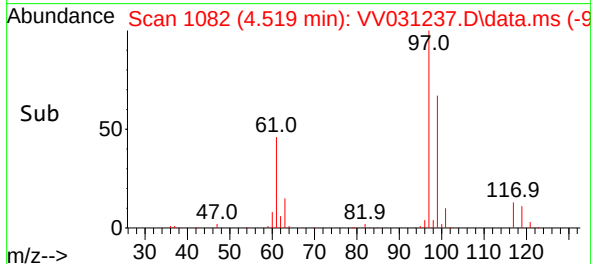
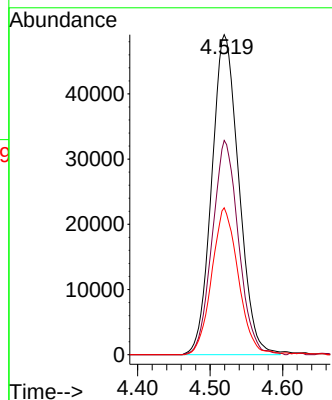
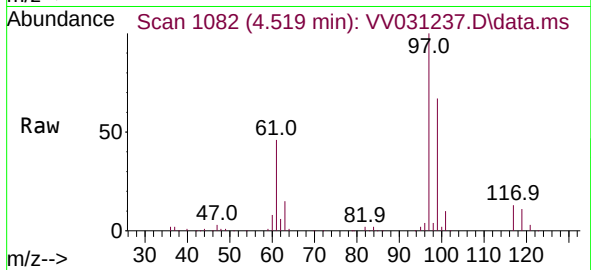
Tgt Ion: 97 Resp: 127482

Ion Ratio Lower Upper

97 100

99 64.9 50.6 75.8

61 44.9 35.5 53.3



#30

Cyclohexane

Concen: 4.830 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VV031237.D

Acq: 25 May 2023 16:43

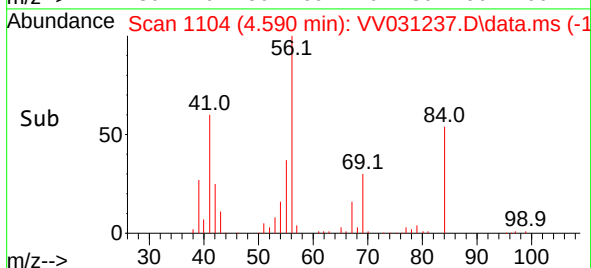
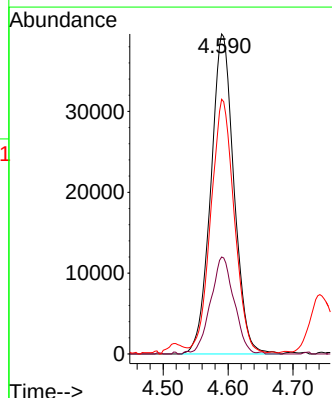
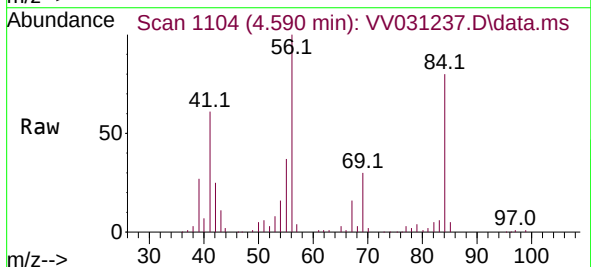
Tgt Ion: 56 Resp: 97981

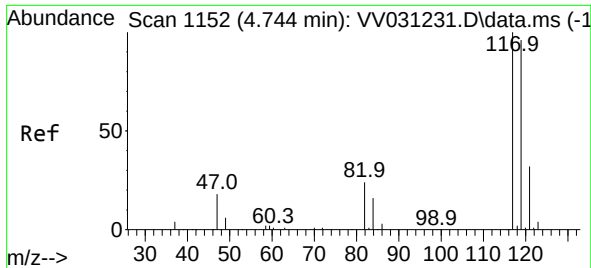
Ion Ratio Lower Upper

56 100

69 29.5 24.0 36.0

84 80.1 62.5 93.7

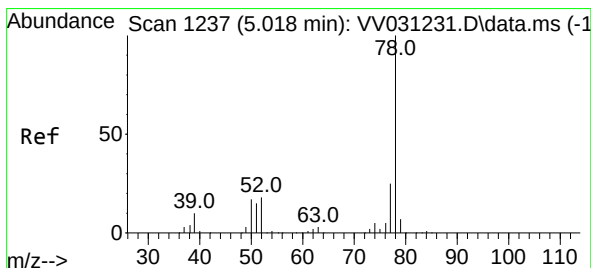
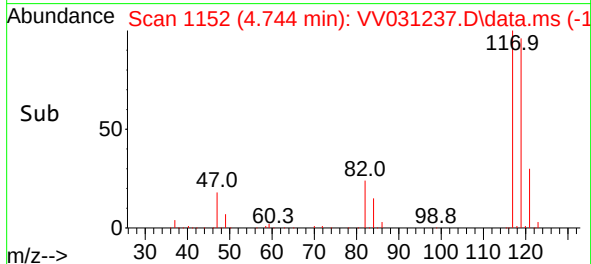
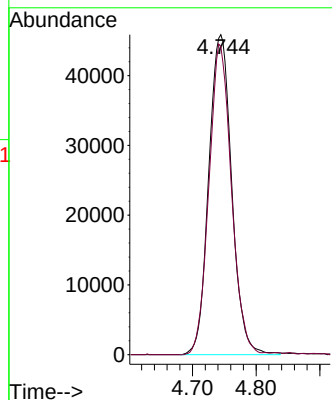
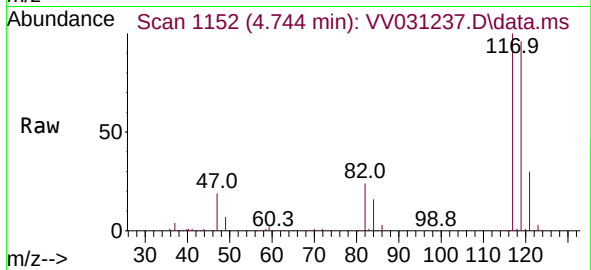




#31
Carbon tetrachloride
Concen: 5.026 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

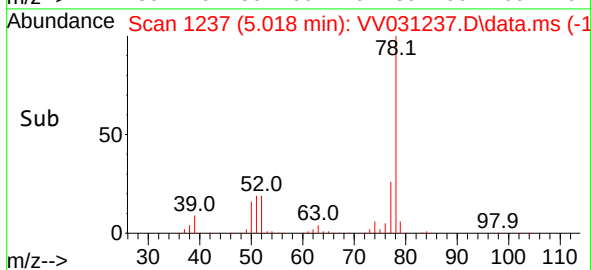
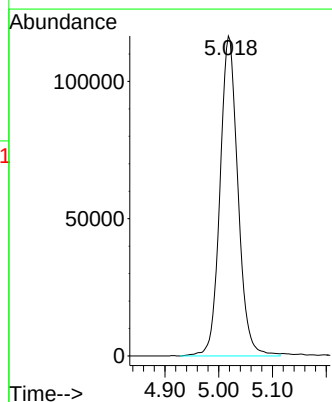
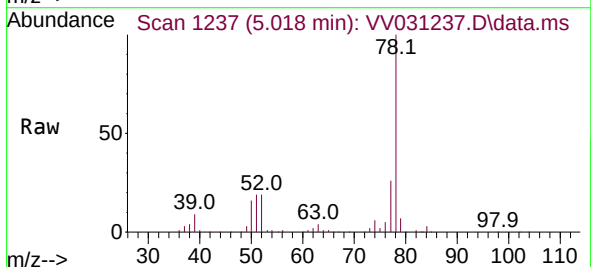
Instrument :
MSVOA_V
ClientSampleId :

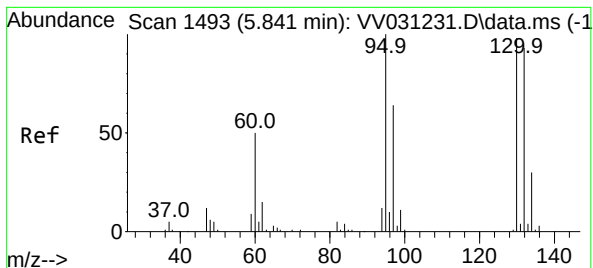
Tgt Ion:117 Resp: 114872
Ion Ratio Lower Upper
117 100
119 95.0 77.5 116.3



#33
Benzene
Concen: 5.098 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

Tgt Ion: 78 Resp: 270203





#34

Trichloroethene

Concen: 4.992 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VV031237.D

Acq: 25 May 2023 16:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 71086

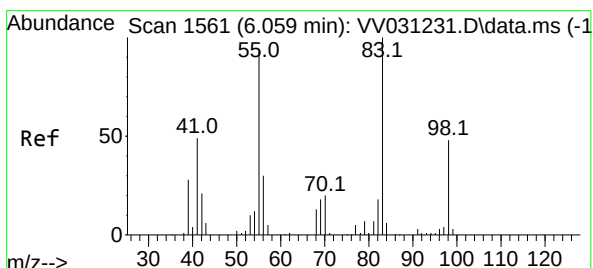
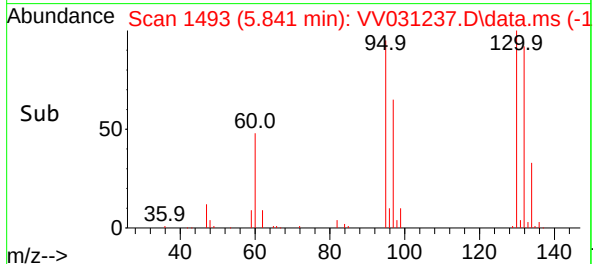
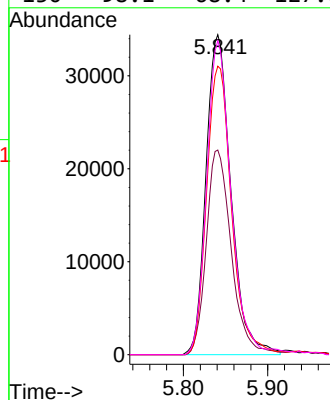
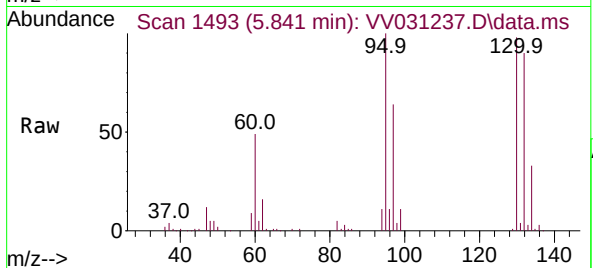
Ion Ratio Lower Upper

