

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062524\
 Data File : VW036282.D
 Acq On : 25 Jun 2024 19:51
 Operator : SY/MD
 Sample : P3010-03MSD
 Misc : 4.97g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 26 04:25:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 26 04:03:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	714670	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	605971	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	227099	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	208352	15.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.440%
7) Chloroethane-d5	1.526	69	187854	17.931	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.720%
11) 1,1-Dichloroethene-d2	2.050	65	87972	15.040	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.160%
21) 2-Butanone-d5	3.854	46	46204	15.327	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	30.660%
24) Chloroform-d	4.243	84	446082	19.633	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.520%
26) 1,2-Dichloroethane-d4	4.937	65	249176	20.917	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.680%
32) Benzene-d6	4.953	84	863641	23.977	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.920%
36) 1,2-Dichloropropane-d6	5.985	67	266913	23.531	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.120%
41) Toluene-d8	7.239	98	749092	23.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.280%
43) trans-1,3-Dichloroprop...	7.551	79	78423	16.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.440%
47) 2-Hexanone-d5	8.034	63	35688	23.222	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.440%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	197987	23.358	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.440%
66) 1,2-Dichlorobenzene-d4	11.558	152	186428	22.386	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	111830	8.678	ug/L	98
3) Chloromethane	1.211	50	124761	8.436	ug/L	96
5) Vinyl chloride	1.275	62	137291	8.818	ug/L	98
6) Bromomethane	1.481	94	84288	8.727	ug/L	97
8) Chloroethane	1.542	64	93485	9.660	ug/L	96
9) Trichlorofluoromethane	1.706	101	203185	10.509	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	116298	9.478	ug/L	94
12) 1,1-Dichloroethene	2.060	96	110938	9.694	ug/L #	74
13) Acetone	2.159	43	40227	8.566	ug/L	98
14) Carbon disulfide	2.230	76	253274	6.373	ug/L	100
15) Methyl Acetate	2.388	43	34174	5.855	ug/L	90
16) Methylene chloride	2.439	84	179890	11.124	ug/L	91
17) trans-1,2-Dichloroethene	2.687	96	109548	9.011	ug/L	92
18) Methyl tert-butyl Ether	2.703	73	353565	12.955	ug/L	97
19) 1,1-Dichloroethane	3.105	63	243776	10.530	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	127725	10.456	ug/L	94
22) 2-Butanone	3.918	43	69922	17.548	ug/L #	74
23) Bromochloromethane	4.143	128	70946	11.578	ug/L	87
25) Chloroform	4.268	83	280267	11.768	ug/L	98

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 Response via : Initial Calibration

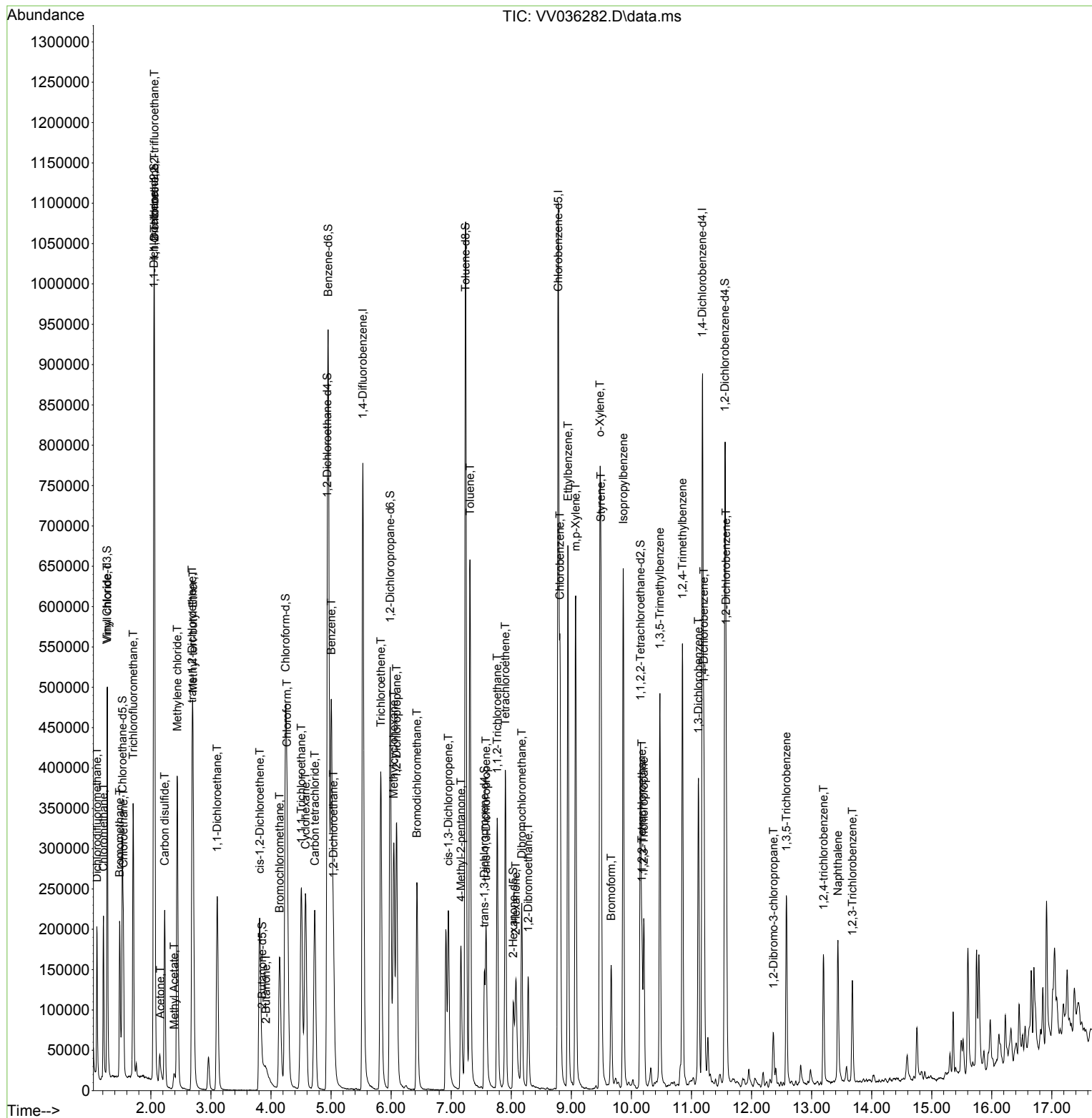
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	166010	11.165	ug/L	99
29) Cyclohexane	4.574	56	127283	8.822	ug/L	92
30) 1,1,1-Trichloroethane	4.506	97	217544	13.132	ug/L	98
31) Carbon tetrachloride	4.728	117	176825	12.167	ug/L	99
33) Benzene	5.005	78	521589	13.161	ug/L	100
34) Trichloroethene	5.828	95	137400	11.312	ug/L	96
35) Methylcyclohexane	6.043	83	132344	7.879	ug/L	95
37) 1,2-Dichloropropane	6.092	63	134383	12.913	ug/L	98
38) Bromodichloromethane	6.429	83	183482	13.321	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	154467	9.924	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	117134	20.717	ug/L #	92
42) Toluene	7.313	91	509657	12.585	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	131896	9.811	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	110019	12.777	ug/L	98
46) Tetrachloroethene	7.902	164	91789	10.332	ug/L	99
48) 2-Hexanone	8.079	43	114197	25.835	ug/L #	83
49) Dibromochloromethane	8.175	129	122842	13.035	ug/L	100
50) 1,2-Dibromoethane	8.281	107	97769	11.833	ug/L	98
51) Chlorobenzene	8.812	112	302309	10.956	ug/L	96
52) Ethylbenzene	8.944	91	462869	10.683	ug/L	100
53) m,p-Xylene	9.072	106	177000	10.872	ug/L	97
54) o-Xylene	9.477	106	173929	11.329	ug/L	96
55) Styrene	9.493	104	265129	9.793	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	81466	10.566	ug/L	98
59) Bromoform	9.664	173	69962	16.336	ug/L	100
60) Isopropylbenzene	9.866	105	408808	14.031	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	85534	15.925	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	256542	12.143	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	291965	12.826	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	160876	10.514	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	159933	10.127	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	151963	10.554	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	16636	13.851	ug/L	91
69) 1,3,5-Trichlorobenzene	12.580	180	74517	6.511	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	49685	5.513	ug/L	97
71) Naphthalene	13.439	128	144001	9.792	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	40269	4.897	ug/L	97

