

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041224\
 Data File : VW035191.D
 Acq On : 12 Apr 2024 22:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 13 05:34:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 13 03:40:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	188136	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	189635	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	98606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	47507	3.064	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	61.200%	
7) Chloroethane-d5	1.532	69	49360	3.861	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.200%	
11) 1,1-Dichloroethene-d2	2.056	65	24333	3.455	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.200%	
20) 2-Butanone-d5	3.825	46	145032	59.783	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.560%	
24) Chloroform-d	4.249	84	114590	4.567	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
26) 1,2-Dichloroethane-d4	4.947	65	55472	4.896	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	4.960	84	209902	4.231	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
36) 1,2-Dichloropropane-d6	5.989	67	67506	4.637	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.800%	
41) Toluene-d8	7.243	98	192632	4.275	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.400%	
43) trans-1,3-Dichloroprop...	7.558	79	19524	3.775	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.400%	
46) 2-Hexanone-d5	8.027	63	115987	65.341	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	130.680%#	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	55106	5.425	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	67515	4.347	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	57227	3.952	ug/L	98
3) Chloromethane	1.214	50	76573	4.360	ug/L	99
5) Vinyl chloride	1.282	62	81509	4.340	ug/L	99
6) Bromomethane	1.487	94	35723	3.331	ug/L	98
8) Chloroethane	1.548	64	55886	4.629	ug/L	99
9) Trichlorofluoromethane	1.712	101	113045	4.528	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	68550	4.482	ug/L	98
12) 1,1-Dichloroethene	2.069	96	65299	4.572	ug/L	92
13) Acetone	2.150	43	114250	64.559	ug/L	77
14) Carbon disulfide	2.240	76	165380	3.887	ug/L	100
15) Methyl Acetate	2.391	43	25935	5.309	ug/L	93
16) Methylene chloride	2.445	84	78252	4.994	ug/L	93
17) Methyl tert-butyl Ether	2.706	73	162386	5.280	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	66591	4.703	ug/L	94
19) 1,1-Dichloroethane	3.111	63	144851	5.186	ug/L	99
21) 2-Butanone	3.902	43	147984	52.174	ug/L #	76
22) cis-1,2-Dichloroethene	3.815	96	71723	4.837	ug/L	95
23) Bromochloromethane	4.153	128	32758	5.262	ug/L	99
25) Chloroform	4.278	83	141543	5.102	ug/L	99

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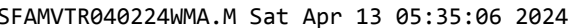
Instrument :
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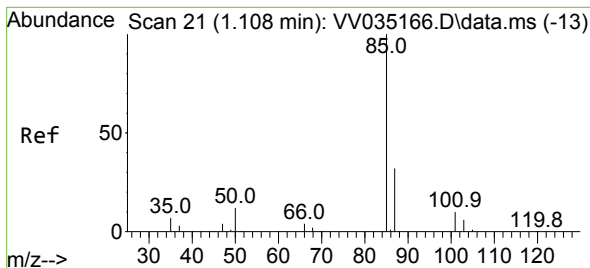
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	84775	5.430	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	114250	4.916	ug/L	98
30) Cyclohexane	4.580	56	91081	4.254	ug/L	98
31) Carbon tetrachloride	4.735	117	96525	4.853	ug/L	99
33) Benzene	5.011	78	286478	4.934	ug/L	100
34) Trichloroethene	5.834	95	71798	4.747	ug/L	98
35) Methylcyclohexane	6.050	83	94068	4.083	ug/L	97
37) 1,2-Dichloropropane	6.092	63	79630	5.290	ug/L	99
38) Bromodichloromethane	6.432	83	96437	5.078	ug/L	96
39) cis-1,3-Dichloropropene	6.957	75	90517	4.476	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	408775	60.185	ug/L	98
42) Toluene	7.313	91	303861	4.979	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	79085	4.718	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	54439	5.504	ug/L	97
47) Tetrachloroethene	7.905	164	55537	4.887	ug/L	99
48) 2-Hexanone	8.075	43	305083	59.501	ug/L	96
49) Dibromochloromethane	8.175	129	57244	4.917	ug/L	98
50) 1,2-Dibromoethane	8.281	107	50600	5.434	ug/L	98
51) Chlorobenzene	8.815	112	192848	4.891	ug/L	99
52) Ethylbenzene	8.947	91	311291	4.723	ug/L	100
53) m,p-Xylene	9.072	106	115258	4.762	ug/L	98
54) o-Xylene	9.477	106	112875	4.753	ug/L	98
55) Styrene	9.497	104	199430	5.223	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	69207	5.854	ug/L	99
59) Bromoform	9.667	173	28021	4.572	ug/L	97
60) Isopropylbenzene	9.866	105	285669	4.635	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	49910	5.422	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	222686	4.398	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	237741	4.629	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	152180	4.838	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	149758	4.754	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	143547	4.940	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	9669	5.110	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	110855	4.694	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	90030	4.907	ug/L	99
71) Naphthalene	13.439	128	120938	4.691	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	83737	5.190	ug/L	100

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

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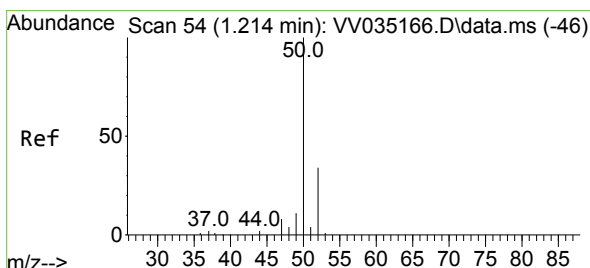
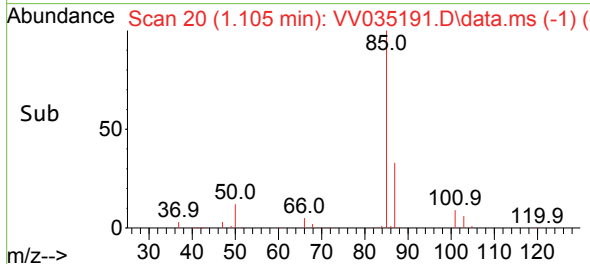
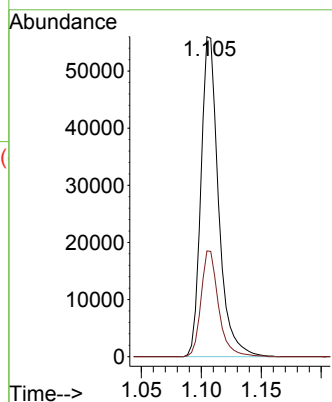
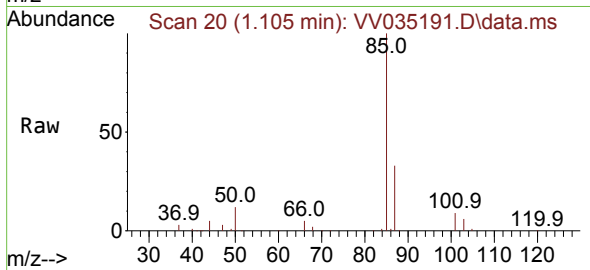




#2
 Dichlorodifluoromethane
 Concen: 3.952 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV035191.D
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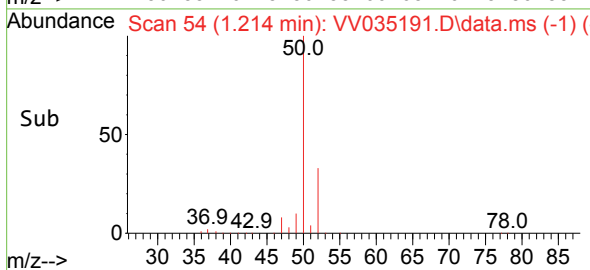
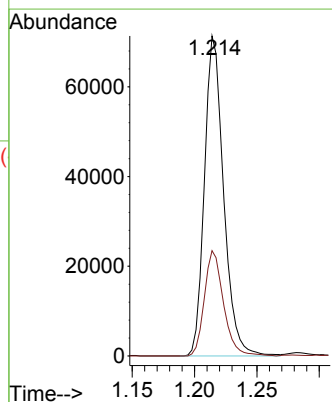
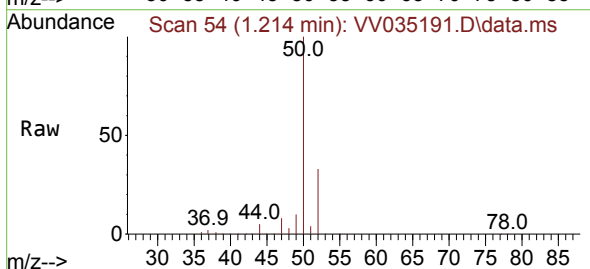
Instrument :
 MSVOA_V
 ClientSampleId :

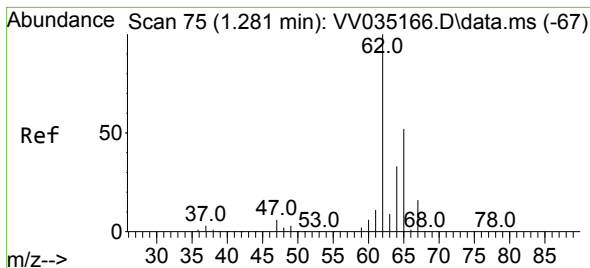
Tgt Ion: 85 Resp: 57227
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.7 38.5



#3
 Chloromethane
 Concen: 4.360 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035191.D
 Acq: 12 Apr 2024 22:15

Tgt Ion: 50 Resp: 76573
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.4 43.4





#5

Vinyl chloride

Concen: 4.340 ug/L

RT: 1.282 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

Instrument :

MSVOA_V

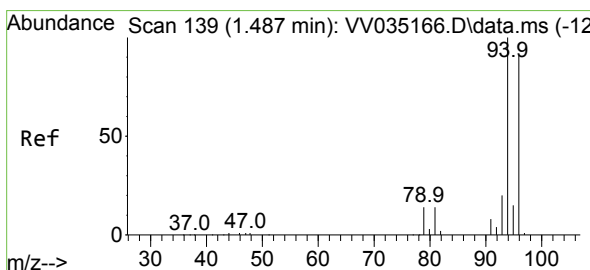
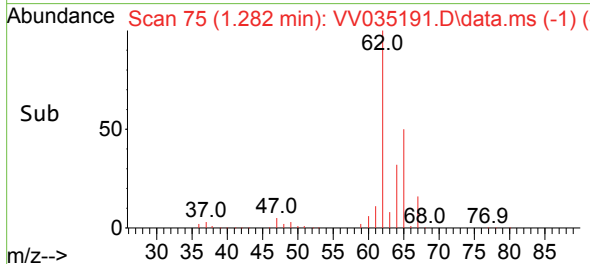
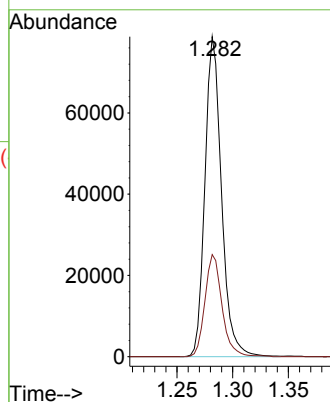
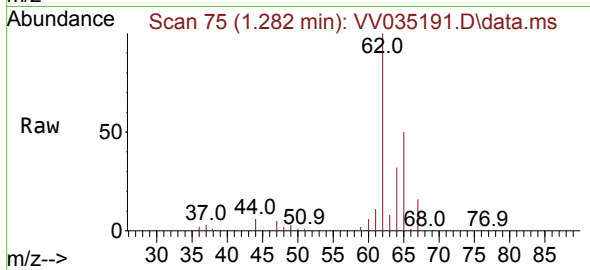
ClientSampleId :

Tgt Ion: 62 Resp: 81509

Ion Ratio Lower Upper

62 100

64 31.9 22.9 42.5



#6

Bromomethane

Concen: 3.331 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV035191.D

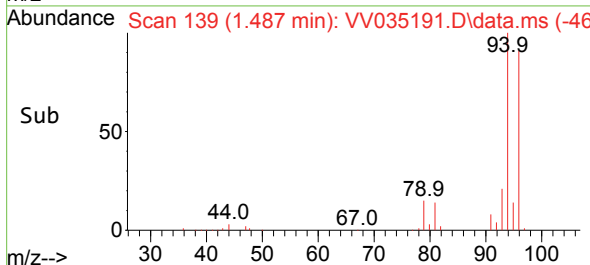
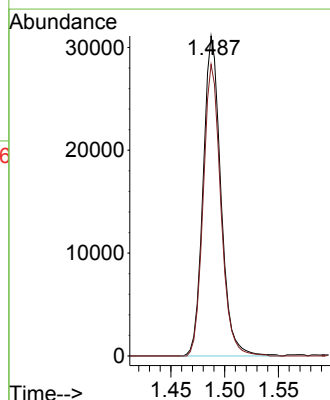
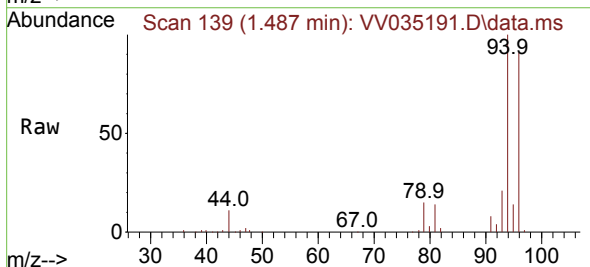
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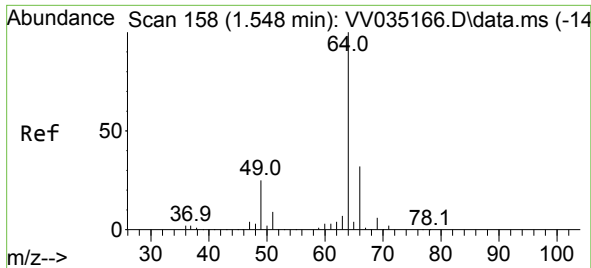
Tgt Ion: 94 Resp: 35723

Ion Ratio Lower Upper

94 100

96 91.1 65.4 121.4

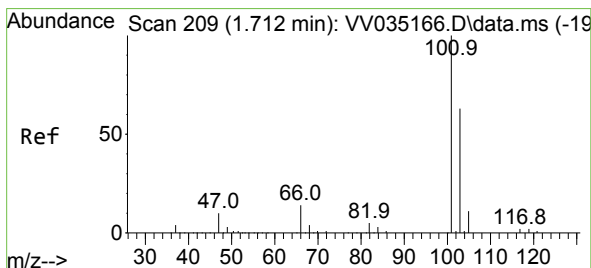
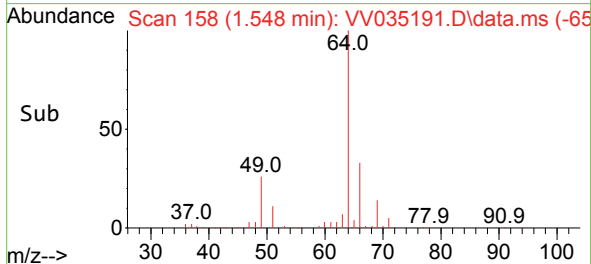
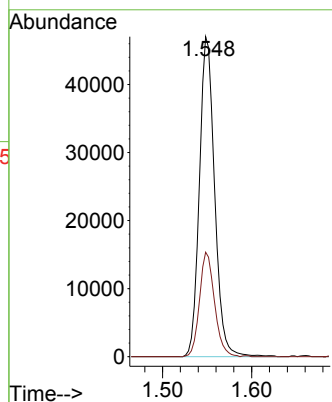
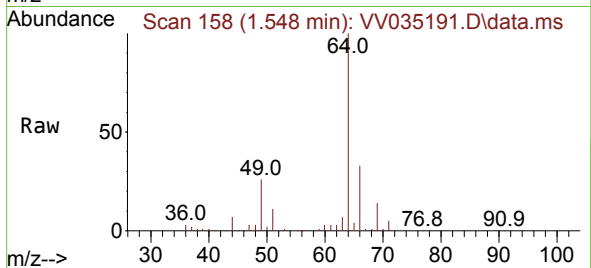




#8
Chloroethane
Concen: 4.629 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15