95 100

97 64.0 44.8 83.2

132 90.2 64.8 120.4

130 98.1 68.4 127.0



#35

Methylcyclohexane

Concen: 4.838 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. 0.000 min

Lab File: VV031237.D

Acq: 25 May 2023 16:43

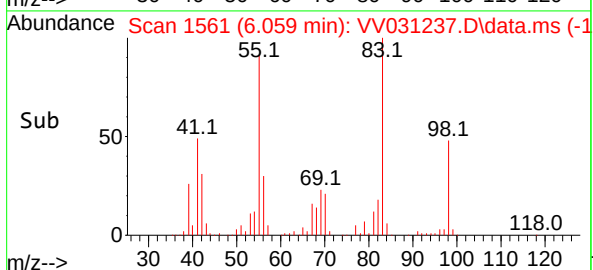
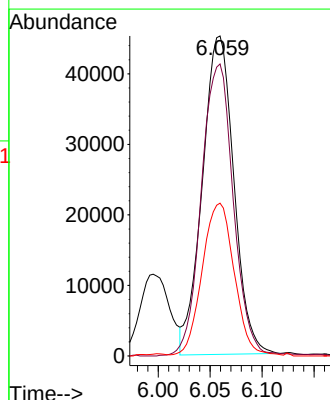
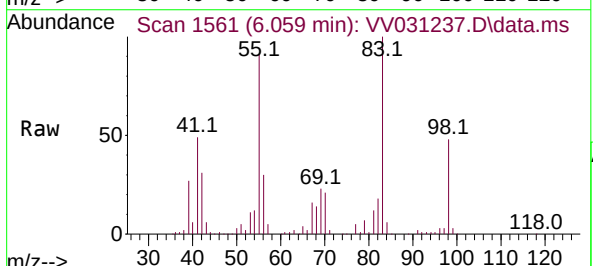
Tgt Ion: 83 Resp: 95229

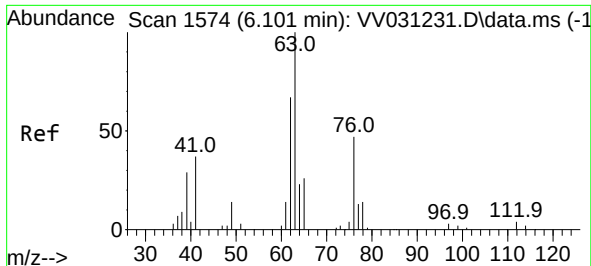
Ion Ratio Lower Upper

83 100

55 93.7 74.4 111.6

98 48.2 38.2 57.2





#37

1,2-Dichloropropane

Concen: 5.140 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV031237.D

Acq: 25 May 2023 16:43

Instrument :

MSVOA_V

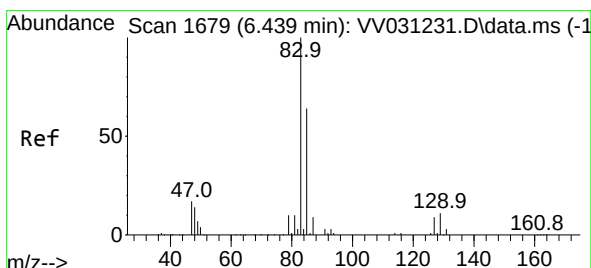
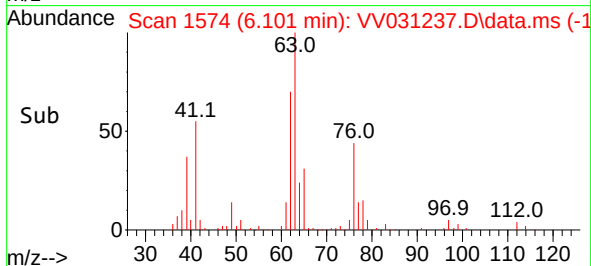
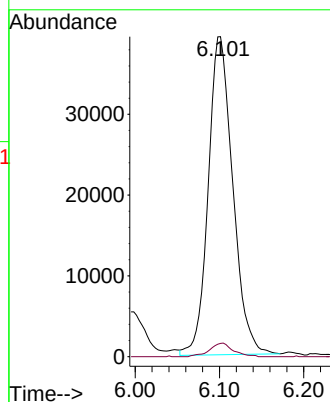
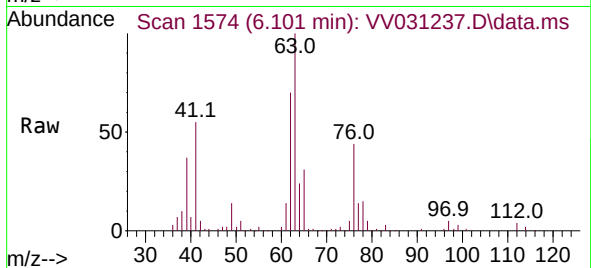
ClientSampleId :

Tgt Ion: 63 Resp: 79808

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 4.588 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VV031237.D

Acq: 25 May 2023 16:43

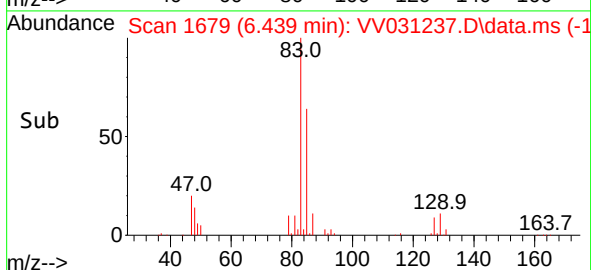
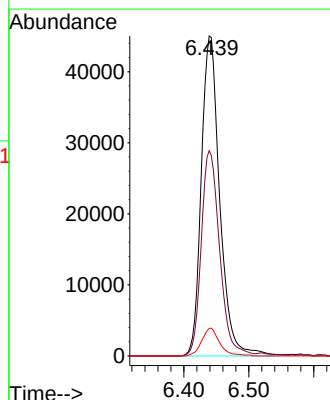
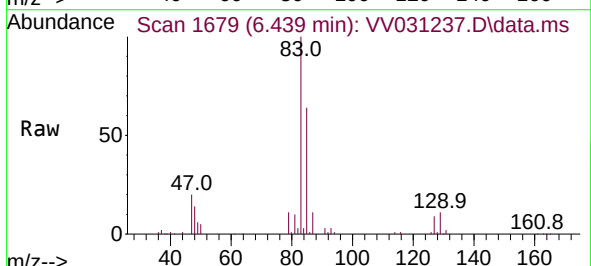
Tgt Ion: 83 Resp: 89285

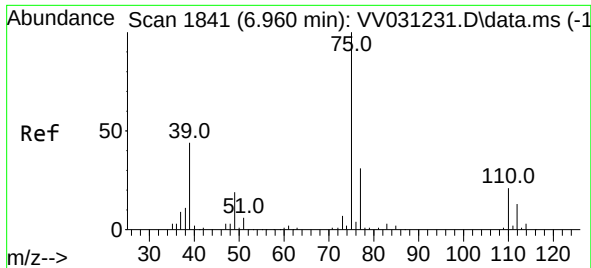
Ion Ratio Lower Upper

83 100

85 64.1 44.7 82.9

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.968 ug/L

RT: 6.963 min Scan# 1841

Delta R.T. 0.003 min

Lab File: VV031237.D

Acq: 25 May 2023 16:43

Instrument :

MSVOA_V

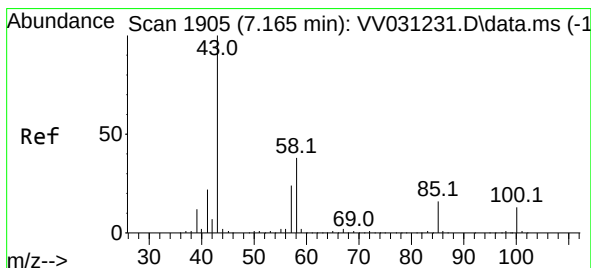
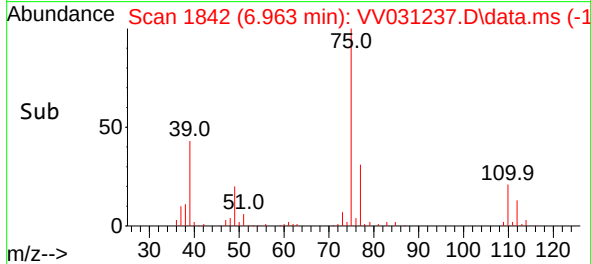
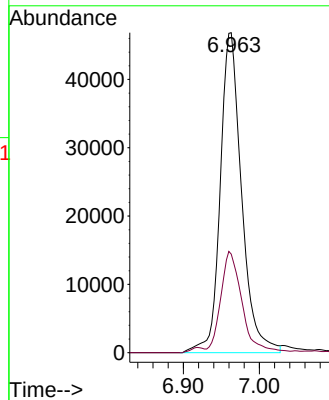
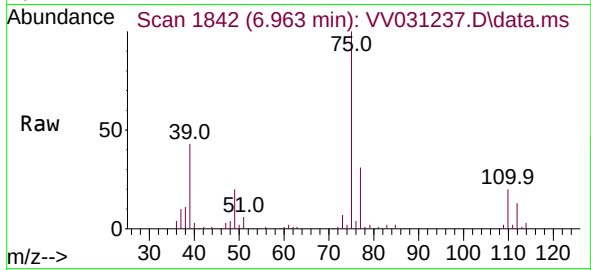
ClientSampleId :

