

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052523\
 Data File : VW031241.D
 Acq On : 25 May 2023 18:48
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 26 07:02:46 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	147738	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	144062	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	79250	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	74872	4.573	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.535	69	60417	4.730	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.063	65	30469	4.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	3.812	46	166606	47.276	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.560%
24) Chloroform-d	4.259	84	154431	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.953	65	77971	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	4.969	84	271021	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	5.995	67	94174	4.678	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.249	98	232541	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.561	79	26716	4.127	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.034	63	111545	42.204	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.400%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	63666	4.481	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	83088	4.469	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	80550	5.067	ug/L	98
3) Chloromethane	1.217	50	85299	4.796	ug/L	99
5) Vinyl chloride	1.285	62	88064	5.119	ug/L	99
6) Bromomethane	1.490	94	38960	4.587	ug/L	99
8) Chloroethane	1.552	64	46428	5.121	ug/L	99
9) Trichlorofluoromethane	1.719	101	117756	4.979	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	64321	5.138	ug/L	97
12) 1,1-Dichloroethene	2.076	96	50797	5.080	ug/L	81
13) Acetone	2.140	43	106396	38.416	ug/L	100
14) Carbon disulfide	2.246	76	147520	4.981	ug/L	98
15) Methyl Acetate	2.391	43	26642	4.829	ug/L	98
16) Methylene chloride	2.452	84	75822	4.393	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	134772	4.887	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	56722	5.087	ug/L	96
19) 1,1-Dichloroethane	3.117	63	139264	5.063	ug/L	98
21) 2-Butanone	3.895	43	157718	45.039	ug/L	100
22) cis-1,2-Dichloroethene	3.822	96	63940	4.991	ug/L	99
23) Bromochloromethane	4.159	128	28898	5.063	ug/L	98
25) Chloroform	4.285	83	149634	5.320	ug/L	97

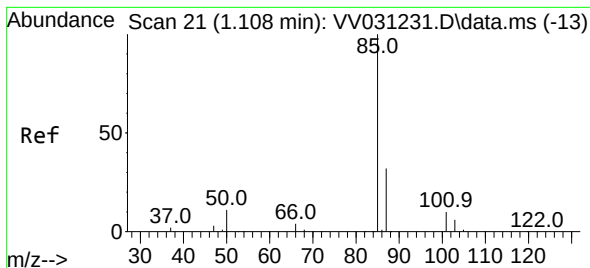
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052523\
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Quant Time: May 26 07:02:46 2023
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:48:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	84731	5.307	ug/L	96
29) 1,1,1-Trichloroethane	4.519	97	128992	4.805	ug/L	99
30) Cyclohexane	4.590	56	95041	4.625	ug/L	99
31) Carbon tetrachloride	4.741	117	112191	4.846	ug/L	100
33) Benzene	5.018	78	266989	4.973	ug/L	100
34) Trichloroethene	5.841	95	70533	4.890	ug/L	96
35) Methylcyclohexane	6.059	83	91564	4.592	ug/L	96
37) 1,2-Dichloropropane	6.101	63	77589	4.933	ug/L	99
38) Bromodichloromethane	6.439	83	98452	4.994	ug/L	97
39) cis-1,3-Dichloropropene	6.963	75	82488	4.425	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	354700	46.040	ug/L	100
42) Toluene	7.323	91	246765	4.678	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	74166	4.587	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	40457	4.253	ug/L	93
47) Tetrachloroethene	7.911	164	45645	4.366	ug/L	99
48) 2-Hexanone	8.085	43	263065	43.975	ug/L	98
49) Dibromochloromethane	8.185	129	53573	4.688	ug/L	97
50) 1,2-Dibromoethane	8.291	107	40321	4.591	ug/L	96
51) Chlorobenzene	8.821	112	170127	4.903	ug/L	100
52) Ethylbenzene	8.953	91	284562	4.893	ug/L	99
53) m,p-Xylene	9.079	106	102797	4.783	ug/L	99
54) o-Xylene	9.487	106	98876	4.832	ug/L	98
55) Styrene	9.503	104	181591	5.033	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	60039	5.000	ug/L	96
59) Bromoform	9.673	173	29810	4.646	ug/L	97
60) Isopropylbenzene	9.873	105	284503	4.924	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	42779	4.939	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	222982	4.760	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	236242	4.925	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	142808	5.220	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	141561	5.057	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	131016	4.997	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	9325	5.109	ug/L	91
69) 1,3,5-Trichlorobenzene	12.590	180	104831	4.719	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	75193	4.234	ug/L	96
71) Naphthalene	13.448	128	90695	3.451	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	64828	4.245	ug/L	97

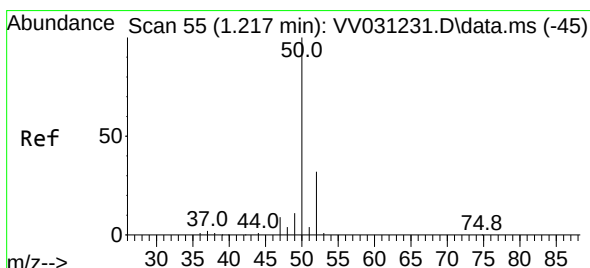
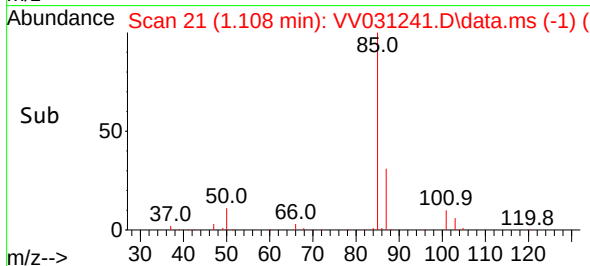
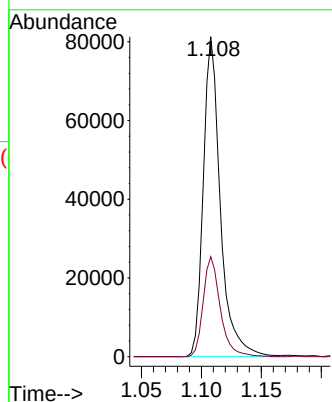
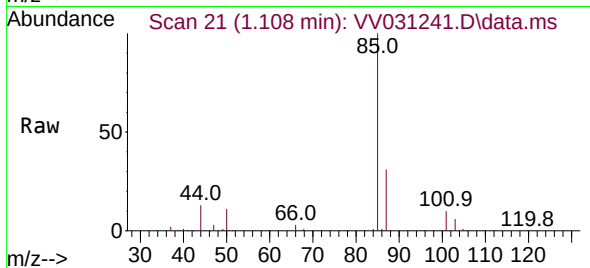
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#2
Dichlorodifluoromethane
Concen: 5.067 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

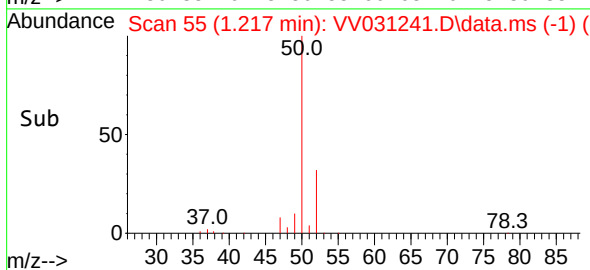
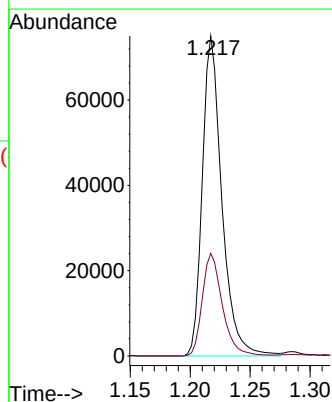
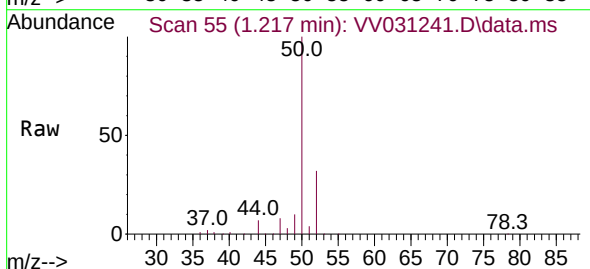
Instrument :
MSVOA_V
ClientSampleId :

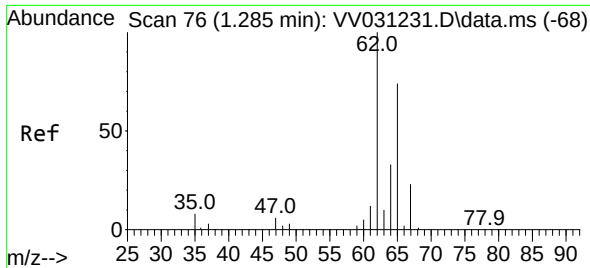
Tgt Ion: 85 Resp: 80550
Ion Ratio Lower Upper
85 100
87 31.4 26.1 39.1



#3
Chloromethane
Concen: 4.796 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

Tgt Ion: 50 Resp: 85299
Ion Ratio Lower Upper
50 100
52 32.0 22.7 42.1

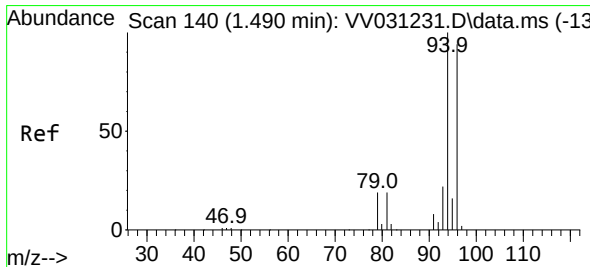
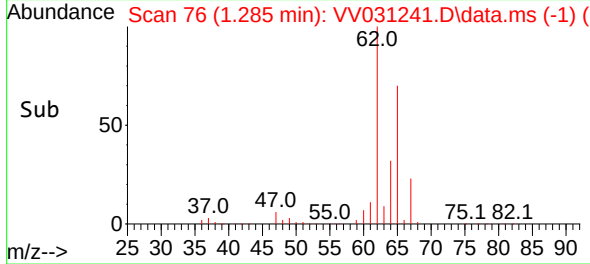
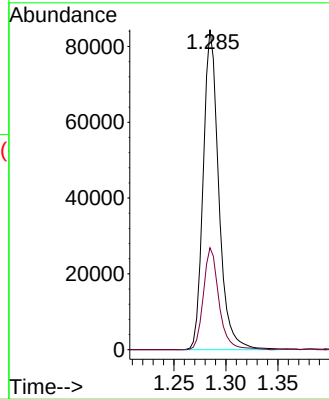
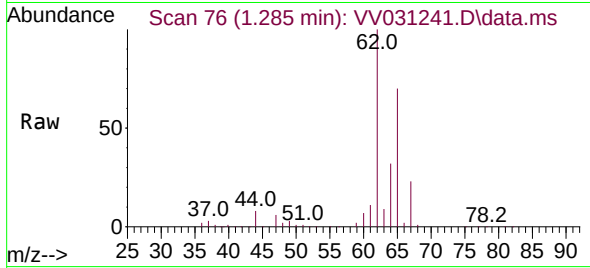




#5
 Vinyl chloride
 Concen: 5.119 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV031241.D
 Acq: 25 May 2023 18:48

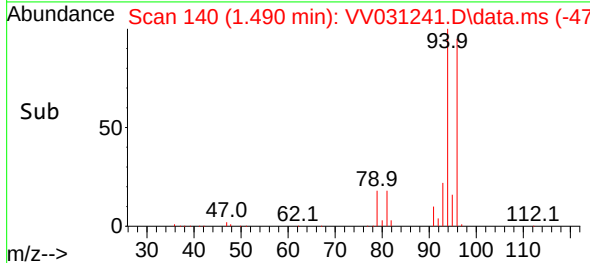
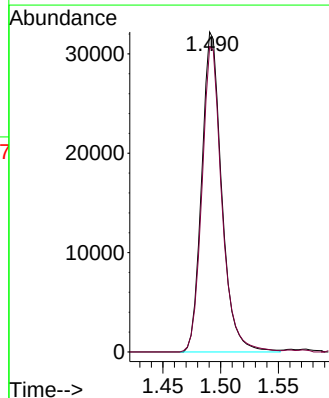
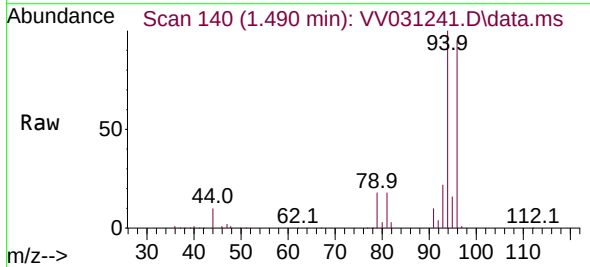
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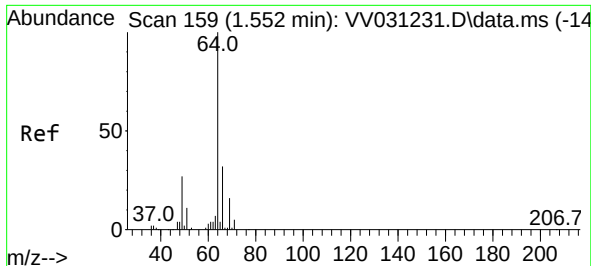
Tgt Ion: 62 Resp: 88064
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.7 42.3



#6
 Bromomethane
 Concen: 4.587 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV031241.D
 Acq: 25 May 2023 18:48

Tgt Ion: 94 Resp: 38960
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.8 122.2

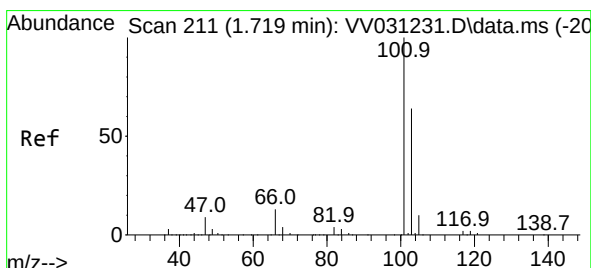
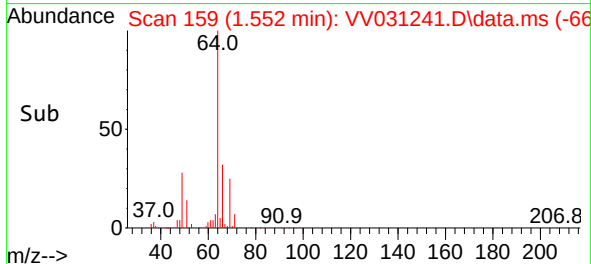
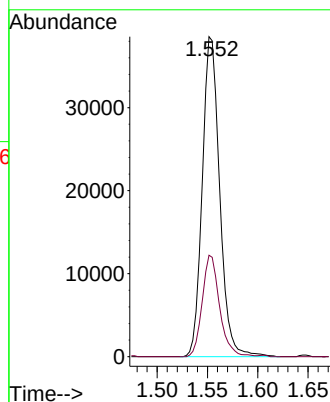
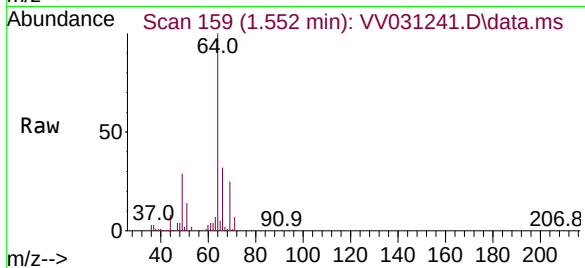




#8
Chloroethane
Concen: 5.121 ug/L
RT: 1.552 min Scan# 159
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