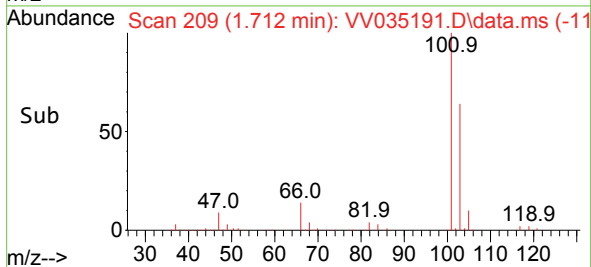
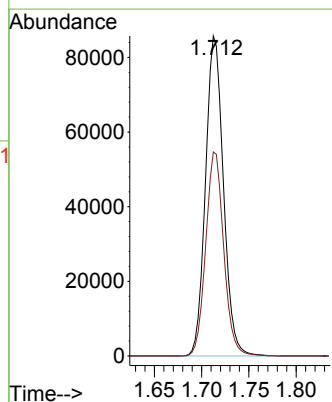
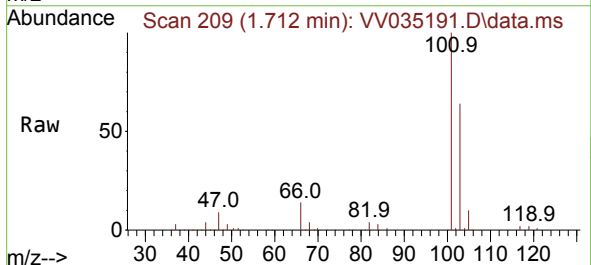
Instrument :
MSVOA_V
ClientSampleId :

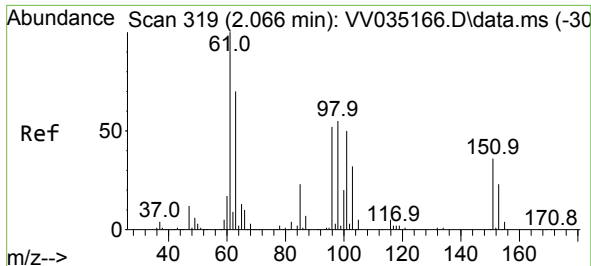
Tgt Ion: 64 Resp: 55886
Ion Ratio Lower Upper
64 100
66 32.7 22.6 42.0



#9
Trichlorofluoromethane
Concen: 4.528 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15

Tgt Ion: 101 Resp: 113045
Ion Ratio Lower Upper
101 100
103 64.0 51.9 77.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.482 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

Instrument :

MSVOA_V

ClientSampleId :

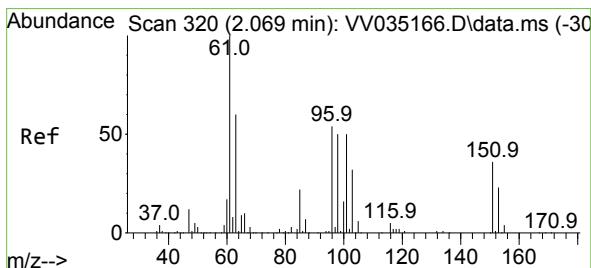
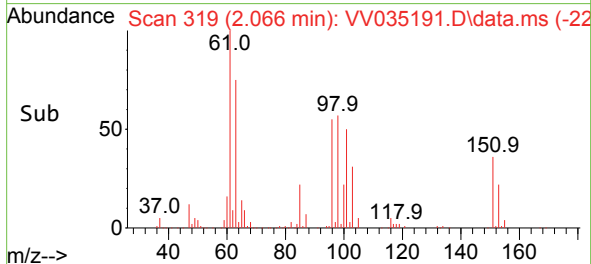
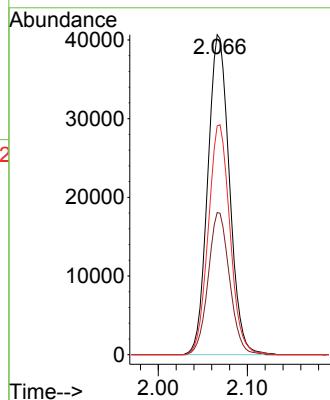
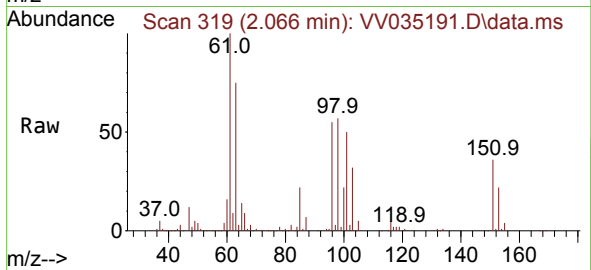
Tgt Ion:101 Resp: 68550

Ion Ratio Lower Upper

101 100

85 43.9 36.2 54.4

151 72.1 56.0 84.0



#12

1,1-Dichloroethene

Concen: 4.572 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

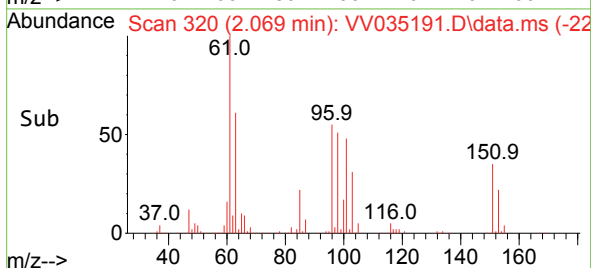
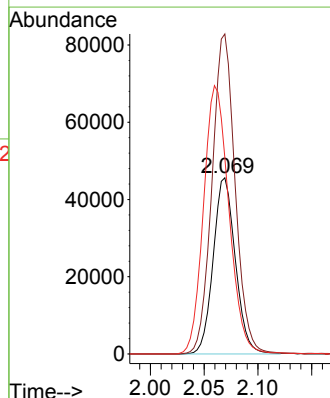
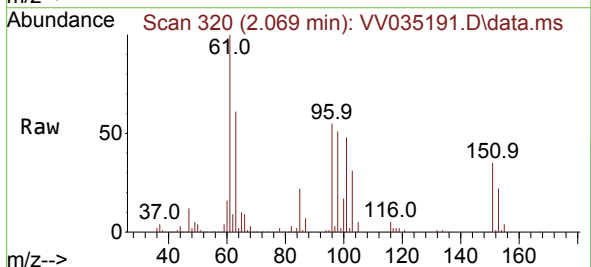
Tgt Ion: 96 Resp: 65299

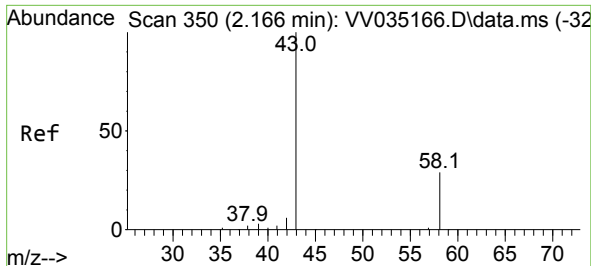
Ion Ratio Lower Upper

96 100

61 181.7 128.1 237.9

63 111.5 93.5 173.7





#13

Acetone

Concen: 64.559 ug/L

RT: 2.150 min Scan# 34

Delta R.T. -0.016 min

Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

Instrument :

MSVOA_V

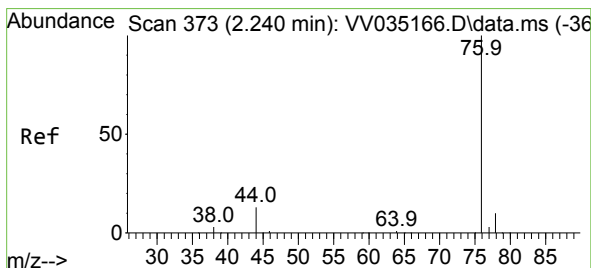
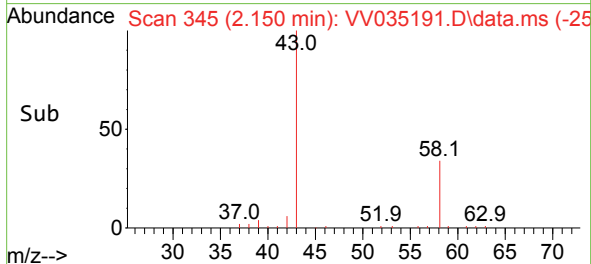
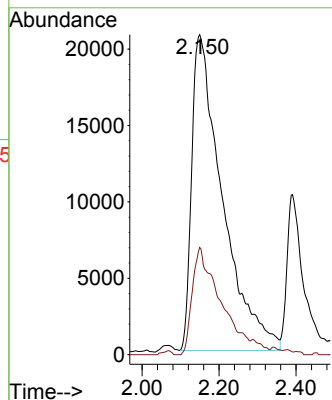
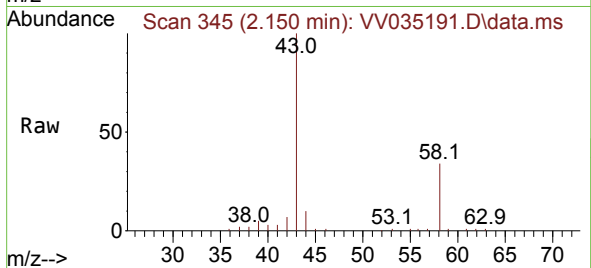
ClientSampleId :

Tgt Ion: 43 Resp: 114250

Ion Ratio Lower Upper

43 100

58 30.9 0.0 40.8



#14

Carbon disulfide

Concen: 3.887 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV035191.D

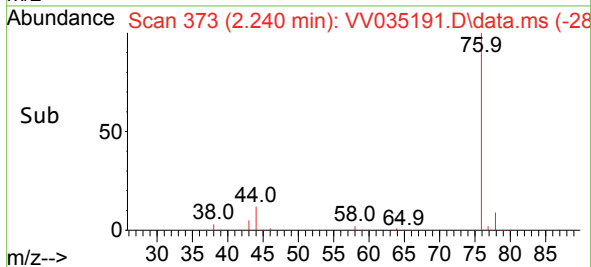
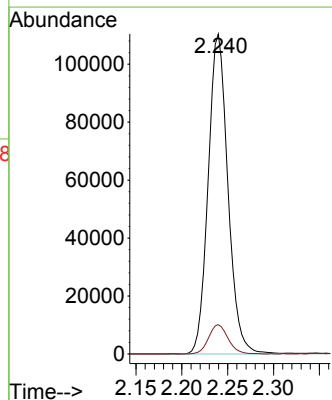
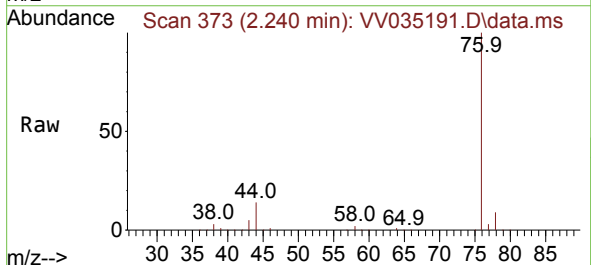
Acq: 12 Apr 2024 22:15

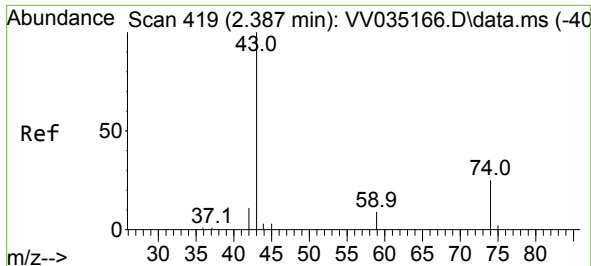
Tgt Ion: 76 Resp: 165380

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

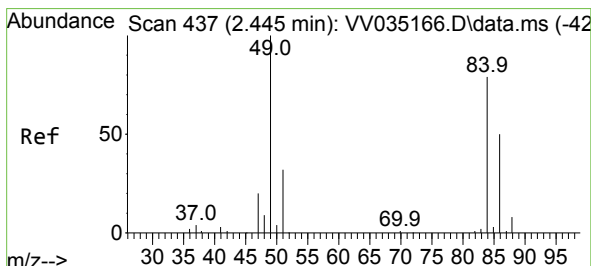
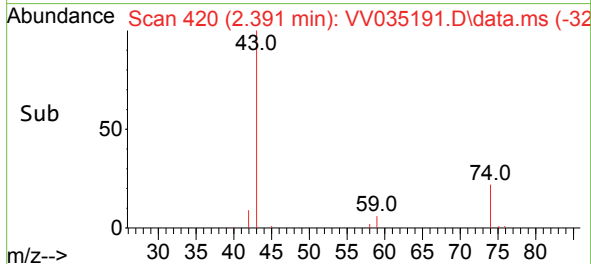
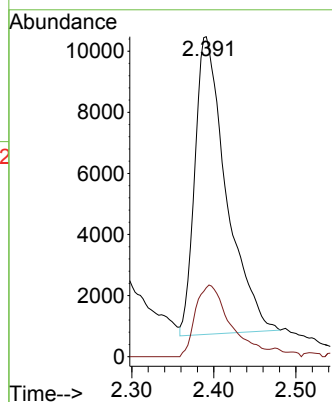
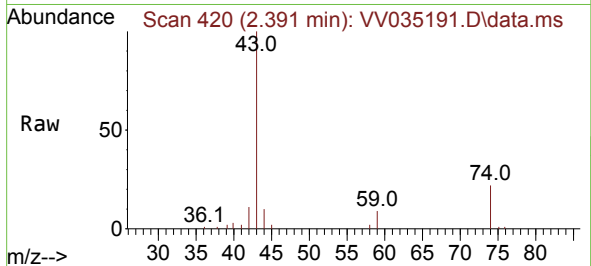




#15
Methyl Acetate
Concen: 5.309 ug/L
RT: 2.391 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15

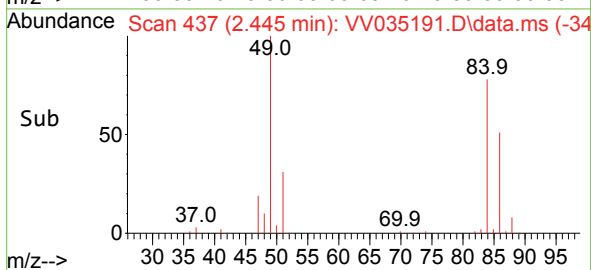
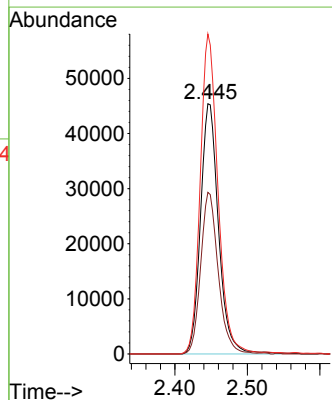
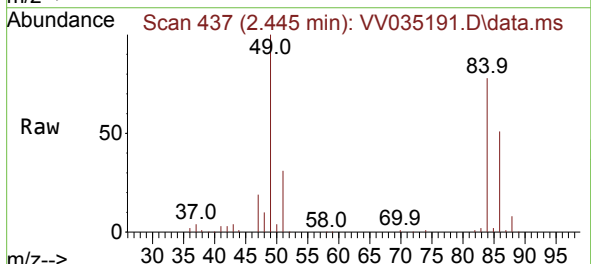
Instrument :
MSVOA_V
ClientSampleId :

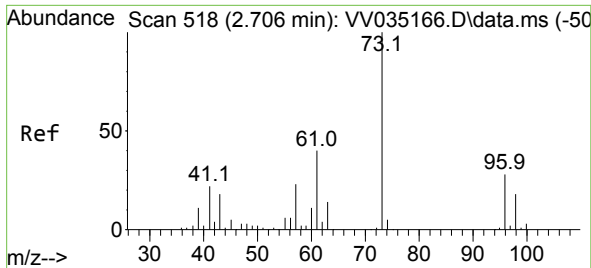
Tgt Ion: 43 Resp: 25935
Ion Ratio Lower Upper
43 100
74 26.7 18.5 27.7



#16
Methylene chloride
Concen: 4.994 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15

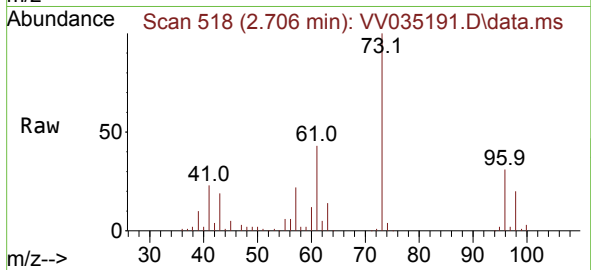
Tgt Ion: 84 Resp: 78252
Ion Ratio Lower Upper
84 100
86 64.6 43.5 80.9
49 127.8 82.5 153.3



