

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033682.D
 Acq On : 16 Jan 2024 19:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 00:15:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 00:08:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	109874	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	101205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	53212	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24160	4.021	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.536	69	23607	4.430	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.063	65	11876	4.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	3.806	46	76662	52.186	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.380%
24) Chloroform-d	4.253	84	63939	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	4.947	65	29275	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	4.963	84	114372	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	5.992	67	36830	4.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.243	98	100834	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.558	79	13464	4.784	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.027	63	59671	53.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.000%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	25411	5.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	39453	4.829	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	49139	4.909	ug/L	98
3) Chloromethane	1.217	50	55742	4.645	ug/L	99
5) Vinyl chloride	1.285	62	56104	4.909	ug/L	99
6) Bromomethane	1.491	94	19598	3.428	ug/L	99
8) Chloroethane	1.552	64	34763	5.008	ug/L	97
9) Trichlorofluoromethane	1.716	101	75695	5.451	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	41882	5.366	ug/L	100
12) 1,1-Dichloroethene	2.073	96	40823	5.271	ug/L	95
13) Acetone	2.134	43	50488	42.336	ug/L	91
14) Carbon disulfide	2.243	76	140808	4.914	ug/L	99
15) Methyl Acetate	2.388	43	13542	4.751	ug/L	98
16) Methylene chloride	2.449	84	47526	5.200	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	92840	5.294	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	44956	5.138	ug/L	96
19) 1,1-Dichloroethane	3.114	63	87258	5.020	ug/L	99
21) 2-Butanone	3.889	43	74719	45.138	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	47189	5.151	ug/L	99
23) Bromochloromethane	4.153	128	17963	5.376	ug/L	98
25) Chloroform	4.278	83	83410	5.226	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033682.D
 Acq On : 16 Jan 2024 19:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 00:15:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 00:08:33 2024
 Response via : Initial Calibration

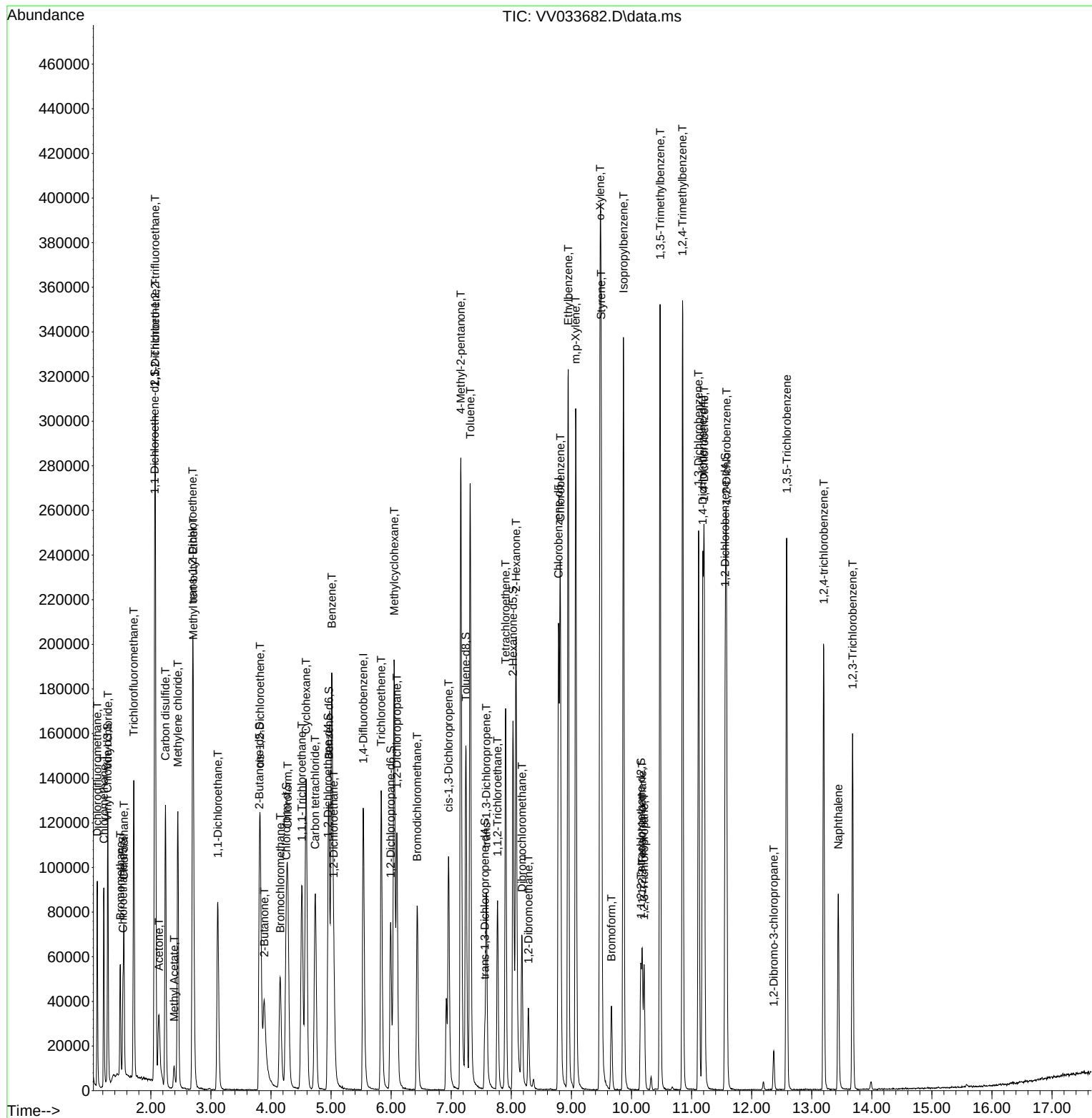
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	48469	5.329	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	75777	5.281	ug/L	99
30) Cyclohexane	4.584	56	81958	4.765	ug/L	98
31) Carbon tetrachloride	4.735	117	66142	5.407	ug/L	98
33) Benzene	5.011	78	184185	5.126	ug/L	100
34) Trichloroethene	5.834	95	47589	4.975	ug/L	98
35) Methylcyclohexane	6.050	83	78814	4.868	ug/L	98
37) 1,2-Dichloropropane	6.095	63	45033	5.047	ug/L	100
38) Bromodichloromethane	6.433	83	57135	5.253	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	64816	5.087	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	210891	51.412	ug/L	98
42) Toluene	7.317	91	195843	5.154	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	50116	4.880	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	25546	5.153	ug/L	97
47) Tetrachloroethene	7.905	164	36754	5.348	ug/L	96
48) 2-Hexanone	8.079	43	146797	48.851	ug/L	99
49) Dibromochloromethane	8.178	129	33533	5.432	ug/L	98
50) 1,2-Dibromoethane	8.285	107	24262	5.302	ug/L	100
51) Chlorobenzene	8.815	112	120818	5.190	ug/L	97
52) Ethylbenzene	8.947	91	223704	5.078	ug/L	100
53) m,p-Xylene	9.072	106	81150	5.000	ug/L	97
54) o-Xylene	9.477	106	81363	5.152	ug/L	99
55) Styrene	9.497	104	130721	5.194	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	29772	5.472	ug/L	100
59) Bromoform	9.667	173	16650	5.184	ug/L	99
60) Isopropylbenzene	9.866	105	209072	4.966	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	22086	5.178	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	182168	5.008	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	186290	5.073	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	95096	5.107	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	91360	5.011	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	81891	5.061	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	4746	5.063	ug/L	92
69) 1,3,5-Trichlorobenzene	12.583	180	72500	5.016	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	57741	4.794	ug/L	99
71) Naphthalene	13.442	128	67451	3.356	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	44900	4.649	ug/L	99

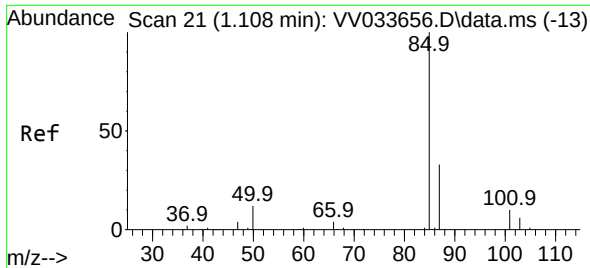
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033682.D
Acq On : 16 Jan 2024 19:44
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 17 00:15:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 17 00:08:33 2024
Response via : Initial Calibration

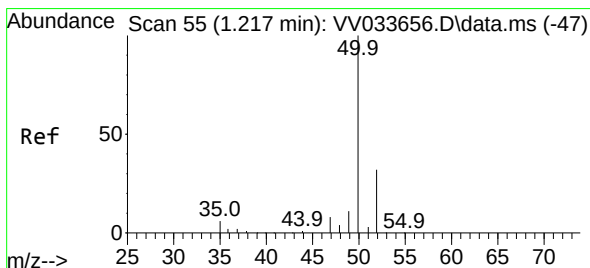
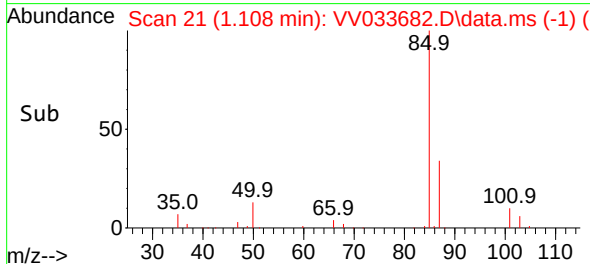
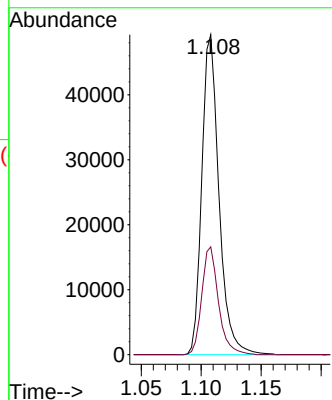
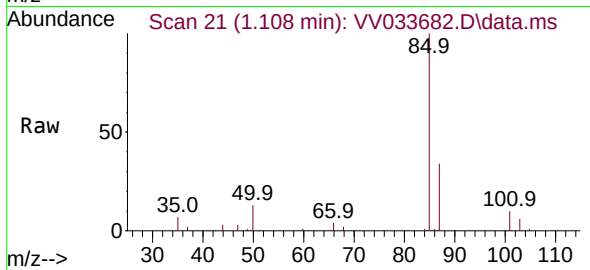




#2
Dichlorodifluoromethane
Concen: 4.909 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033682.D
Acq: 16 Jan 2024 19:44

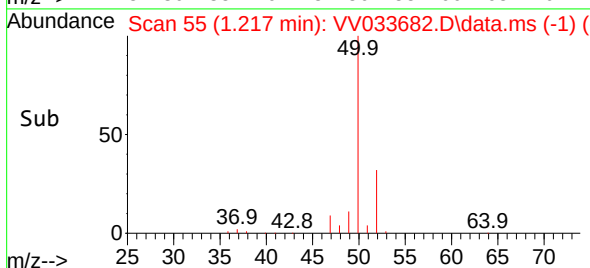
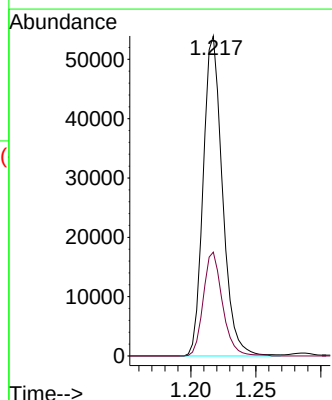
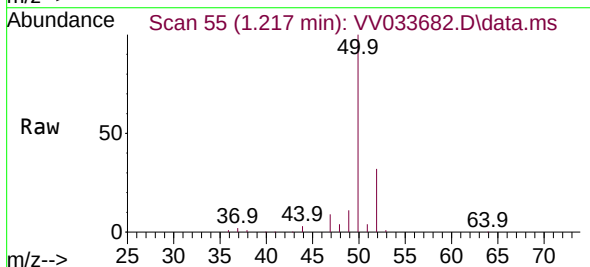
Instrument :
MSVOA_V
ClientSampleId :

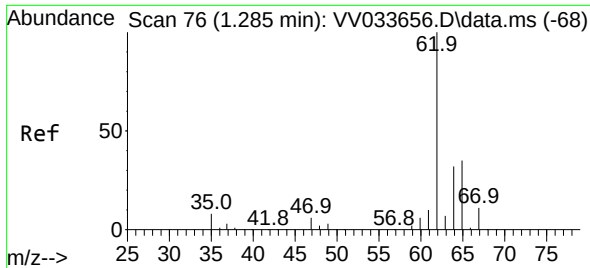
Tgt Ion: 85 Resp: 49139
Ion Ratio Lower Upper
85 100
87 32.8 25.2 37.8



#3
Chloromethane
Concen: 4.645 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV033682.D
Acq: 16 Jan 2024 19:44

Tgt Ion: 50 Resp: 55742
Ion Ratio Lower Upper
50 100
52 32.4 23.1 42.9

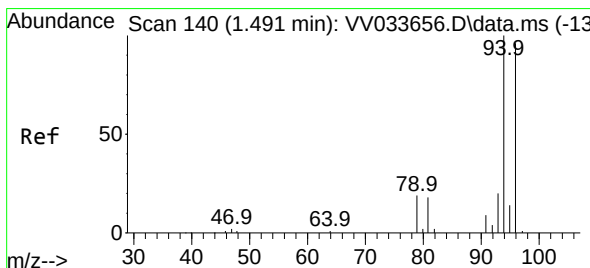
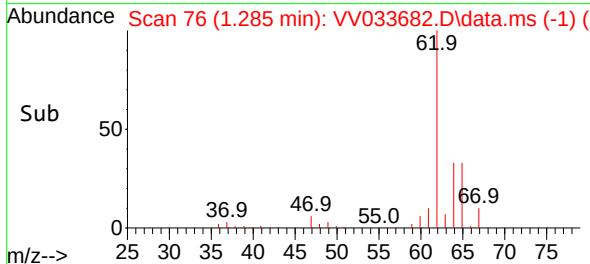
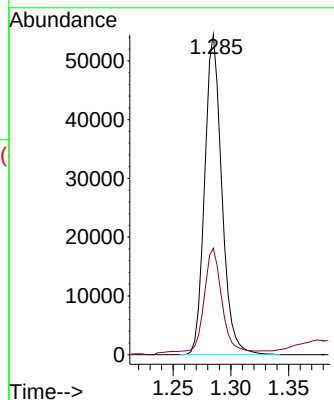
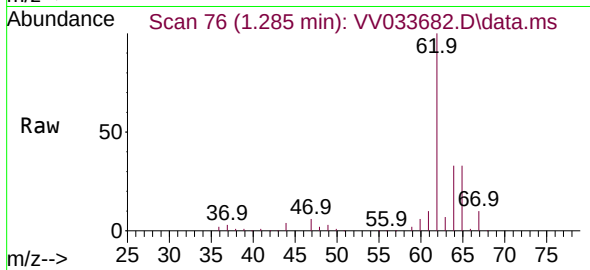




#5
 Vinyl chloride
 Concen: 4.909 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV033682.D
 Acq: 16 Jan 2024 19:44

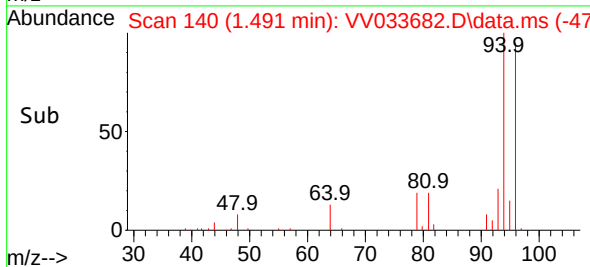
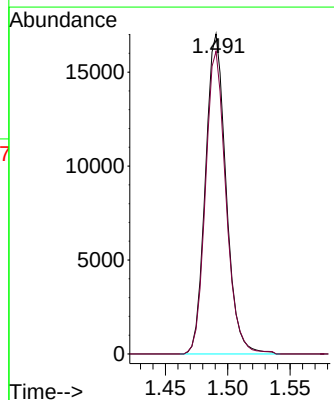
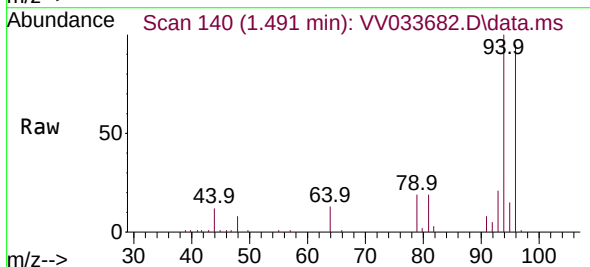
Instrument :
 MSVOA_V
 ClientSampleId :

