

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041224\
 Data File : VW035166.D
 Acq On : 12 Apr 2024 11:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 13 03:35:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 02:02:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	182869	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	186030	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	96335	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	49237	3.267	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.532	69	49661	3.997	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.056	65	23798	3.477	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	3.831	46	144895	61.447	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.900%
24) Chloroform-d	4.246	84	110787	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.944	65	55285	5.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	4.960	84	211237	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	5.989	67	67153	4.702	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.243	98	191451	4.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.558	79	22007	4.337	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.027	63	114048	65.494	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.980%#
56) 1,1,2,2-Tetrachloroeth...	10.152	84	53255	5.344	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	67294	4.435	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	59038	4.195	ug/L	100
3) Chloromethane	1.214	50	75452	4.420	ug/L	98
5) Vinyl chloride	1.281	62	80114	4.388	ug/L	99
6) Bromomethane	1.487	94	42936	4.119	ug/L	97
8) Chloroethane	1.548	64	53864	4.590	ug/L	100
9) Trichlorofluoromethane	1.712	101	110152	4.539	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	68604	4.615	ug/L	99
12) 1,1-Dichloroethene	2.069	96	63363	4.564	ug/L	91
13) Acetone	2.166	43	115691	67.256	ug/L	84
14) Carbon disulfide	2.240	76	167392	4.047	ug/L	99
15) Methyl Acetate	2.387	43	26418	5.564	ug/L	99
16) Methylene chloride	2.445	84	76496	5.022	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	160525	5.370	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	65057	4.727	ug/L	92
19) 1,1-Dichloroethane	3.111	63	138271	5.093	ug/L	99
21) 2-Butanone	3.908	43	166506	60.395	ug/L	89
22) cis-1,2-Dichloroethene	3.815	96	71212	4.941	ug/L	96
23) Bromochloromethane	4.149	128	32334	5.343	ug/L	98
25) Chloroform	4.275	83	138079	5.121	ug/L	99

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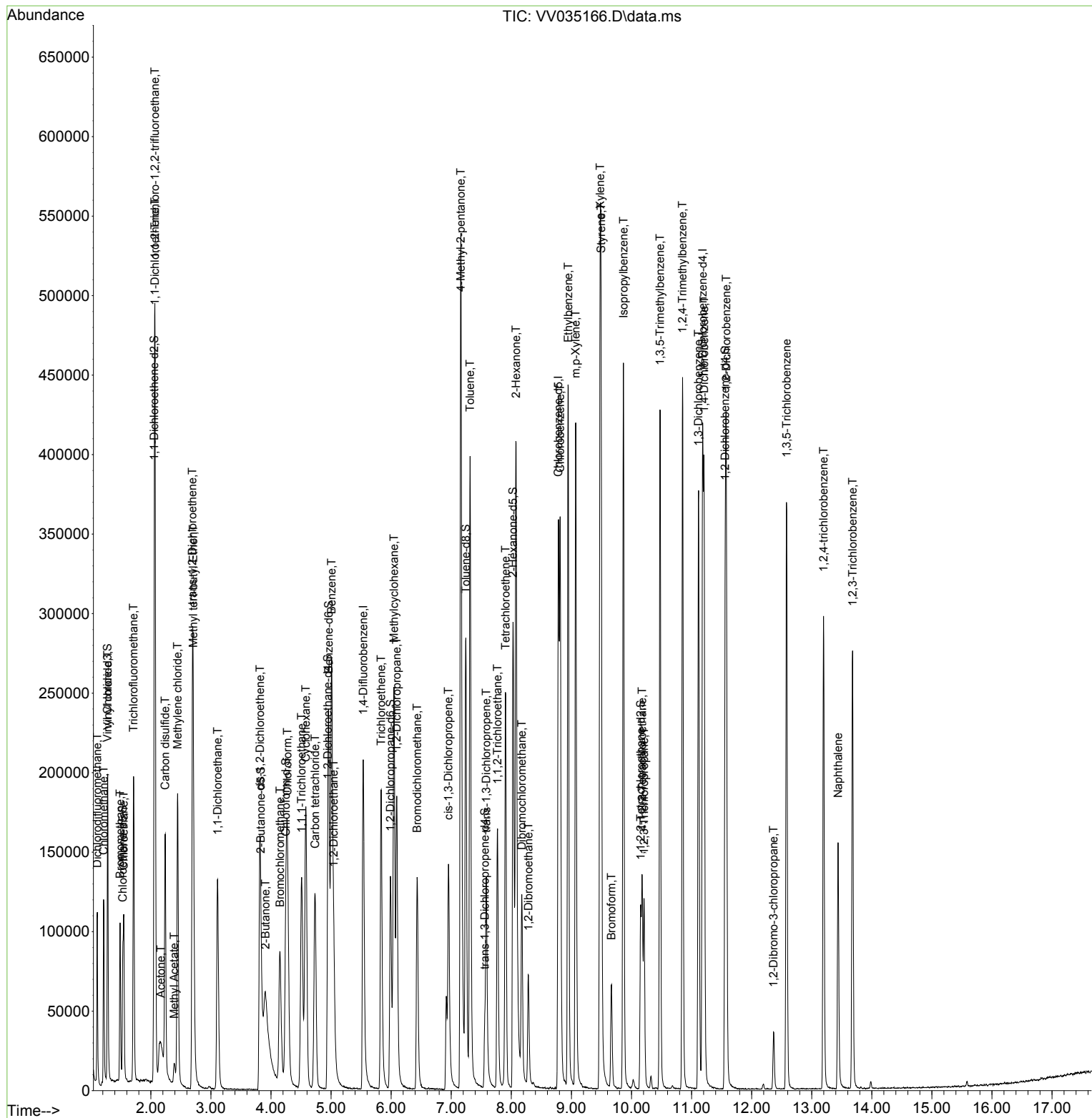
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	82737	5.452	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	111131	4.874	ug/L	98
30) Cyclohexane	4.580	56	94333	4.491	ug/L	99
31) Carbon tetrachloride	4.731	117	94021	4.819	ug/L	97
33) Benzene	5.008	78	281674	4.946	ug/L	100
34) Trichloroethene	5.834	95	70955	4.782	ug/L	98
35) Methylcyclohexane	6.047	83	99527	4.404	ug/L	97
37) 1,2-Dichloropropane	6.092	63	78886	5.342	ug/L	99
38) Bromodichloromethane	6.432	83	96563	5.183	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	95250	4.802	ug/L	95
40) 4-Methyl-2-pentanone	7.159	43	398151	59.757	ug/L	100
42) Toluene	7.313	91	294097	4.912	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	83444	5.074	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	52780	5.440	ug/L	99
47) Tetrachloroethene	7.905	164	55758	5.001	ug/L	97
48) 2-Hexanone	8.079	43	298024	59.250	ug/L	97
49) Dibromochloromethane	8.175	129	58544	5.126	ug/L	96
50) 1,2-Dibromoethane	8.284	107	47932	5.247	ug/L	99
51) Chlorobenzene	8.812	112	188160	4.865	ug/L	98
52) Ethylbenzene	8.947	91	308970	4.778	ug/L	99
53) m,p-Xylene	9.072	106	112568	4.741	ug/L	99
54) o-Xylene	9.477	106	112471	4.828	ug/L	97
55) Styrene	9.493	104	195754	5.226	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	65447	5.643	ug/L	98
59) Bromoform	9.667	173	30527	5.098	ug/L	99
60) Isopropylbenzene	9.866	105	283836	4.714	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	48191	5.359	ug/L	96
62) 1,3,5-Trimethylbenzene	10.474	105	224948	4.548	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	235921	4.701	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	149928	4.879	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	150204	4.880	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	140768	4.959	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	9610	5.198	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	111213	4.820	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	91185	5.088	ug/L	98
71) Naphthalene	13.438	128	125580	4.986	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	84110	5.336	ug/L	99

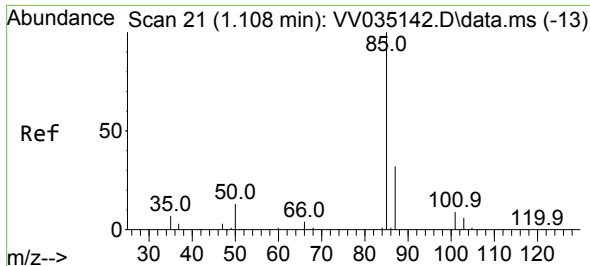
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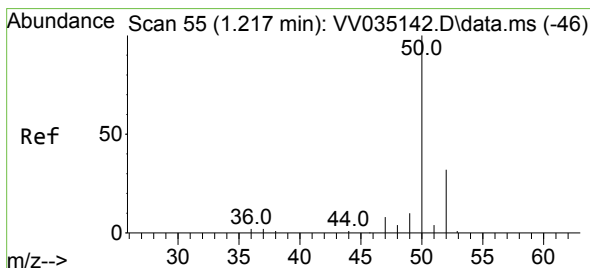
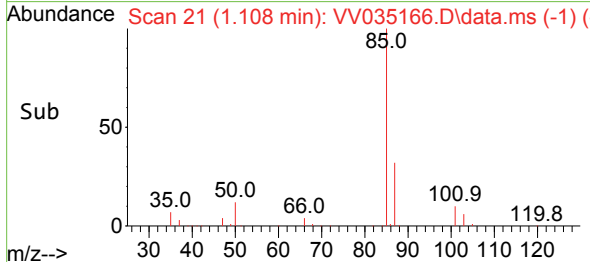
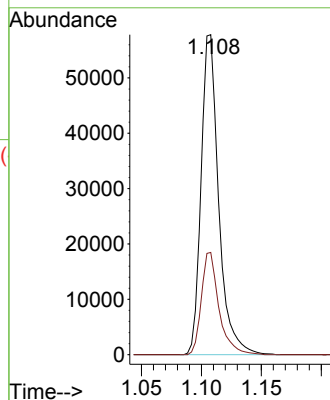
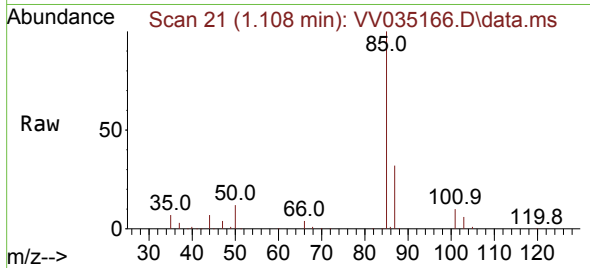




#2
 Dichlorodifluoromethane
 Concen: 4.195 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV035166.D
 Acq: 12 Apr 2024 11:41

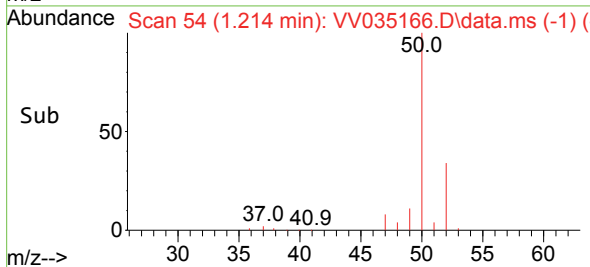
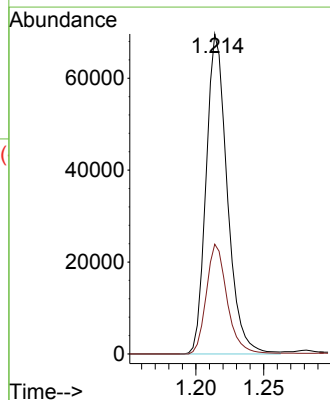
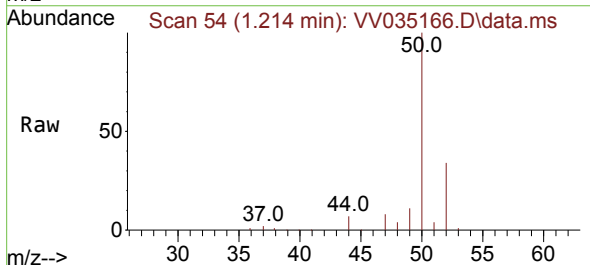
Instrument :
 MSVOA_V
 ClientSampleId :

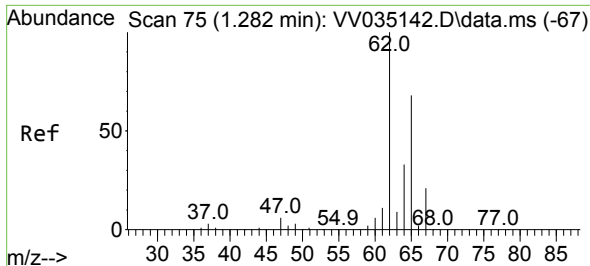
Tgt Ion: 85 Resp: 59038
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.7 38.5



#3
 Chloromethane
 Concen: 4.420 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV035166.D
 Acq: 12 Apr 2024 11:41

Tgt Ion: 50 Resp: 75452
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.4 43.4



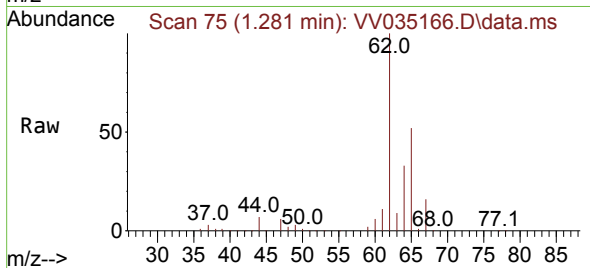


#5
 Vinyl chloride
 Concen: 4.388 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV035166.D
 Acq: 12 Apr 2024 11:41

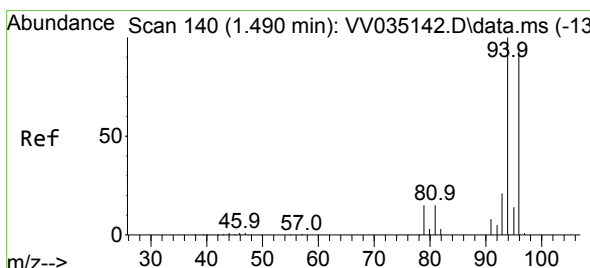
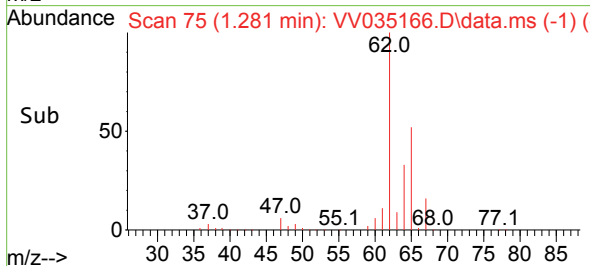
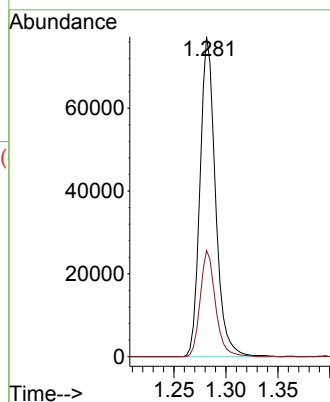
Instrument :

MSVOA_V

ClientSampleId :

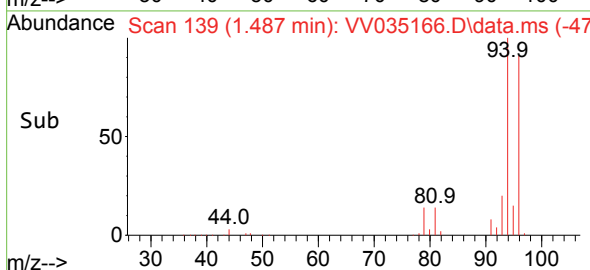
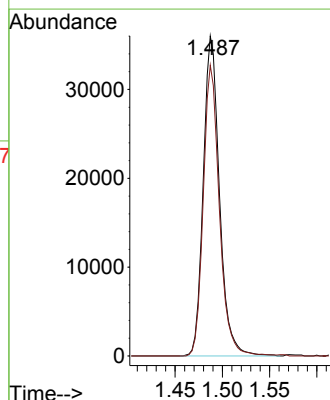
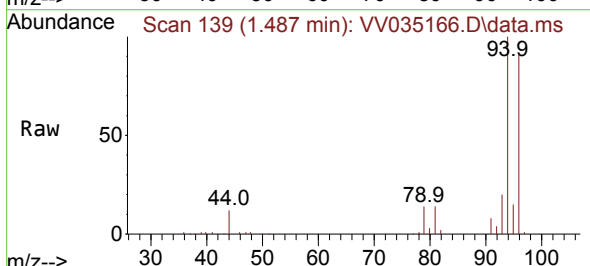


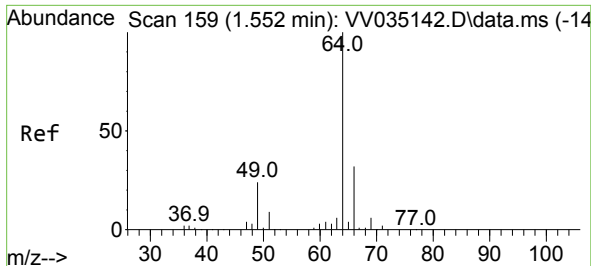
Tgt Ion: 62 Resp: 80114
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.9 42.5



