

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
 Data File : VW034257.D
 Acq On : 20 Feb 2024 09:32
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 21 01:35:05 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	79841	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	71837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	37478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	25224	4.079	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.536	69	22696	4.190	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.060	65	12824	4.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	3.841	46	14115	13.592	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	27.180%#
24) Chloroform-d	4.249	84	52325	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	4.944	65	24545	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	4.960	84	92798	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	5.989	67	24183	4.014	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.240	98	87357	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.555	79	9158	4.026	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.030	63	30298	37.308	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.620%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	14666	4.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	28986	4.253	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	30585	4.180	ug/L	99
3) Chloromethane	1.217	50	34212	4.287	ug/L	99
5) Vinyl chloride	1.285	62	34908	4.577	ug/L	95
6) Bromomethane	1.491	94	15987	3.981	ug/L	99
8) Chloroethane	1.552	64	22566	4.337	ug/L	95
9) Trichlorofluoromethane	1.716	101	62347	5.673	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	32001	5.570	ug/L	98
12) 1,1-Dichloroethene	2.069	96	29790	5.341	ug/L	98
13) Acetone	2.394	43	5779	7.335	ug/L	87
14) Carbon disulfide	2.240	76	87721	4.861	ug/L	98
15) Methyl Acetate	2.394	43	6186	3.318	ug/L	98
16) Methylene chloride	2.449	84	28025	5.237	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	56580	4.937	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	28891	5.086	ug/L	96
19) 1,1-Dichloroethane	3.111	63	53514	5.126	ug/L	98
21) 2-Butanone	3.912	43	41442	39.804	ug/L	90
22) cis-1,2-Dichloroethene	3.815	96	29982	4.652	ug/L	98
23) Bromochloromethane	4.153	128	11279	5.034	ug/L	84
25) Chloroform	4.275	83	54969	5.209	ug/L	96

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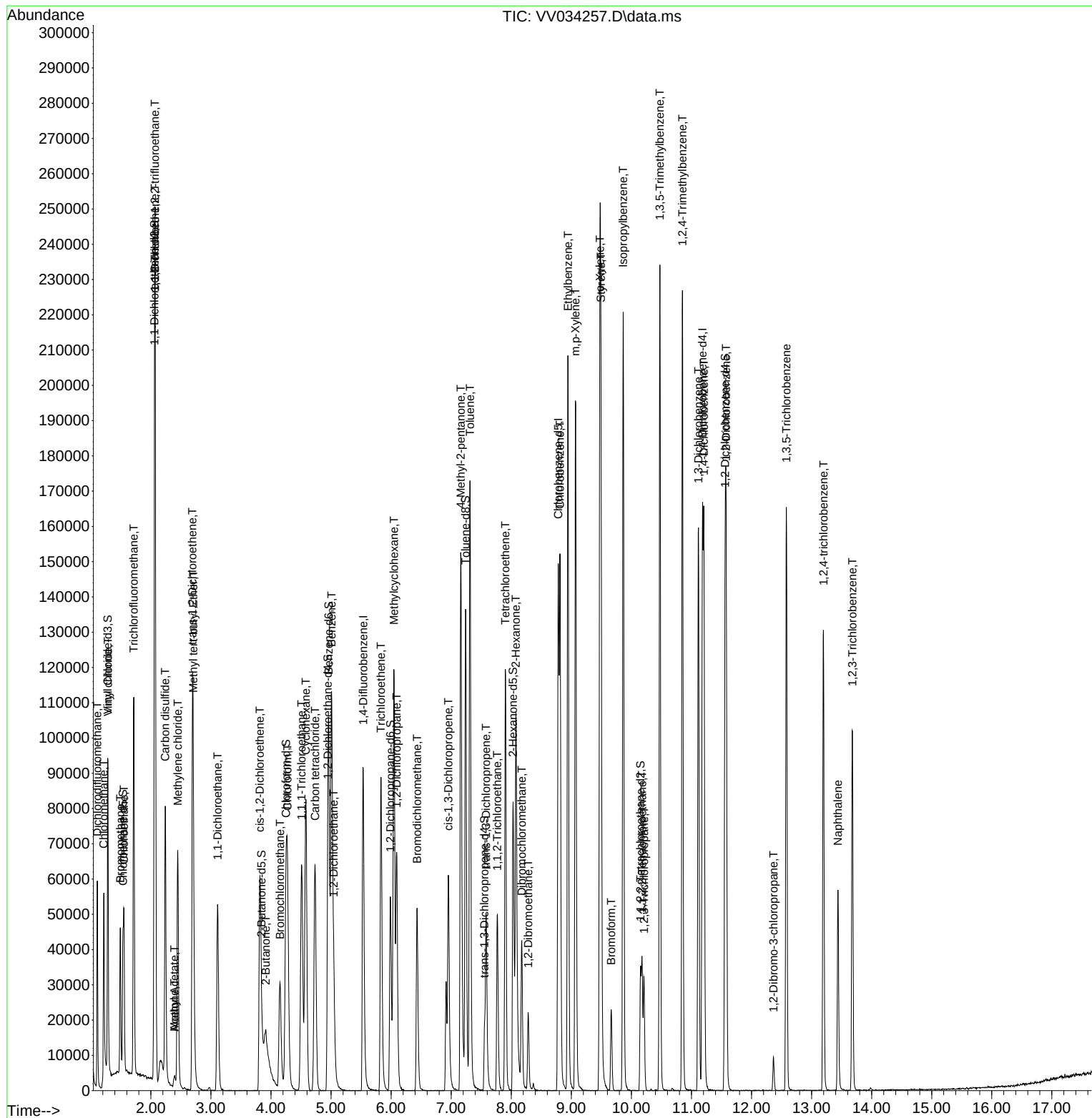
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	31635	5.236	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	54798	5.682	ug/L	98
30) Cyclohexane	4.580	56	44977	4.795	ug/L	94
31) Carbon tetrachloride	4.735	117	49390	5.853	ug/L	99
33) Benzene	5.008	78	113623	5.273	ug/L	100
34) Trichloroethene	5.831	95	30908	4.957	ug/L	98
35) Methylcyclohexane	6.047	83	49275	5.034	ug/L	97
37) 1,2-Dichloropropane	6.092	63	25683	4.921	ug/L #	96
38) Bromodichloromethane	6.432	83	34995	5.108	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	37205	4.685	ug/L	96
40) 4-Methyl-2-pentanone	7.159	43	112604	45.055	ug/L	97
42) Toluene	7.313	91	124140	5.391	ug/L	95
44) trans-1,3-Dichloropropene	7.580	75	29575	4.850	ug/L	96
45) 1,1,2-Trichloroethane	7.767	97	15159	4.704	ug/L	95
47) Tetrachloroethene	7.902	164	25249	4.983	ug/L	97
48) 2-Hexanone	8.079	43	76661	43.515	ug/L	95
49) Dibromochloromethane	8.175	129	20063	5.239	ug/L	95
50) 1,2-Dibromoethane	8.281	107	13863	4.792	ug/L #	90
51) Chlorobenzene	8.812	112	77946	5.354	ug/L	99
52) Ethylbenzene	8.944	91	141295	5.330	ug/L	100
53) m,p-Xylene	9.069	106	52964	5.288	ug/L	97
54) o-Xylene	9.477	106	52005	5.384	ug/L	99
55) Styrene	9.493	104	81855	5.293	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	16364	4.811	ug/L	97
59) Bromoform	9.664	173	10038	4.862	ug/L	100
60) Isopropylbenzene	9.863	105	137029	4.941	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	12159	4.719	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	120518	5.141	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	118537	5.204	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	63960	5.290	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	60146	5.023	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	53866	5.187	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	2487	4.606	ug/L	89
69) 1,3,5-Trichlorobenzene	12.580	180	49007	5.237	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	37804	5.175	ug/L	98
71) Naphthalene	13.439	128	45353	4.738	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	30151	5.151	ug/L	98

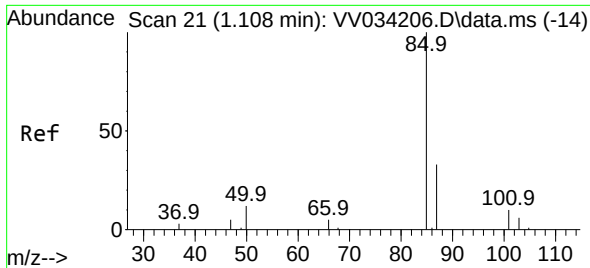
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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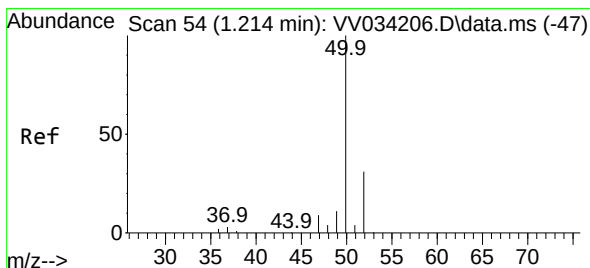
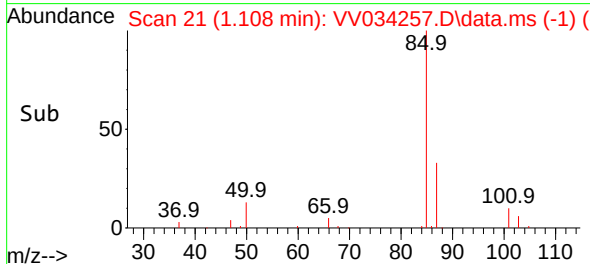
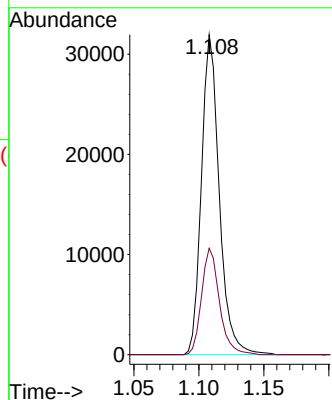
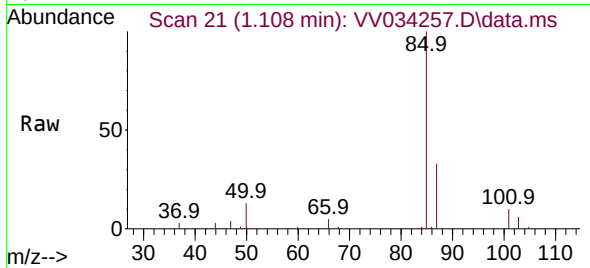




#2
Dichlorodifluoromethane
Concen: 4.180 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

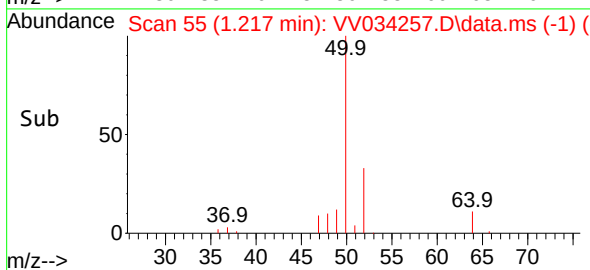
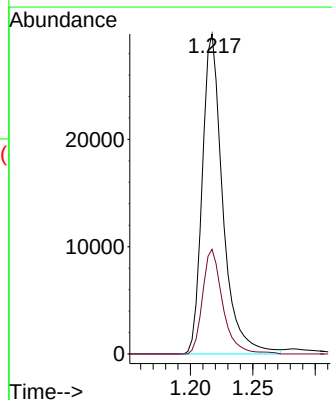
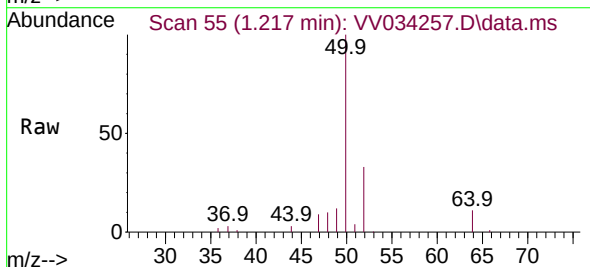
Instrument :
MSVOA_V
ClientSampleId :

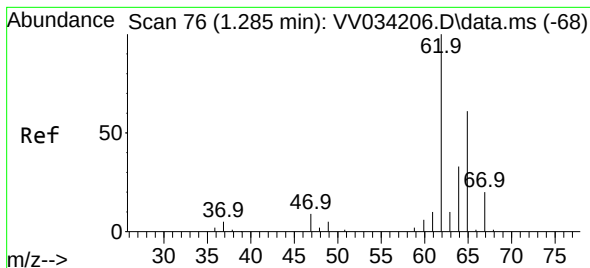
Tgt Ion: 85 Resp: 30585
Ion Ratio Lower Upper
85 100
87 33.3 26.2 39.4



#3
Chloromethane
Concen: 4.287 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

Tgt Ion: 50 Resp: 34212
Ion Ratio Lower Upper
50 100
52 32.7 23.4 43.4





#5

Vinyl chloride

Concen: 4.577 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

Instrument :

MSVOA_V

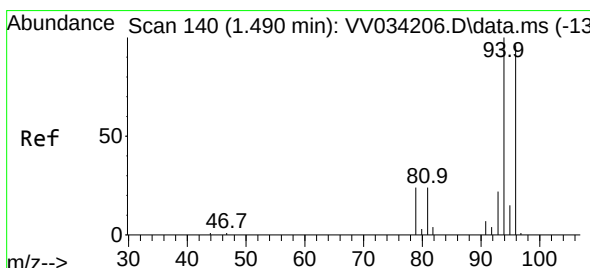
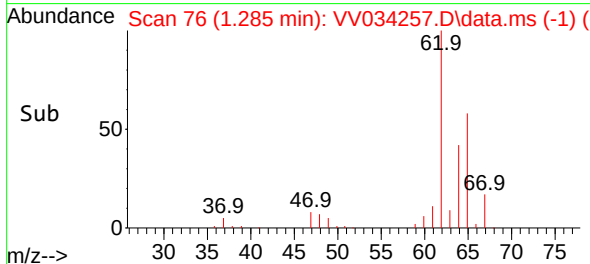
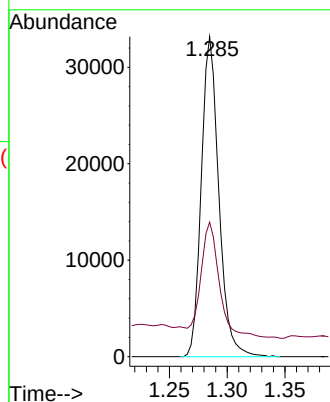
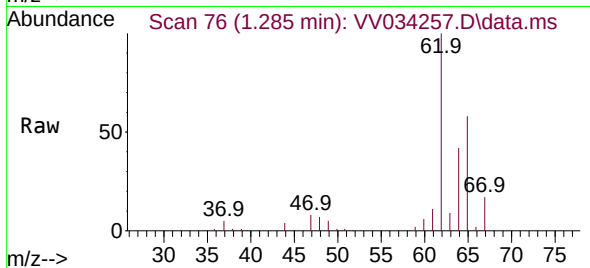
ClientSampleId :

Tgt Ion: 62 Resp: 34908

Ion Ratio Lower Upper

62 100

64 42.1 27.2 50.4



#6

Bromomethane

Concen: 3.981 ug/L

RT: 1.491 min Scan# 140

Delta R.T. -0.000 min

Lab File: VV034257.D

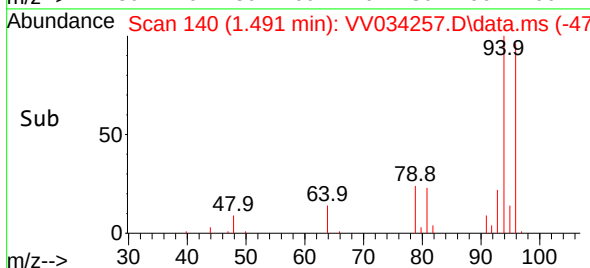
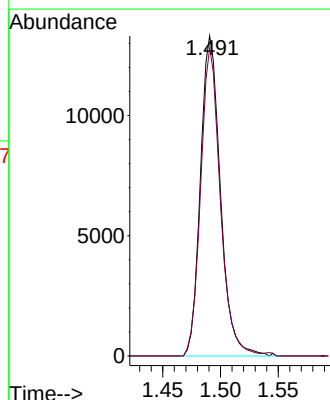
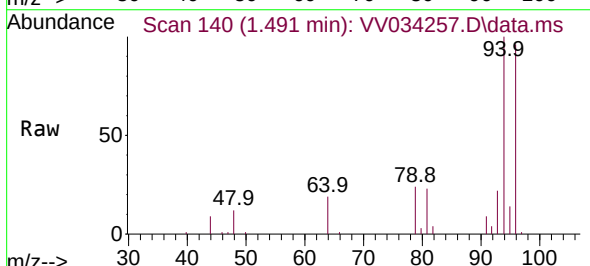
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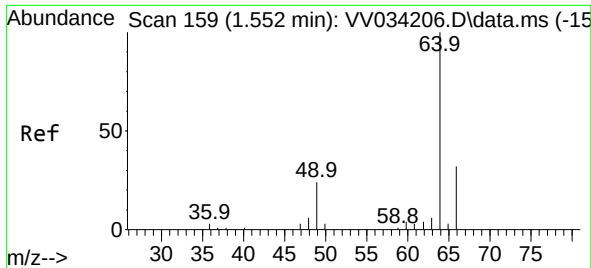
Tgt Ion: 94 Resp: 15987