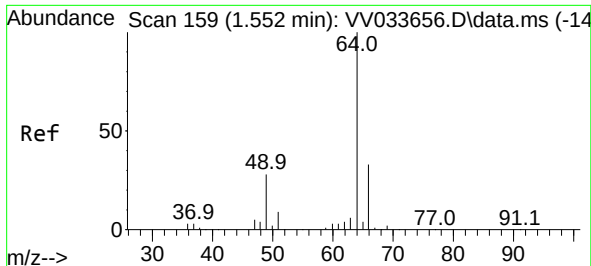
Tgt Ion: 62 Resp: 56104
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.0 42.8



#6
 Bromomethane
 Concen: 3.428 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV033682.D
 Acq: 16 Jan 2024 19:44

Tgt Ion: 94 Resp: 19598
 Ion Ratio Lower Upper
 94 100
 96 94.6 65.5 121.6

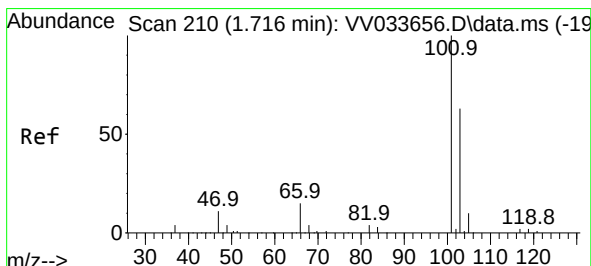
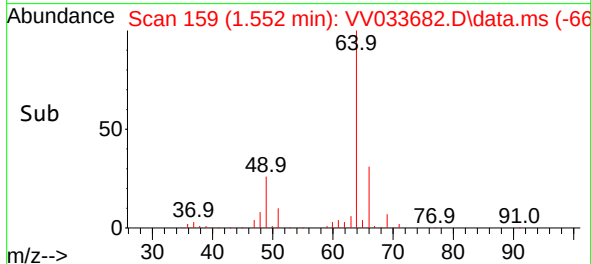
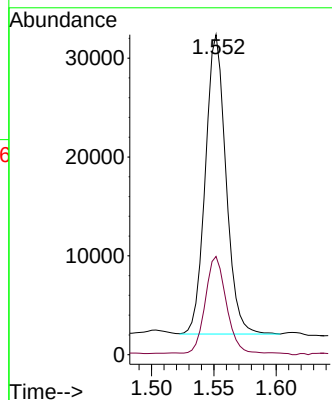
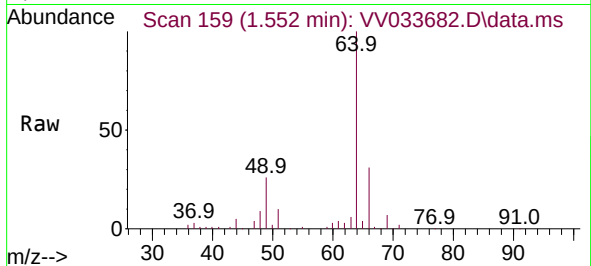




#8
Chloroethane
Concen: 5.008 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033682.D
Acq: 16 Jan 2024 19:44

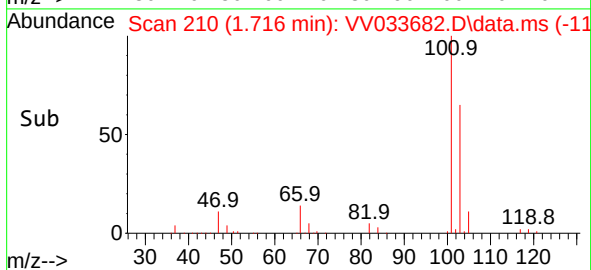
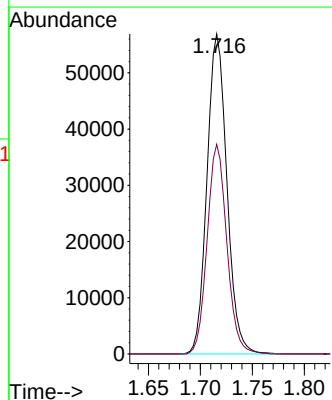
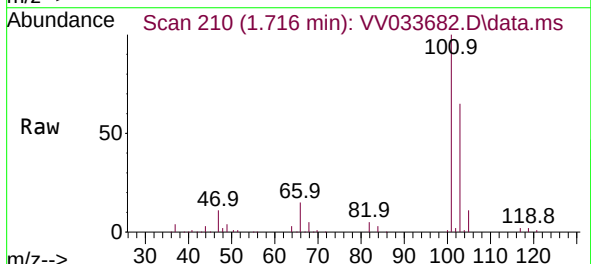
Instrument :
MSVOA_V
ClientSampleId :

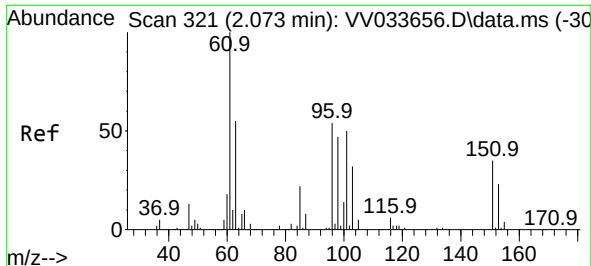
Tgt Ion: 64 Resp: 34763
Ion Ratio Lower Upper
64 100
66 30.7 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.451 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV033682.D
Acq: 16 Jan 2024 19:44

Tgt Ion:101 Resp: 75695
Ion Ratio Lower Upper
101 100
103 64.6 52.1 78.1

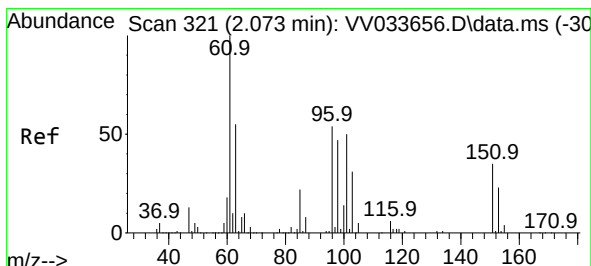
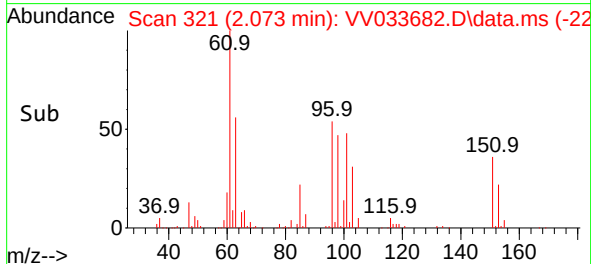
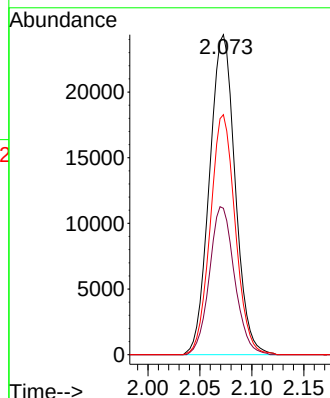
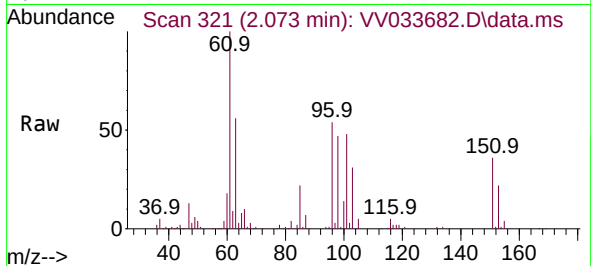




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.366 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV033682.D
 Acq: 16 Jan 2024 19:44

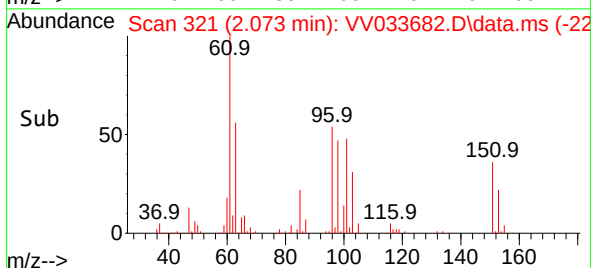
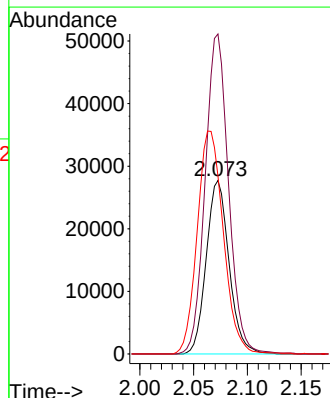
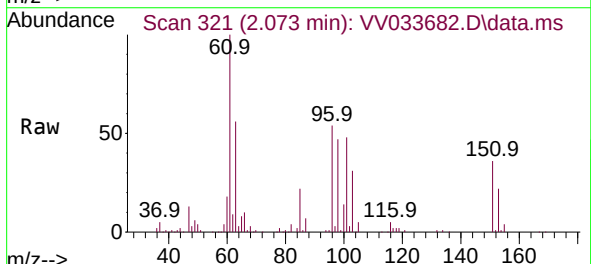
Instrument :
 MSVOA_V
 ClientSampleId :

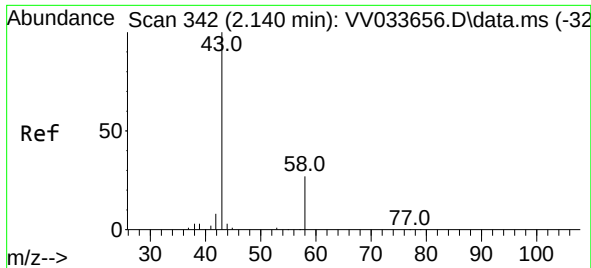
Tgt Ion:101 Resp: 41882
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.4 54.6
 151 72.9 58.1 87.1



#12
 1,1-Dichloroethene
 Concen: 5.271 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV033682.D
 Acq: 16 Jan 2024 19:44

Tgt Ion: 96 Resp: 40823
 Ion Ratio Lower Upper
 96 100
 61 184.6 133.8 248.4
 63 102.7 77.2 143.4





#13

Acetone

Concen: 42.336 ug/L

RT: 2.134 min Scan# 34

Delta R.T. -0.006 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

Instrument :

MSVOA_V

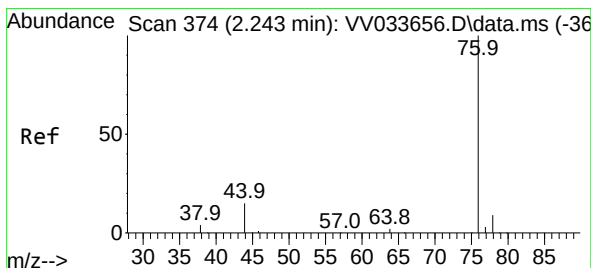
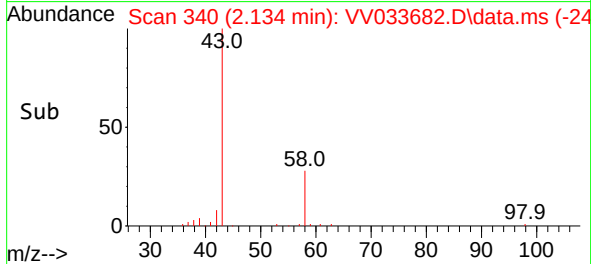
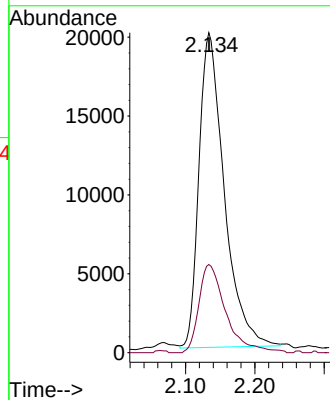
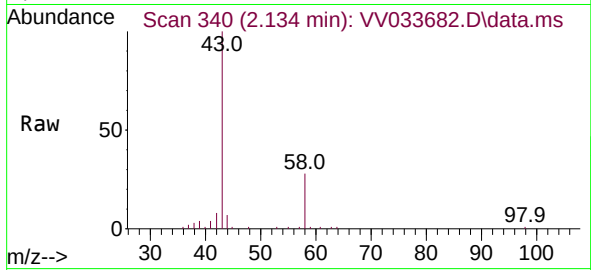
ClientSampleId :

Tgt Ion: 43 Resp: 50488

Ion Ratio Lower Upper

43 100

58 29.8 0.0 51.0



#14

Carbon disulfide

Concen: 4.914 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV033682.D

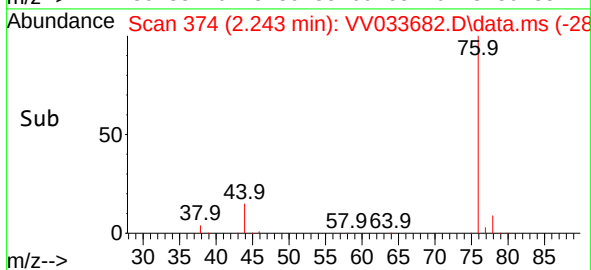
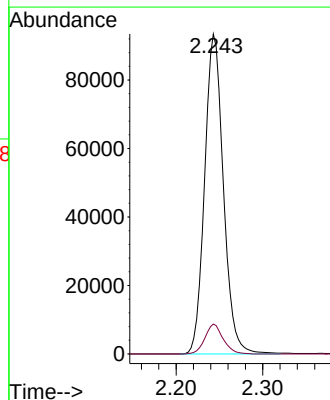
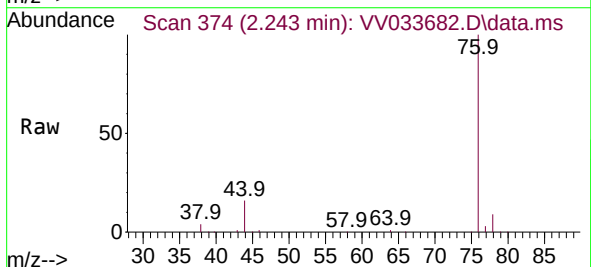
Acq: 16 Jan 2024 19:44

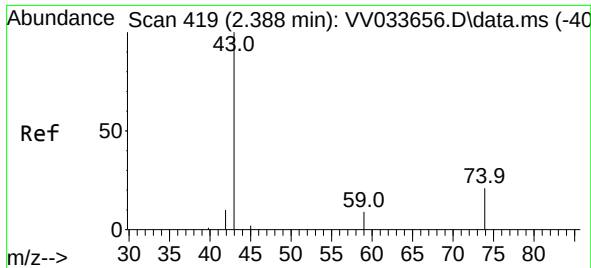
Tgt Ion: 76 Resp: 140808

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

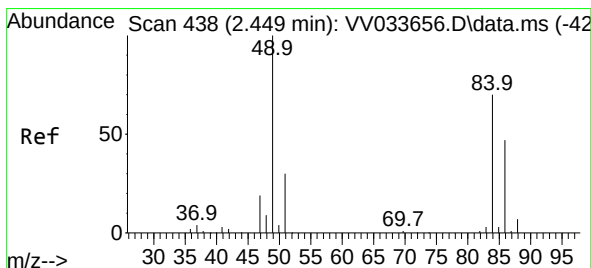
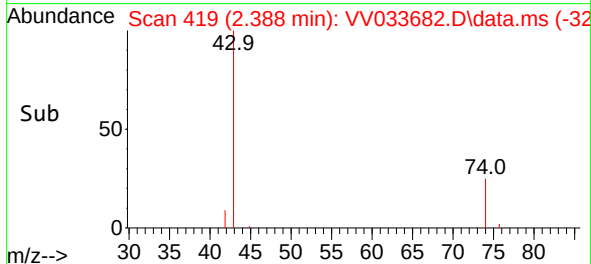
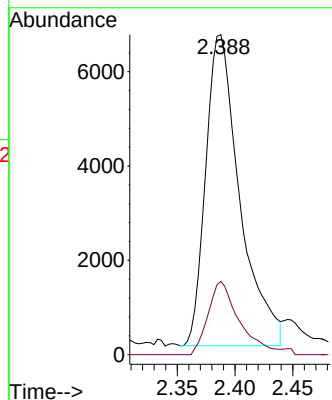
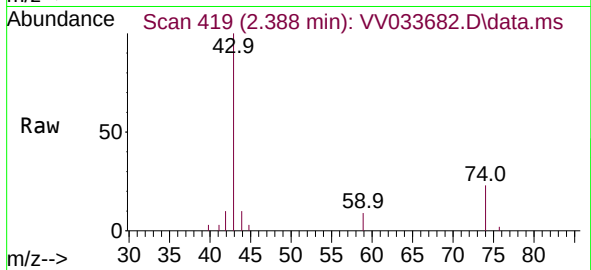




#15
Methyl Acetate
Concen: 4.751 ug/L
RT: 2.388 min Scan# 419
Delta R.T. 0.000 min
Lab File: VV033682.D
Acq: 16 Jan 2024 19:44