#6
 Bromomethane
 Concen: 4.119 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV035166.D
 Acq: 12 Apr 2024 11:41

Tgt Ion: 94 Resp: 42936
 Ion Ratio Lower Upper
 94 100
 96 90.9 65.4 121.4

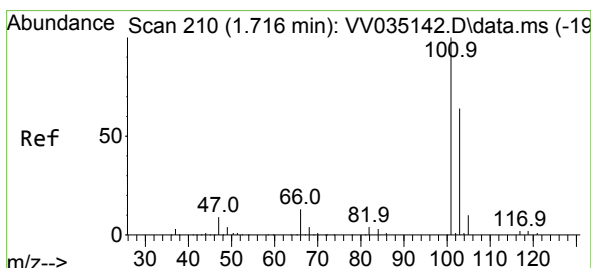
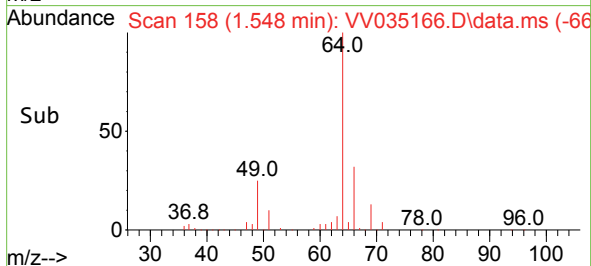
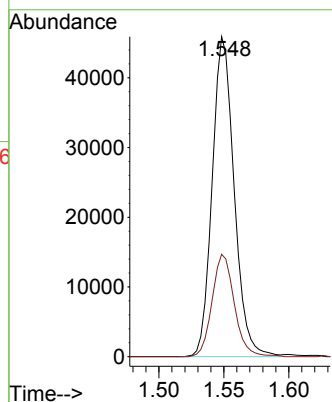
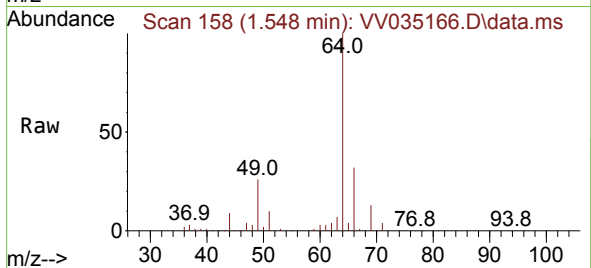




#8
Chloroethane
Concen: 4.590 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

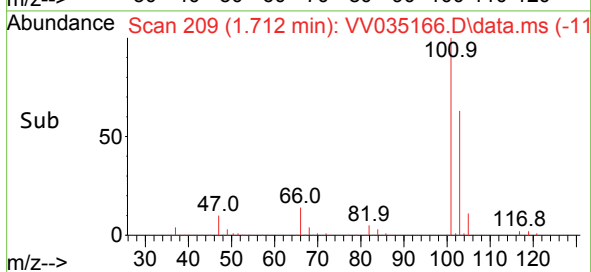
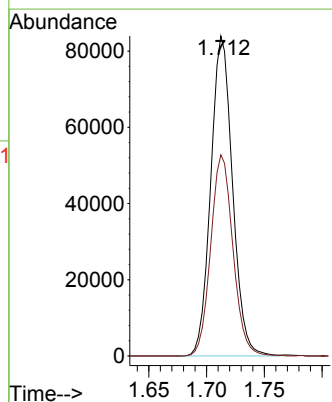
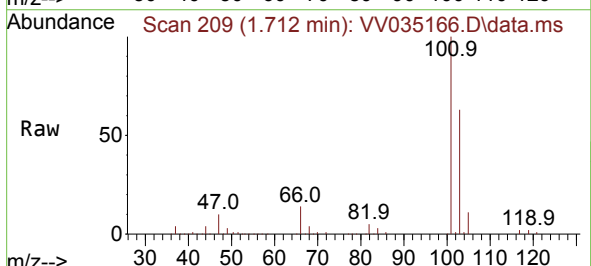
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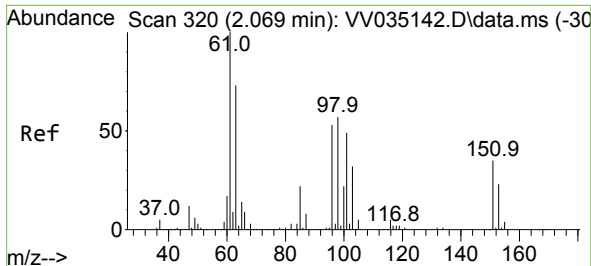
Tgt Ion: 64 Resp: 53864
Ion Ratio Lower Upper
64 100
66 32.0 22.6 42.0



#9
Trichlorofluoromethane
Concen: 4.539 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

Tgt Ion:101 Resp: 110152
Ion Ratio Lower Upper
101 100
103 64.1 51.9 77.9

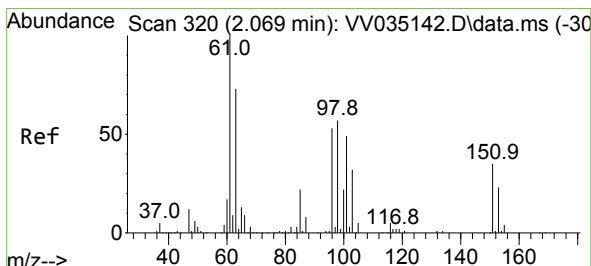
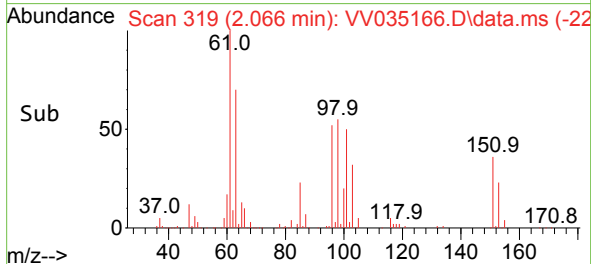
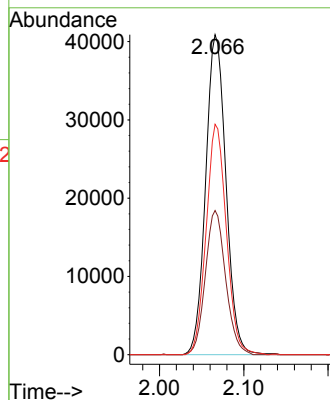
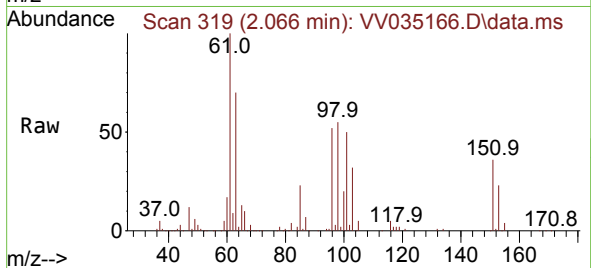




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.615 ug/L
 RT: 2.066 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV035166.D
 Acq: 12 Apr 2024 11:41

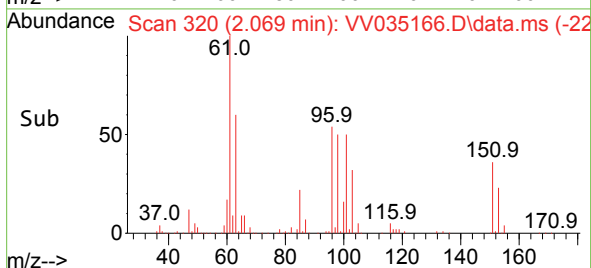
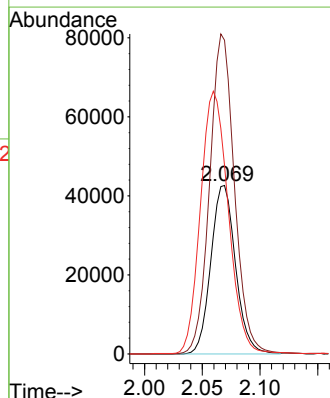
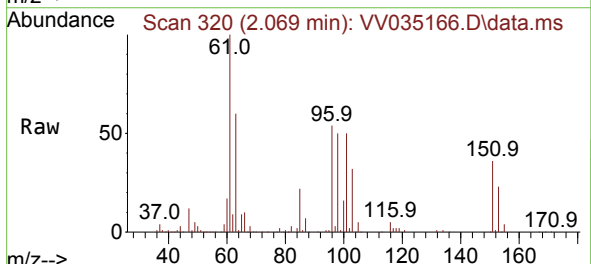
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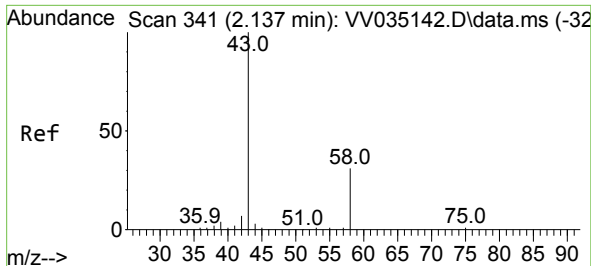
Tgt Ion:101 Resp: 68604
 Ion Ratio Lower Upper
 101 100
 85 45.2 36.2 54.4
 151 71.6 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.564 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV035166.D
 Acq: 12 Apr 2024 11:41

Tgt Ion: 96 Resp: 63363
 Ion Ratio Lower Upper
 96 100
 61 186.1 128.1 237.9
 63 112.0 93.5 173.7





#13

Acetone

Concen: 67.256 ug/L

RT: 2.166 min Scan# 3

Delta R.T. 0.029 min

Lab File: VV035166.D

Acq: 12 Apr 2024 11:41

Instrument :

MSVOA_V

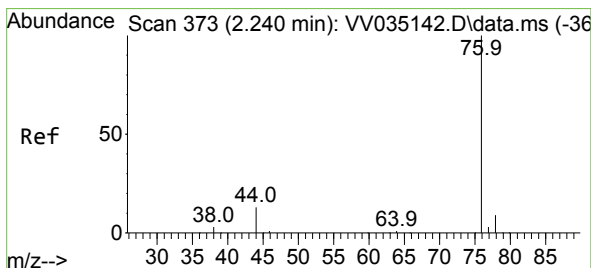
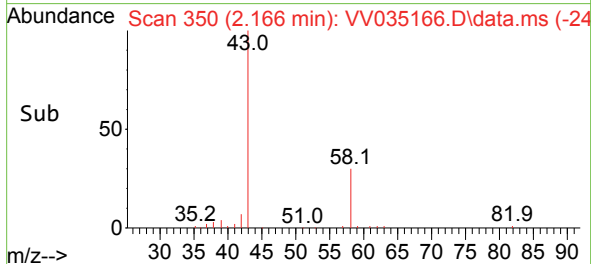
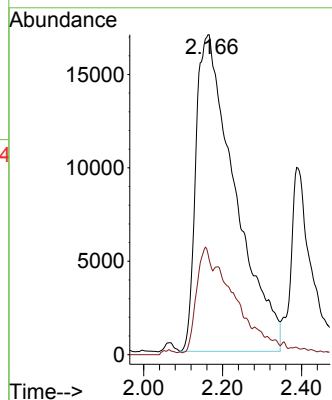
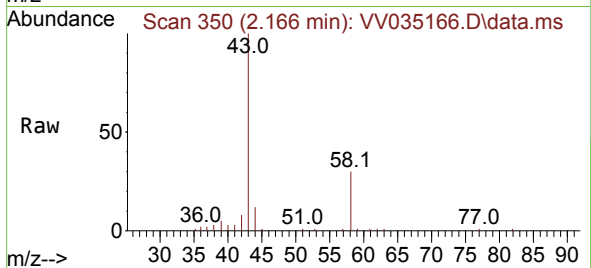
ClientSampleId :

Tgt Ion: 43 Resp: 115691

Ion Ratio Lower Upper

43 100

58 12.8 0.0 40.8



#14

Carbon disulfide

Concen: 4.047 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

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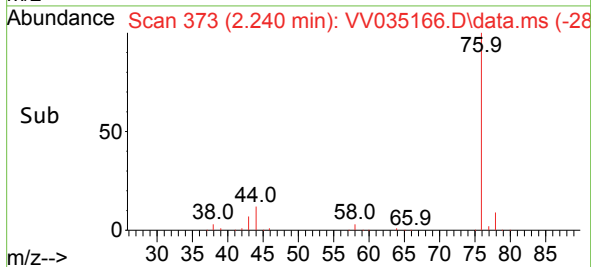
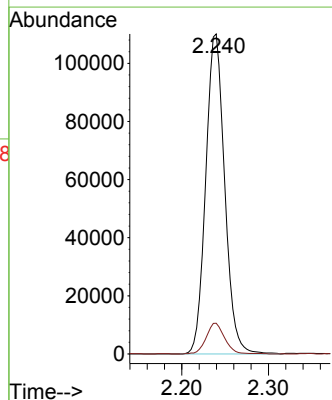
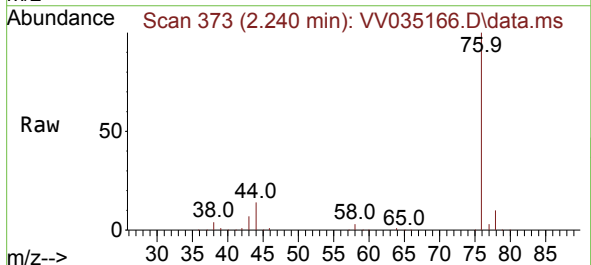
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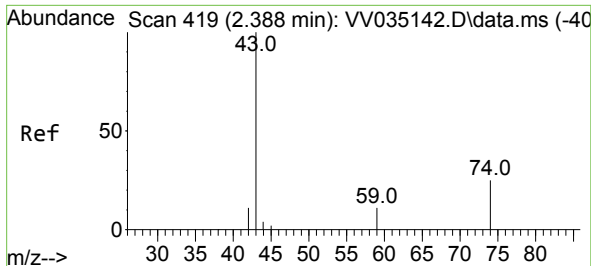
Tgt Ion: 76 Resp: 167392

Ion Ratio Lower Upper

76 100

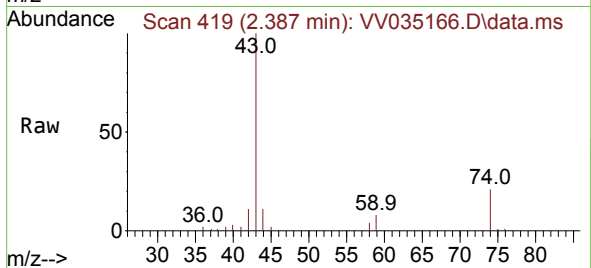
78 9.6 7.4 11.2



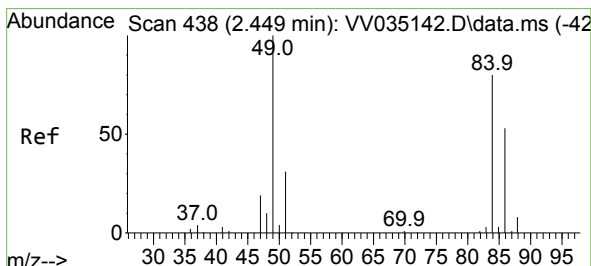
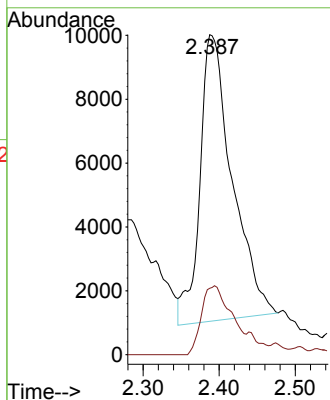
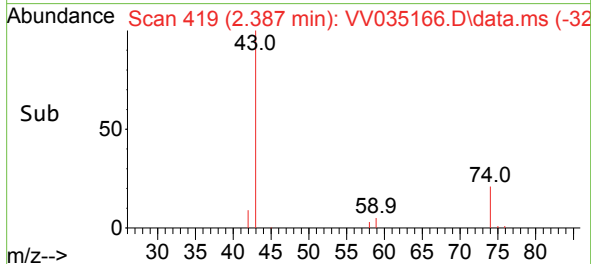


#15
Methyl Acetate
Concen: 5.564 ug/L
RT: 2.387 min Scan# 419
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

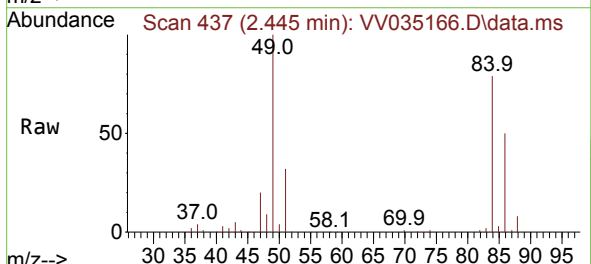
Instrument :
MSVOA_V
ClientSampleId :