Tgt Ion: 75 Resp: 91422

Ion Ratio Lower Upper

75 100

77 30.8 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 50.858 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VV031237.D

Acq: 25 May 2023 16:43

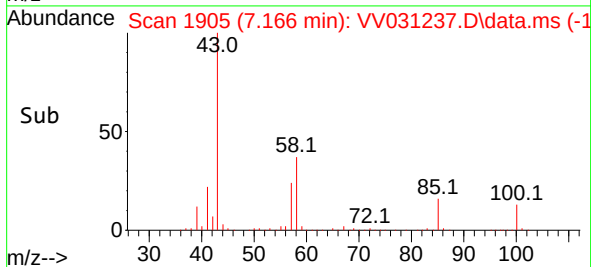
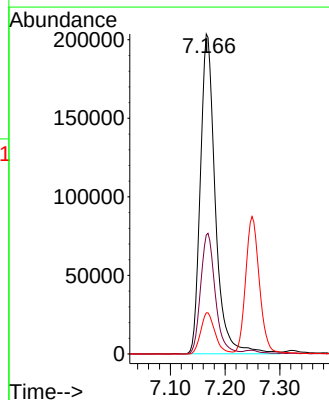
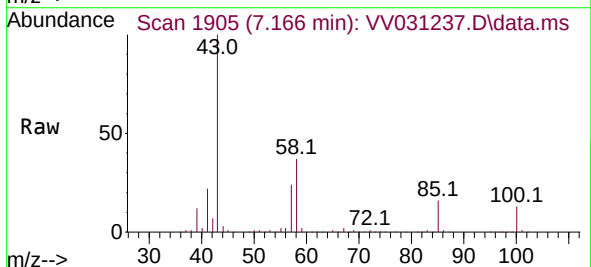
Tgt Ion: 43 Resp: 386788

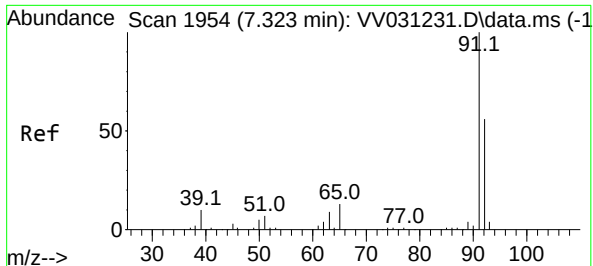
Ion Ratio Lower Upper

43 100

58 37.0 29.1 43.7

100 12.4 9.9 14.9





#42

Toluene

Concen: 5.002 ug/L

RT: 7.320 min Scan# 1954

Delta R.T. -0.003 min

Lab File: VV031237.D

Acq: 25 May 2023 16:43

Instrument :

MSVOA_V

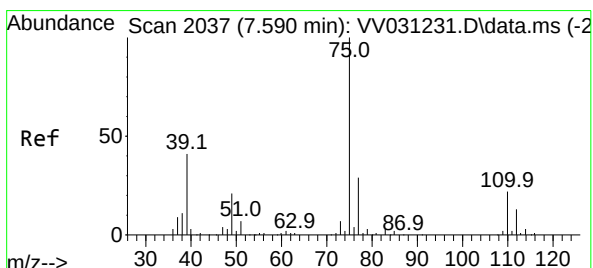
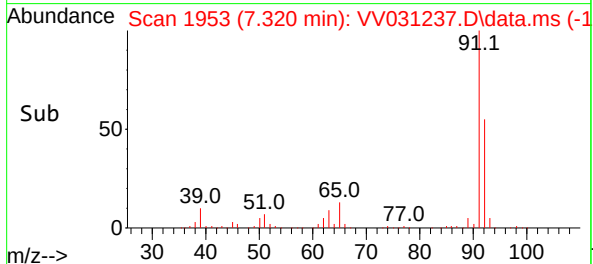
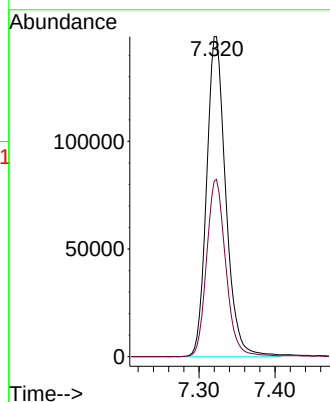
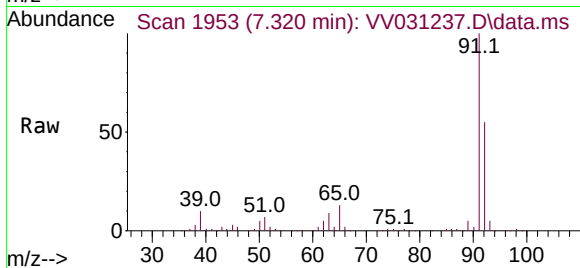
ClientSampleId :

Tgt Ion: 91 Resp: 260471

Ion Ratio Lower Upper

91 100

92 54.9 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 5.433 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.003 min

Lab File: VV031237.D

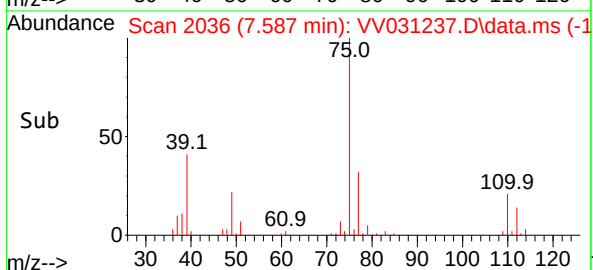
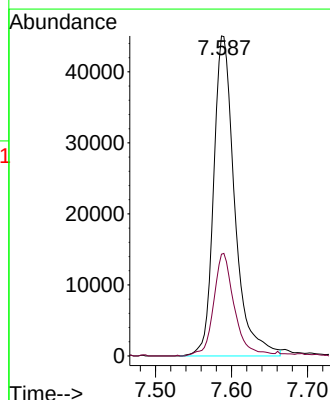
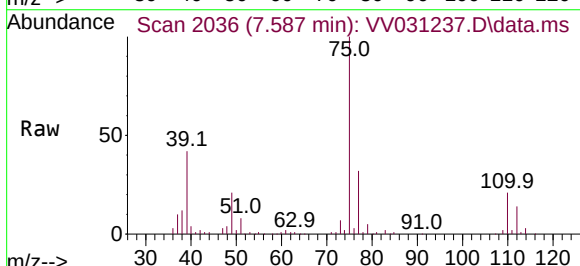
Acq: 25 May 2023 16:43

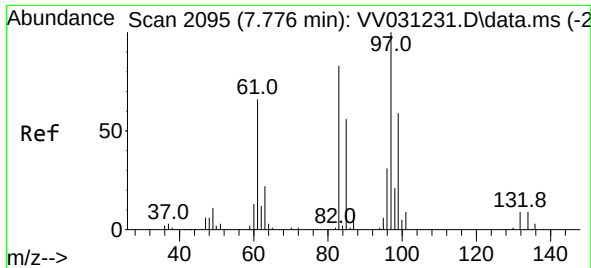
Tgt Ion: 75 Resp: 86723

Ion Ratio Lower Upper

75 100

77 31.8 20.4 38.0

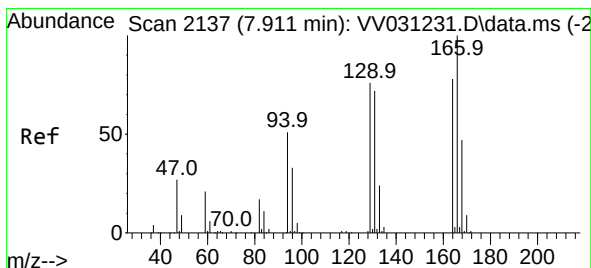
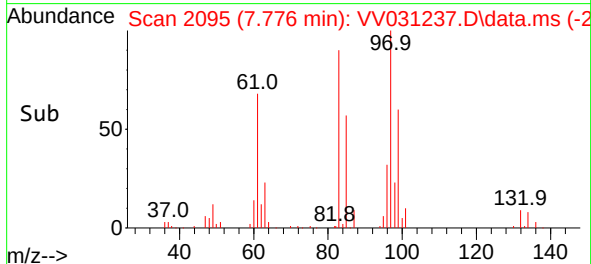
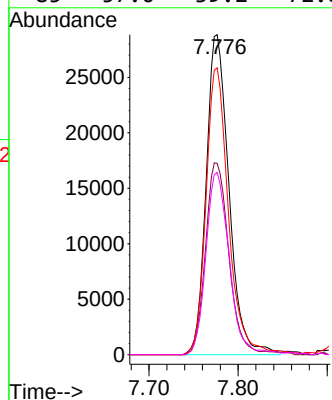
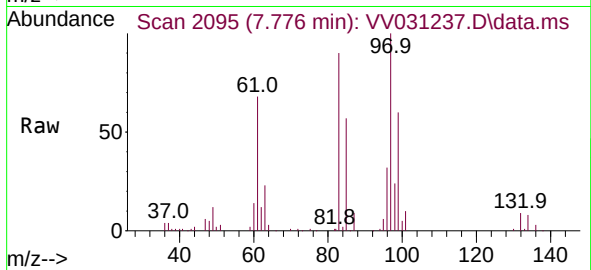




#45
1,1,2-Trichloroethane
Concen: 5.451 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

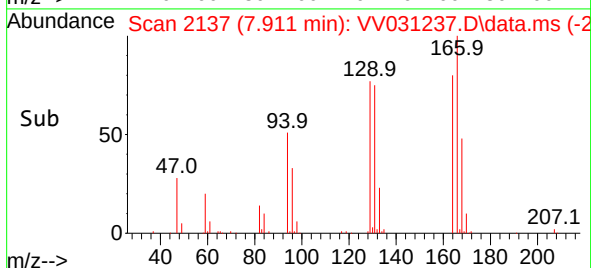
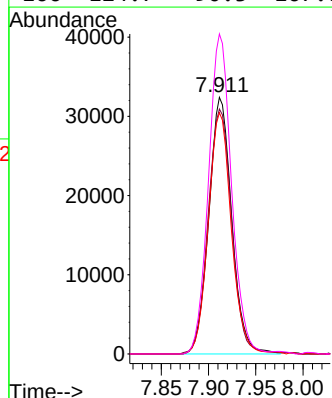
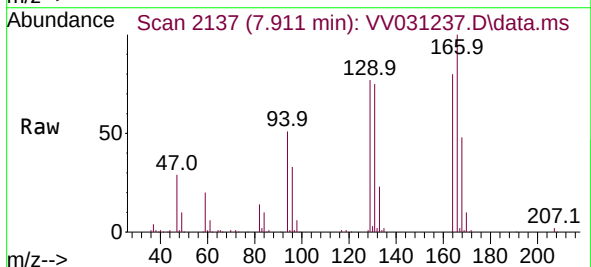
Instrument :
MSVOA_V
ClientSampleId :

