

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021924\
 Data File : VW034255.D
 Acq On : 19 Feb 2024 19:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 20 03:32:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 20 01:47:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	70530	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	64698	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	34285	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21363	3.911	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.532	69	19795	4.137	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.060	65	11087	4.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	3.818	46	44424	48.424	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.840%
24) Chloroform-d	4.253	84	45881	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.944	65	22900	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	4.963	84	83488	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	5.989	67	22457	4.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.243	98	77412	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.558	79	9104	4.444	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.027	63	35992	49.210	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.420%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15189	4.617	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	28643	4.594	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	25272	3.910	ug/L	96
3) Chloromethane	1.217	50	30232	4.288	ug/L	96
5) Vinyl chloride	1.285	62	29236	4.340	ug/L	96
6) Bromomethane	1.491	94	13860	3.907	ug/L	99
8) Chloroethane	1.552	64	19927	4.336	ug/L	95
9) Trichlorofluoromethane	1.712	101	53019	5.461	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	26712	5.264	ug/L	99
12) 1,1-Dichloroethene	2.069	96	25916	5.260	ug/L	96
13) Acetone	2.137	43	38103	54.747	ug/L #	38
14) Carbon disulfide	2.240	76	75413	4.730	ug/L	99
15) Methyl Acetate	2.388	43	8096	4.915	ug/L	97
16) Methylene chloride	2.449	84	39795	8.418	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	55457	5.478	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	25016	4.985	ug/L	95
19) 1,1-Dichloroethane	3.111	63	45090	4.890	ug/L	94
21) 2-Butanone	3.892	43	44064	47.910	ug/L #	52
22) cis-1,2-Dichloroethene	3.818	96	25830	4.537	ug/L	96
23) Bromochloromethane	4.153	128	10521	5.315	ug/L	85
25) Chloroform	4.278	83	47509	5.097	ug/L	98

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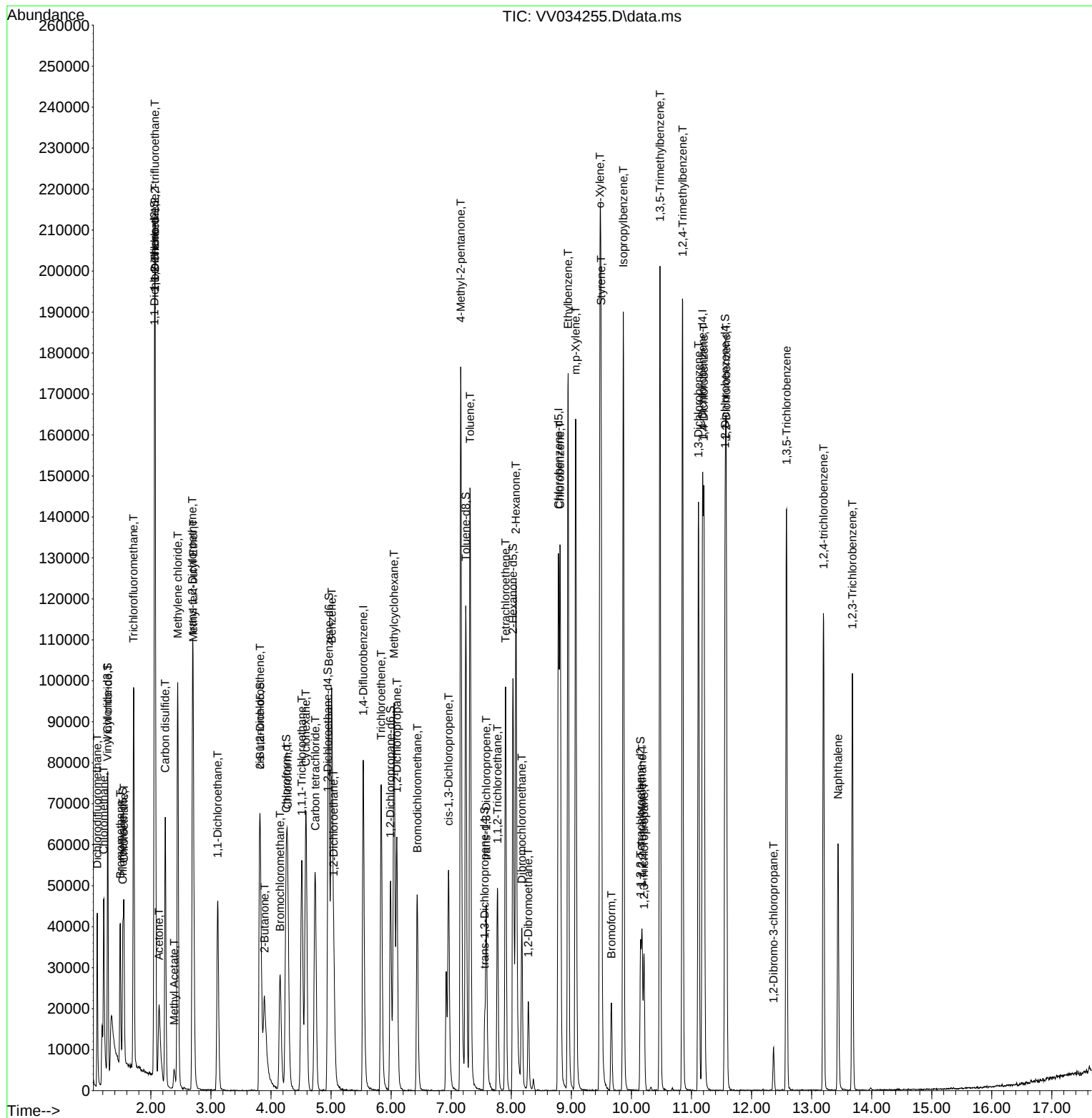
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	30259	5.669	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	46914	5.401	ug/L	100
30) Cyclohexane	4.580	56	37541	4.444	ug/L	96
31) Carbon tetrachloride	4.738	117	41061	5.403	ug/L	99
33) Benzene	5.011	78	97088	5.003	ug/L	100
34) Trichloroethene	5.834	95	26395	4.700	ug/L	97
35) Methylcyclohexane	6.050	83	39403	4.470	ug/L	98
37) 1,2-Dichloropropane	6.095	63	22493	4.785	ug/L	100
38) Bromodichloromethane	6.436	83	32130	5.207	ug/L	96
39) cis-1,3-Dichloropropene	6.957	75	30701	4.293	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	117421	52.166	ug/L	98
42) Toluene	7.314	91	106925	5.156	ug/L	93
44) trans-1,3-Dichloropropene	7.584	75	26946	4.907	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	14848	5.116	ug/L	96
47) Tetrachloroethene	7.905	164	21330	4.674	ug/L	98
48) 2-Hexanone	8.079	43	83314	52.510	ug/L	97
49) Dibromochloromethane	8.175	129	19102	5.538	ug/L	98
50) 1,2-Dibromoethane	8.285	107	13925	5.345	ug/L #	100
51) Chlorobenzene	8.815	112	66201	5.049	ug/L	97
52) Ethylbenzene	8.947	91	121114	5.073	ug/L	99
53) m,p-Xylene	9.072	106	45757	5.072	ug/L	98
54) o-Xylene	9.477	106	45328	5.211	ug/L	98
55) Styrene	9.497	104	70909	5.091	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	16330	5.331	ug/L	96
59) Bromoform	9.667	173	9232	4.888	ug/L	98
60) Isopropylbenzene	9.866	105	117208	4.620	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	12211	5.181	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	102775	4.792	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	103665	4.975	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	56069	5.069	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	53679	4.901	ug/L	96
67) 1,2-Dichlorobenzene	11.580	146	49516	5.212	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	2748	5.563	ug/L	86
69) 1,3,5-Trichlorobenzene	12.583	180	41585	4.858	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	34897	5.222	ug/L	97
71) Naphthalene	13.442	128	48833	5.577	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	29057	5.427	ug/L	98

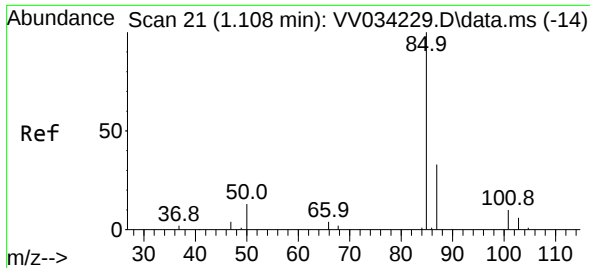
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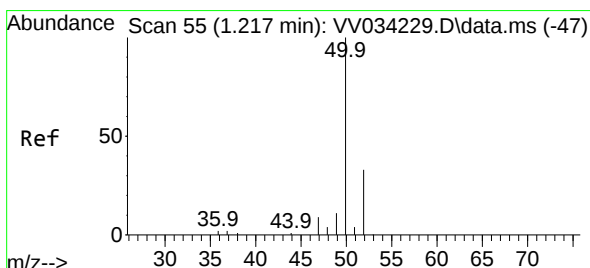
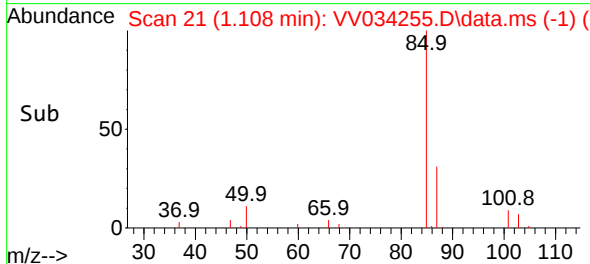
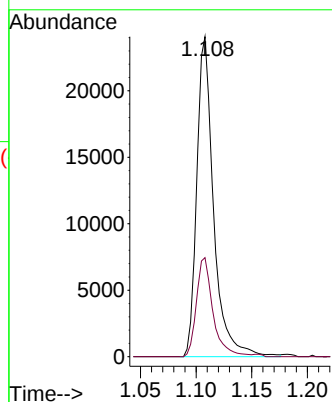
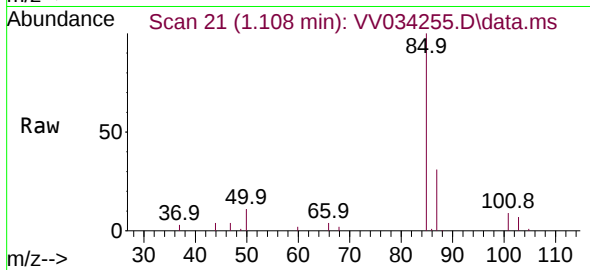




#2
 Dichlorodifluoromethane
 Concen: 3.910 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034255.D
 Acq: 19 Feb 2024 19:59

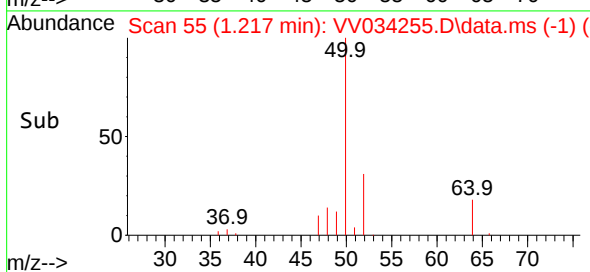
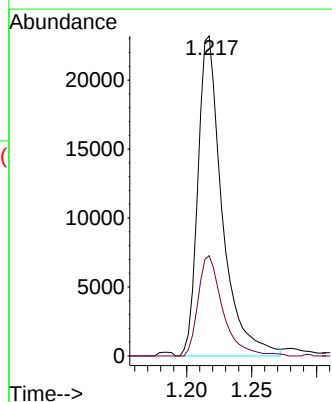
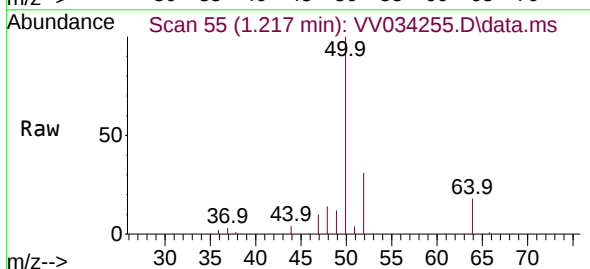
Instrument :
 MSVOA_V
 ClientSampleId :

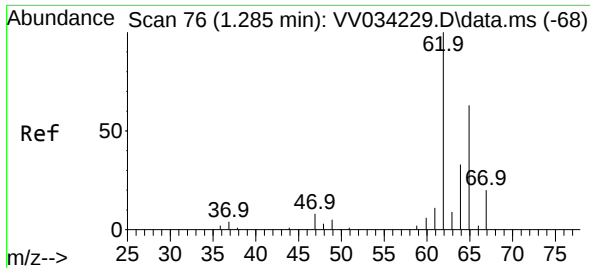
Tgt Ion: 85 Resp: 25272
 Ion Ratio Lower Upper
 85 100
 87 30.5 26.2 39.4



#3
 Chloromethane
 Concen: 4.288 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV034255.D
 Acq: 19 Feb 2024 19:59

Tgt Ion: 50 Resp: 30232
 Ion Ratio Lower Upper
 50 100
 52 31.3 23.4 43.4



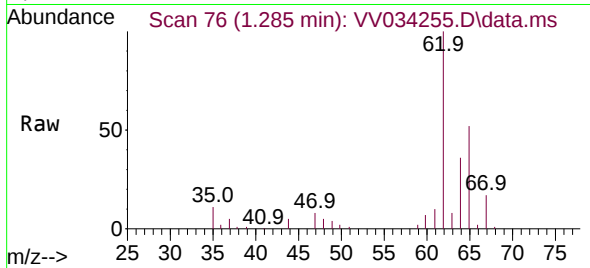


#5
 Vinyl chloride
 Concen: 4.340 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV034255.D
 Acq: 19 Feb 2024 19:59

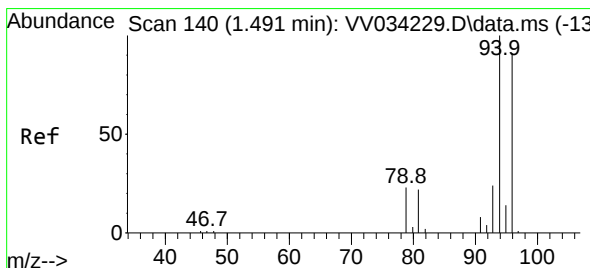
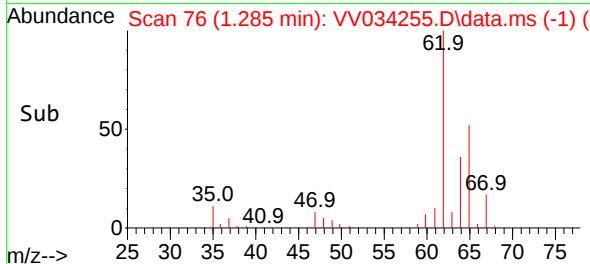
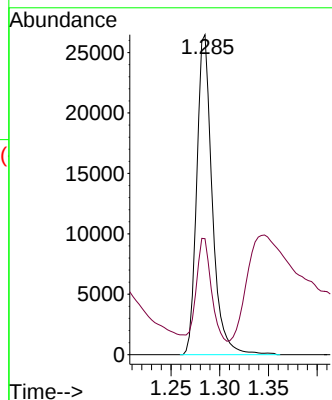
Instrument :

MSVOA_V

ClientSampleId :

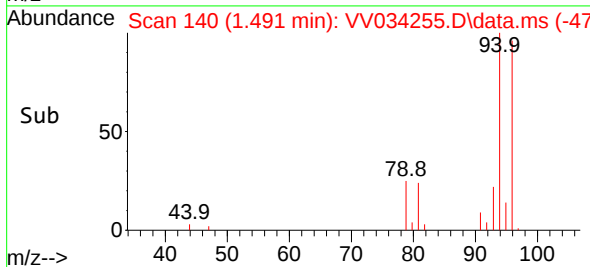
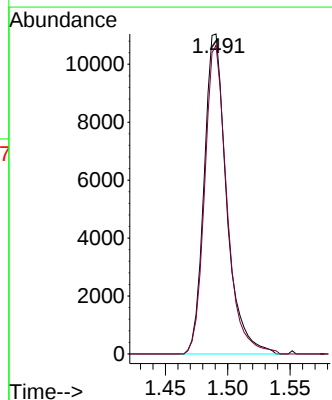
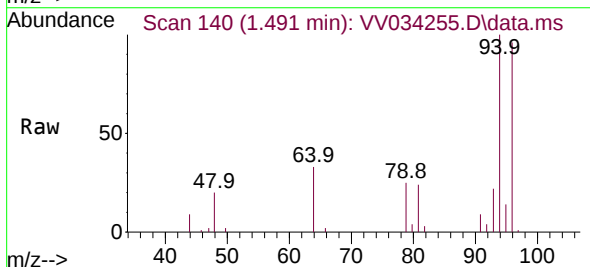