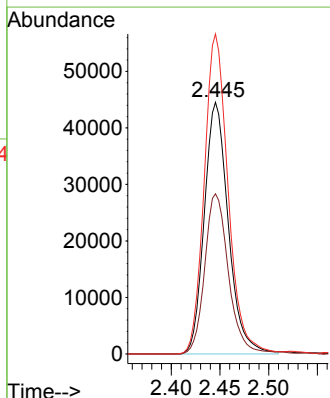
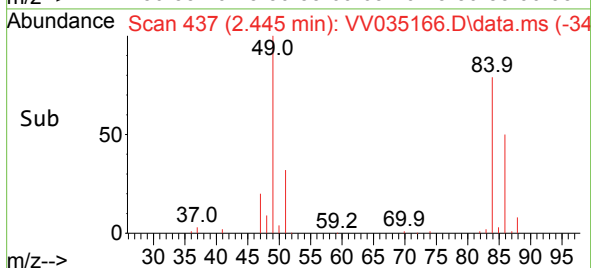
Tgt Ion: 43 Resp: 26418
Ion Ratio Lower Upper
43 100
74 22.4 18.5 27.7

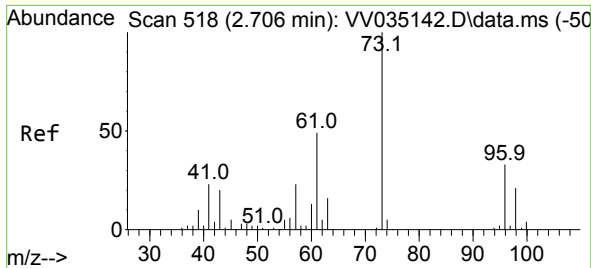


#16
Methylene chloride
Concen: 5.022 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41



Tgt Ion: 84 Resp: 76496
Ion Ratio Lower Upper
84 100
86 63.7 43.5 80.9
49 127.2 82.5 153.3

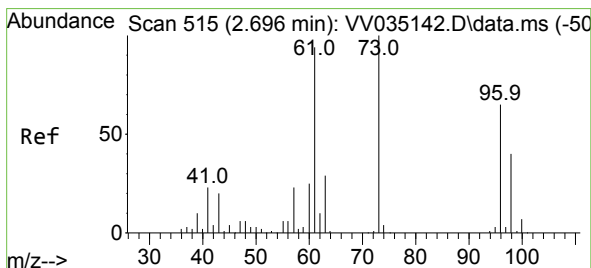
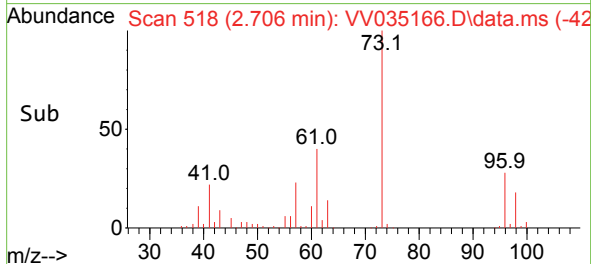
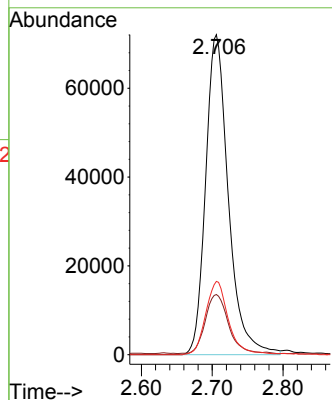
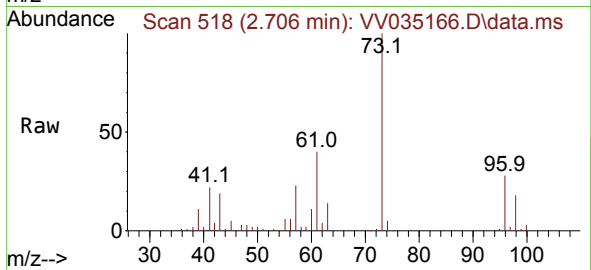




#17
Methyl tert-butyl Ether
Concen: 5.370 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

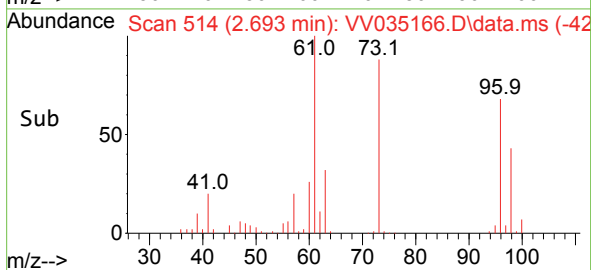
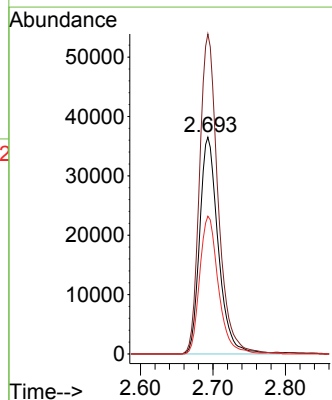
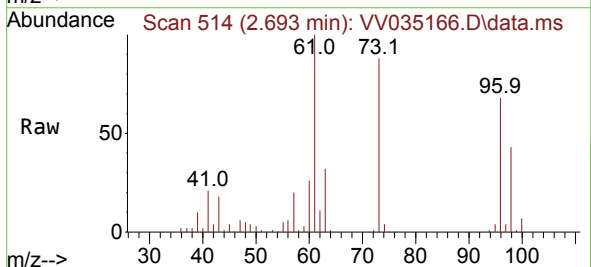
Instrument :
MSVOA_V
ClientSampleId :

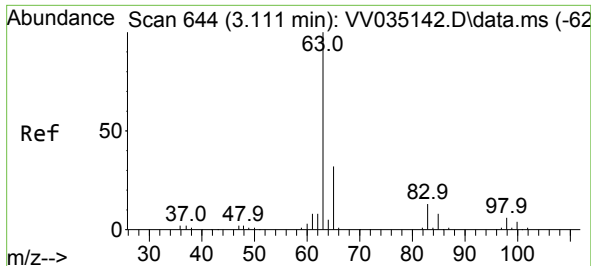
Tgt Ion: 73 Resp: 160525
Ion Ratio Lower Upper
73 100
43 18.6 14.8 22.2
57 22.8 18.1 27.1



#18
trans-1,2-Dichloroethene
Concen: 4.727 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

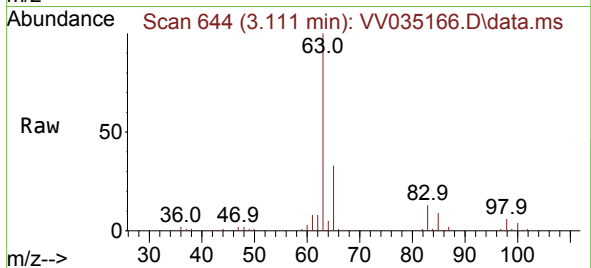
Tgt Ion: 96 Resp: 65057
Ion Ratio Lower Upper
96 100
61 147.6 94.5 175.5
98 63.6 43.5 80.9



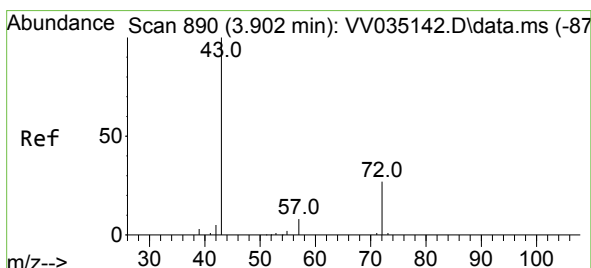
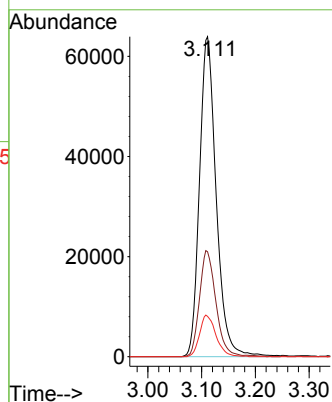
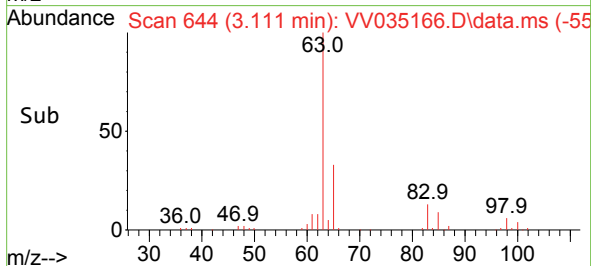


#19
1,1-Dichloroethane
Concen: 5.093 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

Instrument :
MSVOA_V
ClientSampleId :

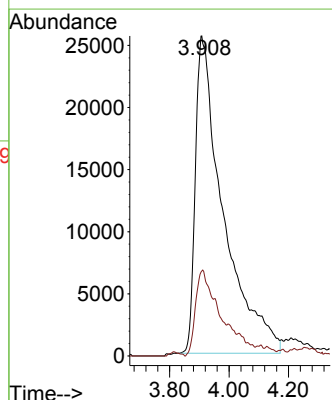
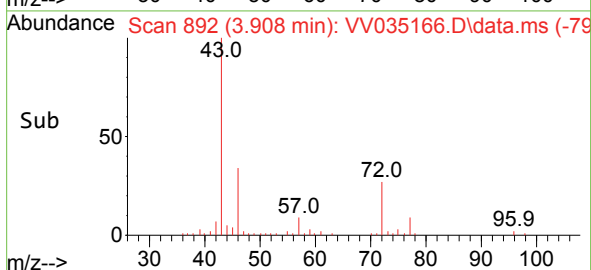
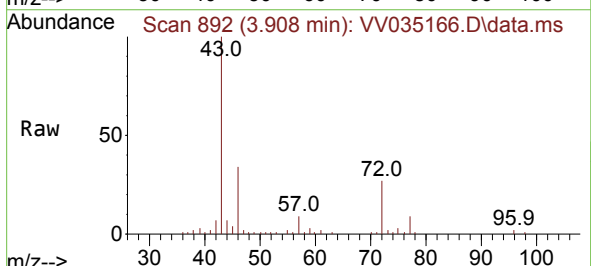


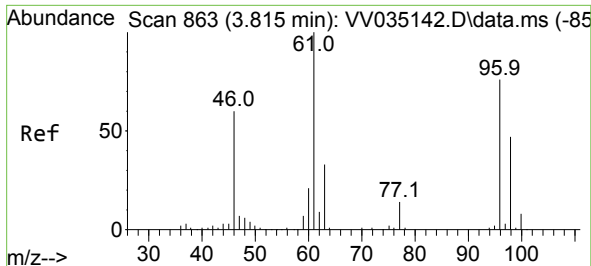
Tgt Ion: 63 Resp: 138271
Ion Ratio Lower Upper
63 100
65 32.8 22.5 41.9
83 12.6 9.1 16.9



#21
2-Butanone
Concen: 60.395 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.006 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

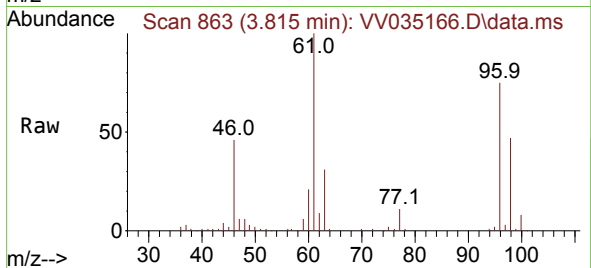
Tgt Ion: 43 Resp: 166506
Ion Ratio Lower Upper
43 100
72 19.8 7.5 22.5





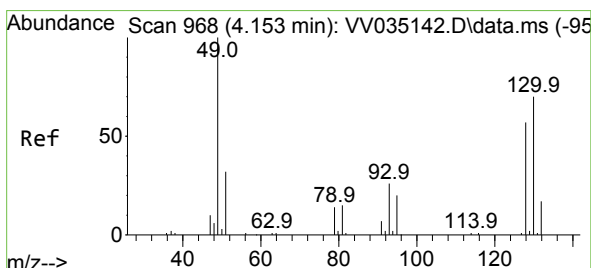
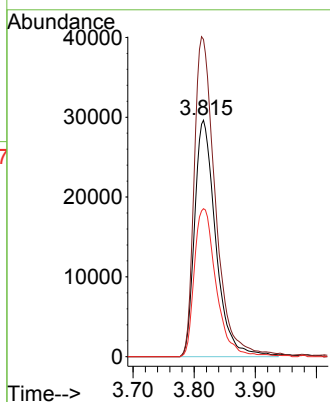
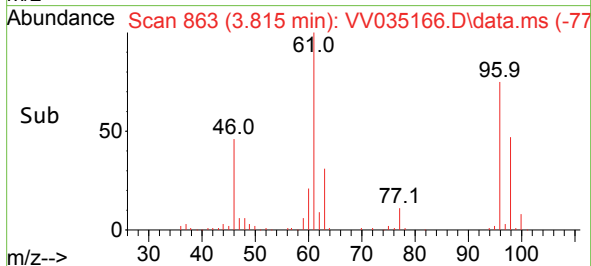
#22
 cis-1,2-Dichloroethene
 Concen: 4.941 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VV035166.D
 Acq: 12 Apr 2024 11:41

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 71212

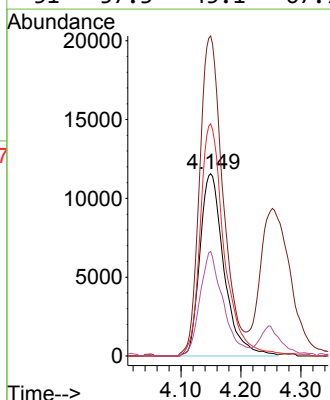
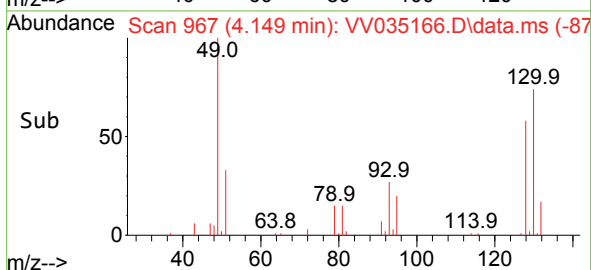
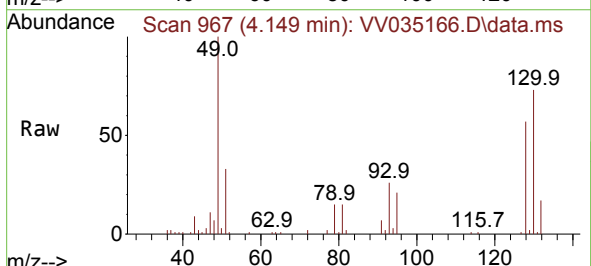
Ion	Ratio	Lower	Upper
96	100		
61	134.2	90.3	167.7
98	62.6	42.7	79.3

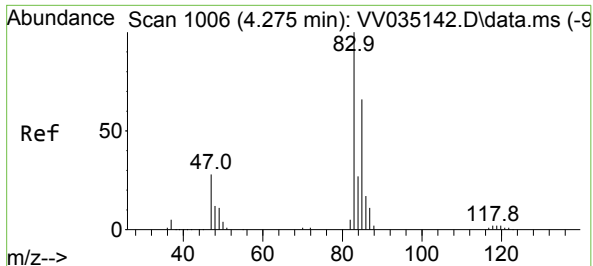


#23
 Bromochloromethane
 Concen: 5.343 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. -0.003 min
 Lab File: VV035166.D
 Acq: 12 Apr 2024 11:41

Tgt Ion: 128 Resp: 32334

Ion	Ratio	Lower	Upper
128	100		
49	175.5	122.9	228.3
130	127.3	92.1	171.1
51	57.3	45.1	67.7





#25

Chloroform

Concen: 5.121 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VV035166.D

Acq: 12 Apr 2024 11:41

Instrument :