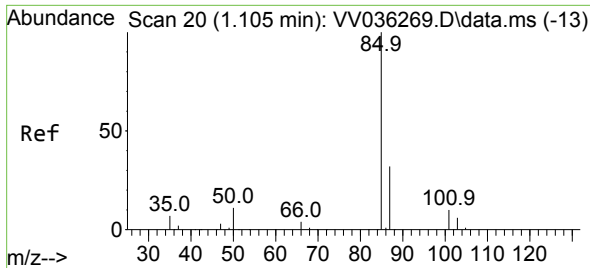
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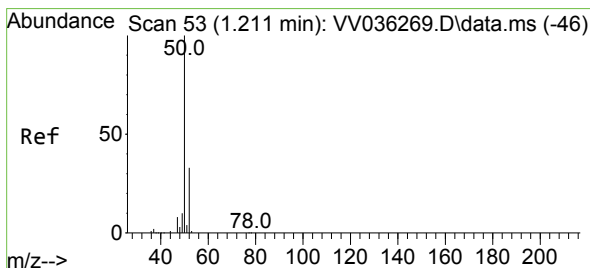
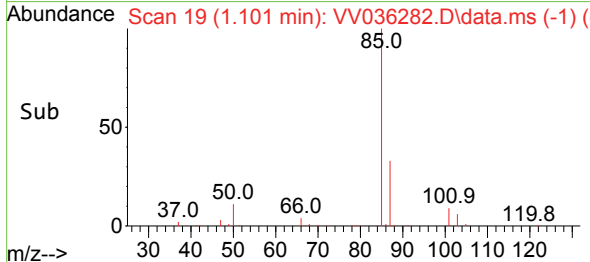
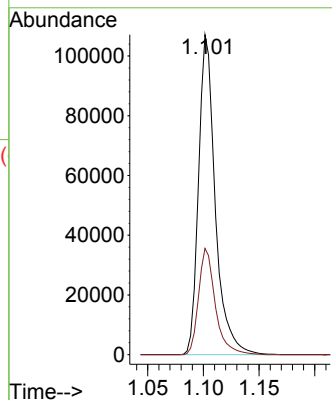
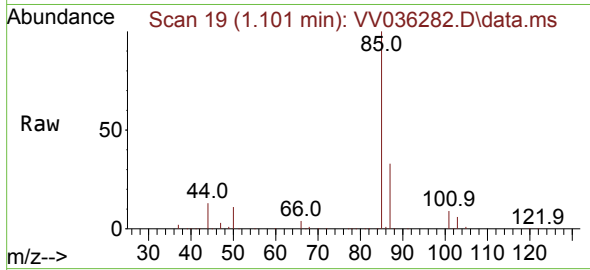




#2
 Dichlorodifluoromethane
 Concen: 8.678 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. -0.003 min
 Lab File: VV036282.D
 Acq: 25 Jun 2024 19:51

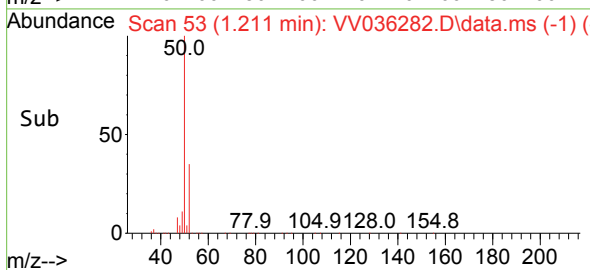
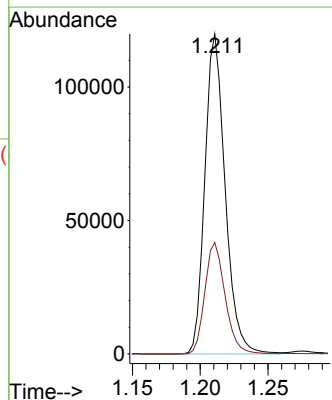
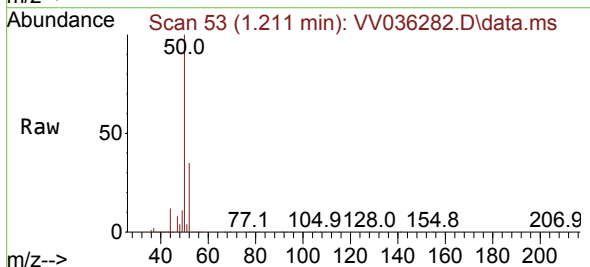
Instrument :
 MSVOA_V
 ClientSampleId :