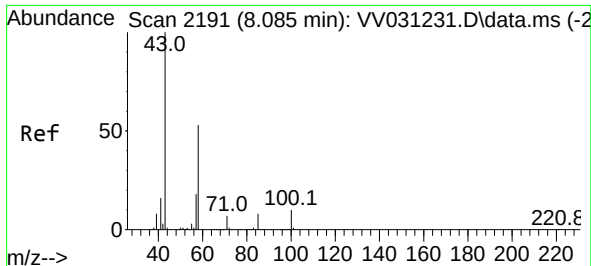
Tgt Ion: 97	Resp: 51183
Ion Ratio	Lower Upper
97 100	
99 59.8	41.2 76.4
83 89.7	58.2 108.0
85 57.0	39.2 72.8



#47
Tetrachloroethene
Concen: 5.304 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

Tgt	Ion:164	Resp:	54739
Ion	Ratio	Lower	Upper
164	100		
129	95.4	68.7	127.5
131	94.0	64.7	120.1
166	124.7	90.3	167.7

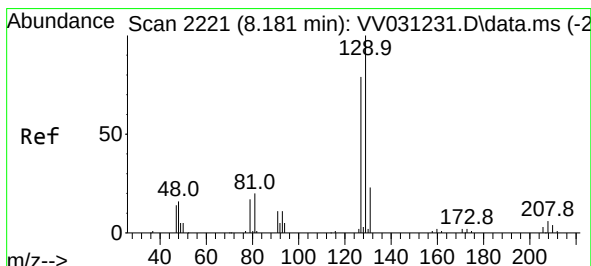
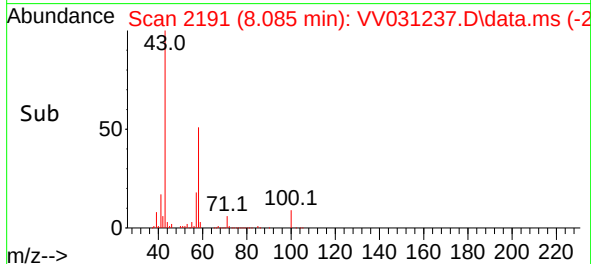
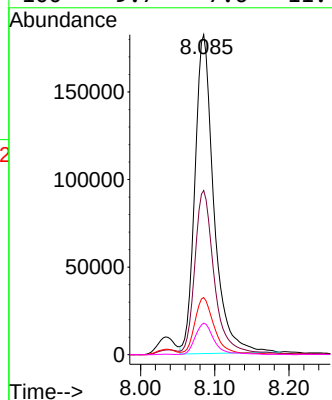
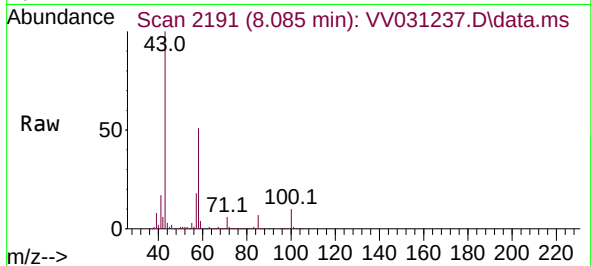




#48
2-Hexanone
Concen: 54.847 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

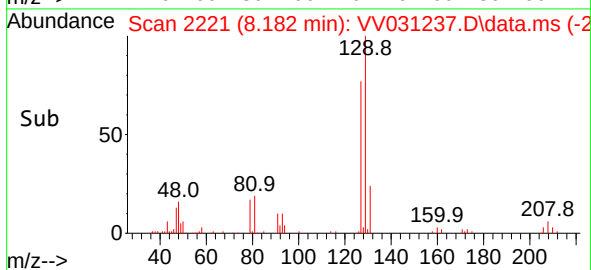
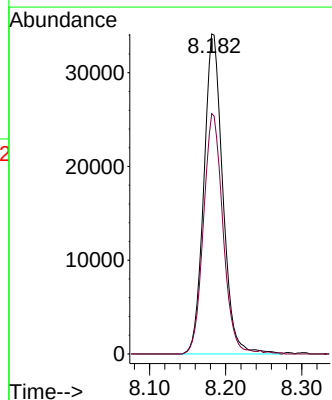
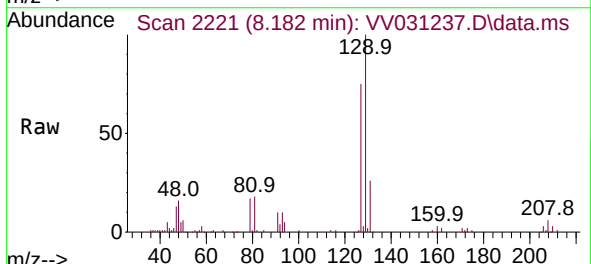
Instrument :
MSVOA_V
ClientSampleId :

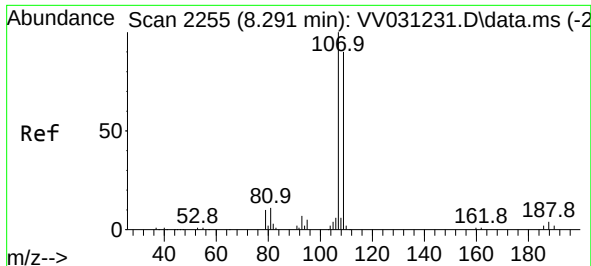
Tgt Ion: 43 Resp: 323890
Ion Ratio Lower Upper
43 100
58 53.0 41.4 62.0
57 18.6 14.1 21.1
100 9.7 7.6 11.4



#49
Dibromochloromethane
Concen: 5.228 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

Tgt Ion: 129 Resp: 58985
Ion Ratio Lower Upper
129 100
127 75.1 55.0 102.2





#50

1,2-Dibromoethane

Concen: 5.335 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031237.D

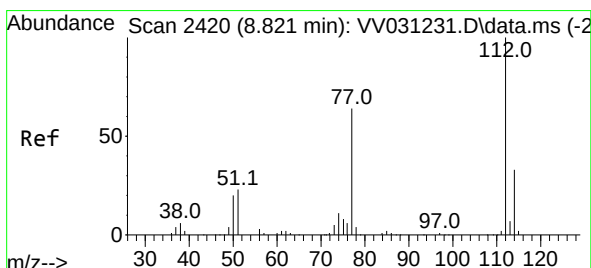
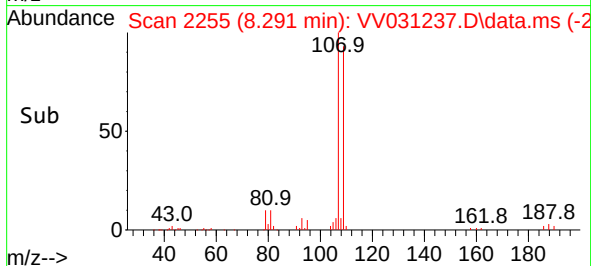
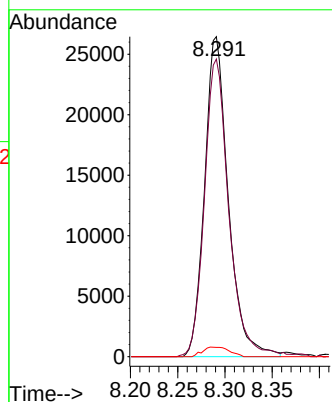
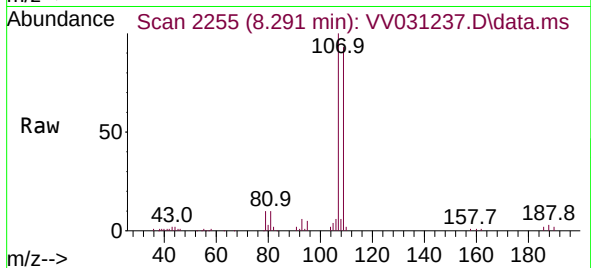
Acq: 25 May 2023 16:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	46248
Ion	Ratio	Lower	Upper
107	100		
109	93.0	62.8	116.6
188	2.9	3.2	4.8#



#51

Chlorobenzene

Concen: 5.209 ug/L

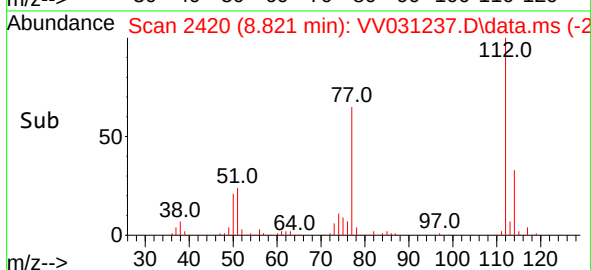
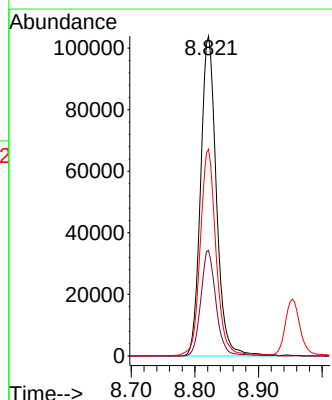
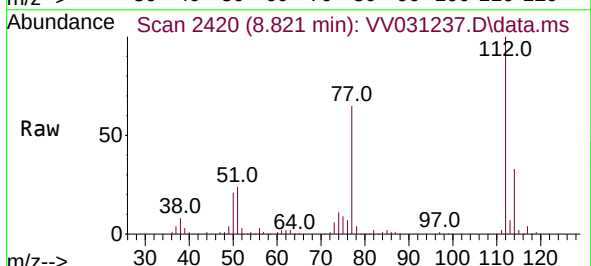
RT: 8.821 min Scan# 2420