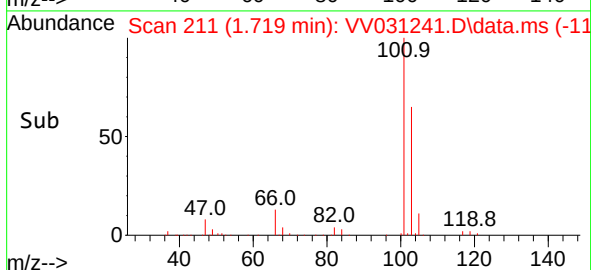
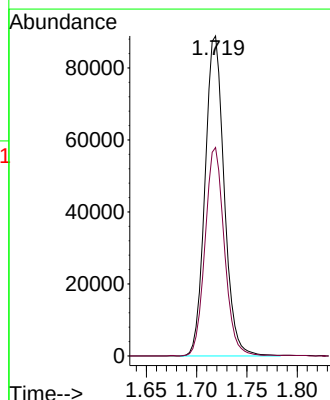
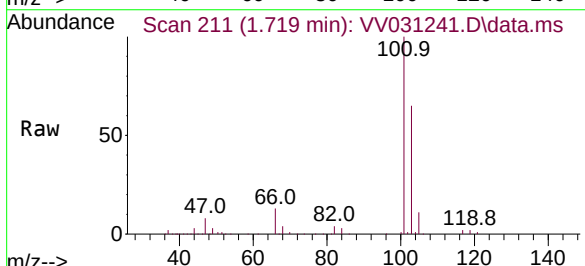
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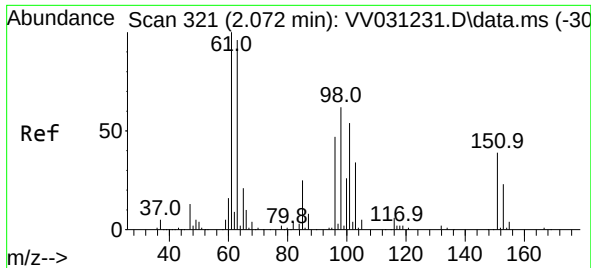
Tgt Ion: 64 Resp: 46428
Ion Ratio Lower Upper
64 100
66 31.7 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.979 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

Tgt Ion: 101 Resp: 117756
Ion Ratio Lower Upper
101 100
103 65.6 52.1 78.1

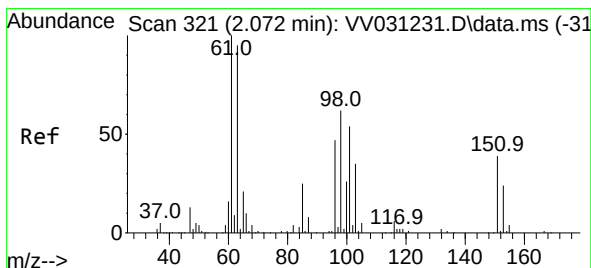
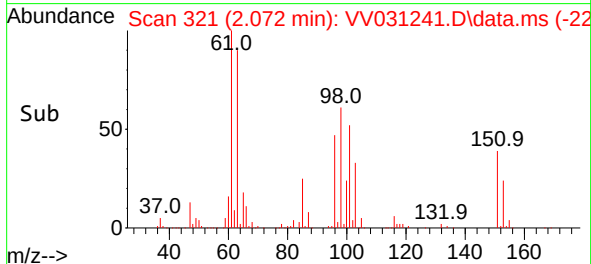
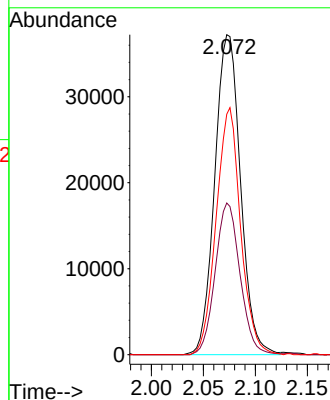
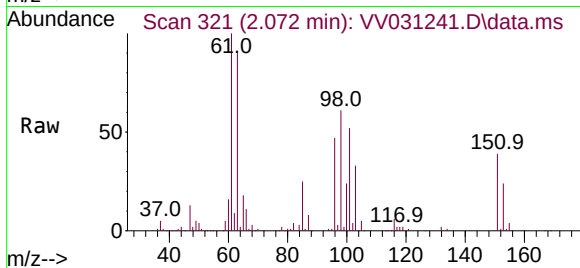




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.138 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV031241.D
 Acq: 25 May 2023 18:48

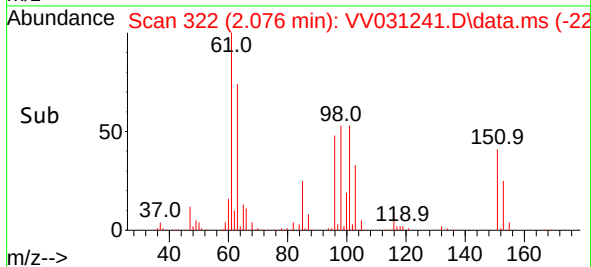
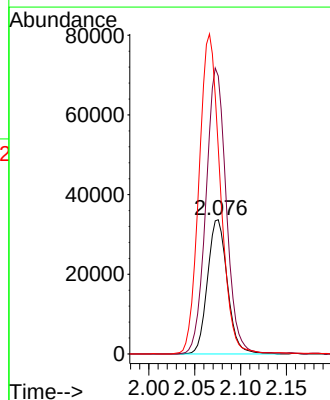
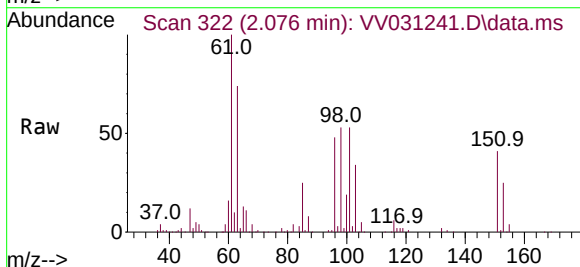
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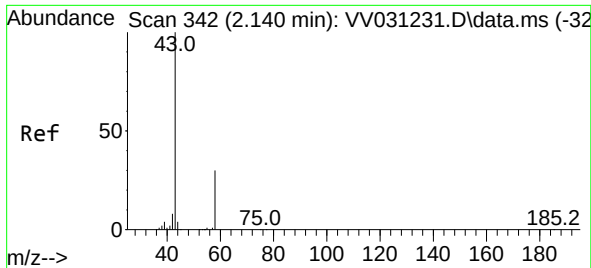
Tgt Ion:101 Resp: 64321
 Ion Ratio Lower Upper
 101 100
 85 45.5 37.6 56.4
 151 73.2 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 5.080 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.003 min
 Lab File: VV031241.D
 Acq: 25 May 2023 18:48

Tgt Ion: 96 Resp: 50797
 Ion Ratio Lower Upper
 96 100
 61 207.2 150.0 278.6
 63 153.3 143.5 266.5





#13

Acetone

Concen: 38.416 ug/L

RT: 2.140 min Scan# 342

Delta R.T. 0.000 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

Instrument :

MSVOA_V

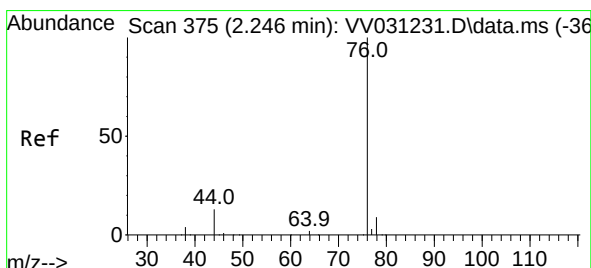
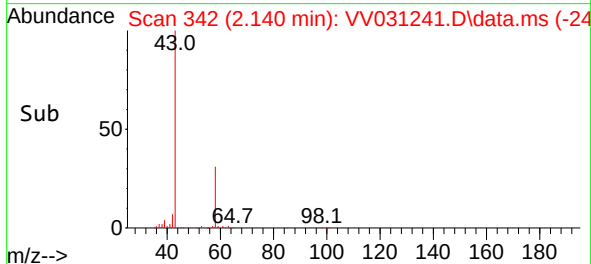
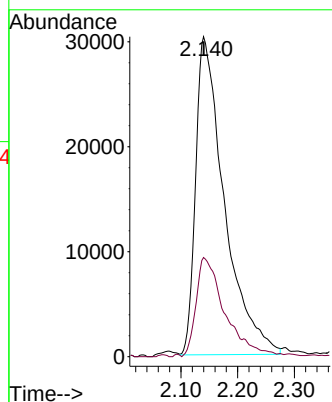
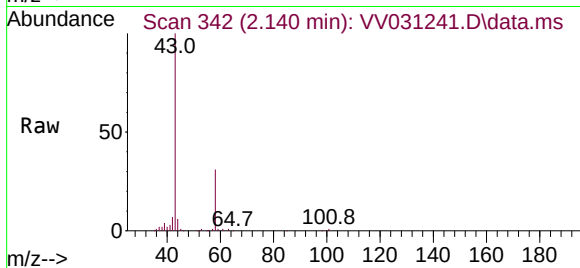
ClientSampleId :

Tgt Ion: 43 Resp: 106396

Ion Ratio Lower Upper

43 100

58 31.1 0.0 62.2



#14

Carbon disulfide

Concen: 4.981 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

Lab File: VV031241.D

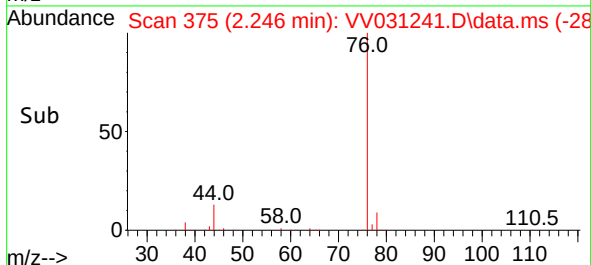
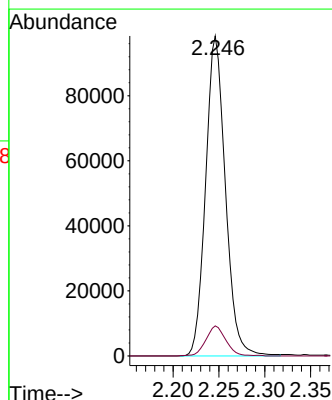
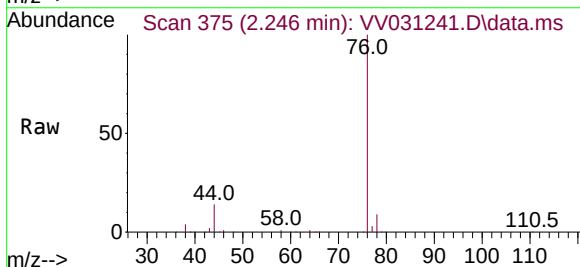
Acq: 25 May 2023 18:48

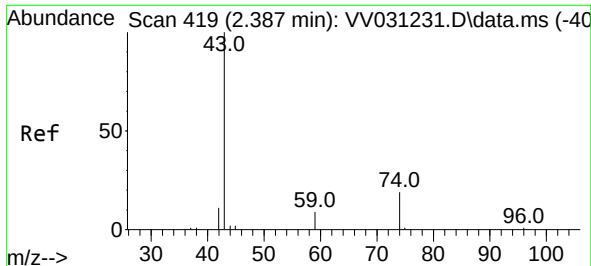
Tgt Ion: 76 Resp: 147520

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6

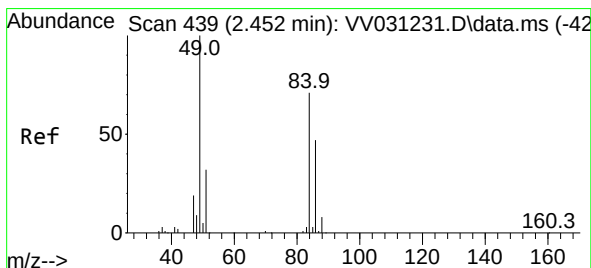
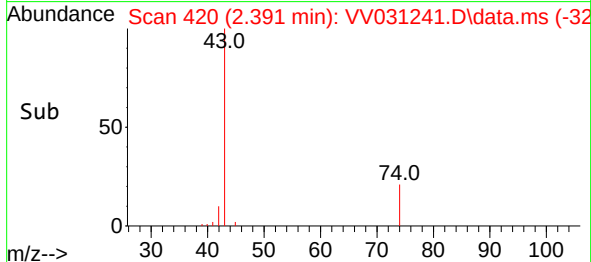
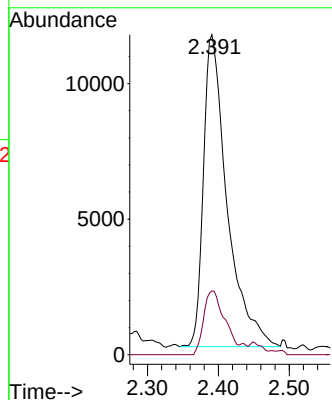
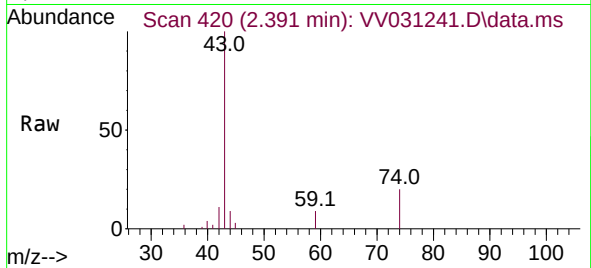




#15
Methyl Acetate
Concen: 4.829 ug/L
RT: 2.391 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

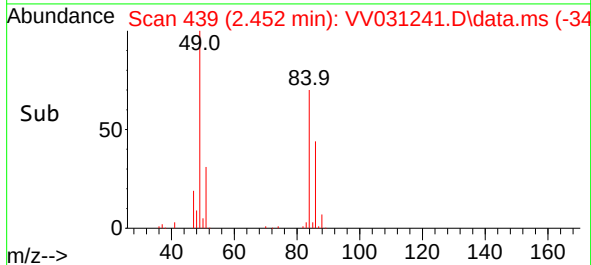
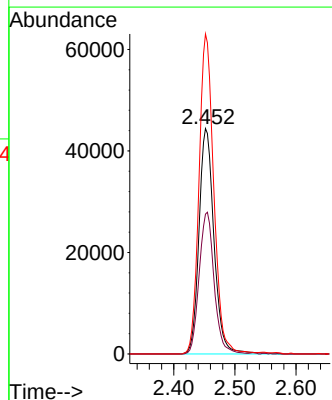
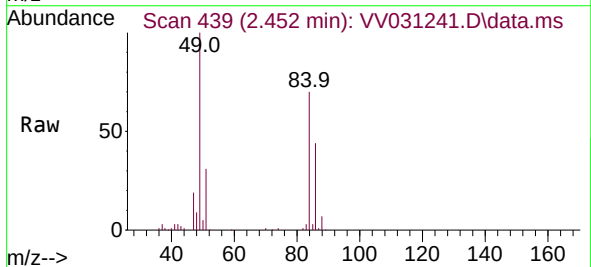
Instrument :
MSVOA_V
ClientSampleId :

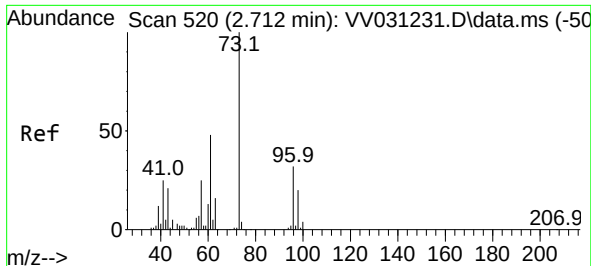
Tgt Ion: 43 Resp: 26642
Ion Ratio Lower Upper
43 100
74 18.4 15.5 23.3



#16
Methylene chloride
Concen: 4.393 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

Tgt Ion: 84 Resp: 75822
Ion Ratio Lower Upper
84 100
86 62.0 46.8 86.8
49 141.9 98.8 183.4





#17

Methyl tert-butyl Ether

Concen: 4.887 ug/L

RT: 2.709 min Scan# 519

Delta R.T. -0.003 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

Instrument :

MSVOA_V

ClientSampleId :