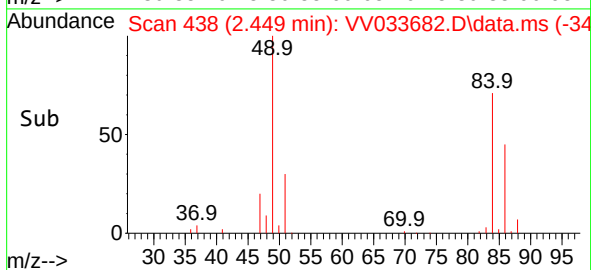
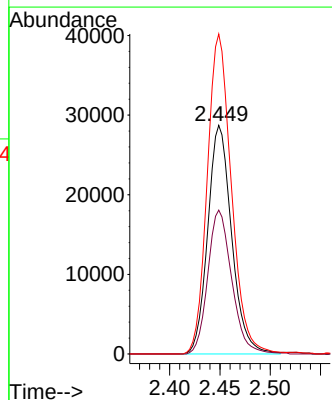
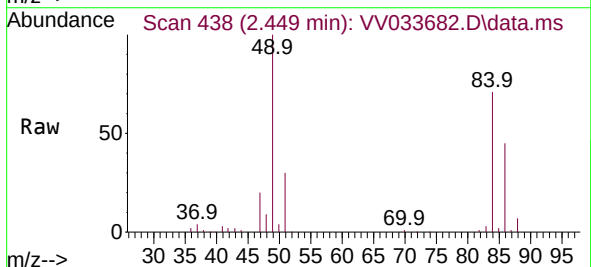
Instrument :
MSVOA_V
ClientSampleId :

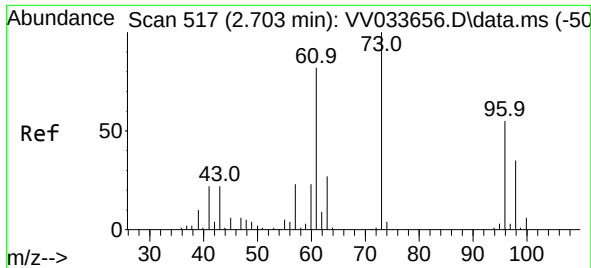
Tgt Ion: 43 Resp: 13542
Ion Ratio Lower Upper
43 100
74 21.6 16.6 24.8



#16
Methylene chloride
Concen: 5.200 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV033682.D
Acq: 16 Jan 2024 19:44

Tgt Ion: 84 Resp: 47526
Ion Ratio Lower Upper
84 100
86 62.9 45.5 84.5
49 140.0 100.3 186.3

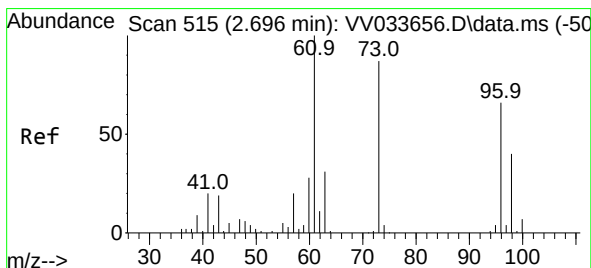
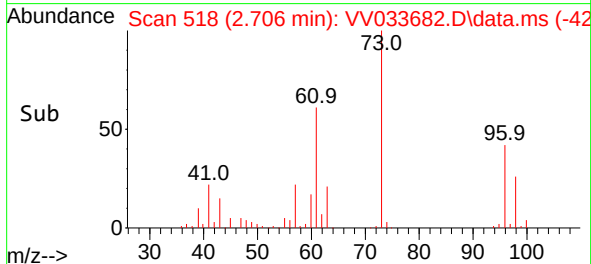
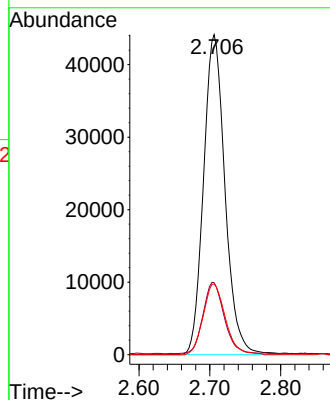
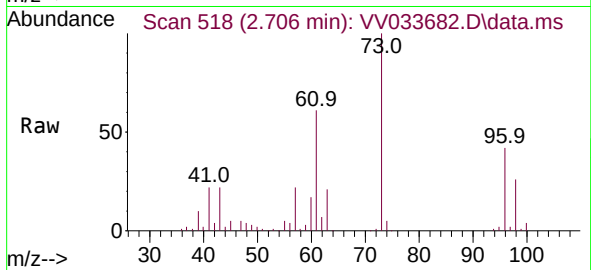




#17
Methyl tert-butyl Ether
Concen: 5.294 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV033682.D
Acq: 16 Jan 2024 19:44

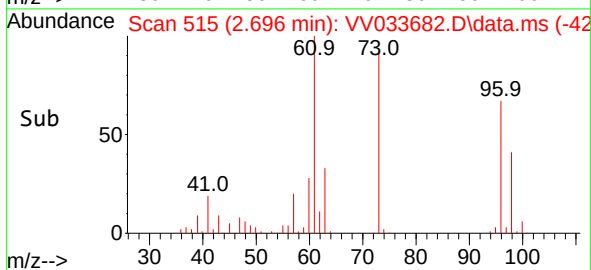
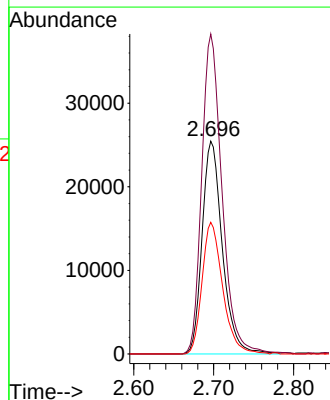
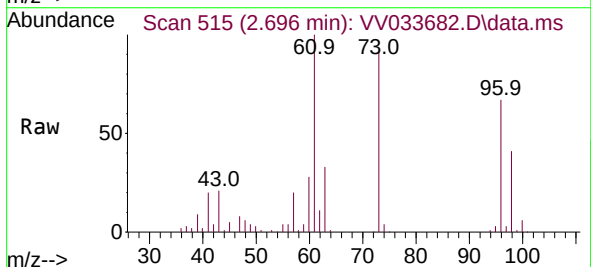
Instrument :
MSVOA_V
ClientSampleId :

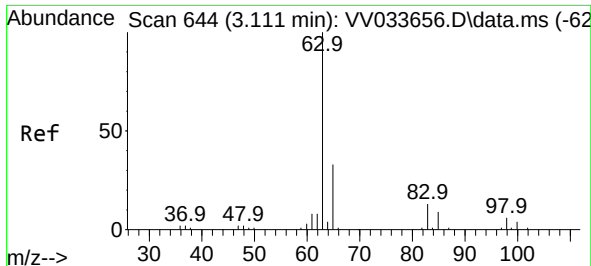
Tgt Ion: 73 Resp: 92840
Ion Ratio Lower Upper
73 100
43 21.7 17.7 26.5
57 22.8 19.5 29.3



#18
trans-1,2-Dichloroethene
Concen: 5.138 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV033682.D
Acq: 16 Jan 2024 19:44

Tgt Ion: 96 Resp: 44956
Ion Ratio Lower Upper
96 100
61 150.3 110.4 205.0
98 61.8 44.1 81.9





#19

1,1-Dichloroethane

Concen: 5.020 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

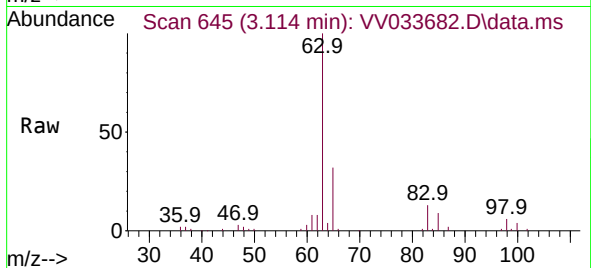
Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

Instrument :

MSVOA_V

ClientSampleId :



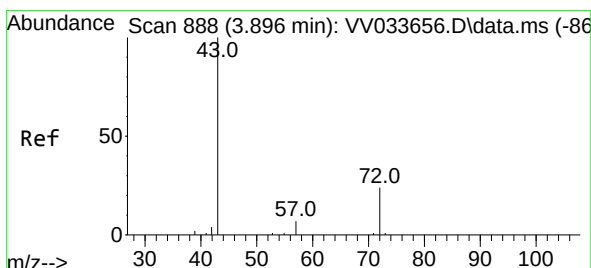
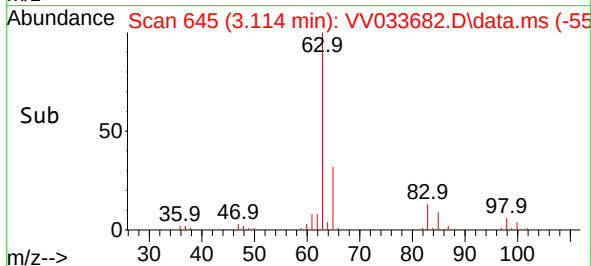
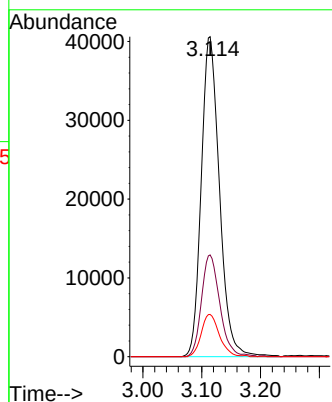
Tgt Ion: 63 Resp: 87258

Ion Ratio Lower Upper

63 100

65 31.8 21.6 40.2

83 13.2 9.1 16.9



#21

2-Butanone

Concen: 45.138 ug/L

RT: 3.889 min Scan# 886

Delta R.T. -0.006 min

Lab File: VV033682.D

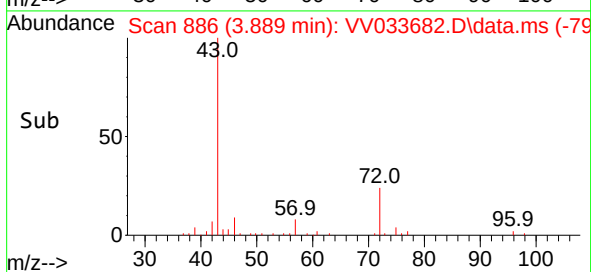
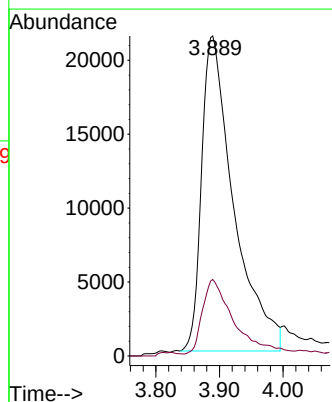
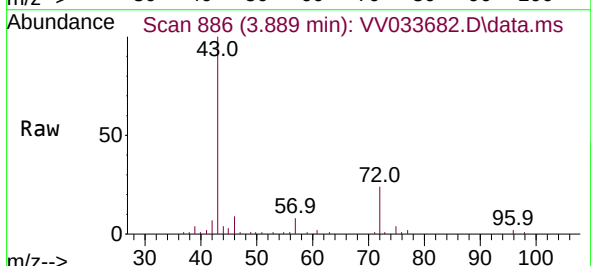
Acq: 16 Jan 2024 19:44

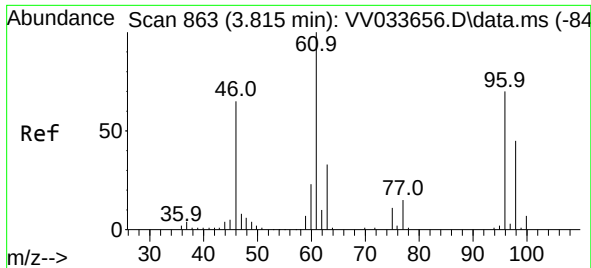
Tgt Ion: 43 Resp: 74719

Ion Ratio Lower Upper

43 100

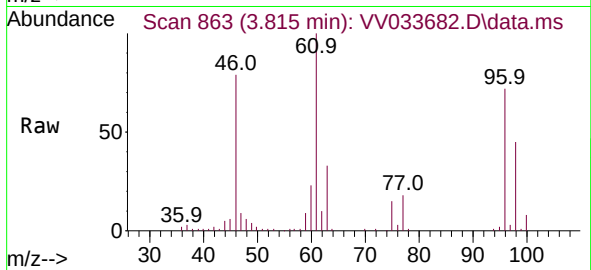
72 23.2 10.5 31.6





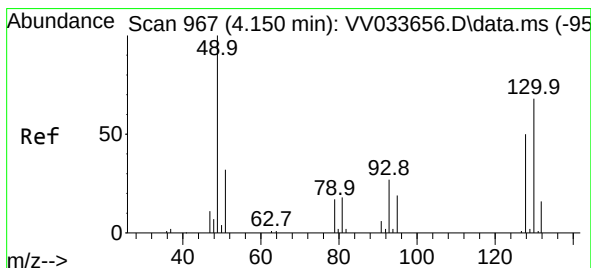
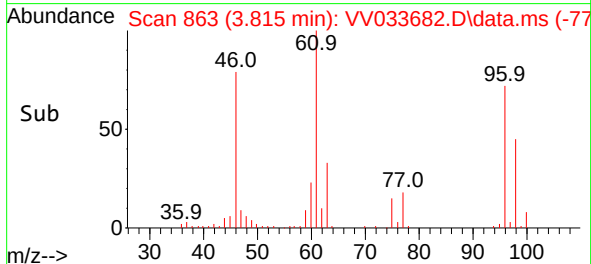
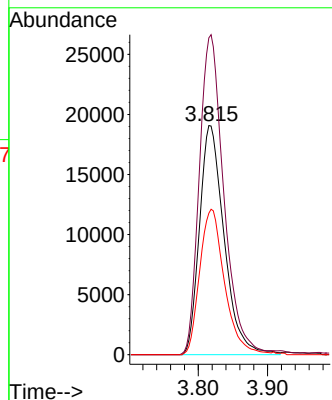
#22
 cis-1,2-Dichloroethene
 Concen: 5.151 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV033682.D
 Acq: 16 Jan 2024 19:44

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 47189

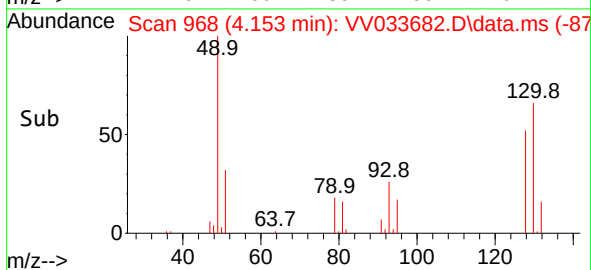
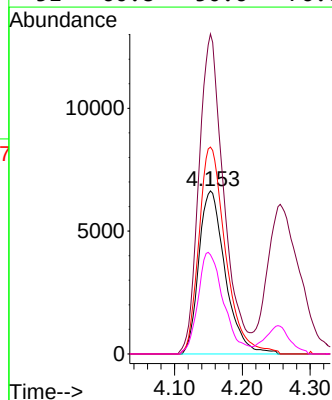
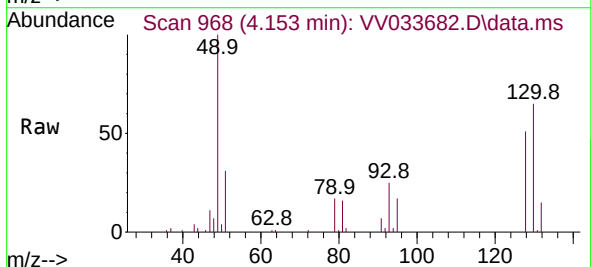
Ion	Ratio	Lower	Upper
96	100		
61	138.2	97.1	180.3
98	61.7	42.6	79.0

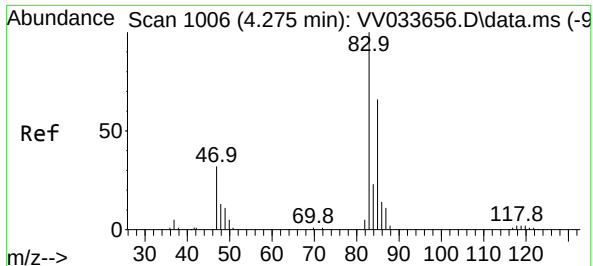


#23
 Bromochloromethane
 Concen: 5.376 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.003 min
 Lab File: VV033682.D
 Acq: 16 Jan 2024 19:44

Tgt Ion: 128 Resp: 17963

Ion	Ratio	Lower	Upper
128	100		
49	196.2	136.4	253.2
130	126.8	87.5	162.5
51	60.8	50.6	76.0





#25

Chloroform

Concen: 5.226 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

Instrument :