Ion Ratio Lower Upper

94 100

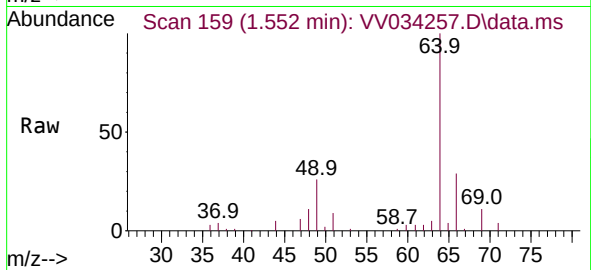
96 96.2 66.6 123.8



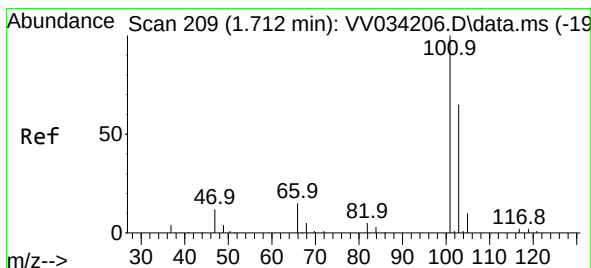
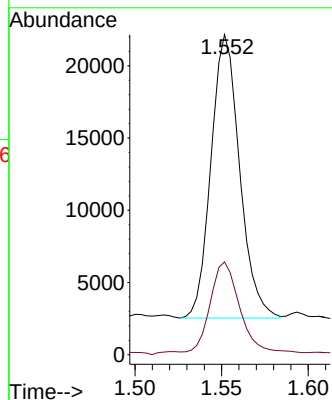
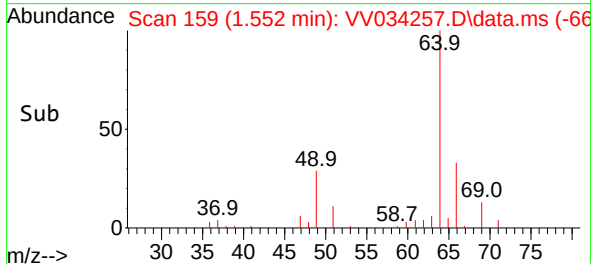


#8
Chloroethane
Concen: 4.337 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

Instrument :
MSVOA_V
ClientSampleId :

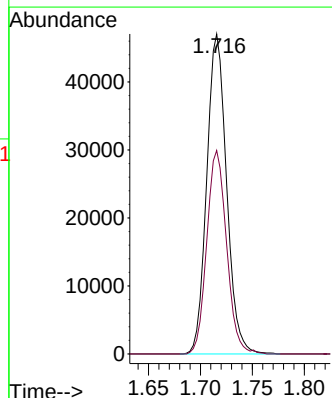
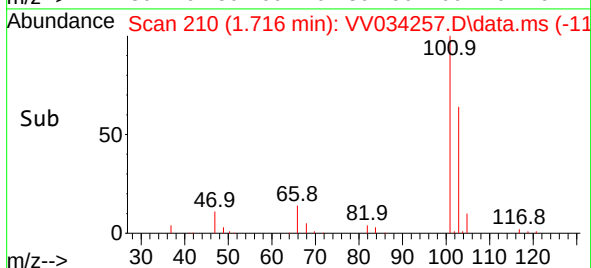
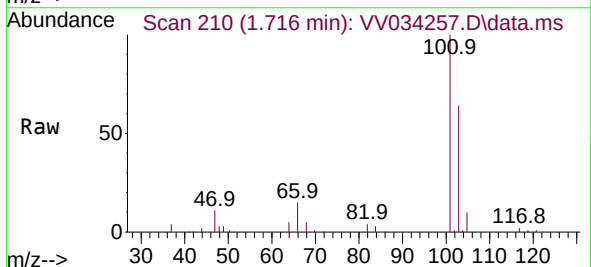


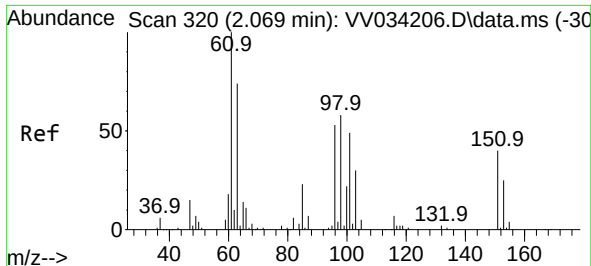
Tgt Ion: 64 Resp: 22566
Ion Ratio Lower Upper
64 100
66 29.0 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.673 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

Tgt Ion:101 Resp: 62347
Ion Ratio Lower Upper
101 100
103 63.5 51.0 76.4

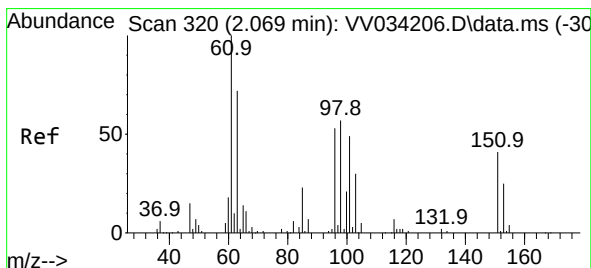
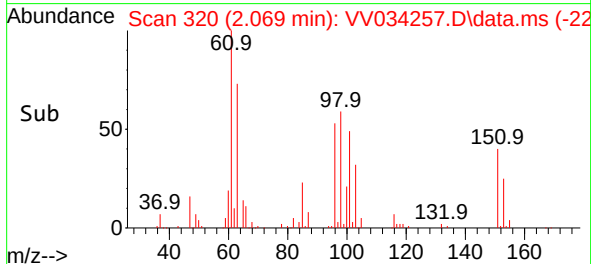
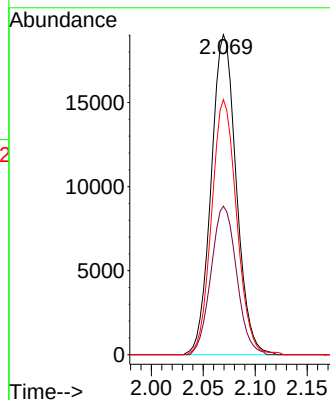
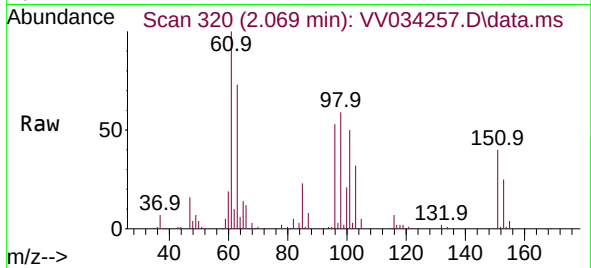




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.570 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034257.D
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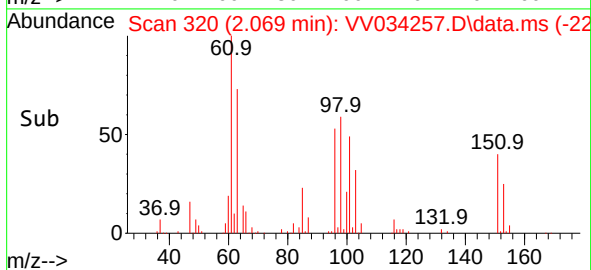
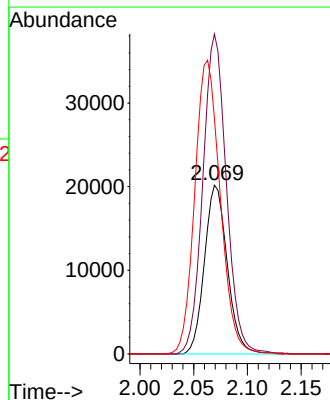
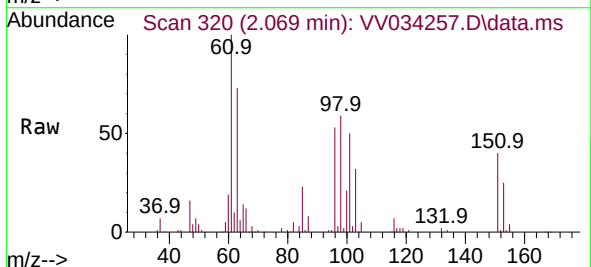
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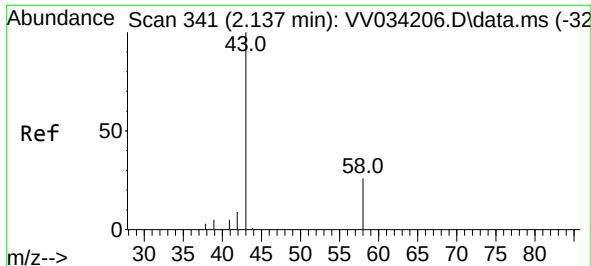
Tgt Ion:101 Resp: 32001
 Ion Ratio Lower Upper
 101 100
 85 47.2 37.1 55.7
 151 79.5 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.341 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034257.D
 Acq: 20 Feb 2024 09:32

Tgt Ion: 96 Resp: 29790
 Ion Ratio Lower Upper
 96 100
 61 189.5 128.8 239.2
 63 139.3 97.9 181.9





#13

Acetone

Concen: 7.335 ug/L

RT: 2.394 min Scan# 41

Delta R.T. 0.238 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

Instrument :

MSVOA_V

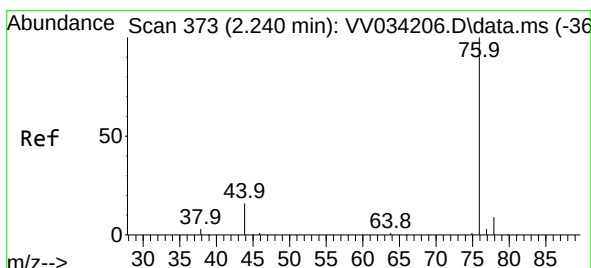
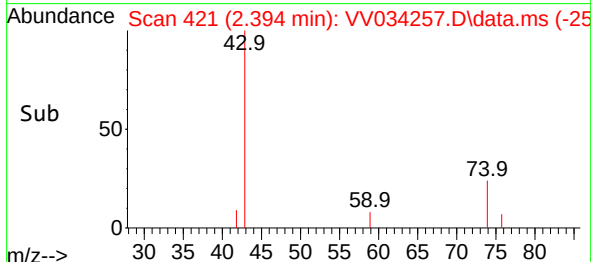
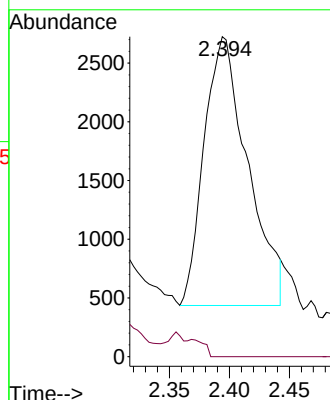
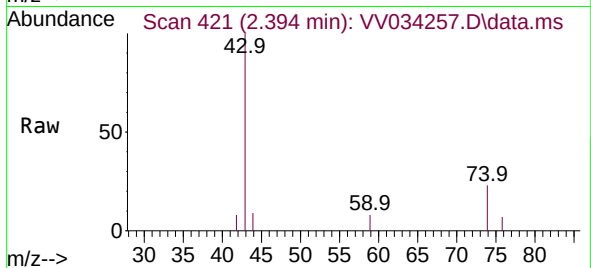
ClientSampleId :

Tgt Ion: 43 Resp: 5779

Ion Ratio Lower Upper

43 100

58 2.5 0.0 13.8



#14

Carbon disulfide

Concen: 4.861 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034257.D

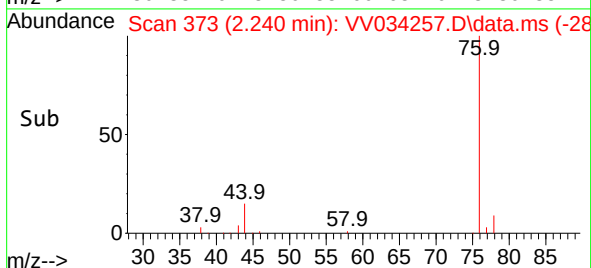
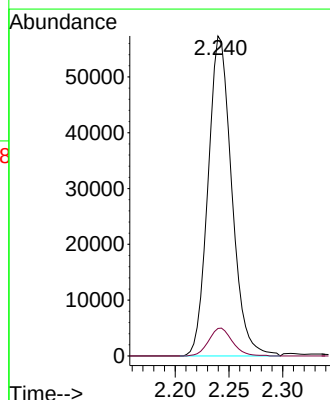
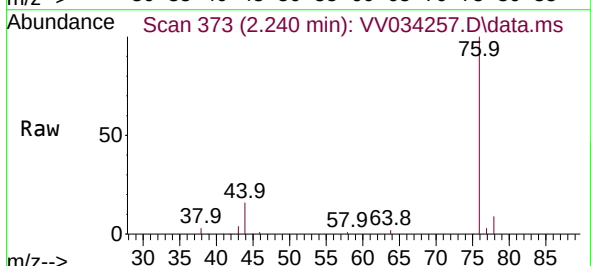
Acq: 20 Feb 2024 09:32

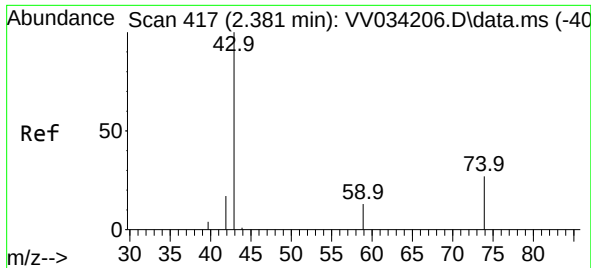
Tgt Ion: 76 Resp: 87721

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3

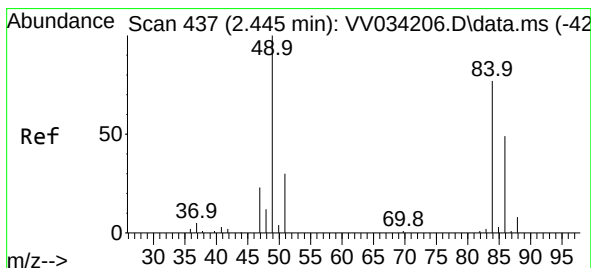
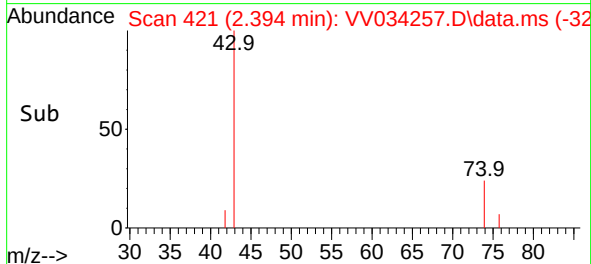
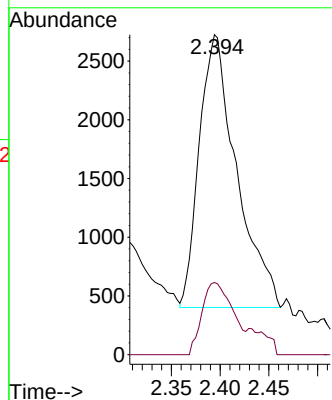
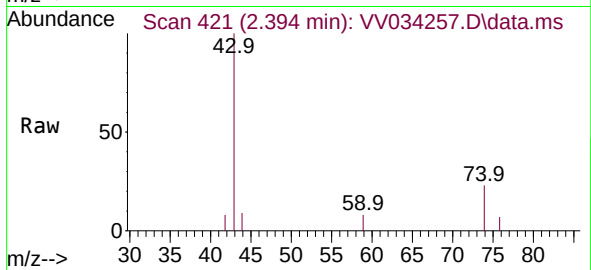




#15
Methyl Acetate
Concen: 3.318 ug/L
RT: 2.394 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