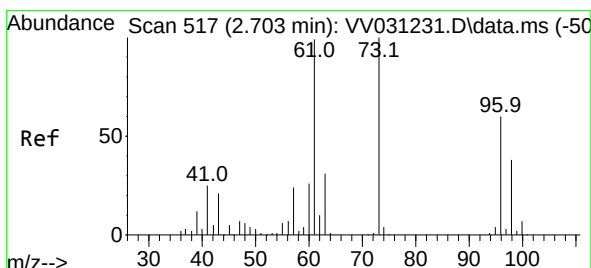
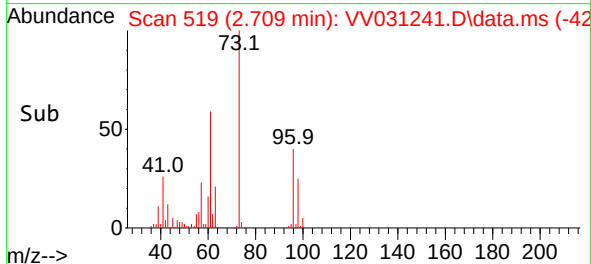
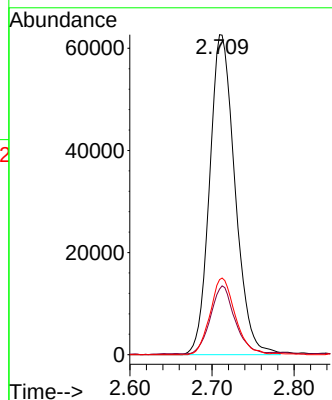
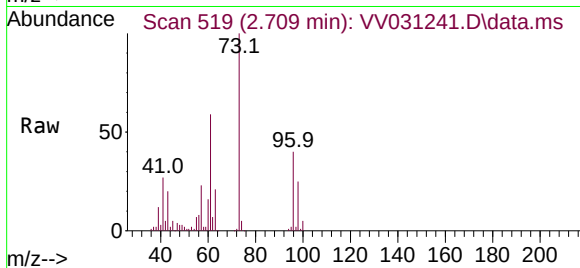
Tgt Ion: 73 Resp: 134772

Ion Ratio Lower Upper

73 100

43 20.4 17.0 25.6

57 23.6 19.5 29.3



#18

trans-1,2-Dichloroethene

Concen: 5.087 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

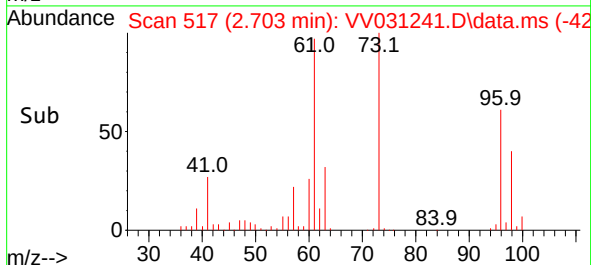
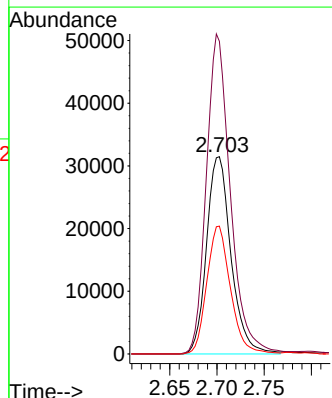
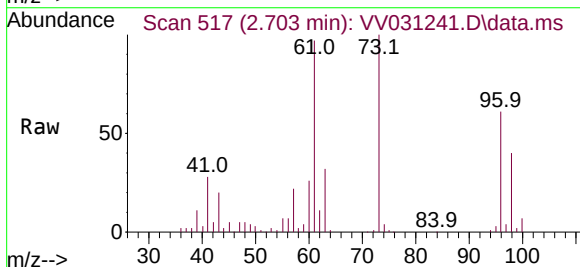
Tgt Ion: 96 Resp: 56722

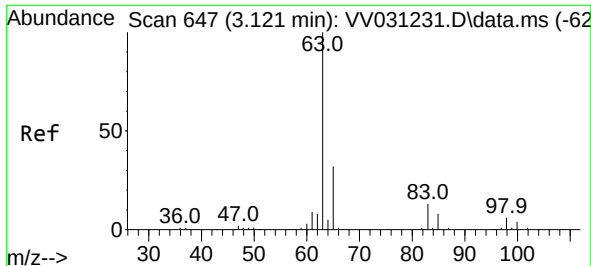
Ion Ratio Lower Upper

96 100

61 158.5 115.0 213.6

98 64.9 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.063 ug/L

RT: 3.117 min Scan# 647

Delta R.T. -0.003 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

Instrument :

MSVOA_V

ClientSampleId :

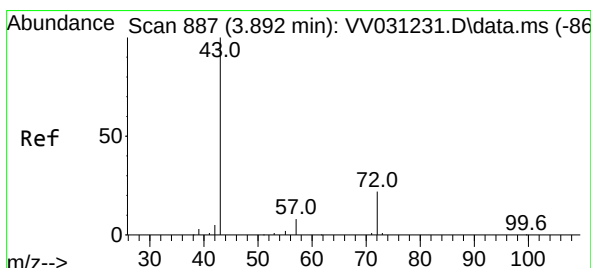
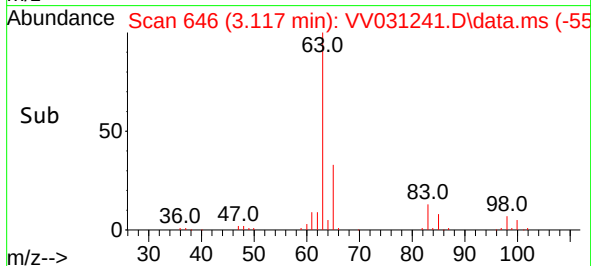
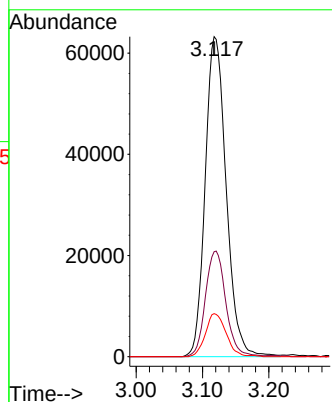
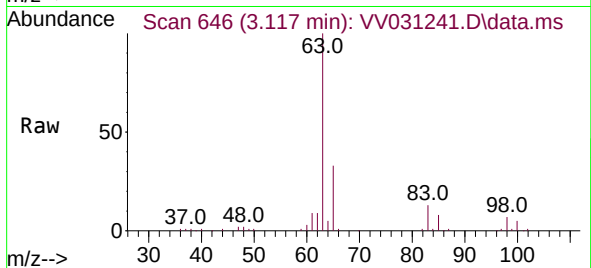
Tgt Ion: 63 Resp: 139264

Ion Ratio Lower Upper

63 100

65 32.8 22.4 41.6

83 13.5 9.0 16.6



#21

2-Butanone

Concen: 45.039 ug/L

RT: 3.895 min Scan# 888

Delta R.T. 0.003 min

Lab File: VV031241.D

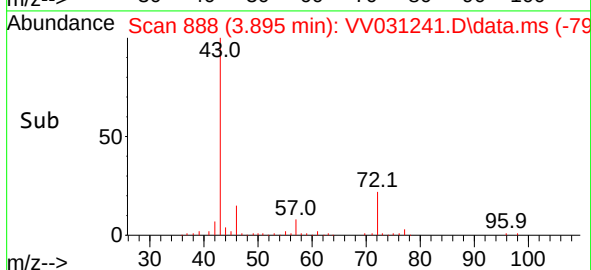
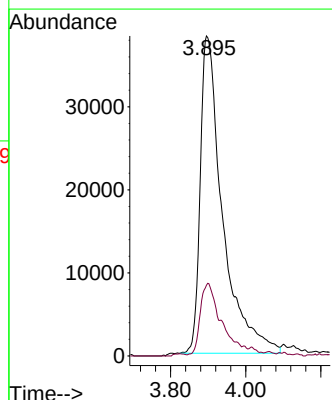
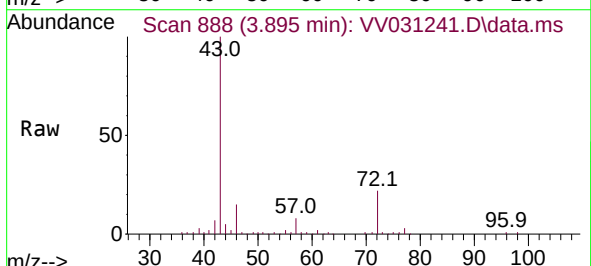
Acq: 25 May 2023 18:48

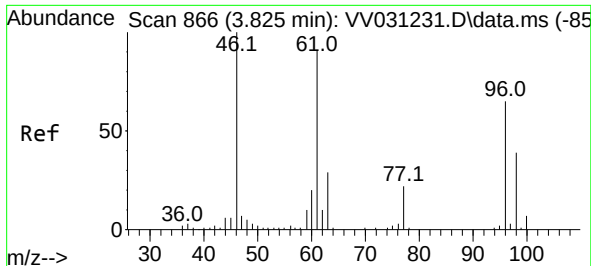
Tgt Ion: 43 Resp: 157718

Ion Ratio Lower Upper

43 100

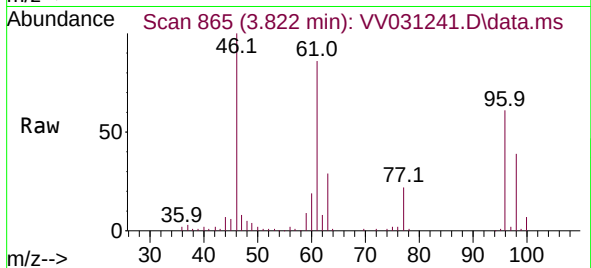
72 20.6 10.3 30.9





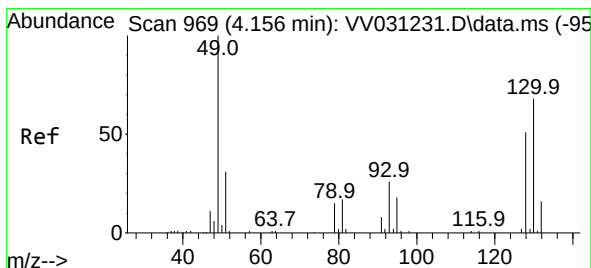
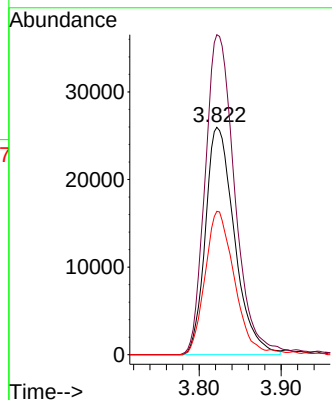
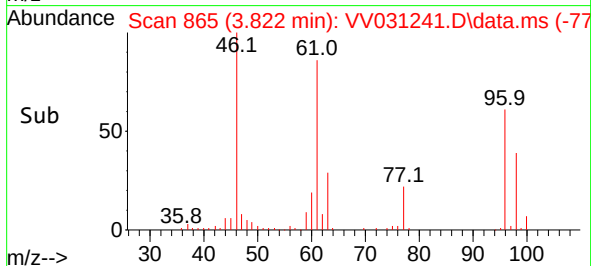
#22
 cis-1,2-Dichloroethene
 Concen: 4.991 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. -0.003 min
 Lab File: VV031241.D
 Acq: 25 May 2023 18:48

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 63940

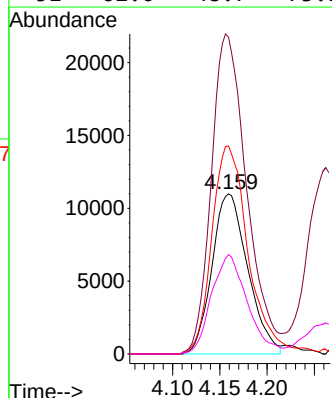
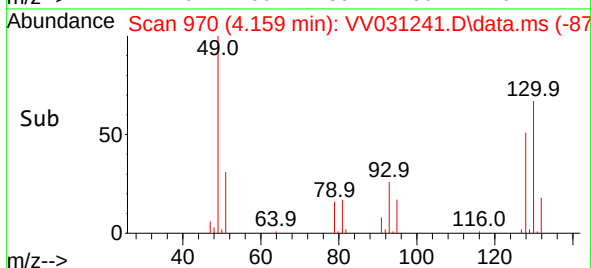
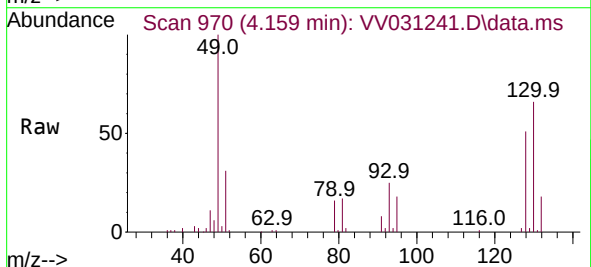
Ion	Ratio	Lower	Upper
96	100		
61	140.7	98.2	182.4
98	63.0	42.8	79.6

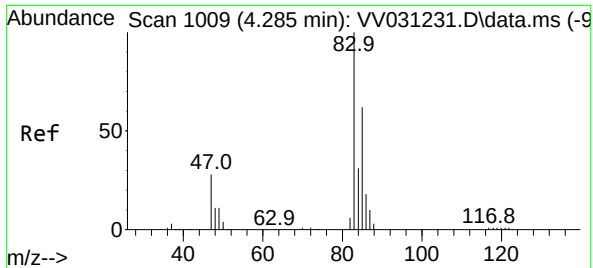


#23
 Bromochloromethane
 Concen: 5.063 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. 0.003 min
 Lab File: VV031241.D
 Acq: 25 May 2023 18:48

Tgt Ion: 128 Resp: 28898

Ion	Ratio	Lower	Upper
128	100		
49	197.7	136.2	253.0
130	129.9	92.0	170.9
51	62.0	48.7	73.1

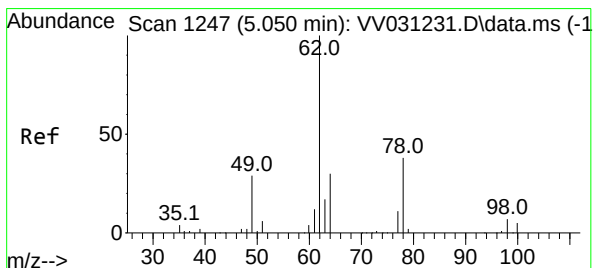
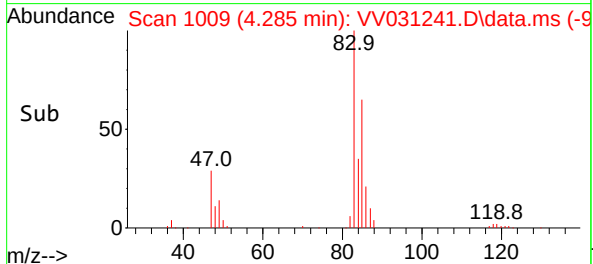
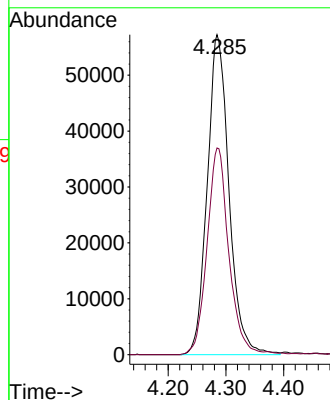
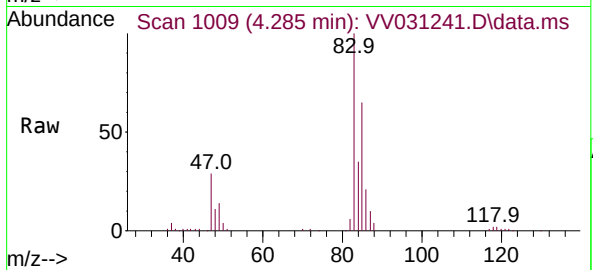




#25
Chloroform
Concen: 5.320 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

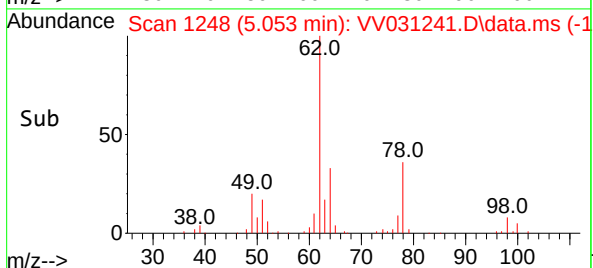
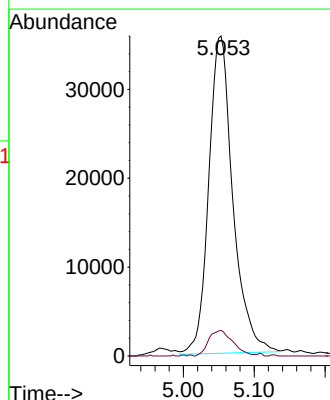
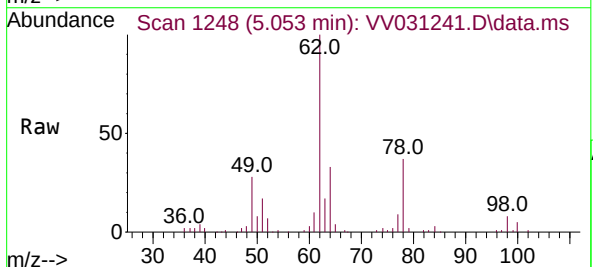
Instrument :
MSVOA_V
ClientSampleId :