MSVOA_V

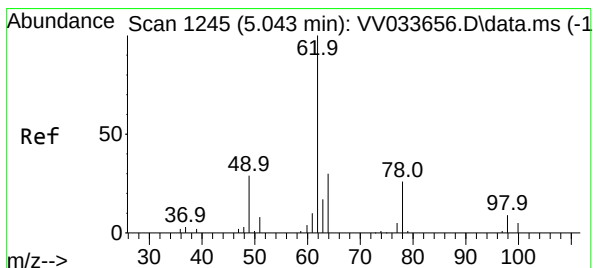
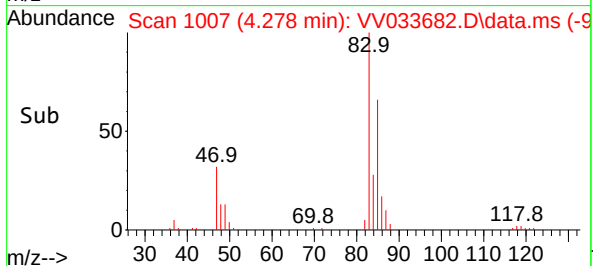
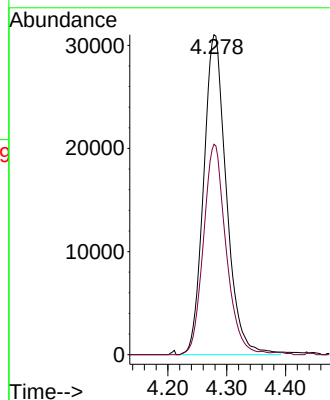
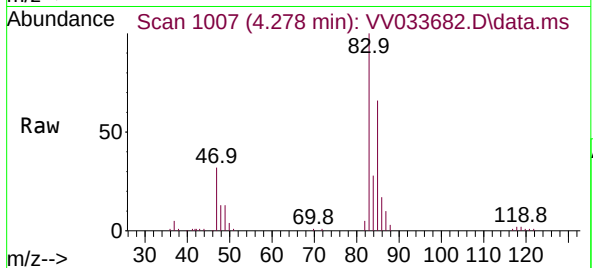
ClientSampleId :

Tgt Ion: 83 Resp: 83410

Ion Ratio Lower Upper

83 100

85 65.7 45.1 83.9



#27

1,2-Dichloroethane

Concen: 5.329 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VV033682.D

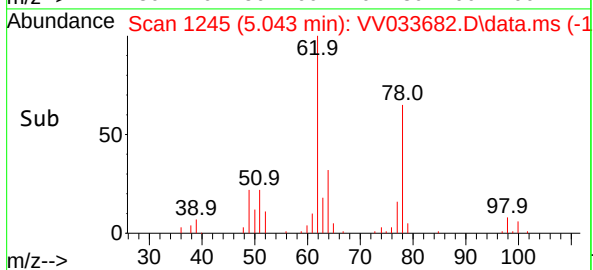
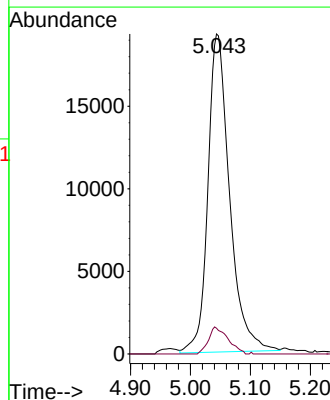
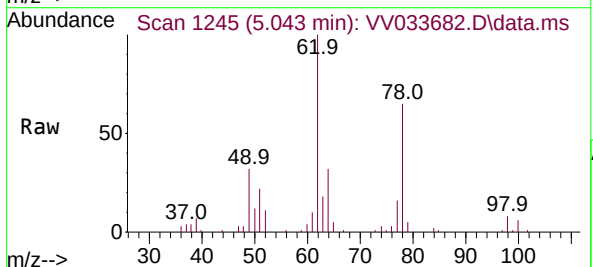
Acq: 16 Jan 2024 19:44

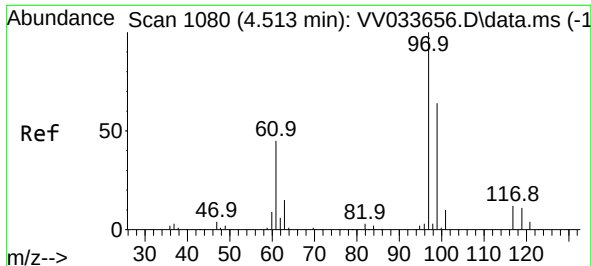
Tgt Ion: 62 Resp: 48469

Ion Ratio Lower Upper

62 100

98 8.1 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 5.281 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

Instrument :

MSVOA_V

ClientSampleId :

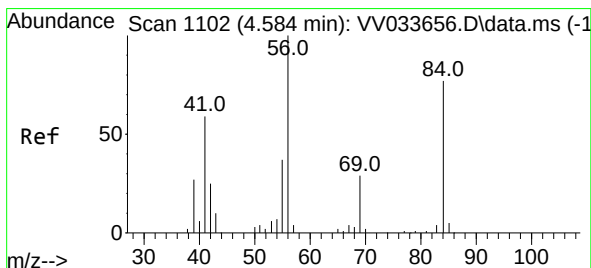
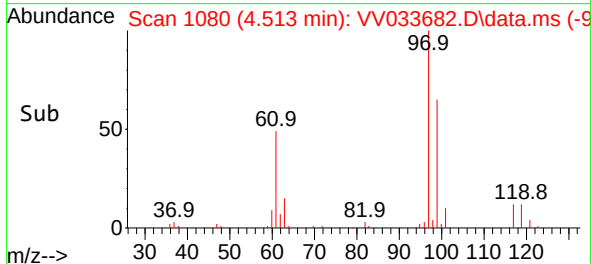
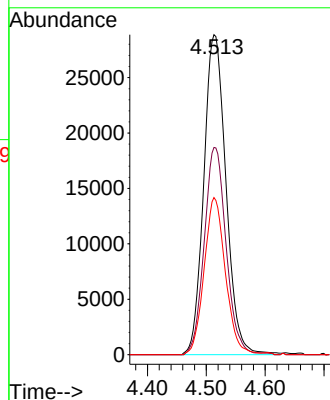
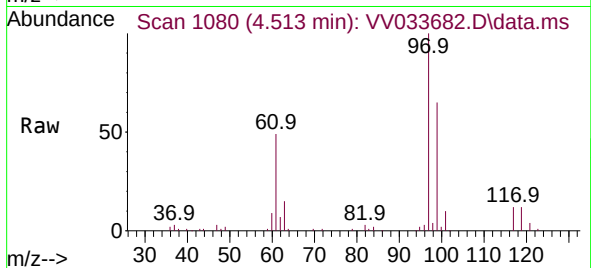
Tgt Ion: 97 Resp: 75777

Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 47.0 38.1 57.1



#30

Cyclohexane

Concen: 4.765 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

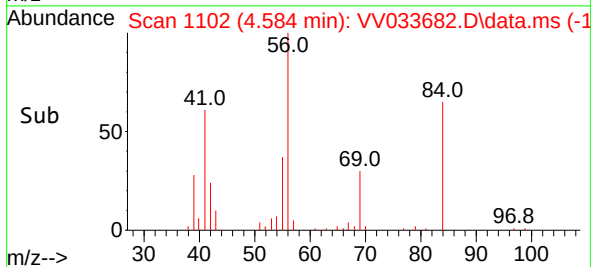
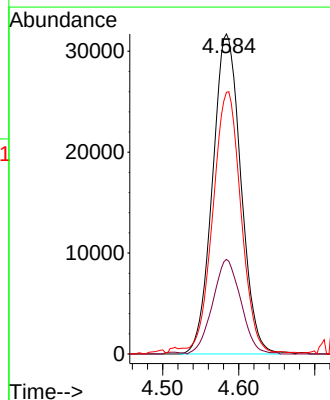
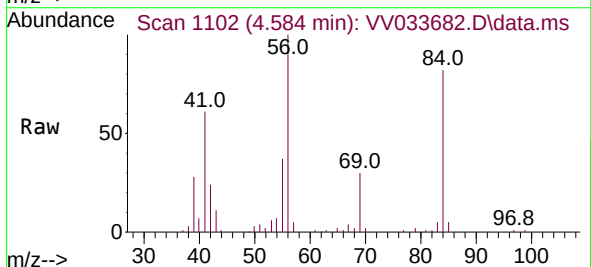
Tgt Ion: 56 Resp: 81958

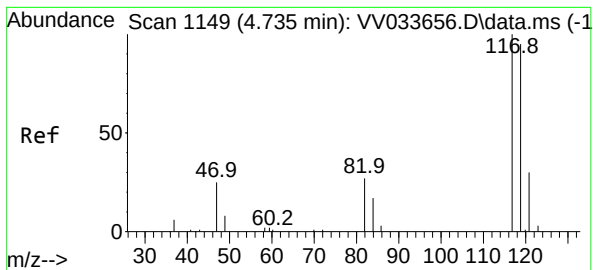
Ion Ratio Lower Upper

56 100

69 29.4 23.3 34.9

84 79.7 61.7 92.5





#31

Carbon tetrachloride

Concen: 5.407 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

Instrument :

MSVOA_V

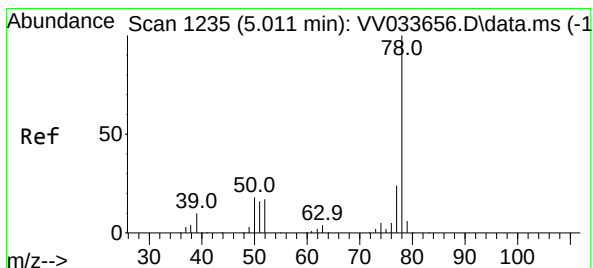
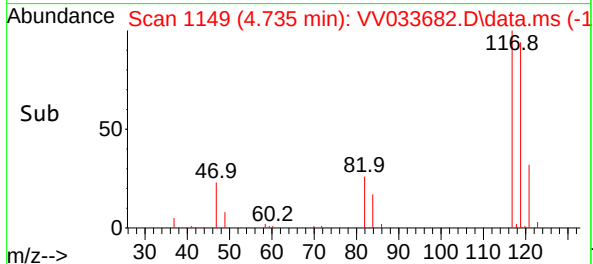
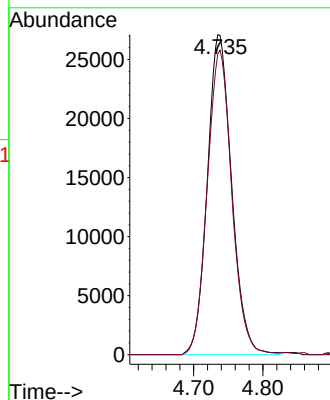
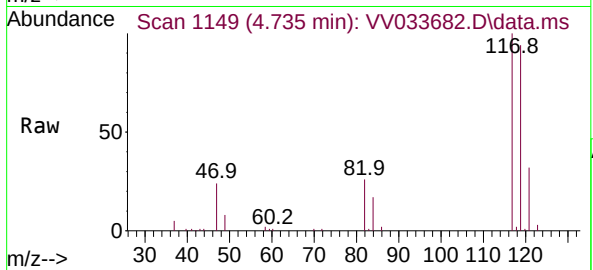
ClientSampleId :

Tgt Ion:117 Resp: 66142

Ion Ratio Lower Upper

117 100

119 95.8 78.3 117.5



#33

Benzene

Concen: 5.126 ug/L

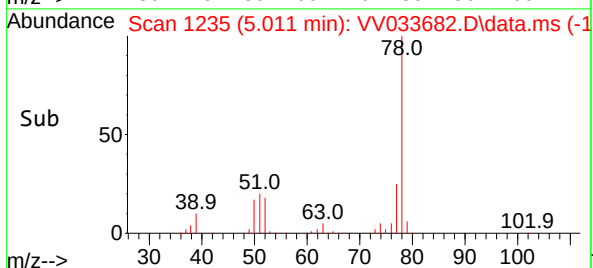
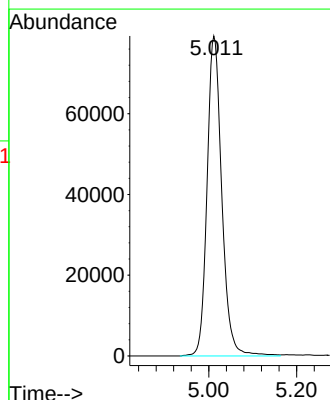
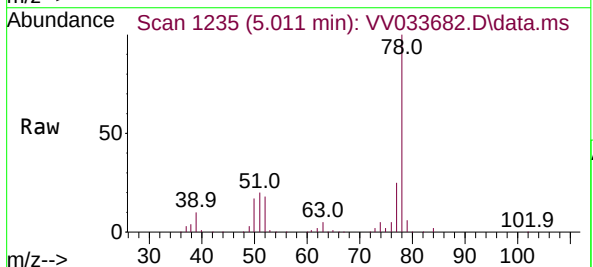
RT: 5.011 min Scan# 1235

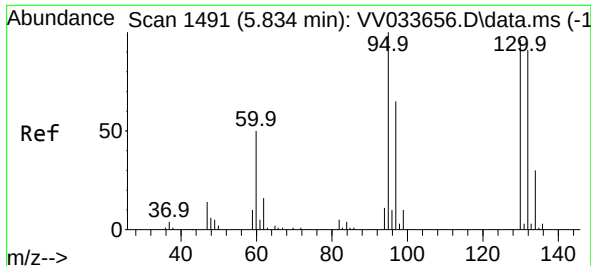
Delta R.T. 0.000 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

Tgt Ion: 78 Resp: 184185



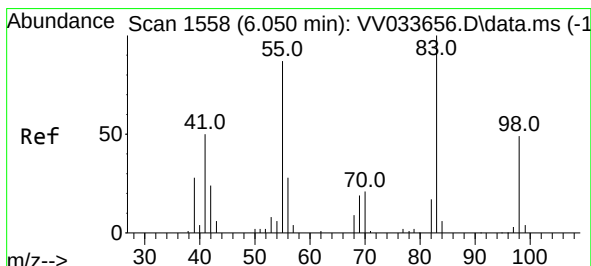
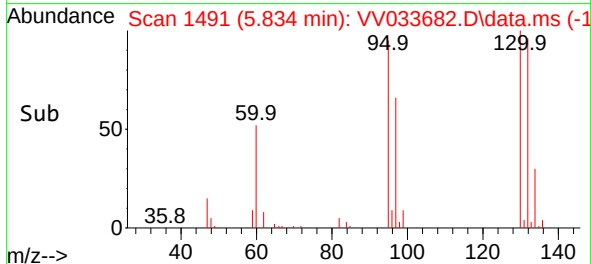
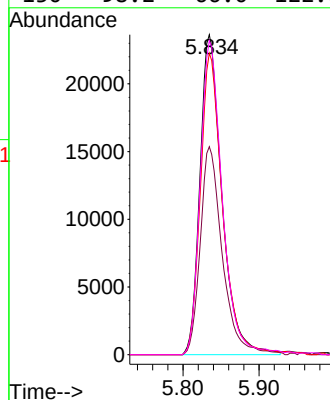
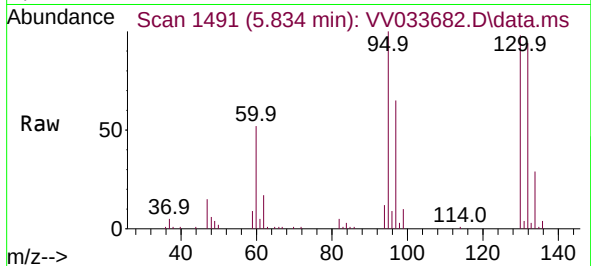


#34
Trichloroethene
Concen: 4.975 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV033682.D
Acq: 16 Jan 2024 19:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 47589

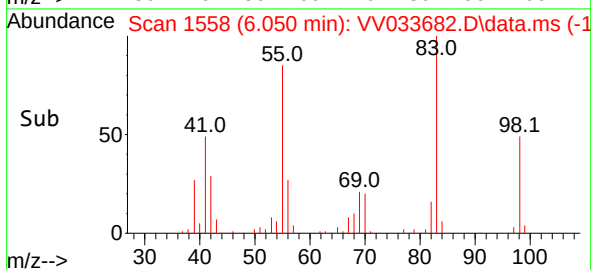
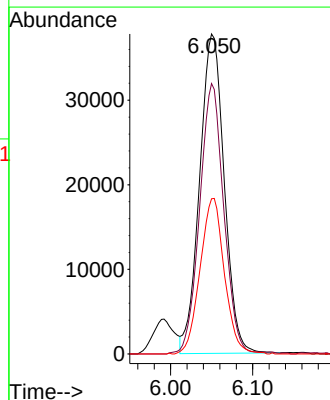
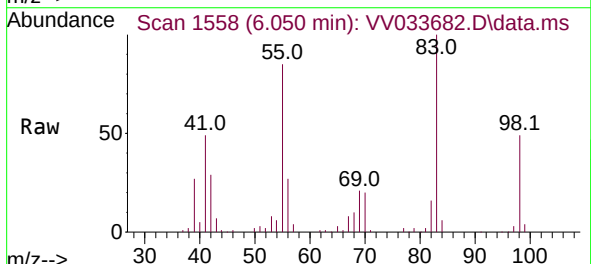
Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.1	83.9
132	94.2	65.2	121.2
130	98.2	66.0	122.6