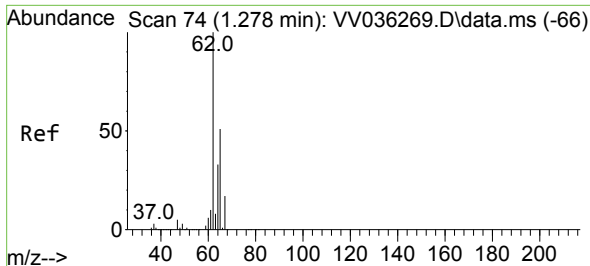
Tgt Ion: 85 Resp: 111830
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.9 38.9



#3
 Chloromethane
 Concen: 8.436 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV036282.D
 Acq: 25 Jun 2024 19:51

Tgt Ion: 50 Resp: 124761
 Ion Ratio Lower Upper
 50 100
 52 34.8 22.8 42.4



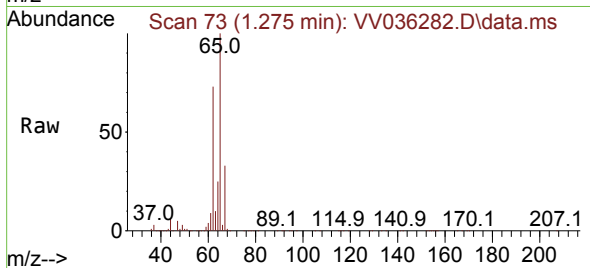


#5
 Vinyl chloride
 Concen: 8.818 ug/L
 RT: 1.275 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV036282.D
 Acq: 25 Jun 2024 19:51

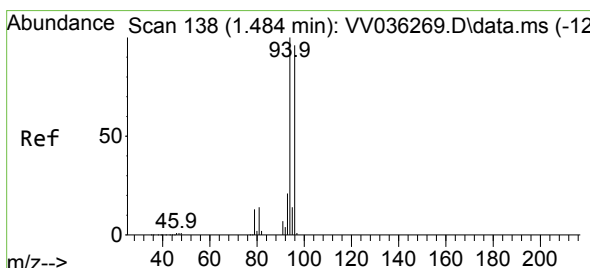
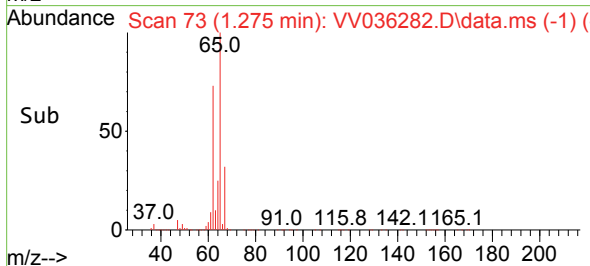
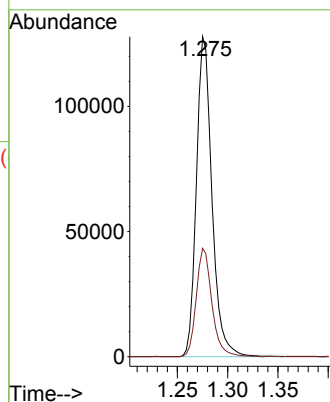
Instrument :

MSVOA_V

ClientSampleId :

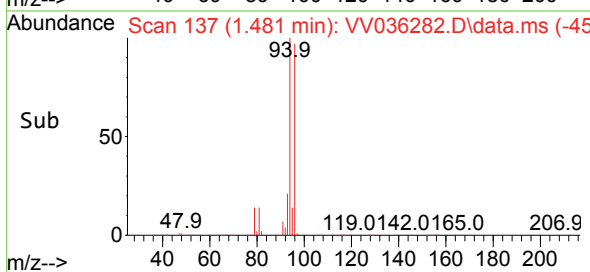
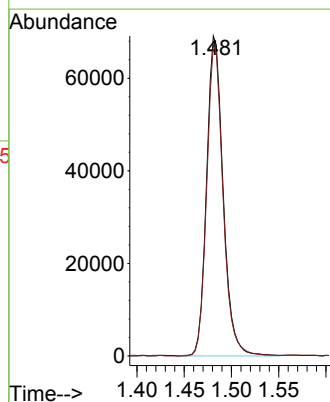
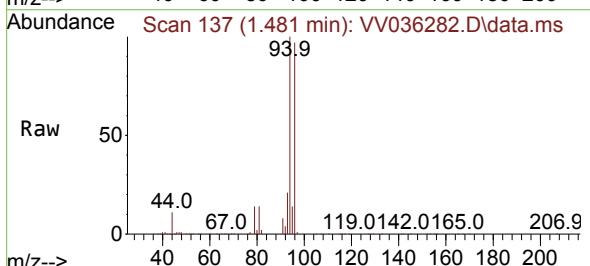


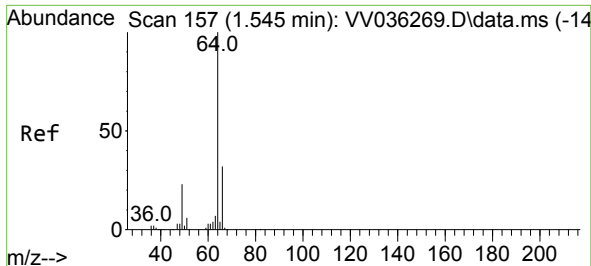
Tgt Ion: 62 Resp: 137291
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.9 42.5



#6
 Bromomethane
 Concen: 8.727 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV036282.D
 Acq: 25 Jun 2024 19:51

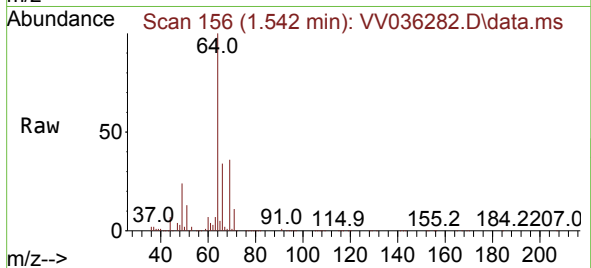
Tgt Ion: 94 Resp: 84288
 Ion Ratio Lower Upper
 94 100
 96 97.3 65.7 122.1