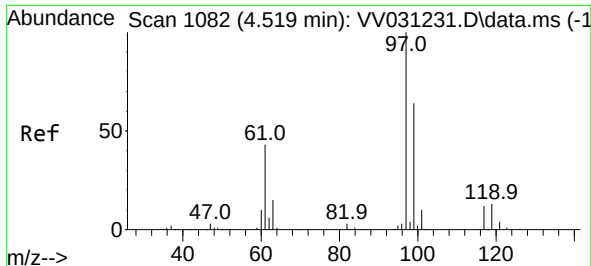
Tgt Ion: 83 Resp: 149634
Ion Ratio Lower Upper
83 100
85 64.6 43.4 80.6



#27
1,2-Dichloroethane
Concen: 5.307 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

Tgt Ion: 62 Resp: 84731
Ion Ratio Lower Upper
62 100
98 8.0 5.4 8.2





#29

1,1,1-Trichloroethane

Concen: 4.805 ug/L

RT: 4.519 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

Instrument :

MSVOA_V

ClientSampleId :

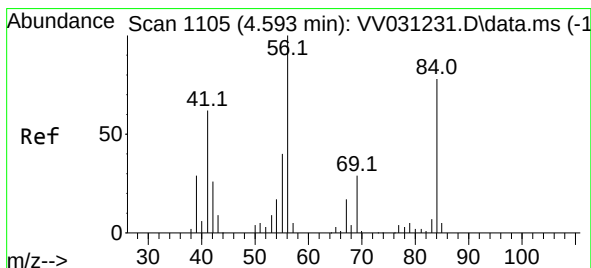
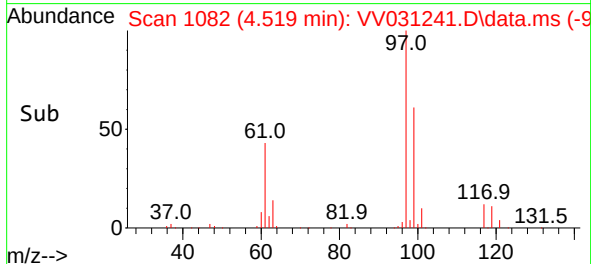
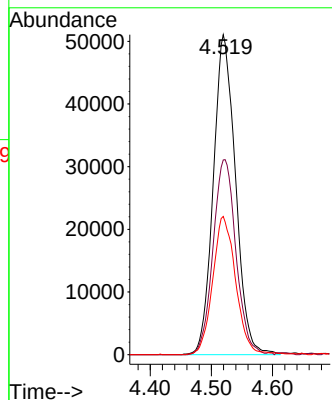
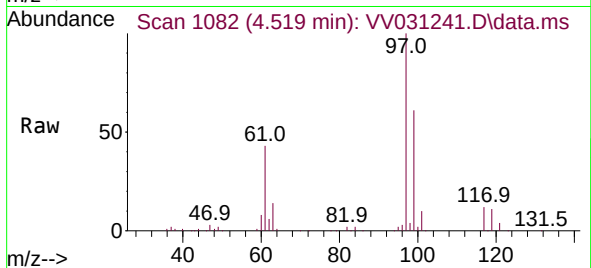
Tgt Ion: 97 Resp: 128992

Ion Ratio Lower Upper

97 100

99 62.8 50.6 75.8

61 44.8 35.5 53.3



#30

Cyclohexane

Concen: 4.625 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

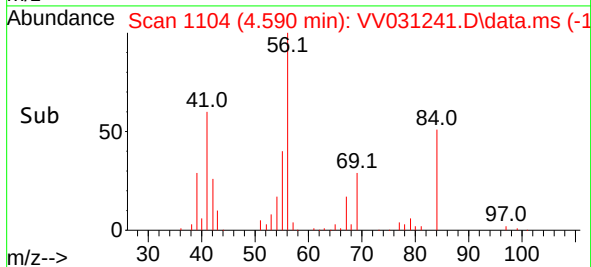
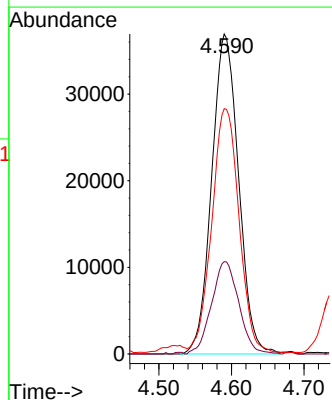
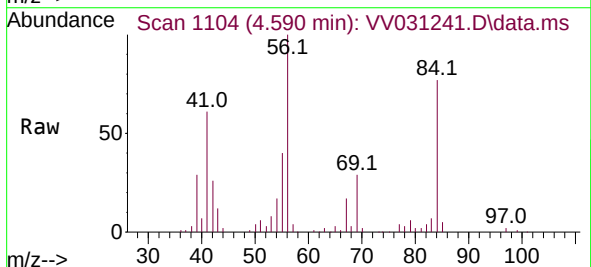
Tgt Ion: 56 Resp: 95041

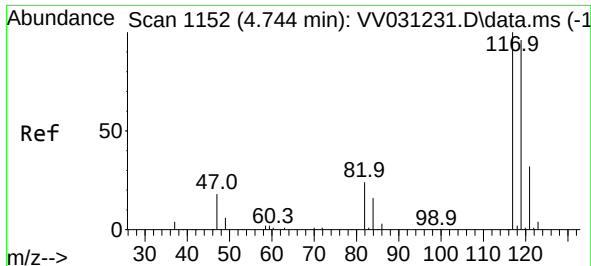
Ion Ratio Lower Upper

56 100

69 29.3 24.0 36.0

84 77.3 62.5 93.7

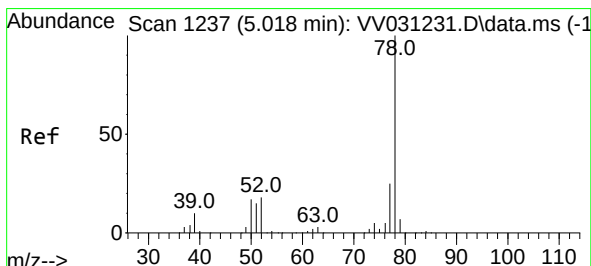
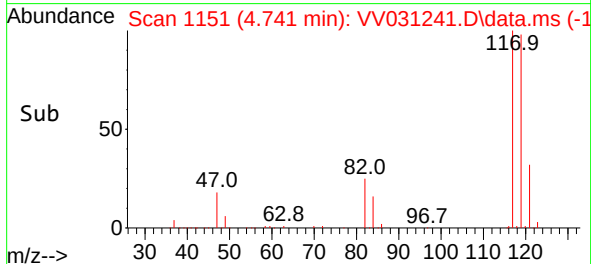
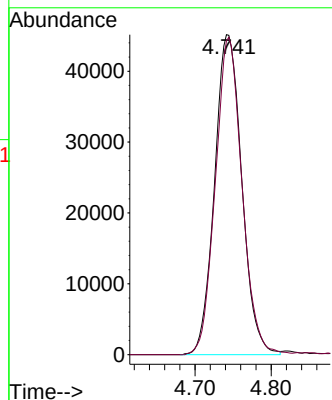
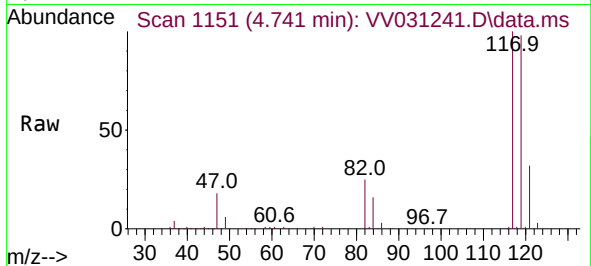




#31
Carbon tetrachloride
Concen: 4.846 ug/L
RT: 4.741 min Scan# 1152
Delta R.T. -0.003 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

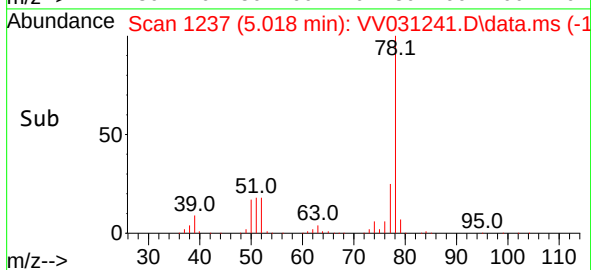
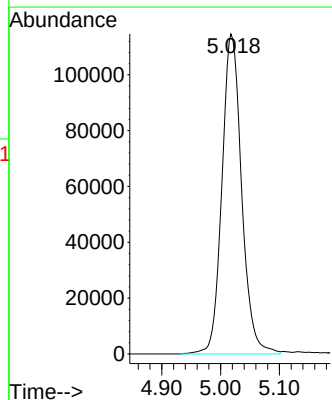
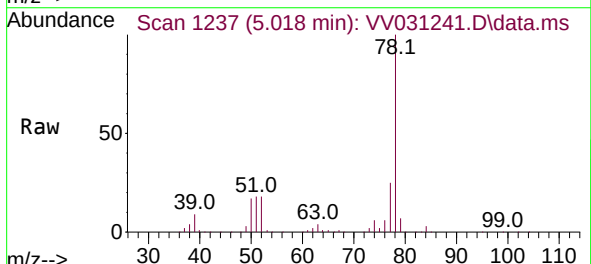
Instrument :
MSVOA_V
ClientSampleId :

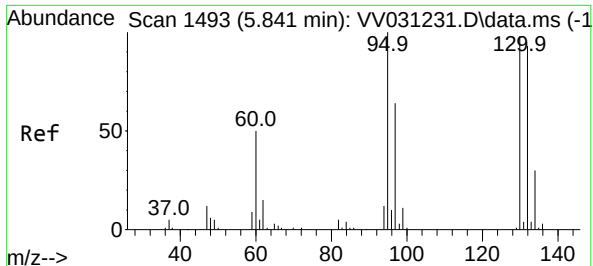
Tgt Ion:117 Resp: 112191
Ion Ratio Lower Upper
117 100
119 97.3 77.5 116.3



#33
Benzene
Concen: 4.973 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

Tgt Ion: 78 Resp: 266989





#34

Trichloroethene

Concen: 4.890 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.000 min

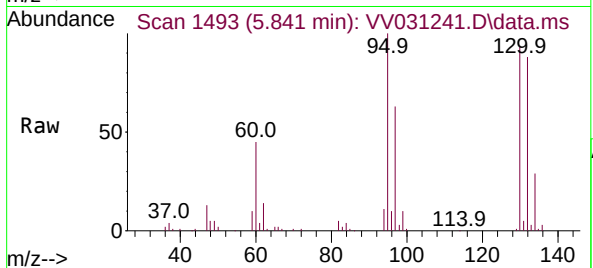
Lab File: VV031241.D

Acq: 25 May 2023 18:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 70533

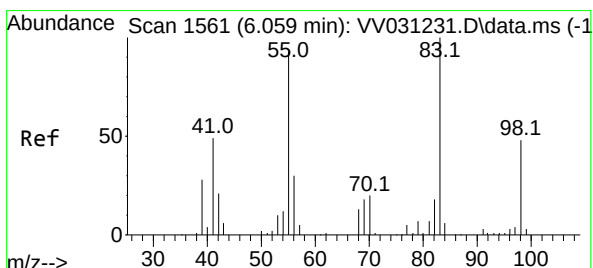
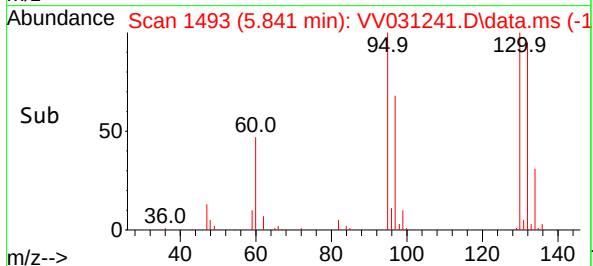
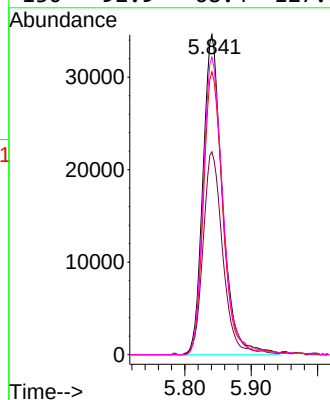
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

95	100		
----	-----	--	--

97	63.4	44.8	83.2
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132	88.4	64.8	120.4
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130	92.9	68.4	127.0
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#35

Methylcyclohexane

Concen: 4.592 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. 0.000 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

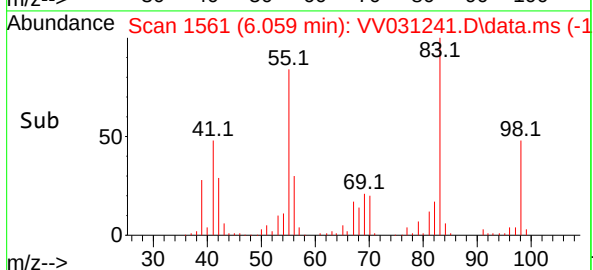
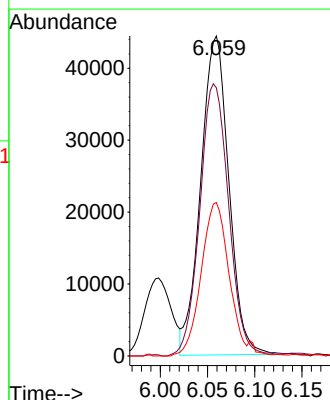
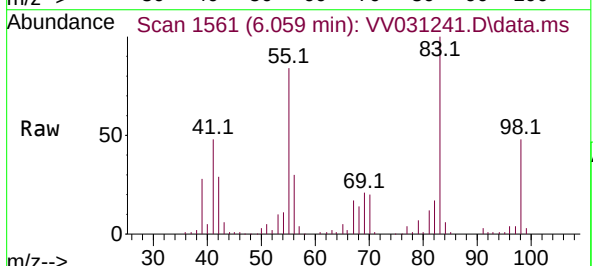
Tgt Ion: 83 Resp: 91564

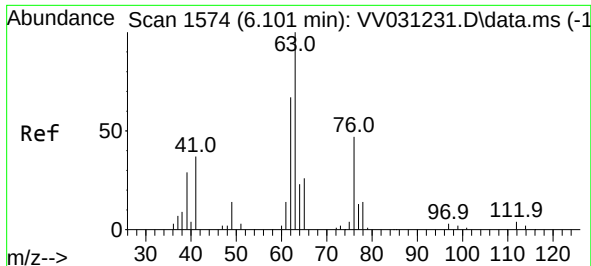
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

83	100		
----	-----	--	--

55	87.9	74.4	111.6
----	------	------	-------

98	48.4	38.2	57.2
----	------	------	------





#37

1,2-Dichloropropane

Concen: 4.933 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

Instrument :

MSVOA_V

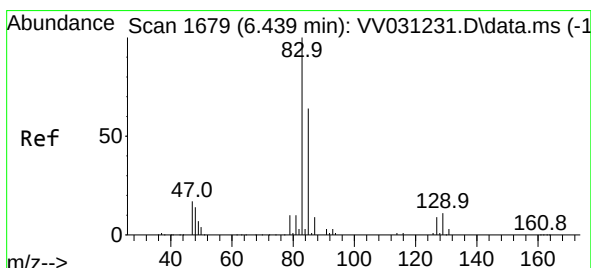
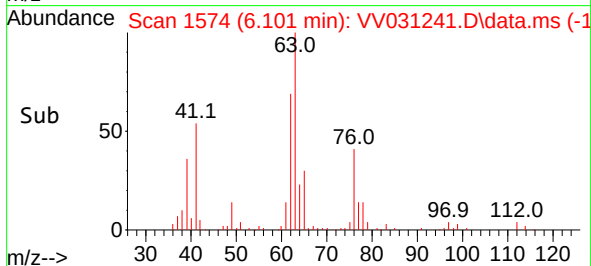
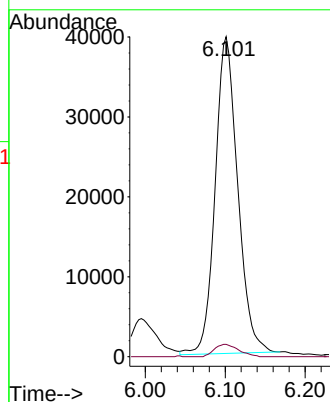
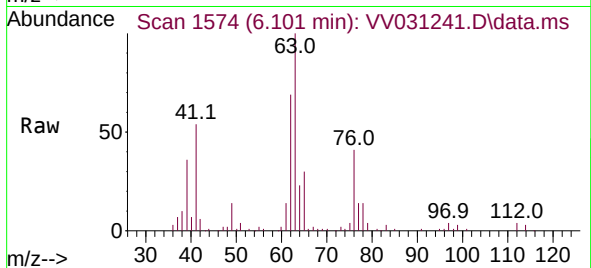
ClientSampleId :