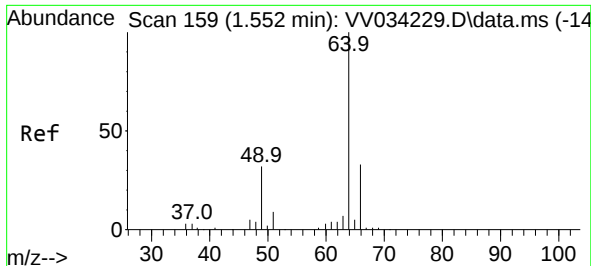
Tgt Ion: 62 Resp: 29236
 Ion Ratio Lower Upper
 62 100
 64 36.3 27.2 50.4



#6
 Bromomethane
 Concen: 3.907 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV034255.D
 Acq: 19 Feb 2024 19:59

Tgt Ion: 94 Resp: 13860
 Ion Ratio Lower Upper
 94 100
 96 96.5 66.6 123.8

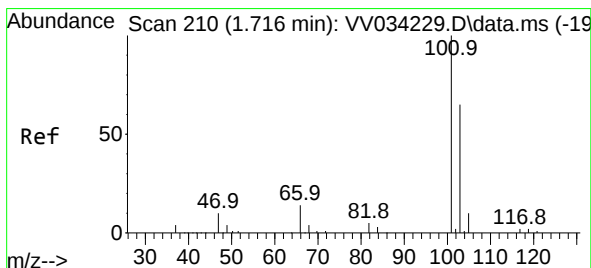
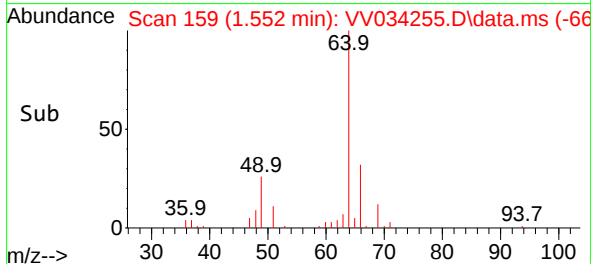
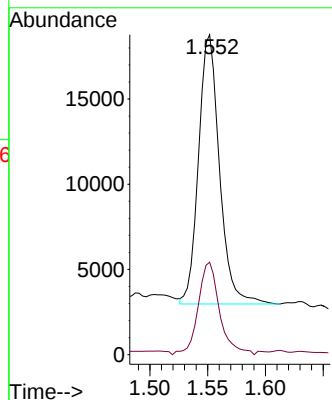
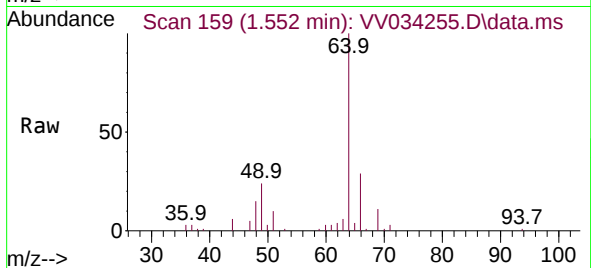




#8
Chloroethane
Concen: 4.336 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

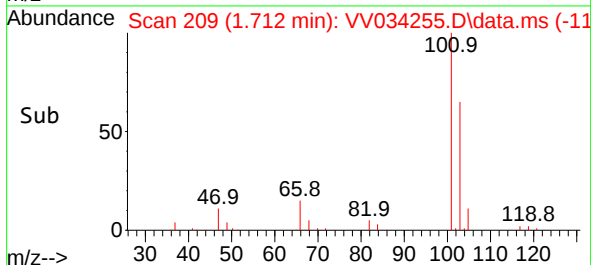
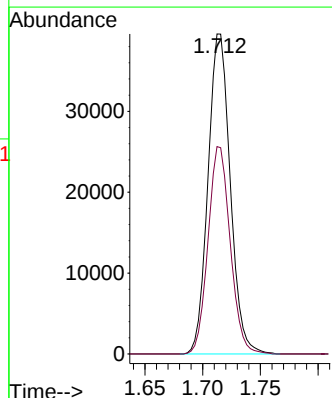
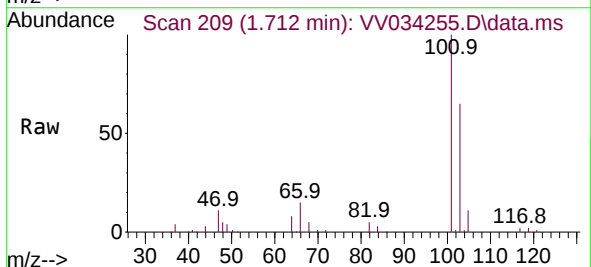
Instrument :
MSVOA_V
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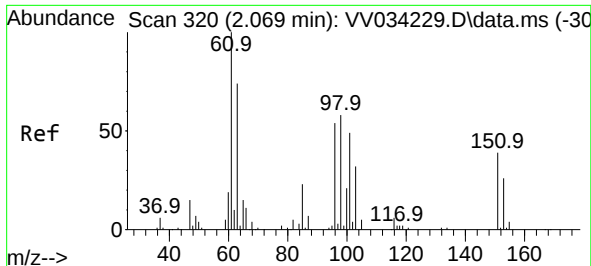
Tgt Ion: 64 Resp: 19927
Ion Ratio Lower Upper
64 100
66 28.9 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.461 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

Tgt Ion:101 Resp: 53019
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.4

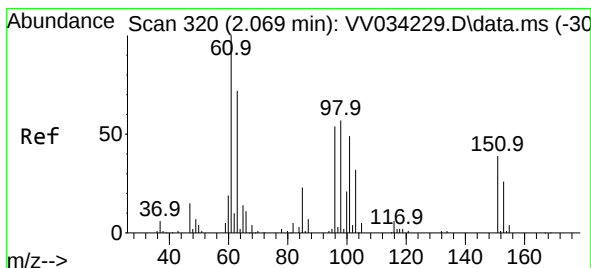
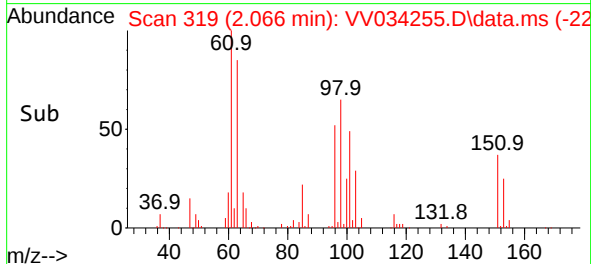
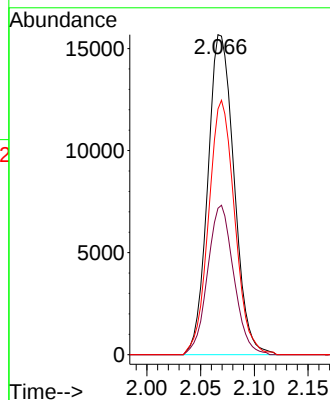
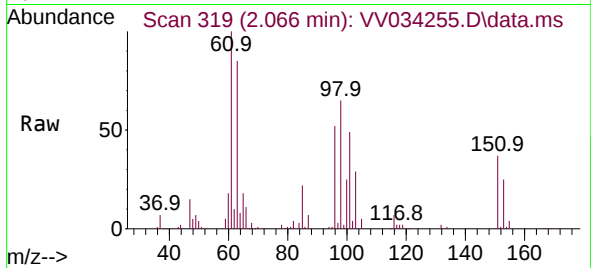




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.264 ug/L
 RT: 2.066 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV034255.D
 Acq: 19 Feb 2024 19:59

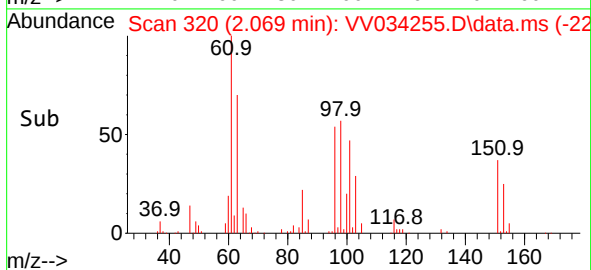
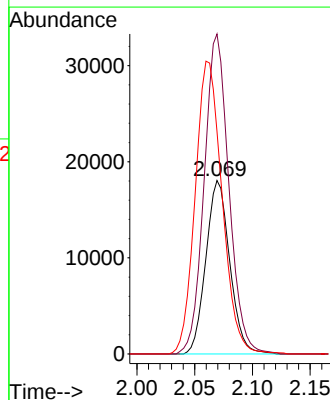
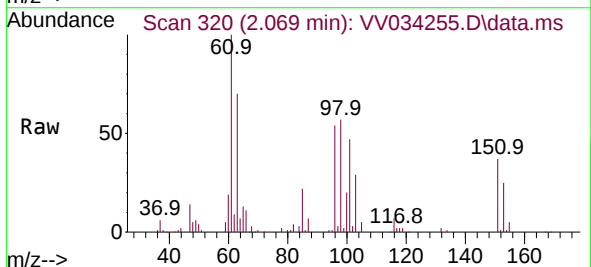
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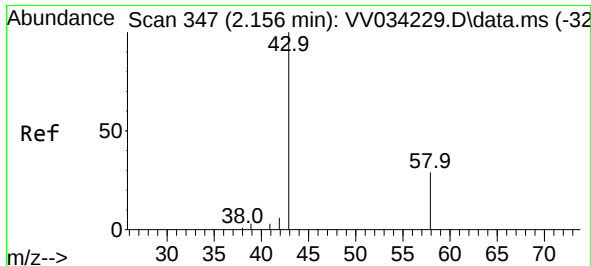
Tgt Ion:101 Resp: 26712
 Ion Ratio Lower Upper
 101 100
 85 46.3 37.1 55.7
 151 78.8 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.260 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034255.D
 Acq: 19 Feb 2024 19:59

Tgt Ion: 96 Resp: 25916
 Ion Ratio Lower Upper
 96 100
 61 184.5 128.8 239.2
 63 128.2 97.9 181.9





#13

Acetone

Concen: 54.747 ug/L

RT: 2.137 min Scan# 341

Delta R.T. -0.019 min

Lab File: VV034255.D

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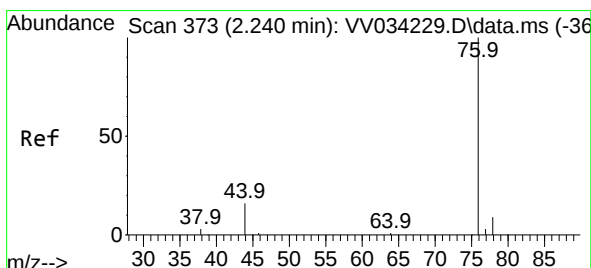
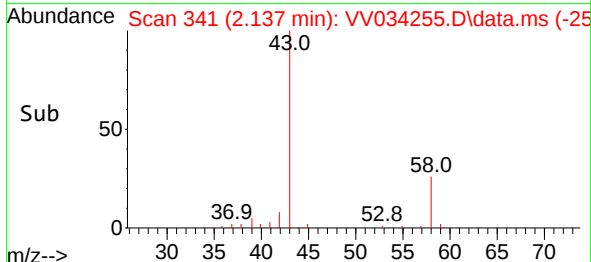
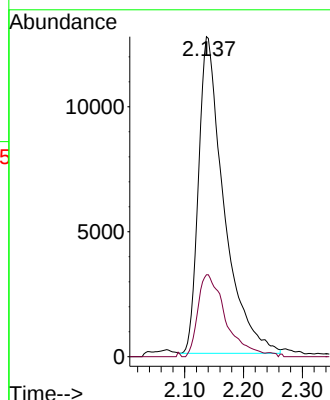
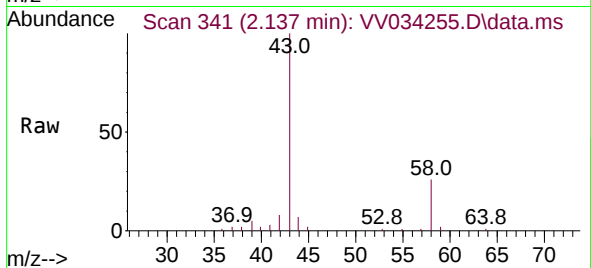
ClientSampleId :

Tgt Ion: 43 Resp: 38103

Ion Ratio Lower Upper

43 100

58 28.1 0.0 13.8#



#14

Carbon disulfide

Concen: 4.730 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

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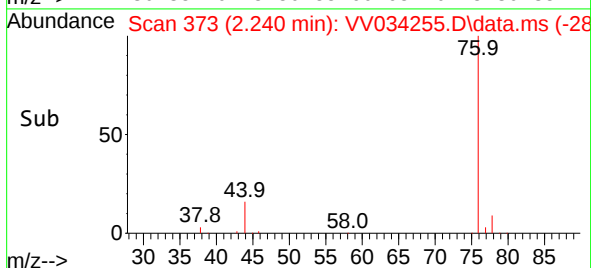
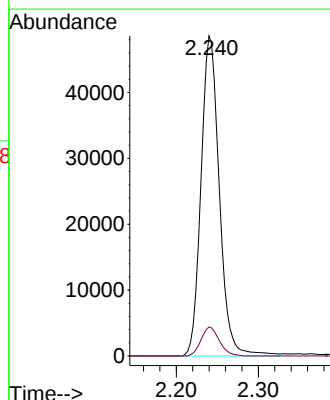
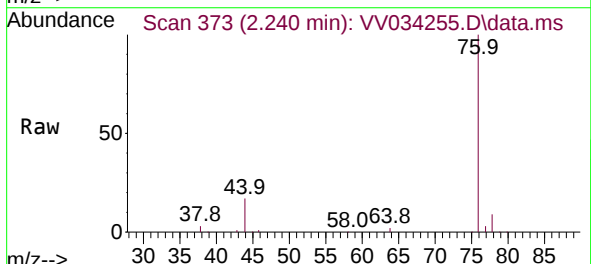
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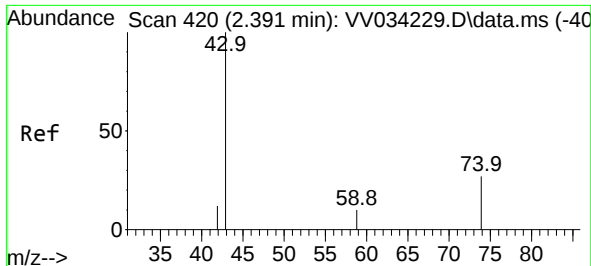
Tgt Ion: 76 Resp: 75413

Ion Ratio Lower Upper

76 100

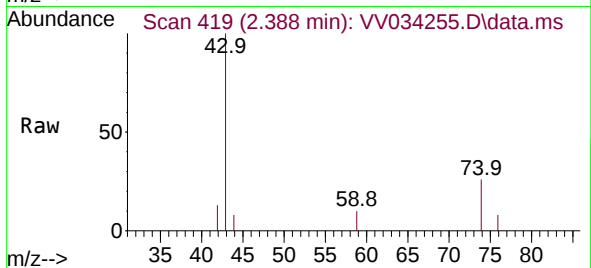
78 9.0 7.5 11.3



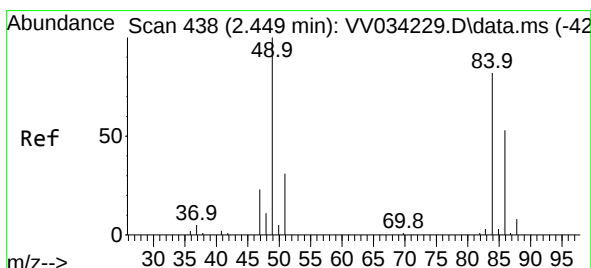
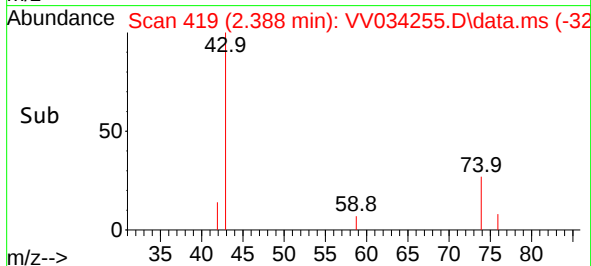
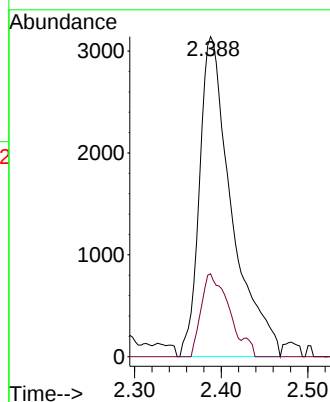


#15
Methyl Acetate
Concen: 4.915 ug/L
RT: 2.388 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

Instrument :
MSVOA_V
ClientSampleId :