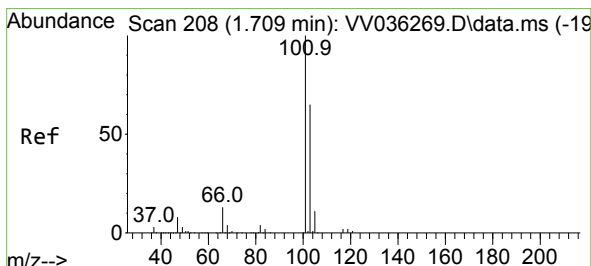
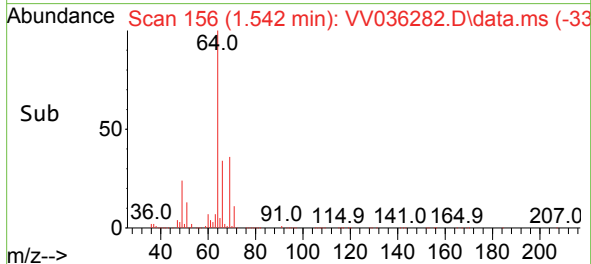
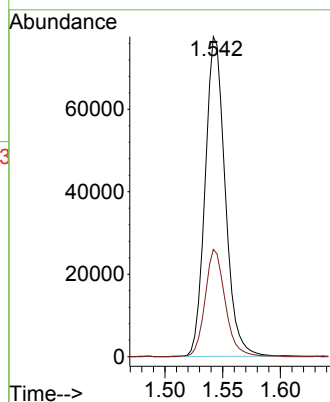


#8
Chloroethane
Concen: 9.660 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

Instrument :
MSVOA_V
ClientSampleId :

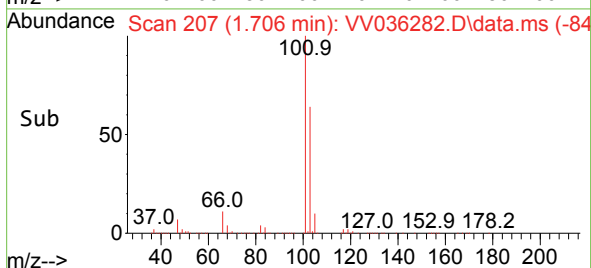
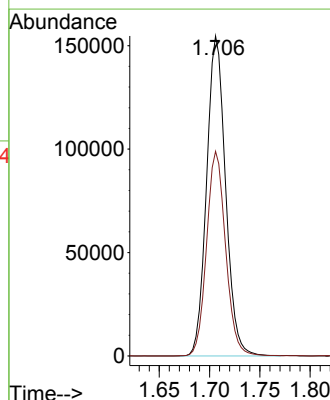
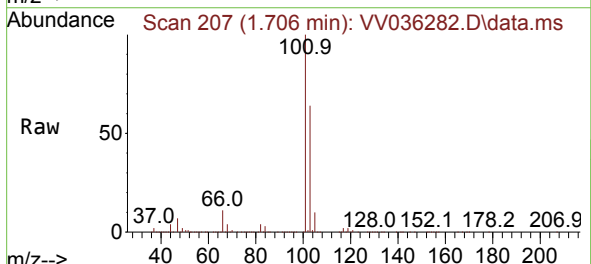


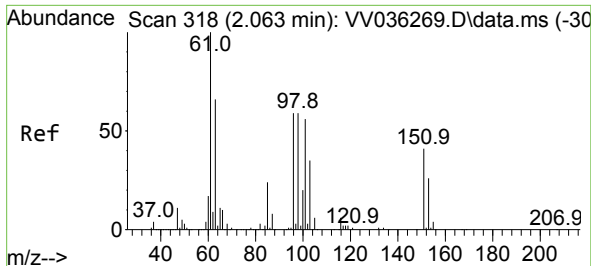
Tgt Ion: 64 Resp: 93485
Ion Ratio Lower Upper
64 100
66 33.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 10.509 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

Tgt Ion: 101 Resp: 203185
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8





#10

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

Concen: 9.478 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

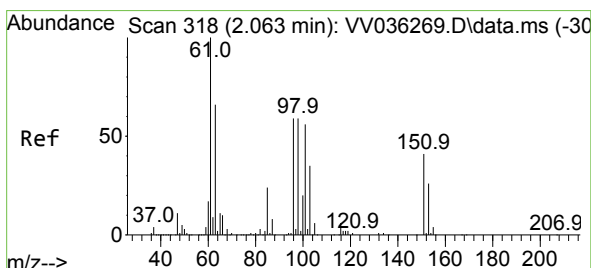
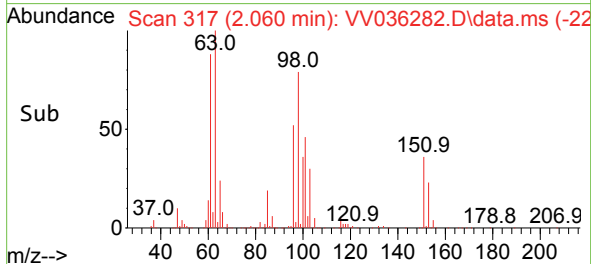
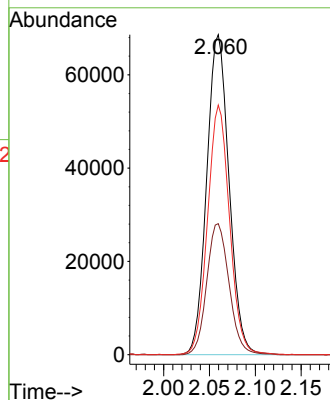
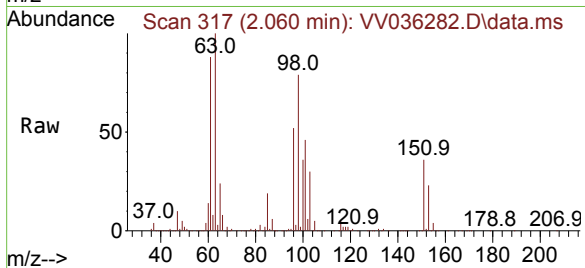
Tgt Ion:101 Resp: 116298