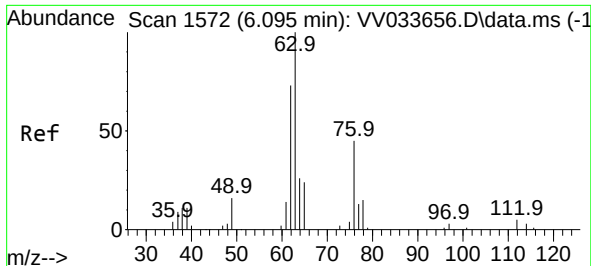


#35
Methylcyclohexane
Concen: 4.868 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV033682.D
Acq: 16 Jan 2024 19:44

Tgt Ion: 83 Resp: 78814

Ion	Ratio	Lower	Upper
83	100		
55	83.3	68.7	103.1
98	48.1	38.3	57.5

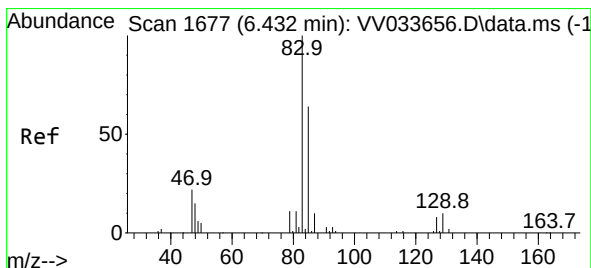
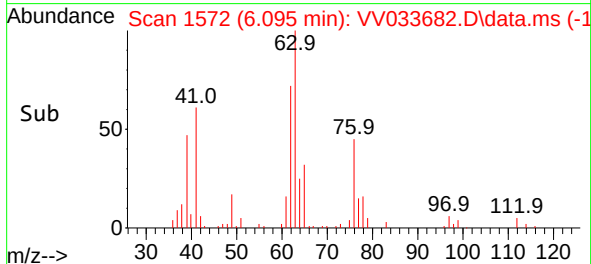
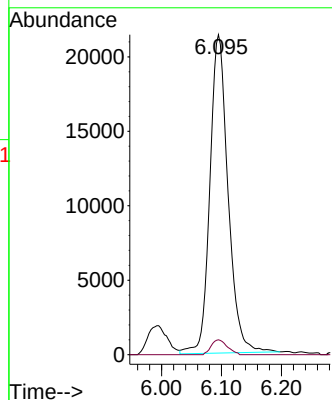
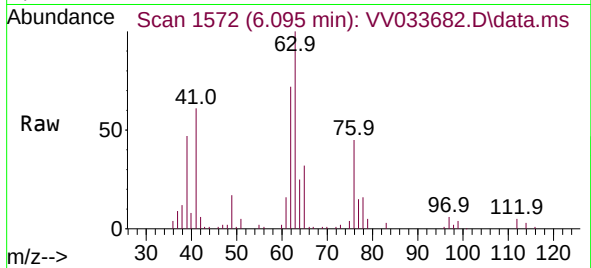




#37
1,2-Dichloropropane
Concen: 5.047 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033682.D
Acq: 16 Jan 2024 19:44

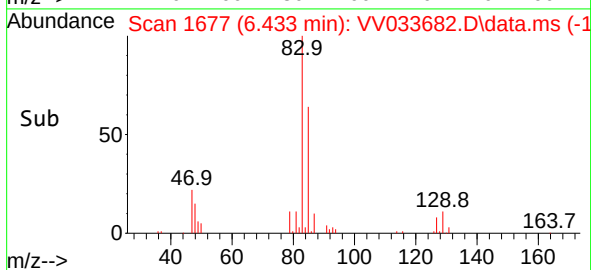
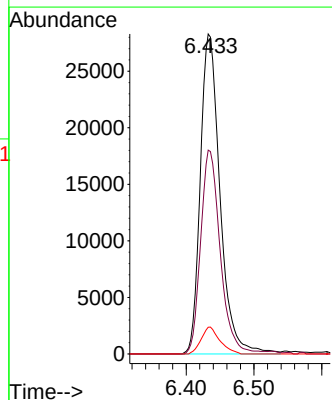
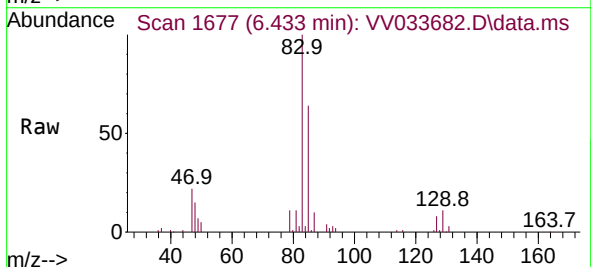
Instrument :
MSVOA_V
ClientSampleId :

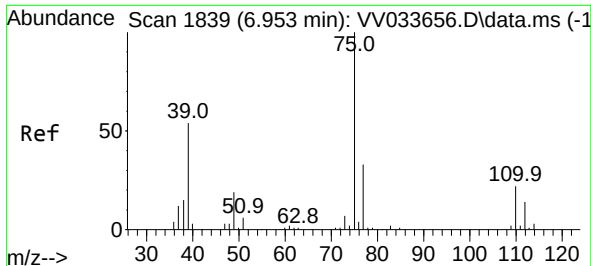
Tgt Ion: 63 Resp: 45033
Ion Ratio Lower Upper
63 100
112 4.1 3.4 5.2



#38
Bromodichloromethane
Concen: 5.253 ug/L
RT: 6.433 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VV033682.D
Acq: 16 Jan 2024 19:44

Tgt Ion: 83 Resp: 57135
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.9
127 8.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.087 ug/L

RT: 6.957 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

Instrument :

MSVOA_V

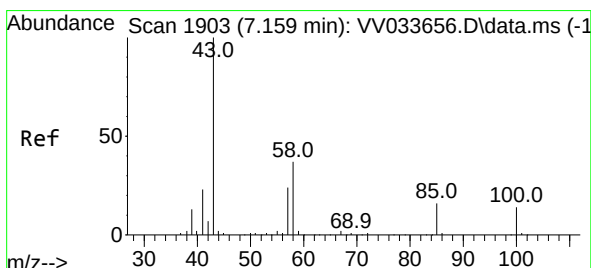
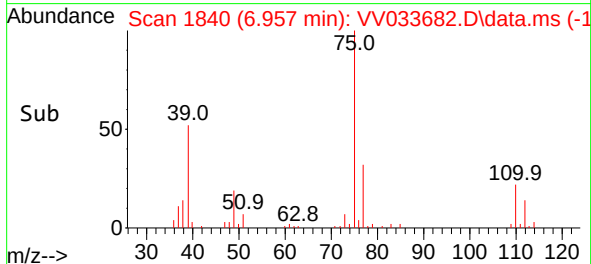
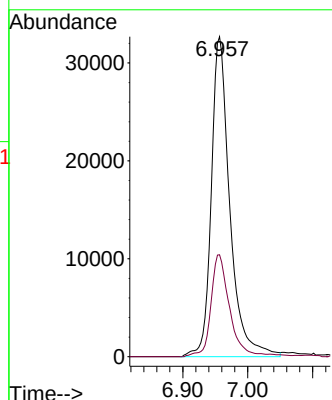
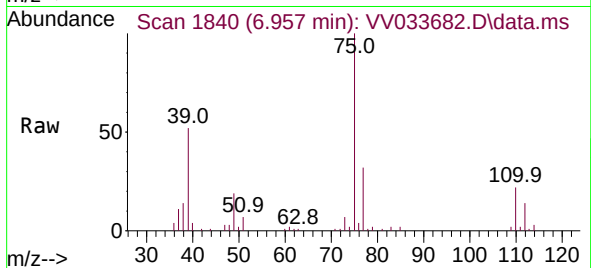
ClientSampleId :

Tgt Ion: 75 Resp: 64816

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 51.412 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

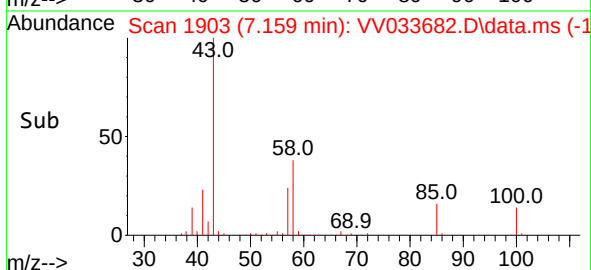
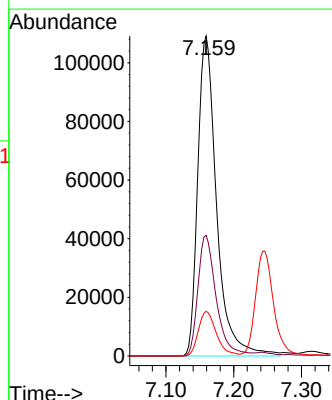
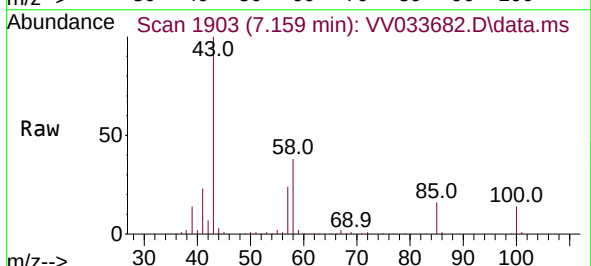
Tgt Ion: 43 Resp: 210891

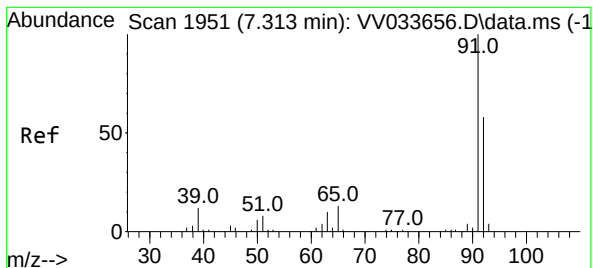
Ion Ratio Lower Upper

43 100

58 36.5 29.9 44.9

100 13.3 9.9 14.9





#42

Toluene

Concen: 5.154 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

Instrument :

MSVOA_V

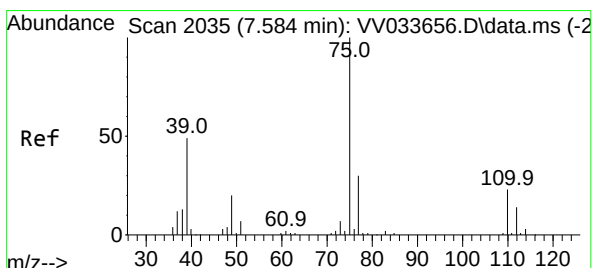
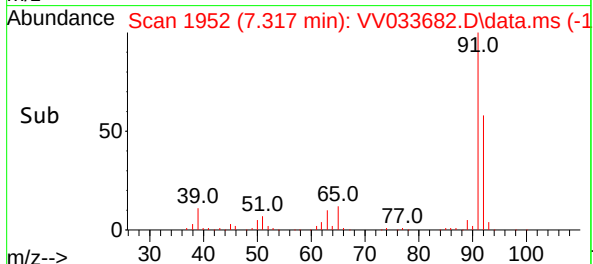
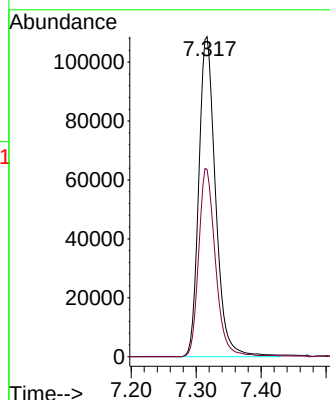
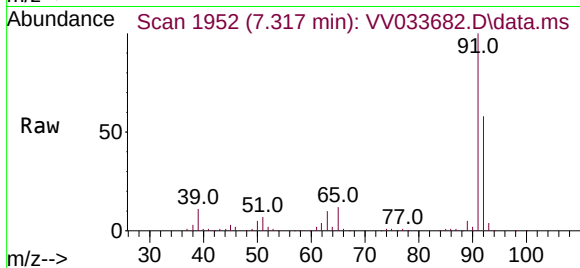
ClientSampleId :

Tgt Ion: 91 Resp: 195843

Ion Ratio Lower Upper

91 100

92 58.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.880 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV033682.D

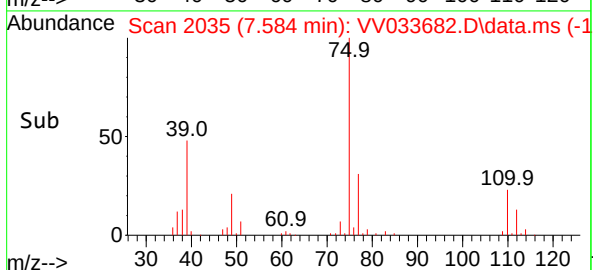
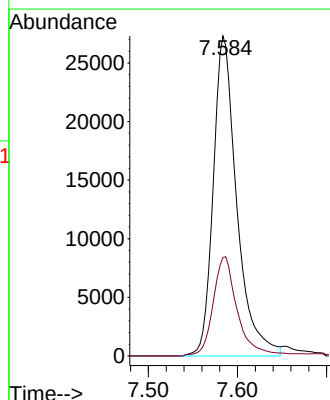
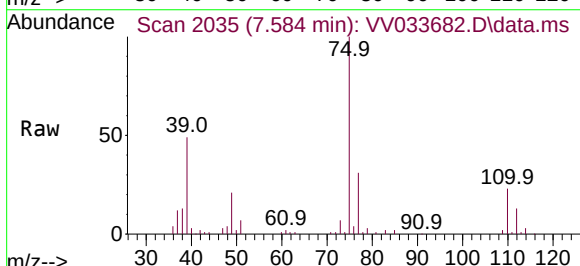
Acq: 16 Jan 2024 19:44

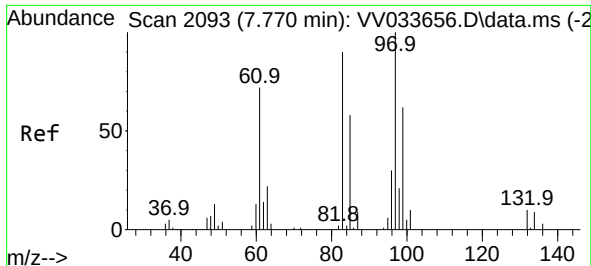
Tgt Ion: 75 Resp: 50116

Ion Ratio Lower Upper

75 100

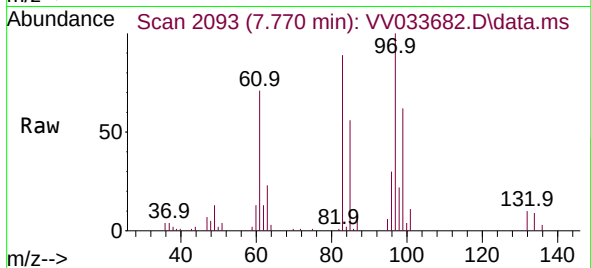
77 30.8 22.5 41.7



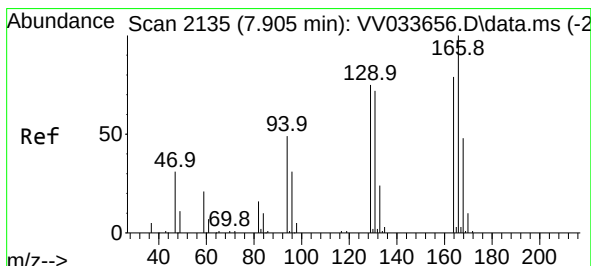
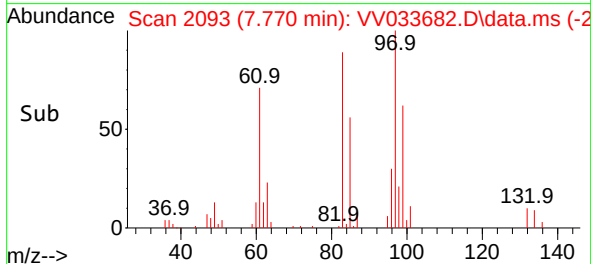
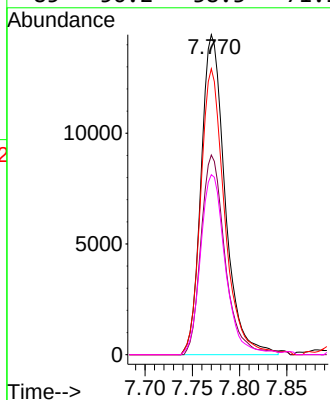


#45
1,1,2-Trichloroethane
Concen: 5.153 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV033682.D
Acq: 16 Jan 2024 19:44

Instrument :
MSVOA_V
ClientSampleId :