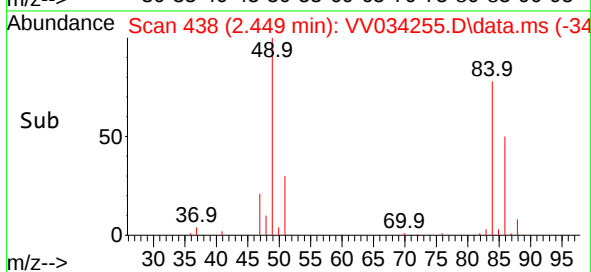
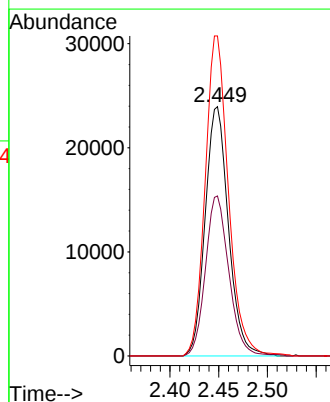
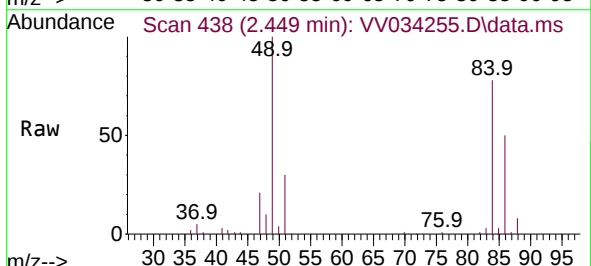


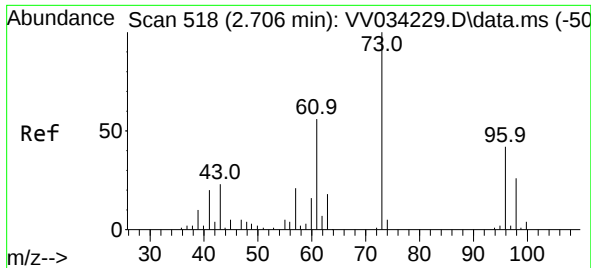
Tgt Ion: 43 Resp: 8096
Ion Ratio Lower Upper
43 100
74 21.3 18.2 27.4



#16
Methylene chloride
Concen: 8.418 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

Tgt Ion: 84 Resp: 39795
Ion Ratio Lower Upper
84 100
86 64.2 44.7 83.1
49 128.4 93.7 173.9

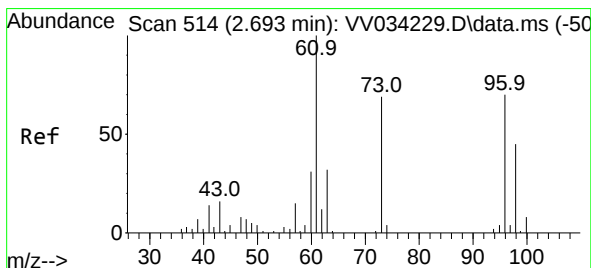
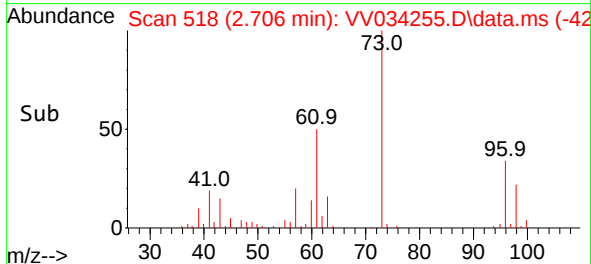
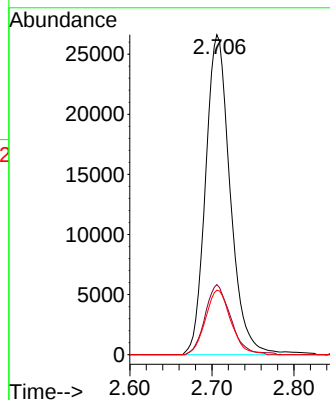
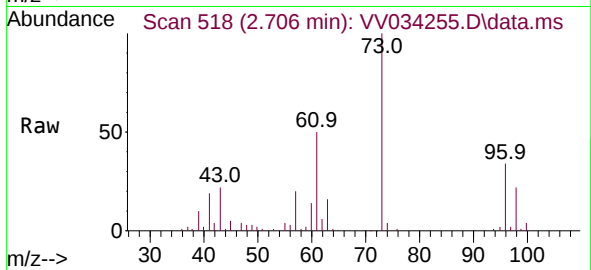




#17
Methyl tert-butyl Ether
Concen: 5.478 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

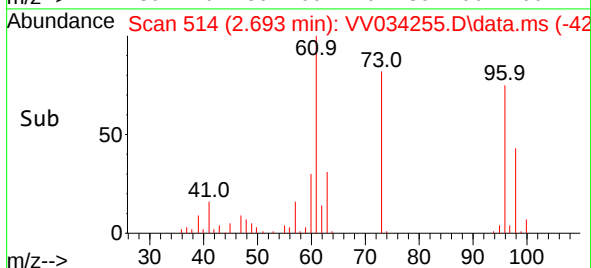
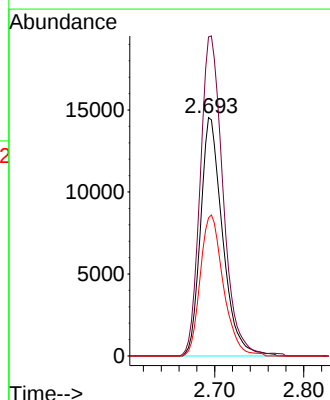
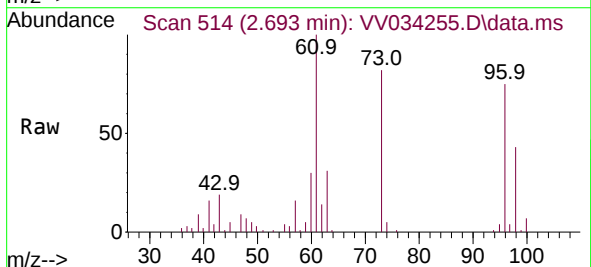
Instrument :
MSVOA_V
ClientSampleId :

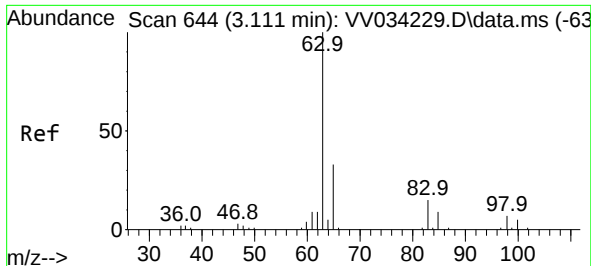
Tgt Ion: 73	Resp: 55457
Ion Ratio	Lower Upper
73 100	
43 22.9	17.7 26.5
57 20.9	17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.985 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

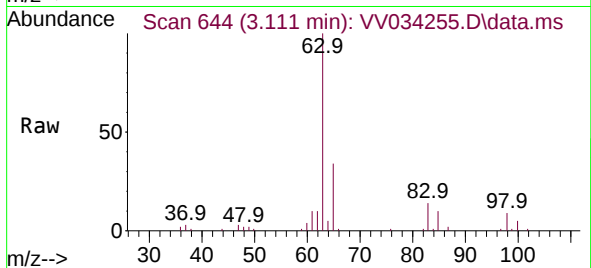
Tgt Ion: 96	Resp: 25016
Ion Ratio	Lower Upper
96 100	
61 133.9	97.6 181.4
98 57.9	44.4 82.5



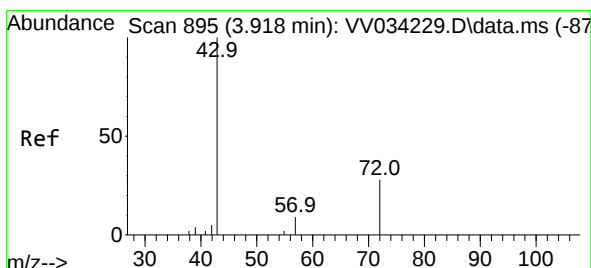
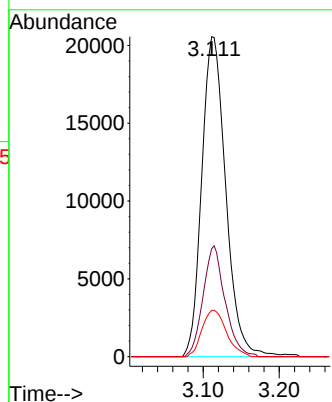
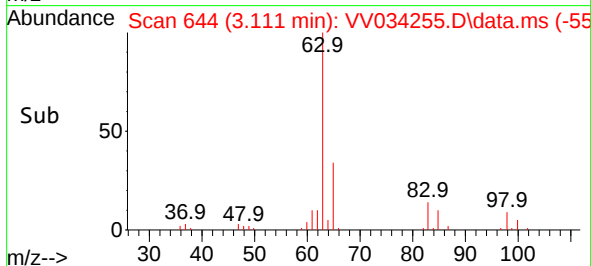


#19
1,1-Dichloroethane
Concen: 4.890 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

Instrument :
MSVOA_V
ClientSampleId :

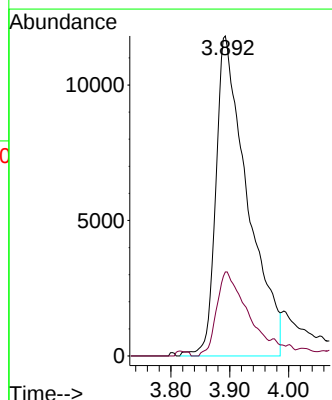
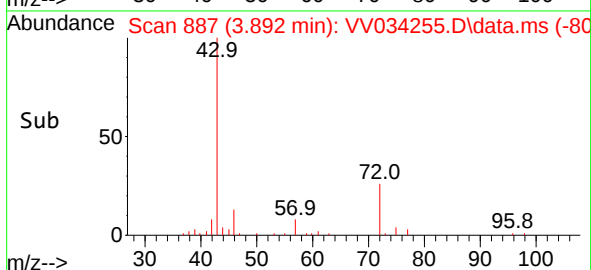
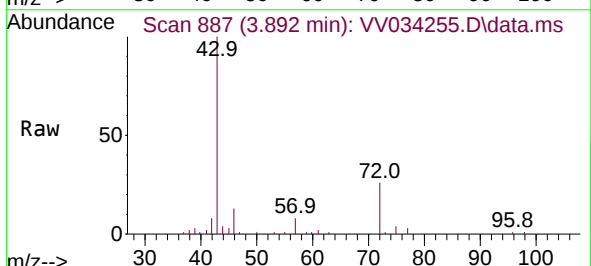


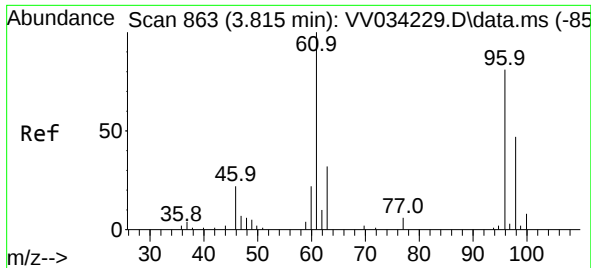
Tgt Ion: 63 Resp: 45090
Ion Ratio Lower Upper
63 100
65 33.7 20.8 38.6
83 14.5 9.4 17.4



#21
2-Butanone
Concen: 47.910 ug/L
RT: 3.892 min Scan# 887
Delta R.T. -0.026 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

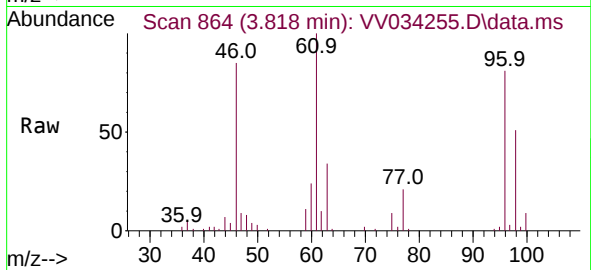
Tgt Ion: 43 Resp: 44064
Ion Ratio Lower Upper
43 100
72 24.9 4.0 11.9



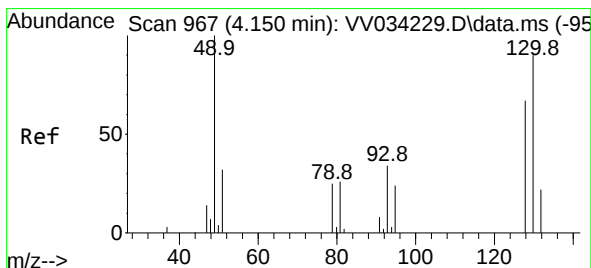
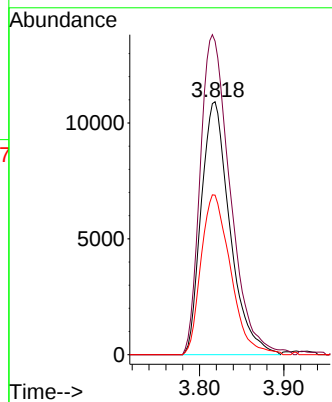
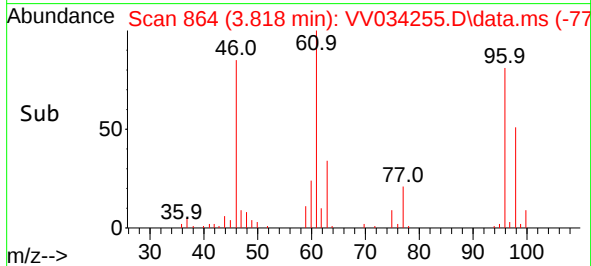


#22
cis-1,2-Dichloroethene
Concen: 4.537 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

Instrument :
MSVOA_V
ClientSampleId :

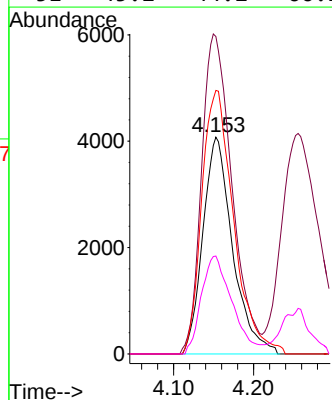
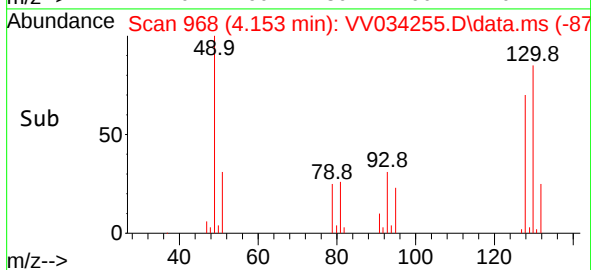
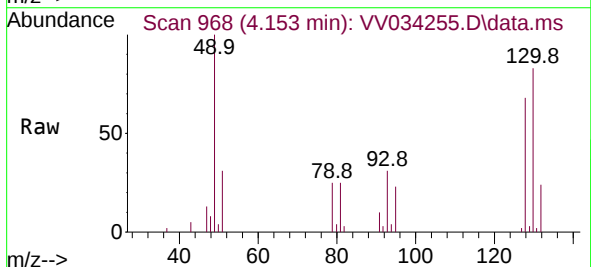


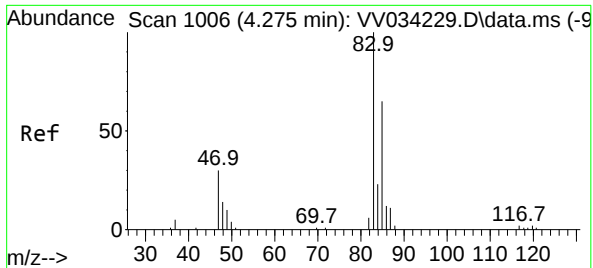
Tgt Ion: 96 Resp: 25830
Ion Ratio Lower Upper
96 100
61 123.9 90.3 167.7
98 63.1 43.2 80.2



#23
Bromochloromethane
Concen: 5.315 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.003 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

Tgt Ion: 128 Resp: 10521
Ion Ratio Lower Upper
128 100
49 146.4 120.5 223.7
130 121.6 93.4 173.4
51 45.2 44.2 66.2