Ion Ratio Lower Upper

101 100

85 40.9 34.5 51.7

151 76.8 56.3 84.5



#12

1,1-Dichloroethene

Concen: 9.694 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

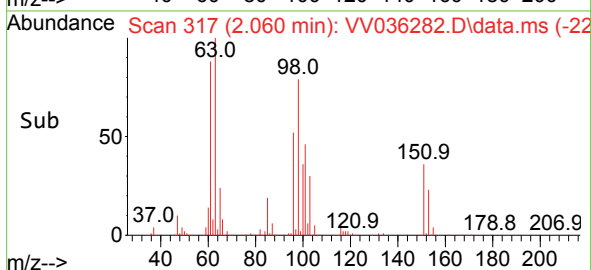
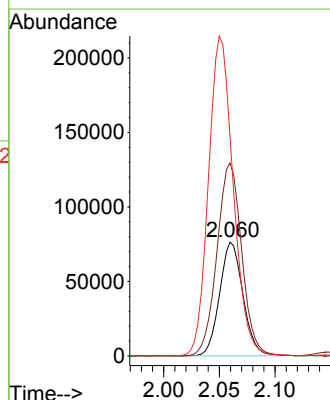
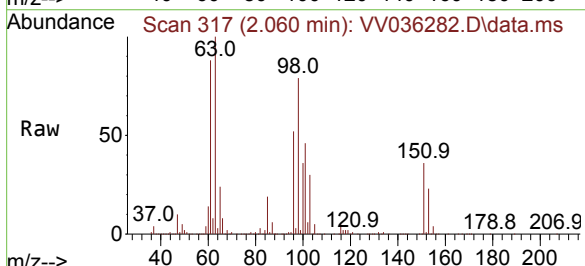
Tgt Ion: 96 Resp: 110938

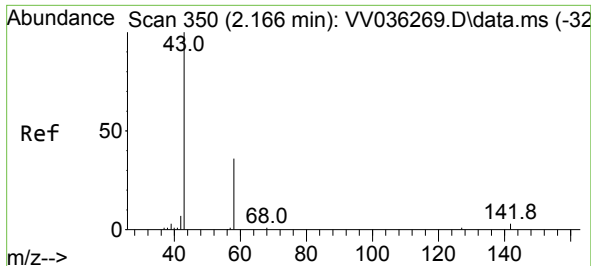
Ion Ratio Lower Upper

96 100

61 169.7 127.3 236.3

63 193.5 93.7 173.9#





#13

Acetone

Concen: 8.566 ug/L

RT: 2.159 min Scan# 34

Delta R.T. -0.006 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

Instrument :

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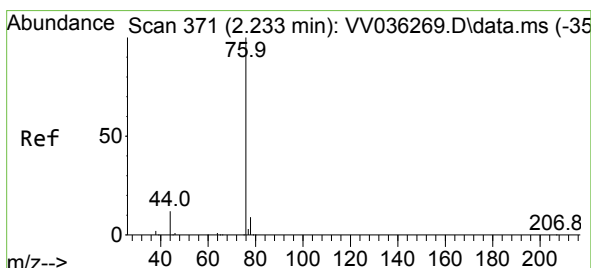
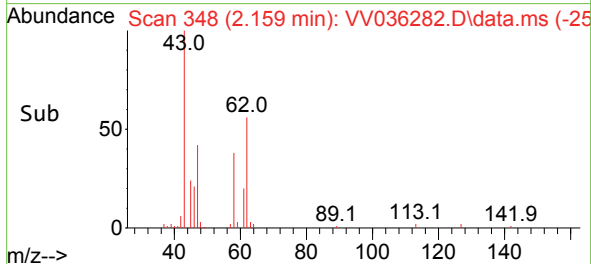
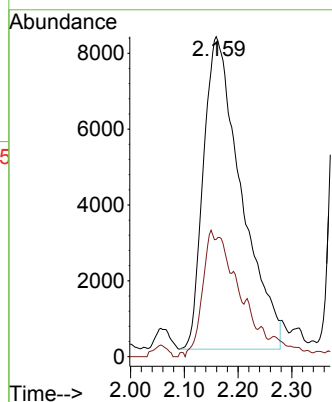
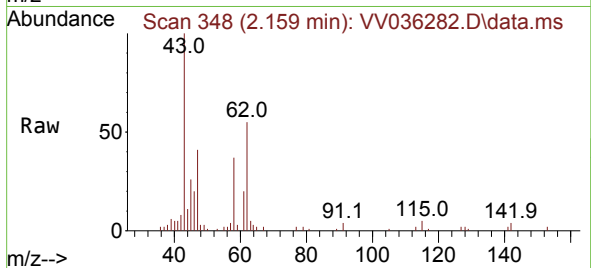
ClientSampleId :

Tgt Ion: 43 Resp: 40227

Ion Ratio Lower Upper

43 100

58 13.0 0.0 24.2



#14

Carbon disulfide

Concen: 6.373 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.003 min

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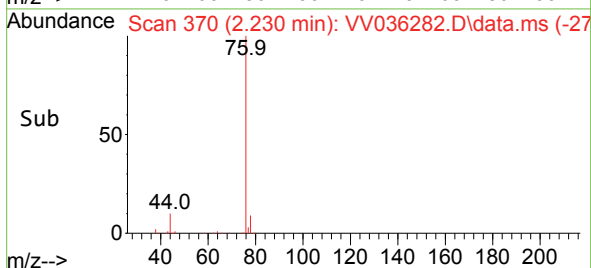
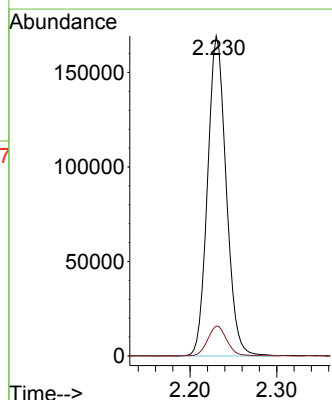
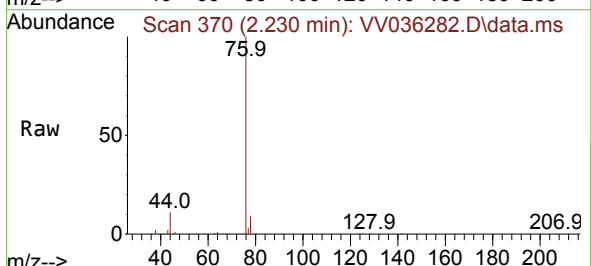
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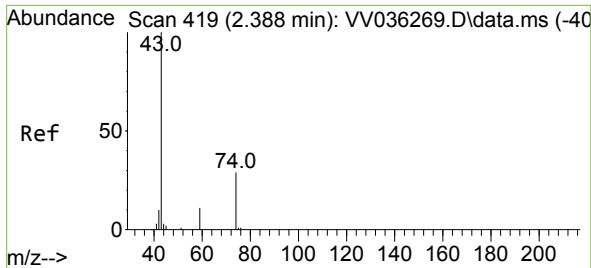
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Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