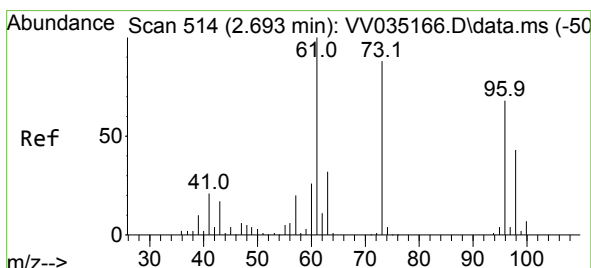
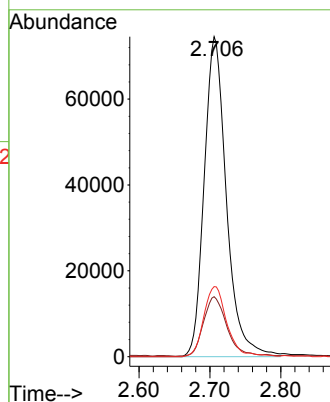
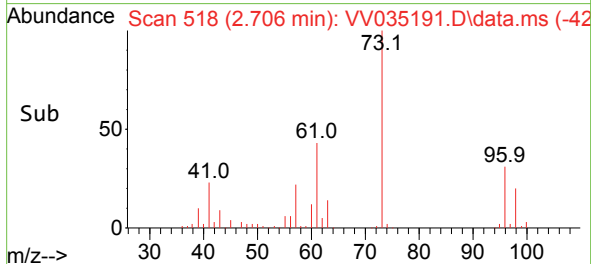


#17
Methyl tert-butyl Ether
Concen: 5.280 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15

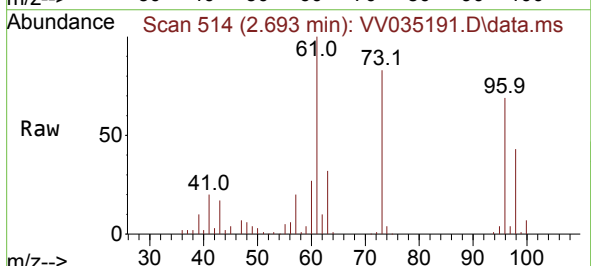
Instrument :
MSVOA_V
ClientSampleId :



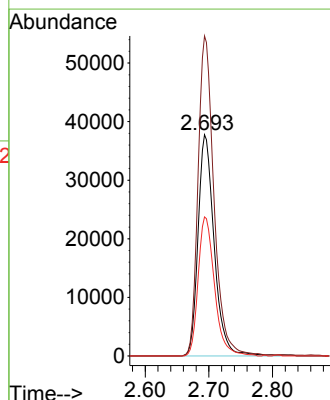
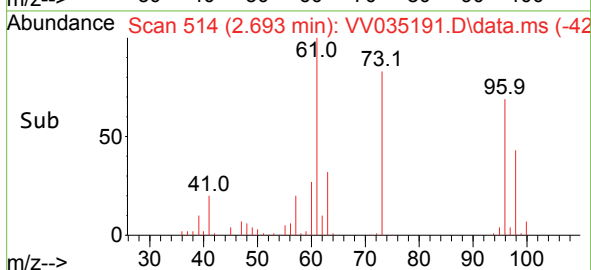
Tgt Ion: 73 Resp: 162386
Ion Ratio Lower Upper
73 100
43 19.4 14.8 22.2
57 22.8 18.1 27.1

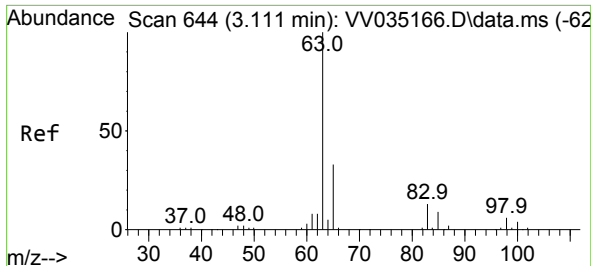


#18
trans-1,2-Dichloroethene
Concen: 4.703 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15



Tgt Ion: 96 Resp: 66591
Ion Ratio Lower Upper
96 100
61 144.6 94.5 175.5
98 62.8 43.5 80.9





#19

1,1-Dichloroethane

Concen: 5.186 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.000 min

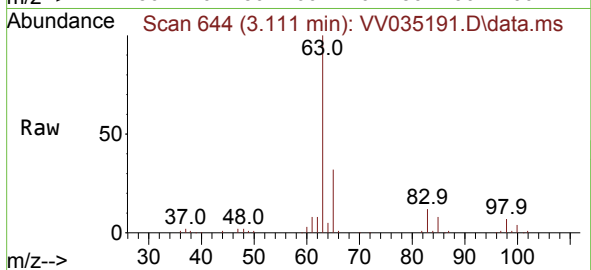
Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

Instrument :

MSVOA_V

ClientSampleId :



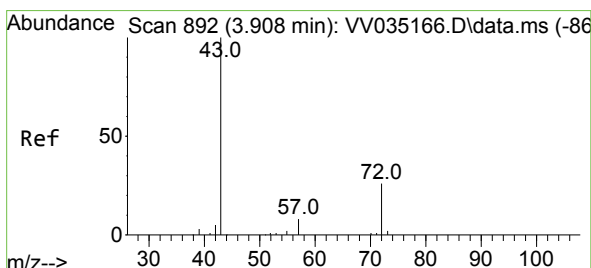
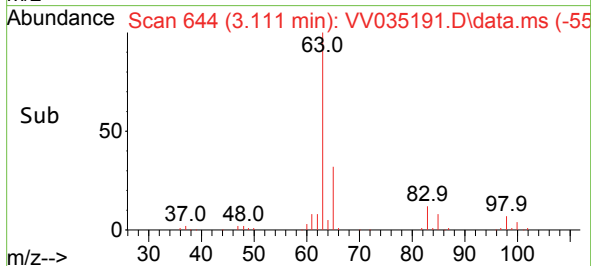
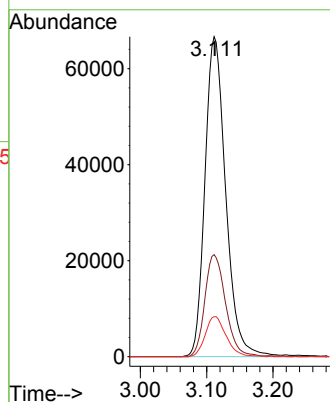
Tgt Ion: 63 Resp: 144851

Ion Ratio Lower Upper

63 100

65 31.9 22.5 41.9

83 12.5 9.1 16.9



#21

2-Butanone

Concen: 52.174 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.006 min

Lab File: VV035191.D

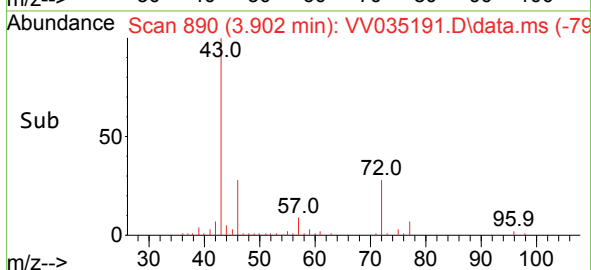
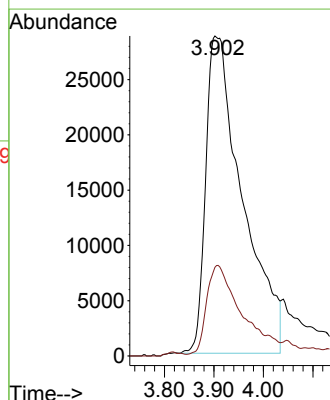
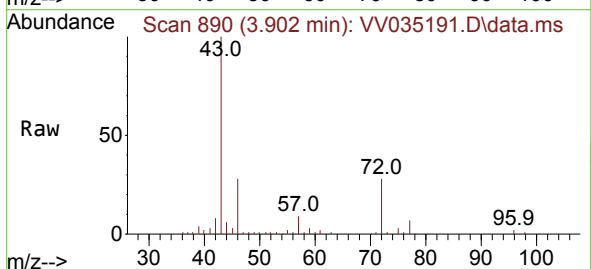
Acq: 12 Apr 2024 22:15

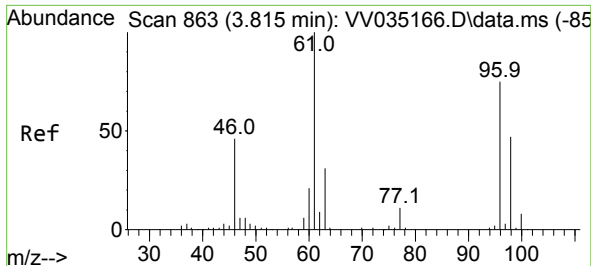
Tgt Ion: 43 Resp: 147984

Ion Ratio Lower Upper

43 100

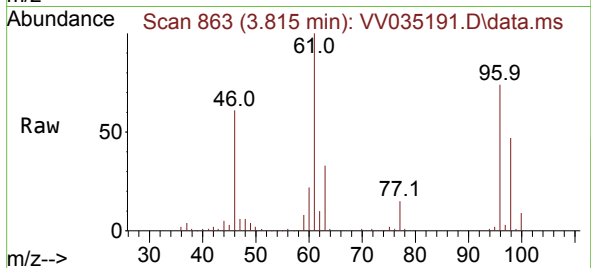
72 24.9 7.5 22.5#





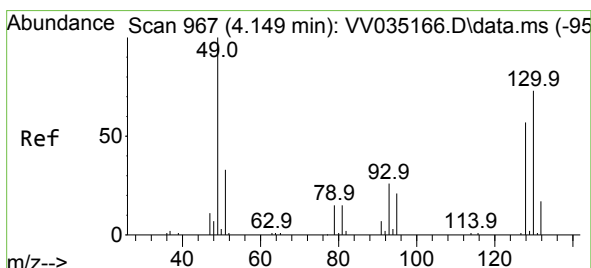
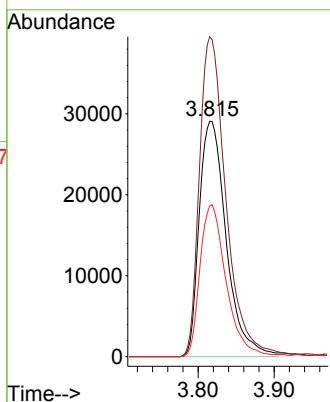
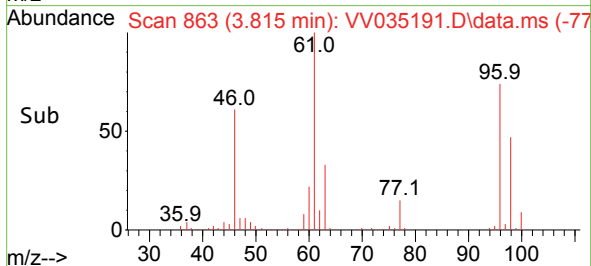
#22
 cis-1,2-Dichloroethene
 Concen: 4.837 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV035191.D
 Acq: 12 Apr 2024 22:15

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 71723

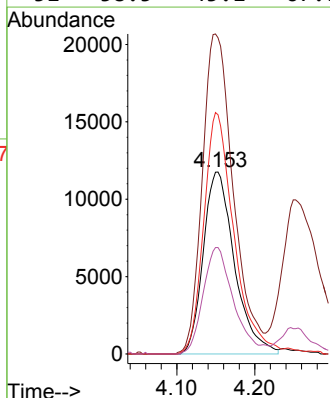
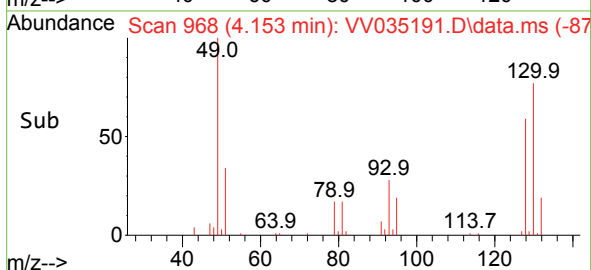
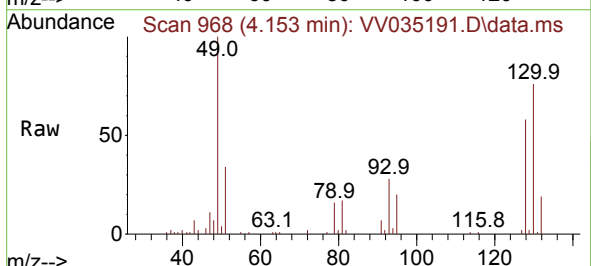
Ion	Ratio	Lower	Upper
96	100		
61	135.9	90.3	167.7
98	64.1	42.7	79.3

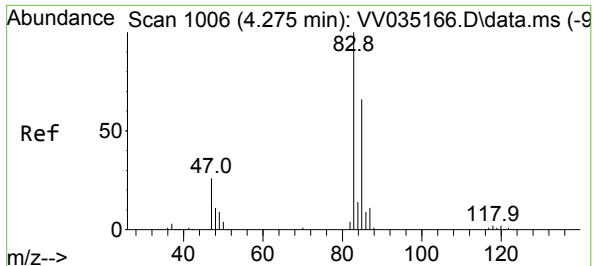


#23
 Bromochloromethane
 Concen: 5.262 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.003 min
 Lab File: VV035191.D
 Acq: 12 Apr 2024 22:15

Tgt Ion: 128 Resp: 32758

Ion	Ratio	Lower	Upper
128	100		
49	173.8	122.9	228.3
130	131.4	92.1	171.1
51	58.5	45.1	67.7





#25

Chloroform

Concen: 5.102 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

Instrument :

MSVOA_V

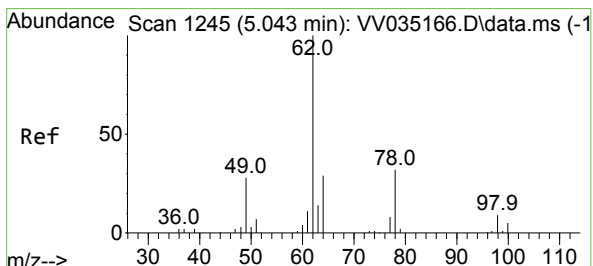
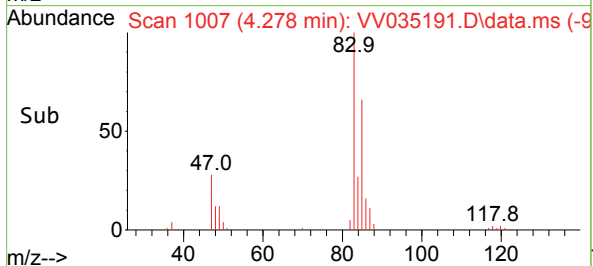
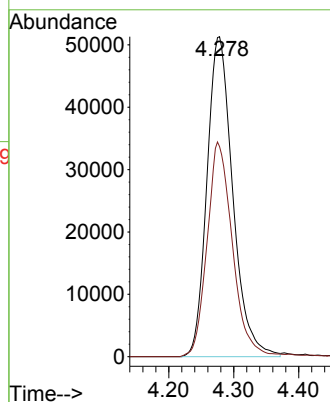
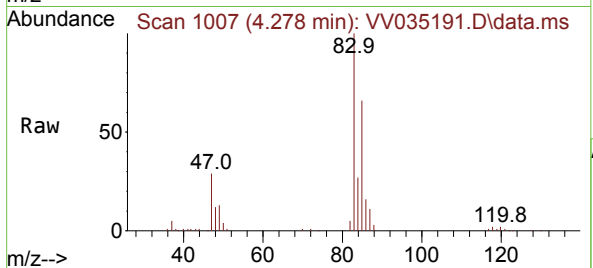
ClientSampleId :

Tgt Ion: 83 Resp: 141543

Ion Ratio Lower Upper

83 100

85 65.7 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.430 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VV035191.D