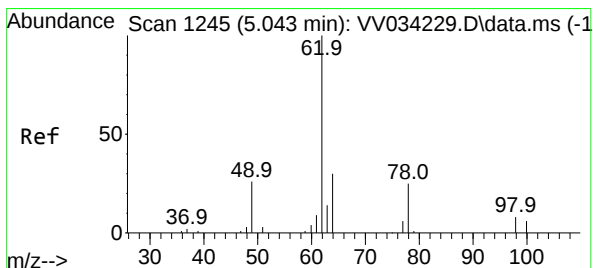
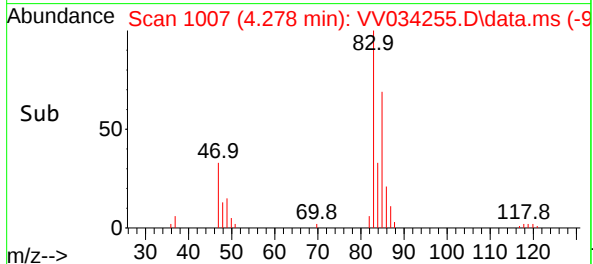
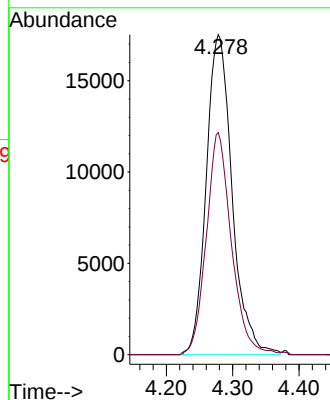
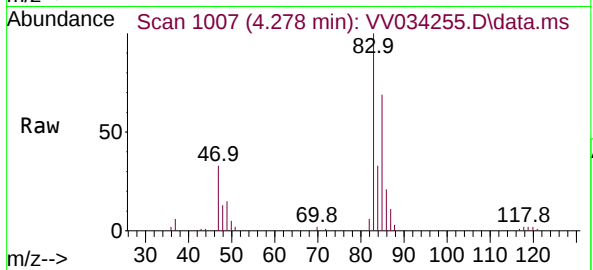




#25
Chloroform
Concen: 5.097 ug/L
RT: 4.278 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

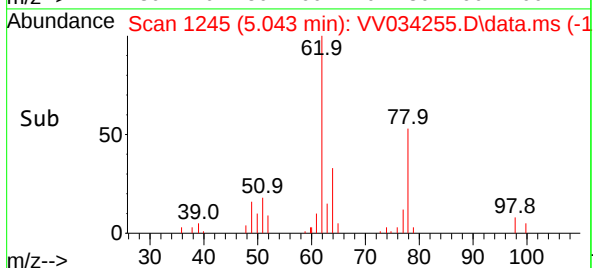
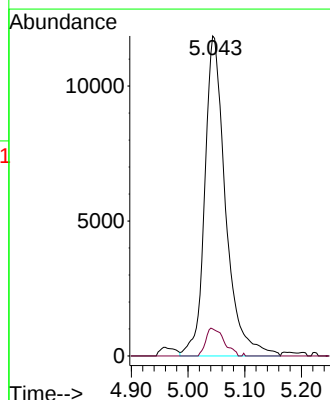
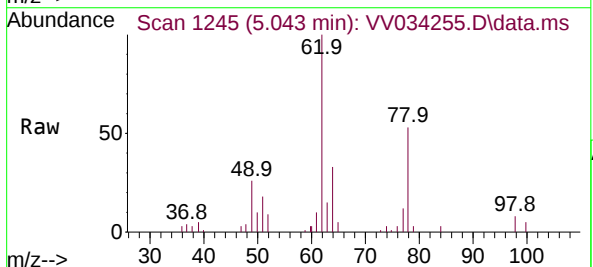
Instrument :
MSVOA_V
ClientSampleId :

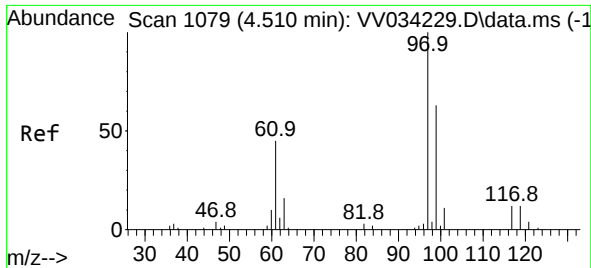
Tgt Ion: 83 Resp: 47509
Ion Ratio Lower Upper
83 100
85 69.4 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.669 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

Tgt Ion: 62 Resp: 30259
Ion Ratio Lower Upper
62 100
98 8.5 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.401 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV034255.D

Acq: 19 Feb 2024 19:59

Instrument :

MSVOA_V

ClientSampleId :

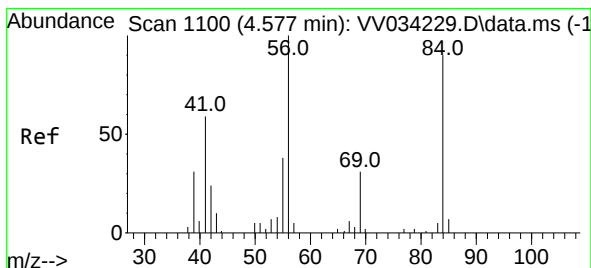
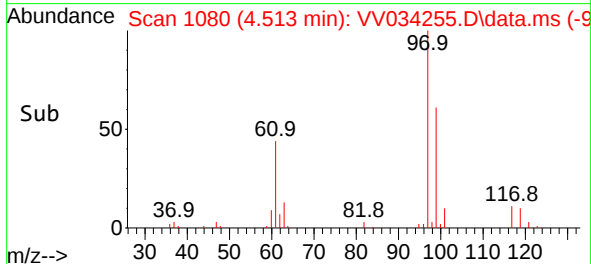
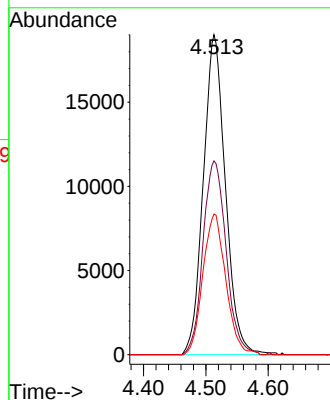
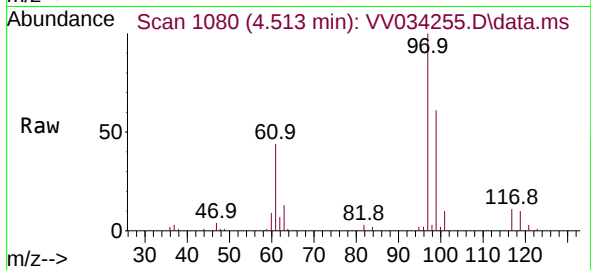
Tgt Ion: 97 Resp: 46914

Ion Ratio Lower Upper

97 100

99 63.4 50.6 75.8

61 45.5 36.8 55.2



#30

Cyclohexane

Concen: 4.444 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV034255.D

Acq: 19 Feb 2024 19:59

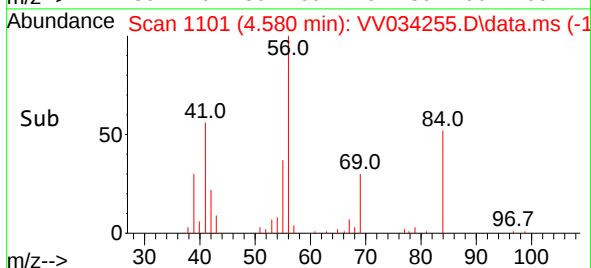
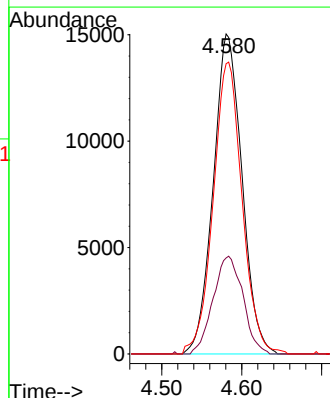
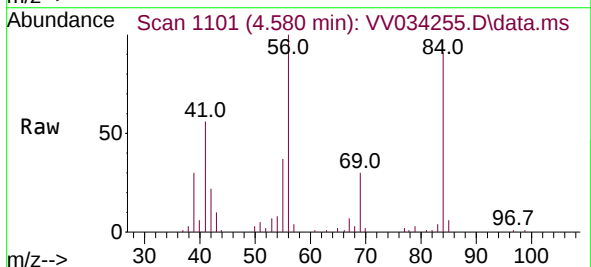
Tgt Ion: 56 Resp: 37541

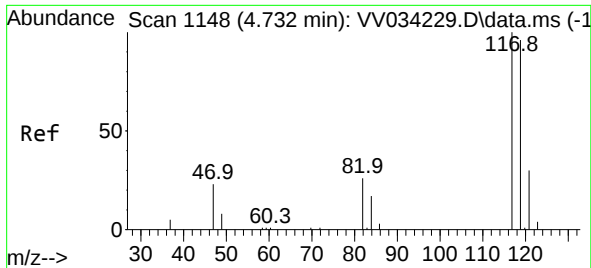
Ion Ratio Lower Upper

56 100

69 31.7 24.2 36.2

84 91.8 70.0 105.0

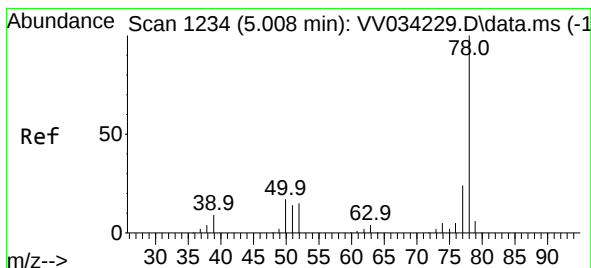
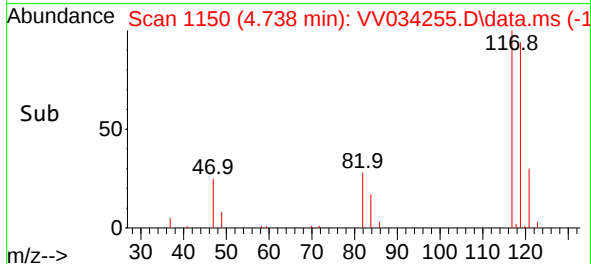
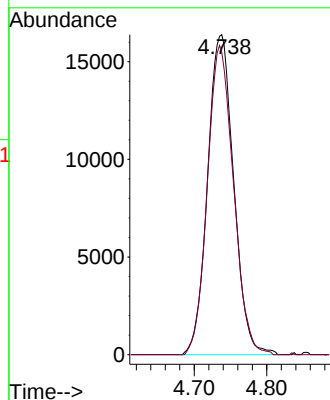
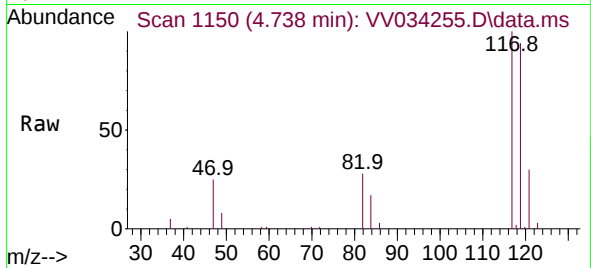




#31
Carbon tetrachloride
Concen: 5.403 ug/L
RT: 4.738 min Scan# 1148
Delta R.T. 0.006 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

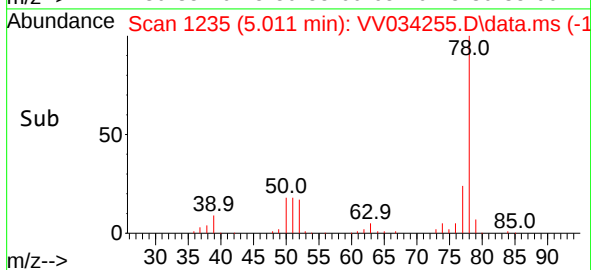
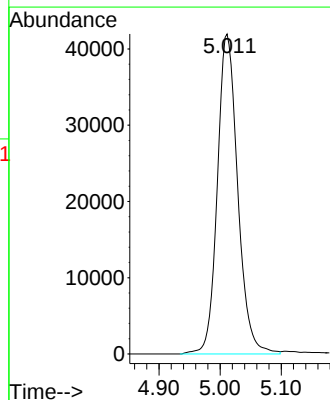
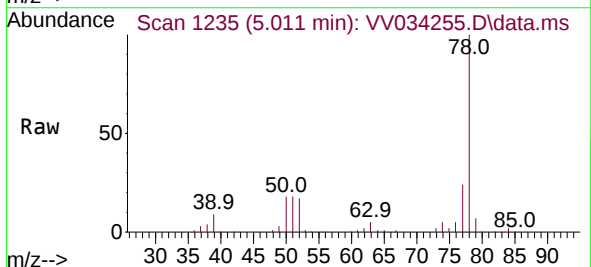
Instrument :
MSVOA_V
ClientSampleId :

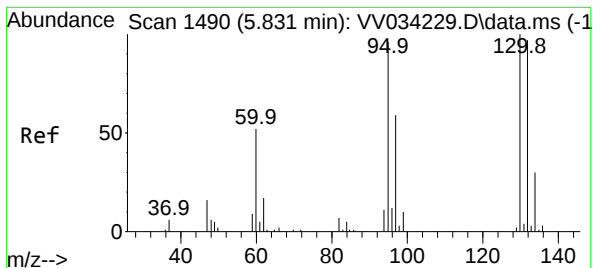
Tgt Ion:117 Resp: 41061
Ion Ratio Lower Upper
117 100
119 96.1 76.1 114.1



#33
Benzene
Concen: 5.003 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

Tgt Ion: 78 Resp: 97088





#34

Trichloroethene

Concen: 4.700 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV034255.D

Acq: 19 Feb 2024 19:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 26395

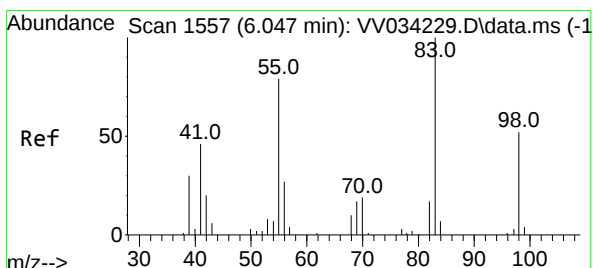
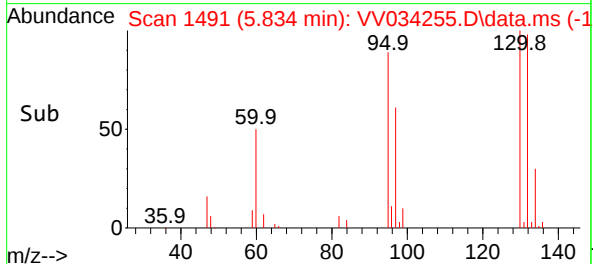
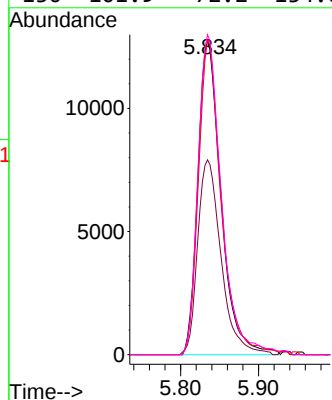
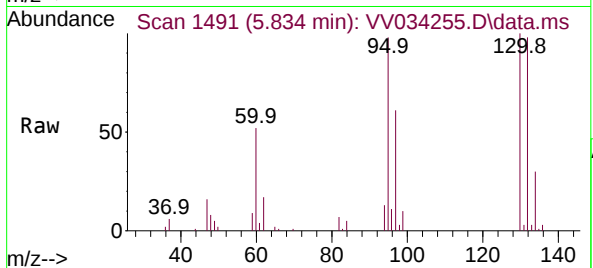
Ion Ratio Lower Upper

95 100

97 62.0 45.1 83.7

132 100.2 66.0 122.6

130 101.9 72.2 134.0



#35

Methylcyclohexane

Concen: 4.470 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034255.D

Acq: 19 Feb 2024 19:59

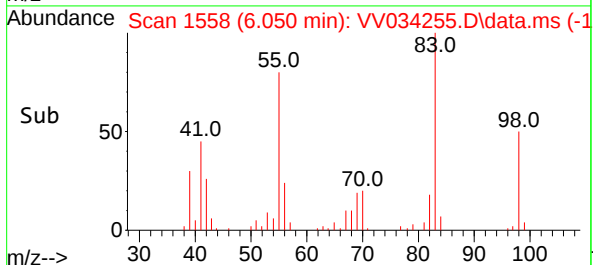
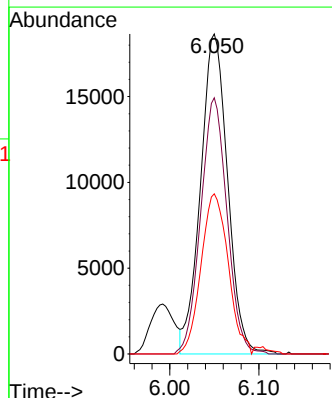
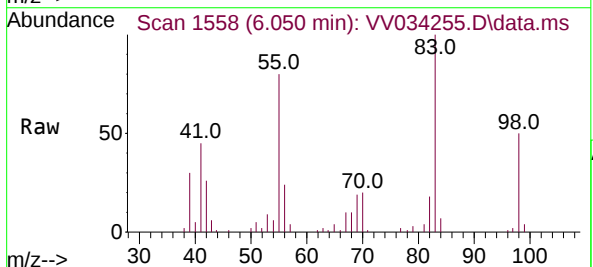
Tgt Ion: 83 Resp: 39403