Tgt Ion: 63 Resp: 77589

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 4.994 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

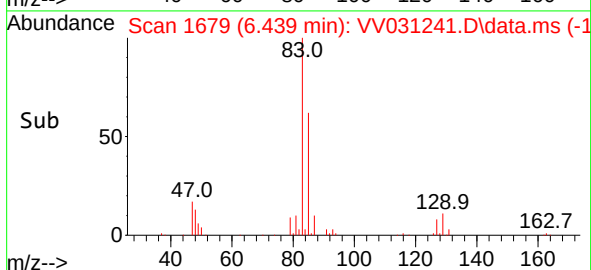
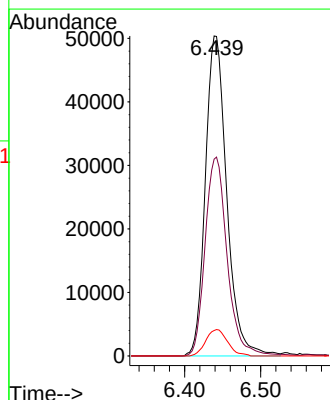
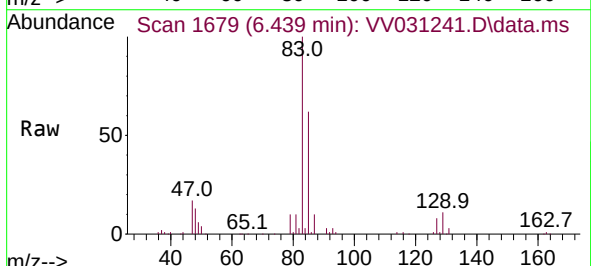
Tgt Ion: 83 Resp: 98452

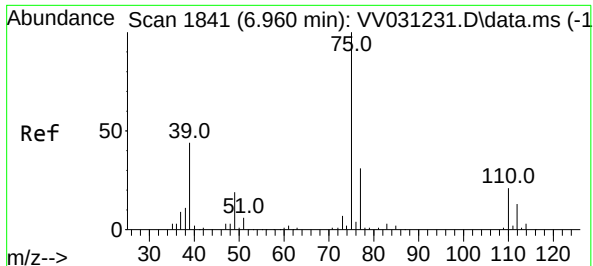
Ion Ratio Lower Upper

83 100

85 61.5 44.7 82.9

127 7.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.425 ug/L

RT: 6.963 min Scan# 1842

Delta R.T. 0.003 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

Instrument :

MSVOA_V

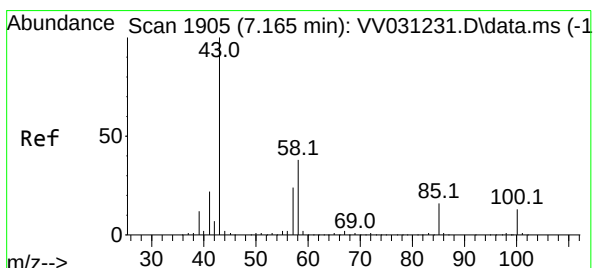
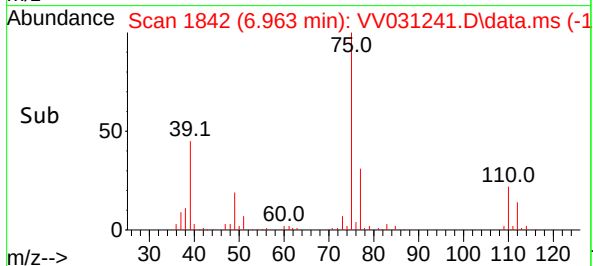
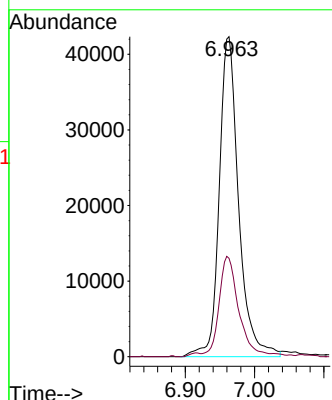
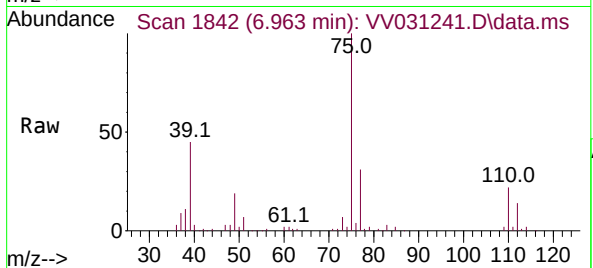
ClientSampleId :

Tgt Ion: 75 Resp: 82488

Ion Ratio Lower Upper

75 100

77 30.7 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 46.040 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

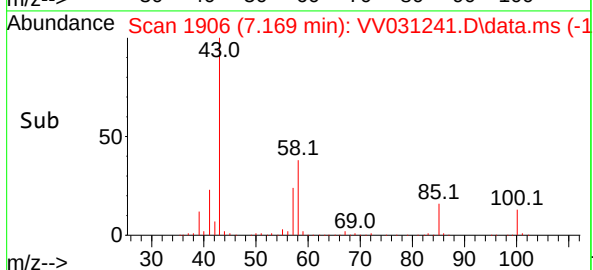
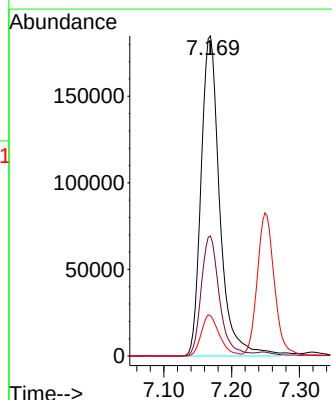
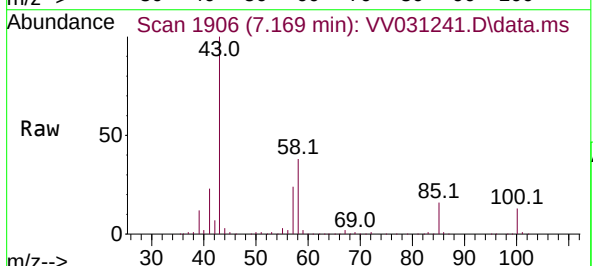
Tgt Ion: 43 Resp: 354700

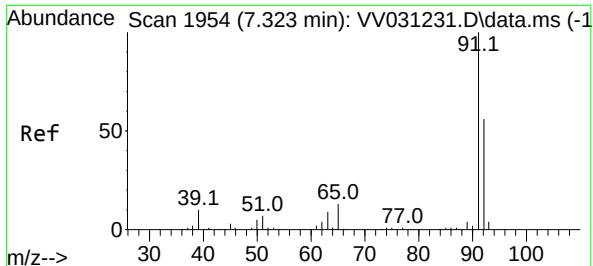
Ion Ratio Lower Upper

43 100

58 36.7 29.1 43.7

100 12.5 9.9 14.9





#42

Toluene

Concen: 4.678 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

Instrument :

MSVOA_V

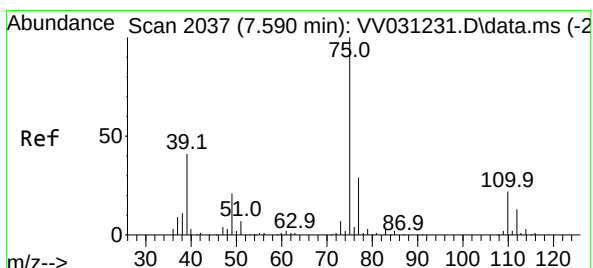
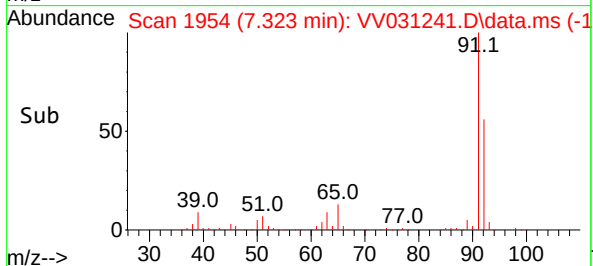
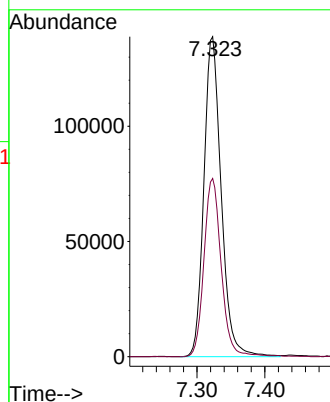
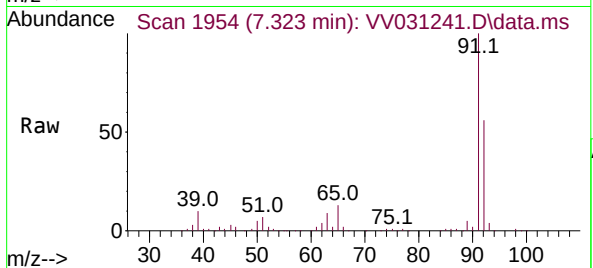
ClientSampleId :

Tgt Ion: 91 Resp: 246765

Ion Ratio Lower Upper

91 100

92 55.7 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 4.587 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.000 min

Lab File: VV031241.D

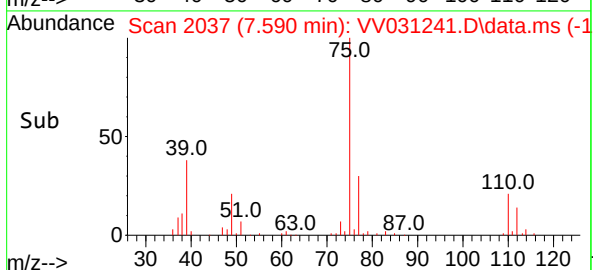
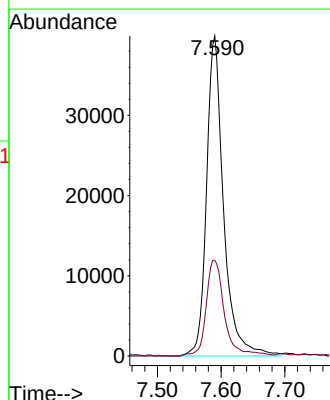
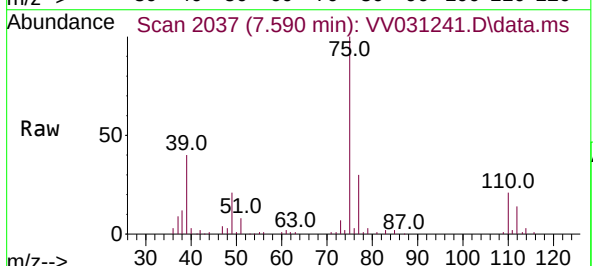
Acq: 25 May 2023 18:48

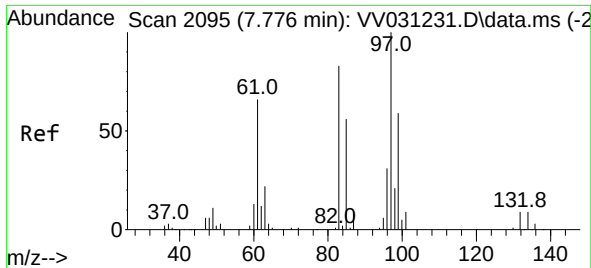
Tgt Ion: 75 Resp: 74166

Ion Ratio Lower Upper

75 100

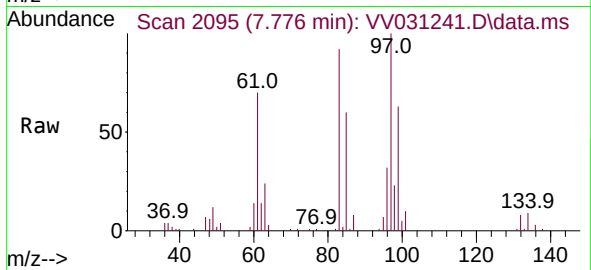
77 29.9 20.4 38.0



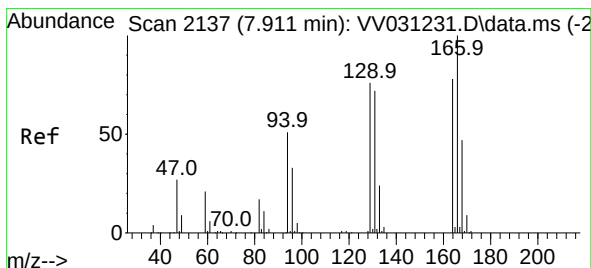
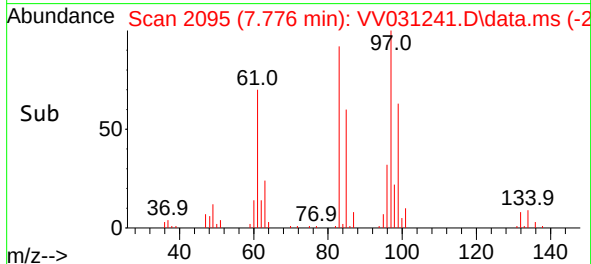
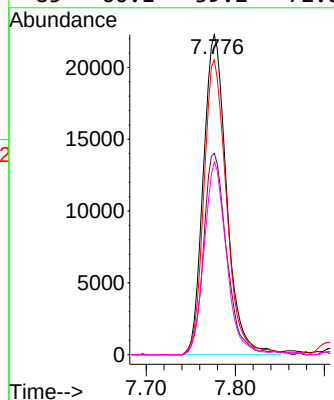


#45
1,1,2-Trichloroethane
Concen: 4.253 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

Instrument :
MSVOA_V
ClientSampleId :

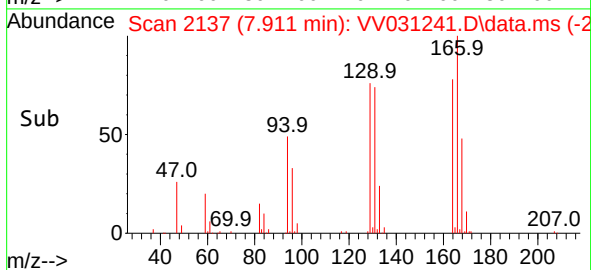
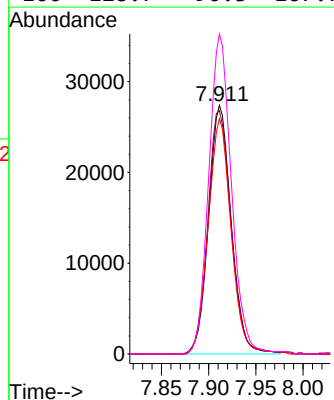
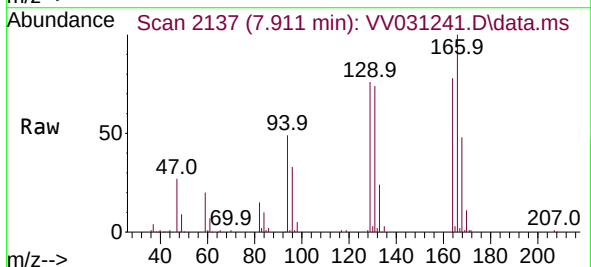