MSVOA_V

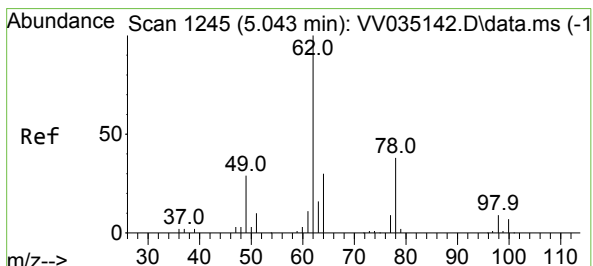
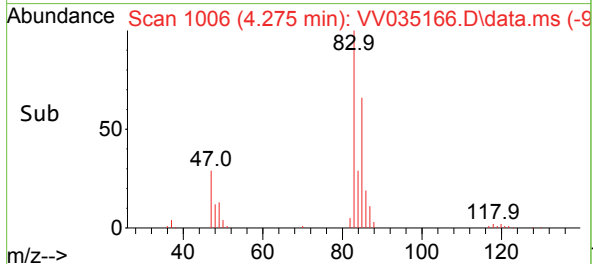
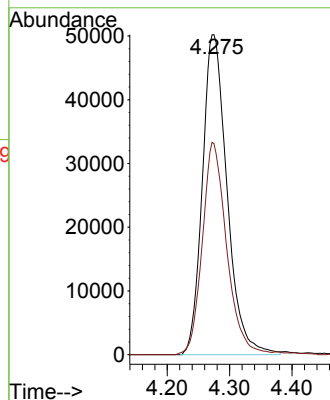
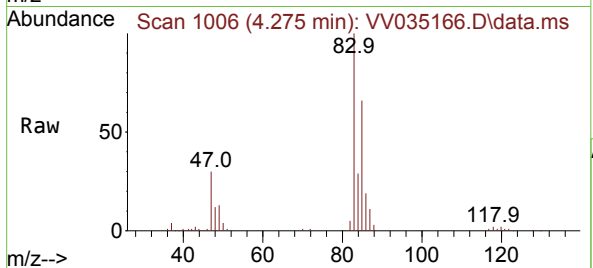
ClientSampleId :

Tgt Ion: 83 Resp: 138079

Ion Ratio Lower Upper

83 100

85 65.9 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.452 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VV035166.D

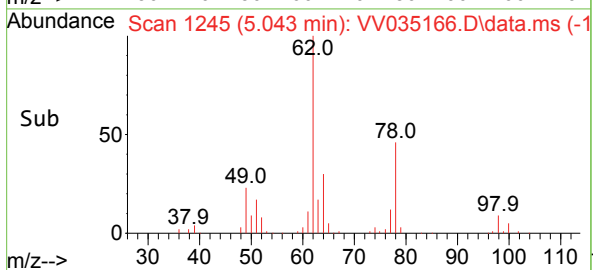
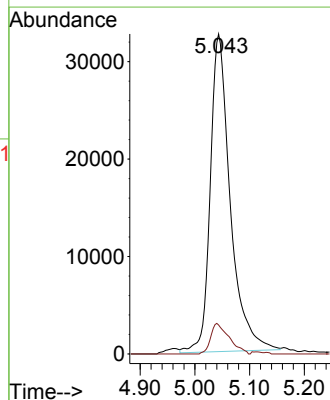
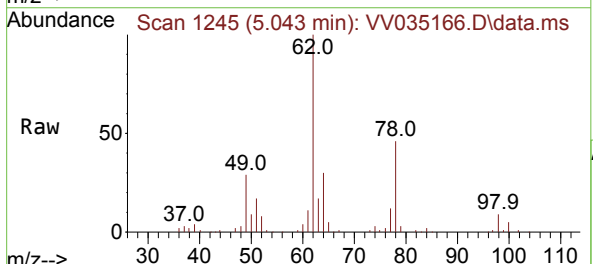
Acq: 12 Apr 2024 11:41

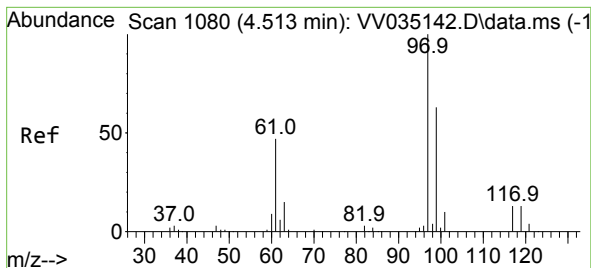
Tgt Ion: 62 Resp: 82737

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 4.874 ug/L

RT: 4.510 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV035166.D

Acq: 12 Apr 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :

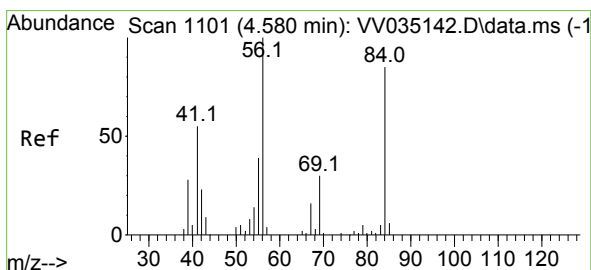
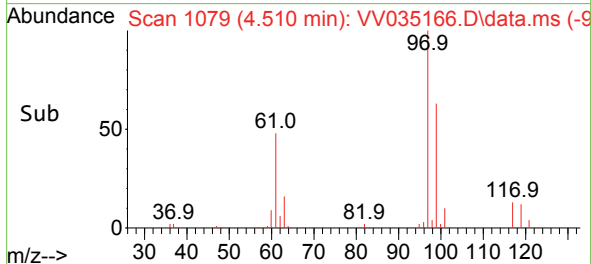
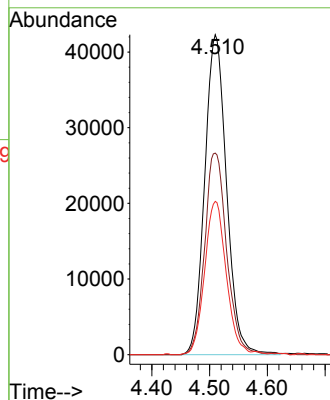
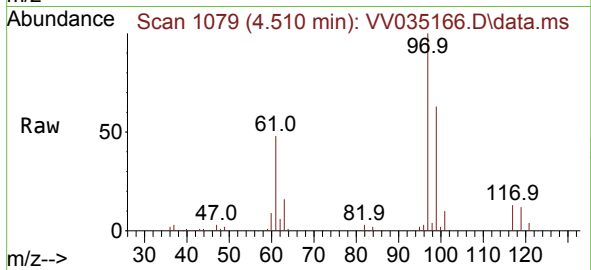
Tgt Ion: 97 Resp: 111131

Ion Ratio Lower Upper

97 100

99 63.7 52.1 78.1

61 47.3 38.7 58.1



#30

Cyclohexane

Concen: 4.491 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV035166.D

Acq: 12 Apr 2024 11:41

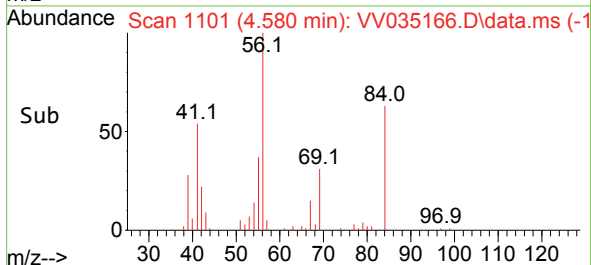
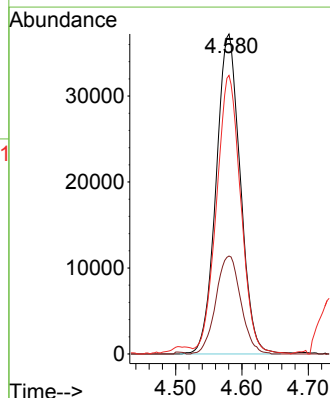
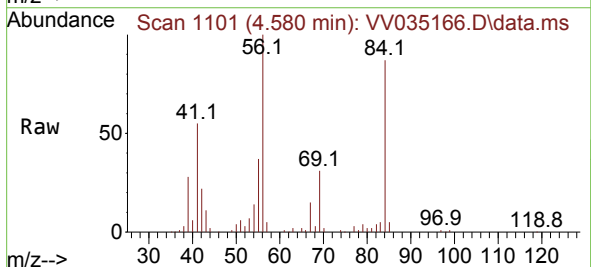
Tgt Ion: 56 Resp: 94333

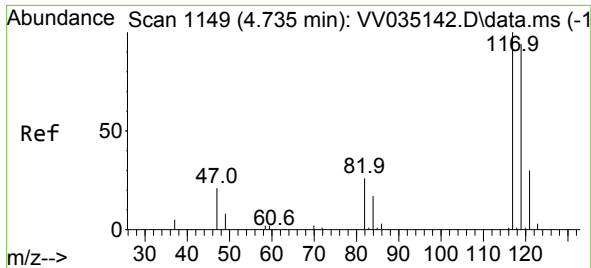
Ion Ratio Lower Upper

56 100

69 31.6 25.2 37.8

84 88.0 69.8 104.8

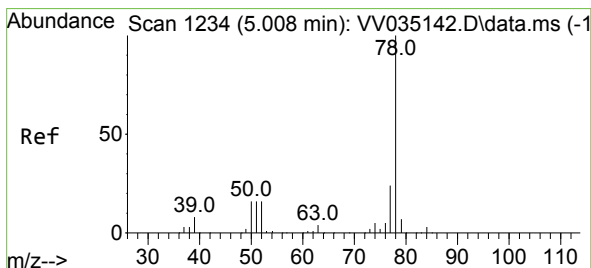
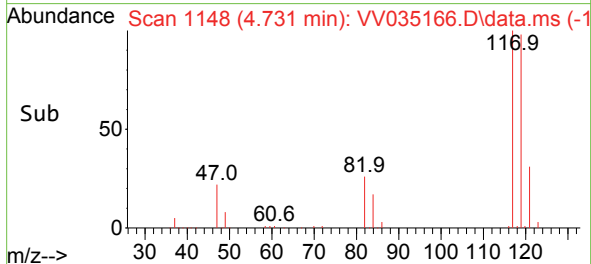
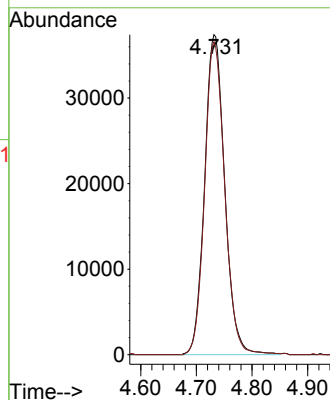
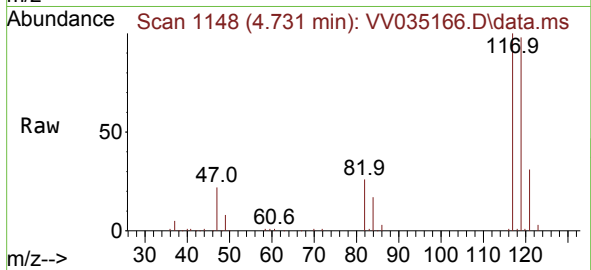




#31
Carbon tetrachloride
Concen: 4.819 ug/L
RT: 4.731 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

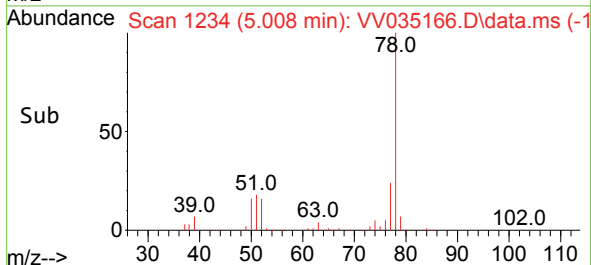
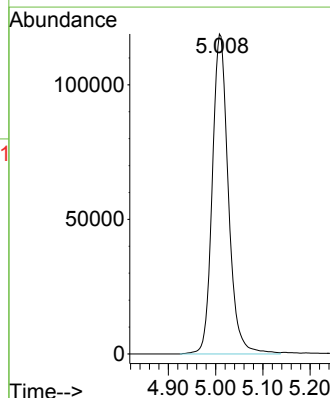
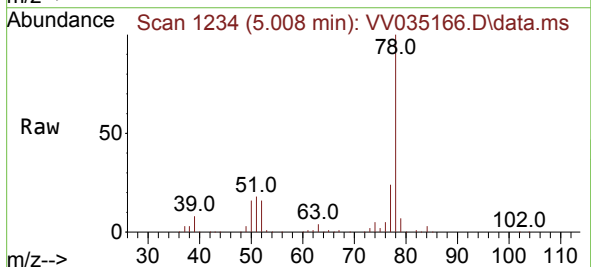
Instrument :
MSVOA_V
ClientSampleId :

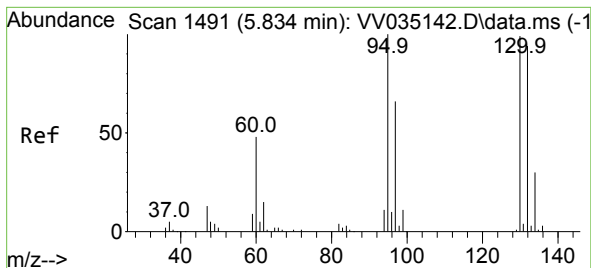
Tgt Ion:117 Resp: 94021
Ion Ratio Lower Upper
117 100
119 97.1 75.8 113.6



#33
Benzene
Concen: 4.946 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

Tgt Ion: 78 Resp: 281674





#34

Trichloroethene

Concen: 4.782 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

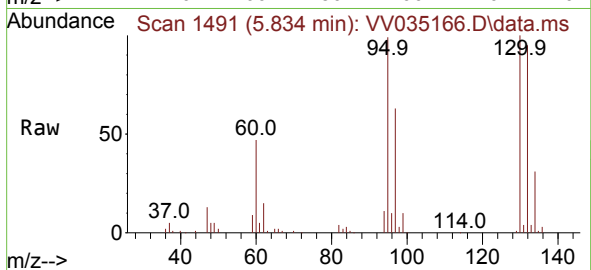
Lab File: VV035166.D

Acq: 12 Apr 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 70955

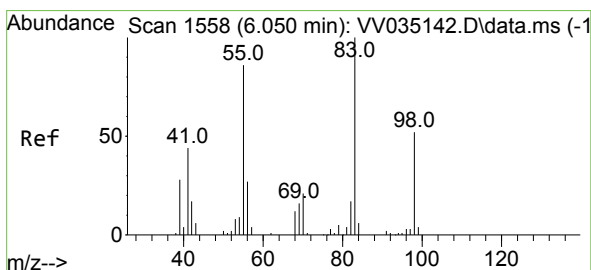
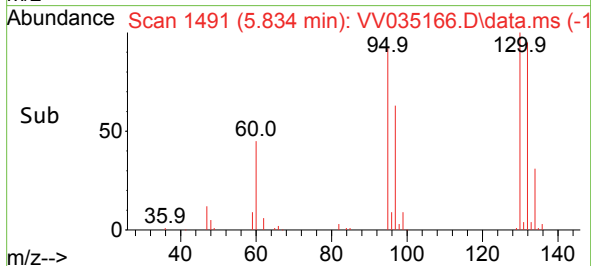
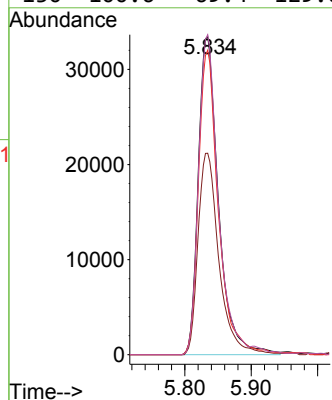
Ion Ratio Lower Upper

95 100

97 63.3 46.8 86.8

132 95.7 68.0 126.4

130 100.6 69.4 129.0



#35

Methylcyclohexane

Concen: 4.404 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.003 min

Lab File: VV035166.D

Acq: 12 Apr 2024 11:41

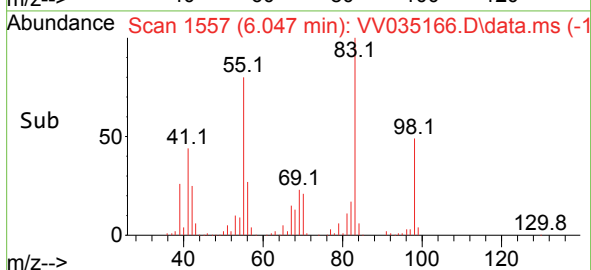
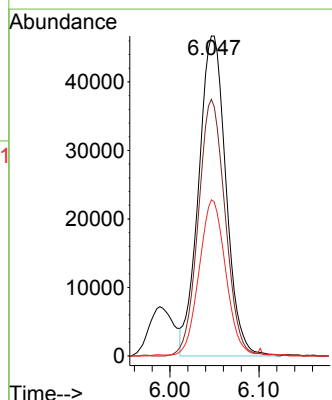
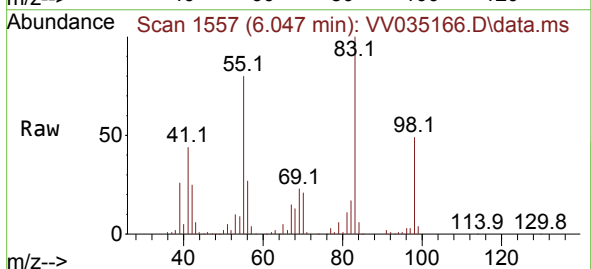
Tgt Ion: 83 Resp: 99527