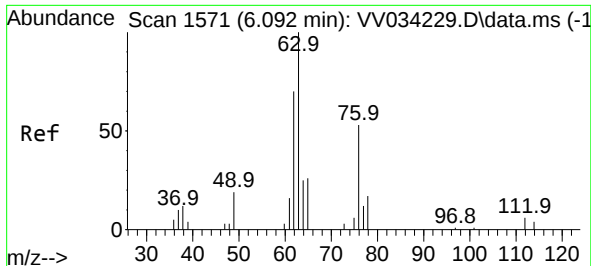
Ion Ratio Lower Upper

83 100

55 77.8 63.5 95.3

98 50.1 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.785 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034255.D

Acq: 19 Feb 2024 19:59

Instrument :

MSVOA_V

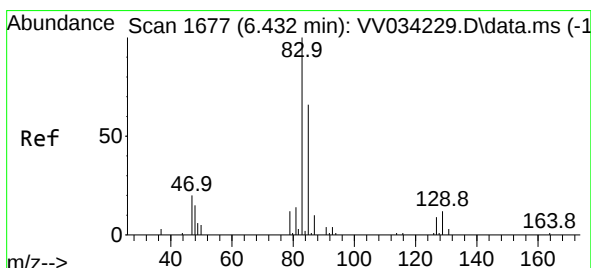
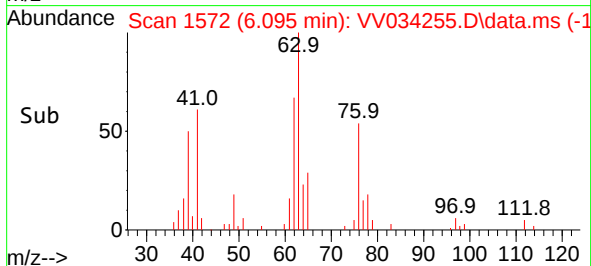
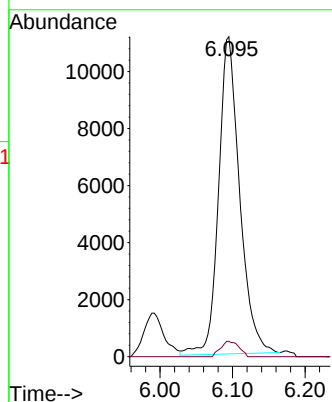
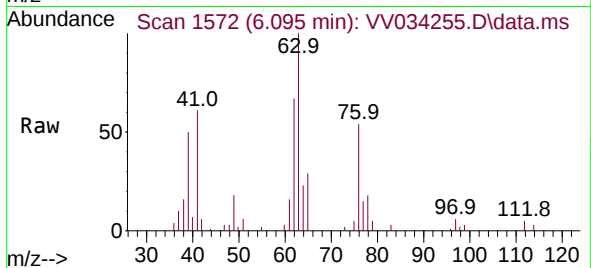
ClientSampleId :

Tgt Ion: 63 Resp: 22493

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 5.207 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV034255.D

Acq: 19 Feb 2024 19:59

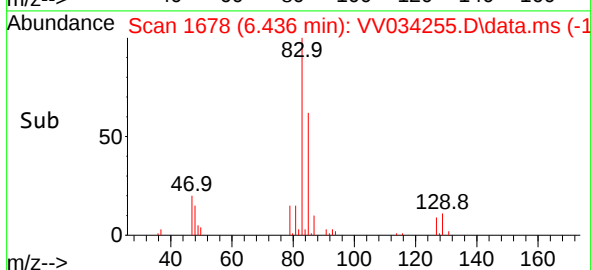
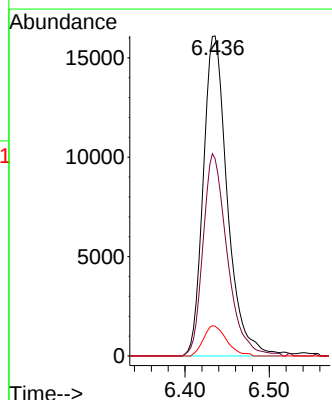
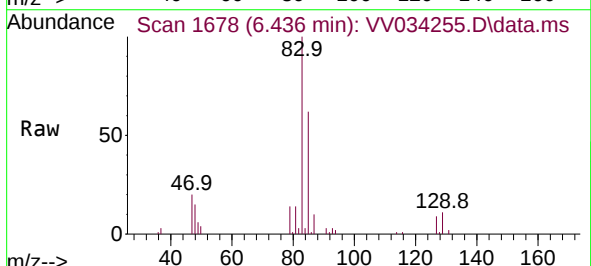
Tgt Ion: 83 Resp: 32130

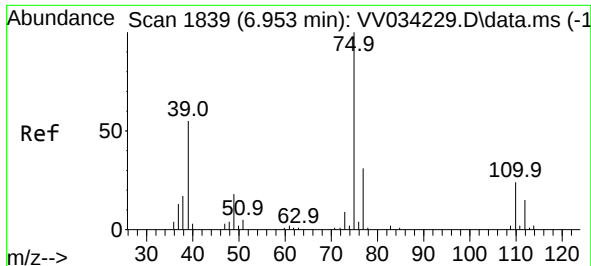
Ion Ratio Lower Upper

83 100

85 61.7 45.4 84.2

127 9.3 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.293 ug/L

RT: 6.957 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV034255.D

Acq: 19 Feb 2024 19:59

Instrument :

MSVOA_V

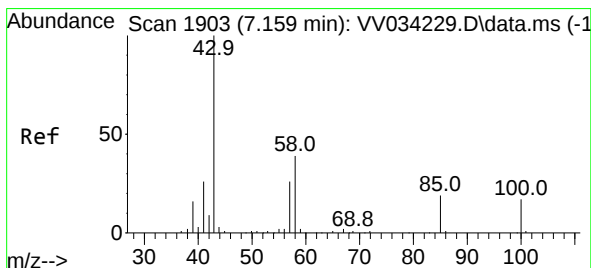
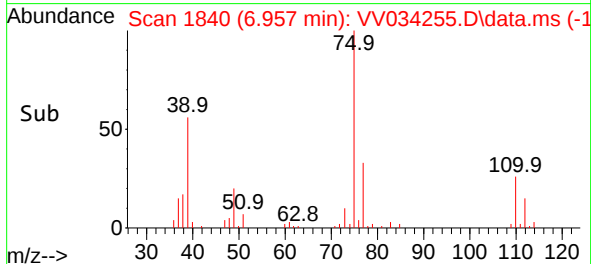
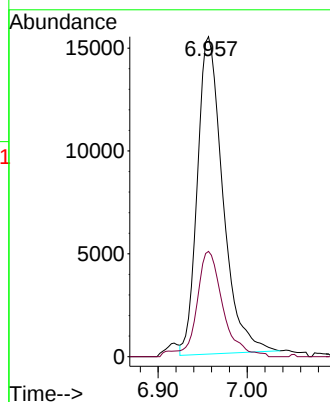
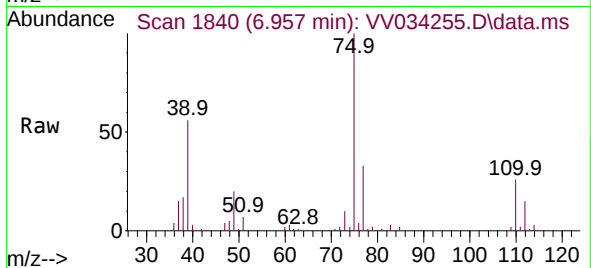
ClientSampleId :

Tgt Ion: 75 Resp: 30701

Ion Ratio Lower Upper

75 100

77 32.9 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 52.166 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV034255.D

Acq: 19 Feb 2024 19:59

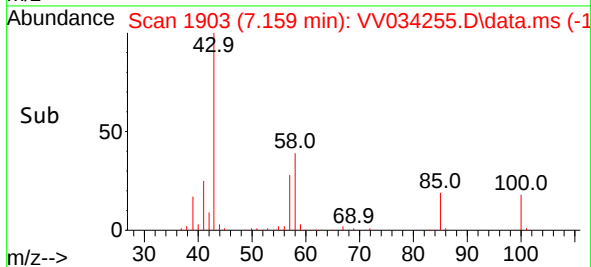
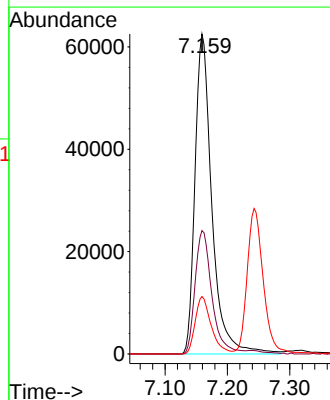
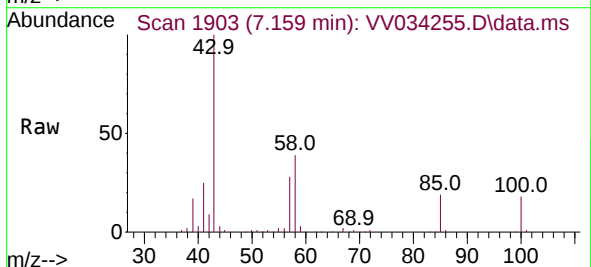
Tgt Ion: 43 Resp: 117421

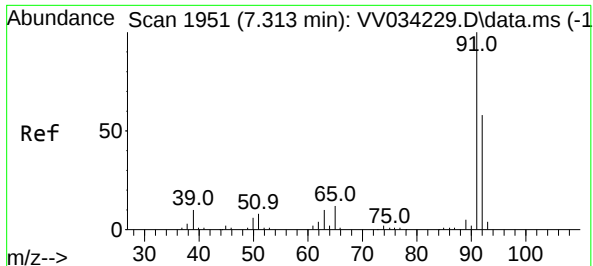
Ion Ratio Lower Upper

43 100

58 38.5 30.2 45.2

100 17.0 12.1 18.1





#42

Toluene

Concen: 5.156 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034255.D

Acq: 19 Feb 2024 19:59

Instrument :

MSVOA_V

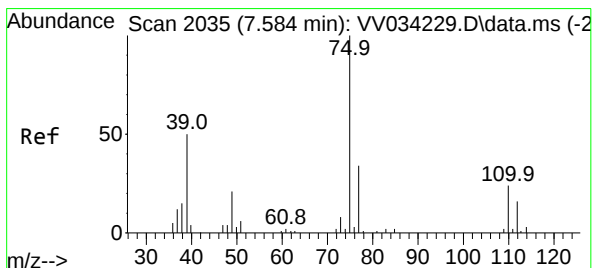
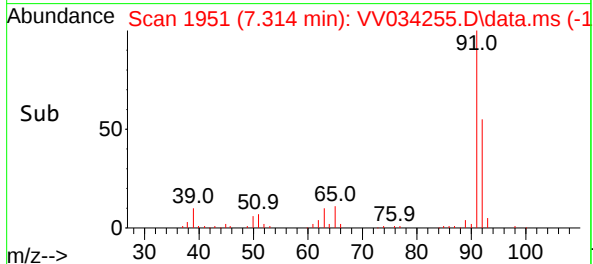
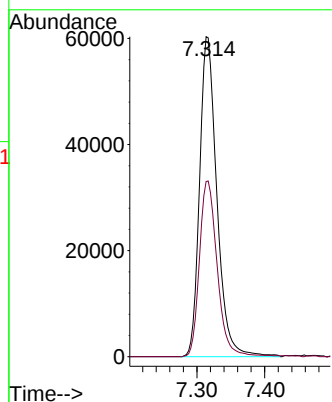
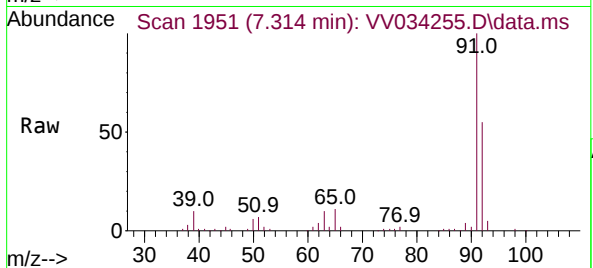
ClientSampleId :

Tgt Ion: 91 Resp: 106925

Ion Ratio Lower Upper

91 100

92 54.7 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.907 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034255.D

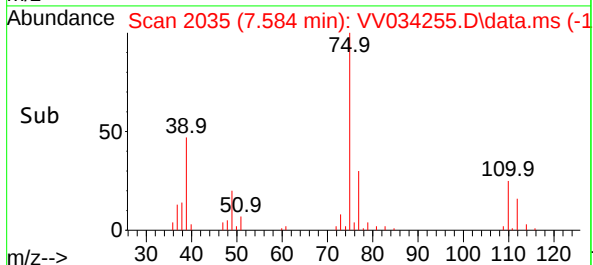
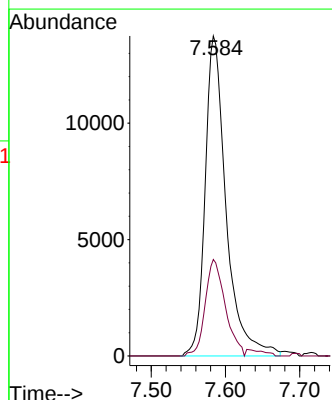
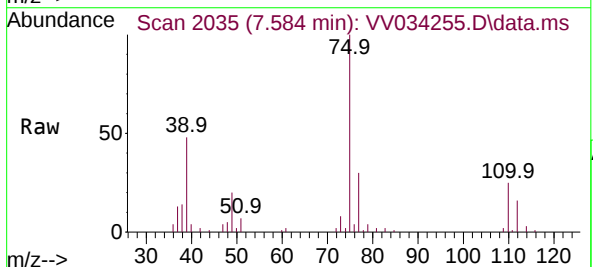
Acq: 19 Feb 2024 19:59

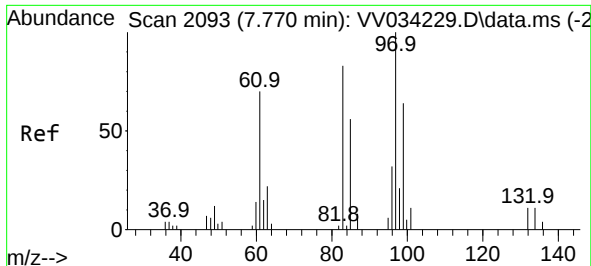
Tgt Ion: 75 Resp: 26946

Ion Ratio Lower Upper

75 100

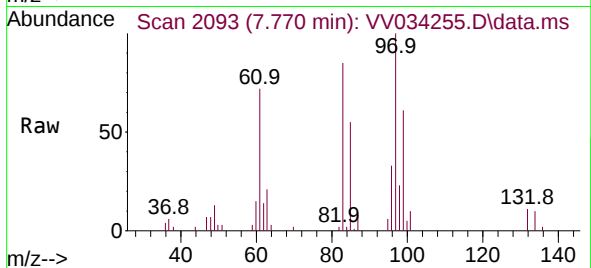
77 30.1 22.2 41.2



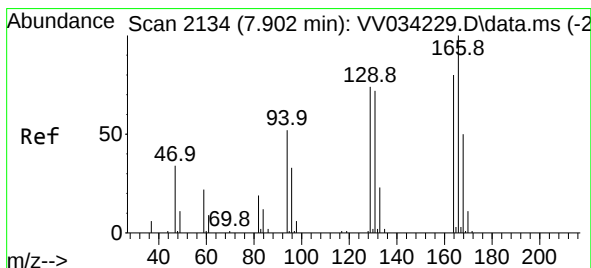
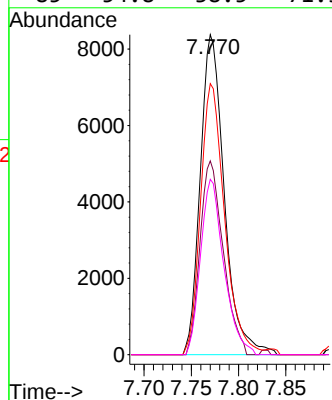
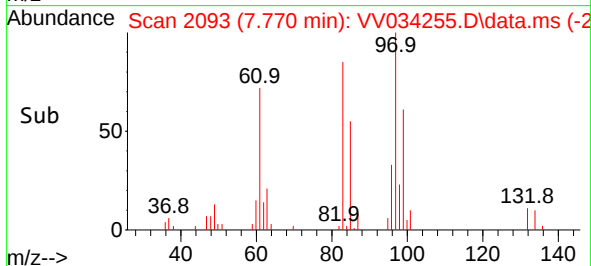


#45
1,1,2-Trichloroethane
Concen: 5.116 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