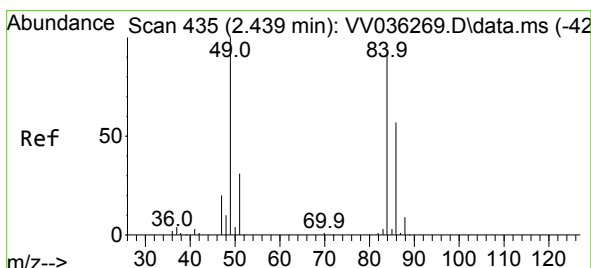
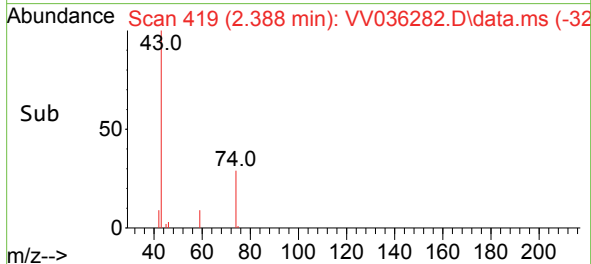
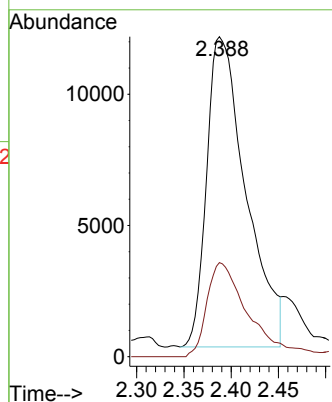
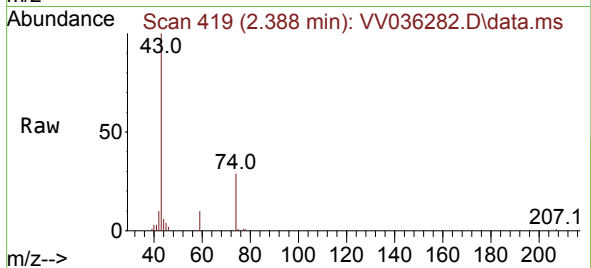




#15
Methyl Acetate
Concen: 5.855 ug/L
RT: 2.388 min Scan# 419
Delta R.T. -0.000 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

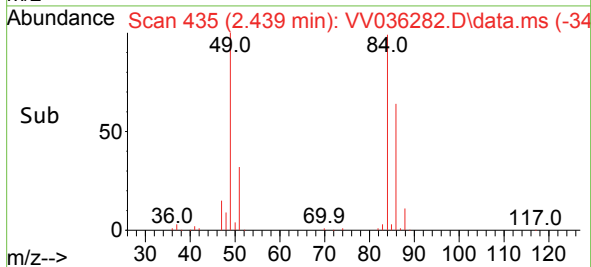
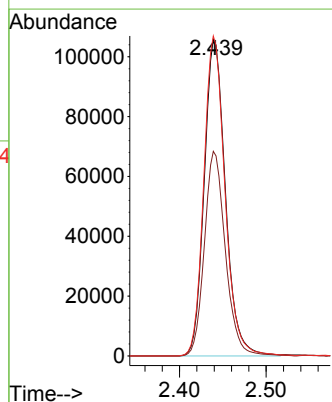
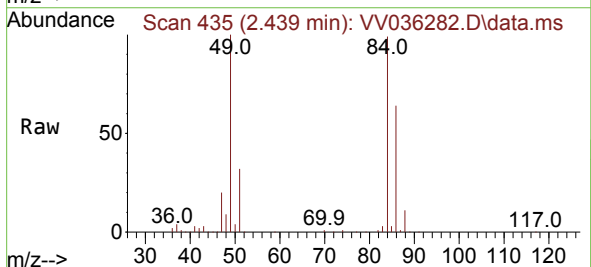
Instrument :
MSVOA_V
ClientSampleId :

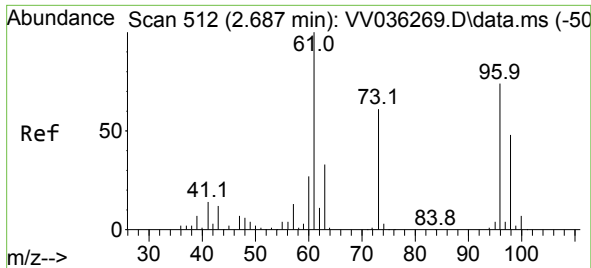
Tgt Ion: 43 Resp: 34174
Ion Ratio Lower Upper
43 100
74 32.0 21.4 32.2



#16
Methylene chloride
Concen: 11.124 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

Tgt Ion: 84 Resp: 179890
Ion Ratio Lower Upper
84 100
86 64.6 44.6 82.8
49 100.9 81.1 150.5