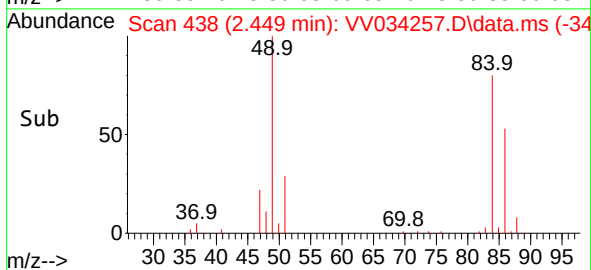
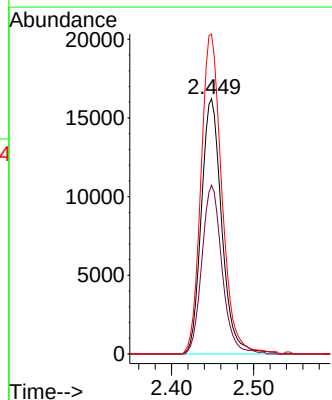
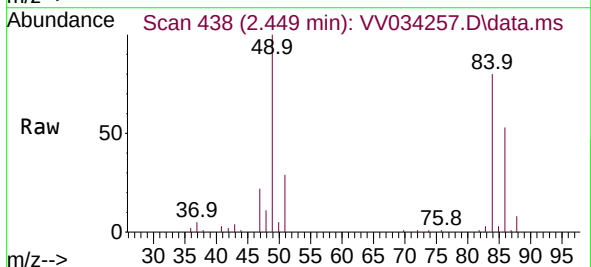
Instrument :
MSVOA_V
ClientSampleId :

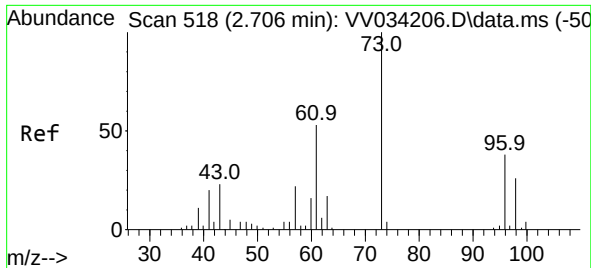
Tgt Ion: 43 Resp: 6186
Ion Ratio Lower Upper
43 100
74 22.0 18.2 27.4



#16
Methylene chloride
Concen: 5.237 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

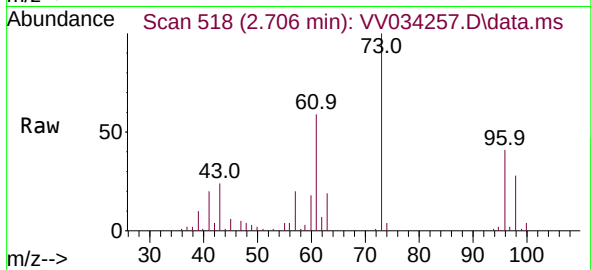
Tgt Ion: 84 Resp: 28025
Ion Ratio Lower Upper
84 100
86 66.2 44.7 83.1
49 125.4 93.7 173.9



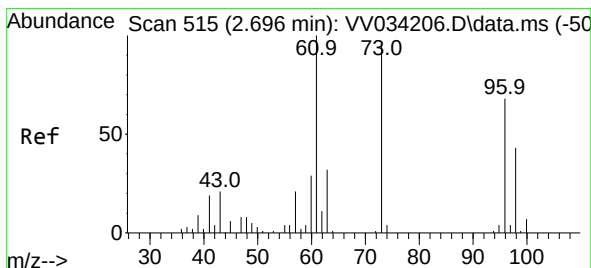
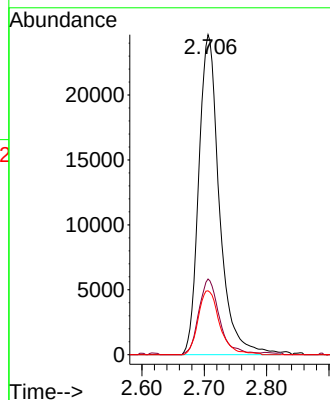
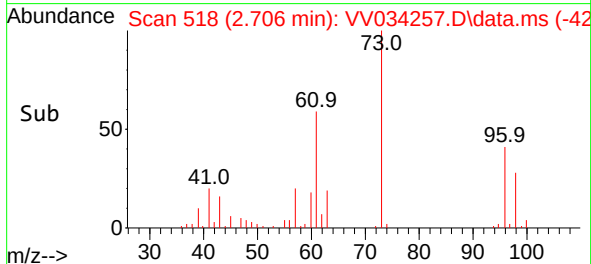


#17
Methyl tert-butyl Ether
Concen: 4.937 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

Instrument :
MSVOA_V
ClientSampleId :

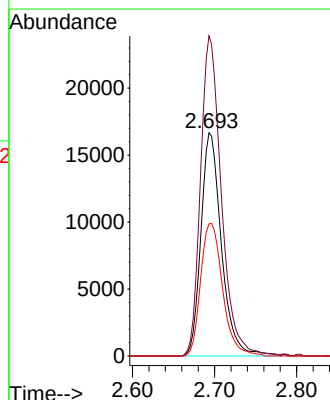
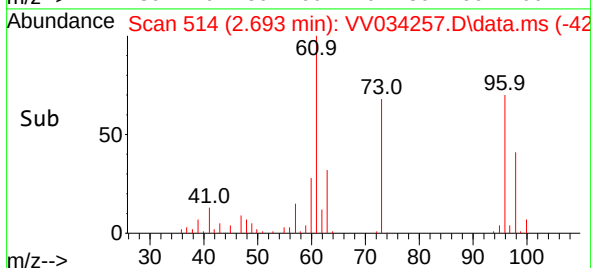
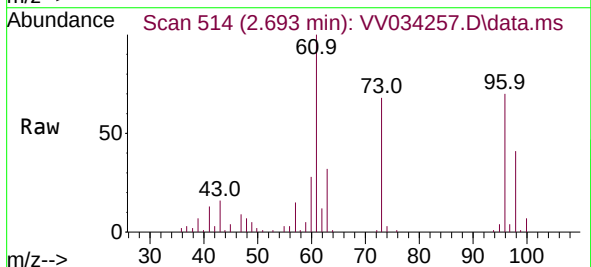


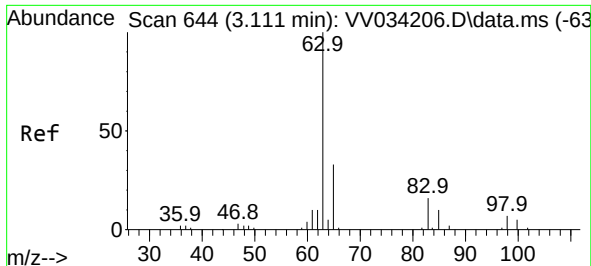
Tgt Ion: 73	Resp: 56580
Ion Ratio	Lower Upper
73 100	
43 23.8	17.7 26.5
57 20.9	17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.086 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

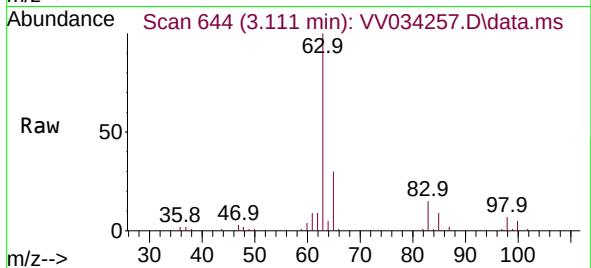
Tgt Ion: 96	Resp: 28891
Ion Ratio	Lower Upper
96 100	
61 143.3	97.6 181.4
98 59.2	44.4 82.5



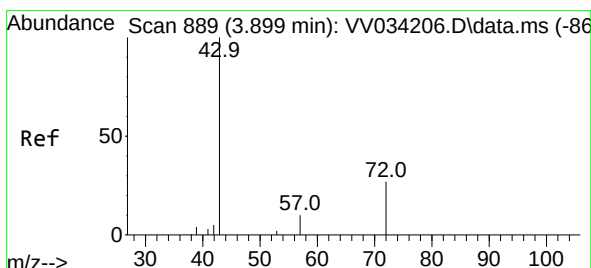
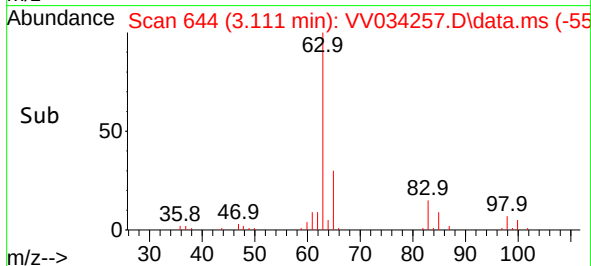
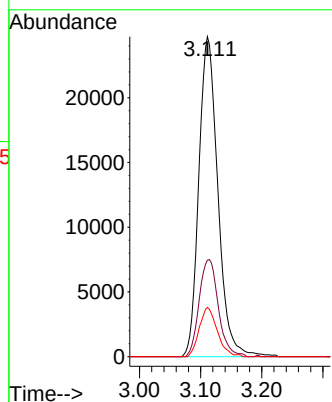


#19
1,1-Dichloroethane
Concen: 5.126 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

Instrument :
MSVOA_V
ClientSampleId :

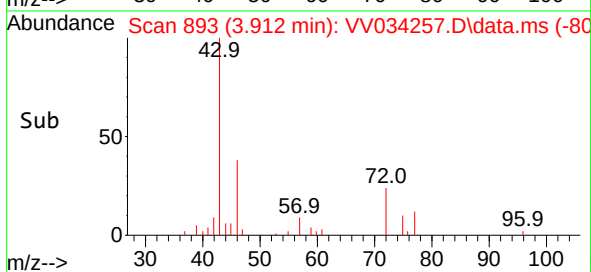
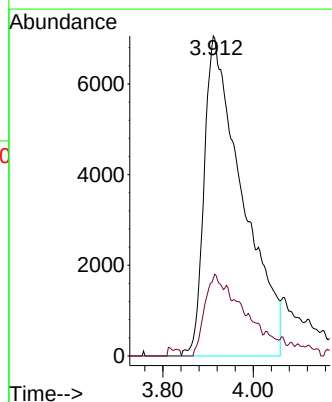
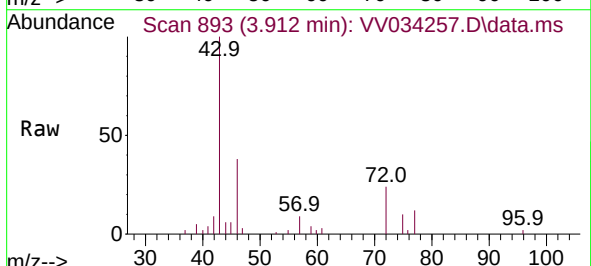


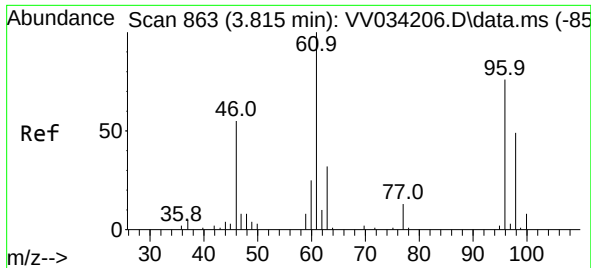
Tgt Ion:	63	Resp:	53514
Ion	Ratio	Lower	Upper
63	100		
65	30.2	20.8	38.6
83	15.4	9.4	17.4



#21
2-Butanone
Concen: 39.804 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.006 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

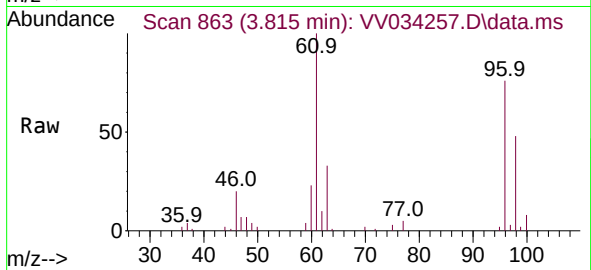
Tgt Ion:	43	Resp:	41442
Ion	Ratio	Lower	Upper
43	100		
72	11.5	4.0	11.9





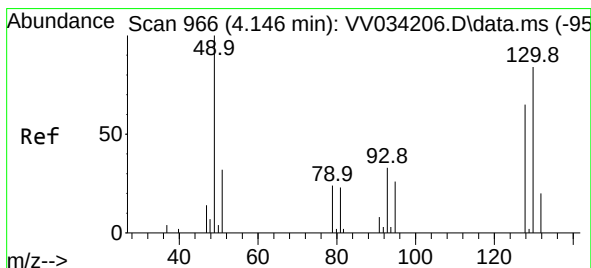
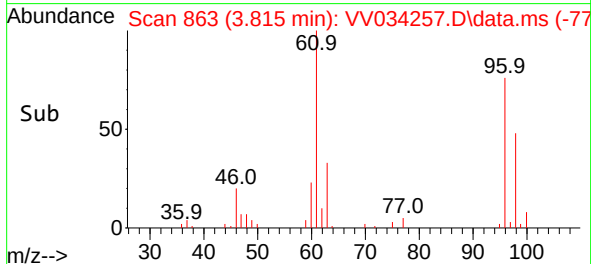
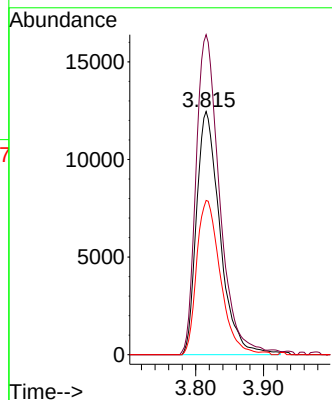
#22
 cis-1,2-Dichloroethene
 Concen: 4.652 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VV034257.D
 Acq: 20 Feb 2024 09:32

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 29982

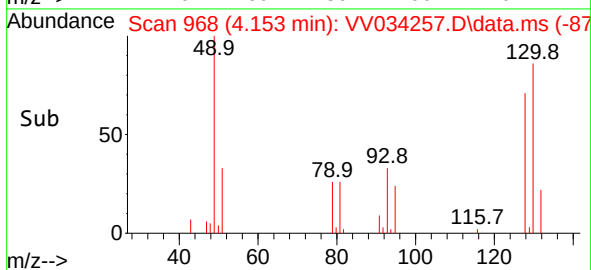
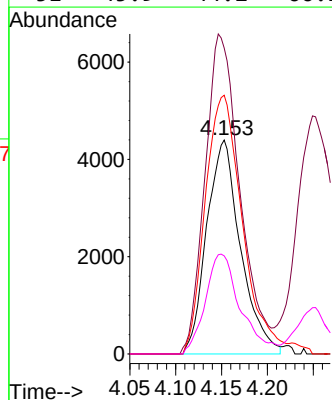
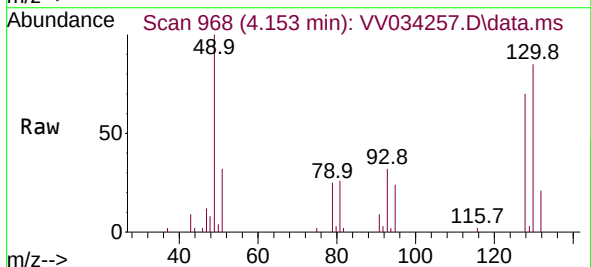
Ion	Ratio	Lower	Upper
96	100		
61	131.6	90.3	167.7
98	63.4	43.2	80.2

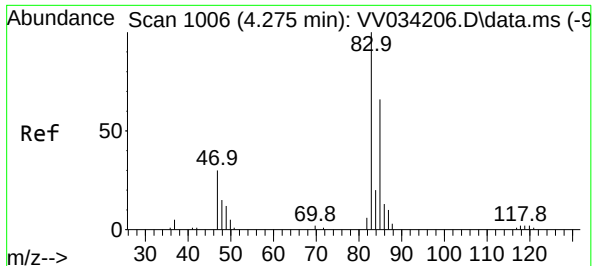


#23
 Bromochloromethane
 Concen: 5.034 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.003 min
 Lab File: VV034257.D
 Acq: 20 Feb 2024 09:32

Tgt Ion: 128 Resp: 11279

Ion	Ratio	Lower	Upper
128	100		
49	143.0	120.5	223.7
130	120.9	93.4	173.4
51	45.9	44.2	66.2