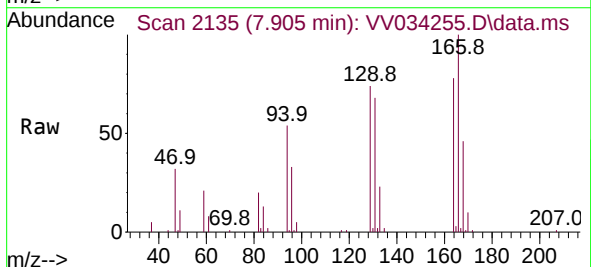
Instrument :
MSVOA_V
ClientSampleId :



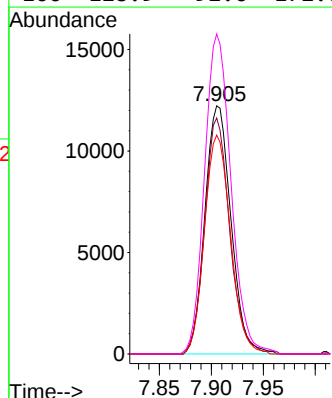
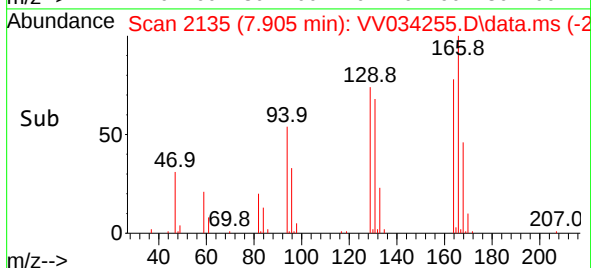
Tgt Ion:	97	Resp:	14848
Ion	Ratio	Lower	Upper
97	100		
99	60.6	45.6	84.6
83	84.7	62.3	115.7
85	54.8	38.5	71.5

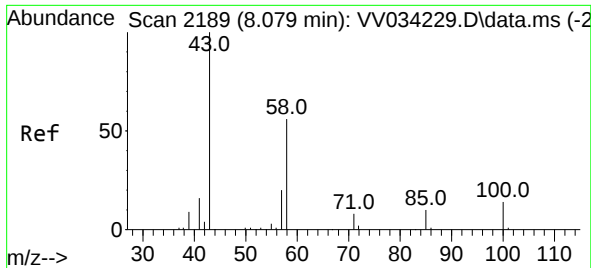


#47
Tetrachloroethene
Concen: 4.674 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59



Tgt Ion:	164	Resp:	21330
Ion	Ratio	Lower	Upper
164	100		
129	95.1	67.8	125.8
131	88.2	63.0	117.0
166	128.9	92.6	172.0

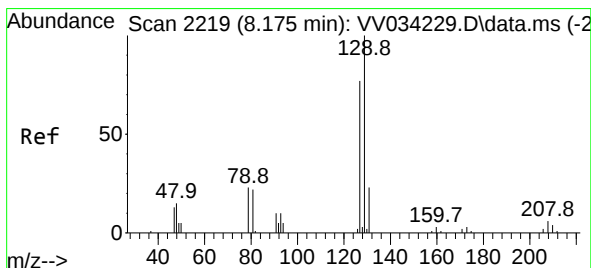
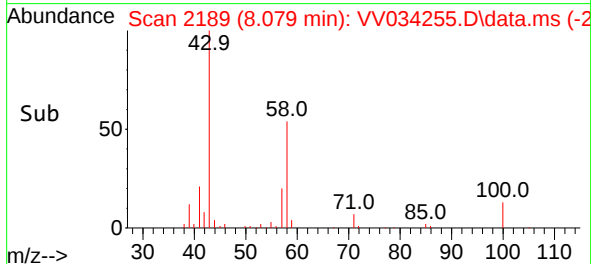
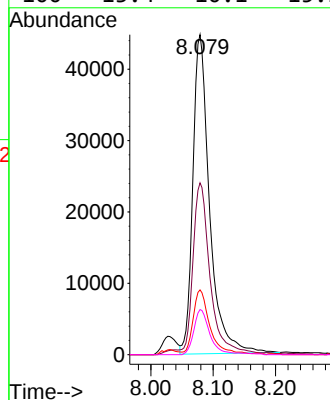
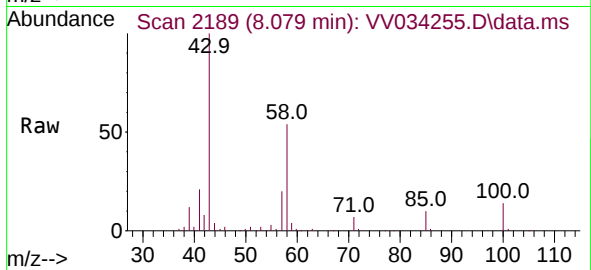




#48
2-Hexanone
Concen: 52.510 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

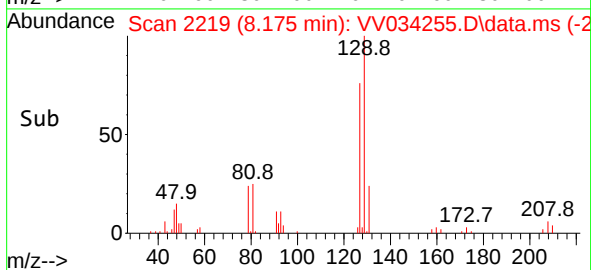
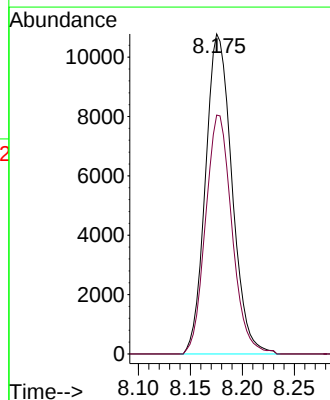
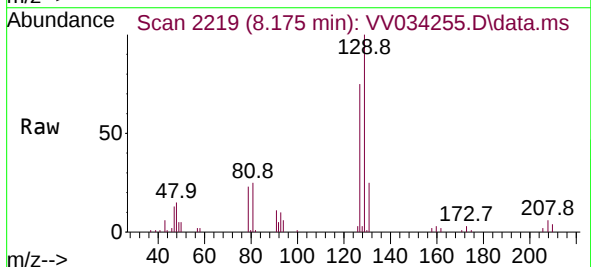
Instrument :
MSVOA_V
ClientSampleId :

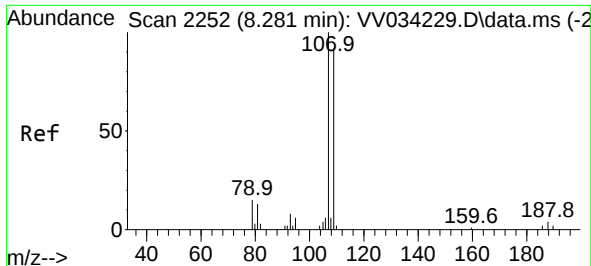
Tgt Ion:	43	Resp:	83314
Ion	Ratio	Lower	Upper
43	100		
58	56.5	42.6	64.0
57	19.7	15.5	23.3
100	13.4	10.1	15.1



#49
Dibromochloromethane
Concen: 5.538 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

Tgt Ion:	129	Resp:	19102
Ion	Ratio	Lower	Upper
129	100		
127	74.6	53.5	99.5





#50

1,2-Dibromoethane

Concen: 5.345 ug/L

RT: 8.285 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034255.D

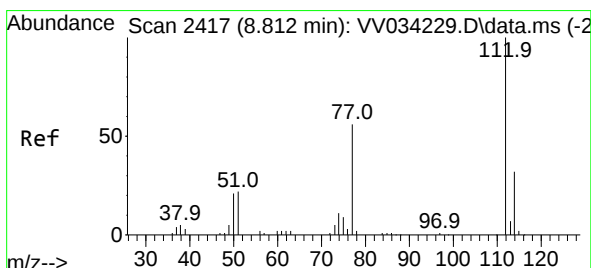
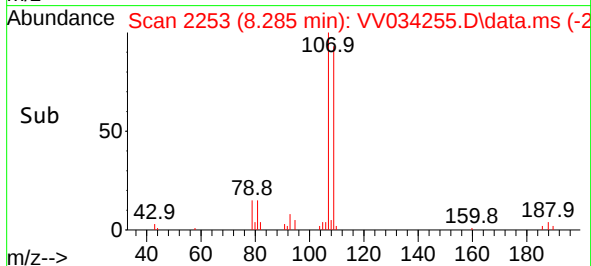
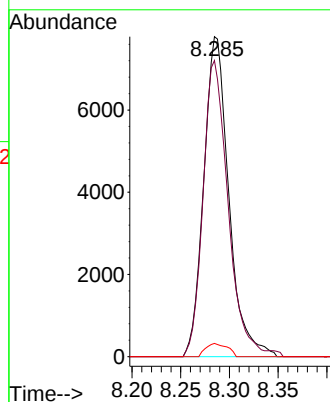
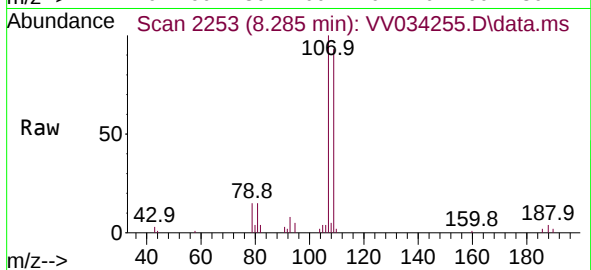
Acq: 19 Feb 2024 19:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	13925
Ion Ratio	Lower	Upper	
107	100		
109	92.6	64.5	119.9
188	4.1	2.6	4.0#



#51

Chlorobenzene

Concen: 5.049 ug/L

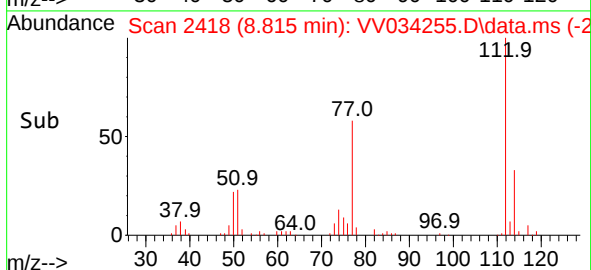
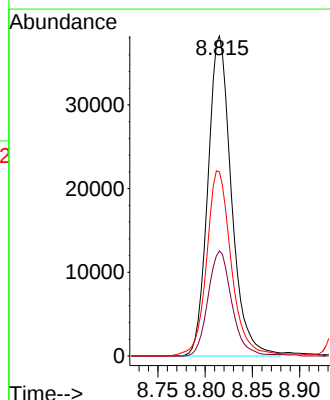
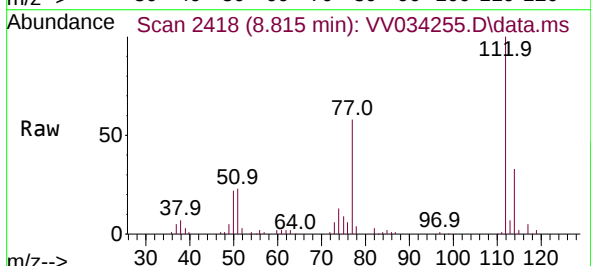
RT: 8.815 min Scan# 2418

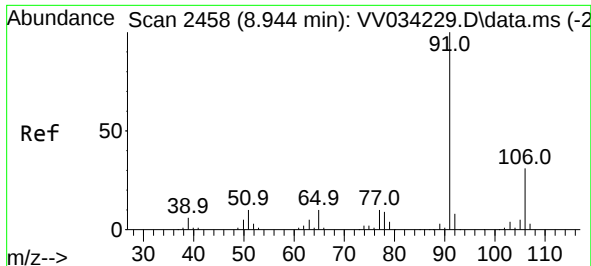
Delta R.T. 0.003 min

Lab File: VV034255.D

Acq: 19 Feb 2024 19:59

Tgt Ion:	112	Resp:	66201
Ion Ratio	Lower	Upper	
112	100		
114	32.8	22.5	41.7
77	57.6	48.1	72.1

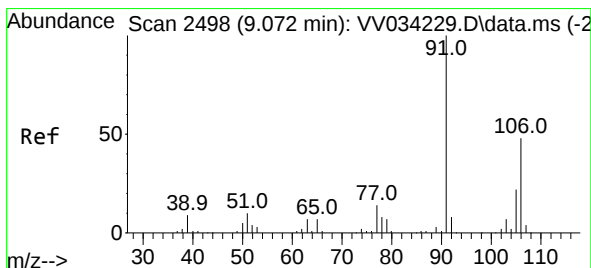
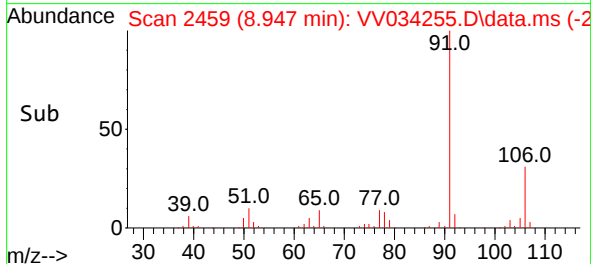
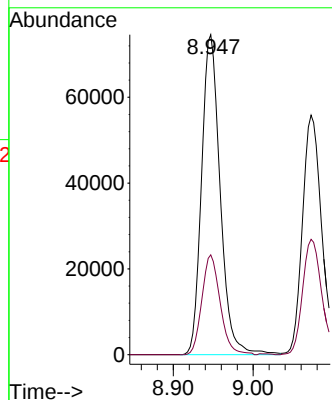
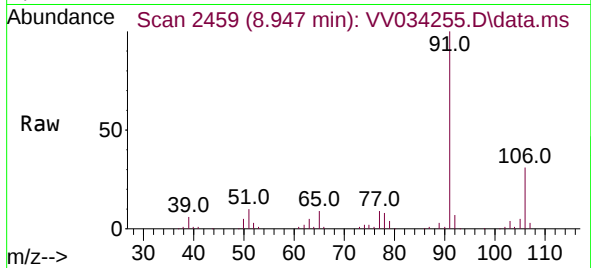




#52
Ethylbenzene
Concen: 5.073 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

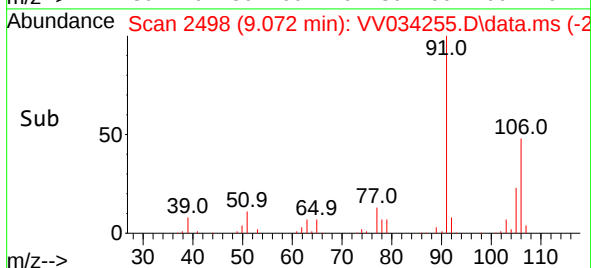
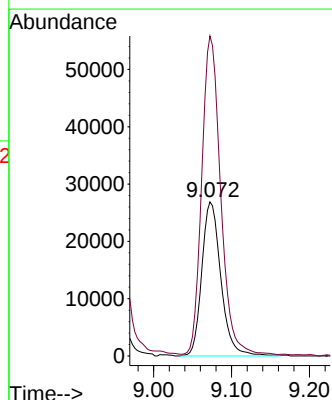
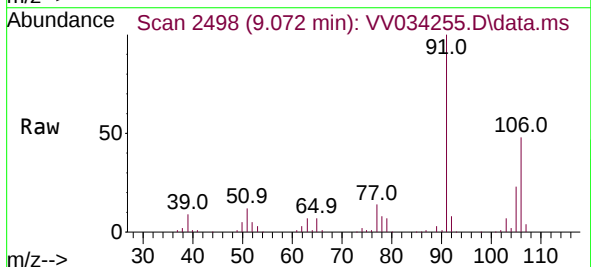
Instrument :
MSVOA_V
ClientSampleId :

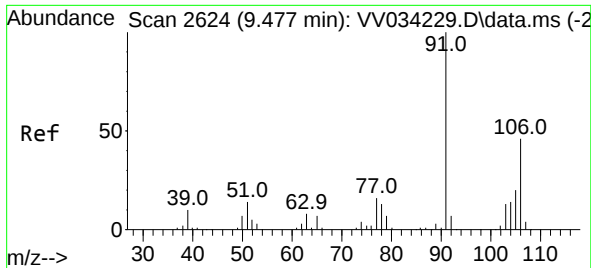
Tgt Ion: 91 Resp: 121114
Ion Ratio Lower Upper
91 100
106 31.2 21.4 39.8



#53
m,p-Xylene
Concen: 5.072 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