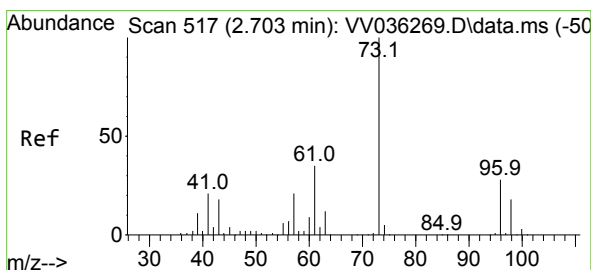
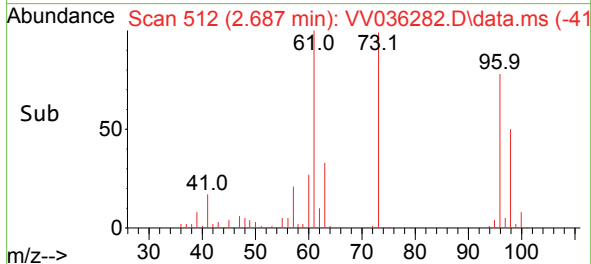
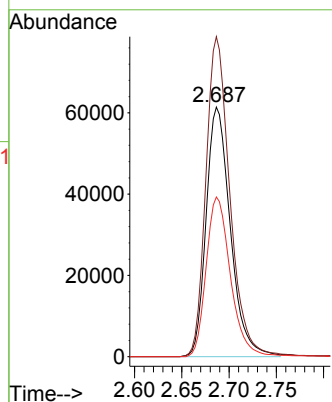
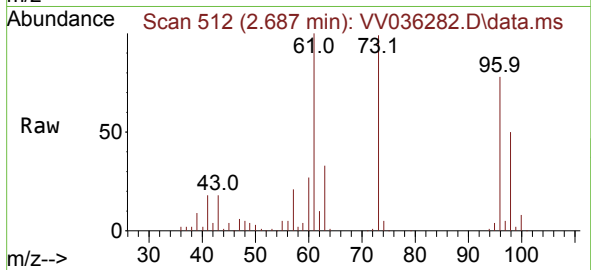




#17
trans-1,2-Dichloroethene
Concen: 9.011 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

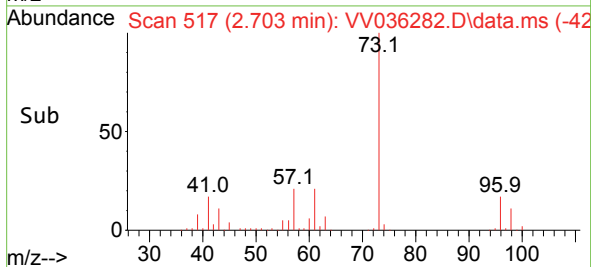
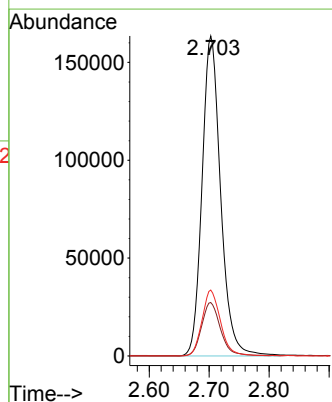
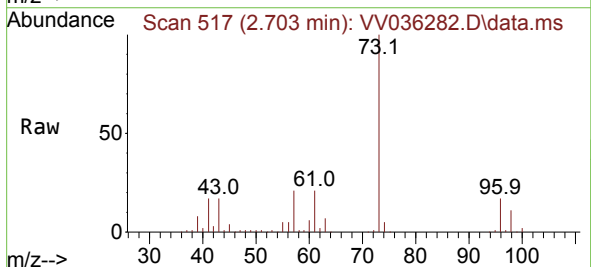
Instrument :
MSVOA_V
ClientSampleId :

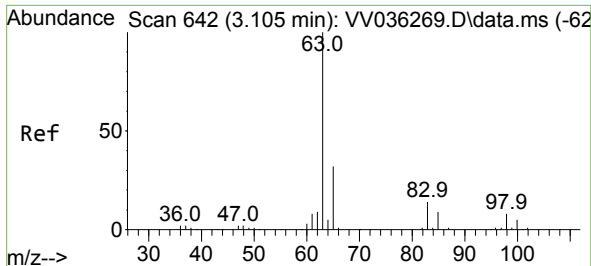
Tgt Ion: 96 Resp: 109548
Ion Ratio Lower Upper
96 100
61 128.2 99.4 184.6
98 64.0 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 12.955 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

Tgt Ion: 73 Resp: 353565
Ion Ratio Lower Upper
73 100
43 16.8 14.3 21.5
57 20.5 17.8 26.6





#19

1,1-Dichloroethane

Concen: 10.530 ug/L

RT: 3.105 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

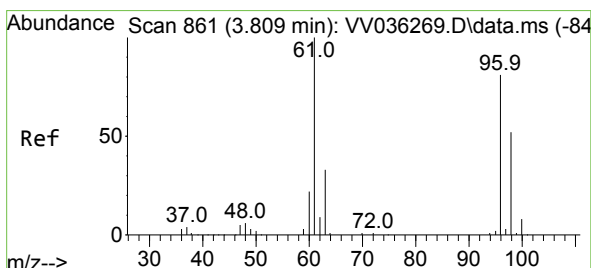
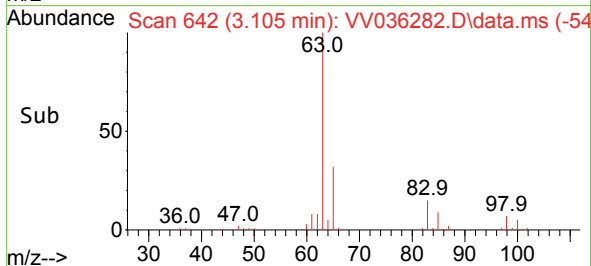
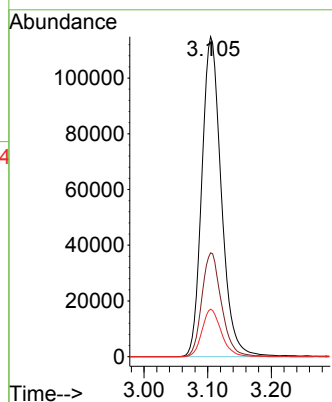
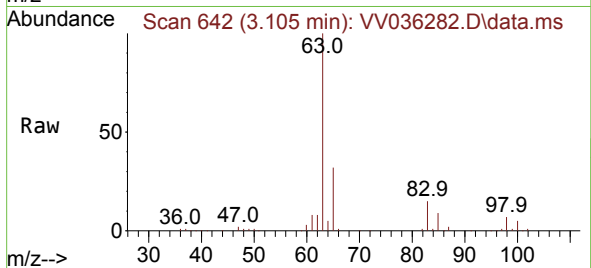
Tgt Ion: 63 Resp: 243776