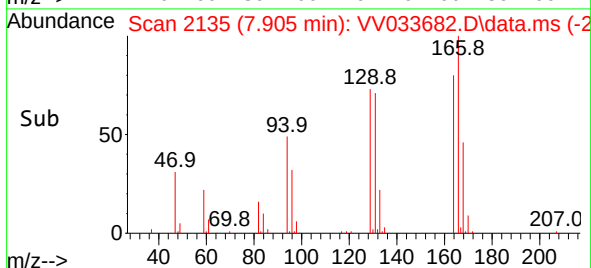
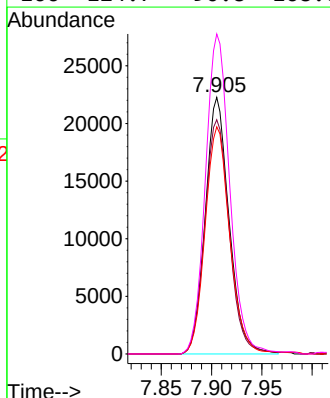
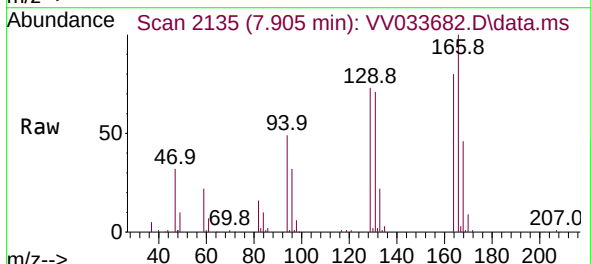


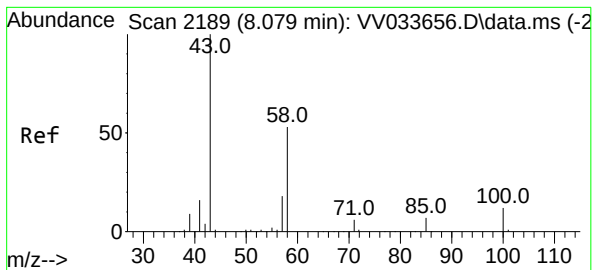
Tgt Ion:	97	Resp:	25546
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.9	83.3
83	89.4	60.5	112.3
85	56.2	38.3	71.1



#47
Tetrachloroethene
Concen: 5.348 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV033682.D
Acq: 16 Jan 2024 19:44

Tgt Ion:	164	Resp:	36754
Ion	Ratio	Lower	Upper
164	100		
129	91.3	67.1	124.7
131	88.5	65.0	120.6
166	124.7	90.8	168.6





#48

2-Hexanone

Concen: 48.851 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.000 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 146797

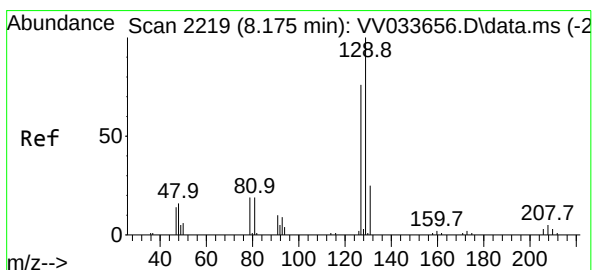
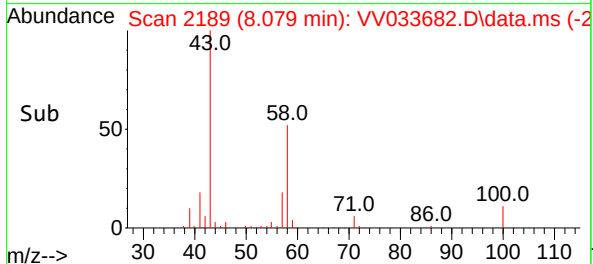
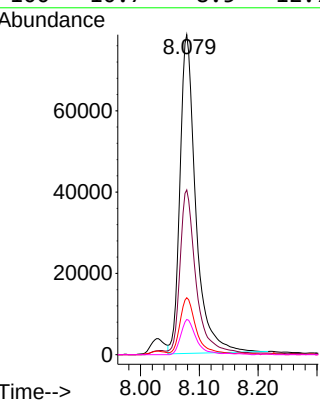
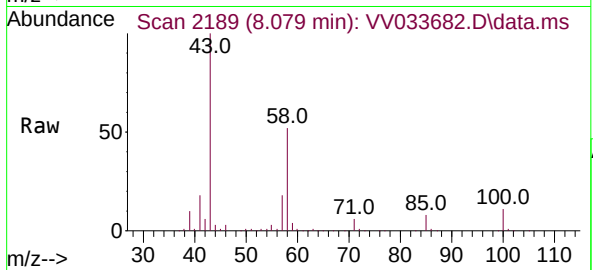
Ion Ratio Lower Upper

43 100

58 51.8 40.6 61.0

57 17.7 13.8 20.8

100 10.7 8.5 12.7



#49

Dibromochloromethane

Concen: 5.432 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. 0.003 min

Lab File: VV033682.D

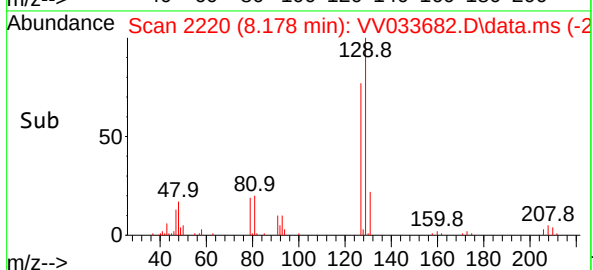
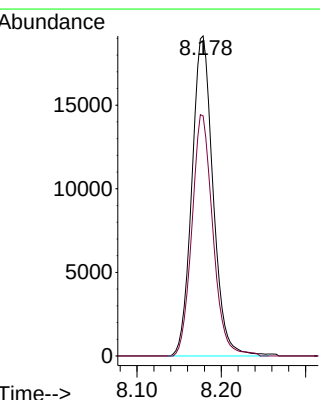
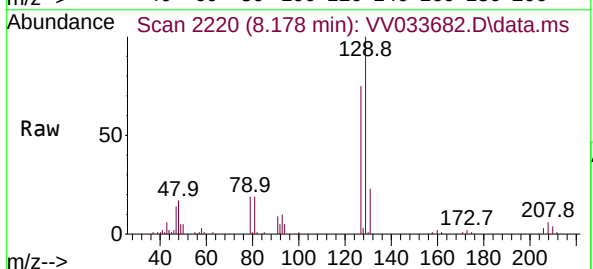
Acq: 16 Jan 2024 19:44

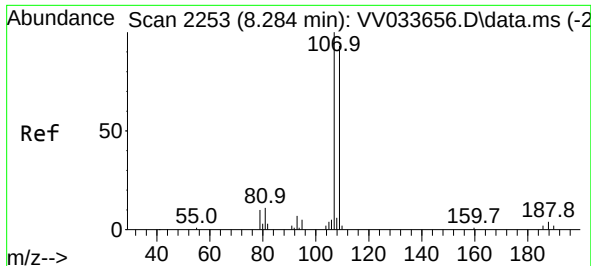
Tgt Ion: 129 Resp: 33533

Ion Ratio Lower Upper

129 100

127 75.1 53.6 99.6

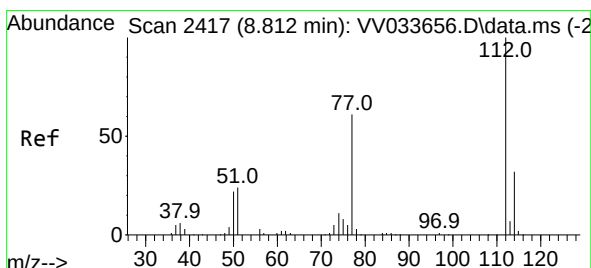
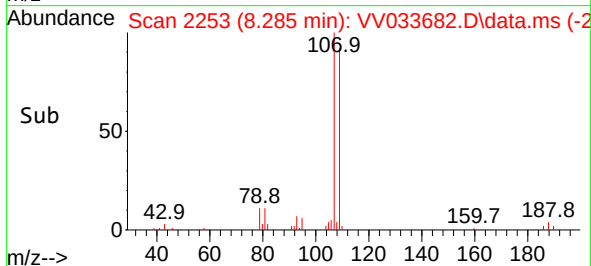
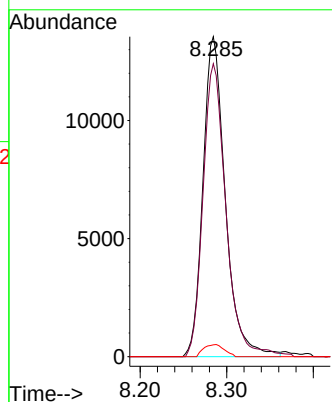
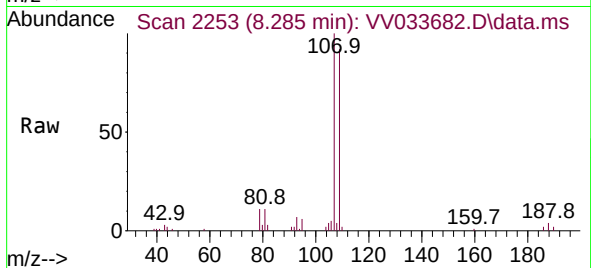




#50
1,2-Dibromoethane
Concen: 5.302 ug/L
RT: 8.285 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033682.D
Acq: 16 Jan 2024 19:44

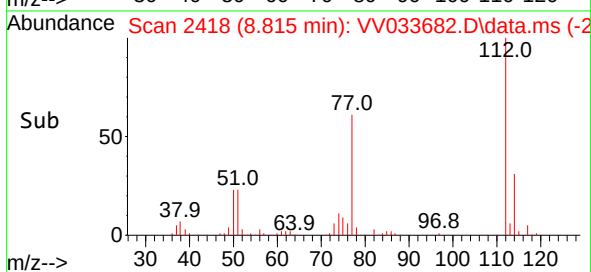
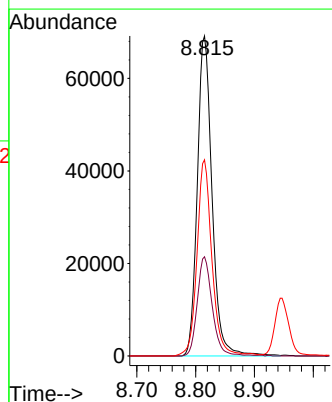
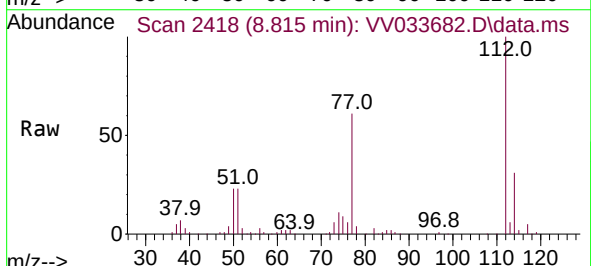
Instrument :
MSVOA_V
ClientSampleId :

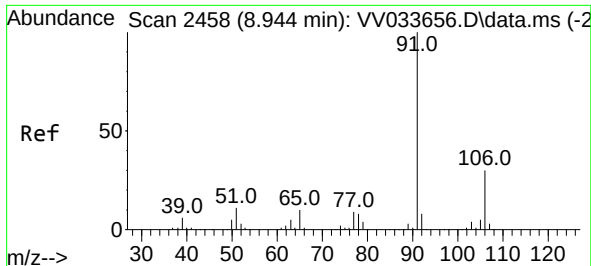
Tgt Ion:107 Resp: 24262
Ion Ratio Lower Upper
107 100
109 91.5 64.0 118.8
188 3.7 3.0 4.6



#51
Chlorobenzene
Concen: 5.190 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033682.D
Acq: 16 Jan 2024 19:44

Tgt Ion:112 Resp: 120818
Ion Ratio Lower Upper
112 100
114 31.0 22.9 42.5
77 61.3 50.8 76.2





#52

Ethylbenzene

Concen: 5.078 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

Instrument :

MSVOA_V

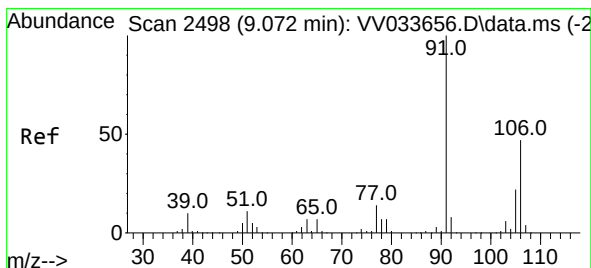
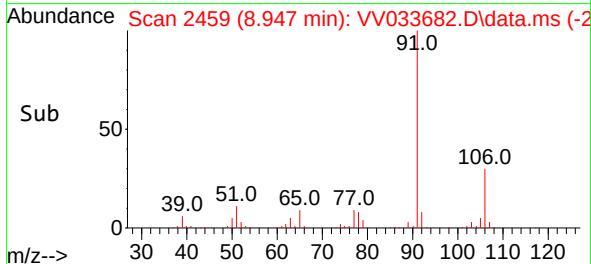
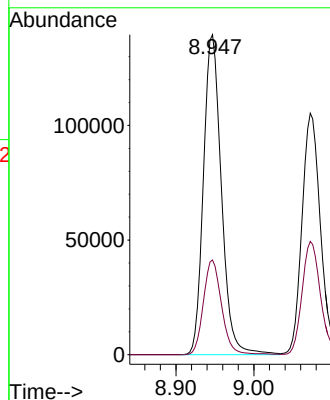
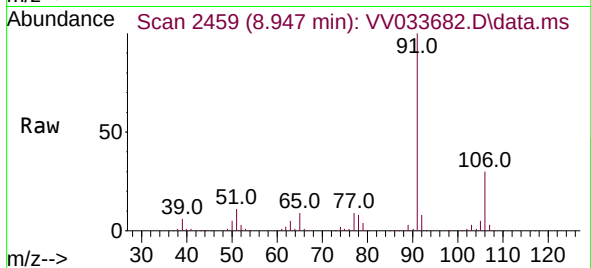
ClientSampleId :

Tgt Ion: 91 Resp: 223704

Ion Ratio Lower Upper

91 100

106 29.6 20.6 38.4



#53

m,p-Xylene

Concen: 5.000 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV033682.D

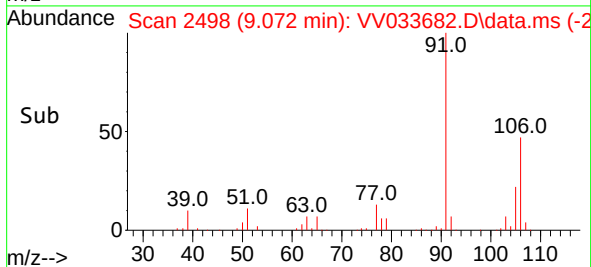
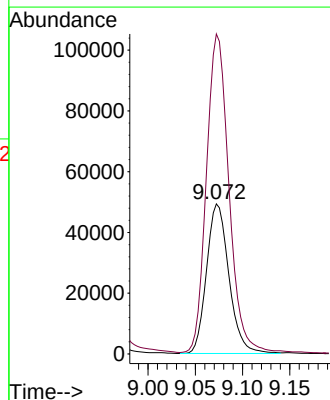
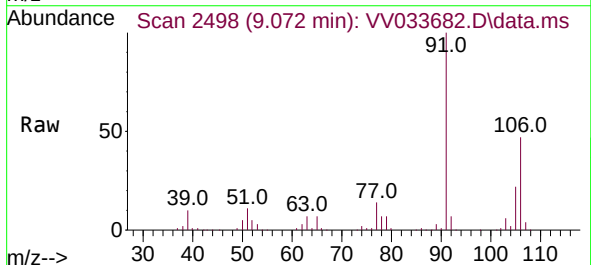
Acq: 16 Jan 2024 19:44

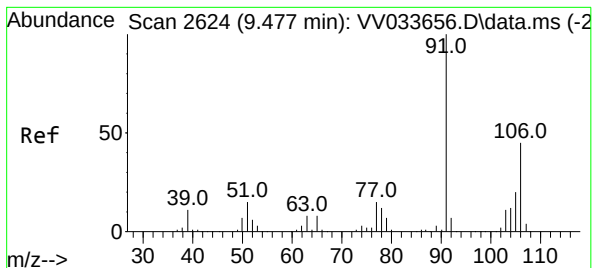
Tgt Ion:106 Resp: 81150

Ion Ratio Lower Upper

106 100

91 213.3 146.2 271.4





#54

o-Xylene

Concen: 5.152 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

Instrument :