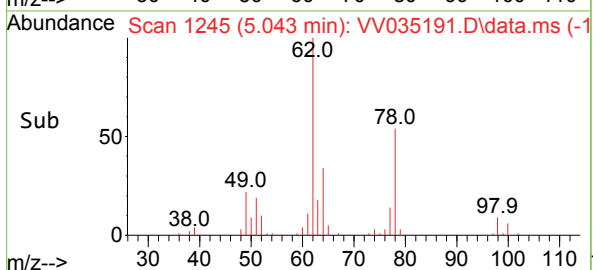
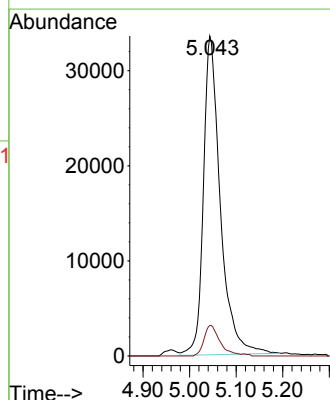
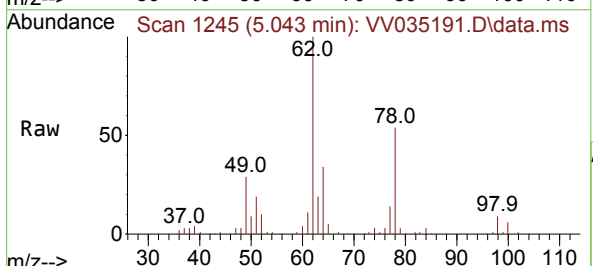
Acq: 12 Apr 2024 22:15

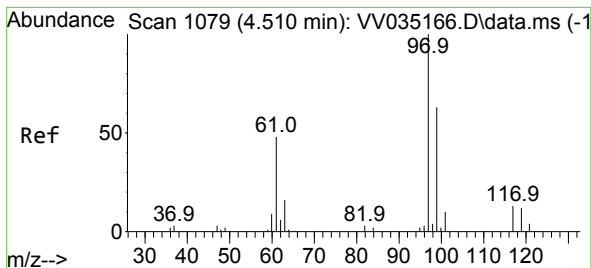
Tgt Ion: 62 Resp: 84775

Ion Ratio Lower Upper

62 100

98 9.5 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 4.916 ug/L

RT: 4.510 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

Instrument :

MSVOA_V

ClientSampleId :

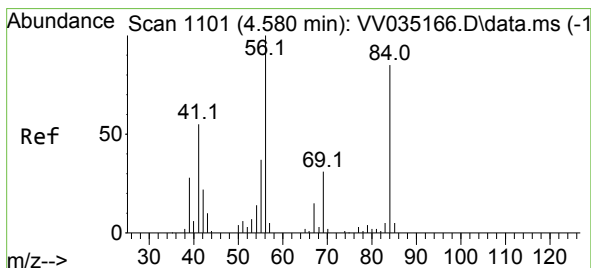
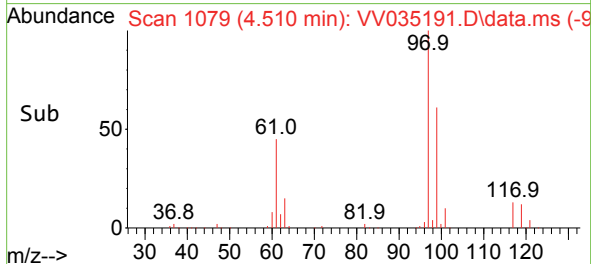
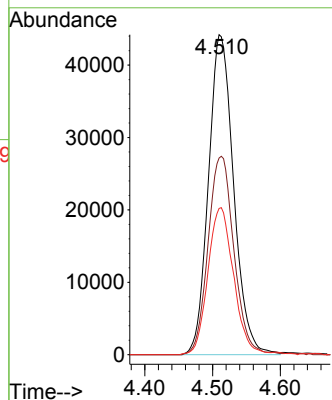
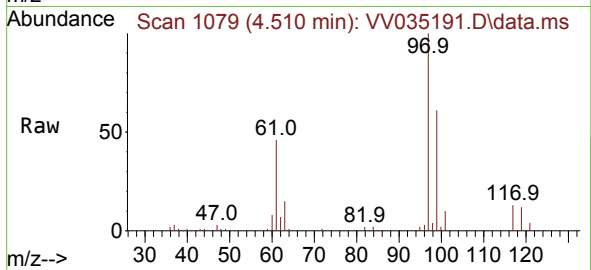
Tgt Ion: 97 Resp: 114250

Ion Ratio Lower Upper

97 100

99 63.7 52.1 78.1

61 46.8 38.7 58.1



#30

Cyclohexane

Concen: 4.254 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

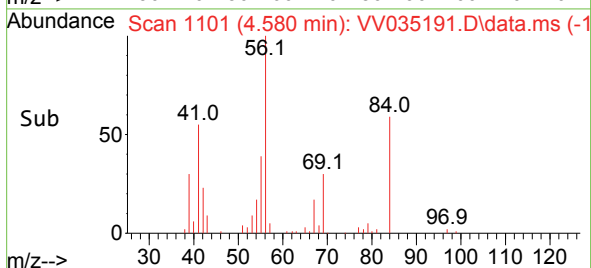
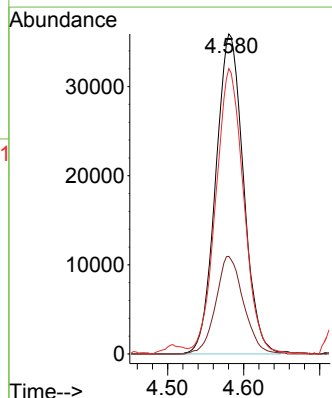
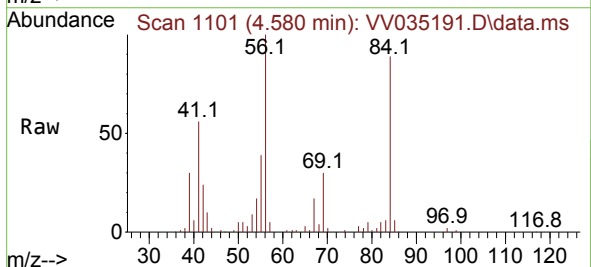
Tgt Ion: 56 Resp: 91081

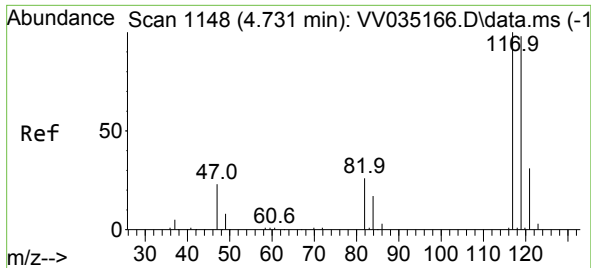
Ion Ratio Lower Upper

56 100

69 30.4 25.2 37.8

84 89.3 69.8 104.8

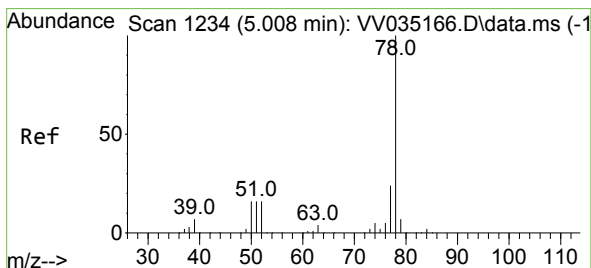
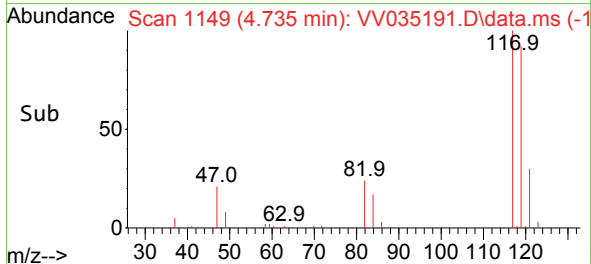
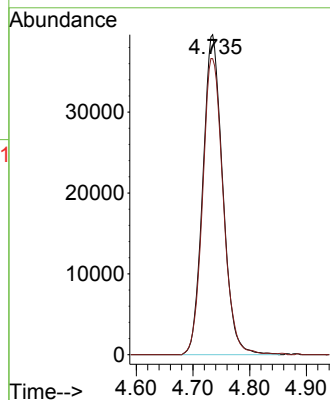
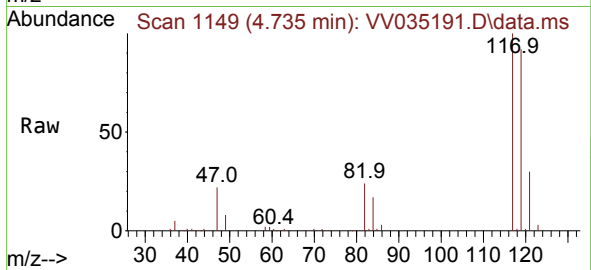




#31
Carbon tetrachloride
Concen: 4.853 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15

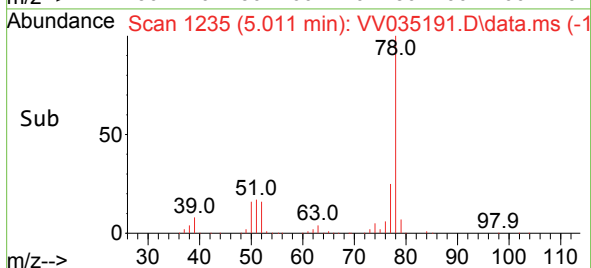
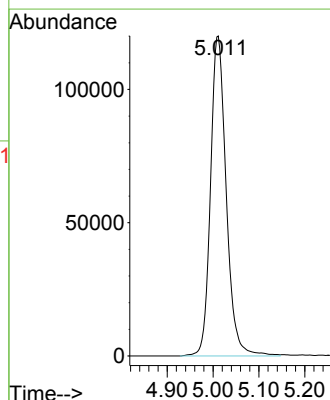
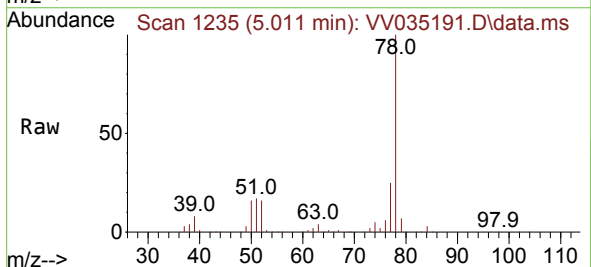
Instrument :
MSVOA_V
ClientSampleId :

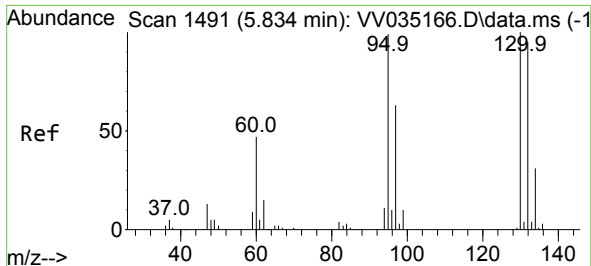
Tgt Ion:117 Resp: 96525
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.6



#33
Benzene
Concen: 4.934 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15

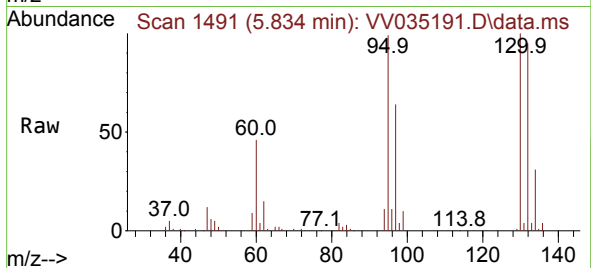
Tgt Ion: 78 Resp: 286478



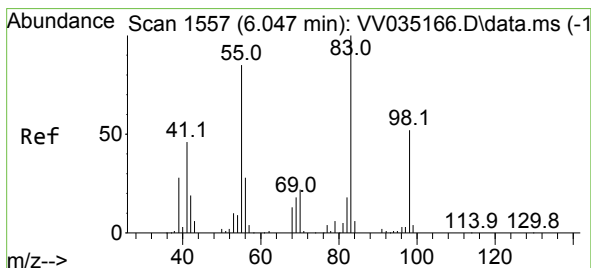
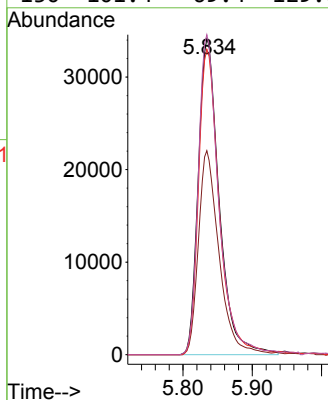
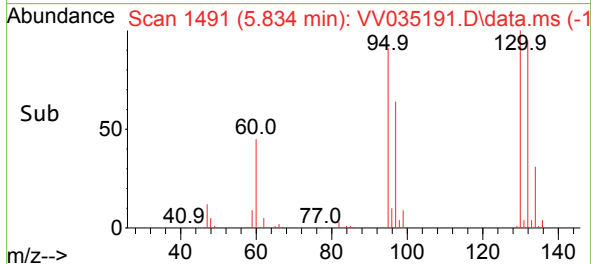


#34
Trichloroethene
Concen: 4.747 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15

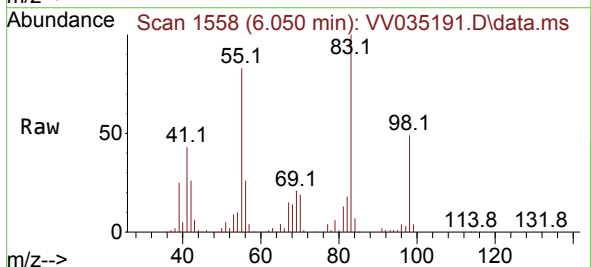
Instrument :
MSVOA_V
ClientSampleId :



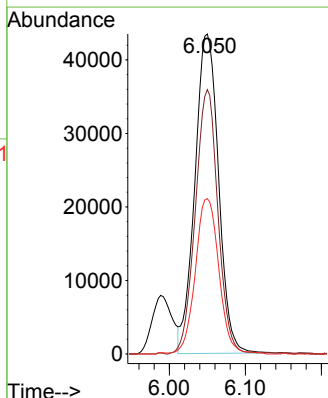
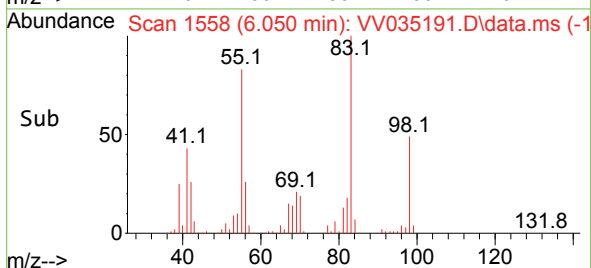
Tgt Ion: 95 Resp: 71798
Ion Ratio Lower Upper
95 100
97 64.6 46.8 86.8
132 96.8 68.0 126.4
130 101.4 69.4 129.0

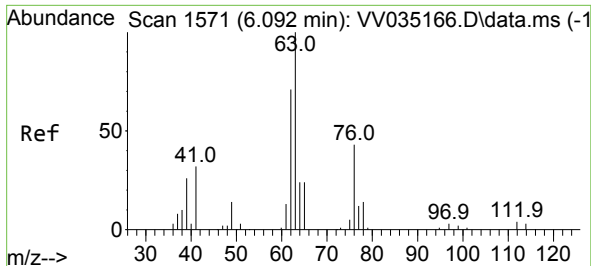


#35
Methylcyclohexane
Concen: 4.083 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15



Tgt Ion: 83 Resp: 94068
Ion Ratio Lower Upper
83 100
55 79.1 60.6 91.0
98 48.4 37.8 56.6

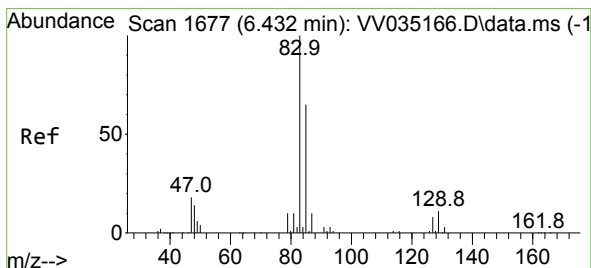
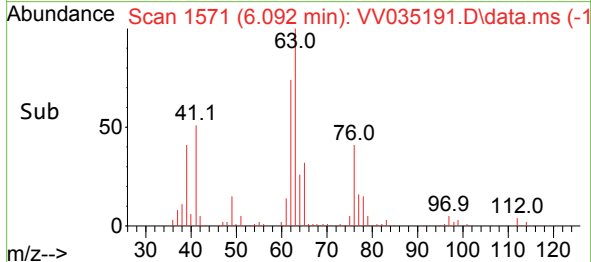
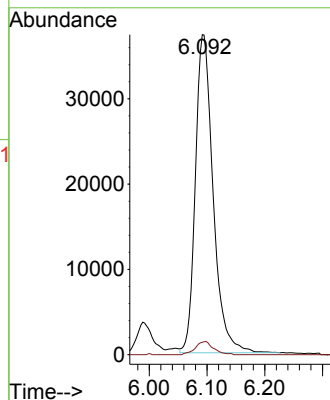
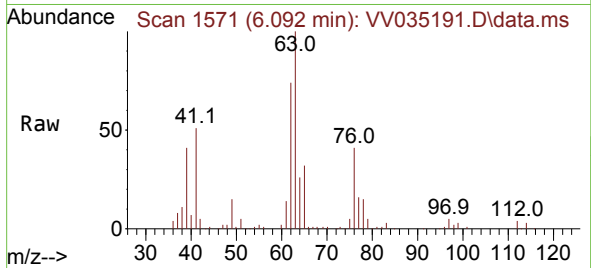