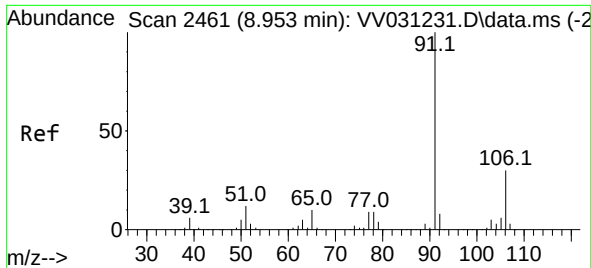
Delta R.T. 0.000 min

Lab File: VV031237.D

Acq: 25 May 2023 16:43

Tgt Ion:	112	Resp:	178431
Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.8	42.4
77	64.7	51.7	77.5

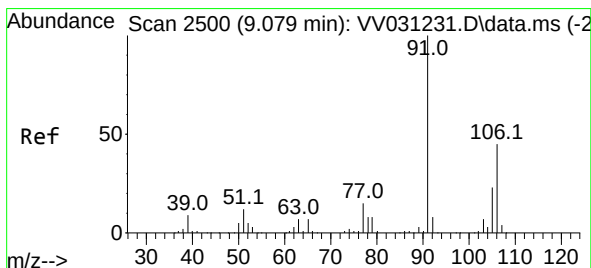
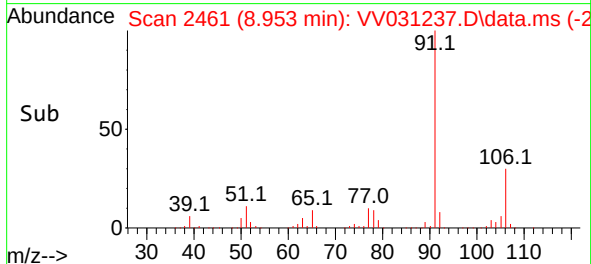
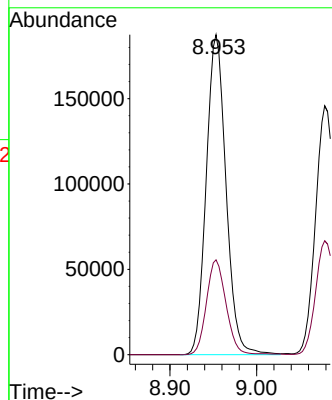
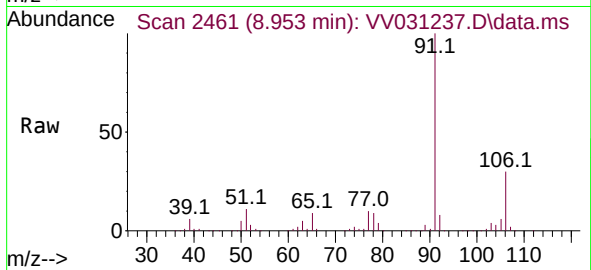




#52
Ethylbenzene
Concen: 5.169 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

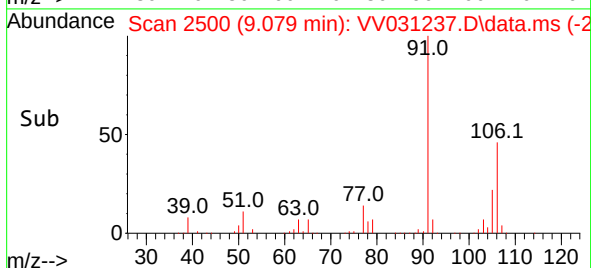
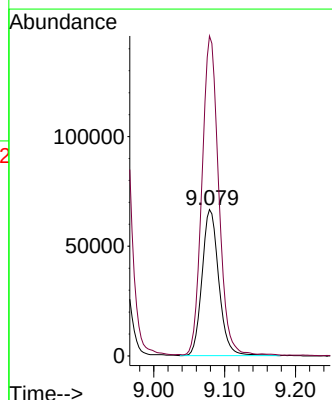
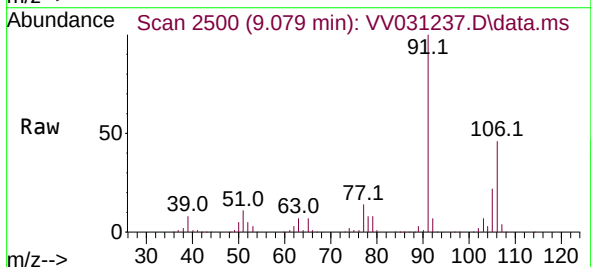
Instrument :
MSVOA_V
ClientSampleId :

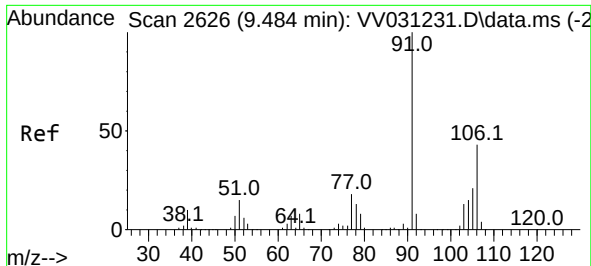
Tgt Ion: 91 Resp: 296789
Ion Ratio Lower Upper
91 100
106 29.6 21.1 39.1



#53
m,p-Xylene
Concen: 5.145 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

Tgt Ion: 106 Resp: 109161
Ion Ratio Lower Upper
106 100
91 218.6 154.7 287.3

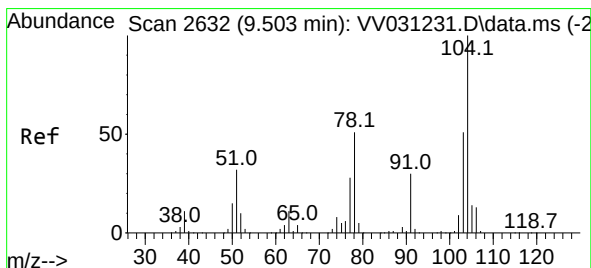
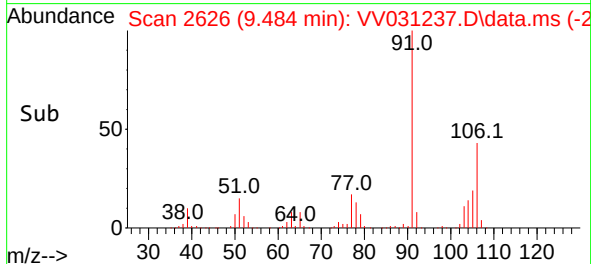
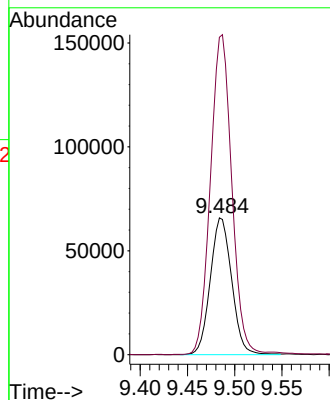
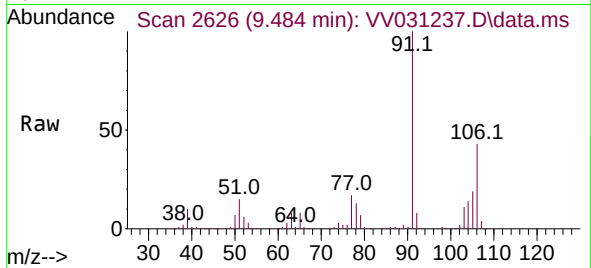




#54
o-Xylene
Concen: 5.133 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

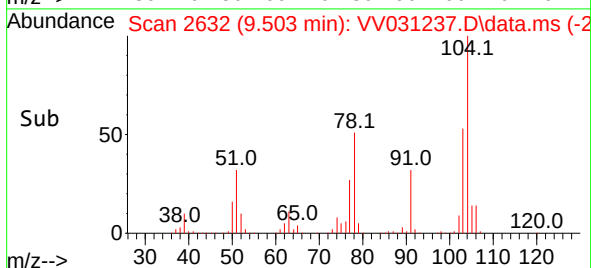
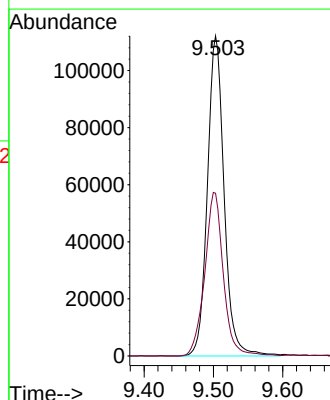
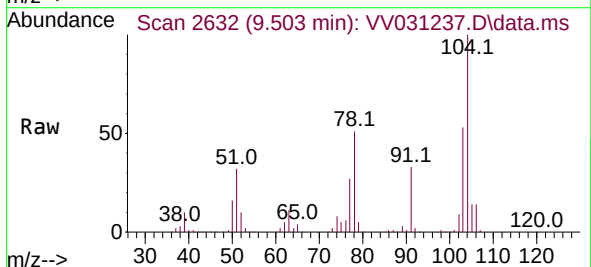
Instrument :
MSVOA_V
ClientSampleId :

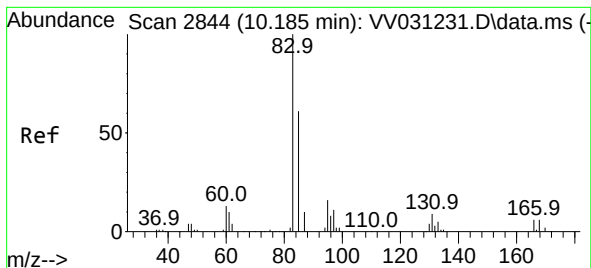
Tgt Ion:106 Resp: 103692
Ion Ratio Lower Upper
106 100
91 231.9 161.3 299.7



#55
Styrene
Concen: 5.261 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

Tgt Ion:104 Resp: 187387
Ion Ratio Lower Upper
104 100
78 50.9 35.6 66.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.238 ug/L