MSVOA_V

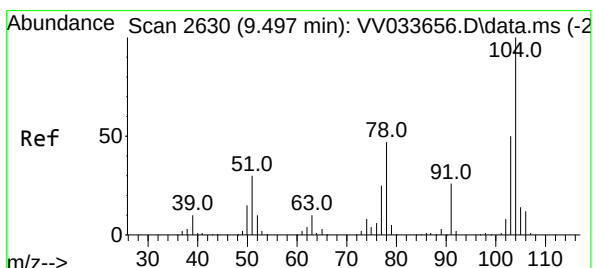
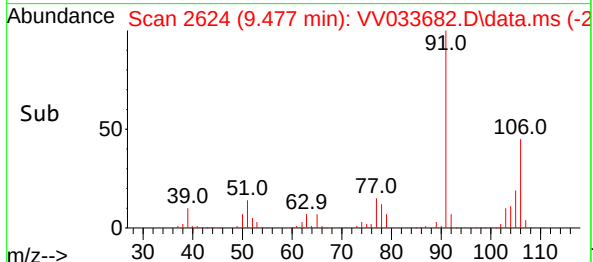
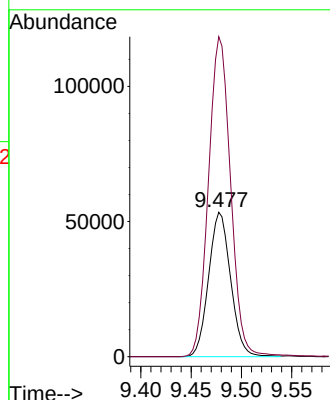
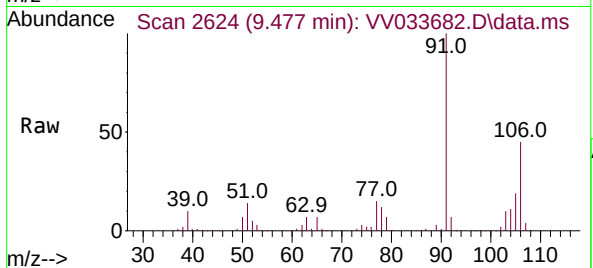
ClientSampleId :

Tgt Ion:106 Resp: 81363

Ion Ratio Lower Upper

106 100

91 221.4 156.0 289.6



#55

Styrene

Concen: 5.194 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.000 min

Lab File: VV033682.D

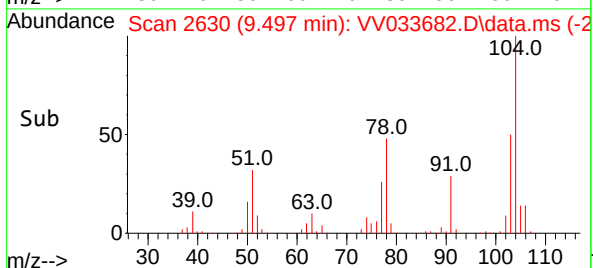
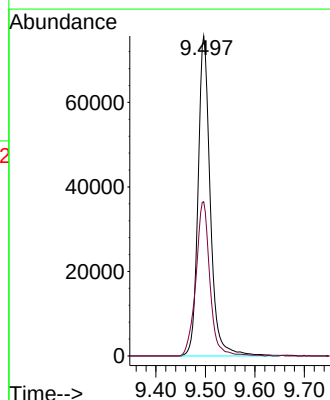
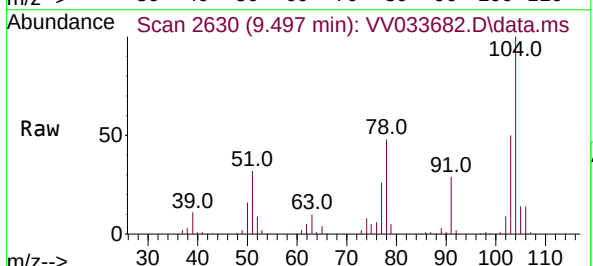
Acq: 16 Jan 2024 19:44

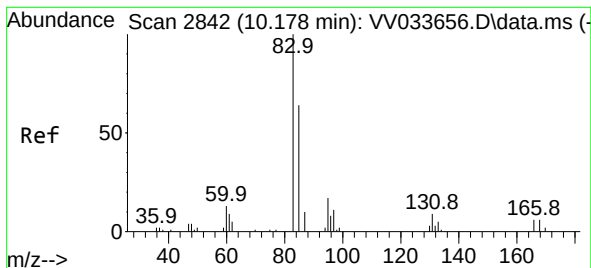
Tgt Ion:104 Resp: 130721

Ion Ratio Lower Upper

104 100

78 48.2 33.1 61.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.472 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.000 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

Instrument :

MSVOA_V

ClientSampleId :

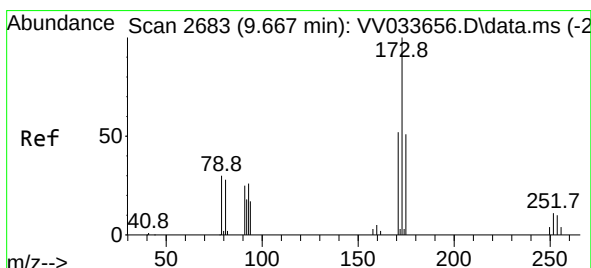
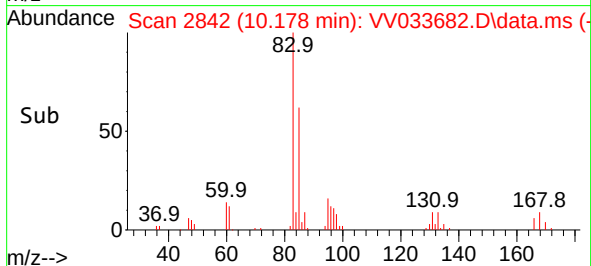
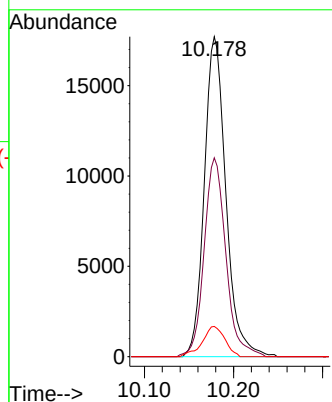
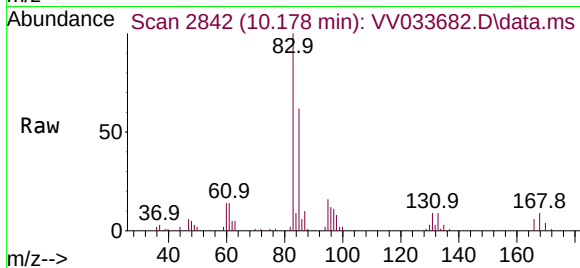
Tgt Ion: 83 Resp: 29772

Ion Ratio Lower Upper

83 100

85 62.1 43.5 80.7

131 9.4 7.4 11.0



#59

Bromoform

Concen: 5.184 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.000 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

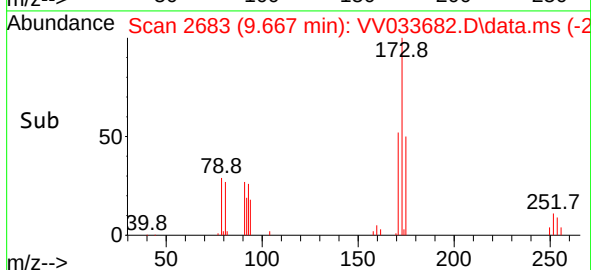
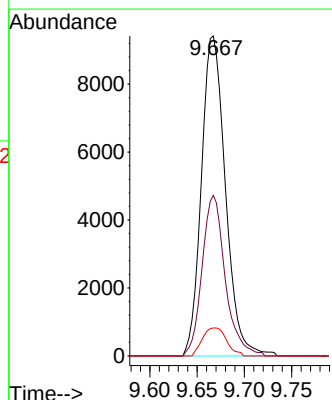
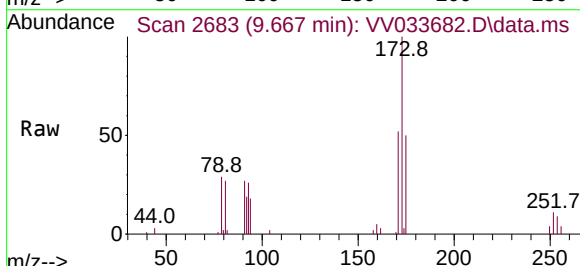
Tgt Ion: 173 Resp: 16650

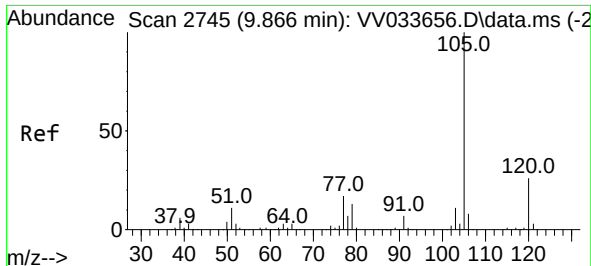
Ion Ratio Lower Upper

173 100

175 48.2 38.8 58.2

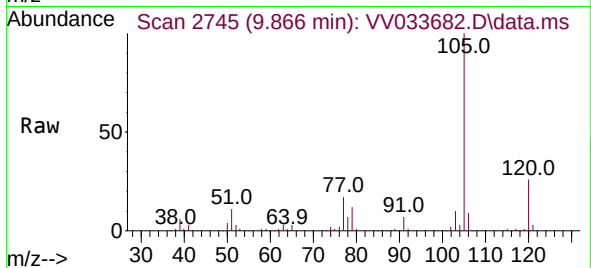
254 8.8 7.5 11.3



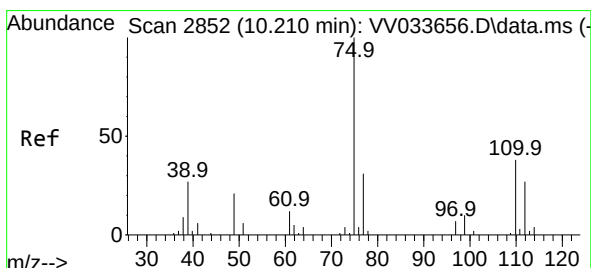
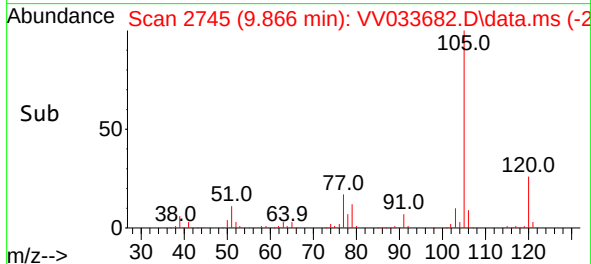
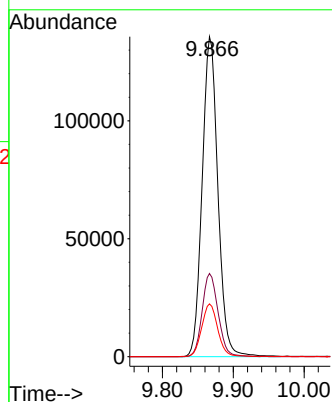


#60
Isopropylbenzene
Concen: 4.966 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033682.D
Acq: 16 Jan 2024 19:44

Instrument :
MSVOA_V
ClientSampleId :

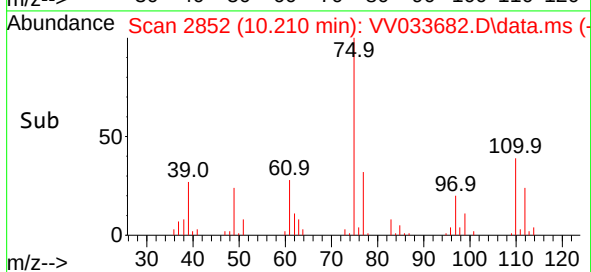
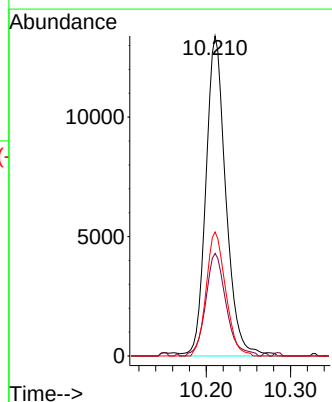
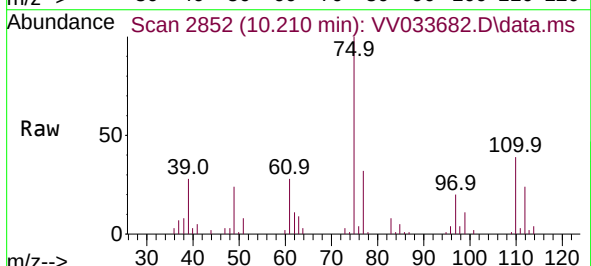


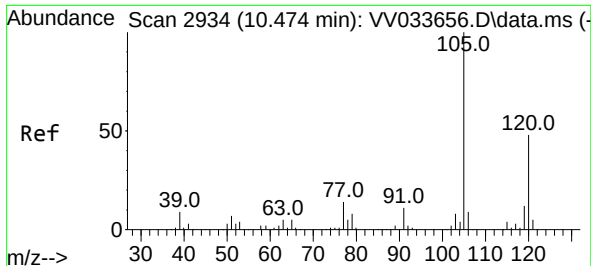
Tgt Ion:105 Resp: 209072
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 17.0 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.178 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV033682.D
Acq: 16 Jan 2024 19:44

Tgt Ion: 75 Resp: 22086
Ion Ratio Lower Upper
75 100
77 32.8 24.7 37.1
110 37.7 28.0 42.0





#62

1,3,5-Trimethylbenzene

Concen: 5.008 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

Instrument :

MSVOA_V

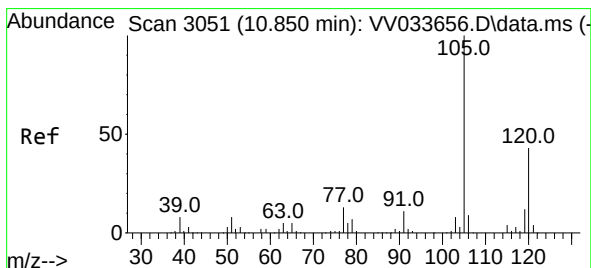
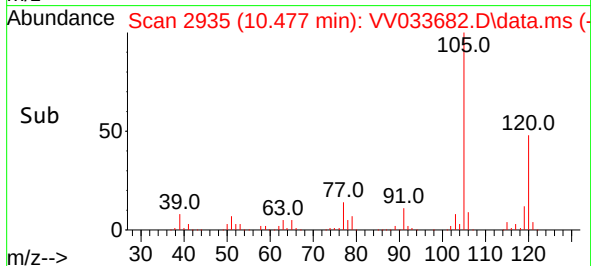
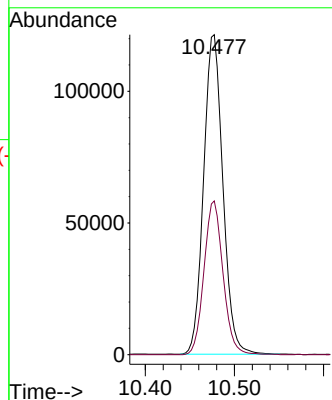
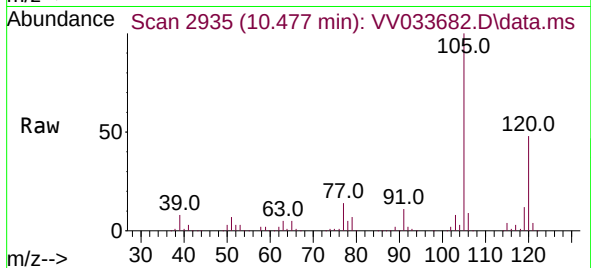
ClientSampleId :

Tgt Ion:105 Resp: 182168

Ion Ratio Lower Upper

105 100

120 47.5 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.073 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV033682.D

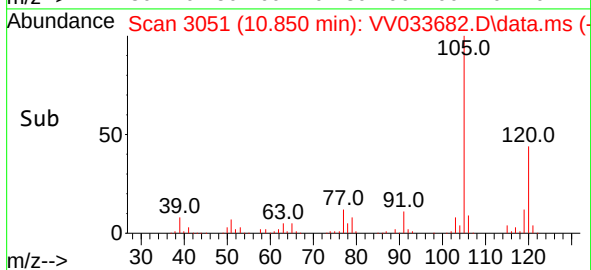
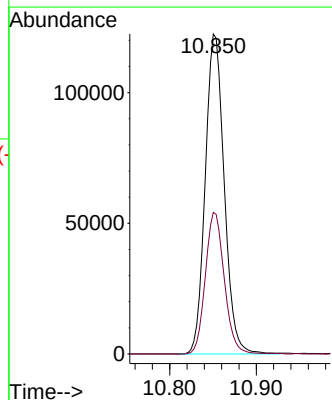
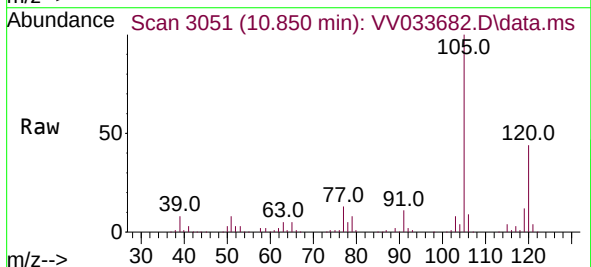
Acq: 16 Jan 2024 19:44