Tgt Ion:106 Resp: 45757
Ion Ratio Lower Upper
106 100
91 207.8 147.5 273.9

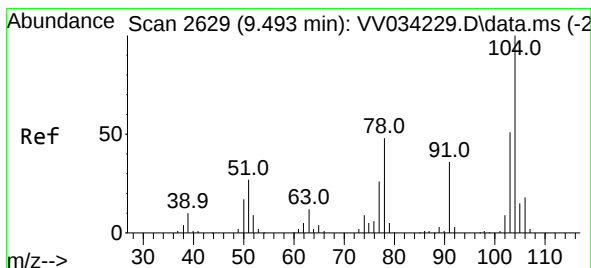
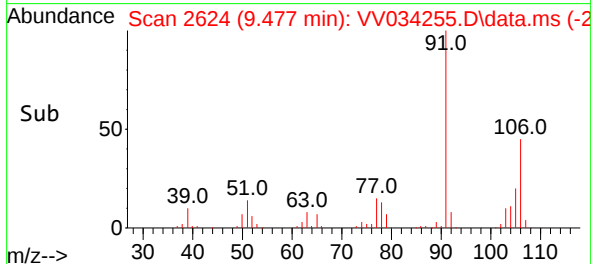
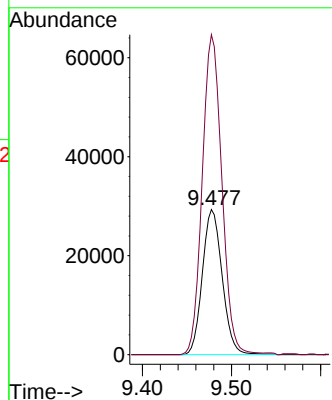
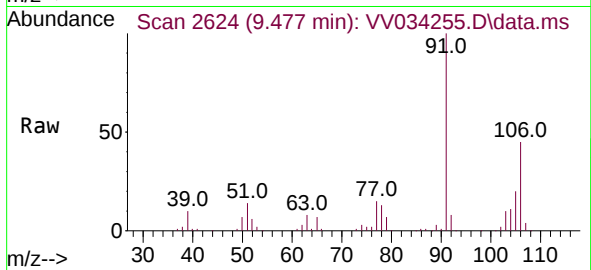




#54
o-Xylene
Concen: 5.211 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

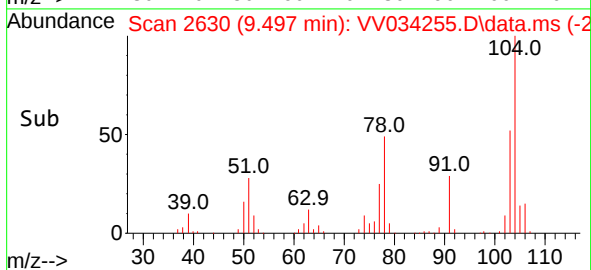
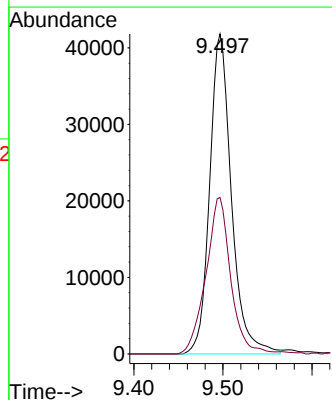
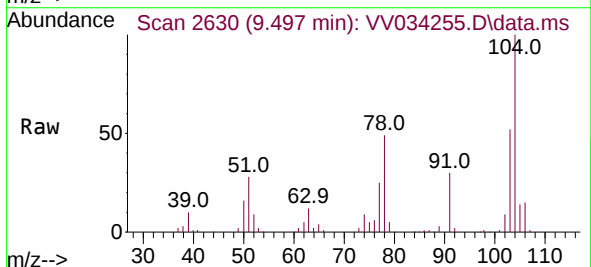
Instrument :
MSVOA_V
ClientSampleId :

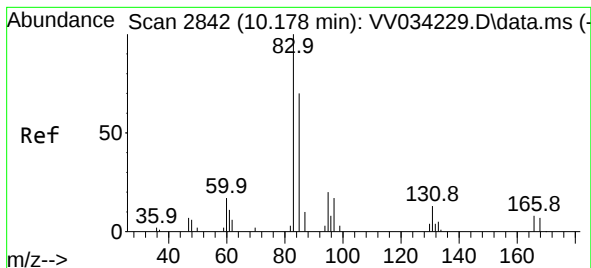
Tgt Ion:106 Resp: 45328
Ion Ratio Lower Upper
106 100
91 220.6 156.2 290.0



#55
Styrene
Concen: 5.091 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

Tgt Ion:104 Resp: 70909
Ion Ratio Lower Upper
104 100
78 48.9 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.331 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.000 min

Lab File: VV034255.D

Acq: 19 Feb 2024 19:59

Instrument :

MSVOA_V

ClientSampleId :

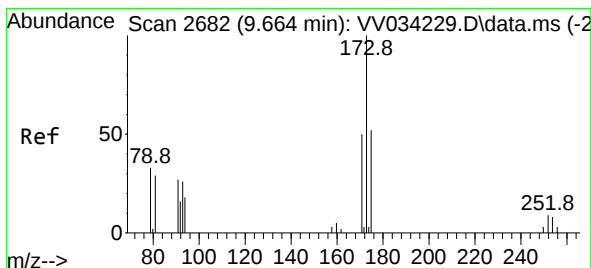
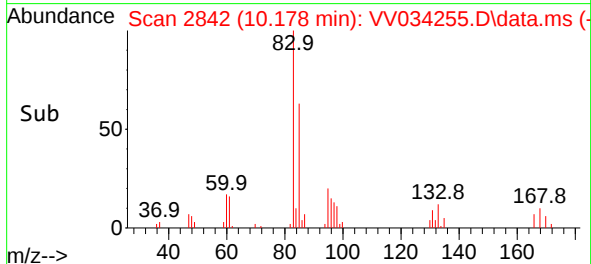
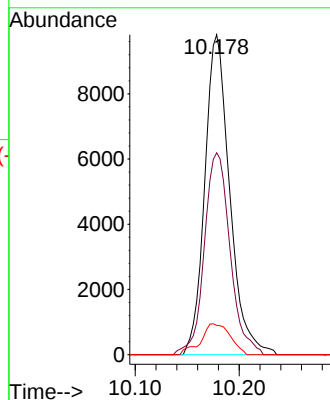
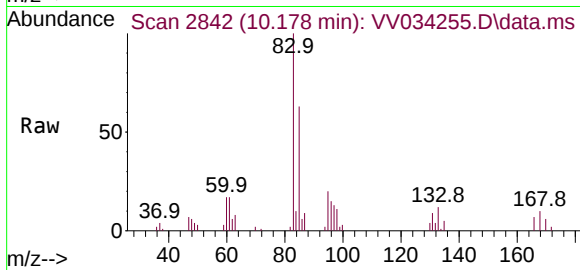
Tgt Ion: 83 Resp: 16330

Ion Ratio Lower Upper

83 100

85 63.1 46.5 86.3

131 9.2 8.4 12.6



#59

Bromoform

Concen: 4.888 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.003 min

Lab File: VV034255.D

Acq: 19 Feb 2024 19:59

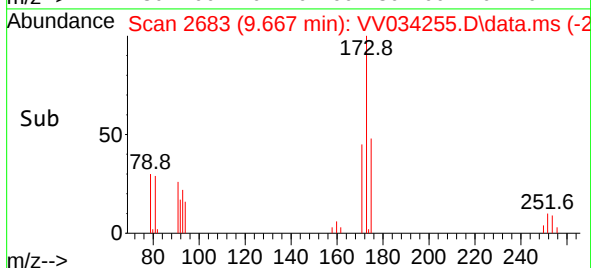
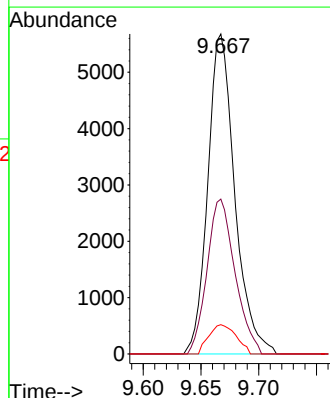
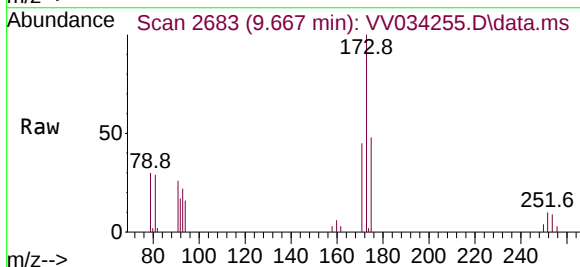
Tgt Ion: 173 Resp: 9232

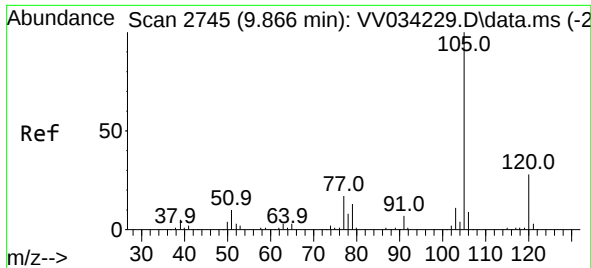
Ion Ratio Lower Upper

173 100

175 50.1 38.6 57.8

254 9.3 7.2 10.8

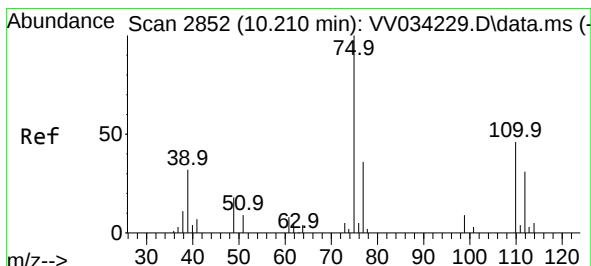
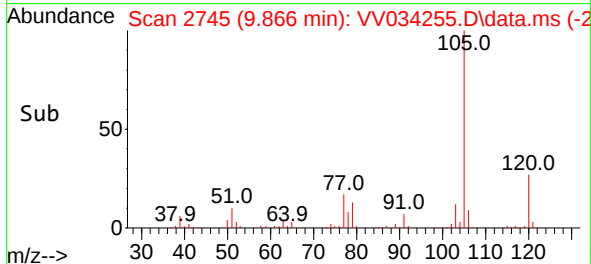
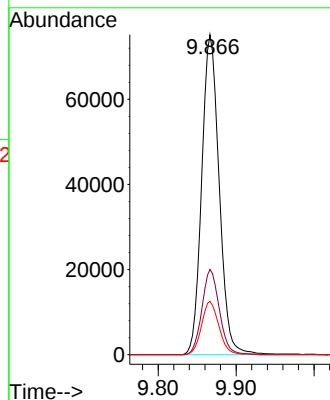
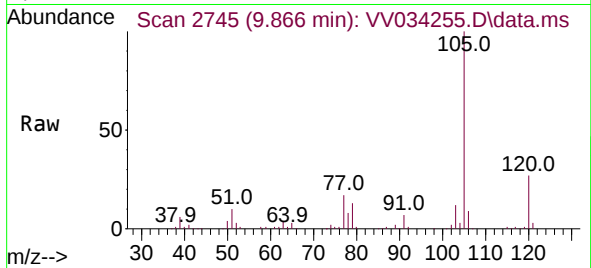




#60
Isopropylbenzene
Concen: 4.620 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

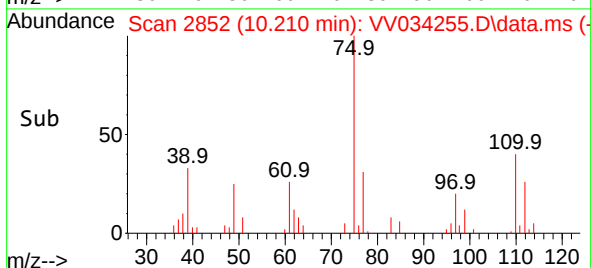
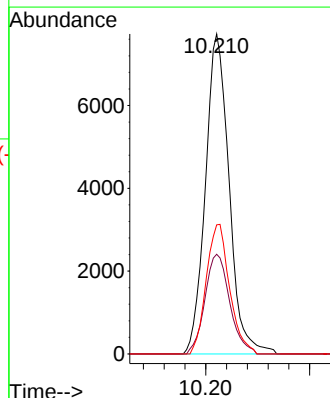
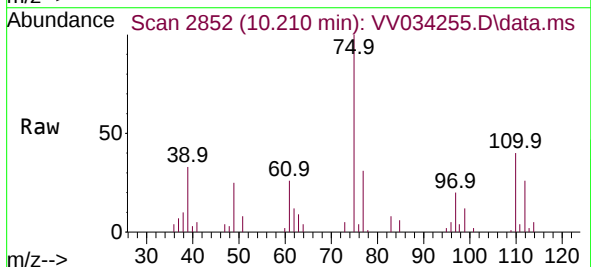
Instrument :
MSVOA_V
ClientSampleId :

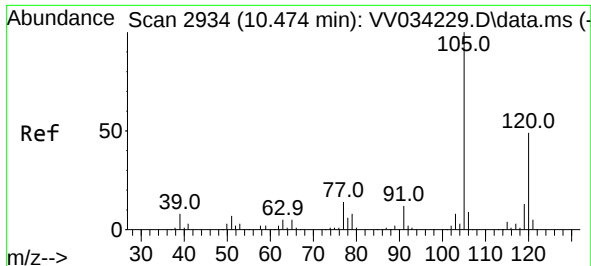
Tgt Ion:105 Resp: 117208
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 16.7 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.181 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

Tgt Ion: 75 Resp: 12211
Ion Ratio Lower Upper
75 100
77 32.6 26.9 40.3
110 39.9 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 4.792 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV034255.D

Acq: 19 Feb 2024 19:59

Instrument :

MSVOA_V

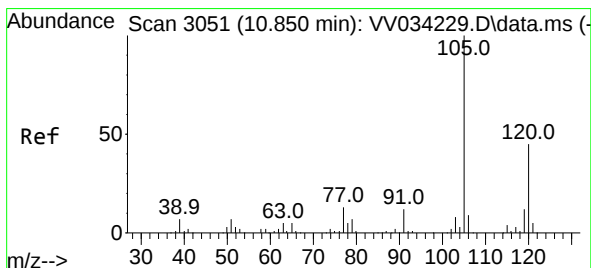
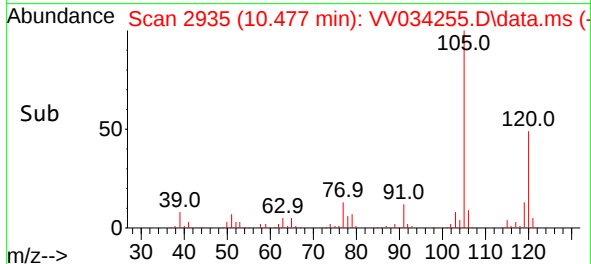
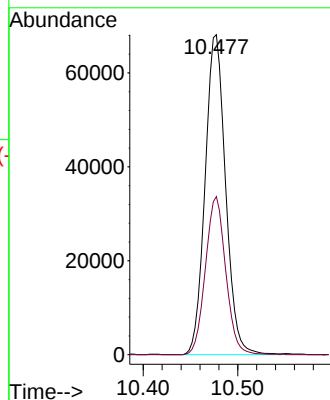
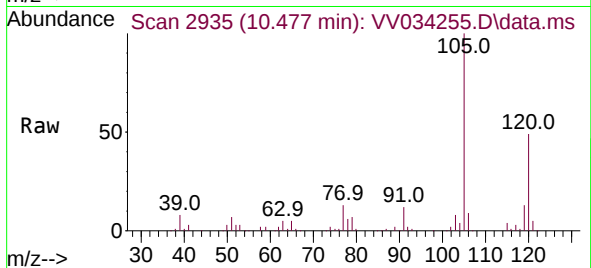
ClientSampleId :

Tgt Ion:105 Resp: 102775

Ion Ratio Lower Upper

105 100

120 48.9 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.975 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV034255.D

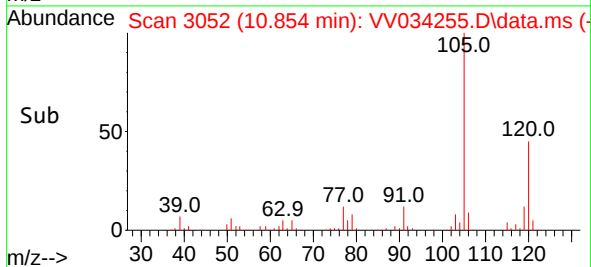
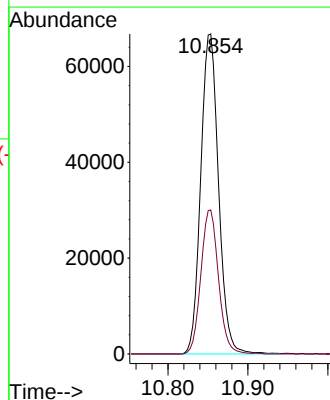
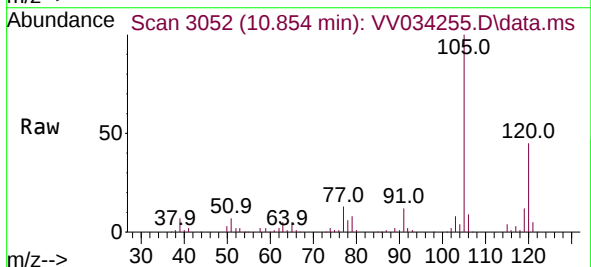
Acq: 19 Feb 2024 19:59