RT: 10.185 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031237.D

Acq: 25 May 2023 16:43

Instrument :

MSVOA_V

ClientSampleId :

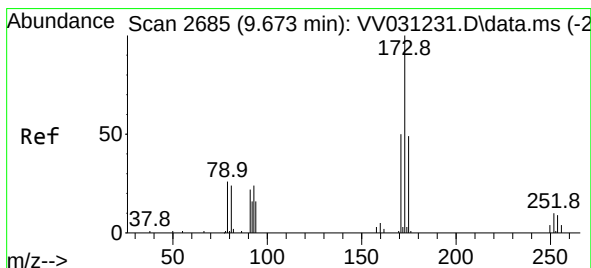
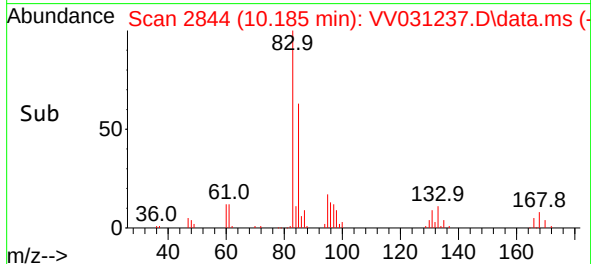
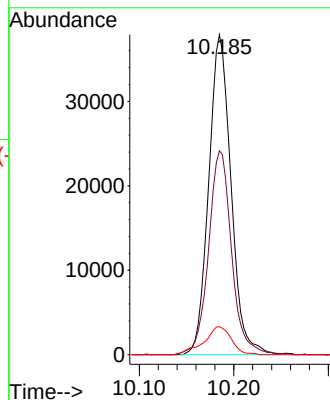
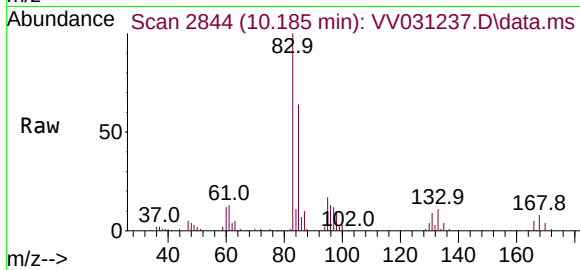
Tgt Ion: 83 Resp: 62084

Ion Ratio Lower Upper

83 100

85 63.7 43.0 80.0

131 8.8 7.6 11.4



#59

Bromoform

Concen: 4.872 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. -0.003 min

Lab File: VV031237.D

Acq: 25 May 2023 16:43

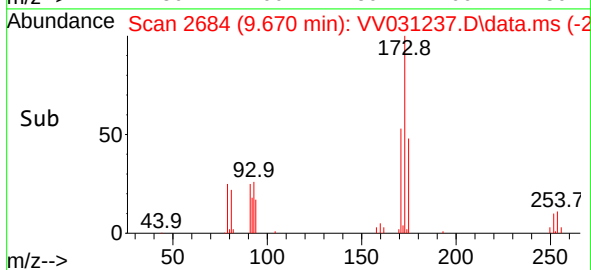
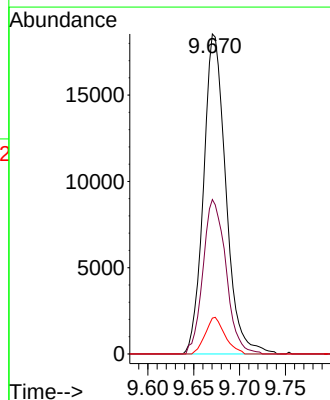
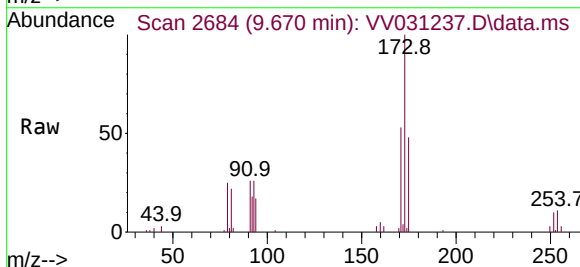
Tgt Ion: 173 Resp: 31469

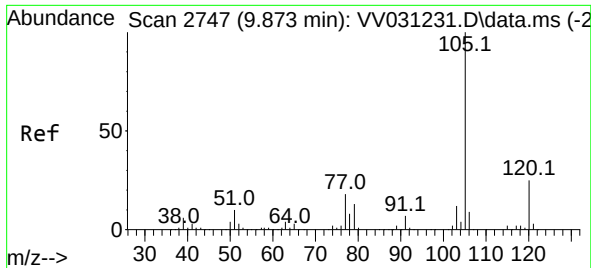
Ion Ratio Lower Upper

173 100

175 49.5 39.0 58.4

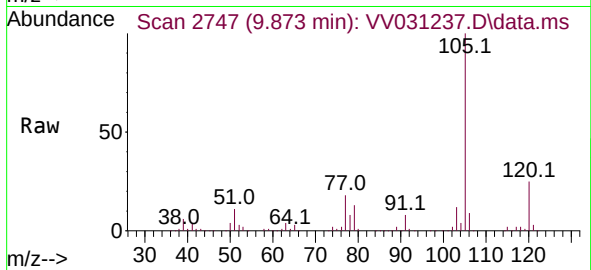
254 10.1 7.9 11.9



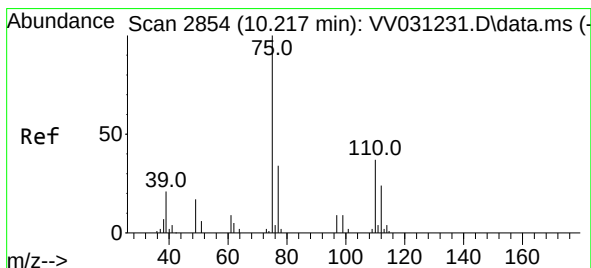
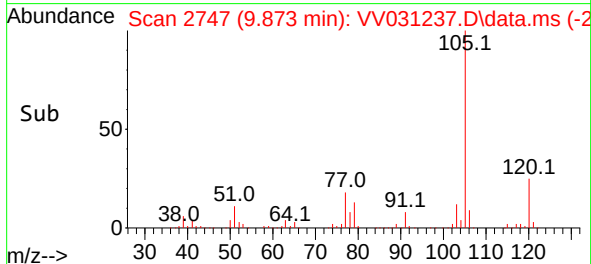
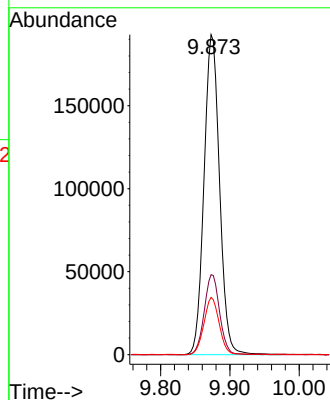


#60
Isopropylbenzene
Concen: 5.152 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

Instrument :
MSVOA_V
ClientSampleId :

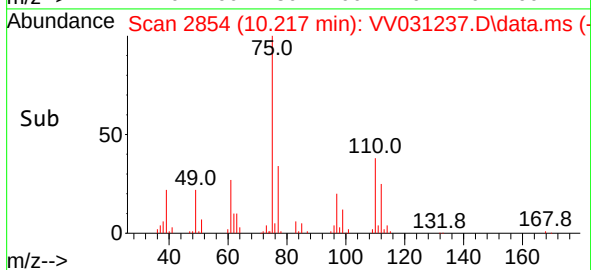
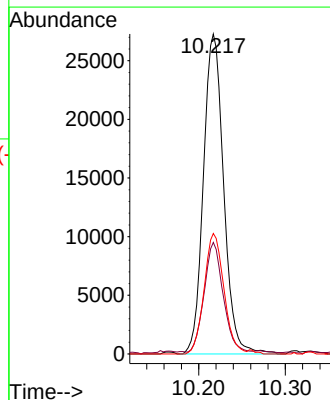
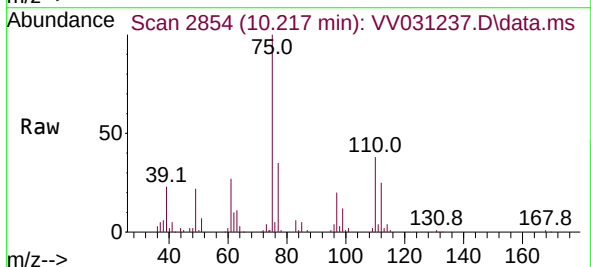


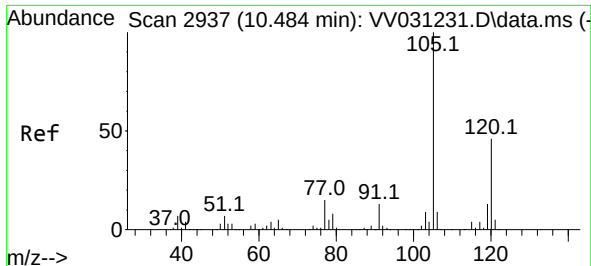
Tgt Ion:105 Resp: 299658
Ion Ratio Lower Upper
105 100
120 24.6 19.9 29.9
77 17.7 13.9 20.9



#61
1,2,3-Trichloropropane
Concen: 5.080 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

Tgt Ion: 75 Resp: 44298
Ion Ratio Lower Upper
75 100
77 32.0 26.6 40.0
110 36.8 29.8 44.8