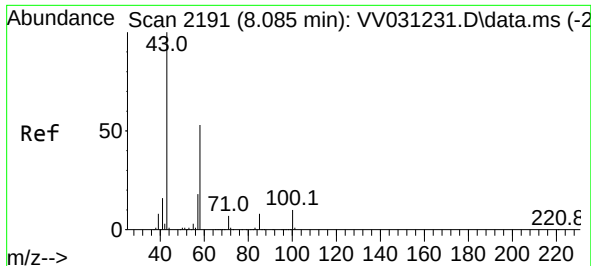
Tgt Ion:	97	Resp:	40457
Ion Ratio	100	Lower	Upper
97	100		
99	62.9	41.2	76.4
83	92.1	58.2	108.0
85	60.1	39.2	72.8



#47
Tetrachloroethene
Concen: 4.366 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

Tgt Ion:	164	Resp:	45645
Ion Ratio	100	Lower	Upper
164	100		
129	97.9	68.7	127.5
131	94.6	64.7	120.1
166	128.7	90.3	167.7

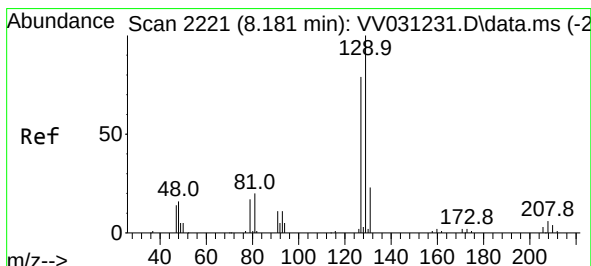
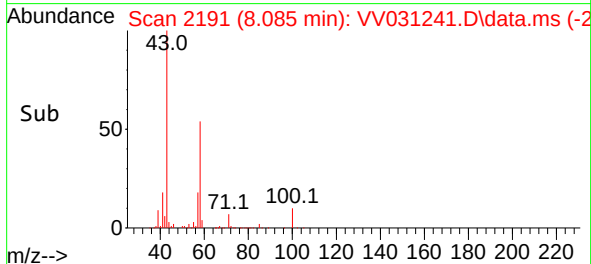
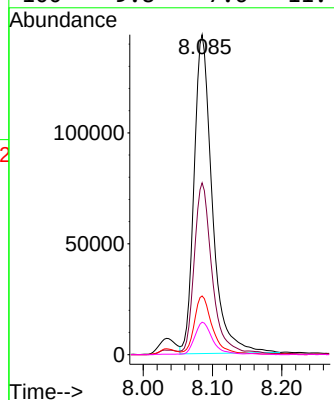
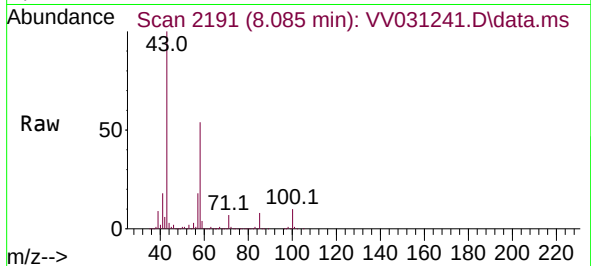




#48
2-Hexanone
Concen: 43.975 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

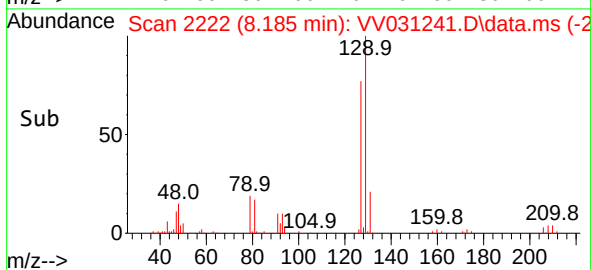
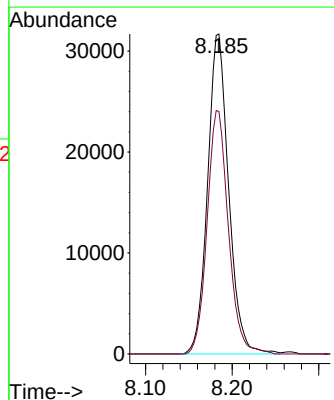
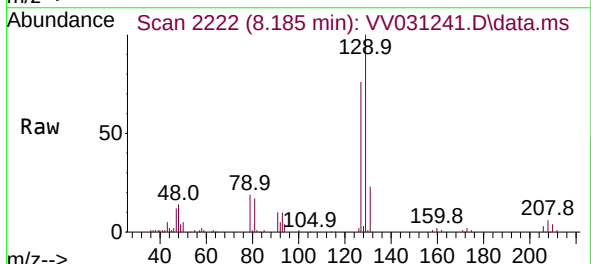
Instrument :
MSVOA_V
ClientSampleId :

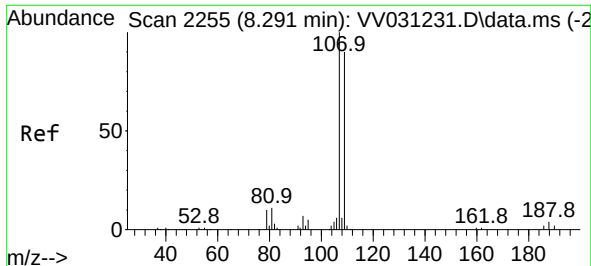
Tgt Ion: 43 Resp: 263065
Ion Ratio Lower Upper
43 100
58 53.1 41.4 62.0
57 18.3 14.1 21.1
100 9.8 7.6 11.4



#49
Dibromochloromethane
Concen: 4.688 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.003 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

Tgt Ion: 129 Resp: 53573
Ion Ratio Lower Upper
129 100
127 75.8 55.0 102.2





#50

1,2-Dibromoethane

Concen: 4.591 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

Instrument :

MSVOA_V

ClientSampleId :

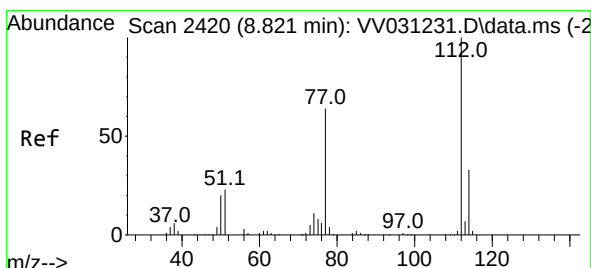
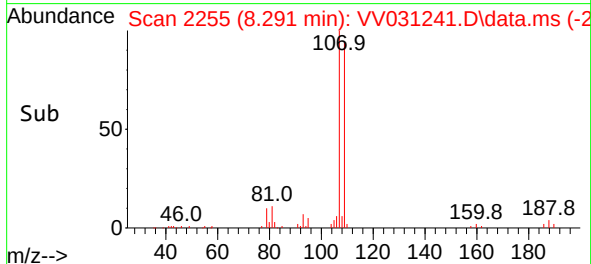
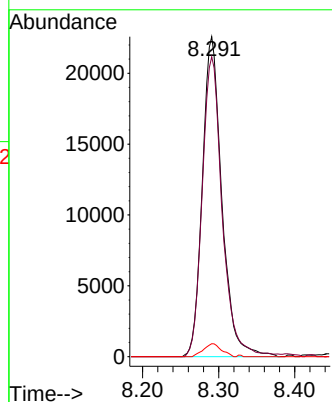
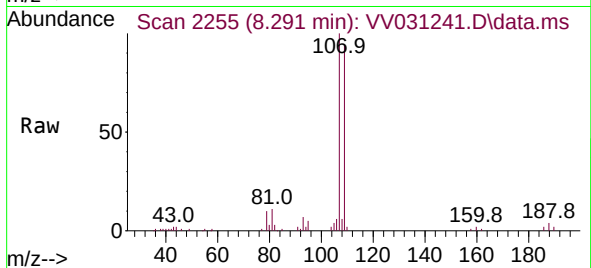
Tgt Ion:107 Resp: 40321

Ion Ratio Lower Upper

107 100

109 93.7 62.8 116.6

188 4.0 3.2 4.8



#51

Chlorobenzene

Concen: 4.903 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.000 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

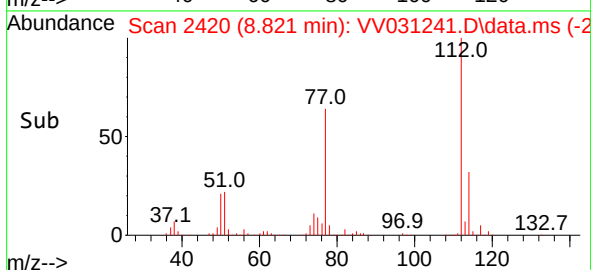
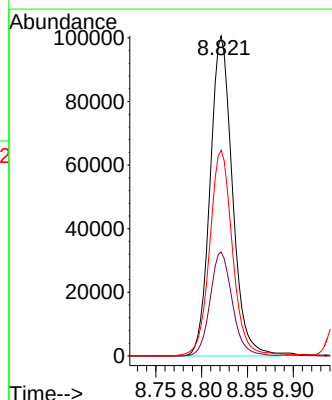
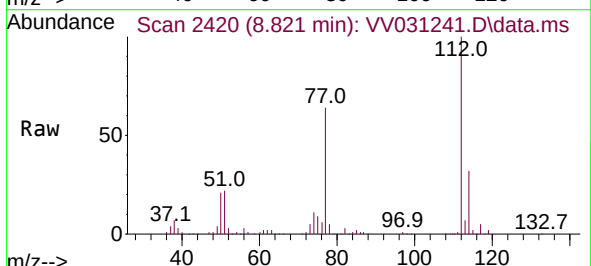
Tgt Ion:112 Resp: 170127

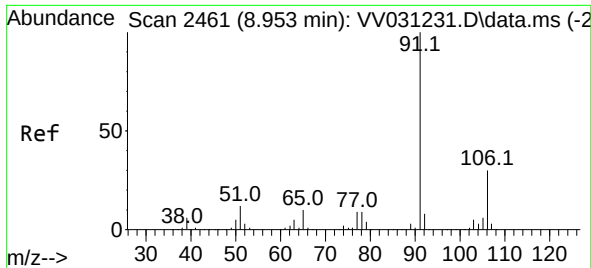
Ion Ratio Lower Upper

112 100

114 32.5 22.8 42.4

77 64.3 51.7 77.5

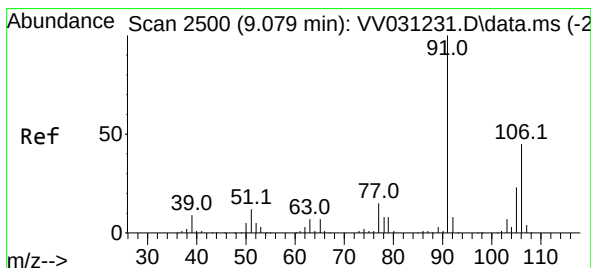
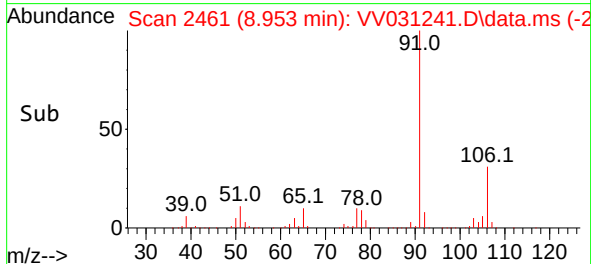
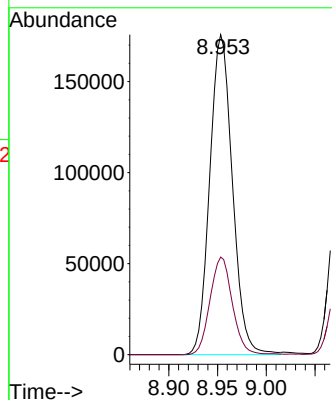
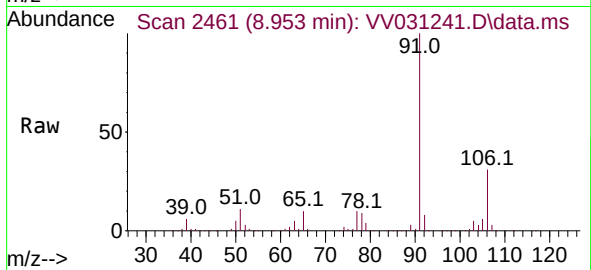




#52
Ethylbenzene
Concen: 4.893 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

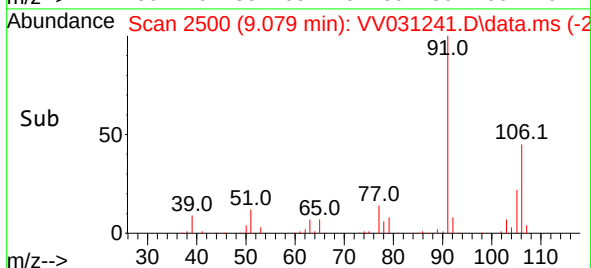
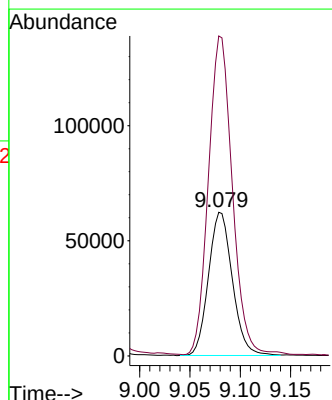
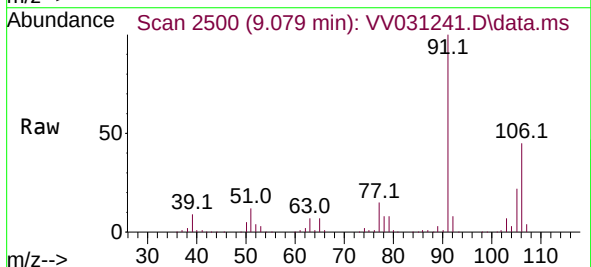
Instrument :
MSVOA_V
ClientSampleId :

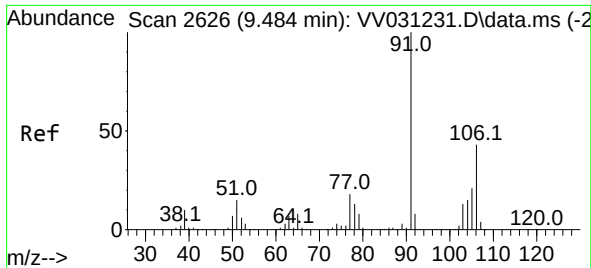
Tgt Ion: 91 Resp: 284562
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.1



#53
m,p-Xylene
Concen: 4.783 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

Tgt Ion:106 Resp: 102797
Ion Ratio Lower Upper
106 100
91 222.7 154.7 287.3

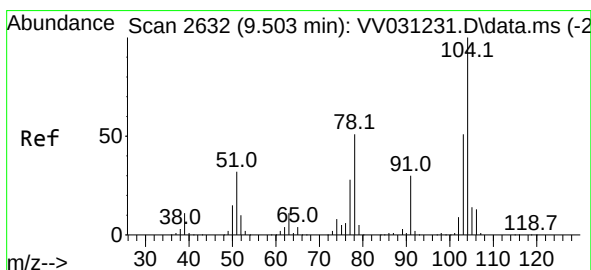
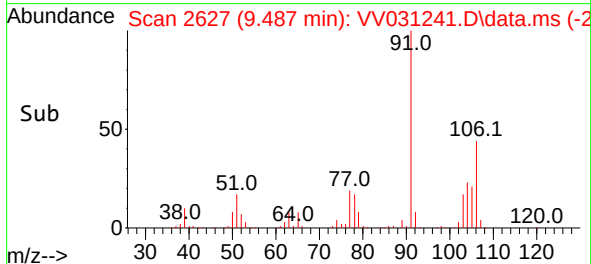
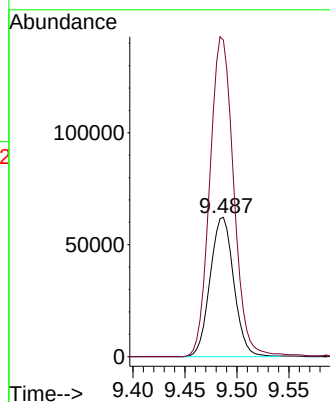
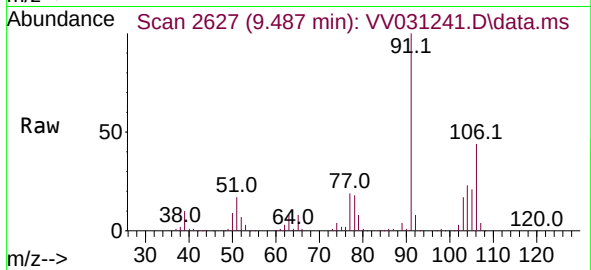