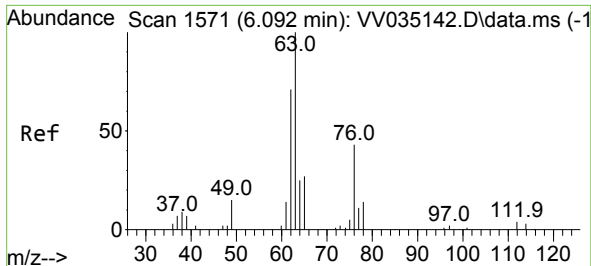
Ion Ratio Lower Upper

83 100

55 78.9 60.6 91.0

98 46.6 37.8 56.6





#37

1,2-Dichloropropane

Concen: 5.342 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV035166.D

Acq: 12 Apr 2024 11:41

Instrument :

MSVOA_V

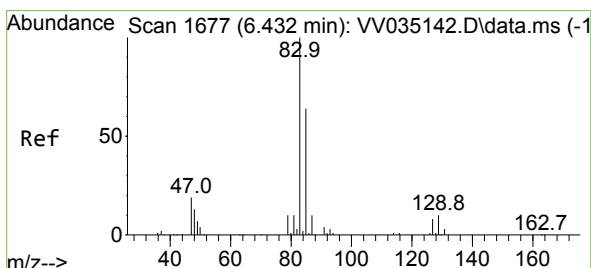
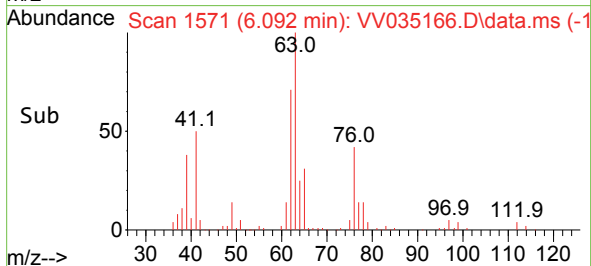
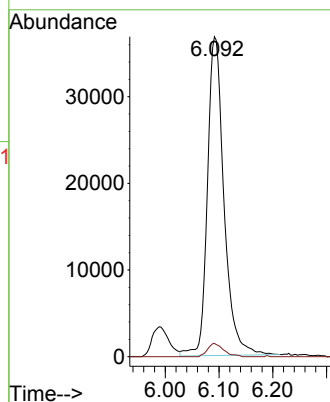
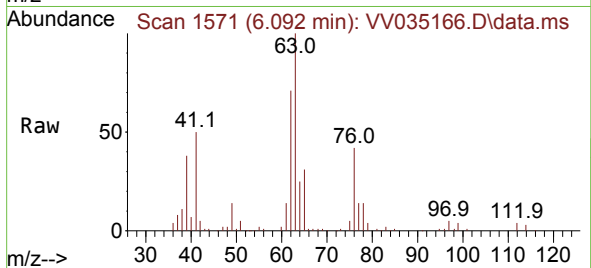
ClientSampleId :

Tgt Ion: 63 Resp: 78886

Ion Ratio Lower Upper

63 100

112 4.0 3.5 5.3



#38

Bromodichloromethane

Concen: 5.183 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV035166.D

Acq: 12 Apr 2024 11:41

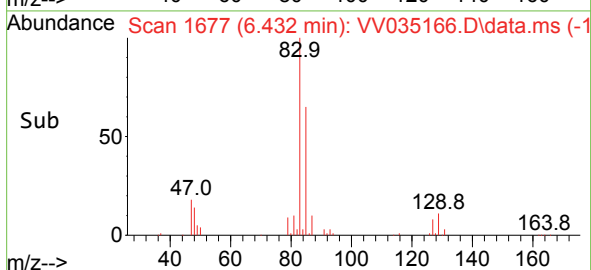
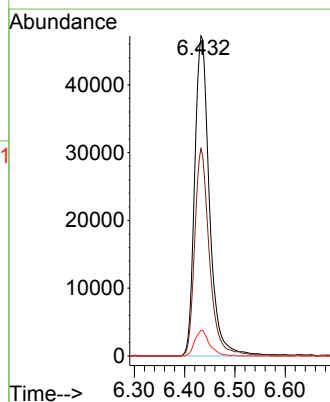
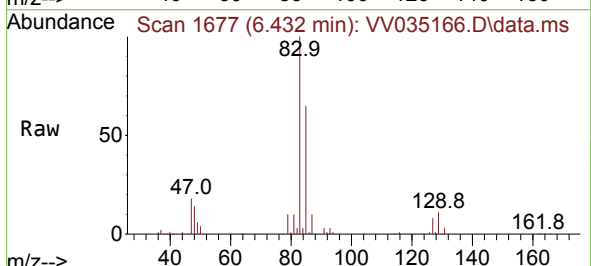
Tgt Ion: 83 Resp: 96563

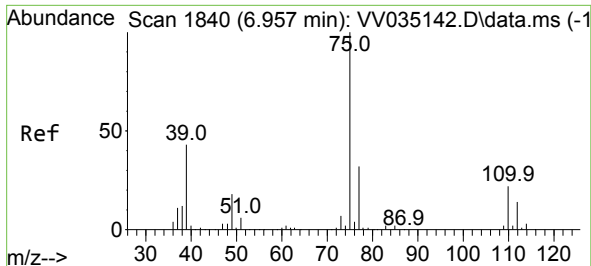
Ion Ratio Lower Upper

83 100

85 64.8 43.6 81.0

127 8.1 6.2 9.2

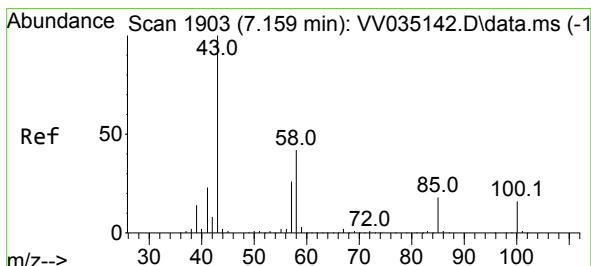
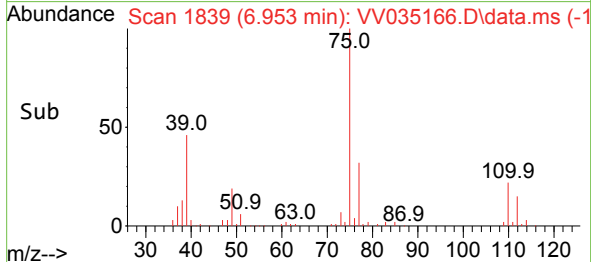
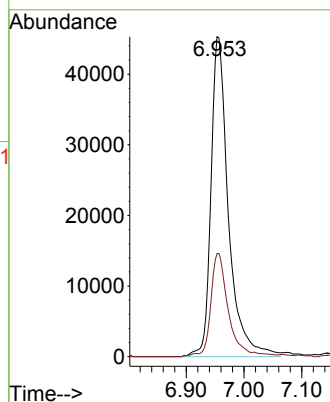
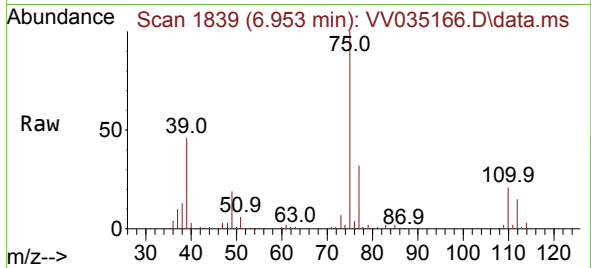




#39
 cis-1,3-Dichloropropene
 Concen: 4.802 ug/L
 RT: 6.953 min Scan# 1839
 Delta R.T. -0.003 min
 Lab File: VV035166.D
 Acq: 12 Apr 2024 11:41

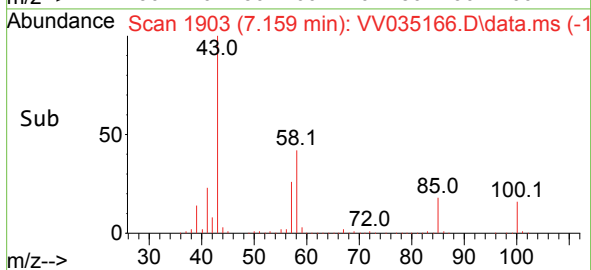
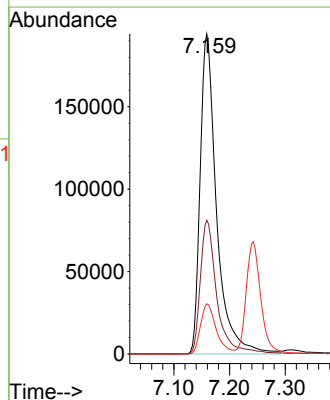
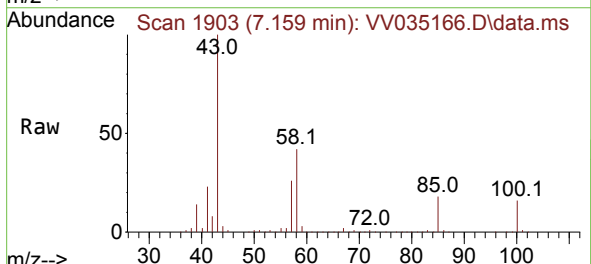
Instrument :
 MSVOA_V
 ClientSampleId :

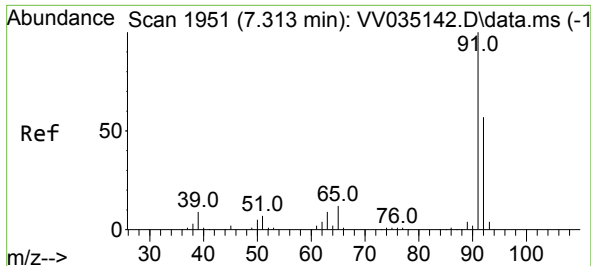
Tgt Ion: 75 Resp: 95250
 Ion Ratio Lower Upper
 75 100
 77 32.2 20.6 38.4



#40
 4-Methyl-2-pentanone
 Concen: 59.757 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VV035166.D
 Acq: 12 Apr 2024 11:41

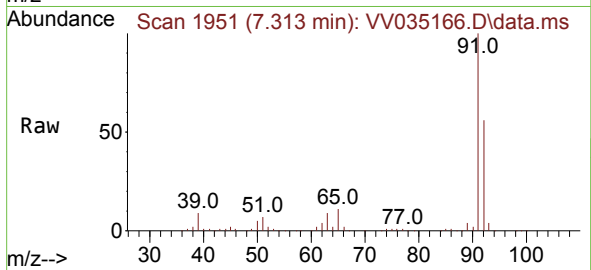
Tgt Ion: 43 Resp: 398151
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.8 50.6
 100 15.0 11.9 17.9



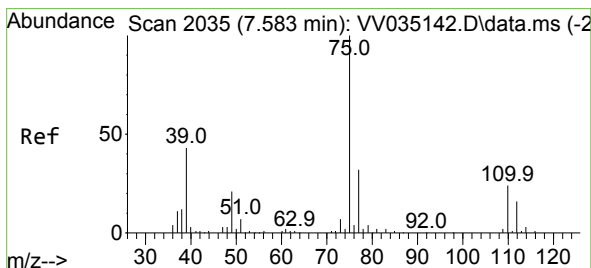
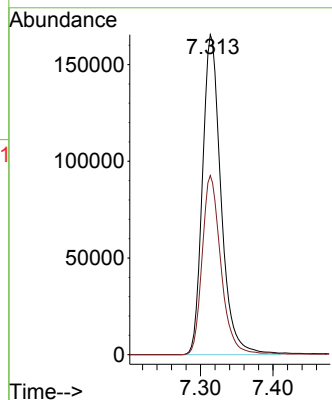
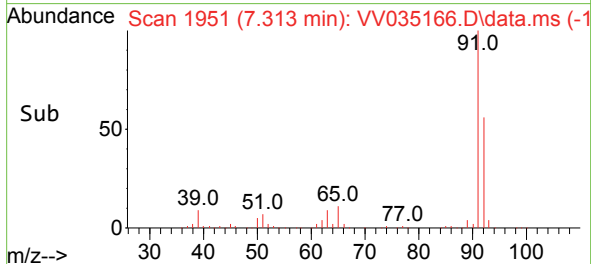


#42
Toluene
Concen: 4.912 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

Instrument : MSVOA_V
ClientSampleId :

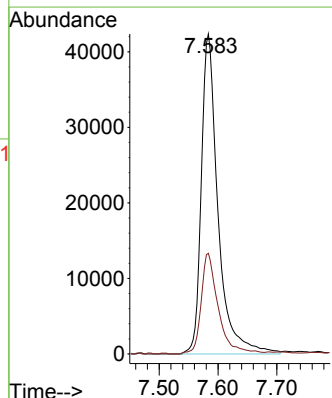
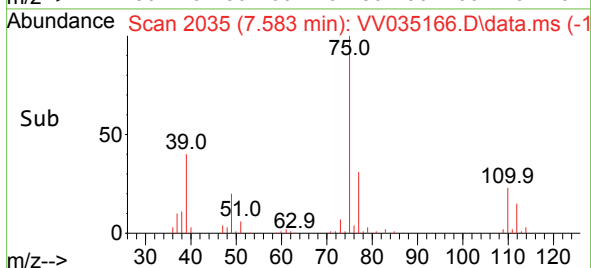
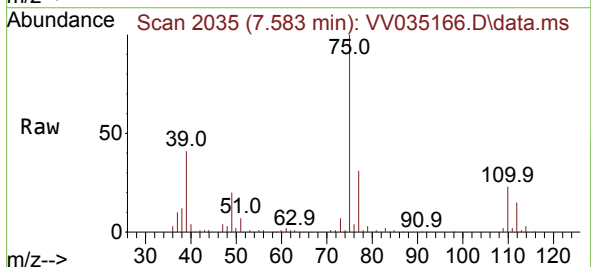


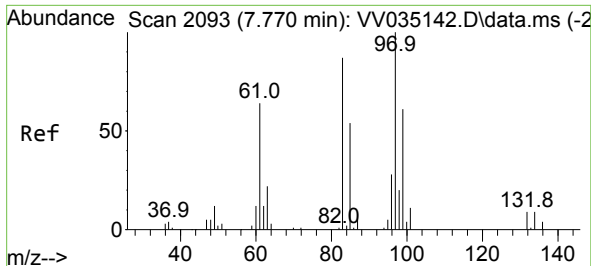
Tgt Ion: 91 Resp: 294097
Ion Ratio Lower Upper
91 100
92 56.0 38.9 72.2



#44
trans-1,3-Dichloropropene
Concen: 5.074 ug/L
RT: 7.583 min Scan# 2035
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

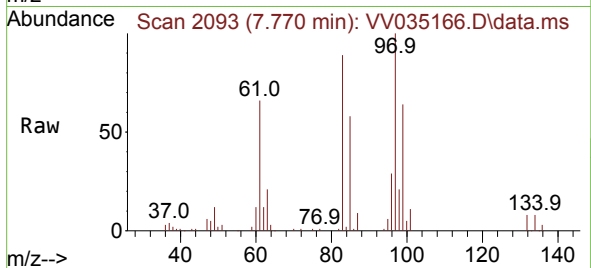
Tgt Ion: 75 Resp: 83444
Ion Ratio Lower Upper
75 100
77 31.5 22.7 42.3



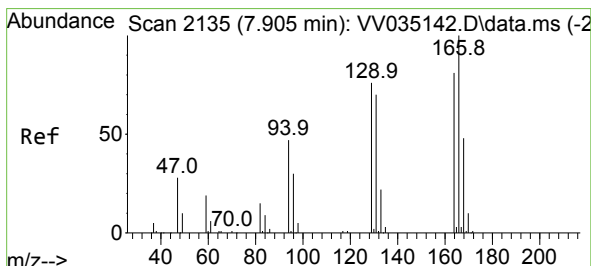
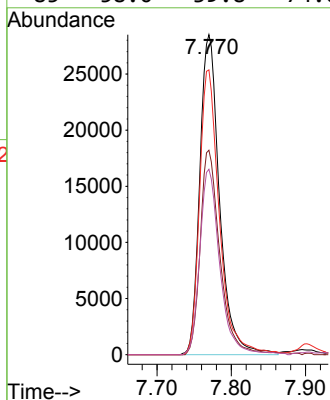
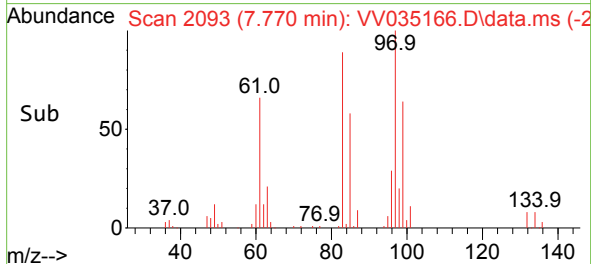


#45
1,1,2-Trichloroethane
Concen: 5.440 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