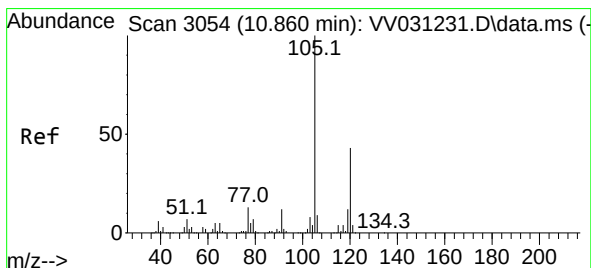
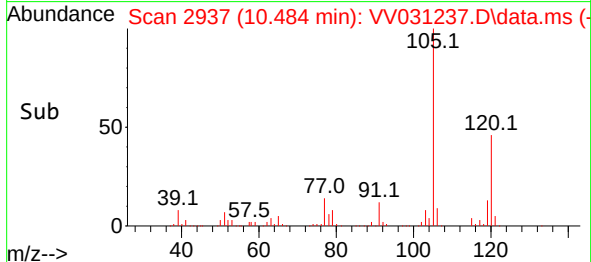
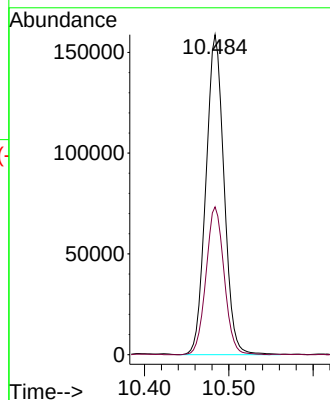
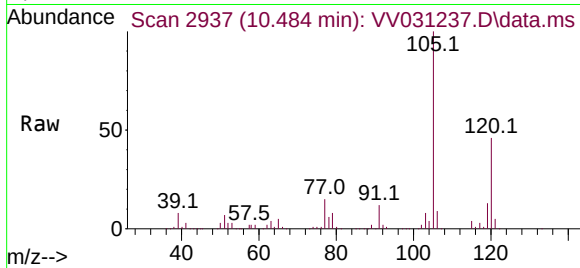




#62
1,3,5-Trimethylbenzene
Concen: 5.040 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

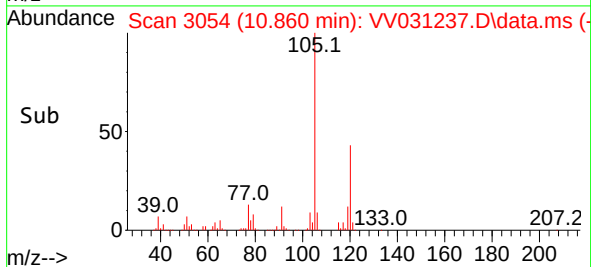
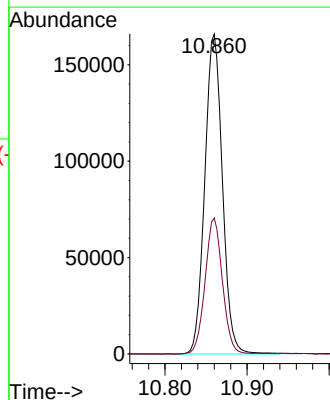
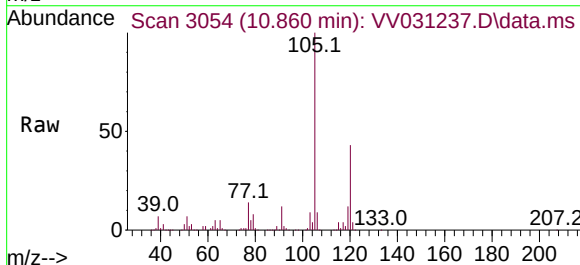
Instrument :
MSVOA_V
ClientSampleId :

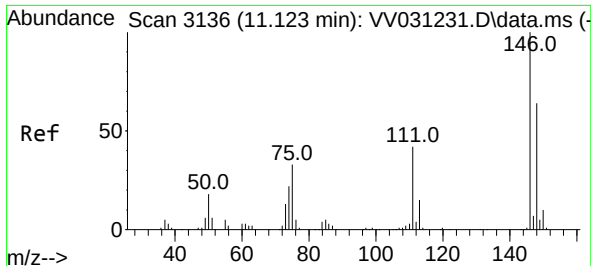
Tgt Ion:105 Resp: 237696
Ion Ratio Lower Upper
105 100
120 46.4 36.6 55.0



#63
1,2,4-Trimethylbenzene
Concen: 5.124 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

Tgt Ion:105 Resp: 247450
Ion Ratio Lower Upper
105 100
120 41.9 34.4 51.6

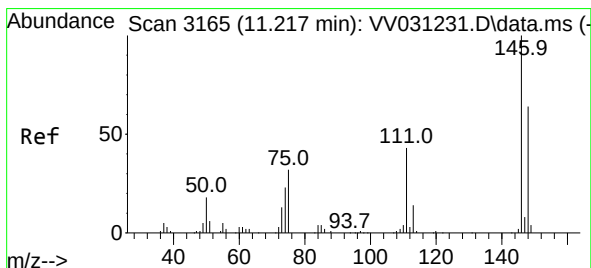
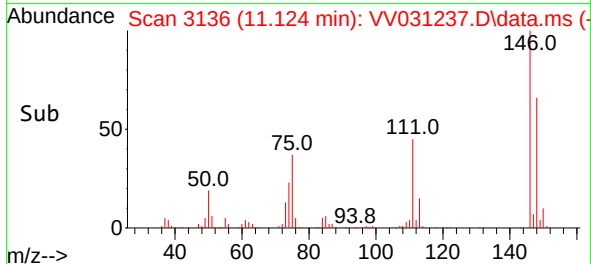
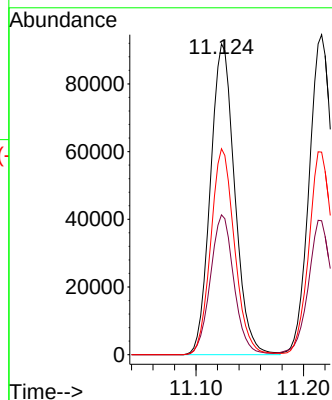
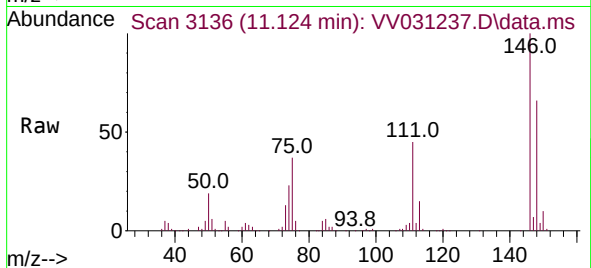




#64
1,3-Dichlorobenzene
Concen: 5.240 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

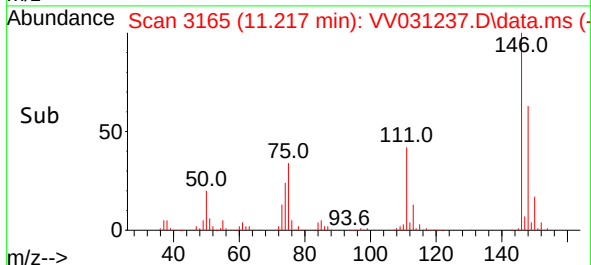
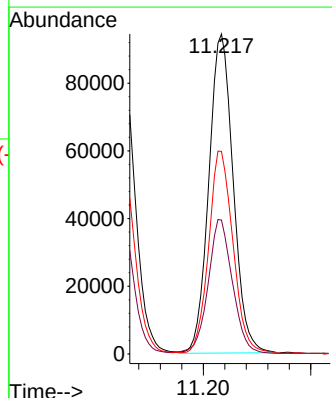
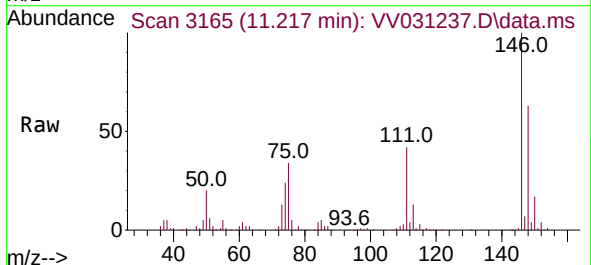
Instrument :
MSVOA_V
ClientSampleId :

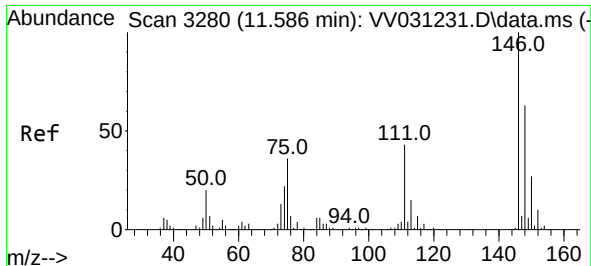
Tgt Ion:146 Resp: 144297
Ion Ratio Lower Upper
146 100
111 45.0 29.5 54.9
148 66.2 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.259 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

Tgt Ion:146 Resp: 148191
Ion Ratio Lower Upper
146 100
111 41.8 30.4 56.5
148 63.3 44.9 83.3

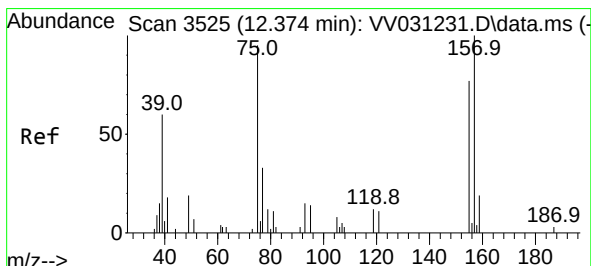
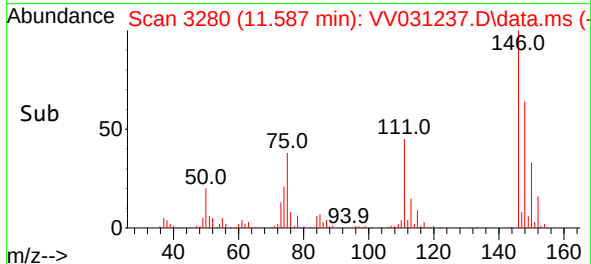
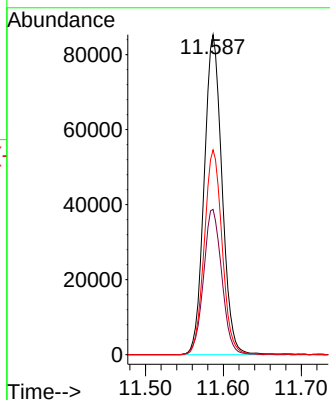
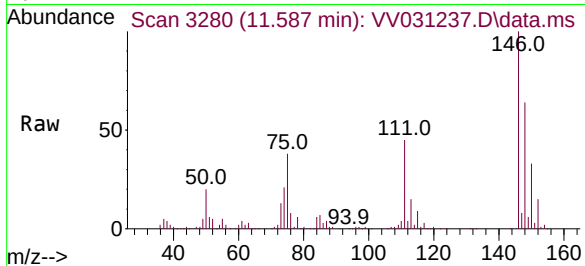