#54
o-Xylene
Concen: 4.832 ug/L
RT: 9.487 min Scan# 2626
Delta R.T. 0.003 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

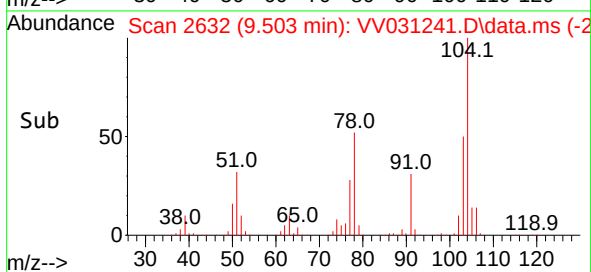
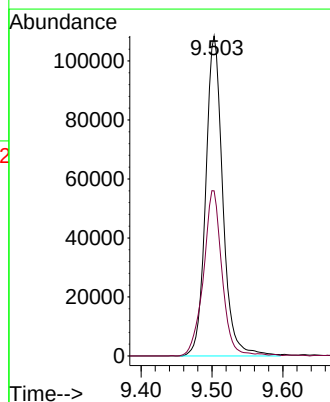
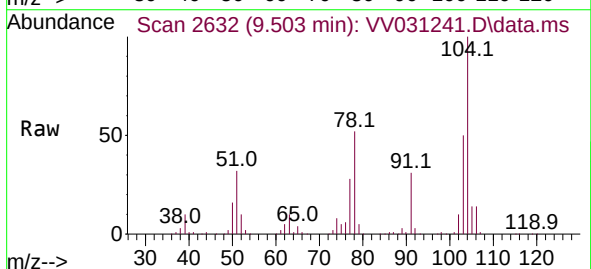
Instrument :
MSVOA_V
ClientSampleId :

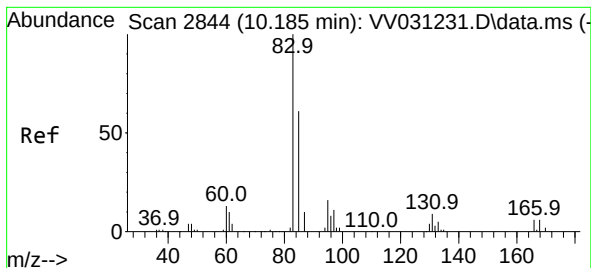
Tgt Ion:106 Resp: 98876
Ion Ratio Lower Upper
106 100
91 227.3 161.3 299.7



#55
Styrene
Concen: 5.033 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

Tgt Ion:104 Resp: 181591
Ion Ratio Lower Upper
104 100
78 51.6 35.6 66.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.000 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

Instrument :

MSVOA_V

ClientSampleId :

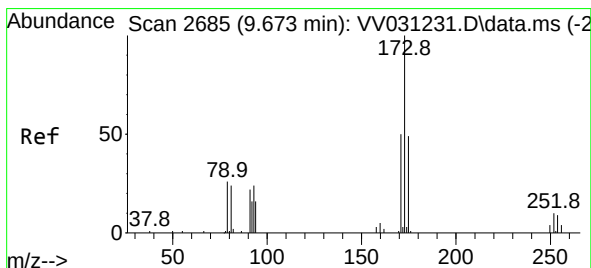
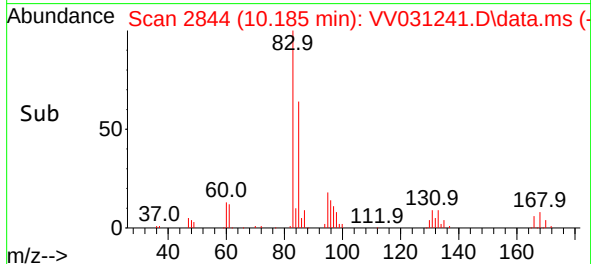
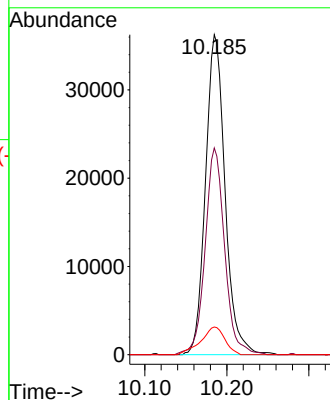
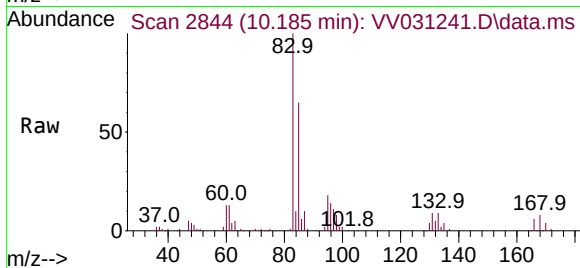
Tgt Ion: 83 Resp: 60039

Ion Ratio Lower Upper

83 100

85 64.6 43.0 80.0

131 8.7 7.6 11.4



#59

Bromoform

Concen: 4.646 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. 0.000 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

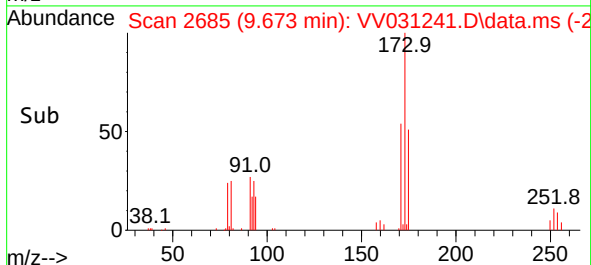
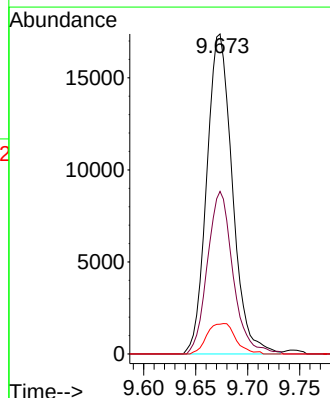
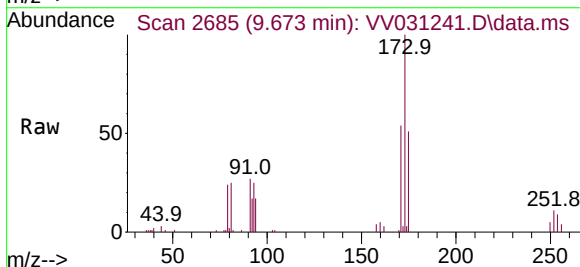
Tgt Ion: 173 Resp: 29810

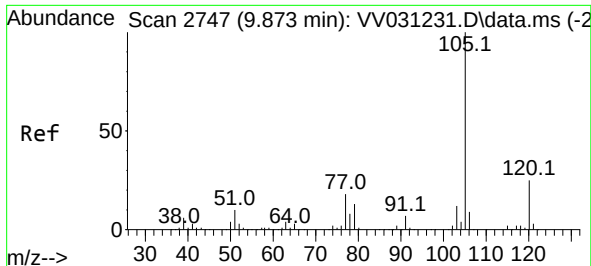
Ion Ratio Lower Upper

173 100

175 50.6 39.0 58.4

254 10.7 7.9 11.9

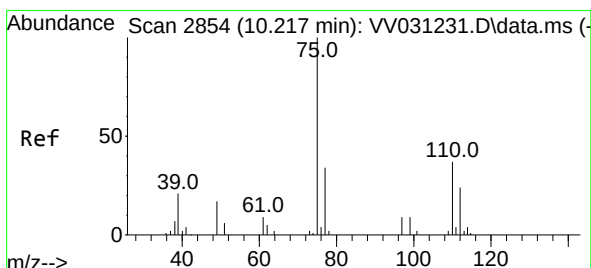
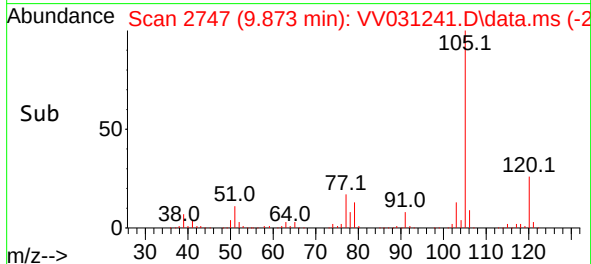
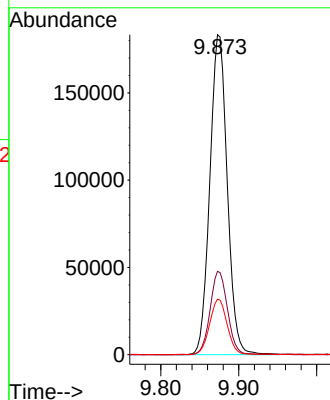
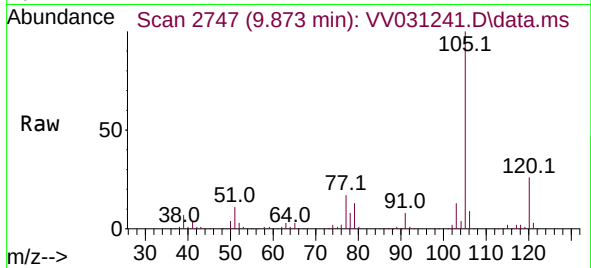




#60
Isopropylbenzene
Concen: 4.924 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

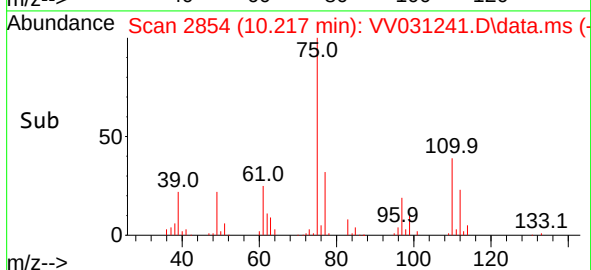
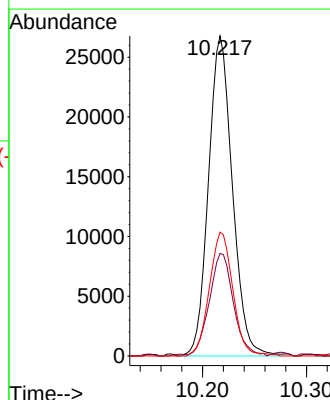
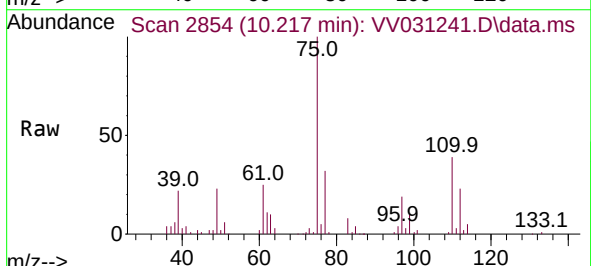
Instrument :
MSVOA_V
ClientSampleId :

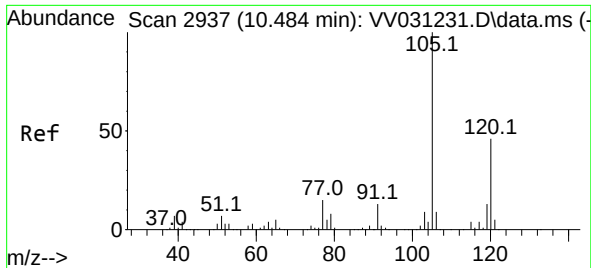
Tgt Ion:105 Resp: 284503
Ion Ratio Lower Upper
105 100
120 26.0 19.9 29.9
77 17.3 13.9 20.9



#61
1,2,3-Trichloropropane
Concen: 4.939 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

Tgt Ion: 75 Resp: 42779
Ion Ratio Lower Upper
75 100
77 32.3 26.6 40.0
110 38.1 29.8 44.8

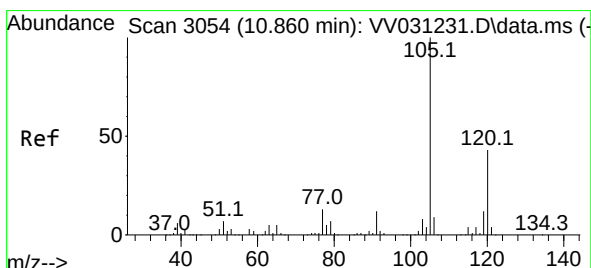
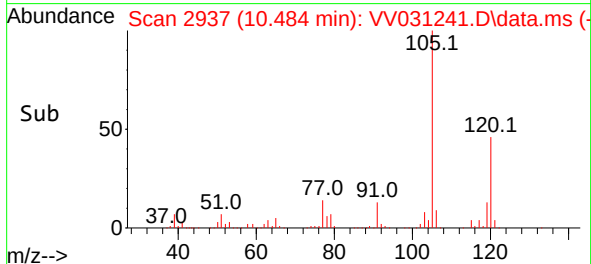
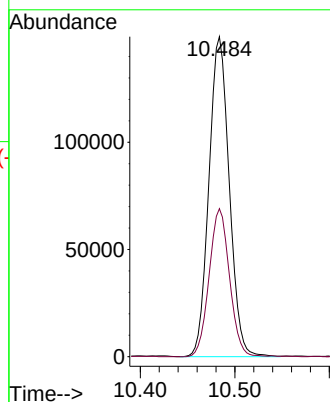
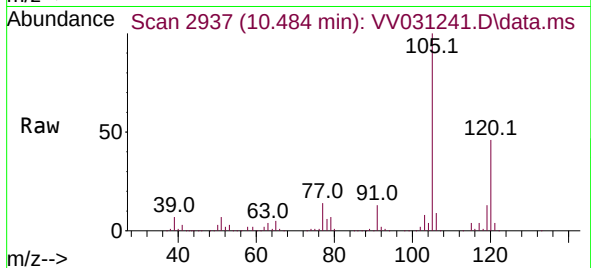




#62
1,3,5-Trimethylbenzene
Concen: 4.760 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

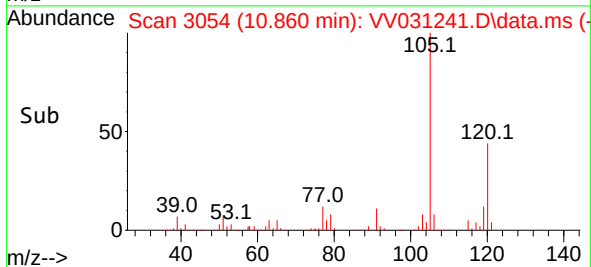
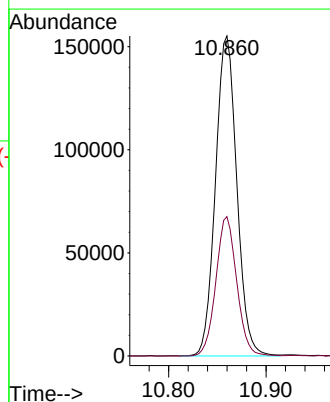
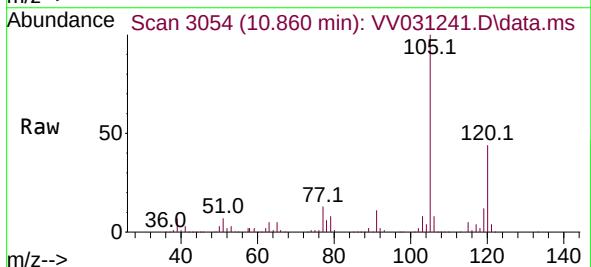
Instrument :
MSVOA_V
ClientSampleId :

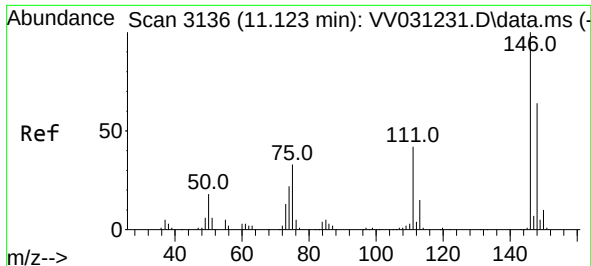
Tgt Ion:105 Resp: 222982
Ion Ratio Lower Upper
105 100
120 46.3 36.6 55.0



#63
1,2,4-Trimethylbenzene
Concen: 4.925 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