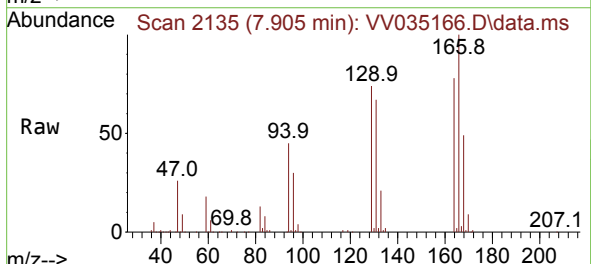
Instrument :
MSVOA_V
ClientSampleId :



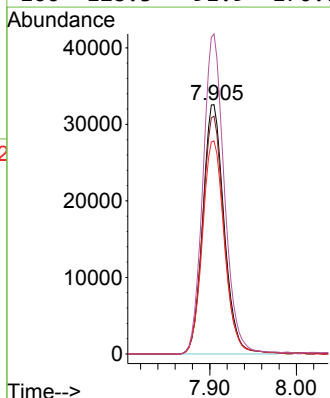
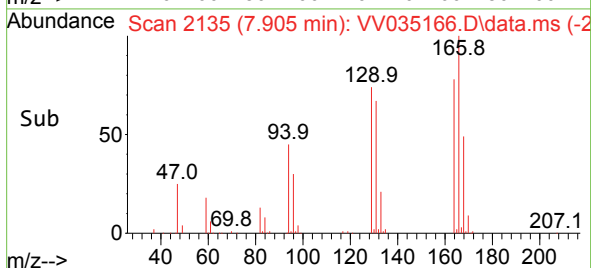
Tgt Ion:	97	Resp:	52780
Ion	Ratio	Lower	Upper
97	100		
99	63.9	44.5	82.7
83	89.0	63.2	117.4
85	58.0	39.8	74.0

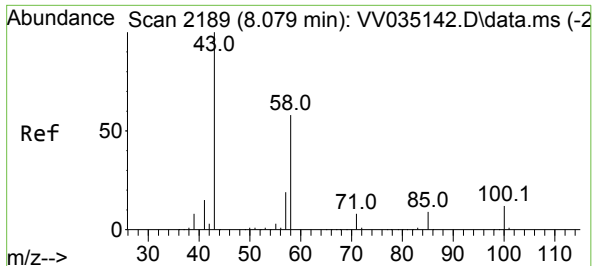


#47
Tetrachloroethene
Concen: 5.001 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41



Tgt Ion:	164	Resp:	55758
Ion	Ratio	Lower	Upper
164	100		
129	95.4	66.0	122.6
131	85.5	63.0	117.0
166	128.3	91.9	170.7



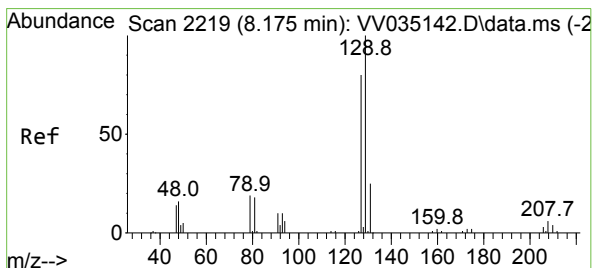
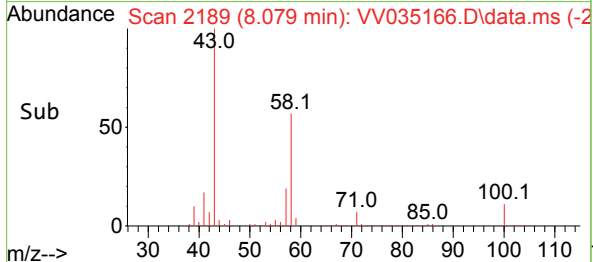
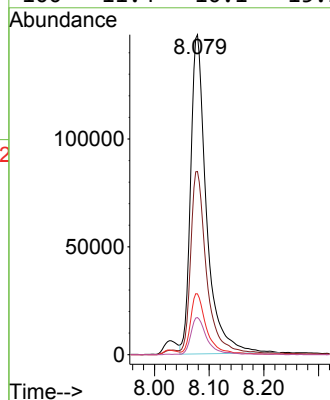
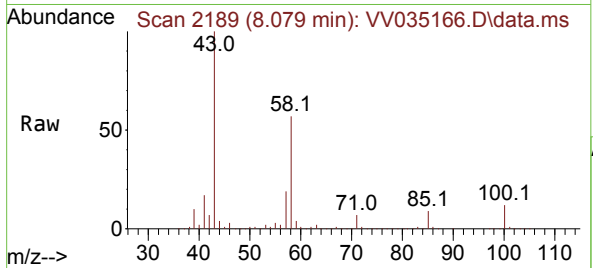


#48
2-Hexanone
Concen: 59.250 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 298024

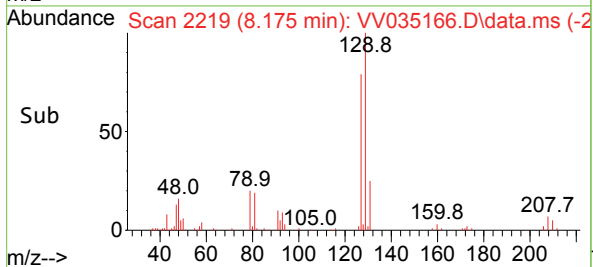
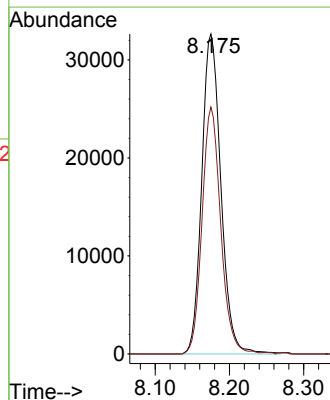
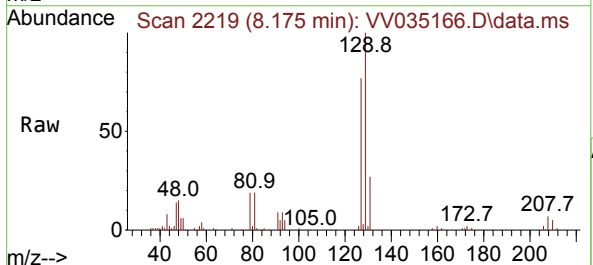
Ion	Ratio	Lower	Upper
43	100		
58	56.9	48.2	72.4
57	19.3	15.6	23.4
100	11.4	10.1	15.1

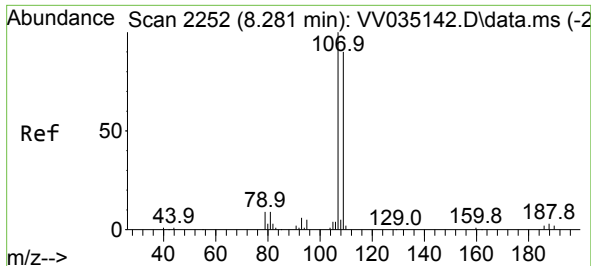


#49
Dibromochloromethane
Concen: 5.126 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

Tgt Ion: 129 Resp: 58544

Ion	Ratio	Lower	Upper
129	100		
127	77.1	56.4	104.7





#50

1,2-Dibromoethane

Concen: 5.247 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV035166.D

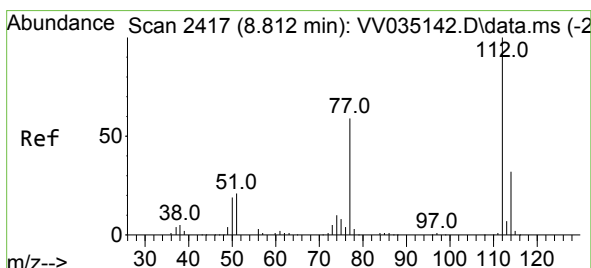
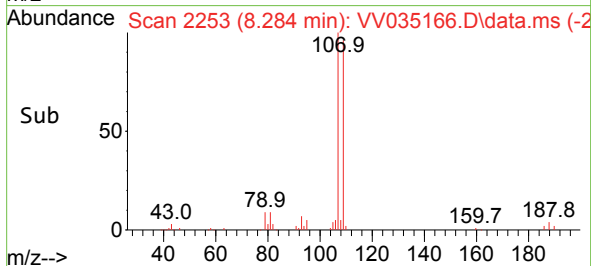
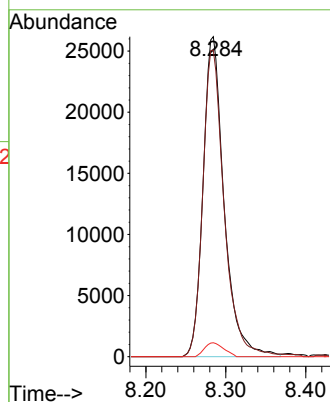
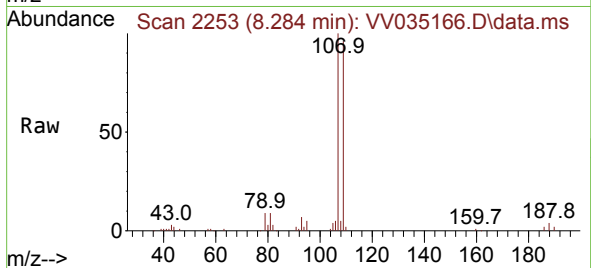
Acq: 12 Apr 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	47932
Ion	Ratio	Lower	Upper
107	100		
109	95.8	66.1	122.8
188	4.4	3.2	4.8



#51

Chlorobenzene

Concen: 4.865 ug/L

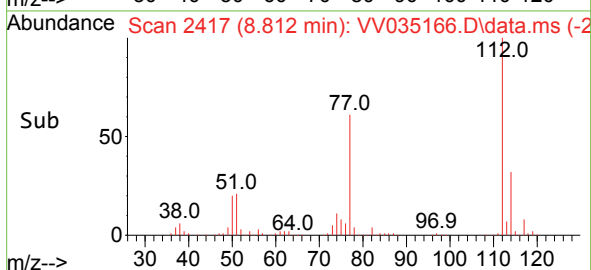
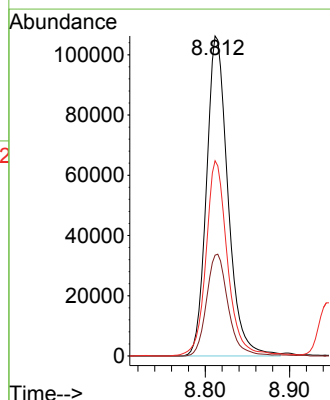
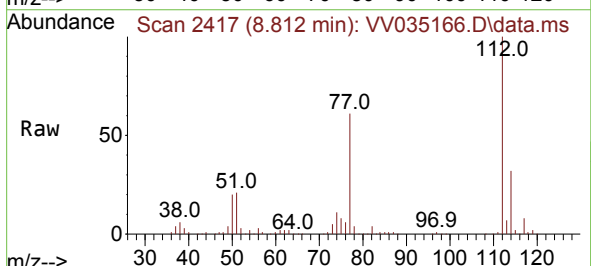
RT: 8.812 min Scan# 2417

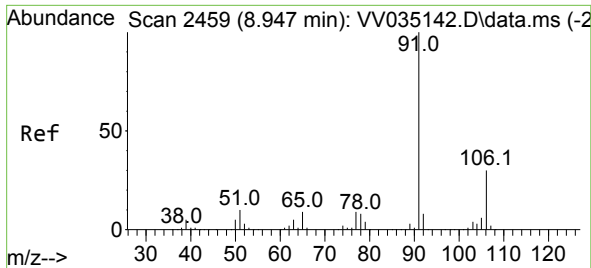
Delta R.T. -0.000 min

Lab File: VV035166.D

Acq: 12 Apr 2024 11:41

Tgt Ion:	112	Resp:	188160
Ion	Ratio	Lower	Upper
112	100		
114	31.5	21.9	40.7
77	61.0	47.4	71.2

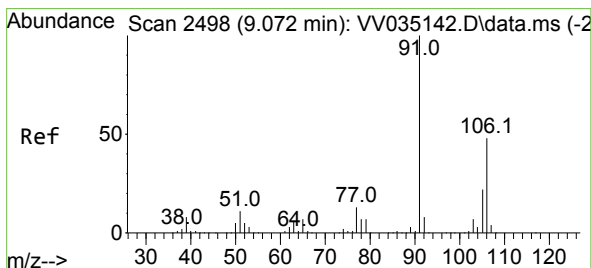
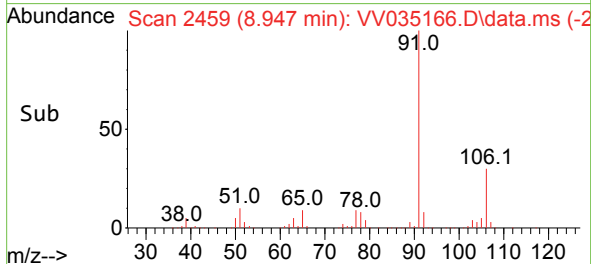
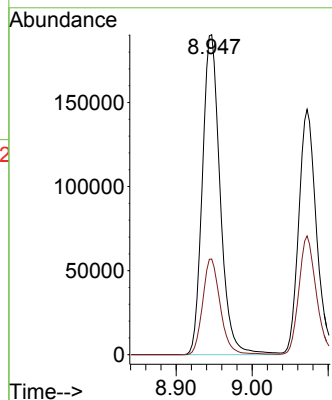
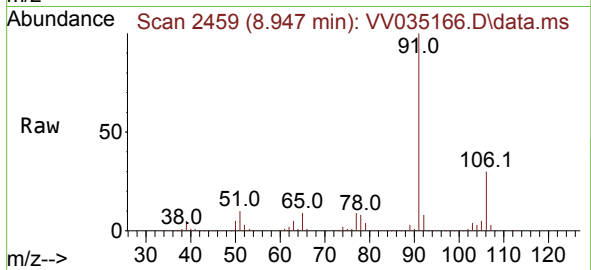




#52
Ethylbenzene
Concen: 4.778 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

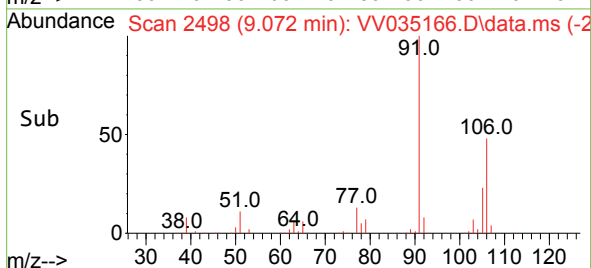
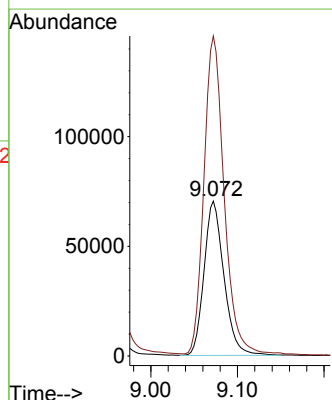
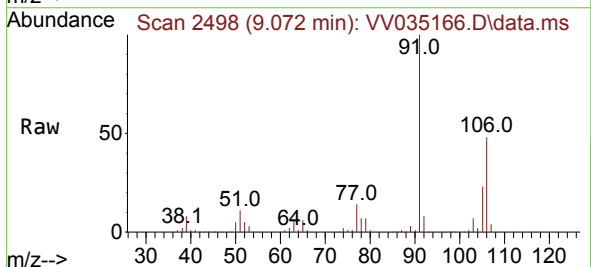
Instrument :
MSVOA_V
ClientSampleId :

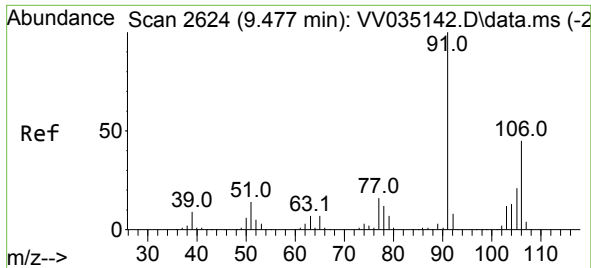
Tgt Ion: 91 Resp: 308970
Ion Ratio Lower Upper
91 100
106 29.9 21.2 39.4



#53
m,p-Xylene
Concen: 4.741 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