#67
1,2-Dichlorobenzene
Concen: 5.136 ug/L
RT: 11.587 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

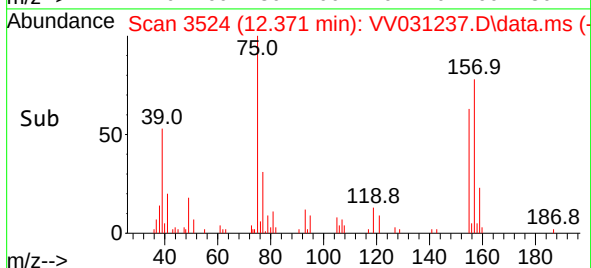
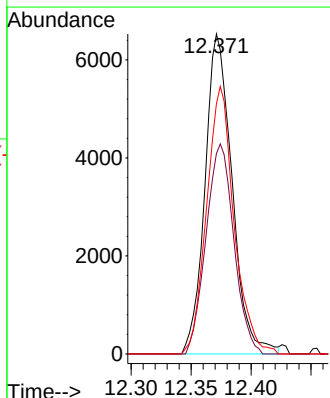
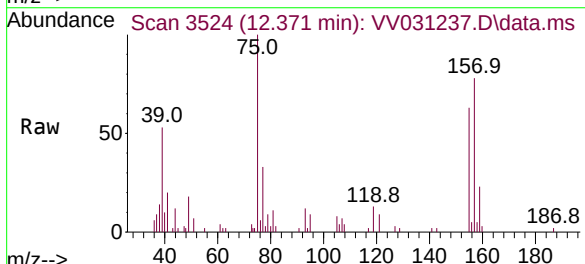
Instrument :
MSVOA_V
ClientSampleId :

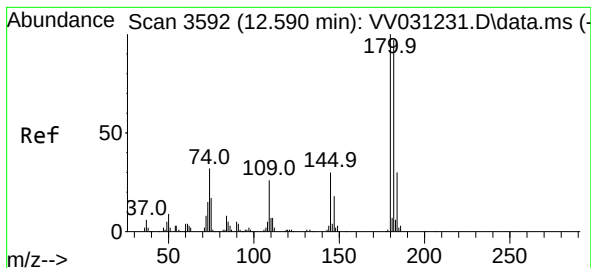
Tgt Ion:146 Resp: 135575
Ion Ratio Lower Upper
146 100
111 45.4 34.3 51.5
148 64.0 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.584 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.003 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

Tgt Ion: 75 Resp: 10262
Ion Ratio Lower Upper
75 100
155 62.6 64.6 96.8#
157 78.2 84.1 126.1#





#69

1,3,5-Trichlorobenzene

Concen: 5.047 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. 0.000 min

Lab File: VV031237.D

Acq: 25 May 2023 16:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 112865

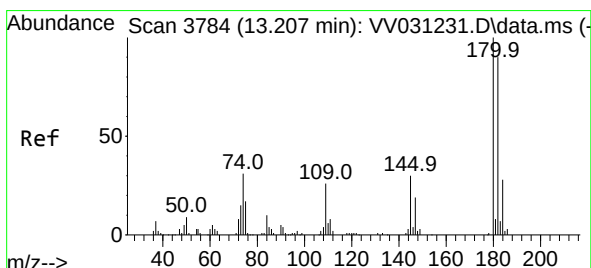
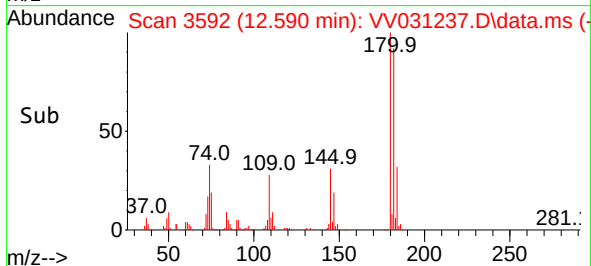
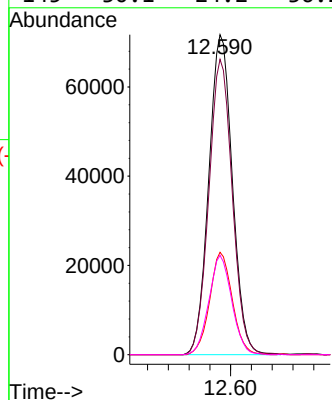
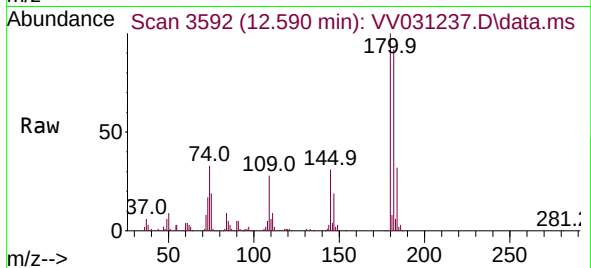
Ion Ratio Lower Upper

180 100

182 91.9 76.6 114.8

184 30.6 24.9 37.3

145 30.1 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 4.681 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.000 min

Lab File: VV031237.D

Acq: 25 May 2023 16:43

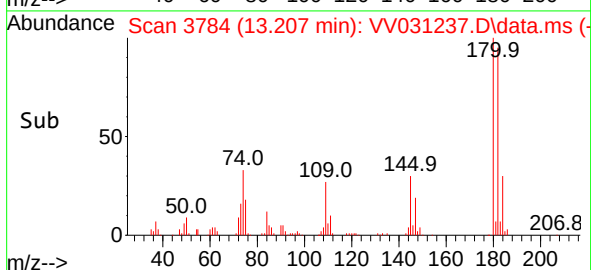
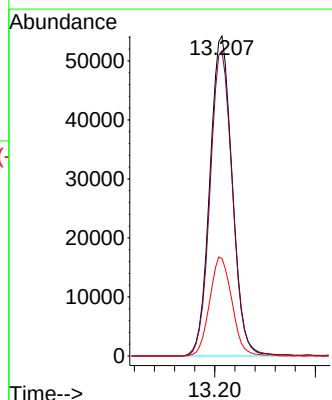
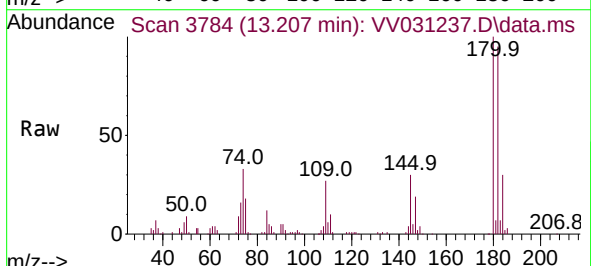
Tgt Ion:180 Resp: 83675

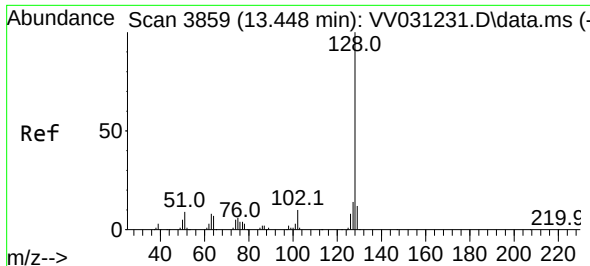
Ion Ratio Lower Upper

180 100

182 95.4 74.8 112.2

145 30.9 24.1 36.1

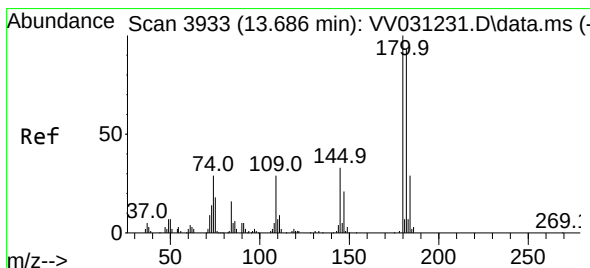
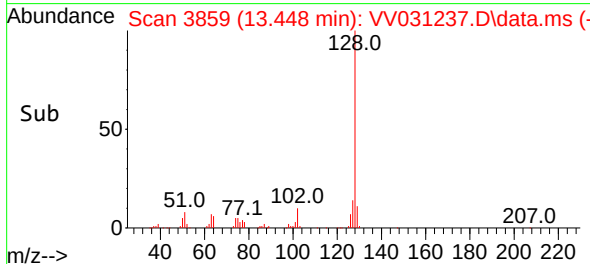
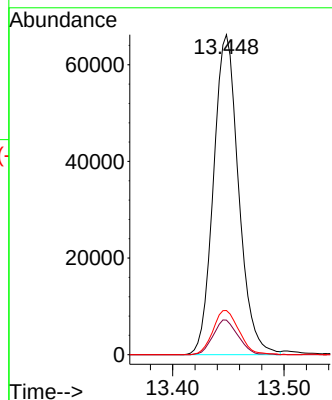
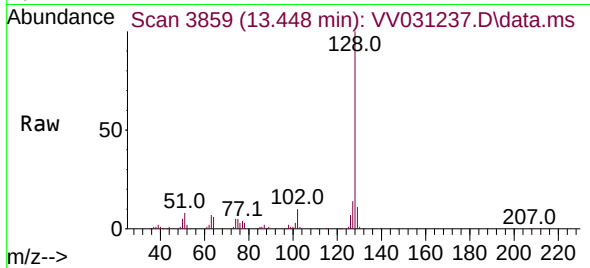




#71
Naphthalene
Concen: 3.922 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.000 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 103760
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 14.3 11.5 17.3



#72
1,2,3-Trichlorobenzene
Concen: 4.702 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. 0.003 min
Lab File: VV031237.D
Acq: 25 May 2023 16:43

Tgt Ion:180 Resp: 72304
Ion Ratio Lower Upper
180 100
182 98.6 77.6 116.4
145 34.2 26.9 40.3