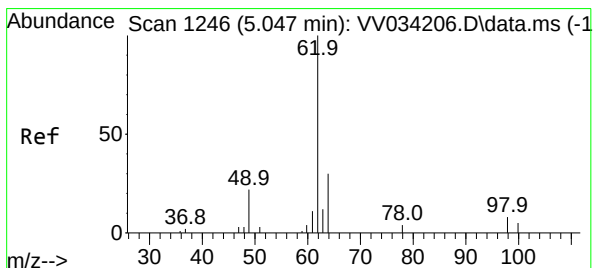
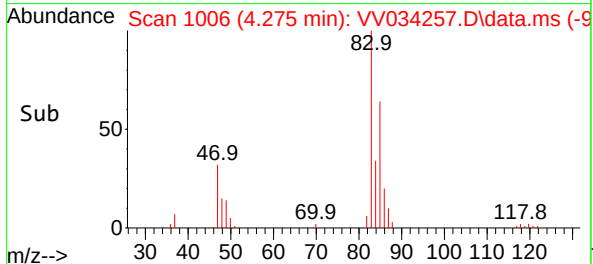
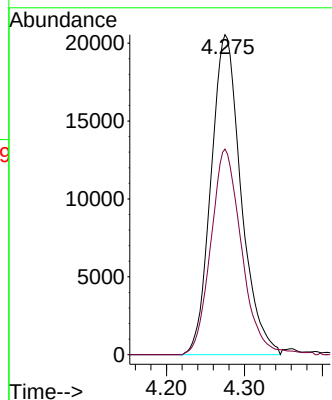
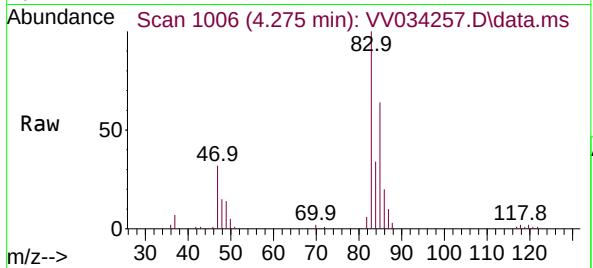




#25
Chloroform
Concen: 5.209 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

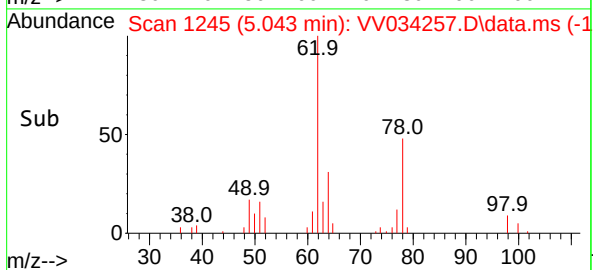
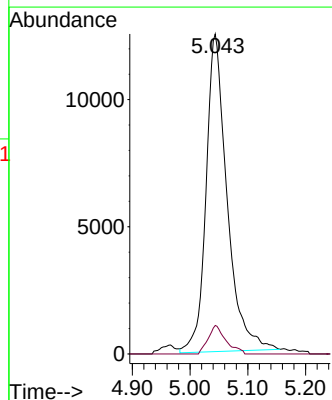
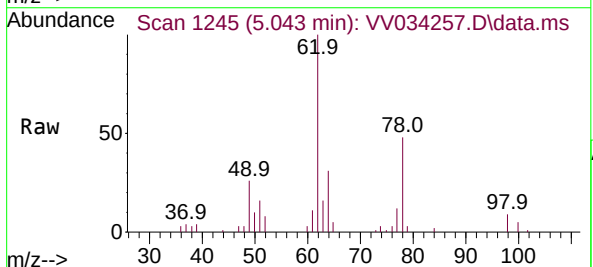
Instrument :
MSVOA_V
ClientSampleId :

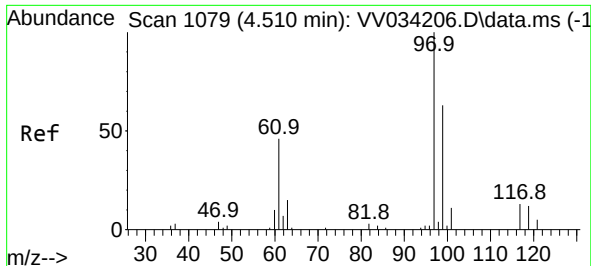
Tgt Ion: 83 Resp: 54969
Ion Ratio Lower Upper
83 100
85 64.2 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.236 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

Tgt Ion: 62 Resp: 31635
Ion Ratio Lower Upper
62 100
98 8.9 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.682 ug/L

RT: 4.510 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

Instrument :

MSVOA_V

ClientSampleId :

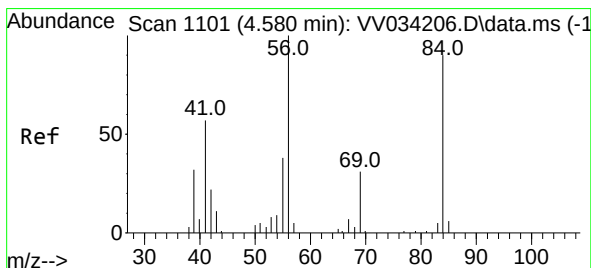
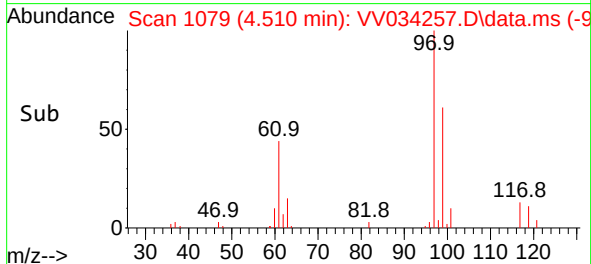
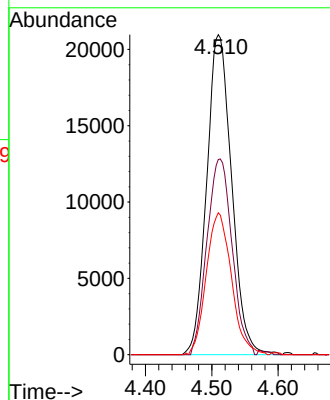
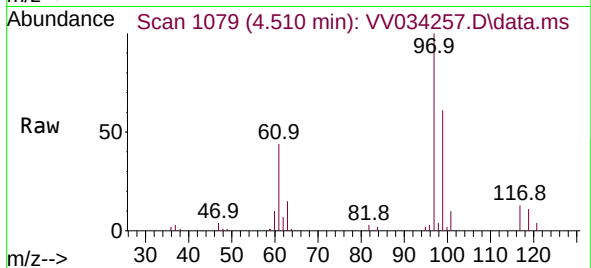
Tgt Ion: 97 Resp: 54798

Ion Ratio Lower Upper

97 100

99 61.8 50.6 75.8

61 44.6 36.8 55.2



#30

Cyclohexane

Concen: 4.795 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

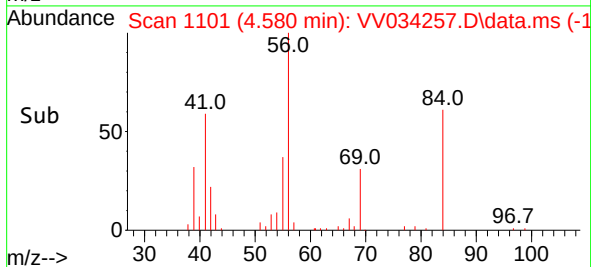
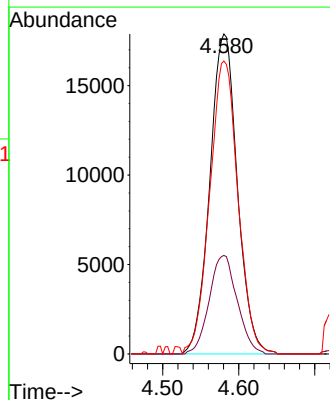
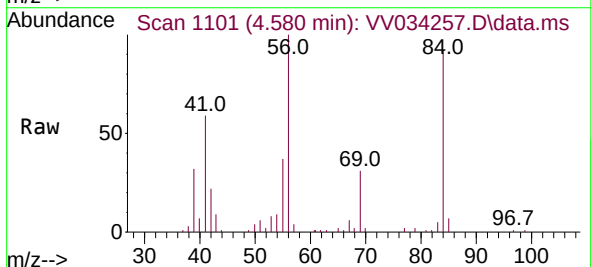
Tgt Ion: 56 Resp: 44977

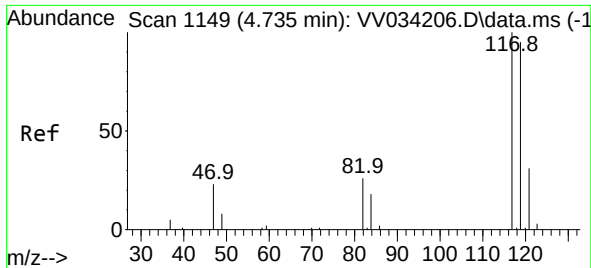
Ion Ratio Lower Upper

56 100

69 31.3 24.2 36.2

84 94.1 70.0 105.0

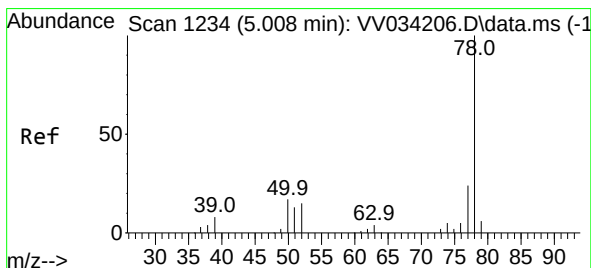
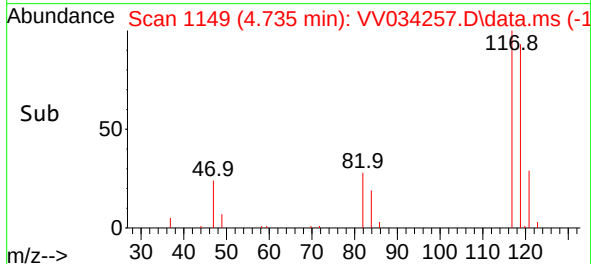
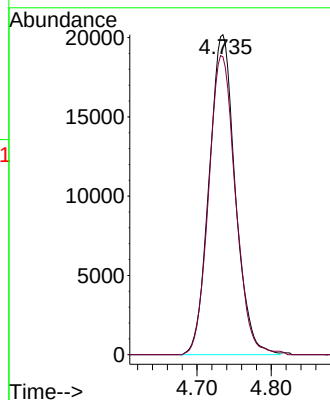
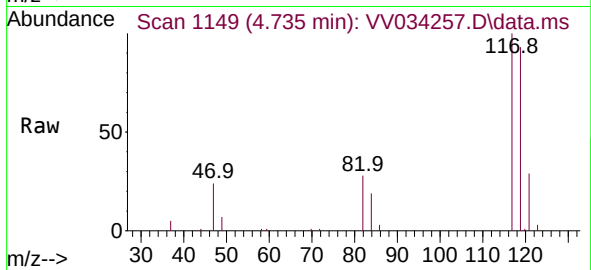




#31
Carbon tetrachloride
Concen: 5.853 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

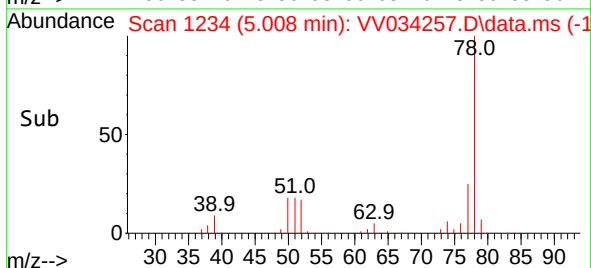
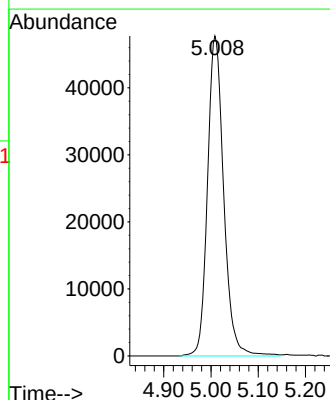
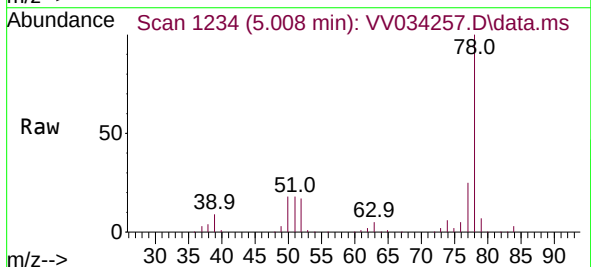
Instrument :
MSVOA_V
ClientSampleId :

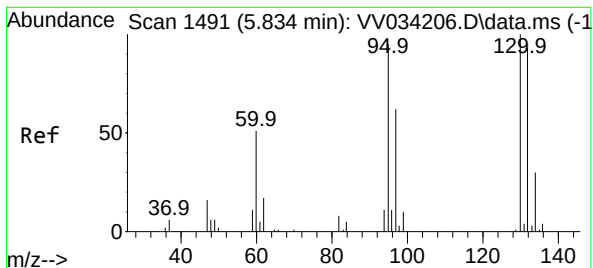
Tgt Ion:117 Resp: 49390
Ion Ratio Lower Upper
117 100
119 95.8 76.1 114.1



#33
Benzene
Concen: 5.273 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

Tgt Ion: 78 Resp: 113623





#34

Trichloroethene

Concen: 4.957 ug/L

RT: 5.831 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 30908

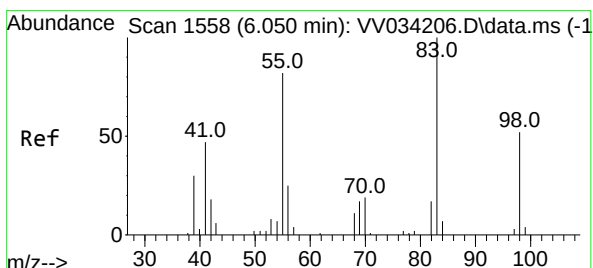
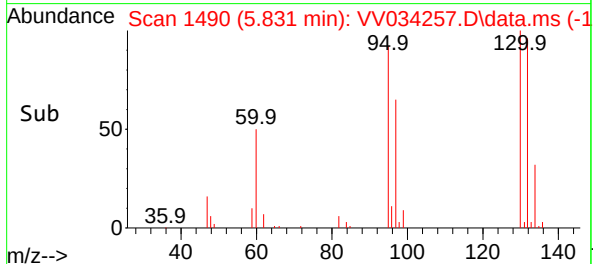
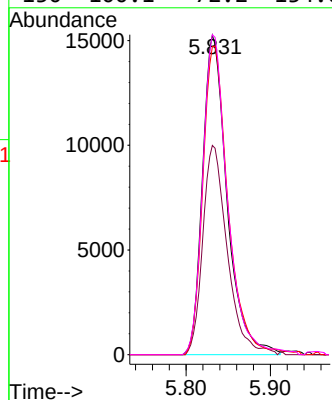
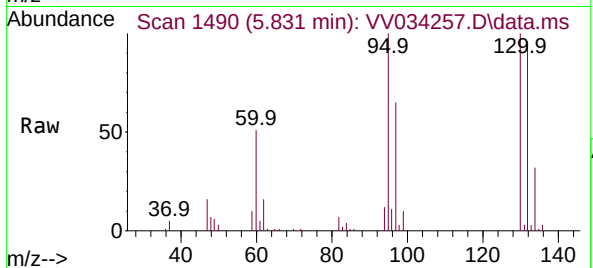
Ion Ratio Lower Upper

95 100

97 65.5 45.1 83.7

132 96.4 66.0 122.6

130 100.1 72.2 134.0



#35

Methylcyclohexane

Concen: 5.034 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

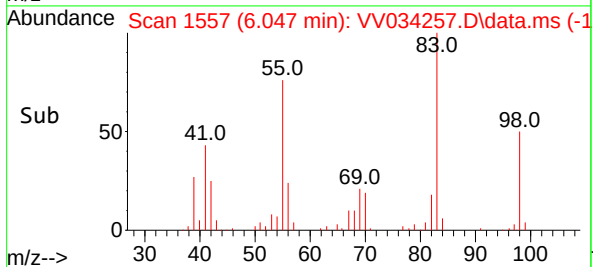
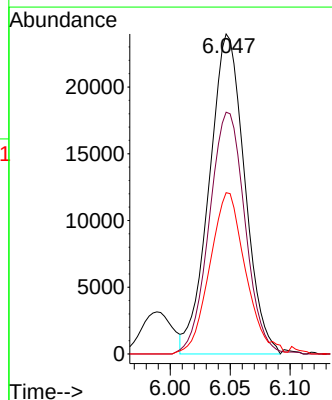
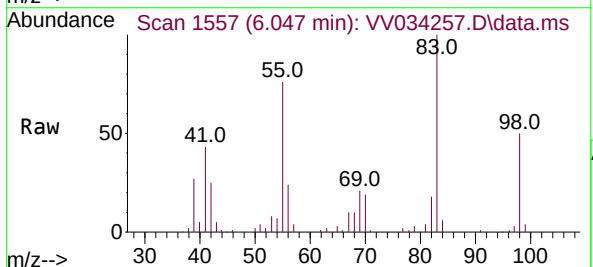
Tgt Ion: 83 Resp: 49275