Tgt Ion: 106 Resp: 112568
Ion Ratio Lower Upper
106 100
91 206.7 145.7 270.7

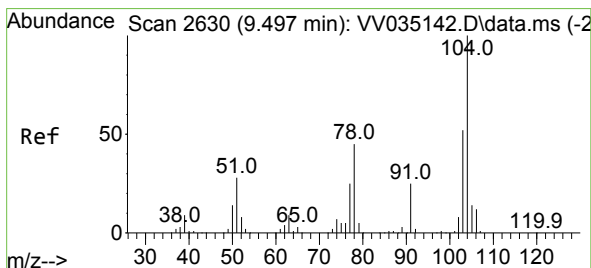
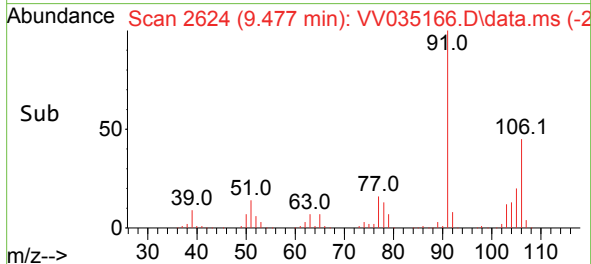
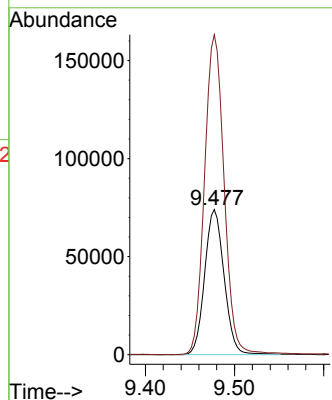
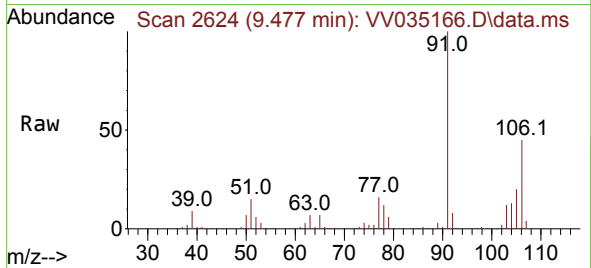




#54
o-Xylene
Concen: 4.828 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

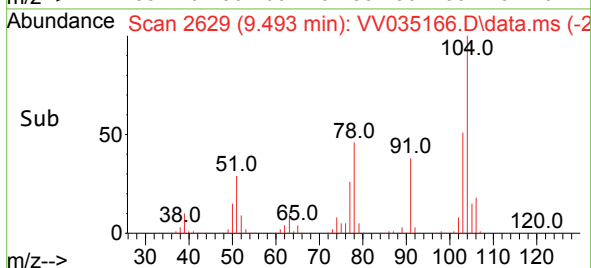
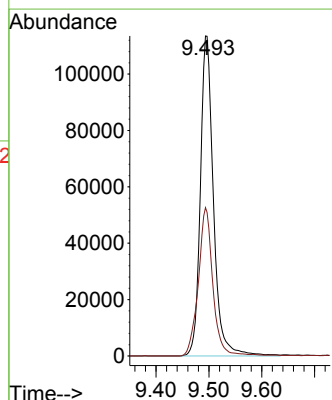
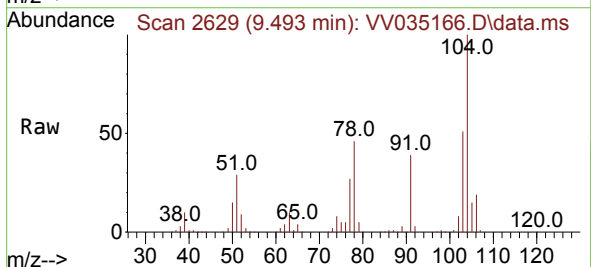
Instrument :
MSVOA_V
ClientSampleId :

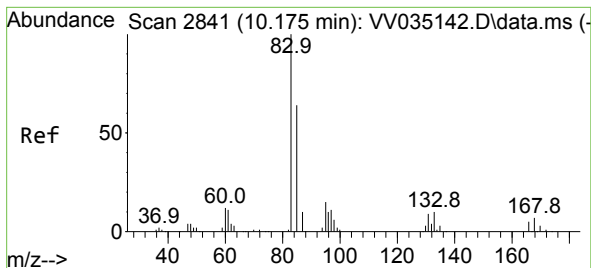
Tgt Ion:106 Resp: 112471
Ion Ratio Lower Upper
106 100
91 220.5 151.2 280.8



#55
Styrene
Concen: 5.226 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.003 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

Tgt Ion:104 Resp: 195754
Ion Ratio Lower Upper
104 100
78 46.4 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.643 ug/L

RT: 10.178 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV035166.D

Acq: 12 Apr 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :

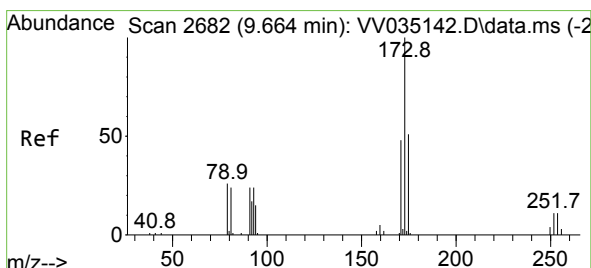
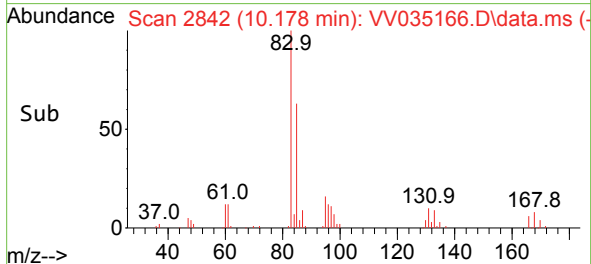
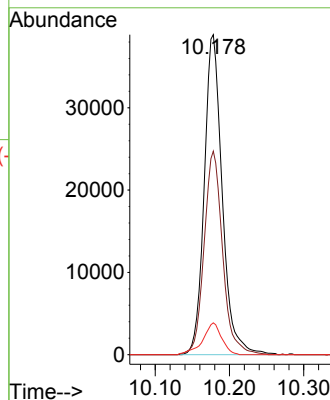
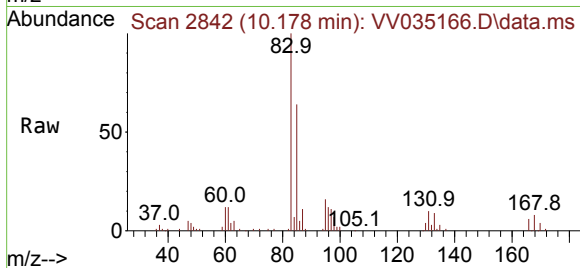
Tgt Ion: 83 Resp: 65447

Ion Ratio Lower Upper

83 100

85 63.6 45.7 84.9

131 10.0 7.6 11.4



#59

Bromoform

Concen: 5.098 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.003 min

Lab File: VV035166.D

Acq: 12 Apr 2024 11:41

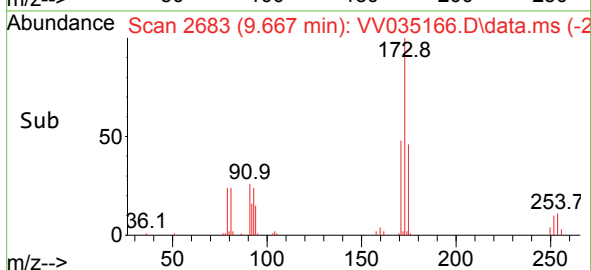
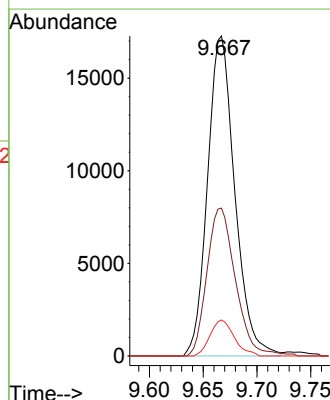
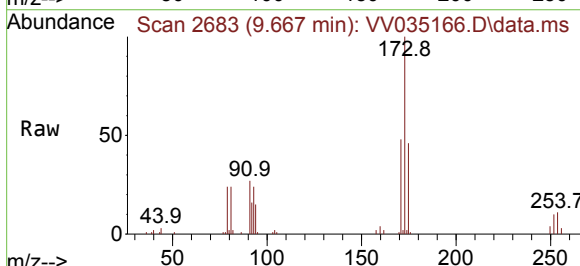
Tgt Ion: 173 Resp: 30527

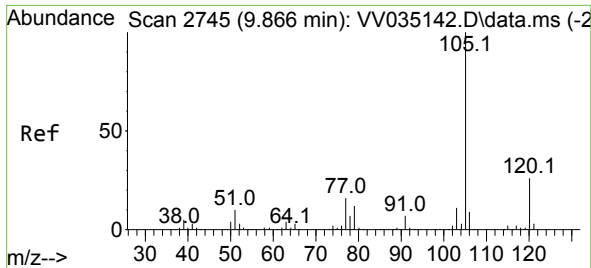
Ion Ratio Lower Upper

173 100

175 48.3 37.8 56.8

254 10.0 7.8 11.6

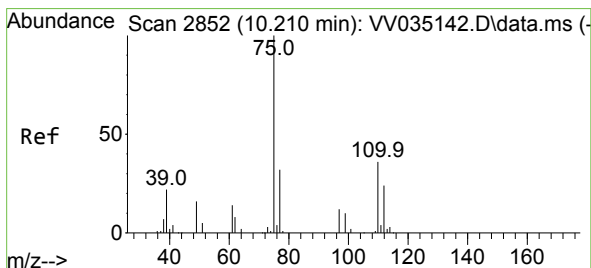
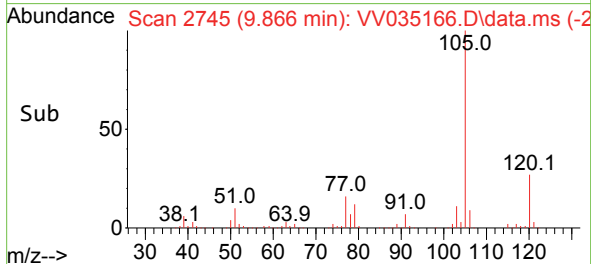
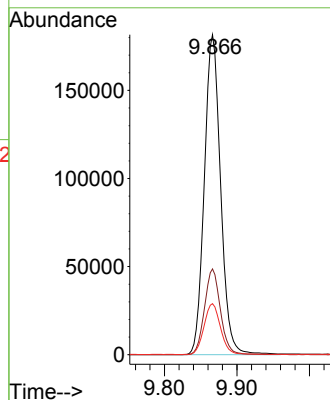
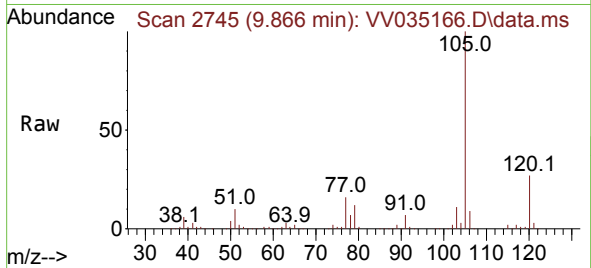




#60
Isopropylbenzene
Concen: 4.714 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

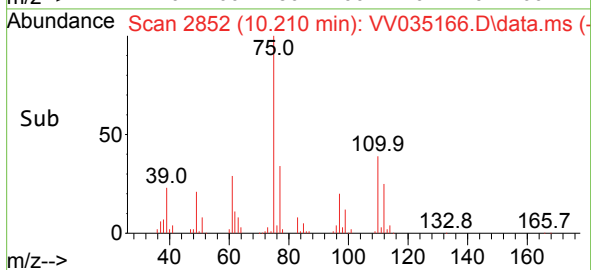
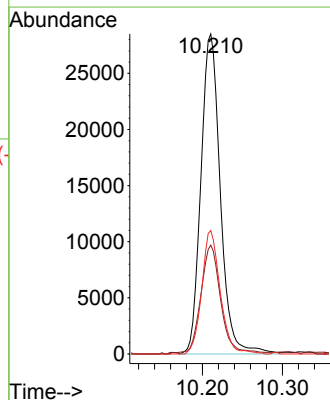
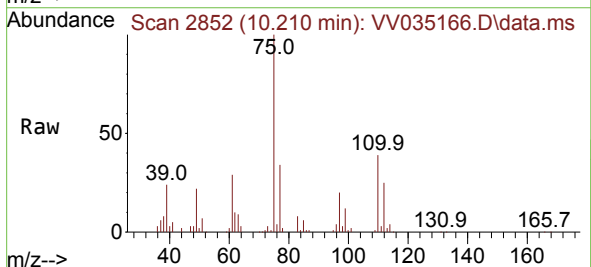
Instrument :
MSVOA_V
ClientSampleId :

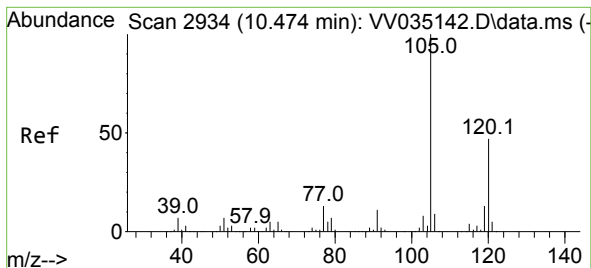
Tgt Ion:105 Resp: 283836
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4
77 16.0 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 5.359 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

Tgt Ion: 75 Resp: 48191
Ion Ratio Lower Upper
75 100
77 33.2 24.8 37.2
110 36.7 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 4.548 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035166.D

Acq: 12 Apr 2024 11:41

Instrument :

MSVOA_V

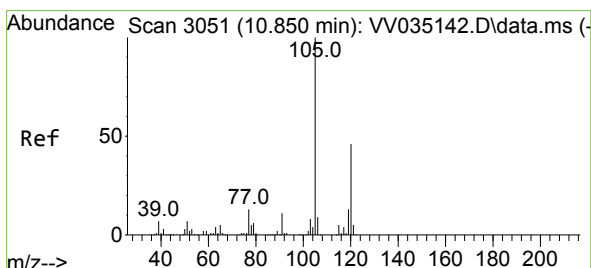
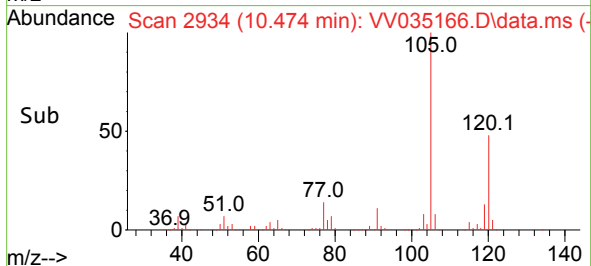
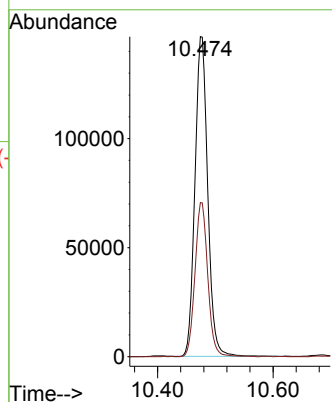
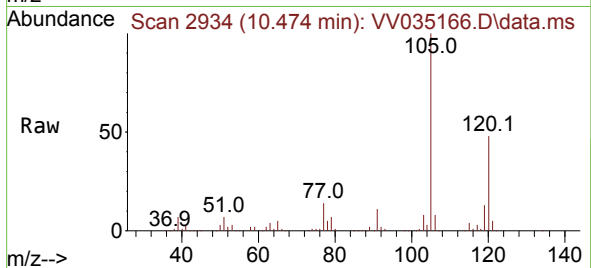
ClientSampleId :

Tgt Ion:105 Resp: 224948

Ion Ratio Lower Upper

105 100

120 48.3 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 4.701 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV035166.D

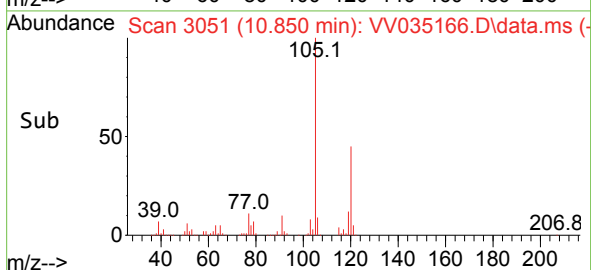
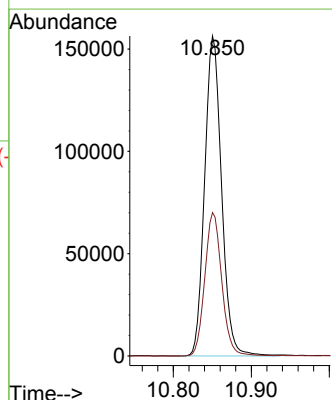
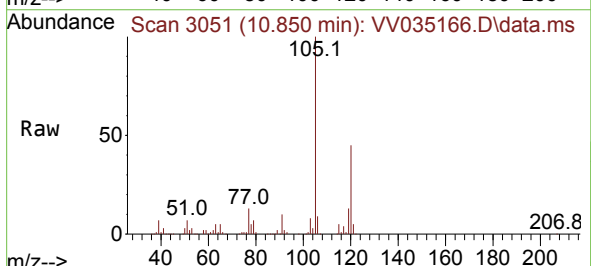
Acq: 12 Apr 2024 11:41