#37
1,2-Dichloropropane
Concen: 5.290 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15

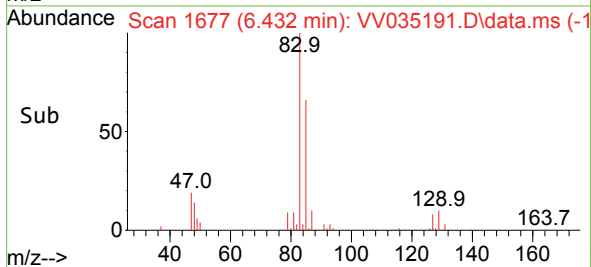
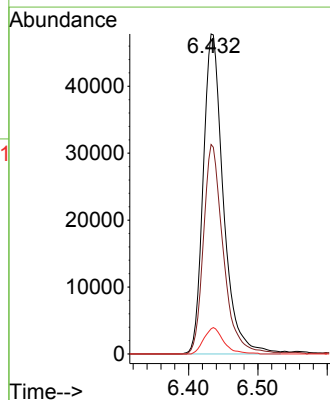
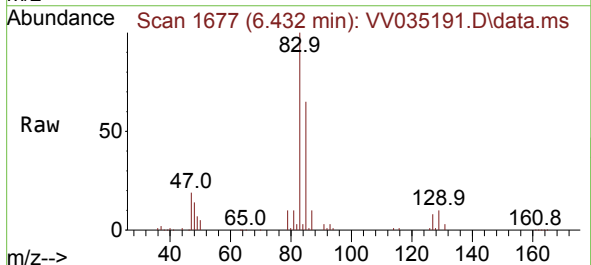
Instrument :
MSVOA_V
ClientSampleId :

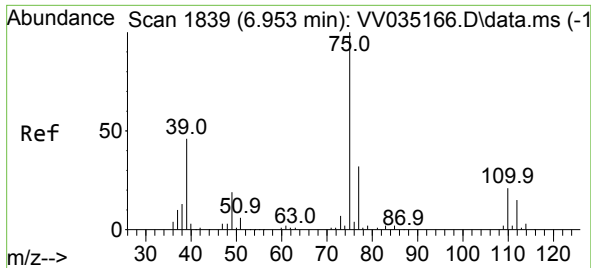
Tgt Ion: 63 Resp: 79630
Ion Ratio Lower Upper
63 100
112 4.2 3.5 5.3



#38
Bromodichloromethane
Concen: 5.078 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15

Tgt Ion: 83 Resp: 96437
Ion Ratio Lower Upper
83 100
85 65.5 43.6 81.0
127 7.8 6.2 9.2

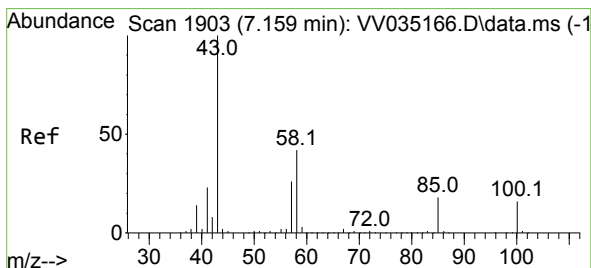
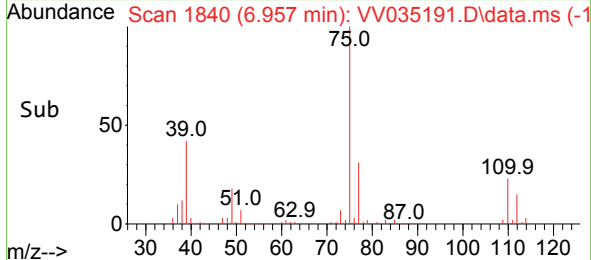
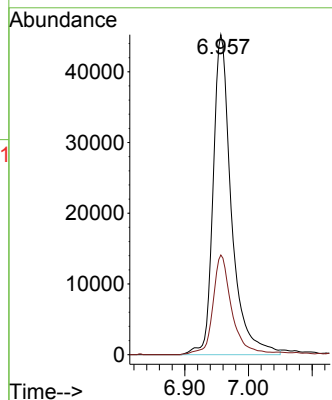
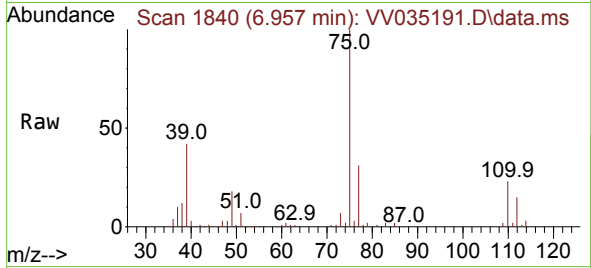




#39
 cis-1,3-Dichloropropene
 Concen: 4.476 ug/L
 RT: 6.957 min Scan# 1840
 Delta R.T. 0.003 min
 Lab File: VV035191.D
 Acq: 12 Apr 2024 22:15

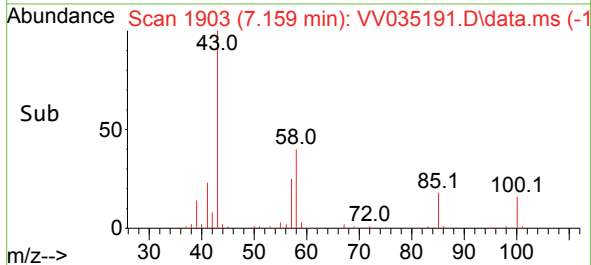
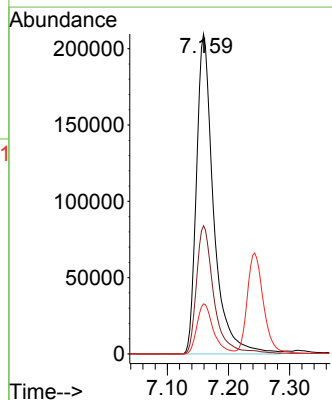
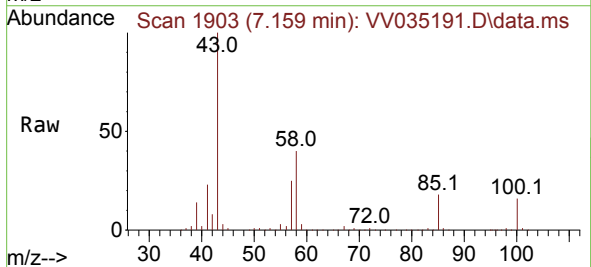
Instrument :
 MSVOA_V
 ClientSampleId :

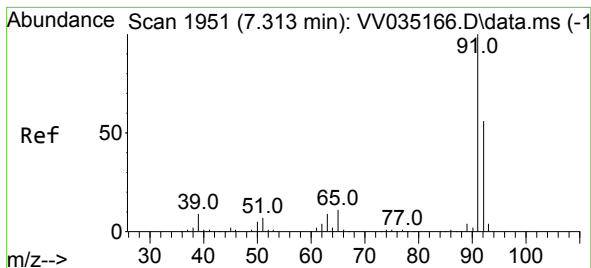
Tgt Ion: 75 Resp: 90517
 Ion Ratio Lower Upper
 75 100
 77 31.2 20.6 38.4



#40
 4-Methyl-2-pentanone
 Concen: 60.185 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VV035191.D
 Acq: 12 Apr 2024 22:15

Tgt Ion: 43 Resp: 408775
 Ion Ratio Lower Upper
 43 100
 58 40.9 33.8 50.6
 100 15.1 11.9 17.9





#42

Toluene

Concen: 4.979 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

Instrument :

MSVOA_V

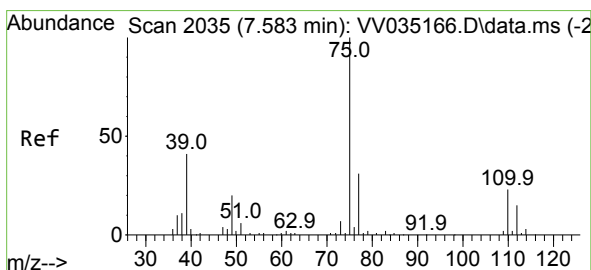
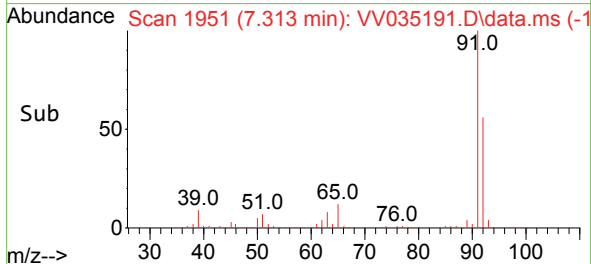
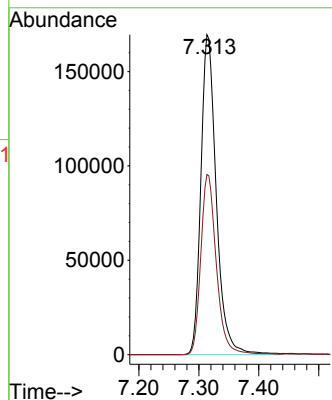
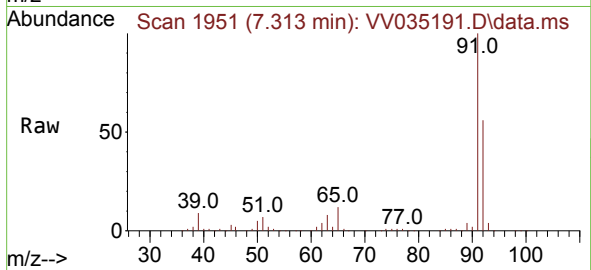
ClientSampleId :

Tgt Ion: 91 Resp: 303861

Ion Ratio Lower Upper

91 100

92 56.3 38.9 72.2



#44

trans-1,3-Dichloropropene

Concen: 4.718 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV035191.D

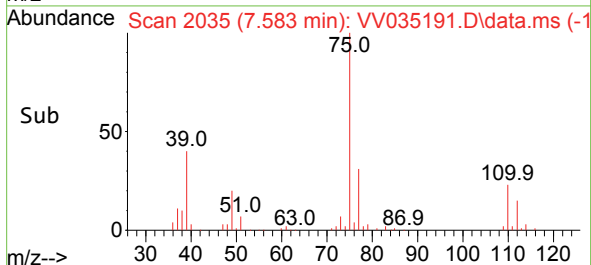
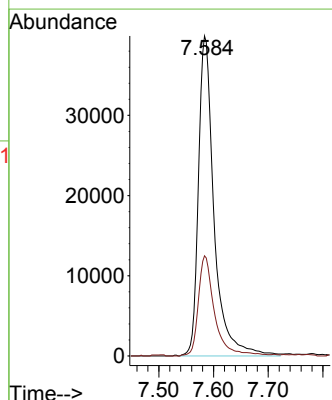
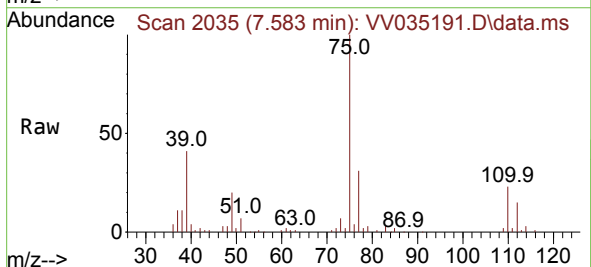
Acq: 12 Apr 2024 22:15

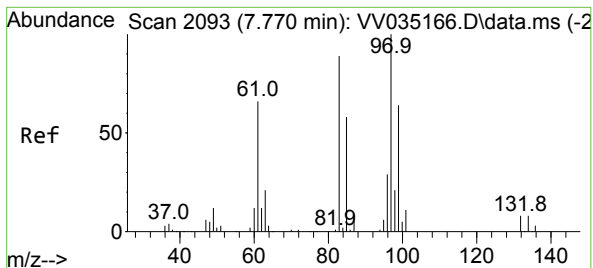
Tgt Ion: 75 Resp: 79085

Ion Ratio Lower Upper

75 100

77 31.3 22.7 42.3





#45

1,1,2-Trichloroethane

Concen: 5.504 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. 0.000 min

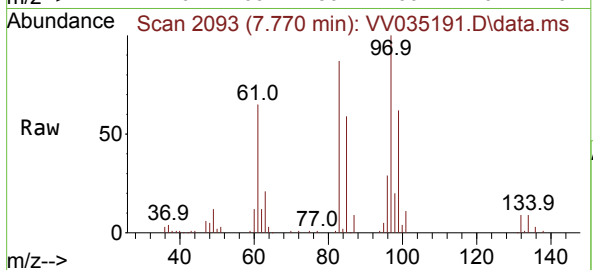
Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 54439

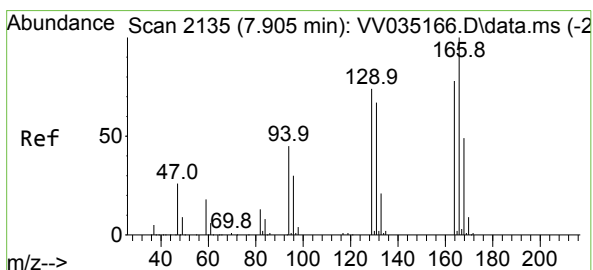
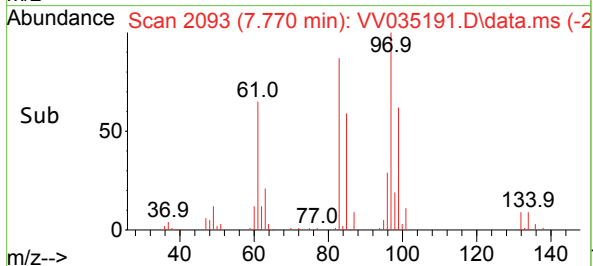
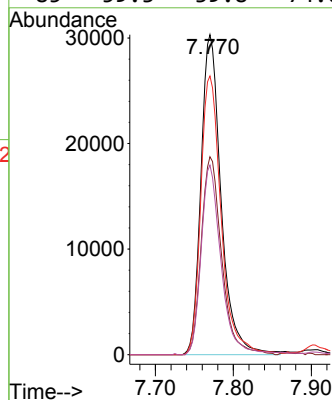
Ion Ratio Lower Upper

97 100

99 61.8 44.5 82.7

83 87.1 63.2 117.4

85 59.3 39.8 74.0



#47

Tetrachloroethene

Concen: 4.887 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

Tgt Ion: 164 Resp: 55537

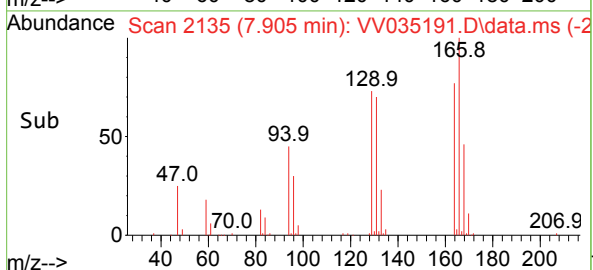
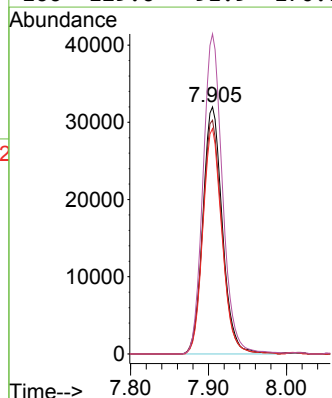
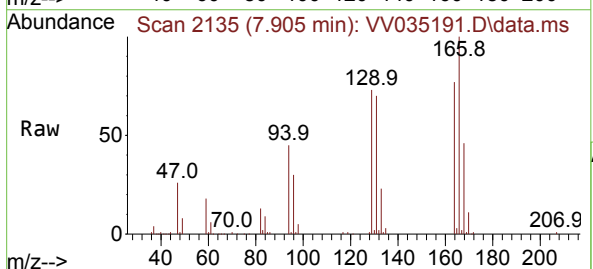
Ion Ratio Lower Upper