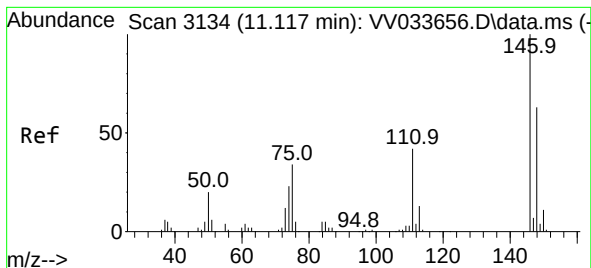
Tgt Ion:105 Resp: 186290

Ion Ratio Lower Upper

105 100

120 44.3 35.5 53.3





#64

1,3-Dichlorobenzene

Concen: 5.107 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

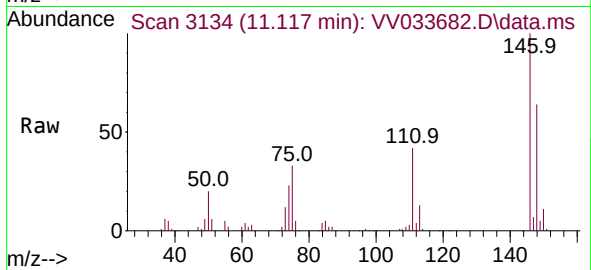
Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

Instrument :

MSVOA_V

ClientSampleId :



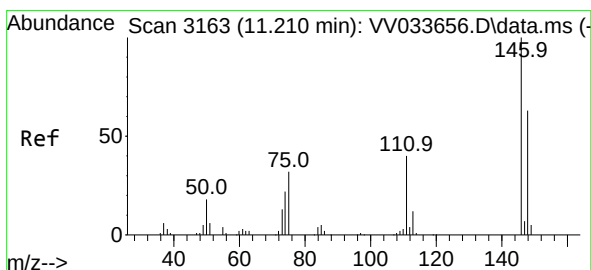
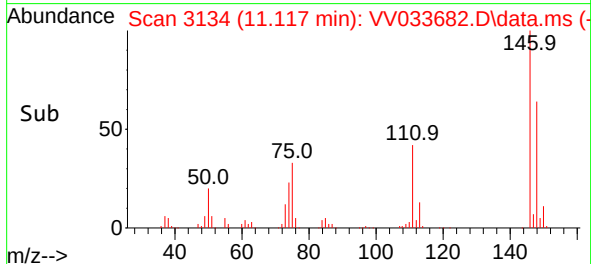
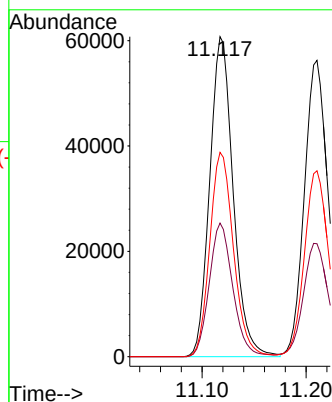
Tgt Ion:146 Resp: 95096

Ion Ratio Lower Upper

146 100

111 41.8 29.2 54.2

148 63.9 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 5.011 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

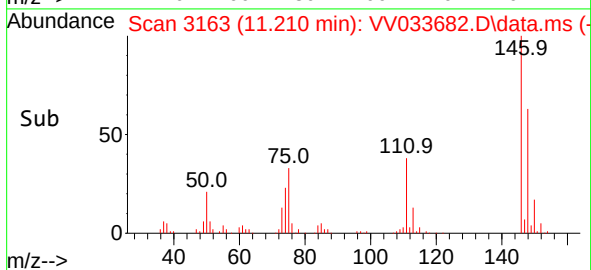
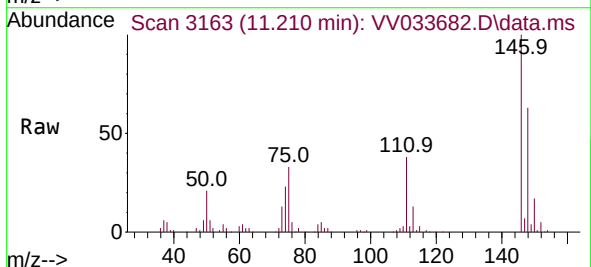
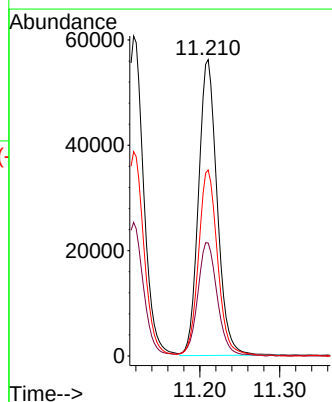
Tgt Ion:146 Resp: 91360

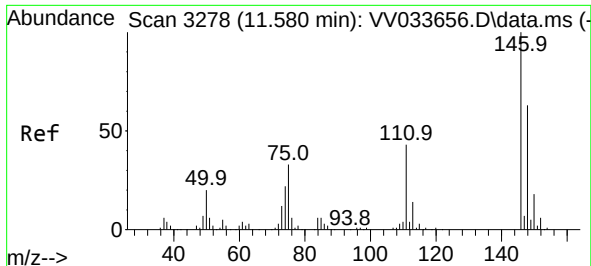
Ion Ratio Lower Upper

146 100

111 38.1 27.5 51.1

148 62.8 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 5.061 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

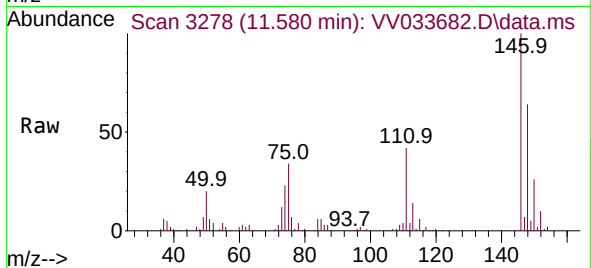
Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

Instrument :

MSVOA_V

ClientSampleId :



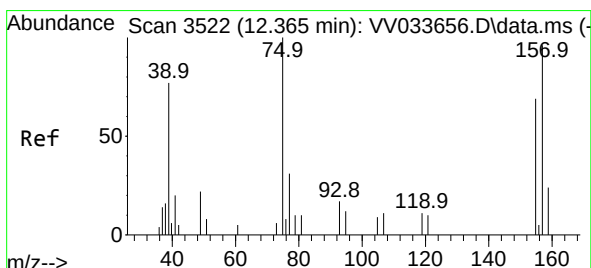
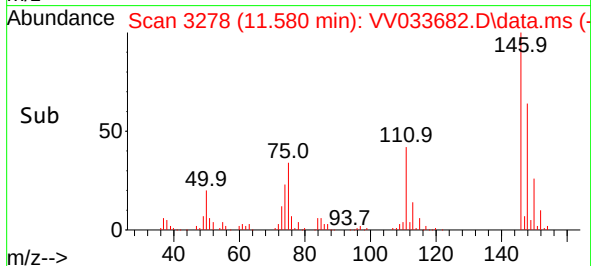
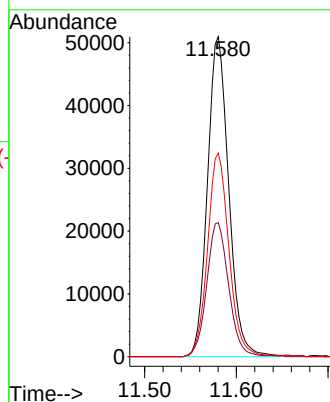
Tgt Ion:146 Resp: 81891

Ion Ratio Lower Upper

146 100

111 41.9 36.1 54.1

148 63.7 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.063 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.003 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

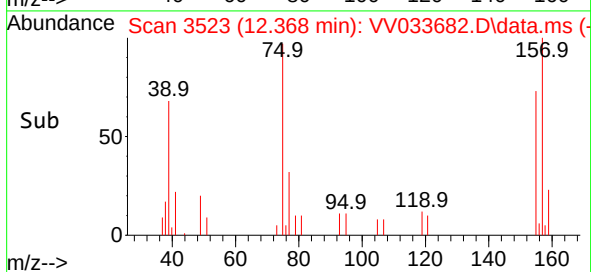
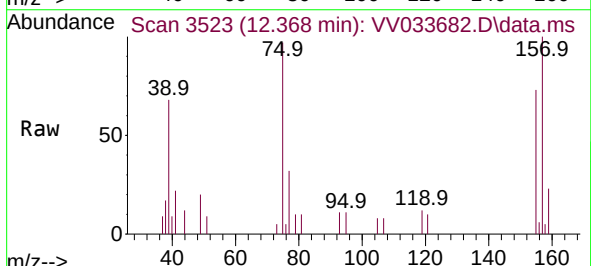
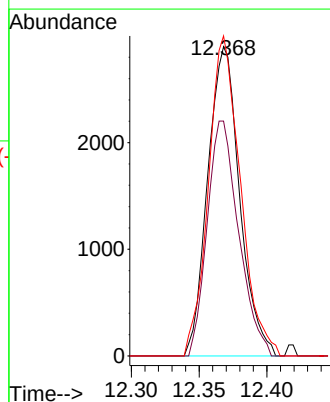
Tgt Ion: 75 Resp: 4746

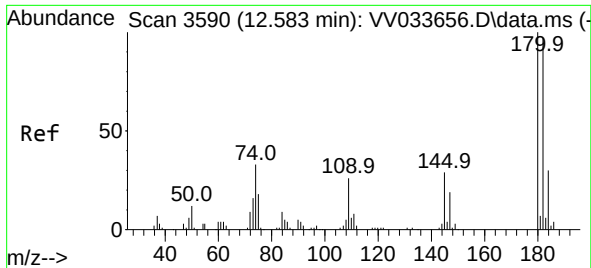
Ion Ratio Lower Upper

75 100

155 75.9 65.3 97.9

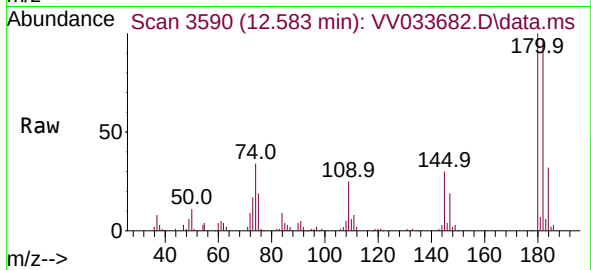
157 103.4 75.4 113.0



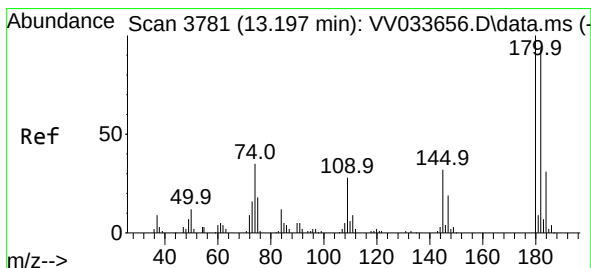
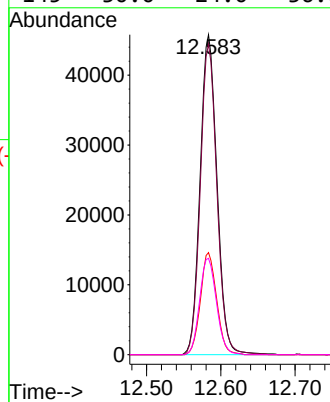
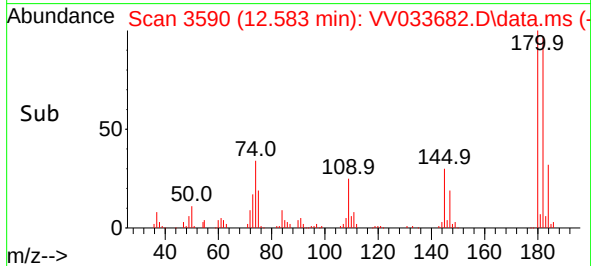


#69
 1,3,5-Trichlorobenzene
 Concen: 5.016 ug/L
 RT: 12.583 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV033682.D
 Acq: 16 Jan 2024 19:44

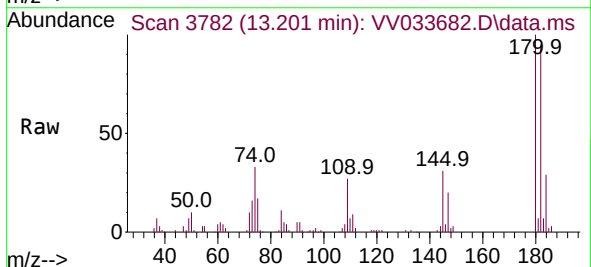
Instrument :
 MSVOA_V
 ClientSampleId :



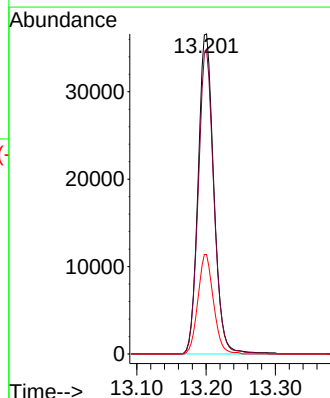
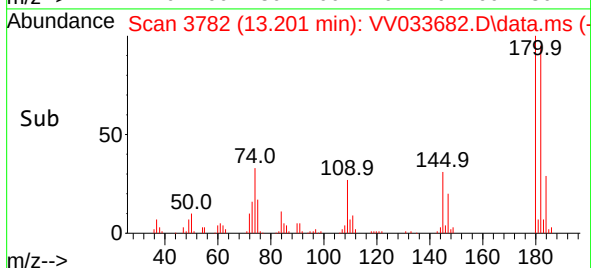
Tgt Ion:180 Resp: 72500
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.4 114.6
 184 30.6 24.2 36.2
 145 30.0 24.0 36.0

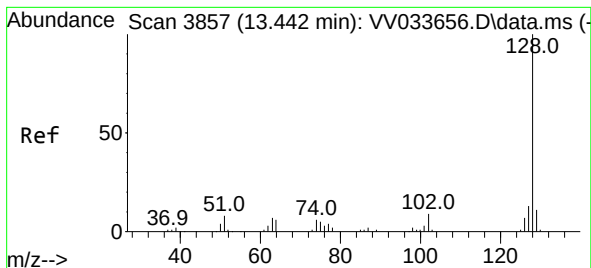


#70
 1,2,4-trichlorobenzene
 Concen: 4.794 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.003 min
 Lab File: VV033682.D
 Acq: 16 Jan 2024 19:44



Tgt Ion:180 Resp: 57741
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.0 112.6
 145 30.7 24.8 37.2





#71

Naphthalene

Concen: 3.356 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

Instrument :

MSVOA_V

ClientSampleId :

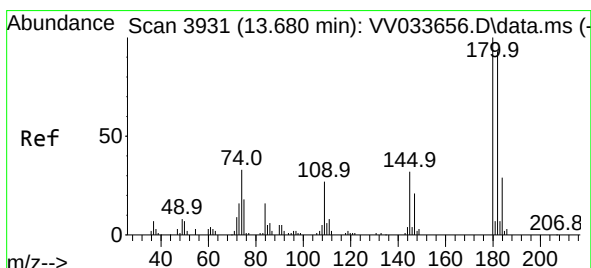
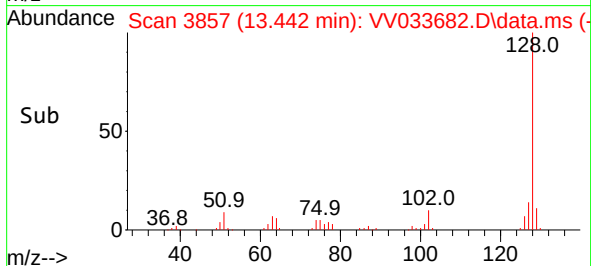
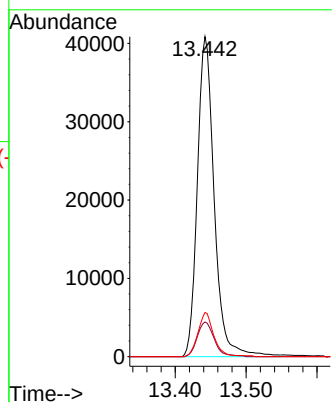
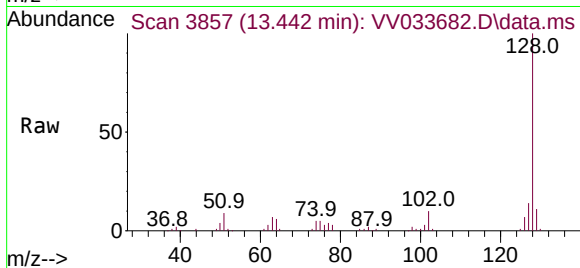
Tgt Ion:128 Resp: 67451

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.1 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.649 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV033682.D

Acq: 16 Jan 2024 19:44

Tgt Ion:180 Resp: 44900

Ion Ratio Lower Upper

180 100

182 93.9 75.0 112.6

145 32.3 26.6 40.0