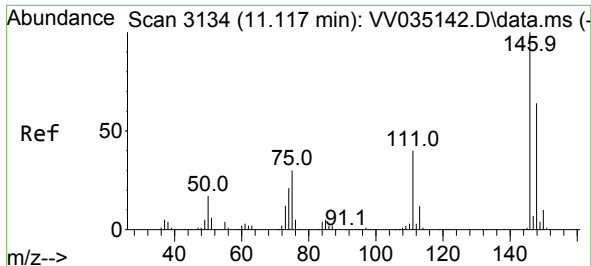
Tgt Ion:105 Resp: 235921

Ion Ratio Lower Upper

105 100

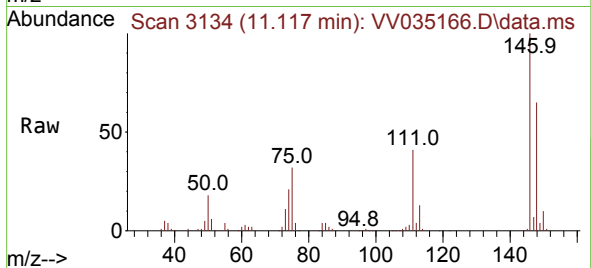
120 45.0 35.8 53.8



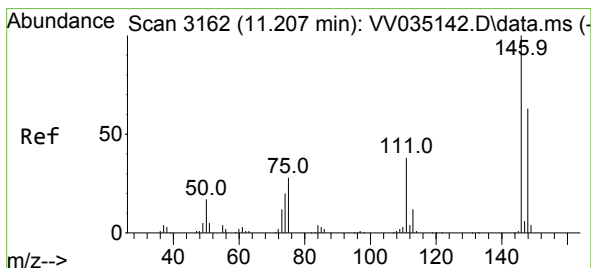
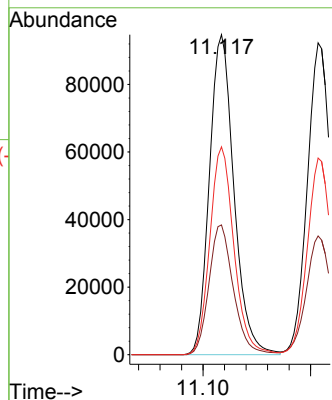
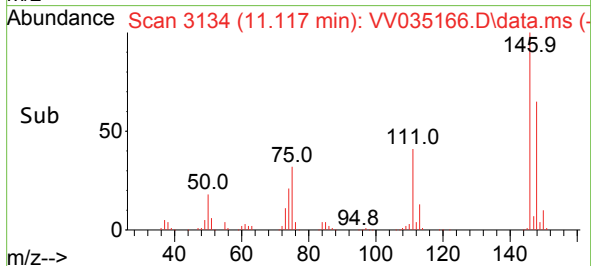


#64
1,3-Dichlorobenzene
Concen: 4.879 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

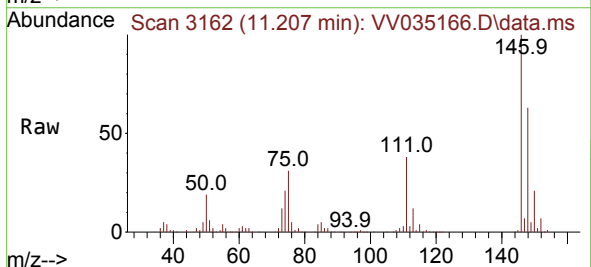
Instrument :
MSVOA_V
ClientSampleId :



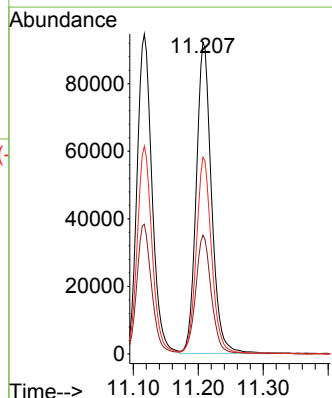
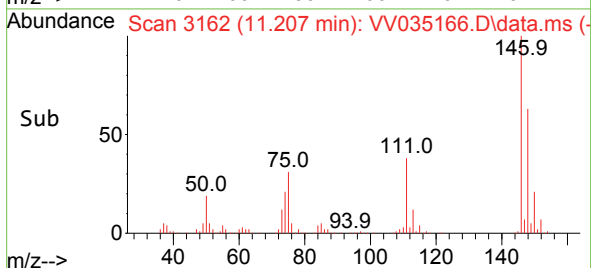
Tgt Ion:146 Resp: 149928
Ion Ratio Lower Upper
146 100
111 40.5 27.7 51.5
148 64.9 44.0 81.8

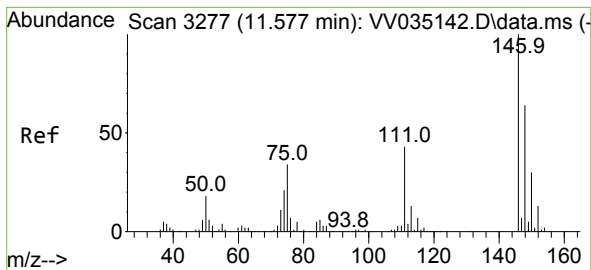


#65
1,4-Dichlorobenzene
Concen: 4.880 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41



Tgt Ion:146 Resp: 150204
Ion Ratio Lower Upper
146 100
111 38.1 27.3 50.7
148 63.1 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 4.959 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035166.D

Acq: 12 Apr 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :

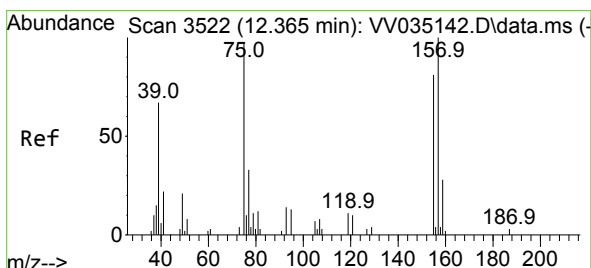
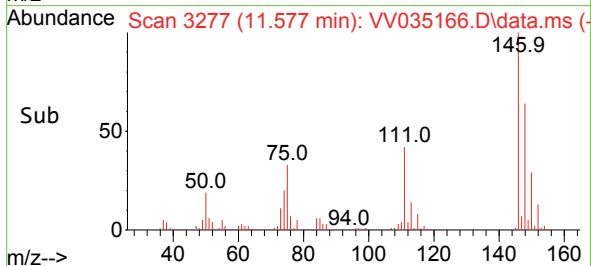
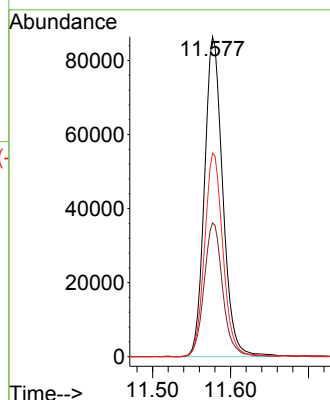
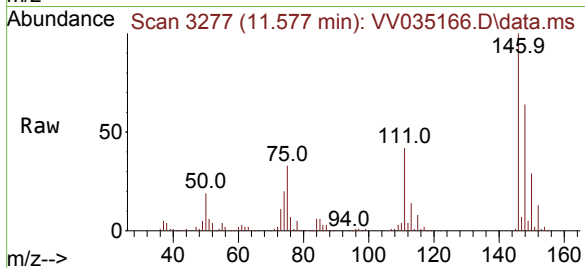
Tgt Ion:146 Resp: 140768

Ion Ratio Lower Upper

146 100

111 41.8 33.9 50.9

148 63.7 49.3 73.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.198 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV035166.D

Acq: 12 Apr 2024 11:41

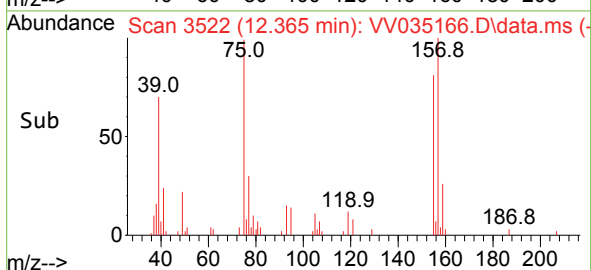
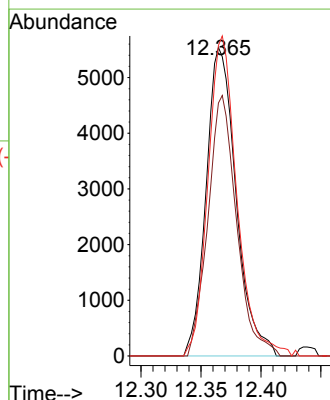
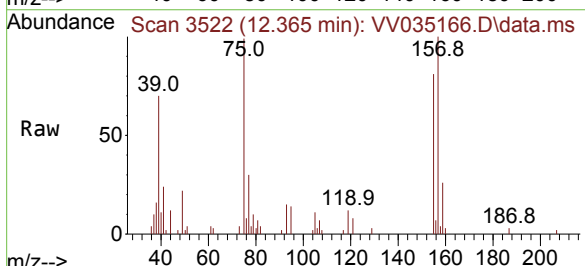
Tgt Ion: 75 Resp: 9610

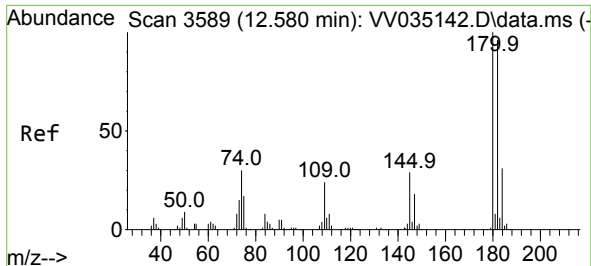
Ion Ratio Lower Upper

75 100

155 82.0 63.4 95.0

157 100.7 78.6 117.8





#69

1,3,5-Trichlorobenzene

Concen: 4.820 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

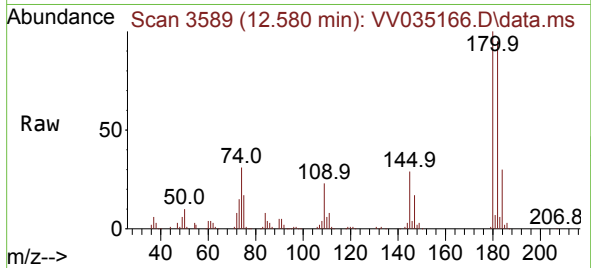
Lab File: VV035166.D

Acq: 12 Apr 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 111213

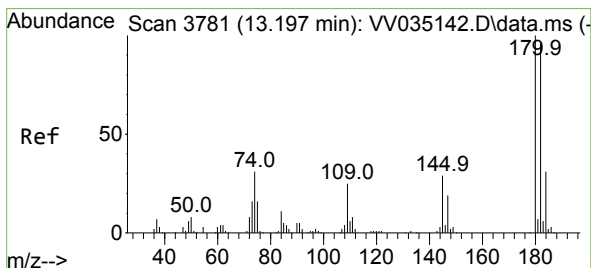
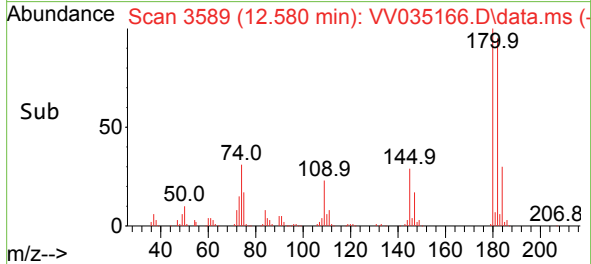
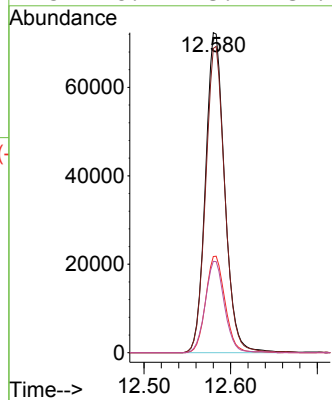
Ion Ratio Lower Upper

180 100

182 95.9 77.3 115.9

184 30.3 24.1 36.1

145 28.7 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 5.088 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV035166.D

Acq: 12 Apr 2024 11:41

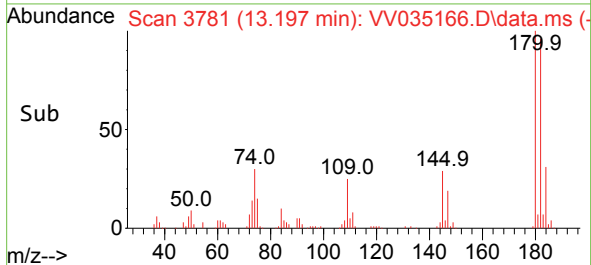
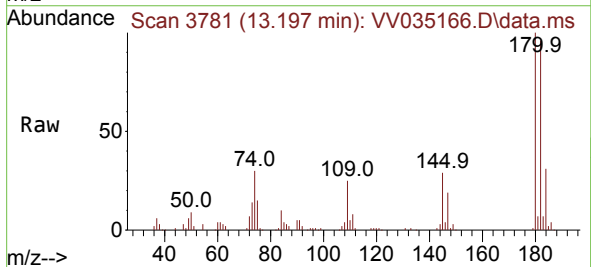
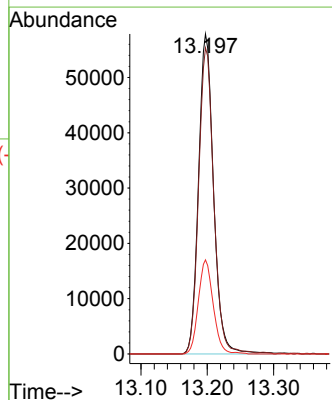
Tgt Ion:180 Resp: 91185

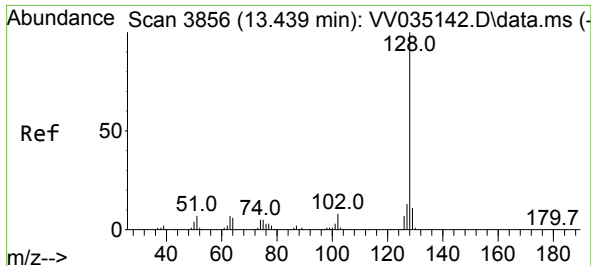
Ion Ratio Lower Upper

180 100

182 96.2 75.3 112.9

145 29.2 23.4 35.0

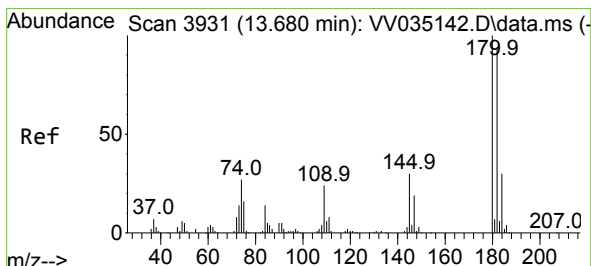
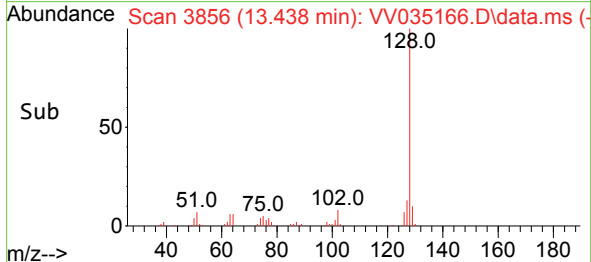
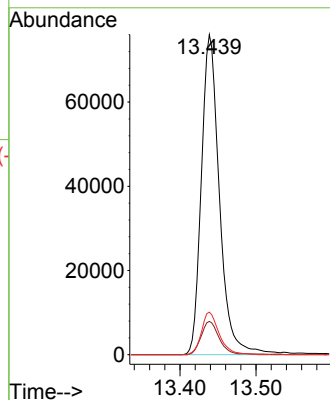
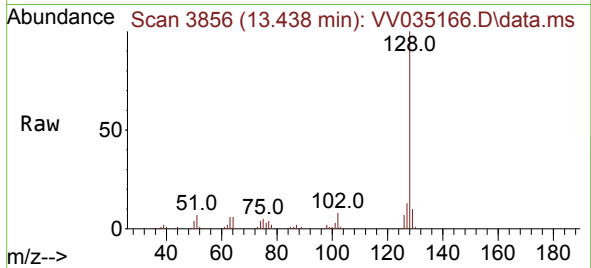




#71
Naphthalene
Concen: 4.986 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 125580
Ion Ratio Lower Upper
128 100
129 10.2 8.6 12.8
127 13.1 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 5.336 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV035166.D
Acq: 12 Apr 2024 11:41

Tgt Ion:180 Resp: 84110
Ion Ratio Lower Upper
180 100
182 96.7 77.0 115.4
145 31.4 25.4 38.2