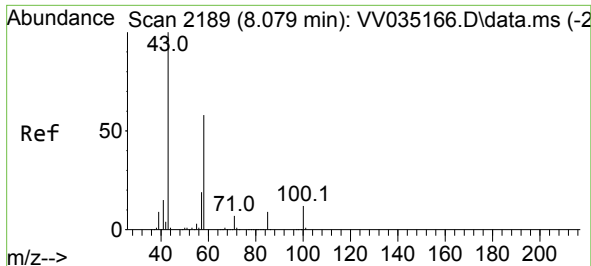
164 100

129 94.6 66.0 122.6

131 91.2 63.0 117.0

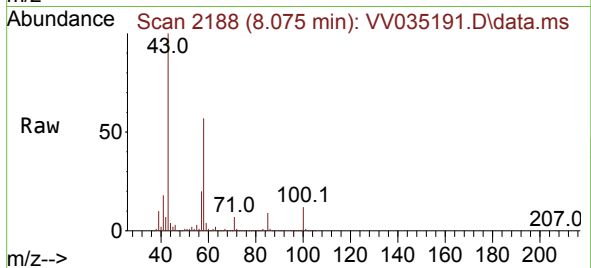
166 129.6 91.9 170.7



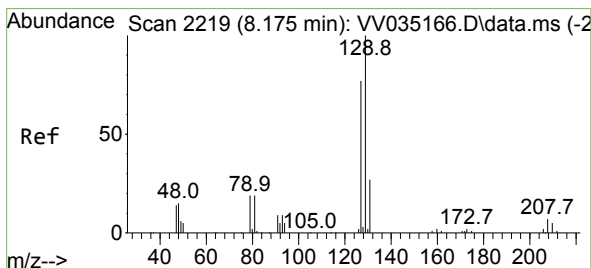
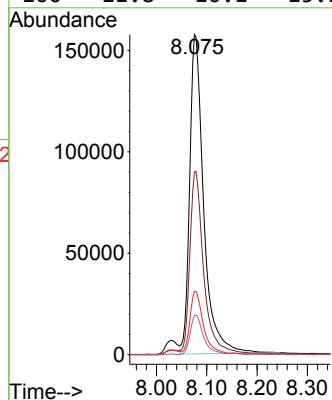
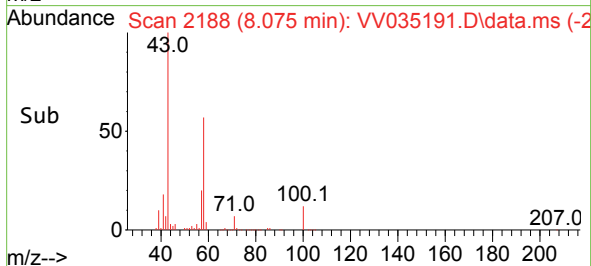


#48
2-Hexanone
Concen: 59.501 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15

Instrument :
MSVOA_V
ClientSampleId :

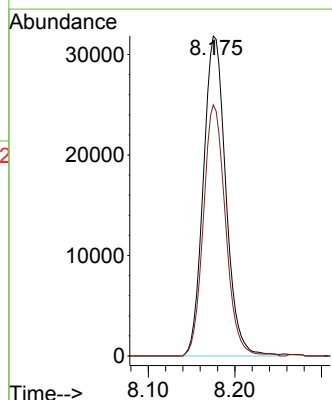
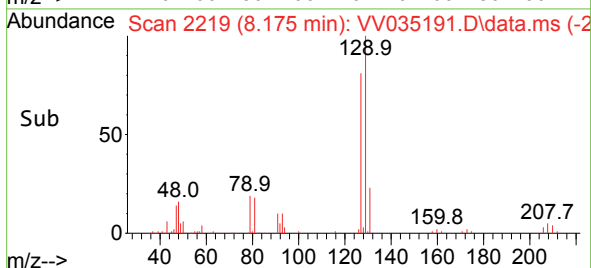
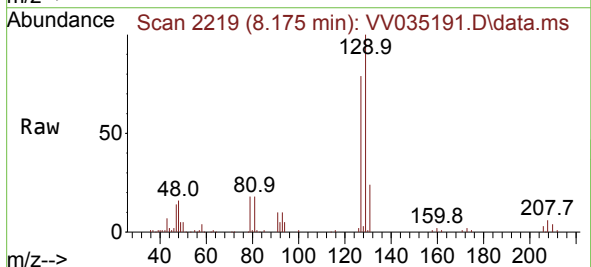


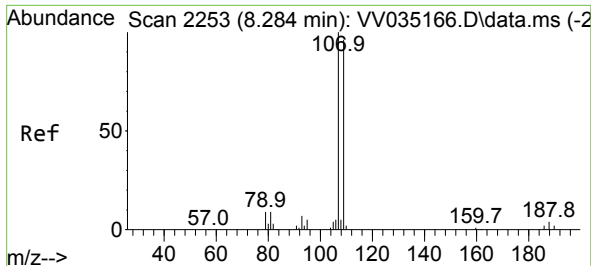
Tgt Ion: 43 Resp: 305083
Ion Ratio Lower Upper
43 100
58 56.1 48.2 72.4
57 18.5 15.6 23.4
100 11.8 10.1 15.1



#49
Dibromochloromethane
Concen: 4.917 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15

Tgt Ion: 129 Resp: 57244
Ion Ratio Lower Upper
129 100
127 78.5 56.4 104.7





#50

1,2-Dibromoethane

Concen: 5.434 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.003 min

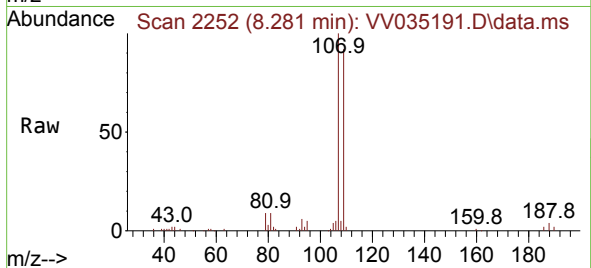
Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

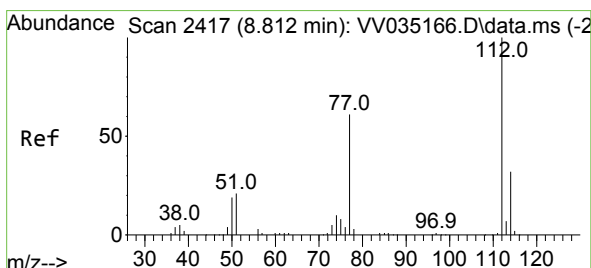
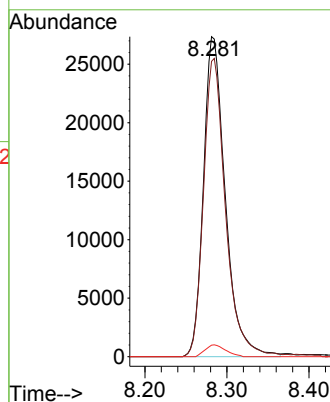
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	50600
Ion	Ratio	Lower	Upper
107	100		
109	92.3	66.1	122.8
188	3.6	3.2	4.8



#51

Chlorobenzene

Concen: 4.891 ug/L

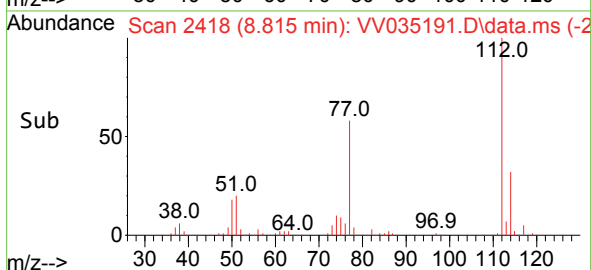
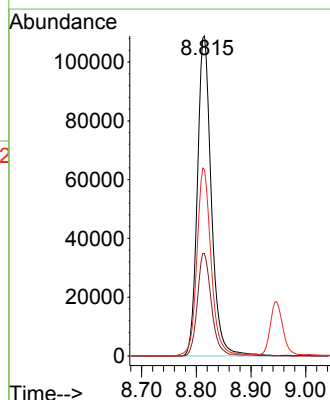
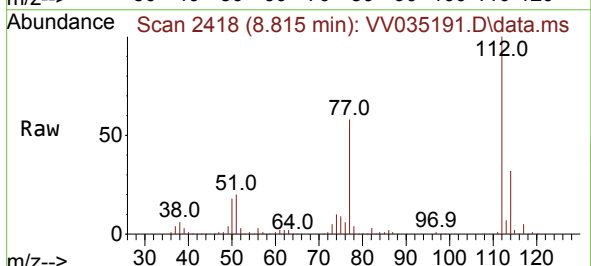
RT: 8.815 min Scan# 2418

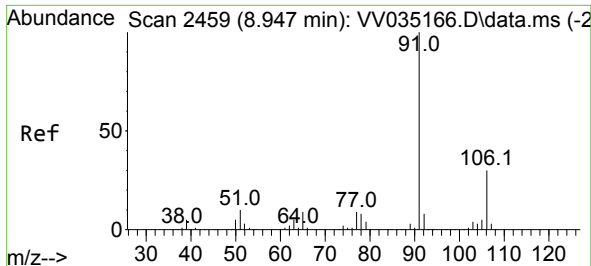
Delta R.T. 0.003 min

Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

Tgt Ion:	112	Resp:	192848
Ion	Ratio	Lower	Upper
112	100		
114	32.0	21.9	40.7
77	58.2	47.4	71.2

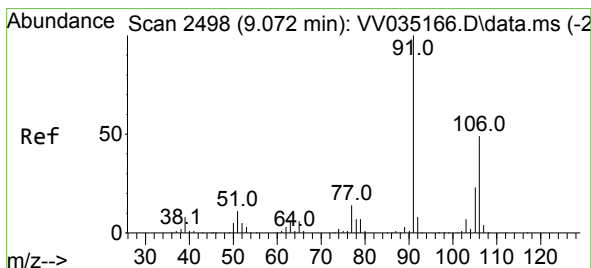
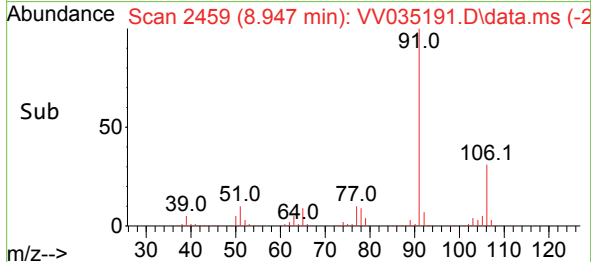
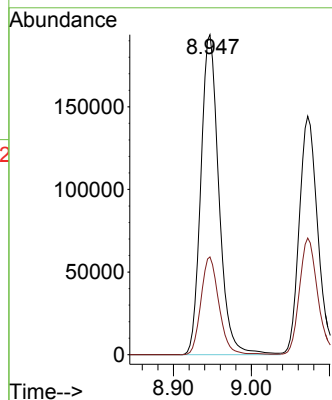
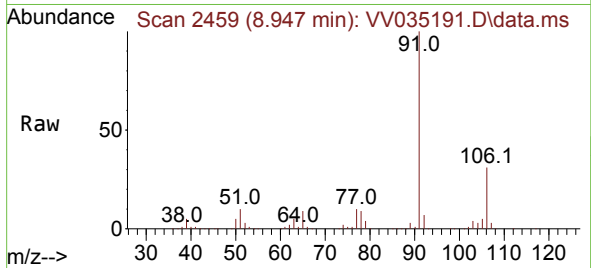




#52
Ethylbenzene
Concen: 4.723 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15

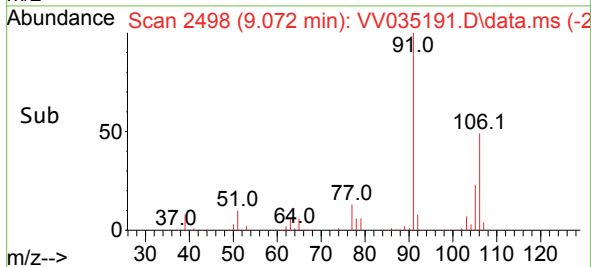
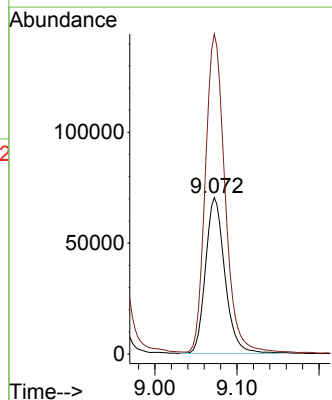
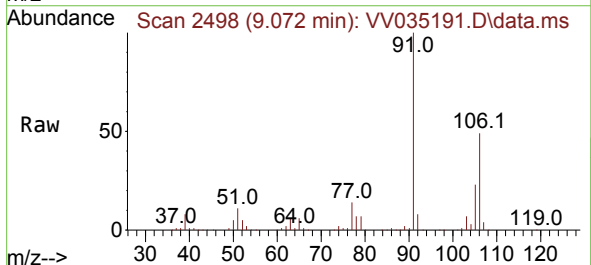
Instrument :
MSVOA_V
ClientSampleId :

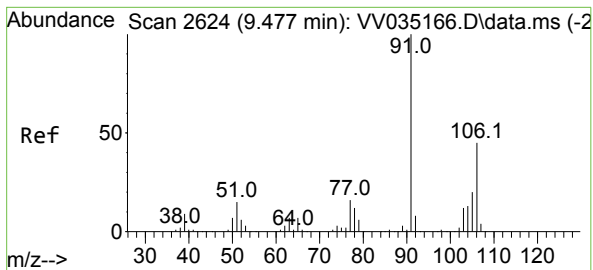
Tgt Ion: 91 Resp: 311291
Ion Ratio Lower Upper
91 100
106 30.6 21.2 39.4



#53
m,p-Xylene
Concen: 4.762 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15

Tgt Ion: 106 Resp: 115258
Ion Ratio Lower Upper
106 100
91 204.6 145.7 270.7





#54

o-Xylene

Concen: 4.753 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

Instrument :

MSVOA_V

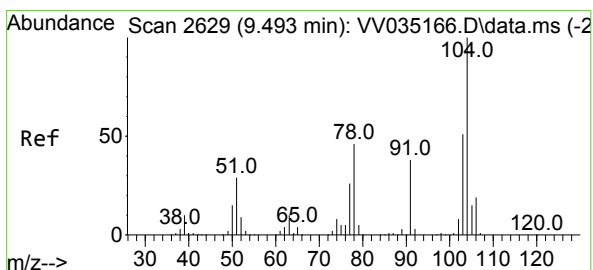
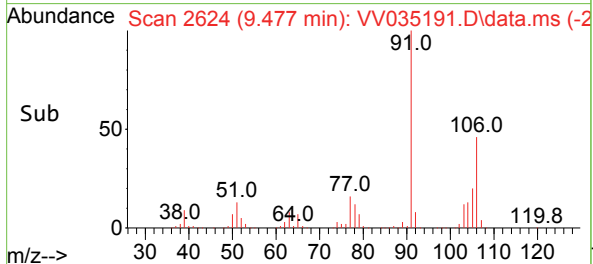
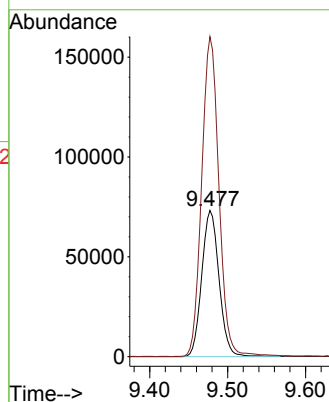
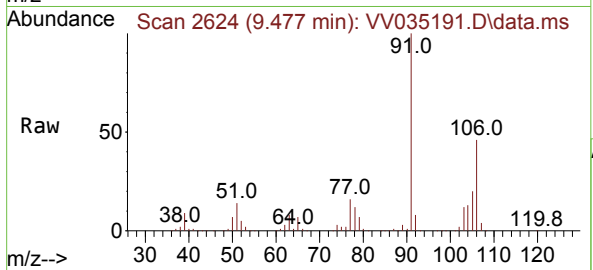
ClientSampleId :