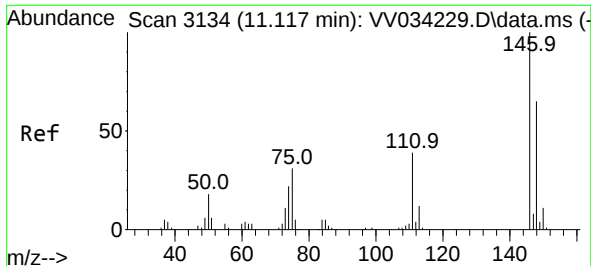
Tgt Ion:105 Resp: 103665

Ion Ratio Lower Upper

105 100

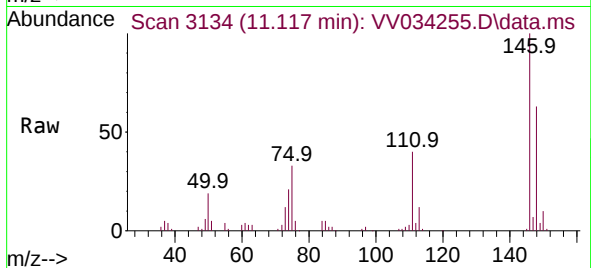
120 44.4 36.2 54.2



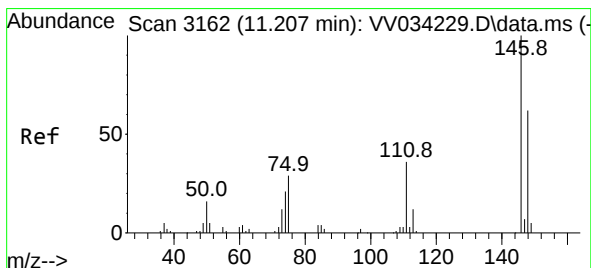
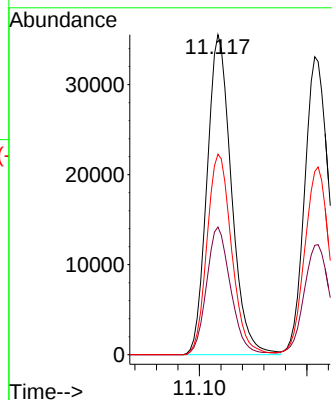
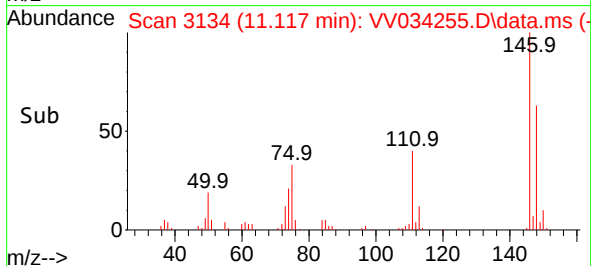


#64
1,3-Dichlorobenzene
Concen: 5.069 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

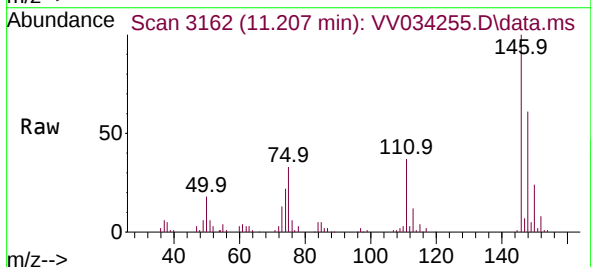
Instrument :
MSVOA_V
ClientSampleId :



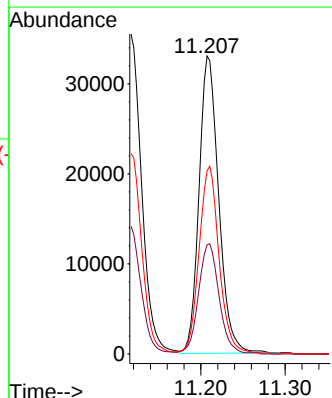
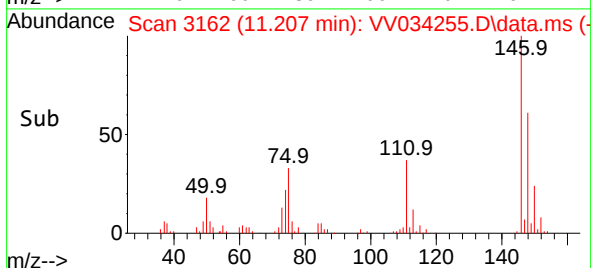
Tgt Ion:146 Resp: 56069
Ion Ratio Lower Upper
146 100
111 39.9 28.5 52.9
148 62.6 44.4 82.4

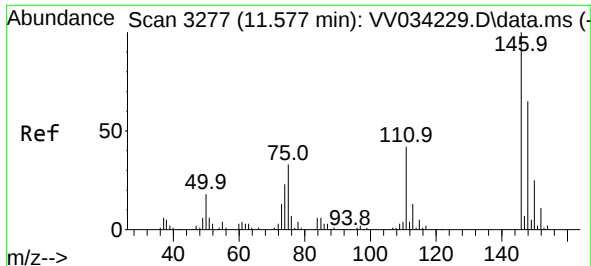


#65
1,4-Dichlorobenzene
Concen: 4.901 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59



Tgt Ion:146 Resp: 53679
Ion Ratio Lower Upper
146 100
111 36.7 27.6 51.4
148 61.5 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.212 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034255.D

Acq: 19 Feb 2024 19:59

Instrument :

MSVOA_V

ClientSampleId :

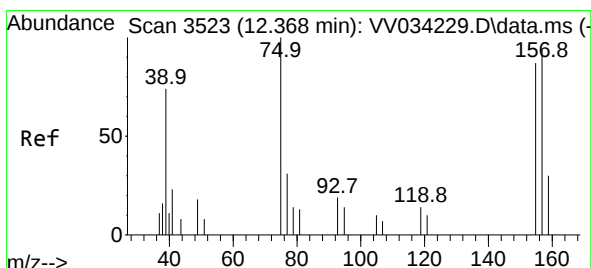
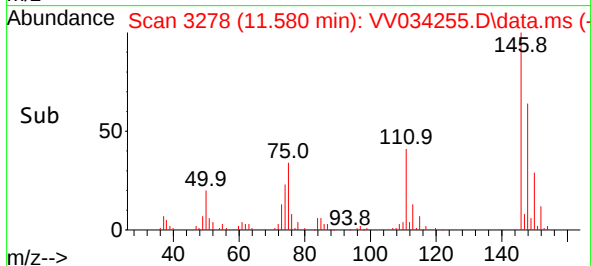
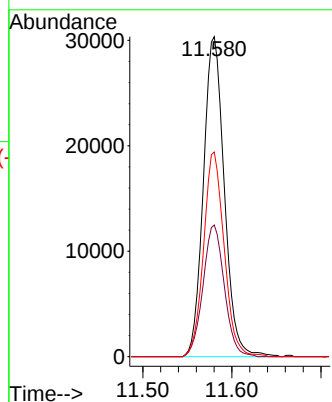
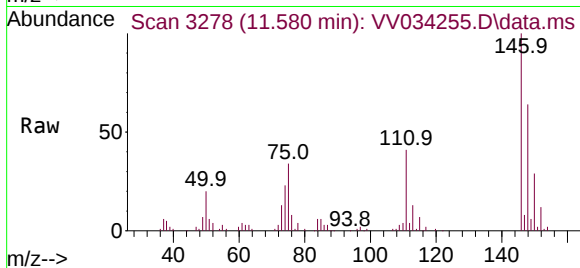
Tgt Ion:146 Resp: 49516

Ion Ratio Lower Upper

146 100

111 41.1 31.2 46.8

148 64.0 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.563 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV034255.D

Acq: 19 Feb 2024 19:59

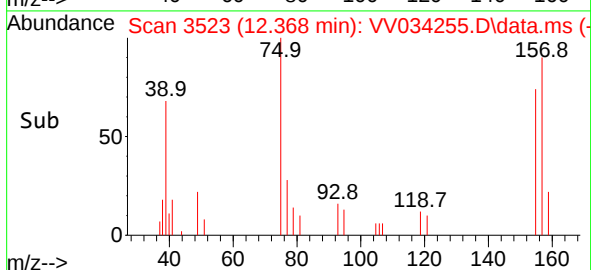
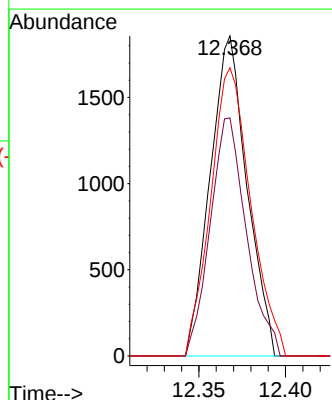
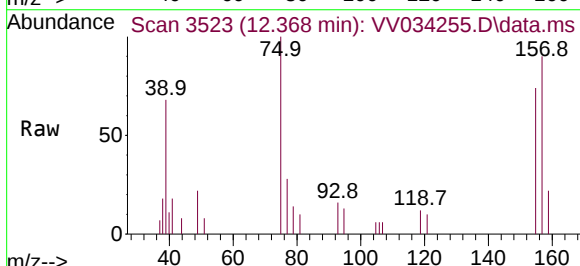
Tgt Ion: 75 Resp: 2748

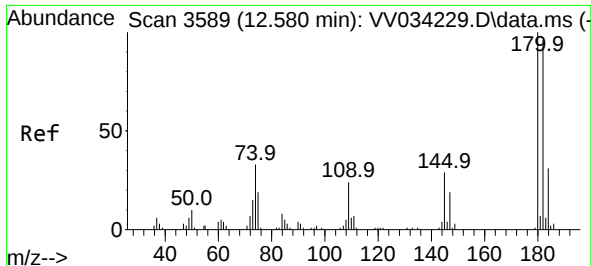
Ion Ratio Lower Upper

75 100

155 74.4 68.9 103.3

157 90.0 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 4.858 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

Lab File: VV034255.D

Acq: 19 Feb 2024 19:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 41585

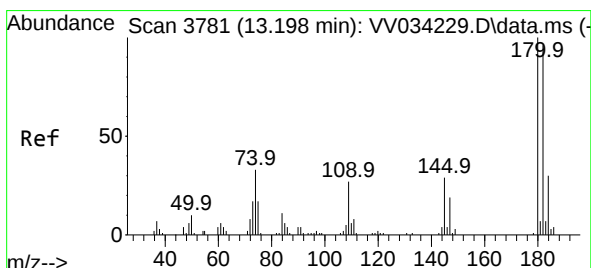
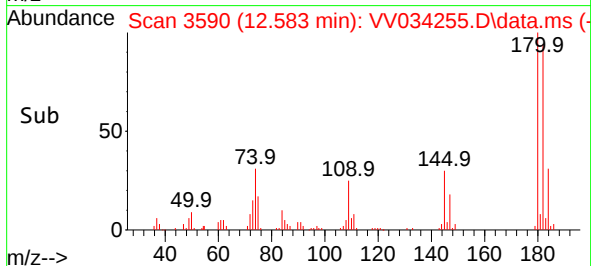
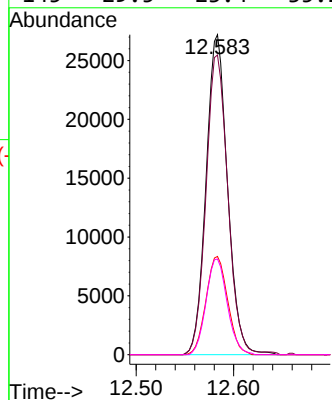
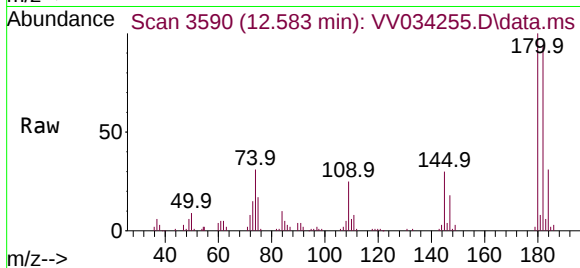
Ion Ratio Lower Upper

180 100

182 95.0 77.0 115.4

184 31.0 23.8 35.6

145 29.5 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 5.222 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034255.D

Acq: 19 Feb 2024 19:59

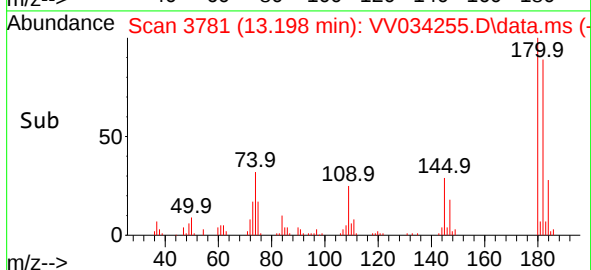
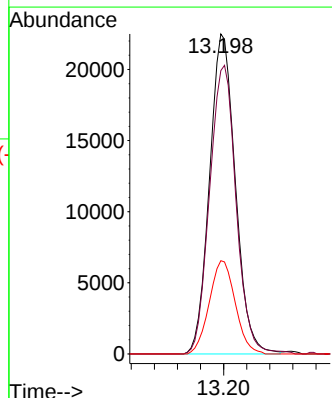
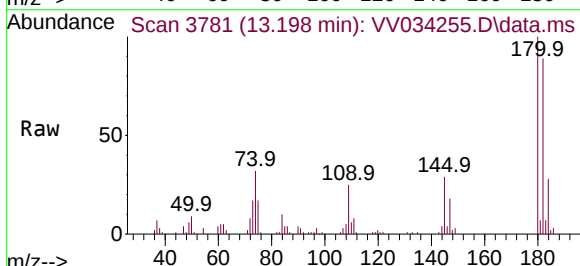
Tgt Ion:180 Resp: 34897

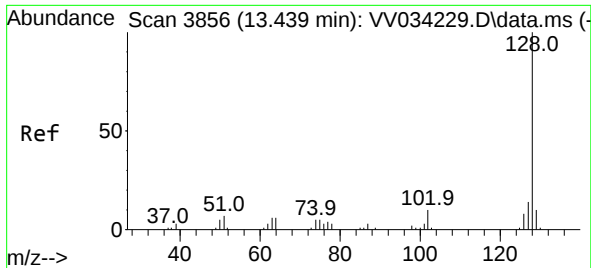
Ion Ratio Lower Upper

180 100

182 92.6 76.8 115.2

145 29.4 24.8 37.2

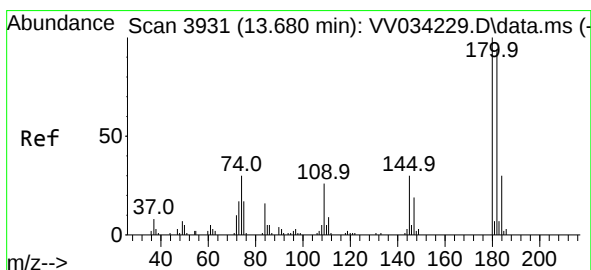
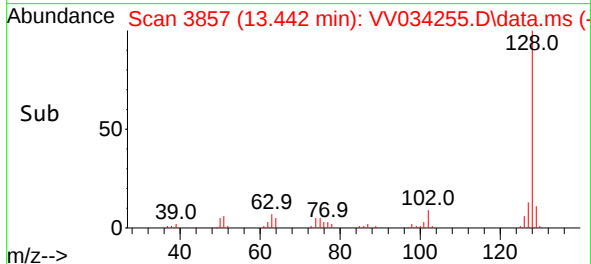
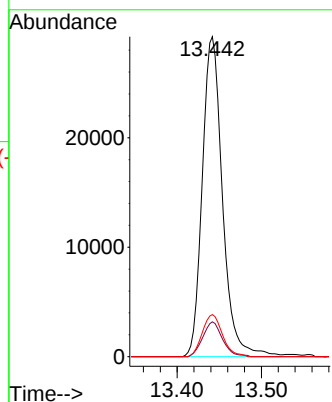
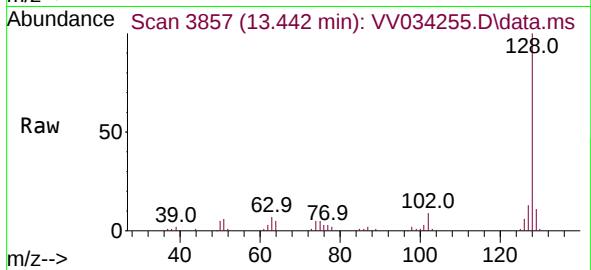




#71
Naphthalene
Concen: 5.577 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.003 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 48833
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.427 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV034255.D
Acq: 19 Feb 2024 19:59

Tgt Ion:180 Resp: 29057
Ion Ratio Lower Upper
180 100
182 95.5 75.0 112.6
145 32.4 25.2 37.8