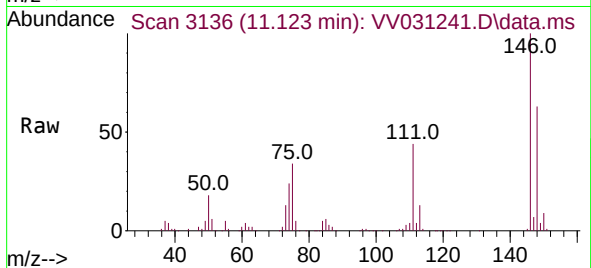
Tgt Ion:105 Resp: 236242
Ion Ratio Lower Upper
105 100
120 42.5 34.4 51.6



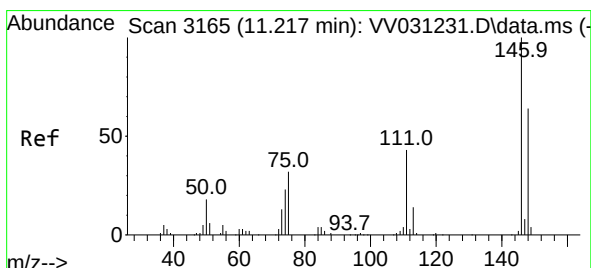
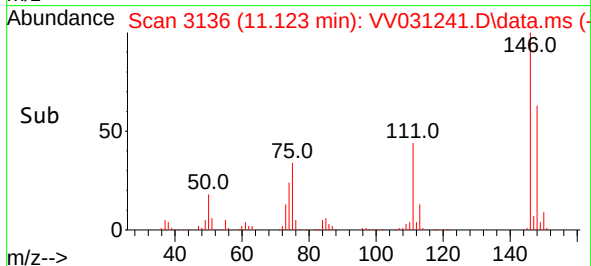
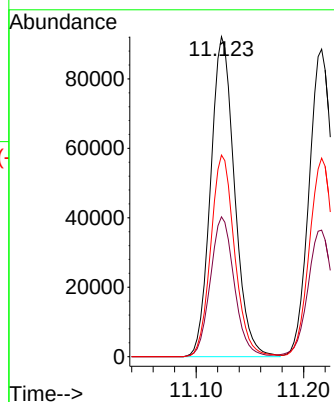


#64
1,3-Dichlorobenzene
Concen: 5.220 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

Instrument :
MSVOA_V
ClientSampleId :

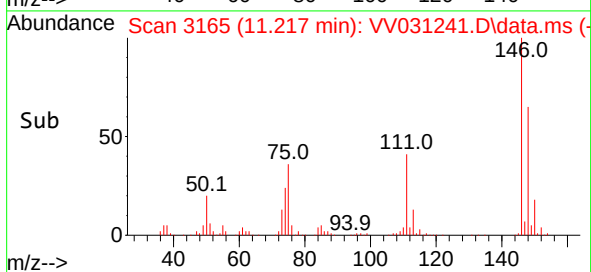
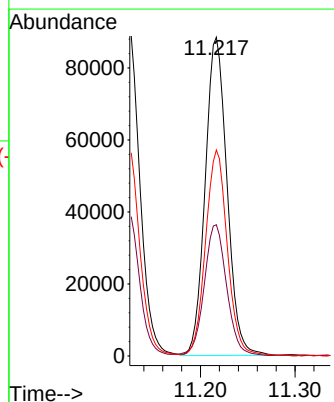
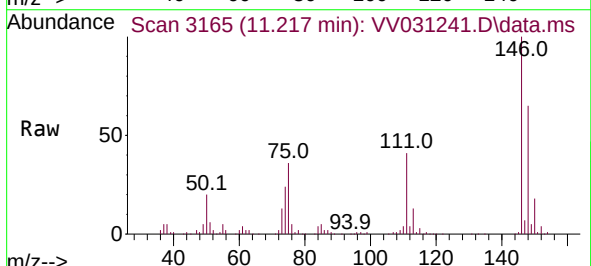


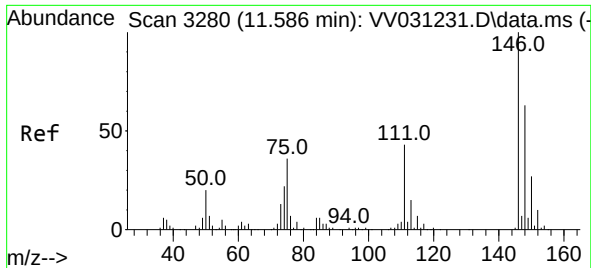
Tgt Ion:146 Resp: 142808
Ion Ratio Lower Upper
146 100
111 43.7 29.5 54.9
148 63.0 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.057 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

Tgt Ion:146 Resp: 141561
Ion Ratio Lower Upper
146 100
111 41.2 30.4 56.5
148 64.6 44.9 83.3

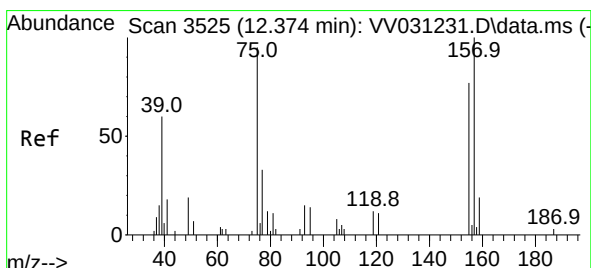
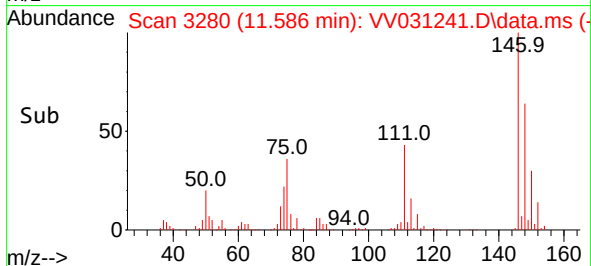
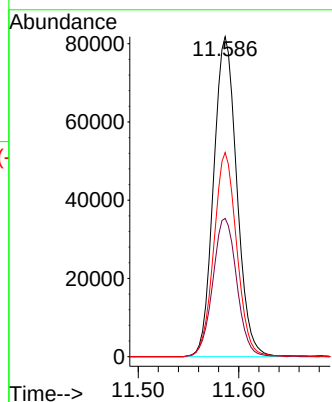
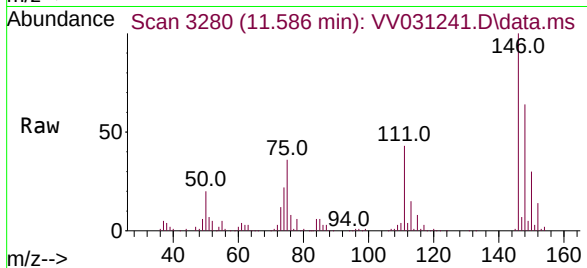




#67
1,2-Dichlorobenzene
Concen: 4.997 ug/L
RT: 11.586 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

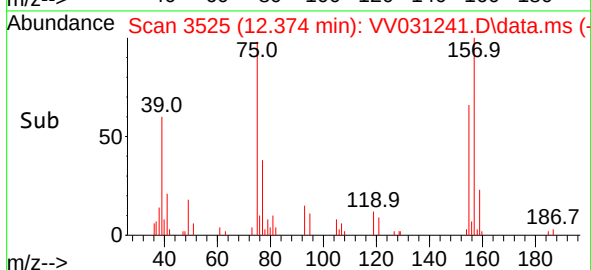
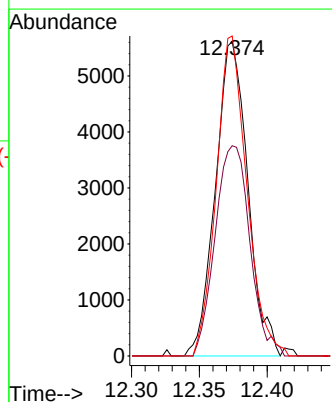
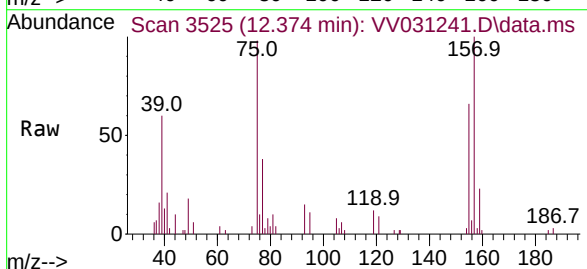
Instrument :
MSVOA_V
ClientSampleId :

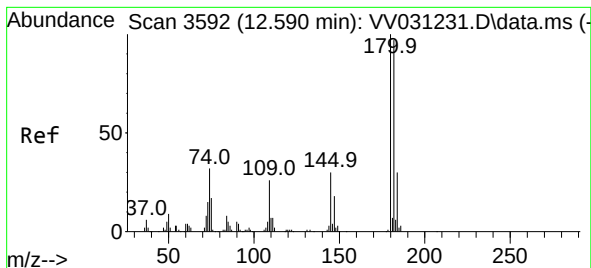
Tgt Ion:146 Resp: 131016
Ion Ratio Lower Upper
146 100
111 43.2 34.3 51.5
148 63.8 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.109 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.000 min
Lab File: VV031241.D
Acq: 25 May 2023 18:48

Tgt Ion: 75 Resp: 9325
Ion Ratio Lower Upper
75 100
155 66.9 64.6 96.8
157 101.8 84.1 126.1





#69

1,3,5-Trichlorobenzene

Concen: 4.719 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. 0.000 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 104831

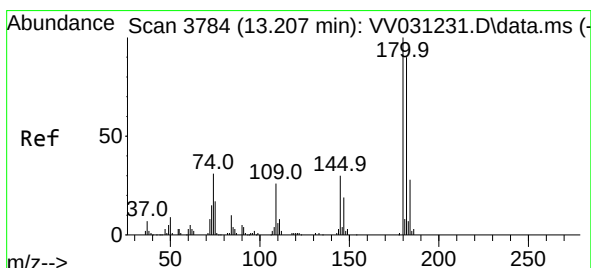
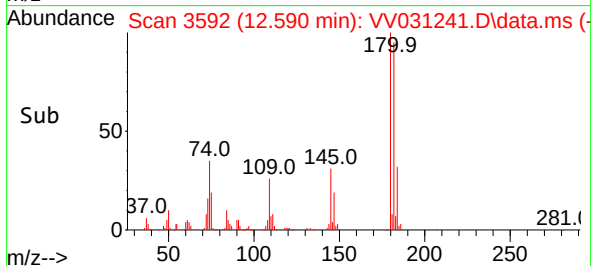
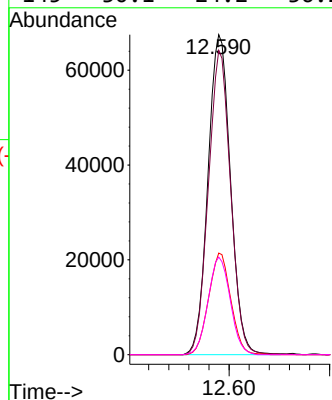
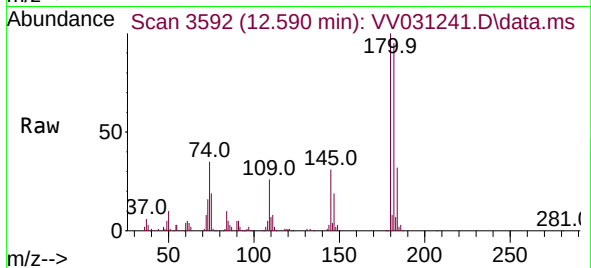
Ion Ratio Lower Upper

180 100

182 93.9 76.6 114.8

184 31.3 24.9 37.3

145 30.1 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 4.234 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.000 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

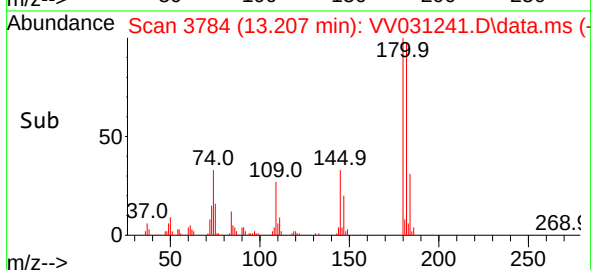
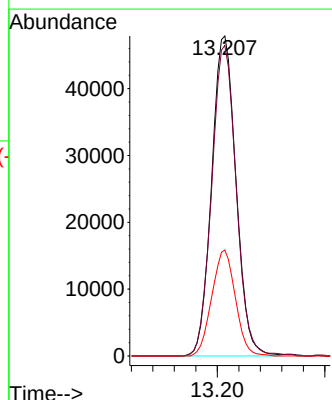
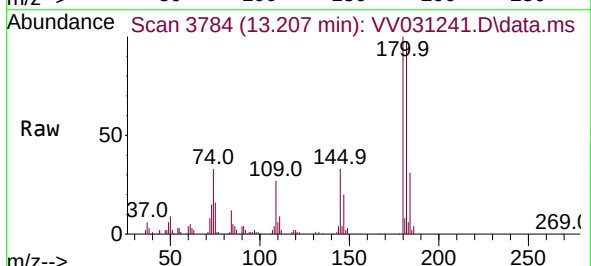
Tgt Ion:180 Resp: 75193

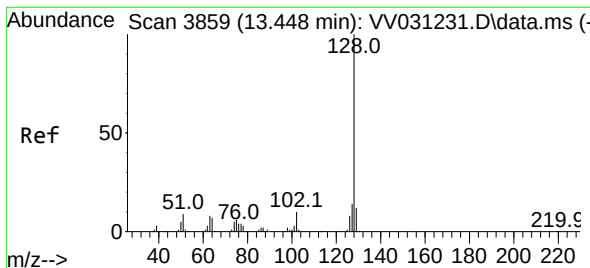
Ion Ratio Lower Upper

180 100

182 97.8 74.8 112.2

145 32.1 24.1 36.1





#71

Naphthalene

Concen: 3.451 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.000 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

Instrument :

MSVOA_V

ClientSampleId :

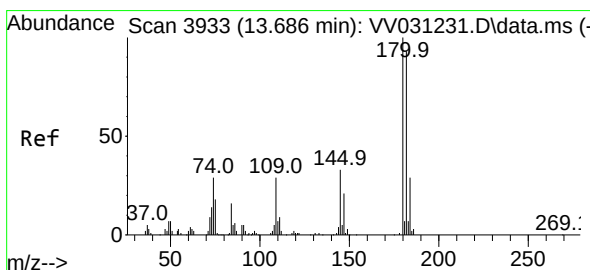
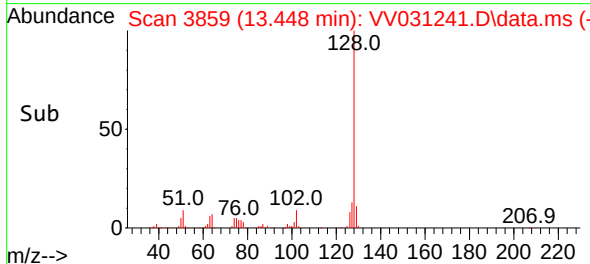
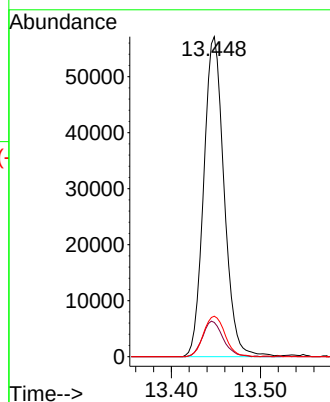
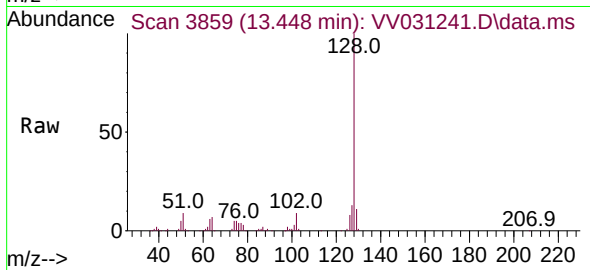
Tgt Ion:128 Resp: 90695

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.4 11.5 17.3



#72

1,2,3-Trichlorobenzene

Concen: 4.245 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.003 min

Lab File: VV031241.D

Acq: 25 May 2023 18:48

Tgt Ion:180 Resp: 64828

Ion Ratio Lower Upper

180 100

182 100.4 77.6 116.4

145 33.8 26.9 40.3