Tgt Ion:106 Resp: 112875

Ion Ratio Lower Upper

106 100

91 218.9 151.2 280.8



#55

Styrene

Concen: 5.223 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.003 min

Lab File: VV035191.D

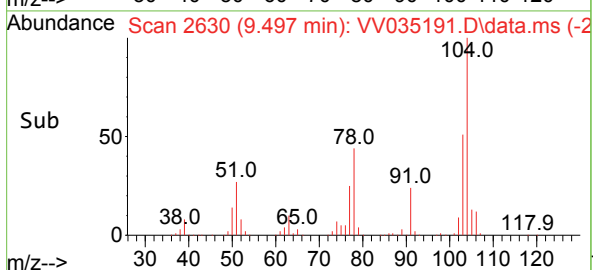
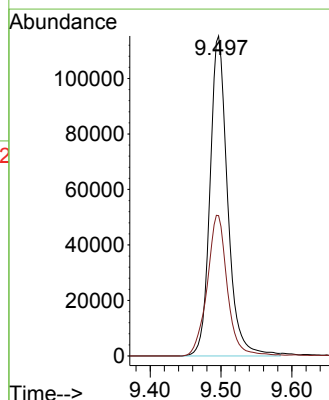
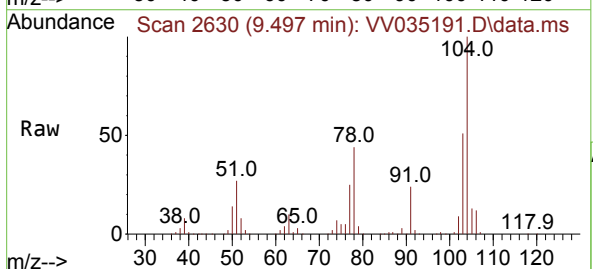
Acq: 12 Apr 2024 22:15

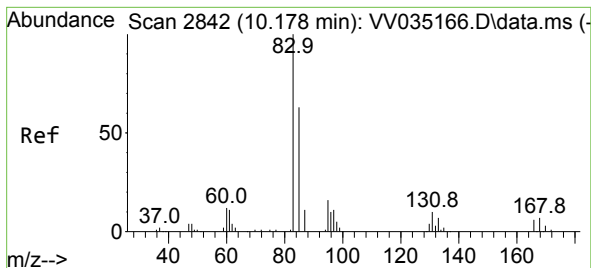
Tgt Ion:104 Resp: 199430

Ion Ratio Lower Upper

104 100

78 43.8 30.9 57.5

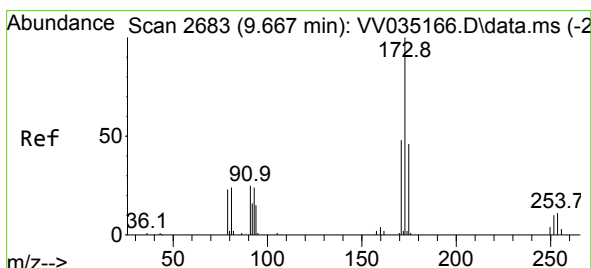
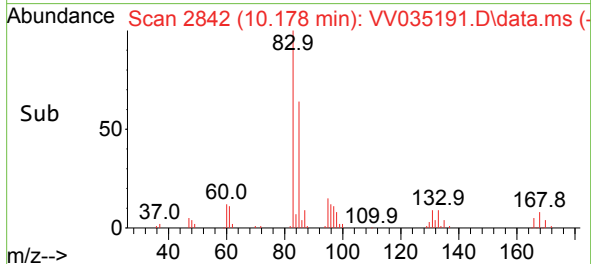
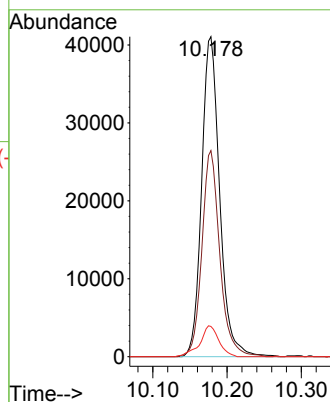
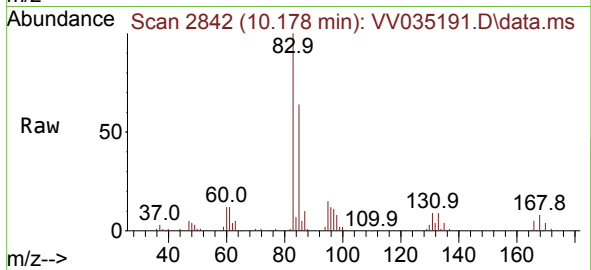




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.854 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. 0.000 min
 Lab File: VV035191.D
 Acq: 12 Apr 2024 22:15

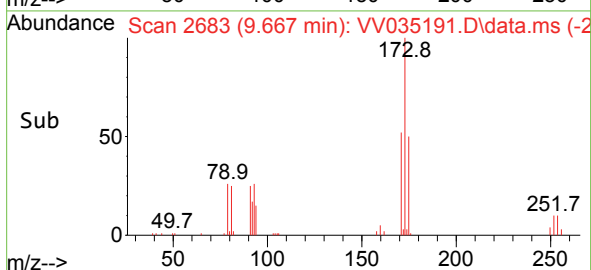
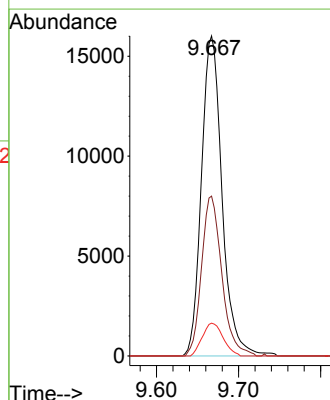
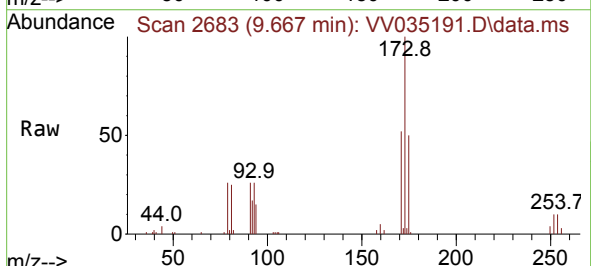
Instrument :
 MSVOA_V
 ClientSampleId :

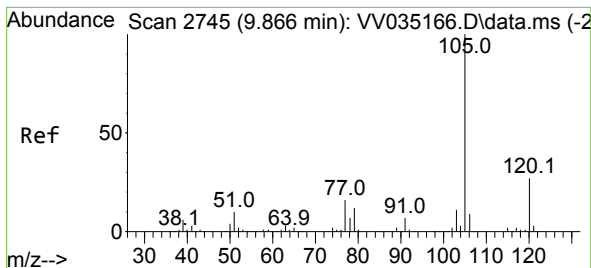
Tgt Ion: 83 Resp: 69207
 Ion Ratio Lower Upper
 83 100
 85 64.4 45.7 84.9
 131 9.4 7.6 11.4



#59
 Bromoform
 Concen: 4.572 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. 0.000 min
 Lab File: VV035191.D
 Acq: 12 Apr 2024 22:15

Tgt Ion: 173 Resp: 28021
 Ion Ratio Lower Upper
 173 100
 175 49.1 37.8 56.8
 254 10.4 7.8 11.6





#60

Isopropylbenzene

Concen: 4.635 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

Instrument :

MSVOA_V

ClientSampleId :

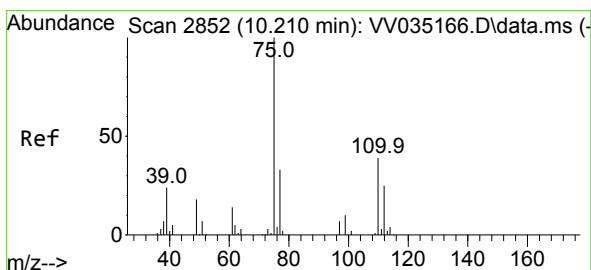
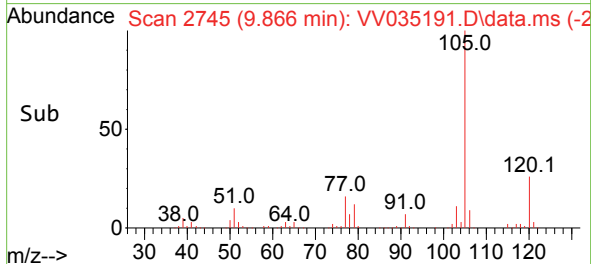
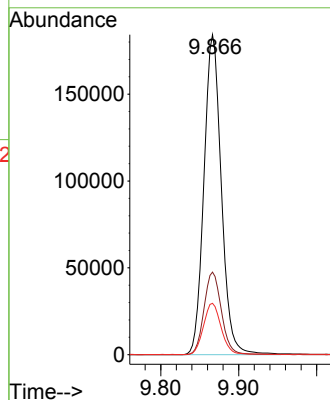
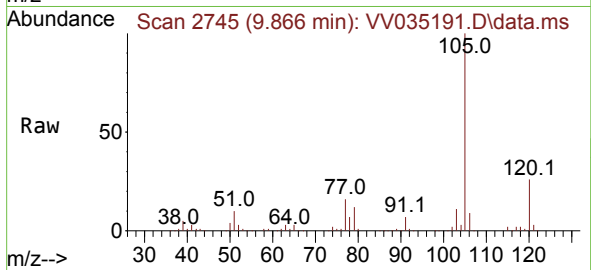
Tgt Ion:105 Resp: 285669

Ion Ratio Lower Upper

105 100

120 25.8 21.0 31.4

77 16.1 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 5.422 ug/L

RT: 10.210 min Scan# 2852

Delta R.T. 0.000 min

Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

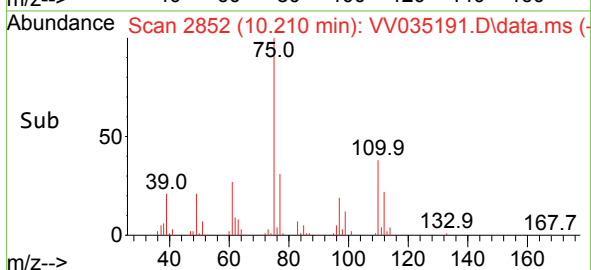
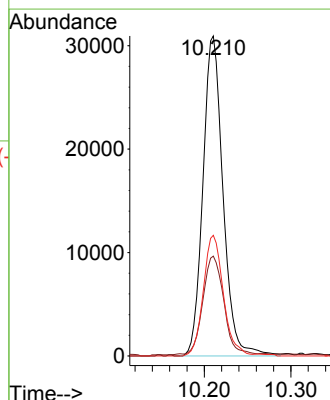
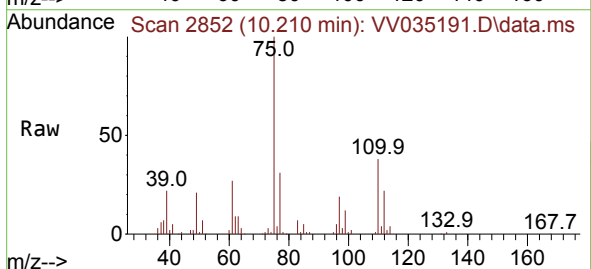
Tgt Ion: 75 Resp: 49910

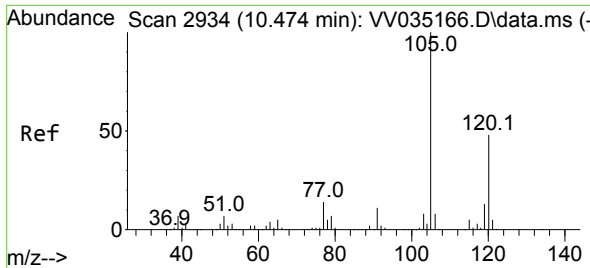
Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

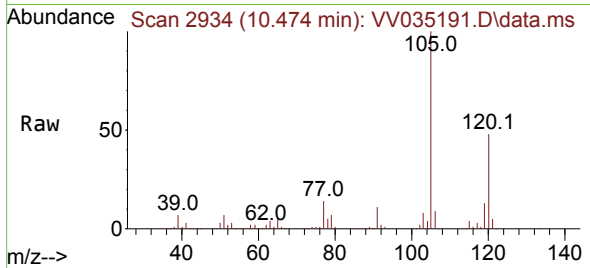
110 37.5 31.0 46.6



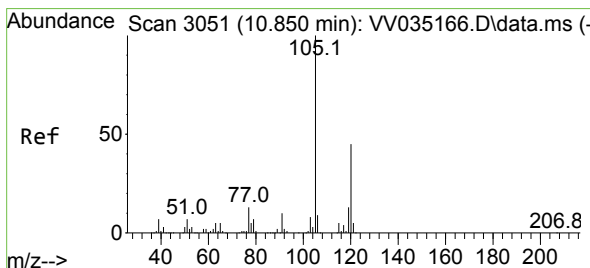
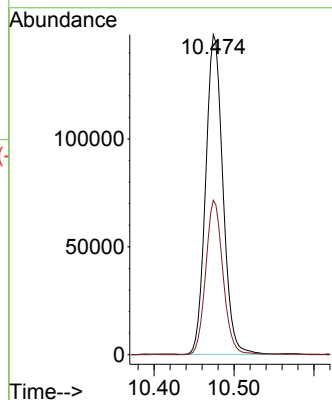
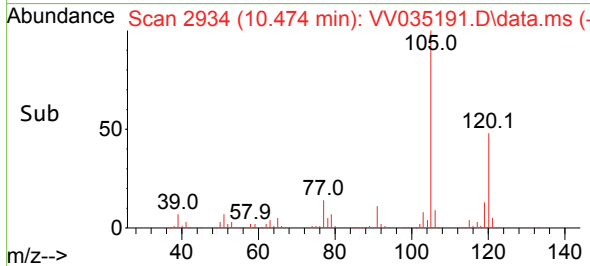


#62
 1,3,5-Trimethylbenzene
 Concen: 4.398 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. 0.000 min
 Lab File: VV035191.D
 Acq: 12 Apr 2024 22:15

Instrument :
 MSVOA_V
 ClientSampleId :

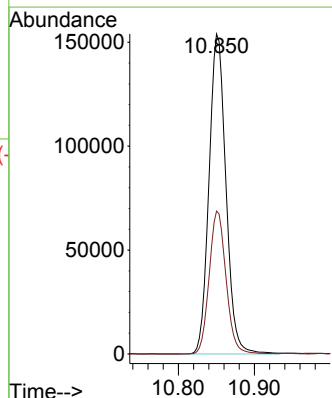
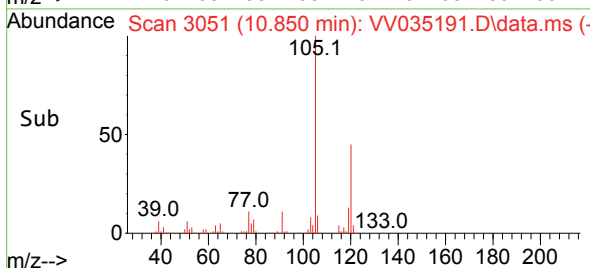
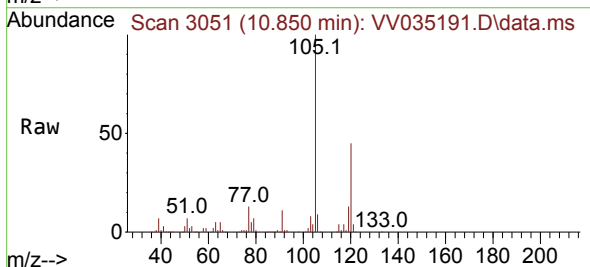


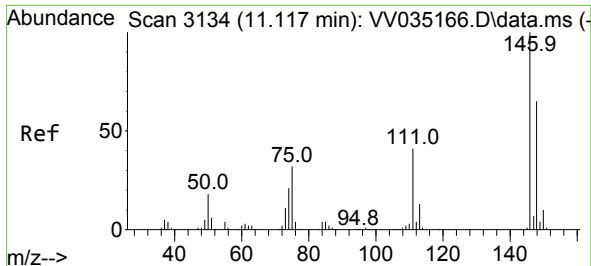
Tgt Ion:105 Resp: 222686
 Ion Ratio Lower Upper
 105 100
 120 48.5 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.629 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.000 min
 Lab File: VV035191.D
 Acq: 12 Apr 2024 22:15