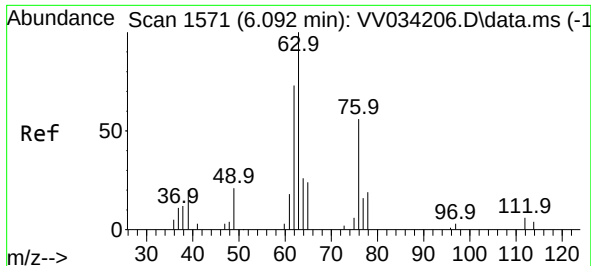
Ion Ratio Lower Upper

83 100

55 76.3 63.5 95.3

98 50.8 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.921 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

Instrument :

MSVOA_V

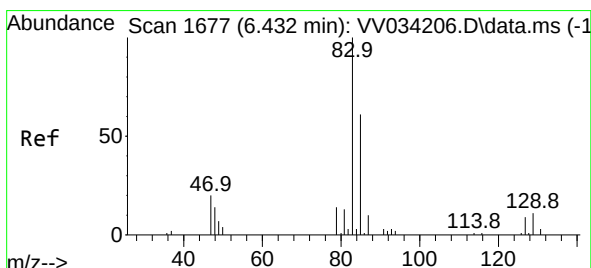
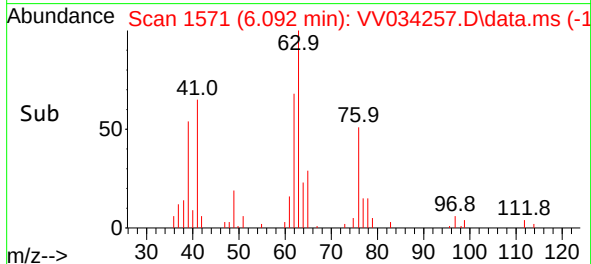
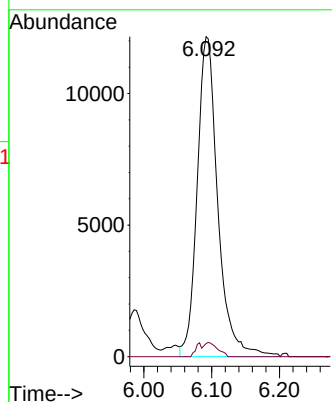
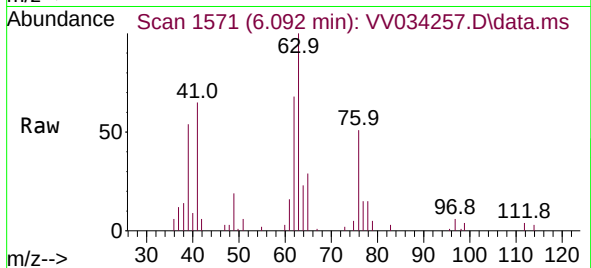
ClientSampleId :

Tgt Ion: 63 Resp: 25683

Ion Ratio Lower Upper

63 100

112 2.9 3.4 5.0#



#38

Bromodichloromethane

Concen: 5.108 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

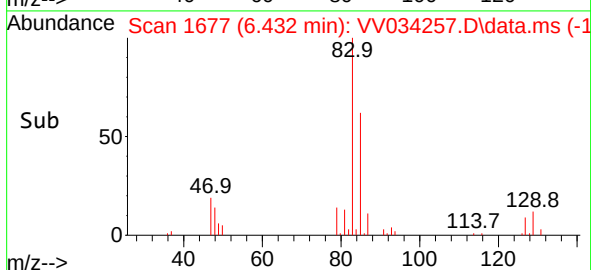
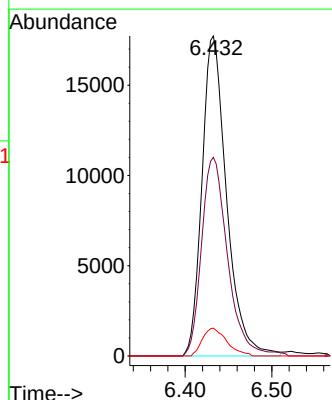
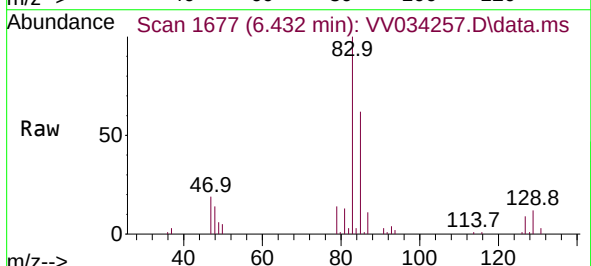
Tgt Ion: 83 Resp: 34995

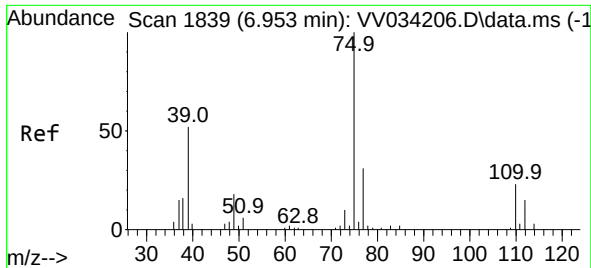
Ion Ratio Lower Upper

83 100

85 62.0 45.4 84.2

127 8.7 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.685 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.000 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

Instrument :

MSVOA_V

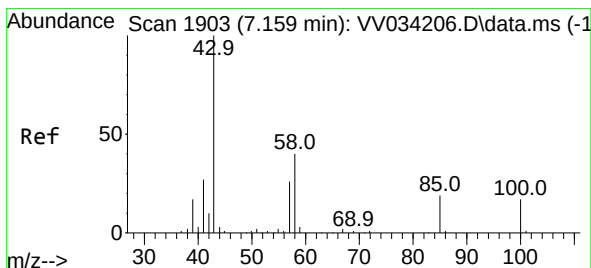
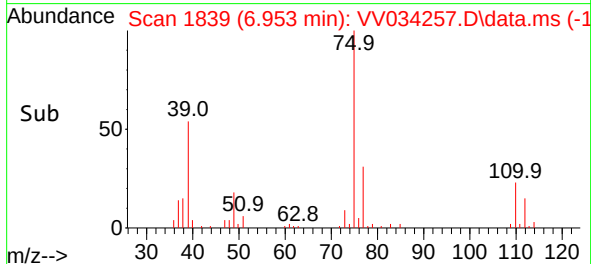
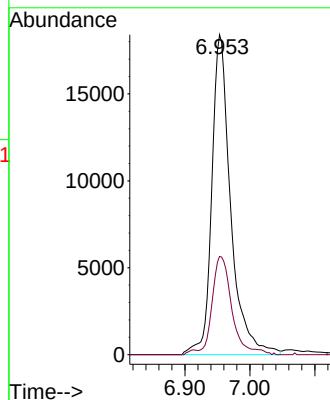
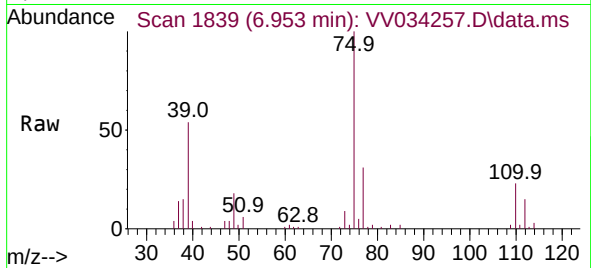
ClientSampleId :

Tgt Ion: 75 Resp: 37205

Ion Ratio Lower Upper

75 100

77 30.7 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 45.055 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

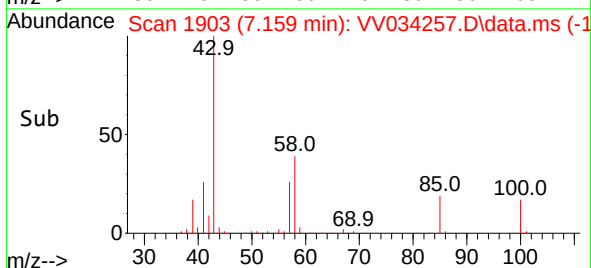
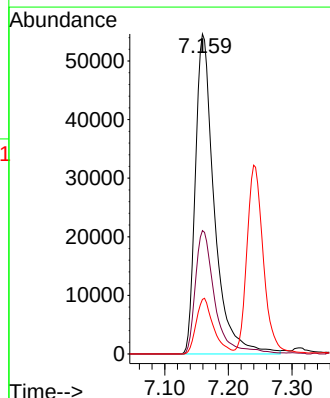
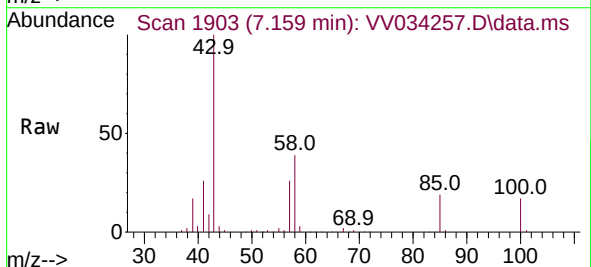
Tgt Ion: 43 Resp: 112604

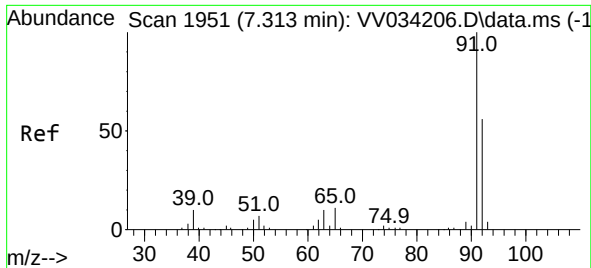
Ion Ratio Lower Upper

43 100

58 39.7 30.2 45.2

100 15.9 12.1 18.1





#42

Toluene

Concen: 5.391 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

Instrument :

MSVOA_V

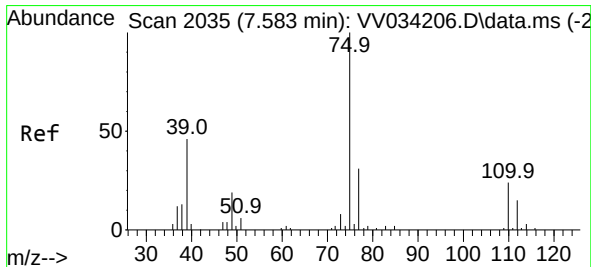
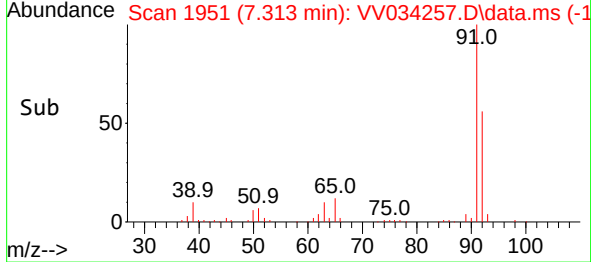
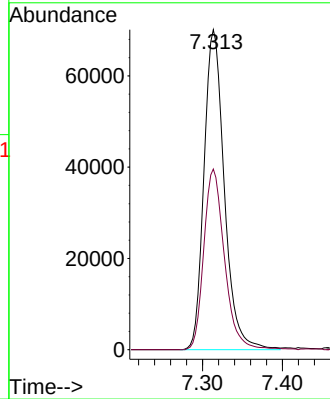
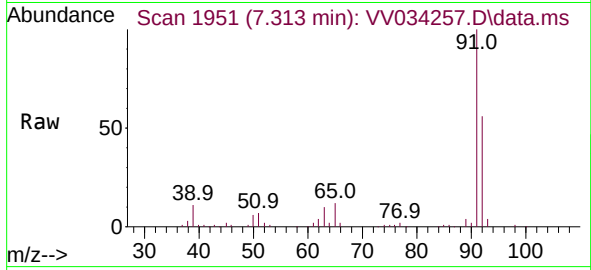
ClientSampleId :

Tgt Ion: 91 Resp: 124140

Ion Ratio Lower Upper

91 100

92 56.4 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.850 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.003 min

Lab File: VV034257.D

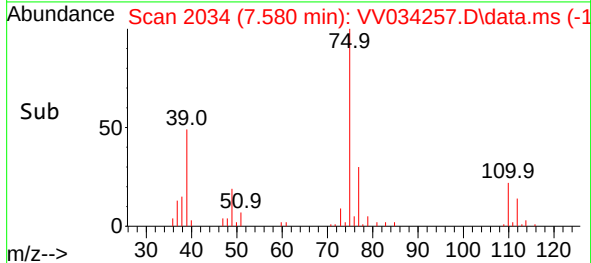
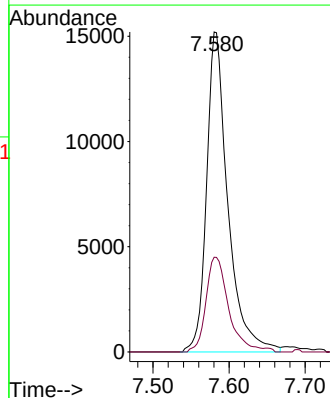
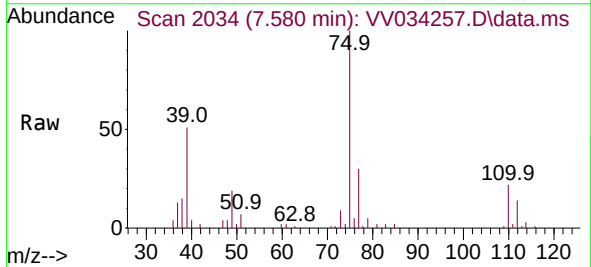
Acq: 20 Feb 2024 09:32

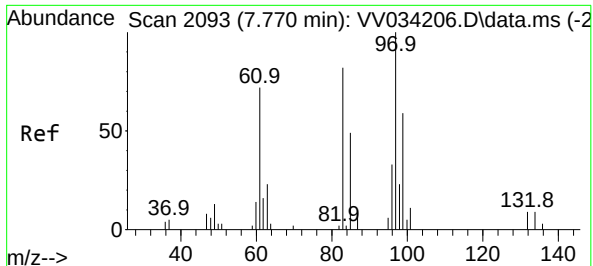
Tgt Ion: 75 Resp: 29575

Ion Ratio Lower Upper

75 100

77 29.6 22.2 41.2

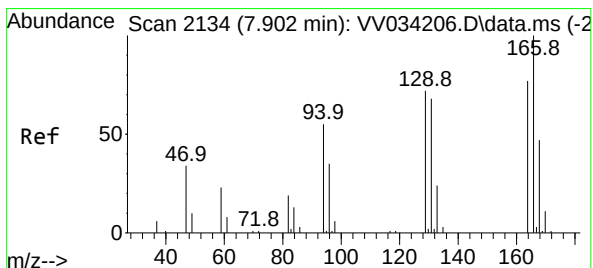
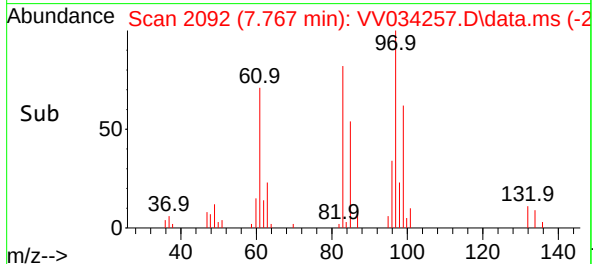
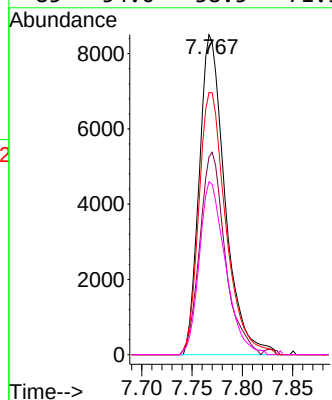
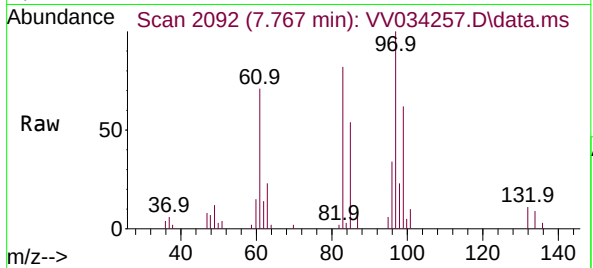




#45
1,1,2-Trichloroethane
Concen: 4.704 ug/L
RT: 7.767 min Scan# 2093
Delta R.T. -0.003 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