Tgt Ion:105 Resp: 237741
 Ion Ratio Lower Upper
 105 100
 120 44.6 35.8 53.8

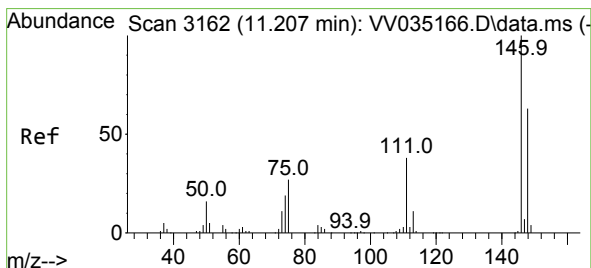
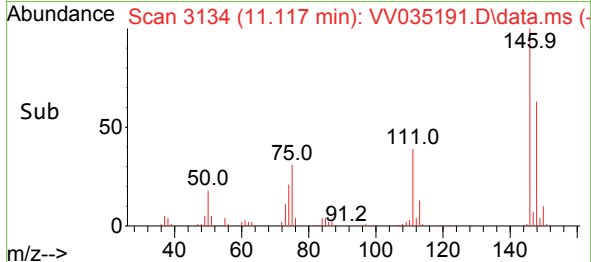
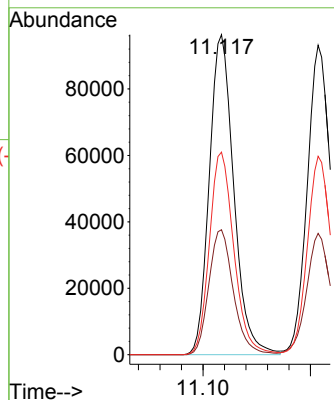
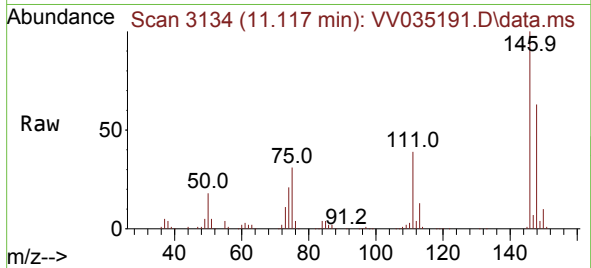




#64
1,3-Dichlorobenzene
Concen: 4.838 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15

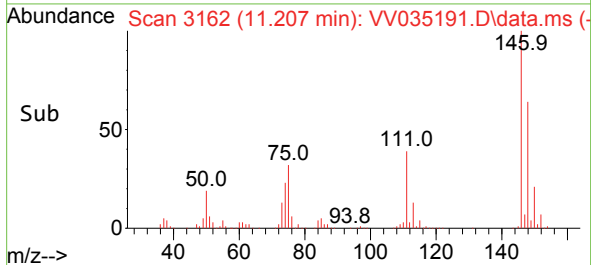
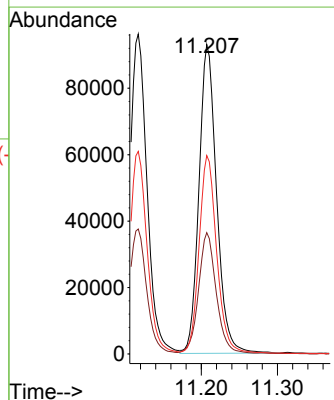
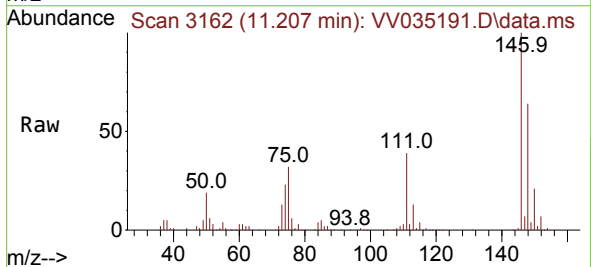
Instrument :
MSVOA_V
ClientSampleId :

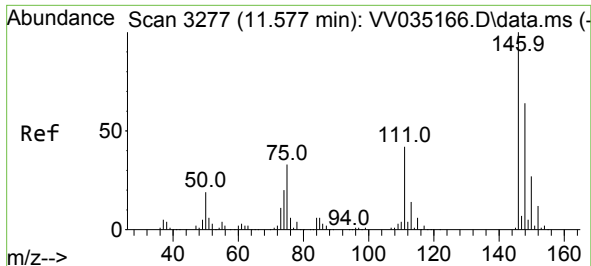
Tgt Ion:146 Resp: 152180
Ion Ratio Lower Upper
146 100
111 39.1 27.7 51.5
148 63.3 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 4.754 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15

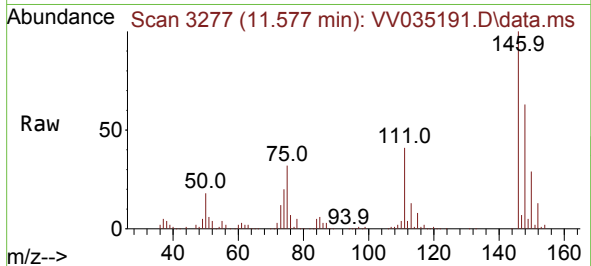
Tgt Ion:146 Resp: 149758
Ion Ratio Lower Upper
146 100
111 39.2 27.3 50.7
148 64.1 43.5 80.7



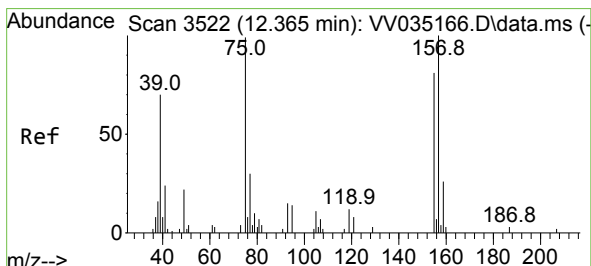
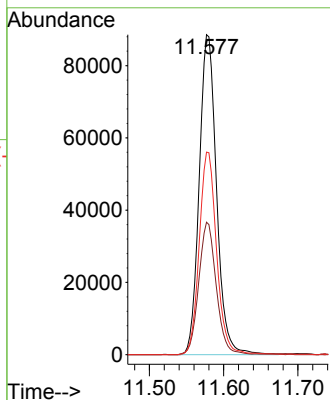
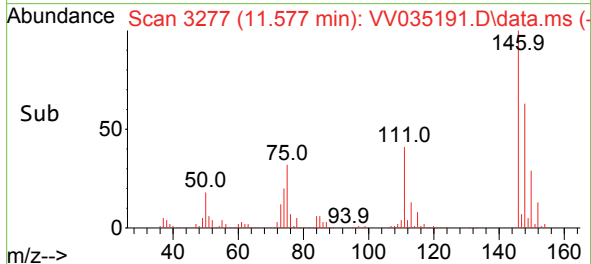


#67
1,2-Dichlorobenzene
Concen: 4.940 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15

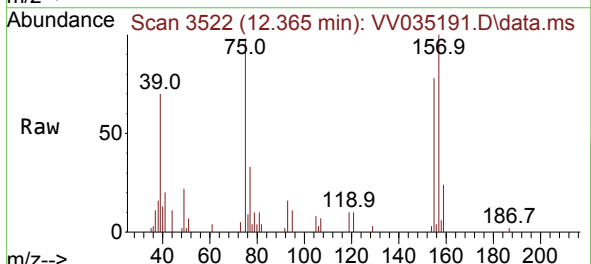
Instrument :
MSVOA_V
ClientSampleId :



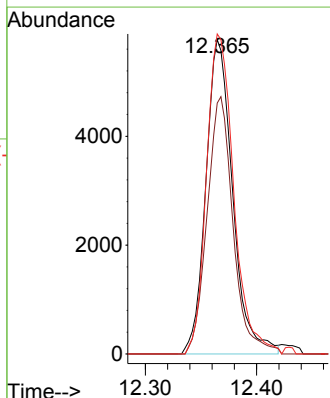
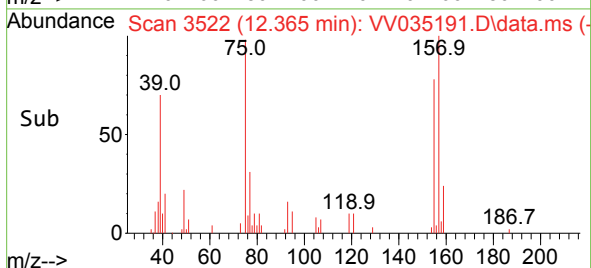
Tgt Ion:146 Resp: 143547
Ion Ratio Lower Upper
146 100
111 41.4 33.9 50.9
148 63.3 49.3 73.9

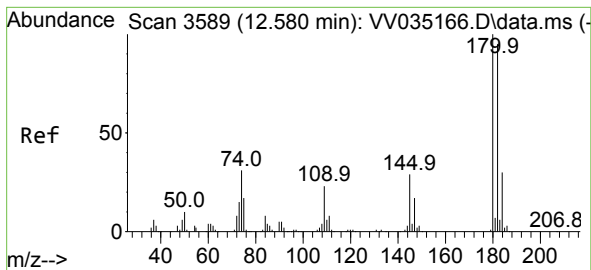


#68
1,2-Dibromo-3-chloropropane
Concen: 5.110 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.000 min
Lab File: VV035191.D
Acq: 12 Apr 2024 22:15



Tgt Ion: 75 Resp: 9669
Ion Ratio Lower Upper
75 100
155 79.8 63.4 95.0
157 101.8 78.6 117.8





#69

1,3,5-Trichlorobenzene

Concen: 4.694 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

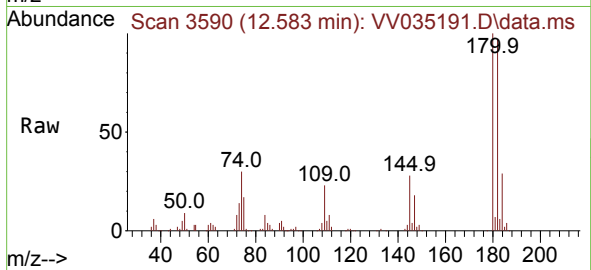
Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 110855

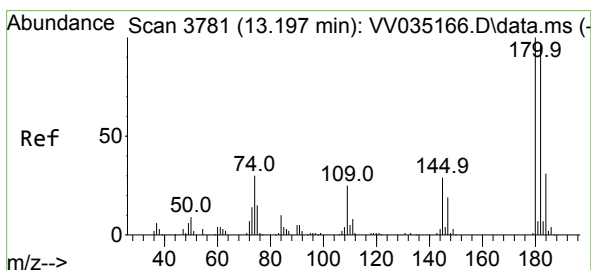
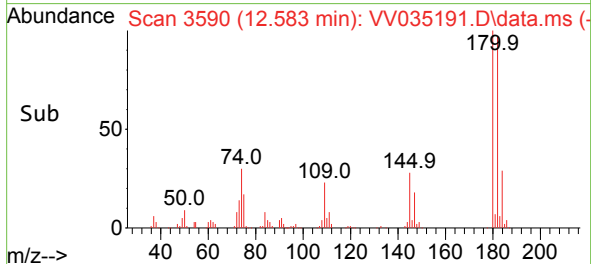
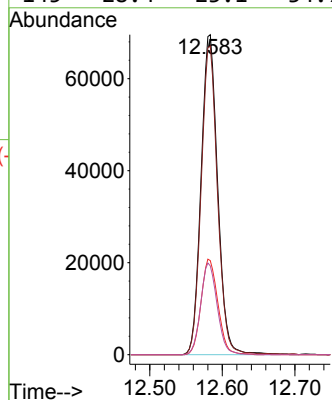
Ion Ratio Lower Upper

180 100

182 94.7 77.3 115.9

184 30.1 24.1 36.1

145 28.4 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 4.907 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

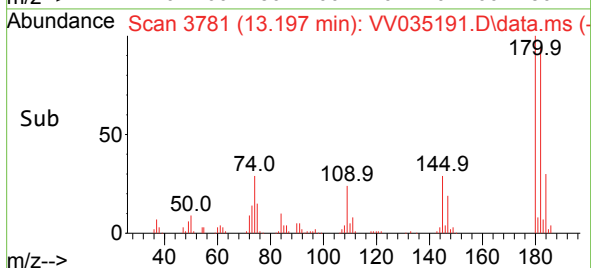
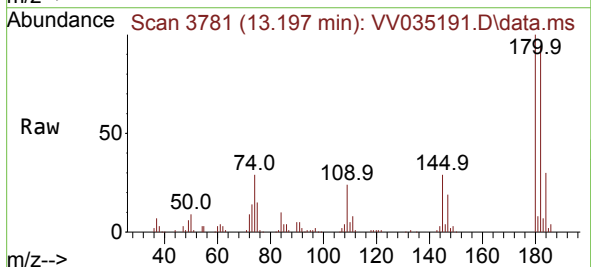
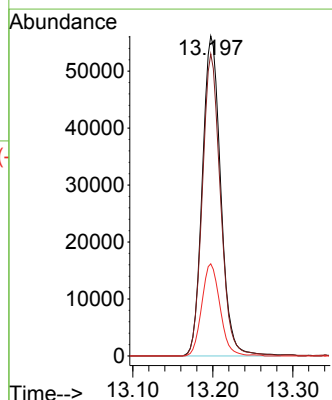
Tgt Ion:180 Resp: 90030

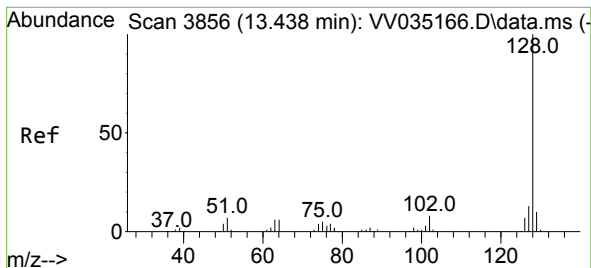
Ion Ratio Lower Upper

180 100

182 92.9 75.3 112.9

145 28.6 23.4 35.0





#71

Naphthalene

Concen: 4.691 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

Instrument :

MSVOA_V

ClientSampleId :

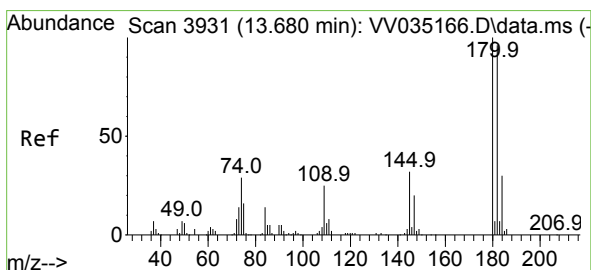
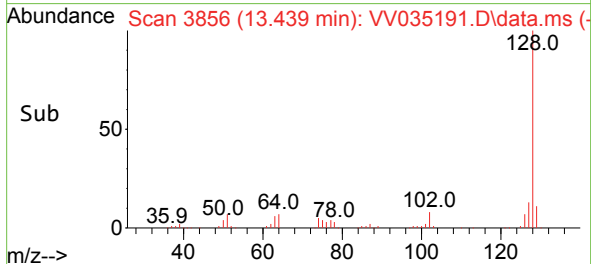
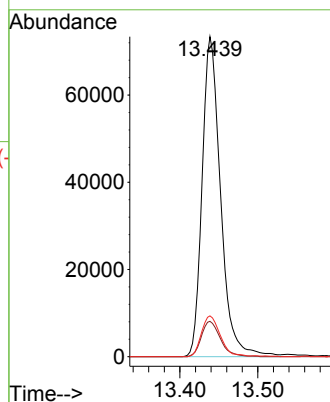
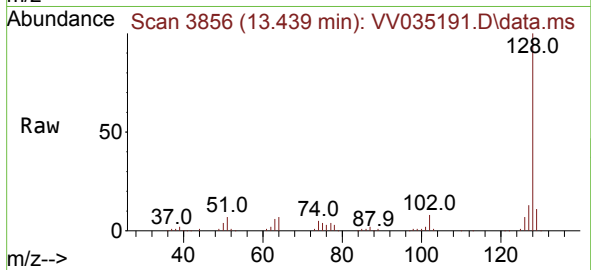
Tgt Ion:128 Resp: 120938

Ion Ratio Lower Upper

128 100

129 11.4 8.6 12.8

127 13.0 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 5.190 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV035191.D

Acq: 12 Apr 2024 22:15

Tgt Ion:180 Resp: 83737

Ion Ratio Lower Upper

180 100

182 96.0 77.0 115.4

145 31.5 25.4 38.2