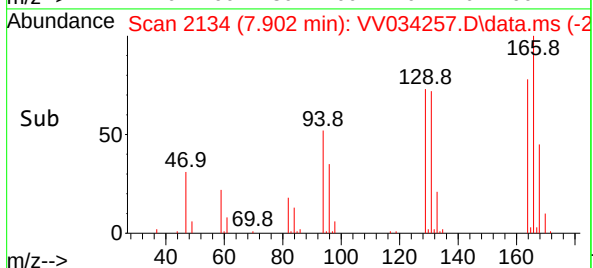
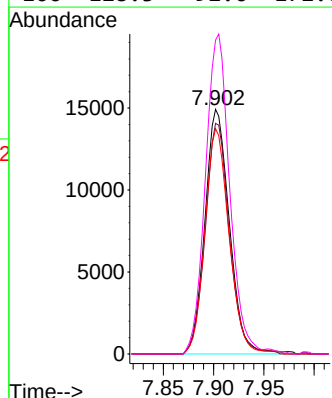
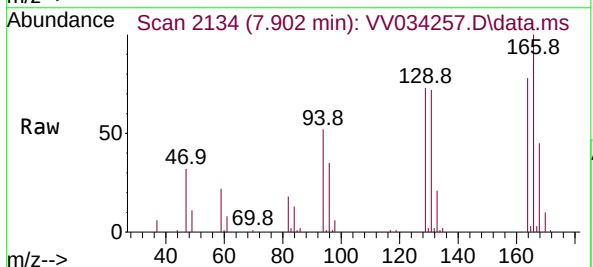
Instrument :
MSVOA_V
ClientSampleId :

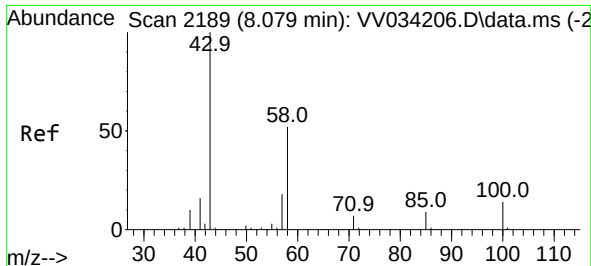
Tgt Ion: 97	Resp: 15159
Ion Ratio	Lower Upper
97 100	
99 61.8	45.6 84.6
83 81.9	62.3 115.7
85 54.0	38.5 71.5



#47
Tetrachloroethene
Concen: 4.983 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

Tgt Ion: 164	Resp: 25249
Ion Ratio	Lower Upper
164 100	
129 94.3	67.8 125.8
131 92.1	63.0 117.0
166 128.3	92.6 172.0

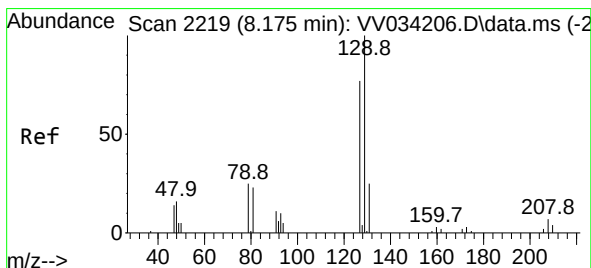
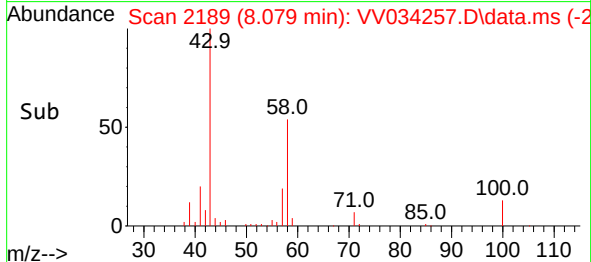
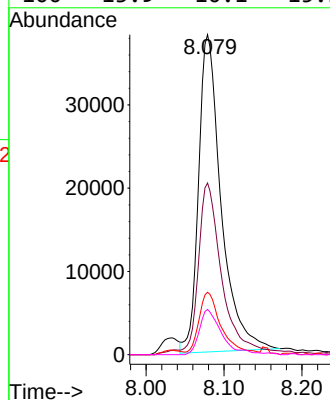
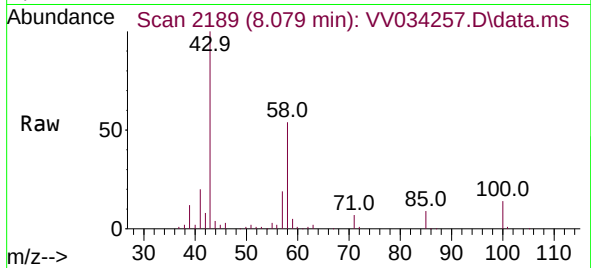




#48
2-Hexanone
Concen: 43.515 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

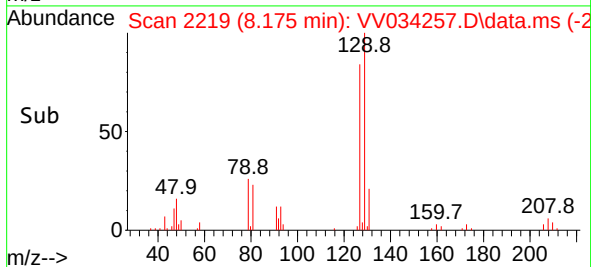
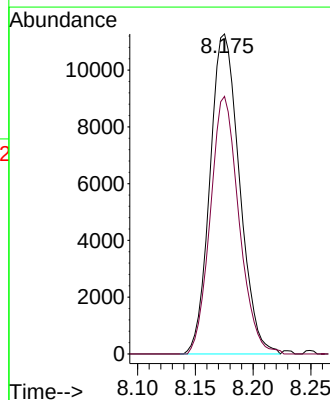
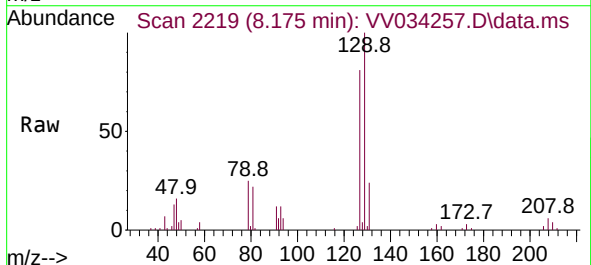
Instrument :
MSVOA_V
ClientSampleId :

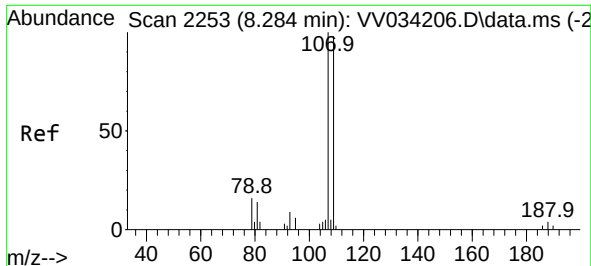
Tgt Ion:	43	Resp:	76661
Ion	Ratio	Lower	Upper
43	100		
58	57.8	42.6	64.0
57	19.6	15.5	23.3
100	13.9	10.1	15.1



#49
Dibromochloromethane
Concen: 5.239 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

Tgt Ion:	129	Resp:	20063
Ion	Ratio	Lower	Upper
129	100		
127	80.5	53.5	99.5





#50

1,2-Dibromoethane

Concen: 4.792 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

Instrument :

MSVOA_V

ClientSampleId :

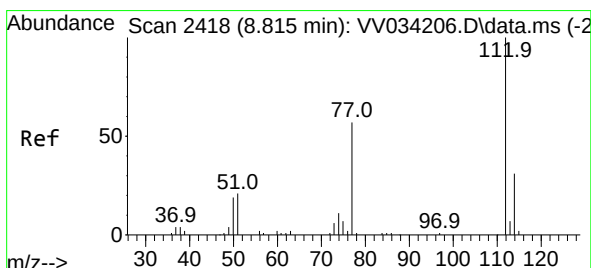
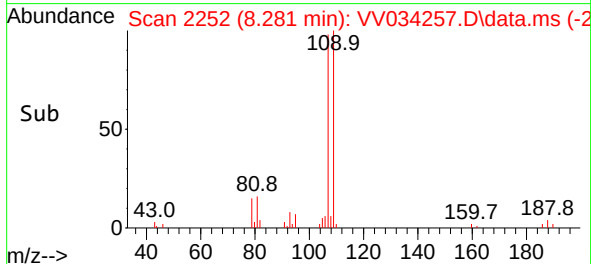
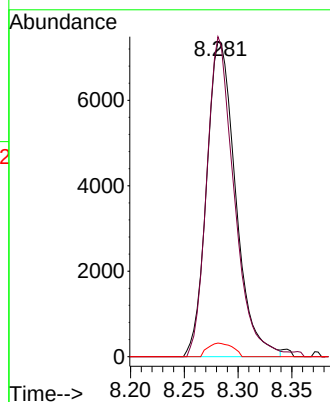
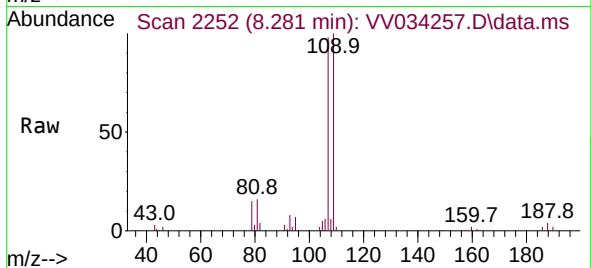
Tgt Ion:107 Resp: 13863

Ion Ratio Lower Upper

107 100

109 101.6 64.5 119.9

188 4.3 2.6 4.0#



#51

Chlorobenzene

Concen: 5.354 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

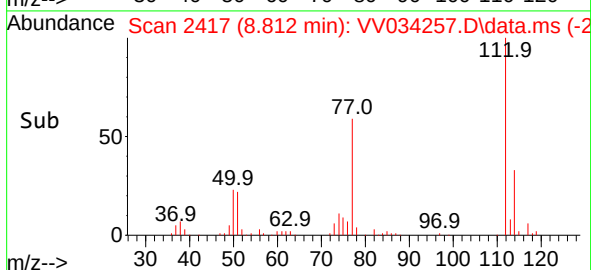
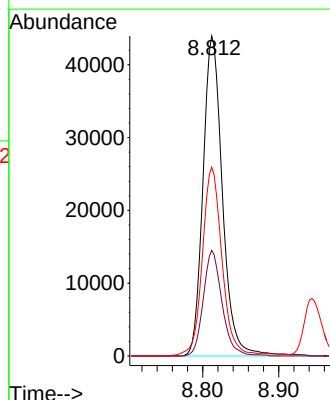
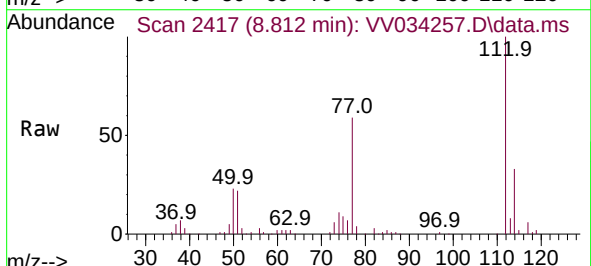
Tgt Ion:112 Resp: 77946

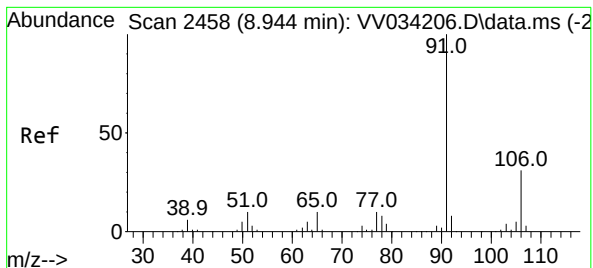
Ion Ratio Lower Upper

112 100

114 33.0 22.5 41.7

77 59.0 48.1 72.1





#52

Ethylbenzene

Concen: 5.330 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

Instrument :

MSVOA_V

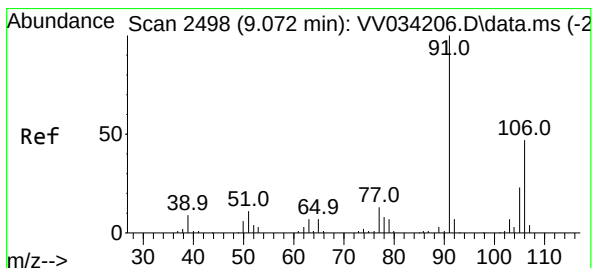
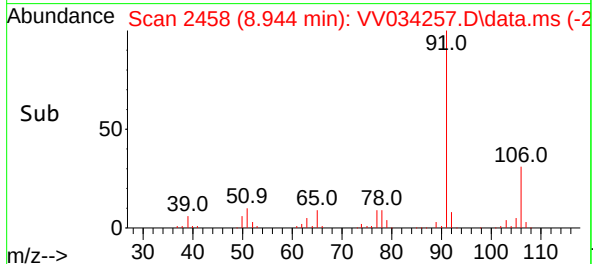
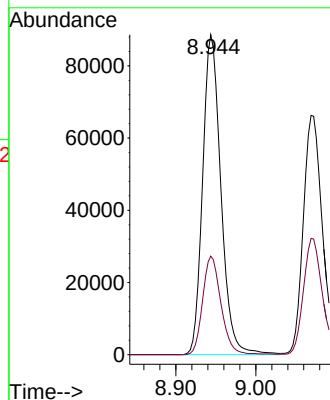
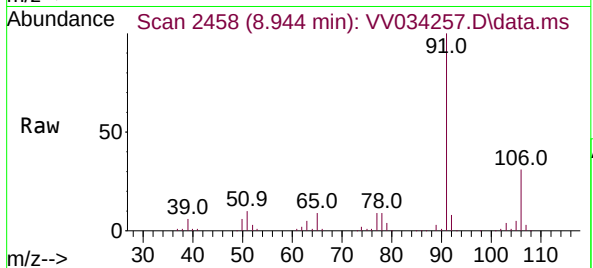
ClientSampleId :

Tgt Ion: 91 Resp: 141295

Ion Ratio Lower Upper

91 100

106 30.8 21.4 39.8



#53

m,p-Xylene

Concen: 5.288 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.003 min

Lab File: VV034257.D

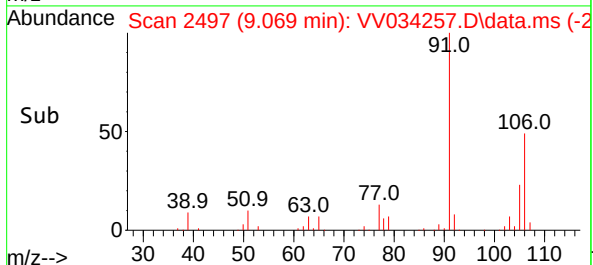
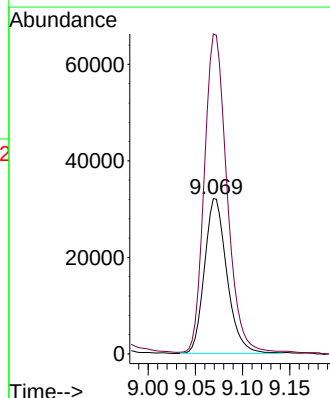
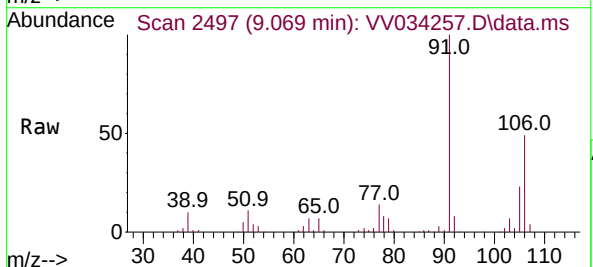
Acq: 20 Feb 2024 09:32

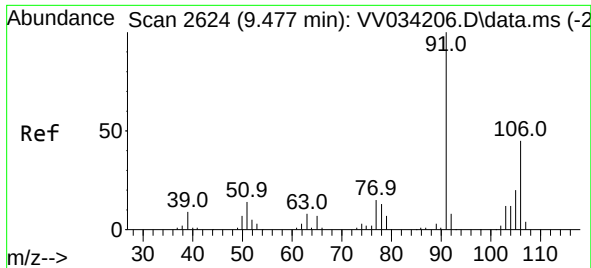
Tgt Ion: 106 Resp: 52964

Ion Ratio Lower Upper

106 100

91 205.8 147.5 273.9

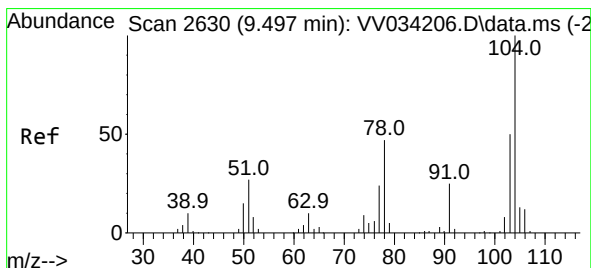
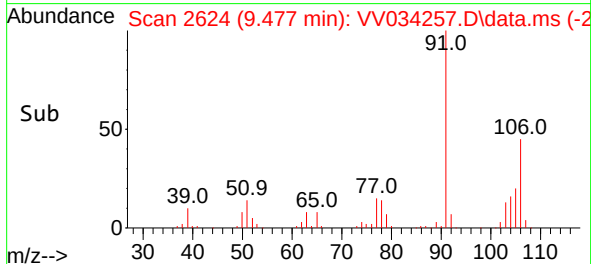
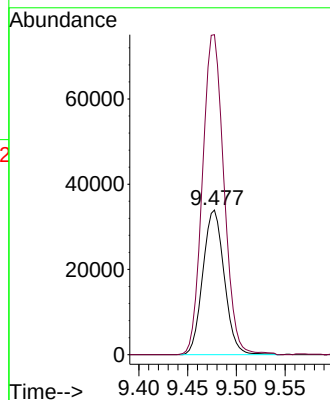
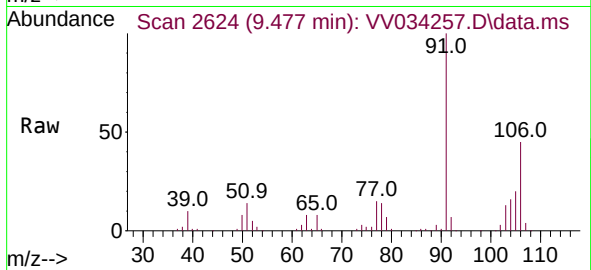




#54
o-Xylene
Concen: 5.384 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

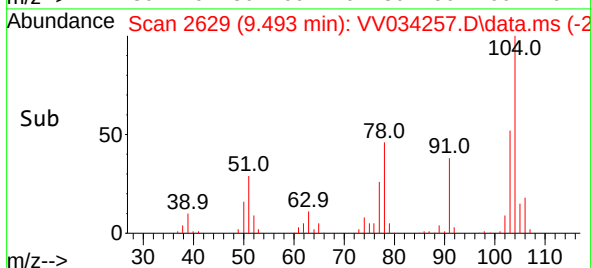
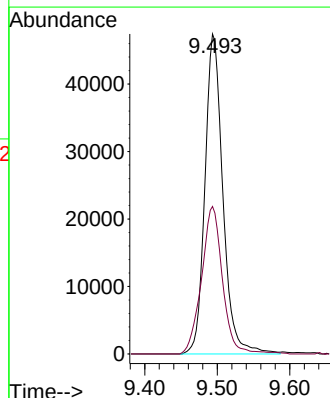
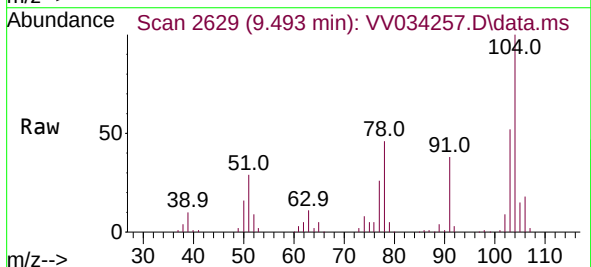
Instrument :
MSVOA_V
ClientSampleId :

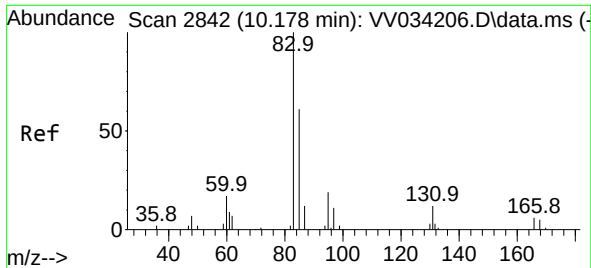
Tgt Ion:106 Resp: 52005
Ion Ratio Lower Upper
106 100
91 221.3 156.2 290.0



#55
Styrene
Concen: 5.293 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

Tgt Ion:104 Resp: 81855
Ion Ratio Lower Upper
104 100
78 46.1 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.811 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. -0.000 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

Instrument :

MSVOA_V

ClientSampleId :

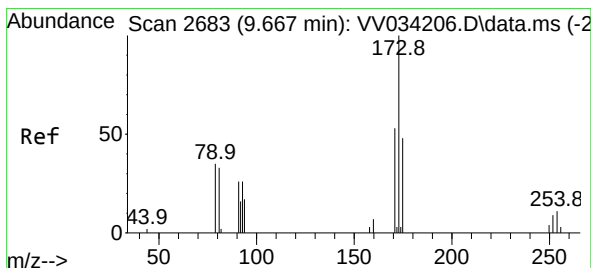
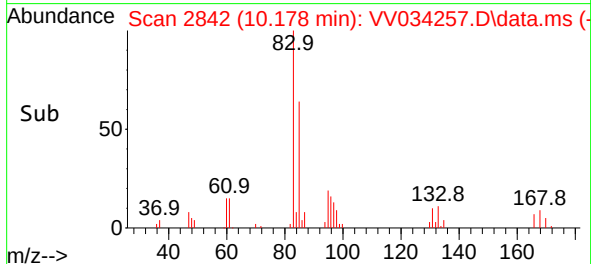
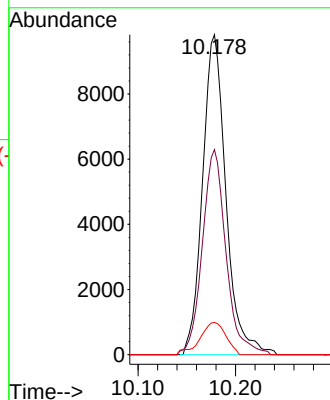
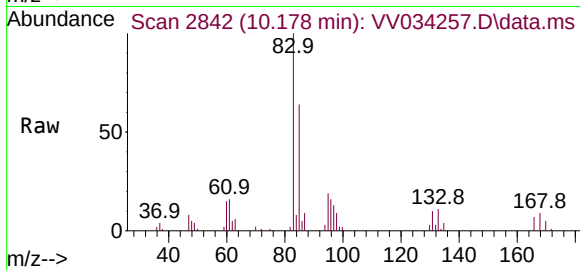
Tgt Ion: 83 Resp: 16364

Ion Ratio Lower Upper

83 100

85 64.1 46.5 86.3

131 10.1 8.4 12.6



#59

Bromoform

Concen: 4.862 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. -0.000 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

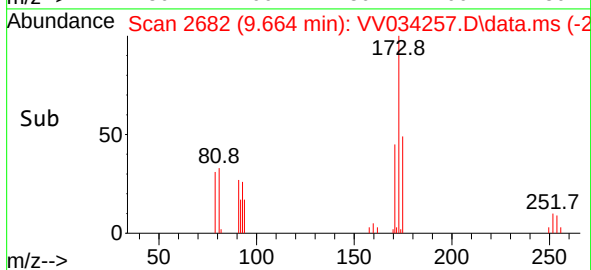
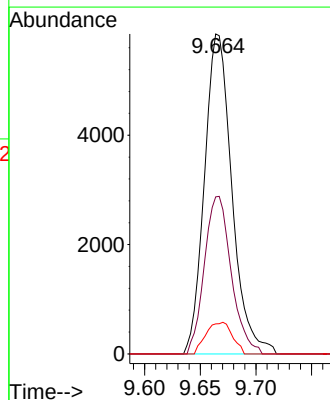
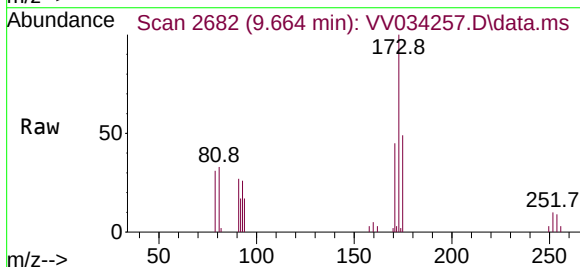
Tgt Ion: 173 Resp: 10038

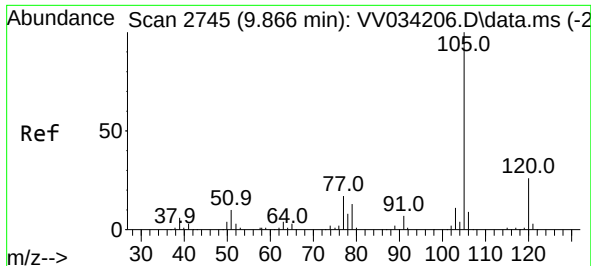
Ion Ratio Lower Upper

173 100

175 48.1 38.6 57.8

254 9.5 7.2 10.8

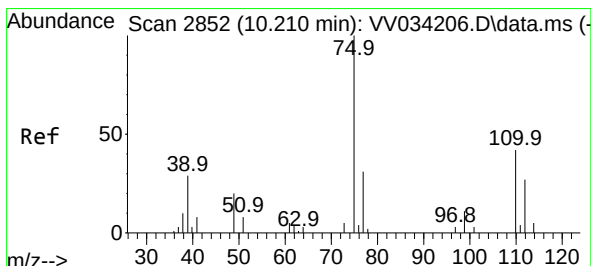
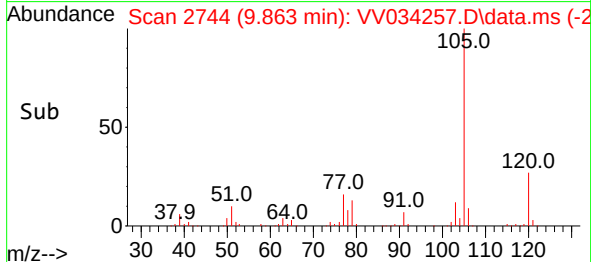
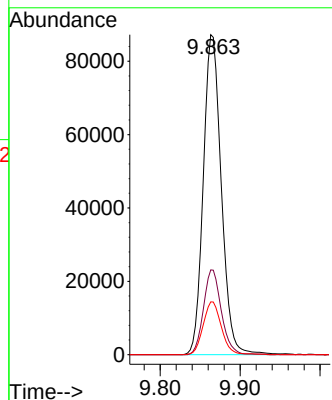
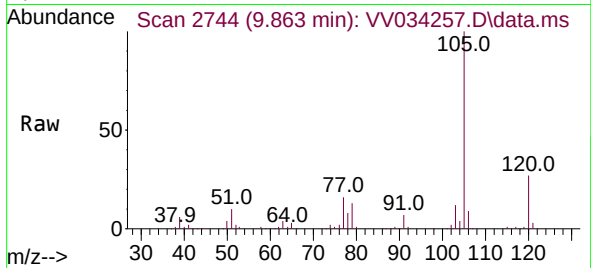




#60
Isopropylbenzene
Concen: 4.941 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

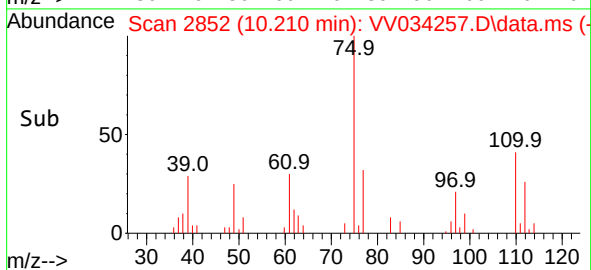
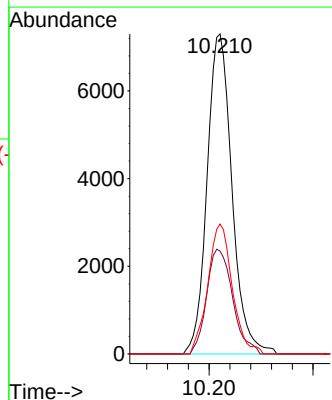
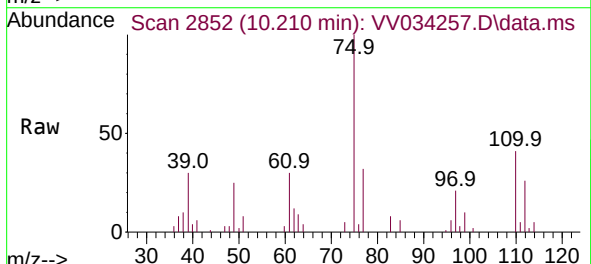
Instrument :
MSVOA_V
ClientSampleId :

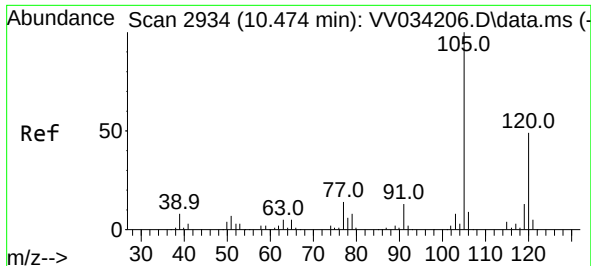
Tgt Ion:105 Resp: 137029
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1
77 16.7 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.719 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

Tgt Ion: 75 Resp: 12159
Ion Ratio Lower Upper
75 100
77 34.1 26.9 40.3
110 39.9 33.3 49.9

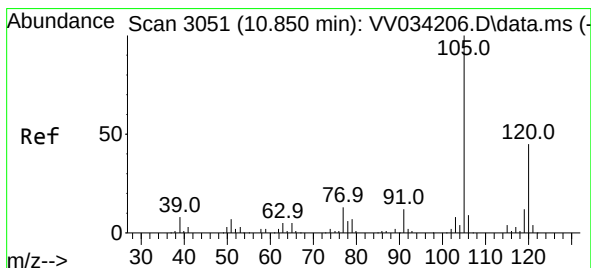
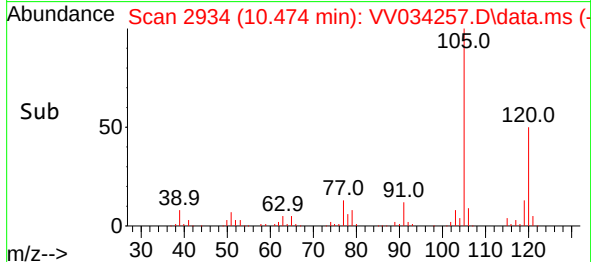
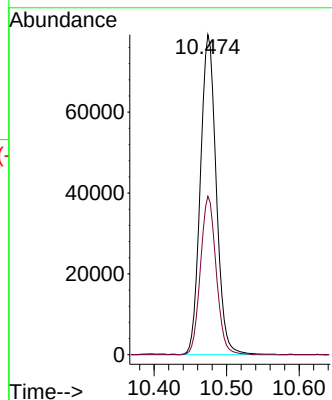
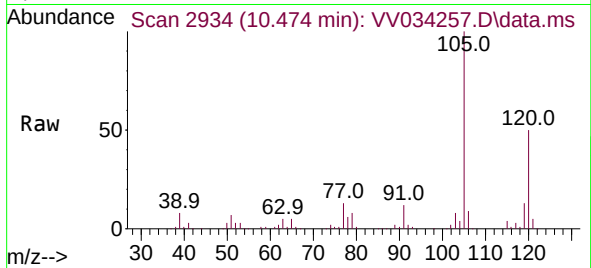




#62
1,3,5-Trimethylbenzene
Concen: 5.141 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

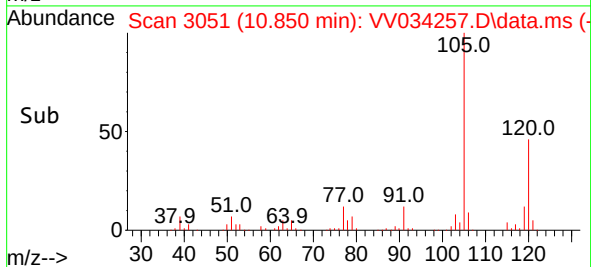
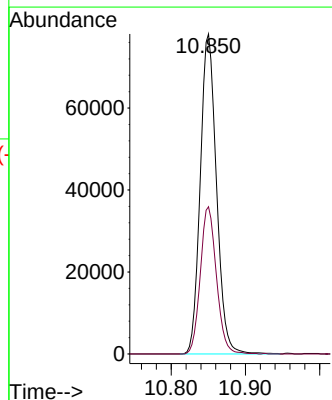
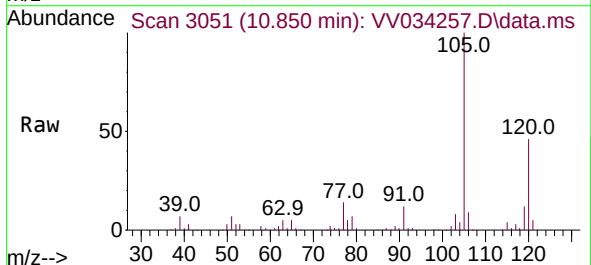
Instrument :
MSVOA_V
ClientSampleId :

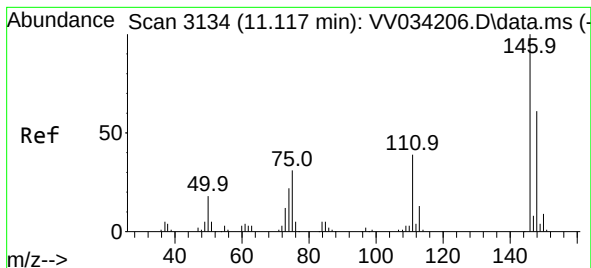
Tgt Ion:105 Resp: 120518
Ion Ratio Lower Upper
105 100
120 48.9 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.204 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

Tgt Ion:105 Resp: 118537
Ion Ratio Lower Upper
105 100
120 45.6 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 5.290 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

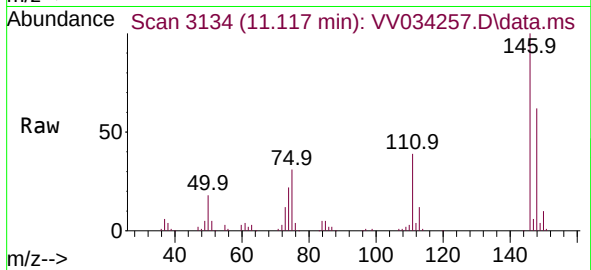
Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

Instrument :

MSVOA_V

ClientSampleId :



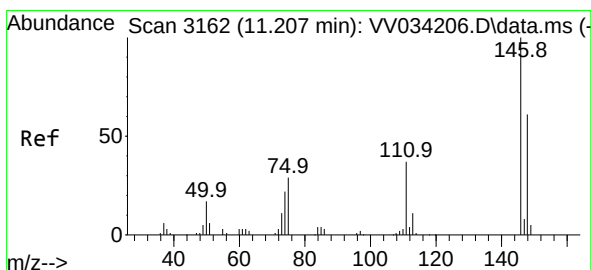
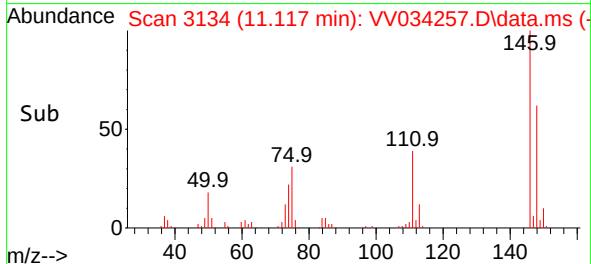
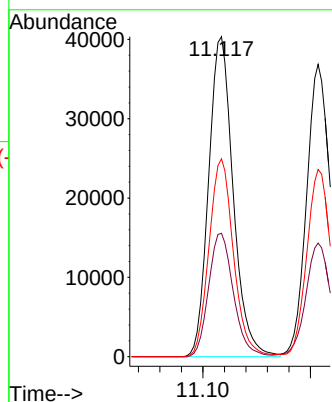
Tgt Ion:146 Resp: 63960

Ion Ratio Lower Upper

146 100

111 38.5 28.5 52.9

148 61.9 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 5.023 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

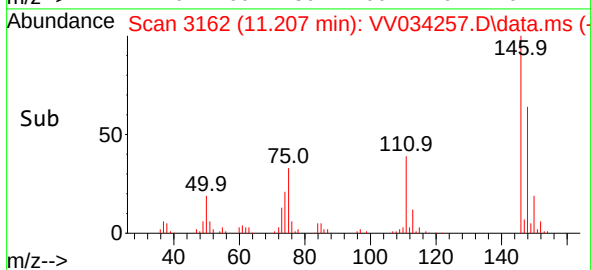
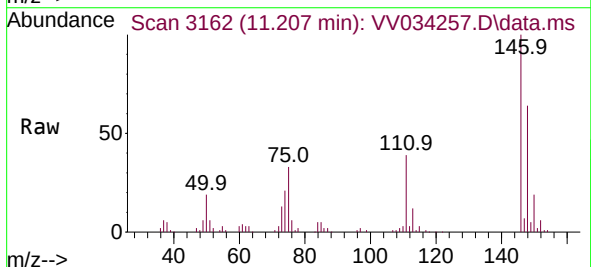
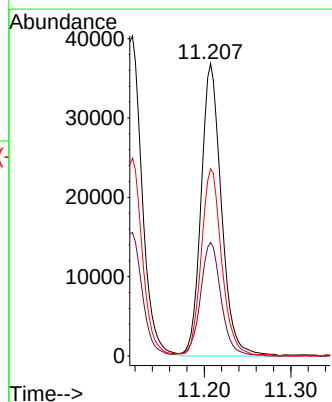
Tgt Ion:146 Resp: 60146

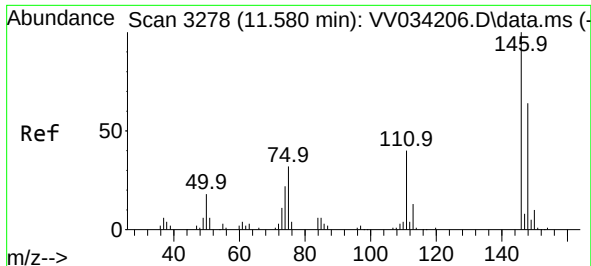
Ion Ratio Lower Upper

146 100

111 38.9 27.6 51.4

148 64.0 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.187 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

Instrument :

MSVOA_V

ClientSampleId :

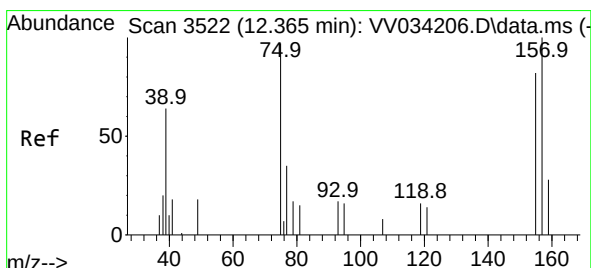
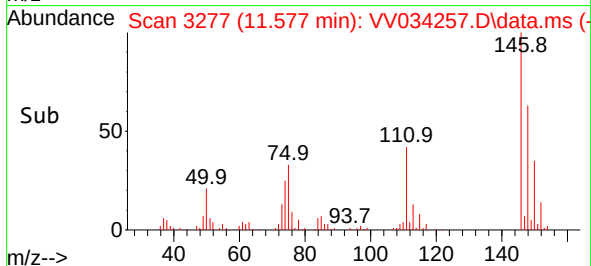
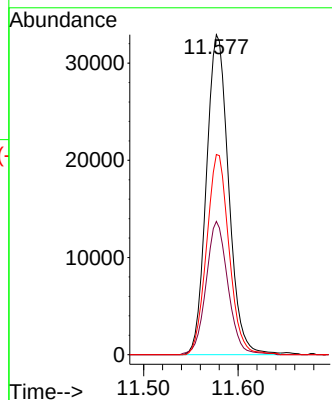
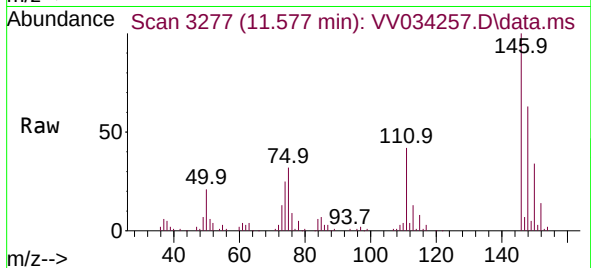
Tgt Ion:146 Resp: 53866

Ion Ratio Lower Upper

146 100

111 41.7 31.2 46.8

148 62.5 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.606 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.003 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

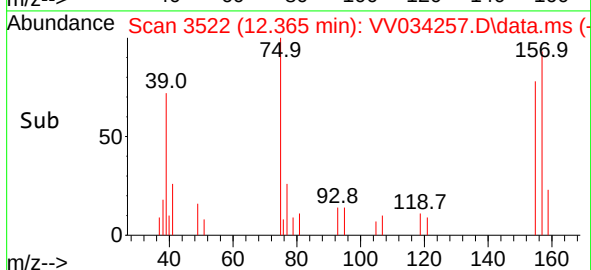
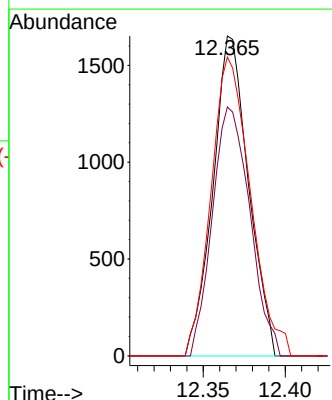
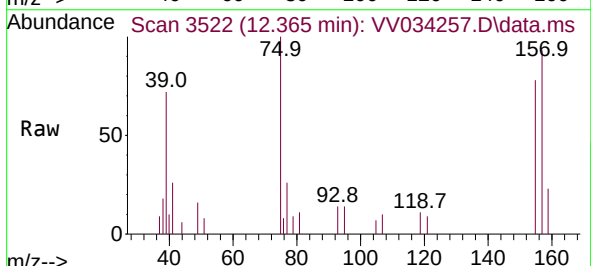
Tgt Ion: 75 Resp: 2487

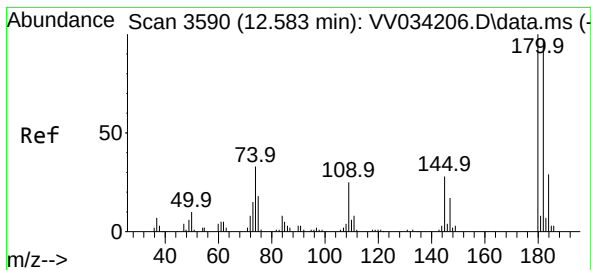
Ion Ratio Lower Upper

75 100

155 77.8 68.9 103.3

157 93.4 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 5.237 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

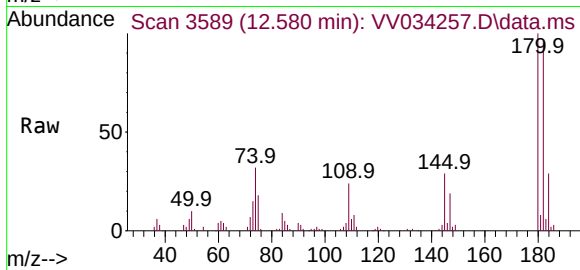
Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 49007

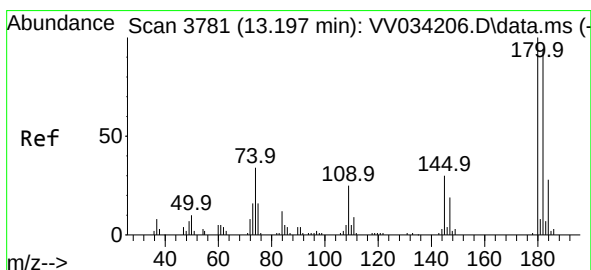
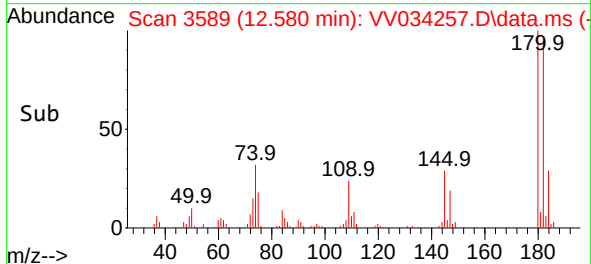
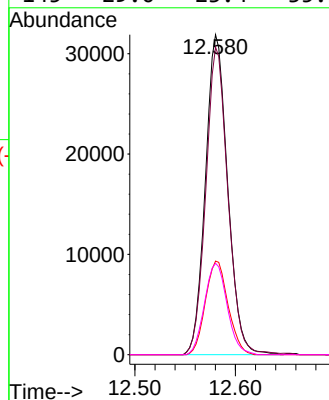
Ion Ratio Lower Upper

180 100

182 95.4 77.0 115.4

184 29.7 23.8 35.6

145 29.0 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 5.175 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034257.D

Acq: 20 Feb 2024 09:32

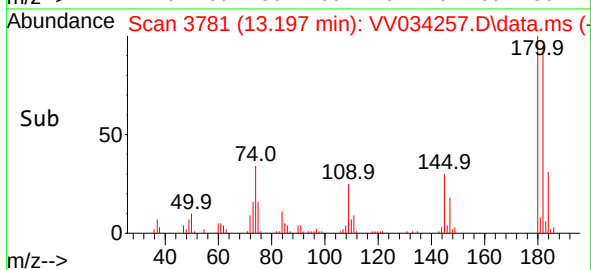
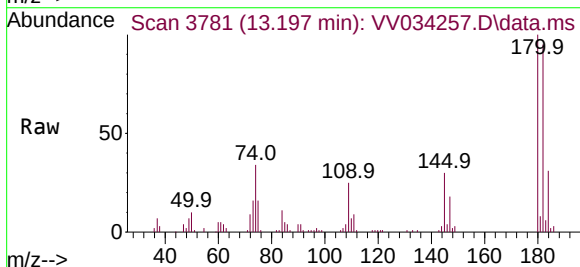
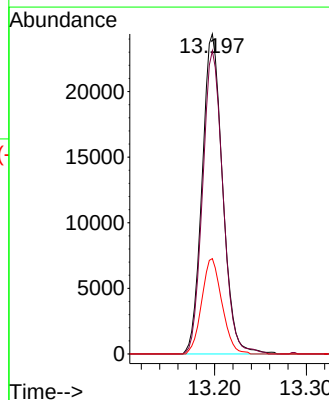
Tgt Ion:180 Resp: 37804

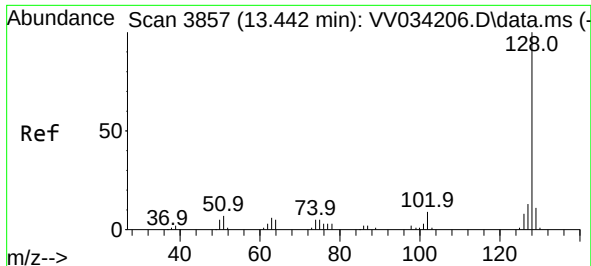
Ion Ratio Lower Upper

180 100

182 93.9 76.8 115.2

145 29.4 24.8 37.2

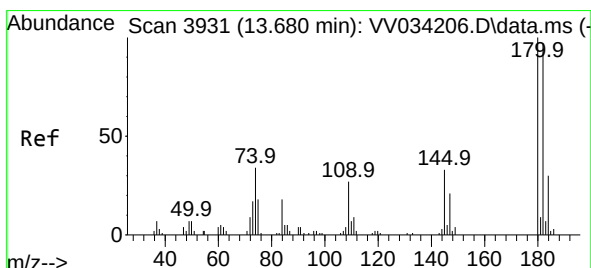
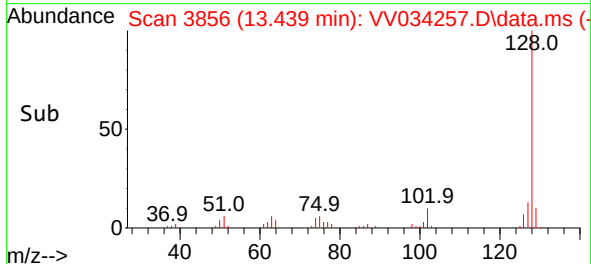
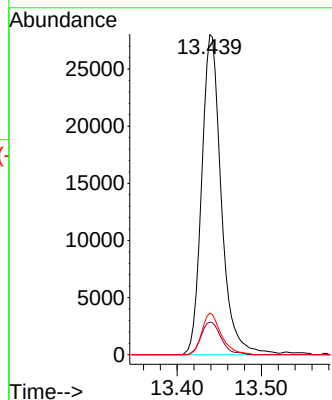
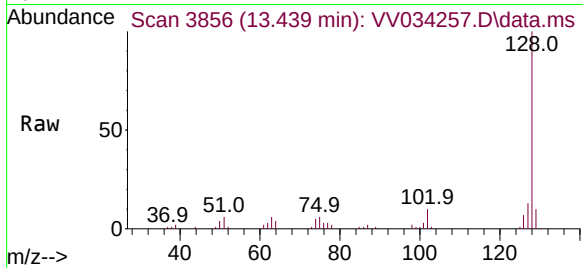




#71
Naphthalene
Concen: 4.738 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 45353
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.151 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV034257.D
Acq: 20 Feb 2024 09:32

Tgt Ion:180 Resp: 30151
Ion Ratio Lower Upper
180 100
182 96.3 75.0 112.6
145 31.3 25.2 37.8