Ion Ratio Lower Upper

63 100

65 32.4 22.4 41.6

83 14.8 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 10.456 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

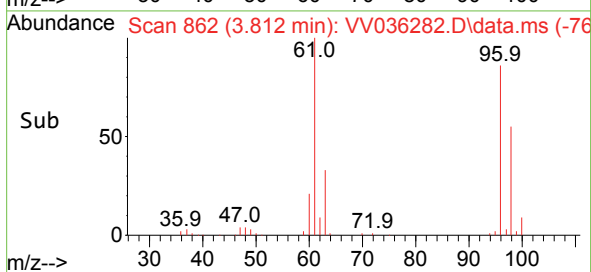
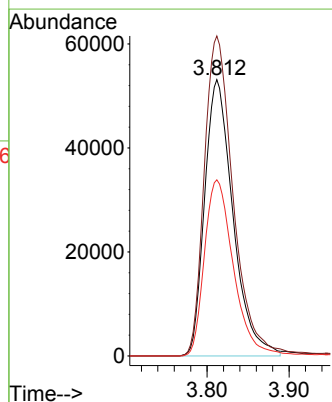
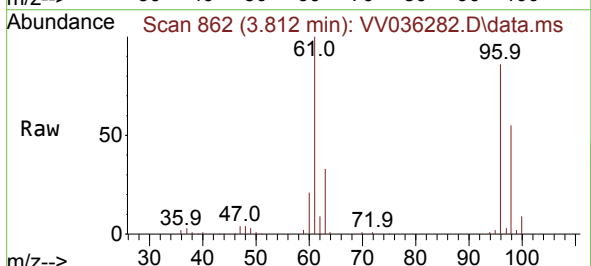
Tgt Ion: 96 Resp: 127725

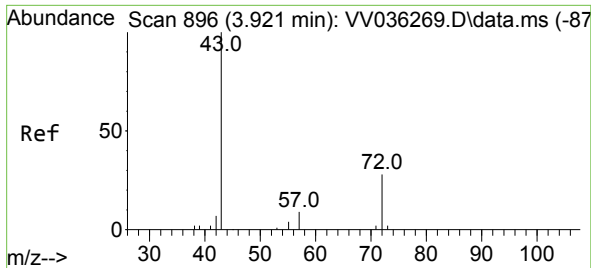
Ion Ratio Lower Upper

96 100

61 115.8 87.9 163.3

98 63.8 44.4 82.5

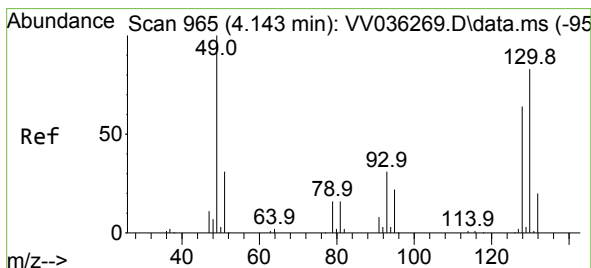
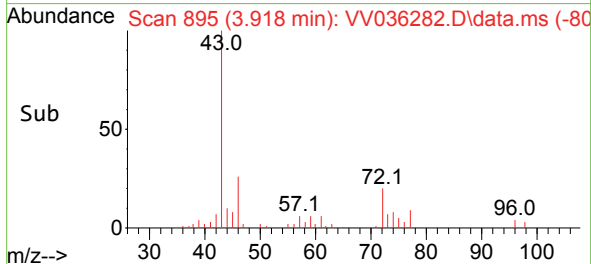
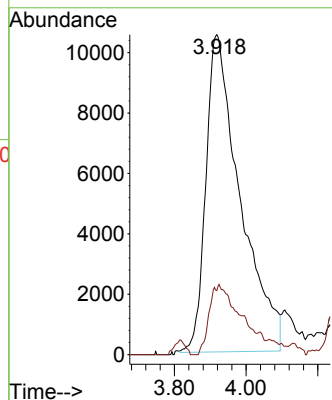
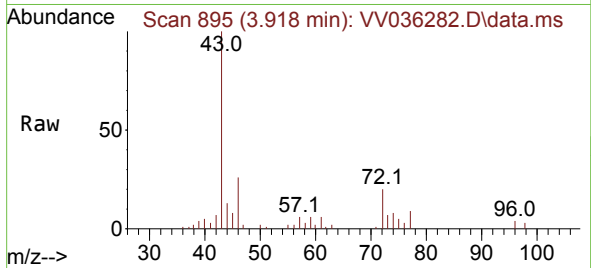




#22
2-Butanone
Concen: 17.548 ug/L
RT: 3.918 min Scan# 896
Delta R.T. -0.003 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

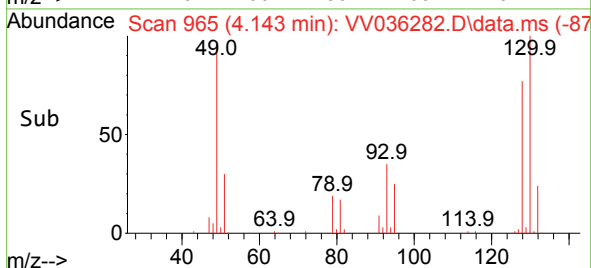
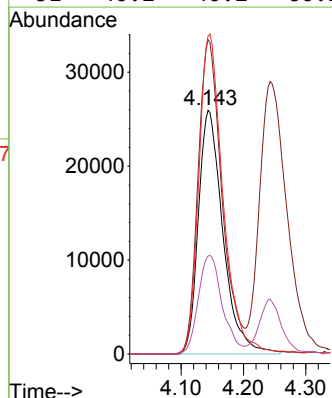
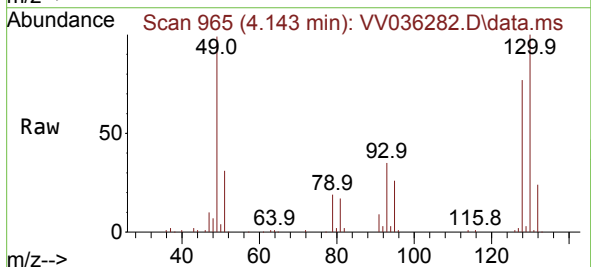
Instrument :
MSVOA_V
ClientSampleId :

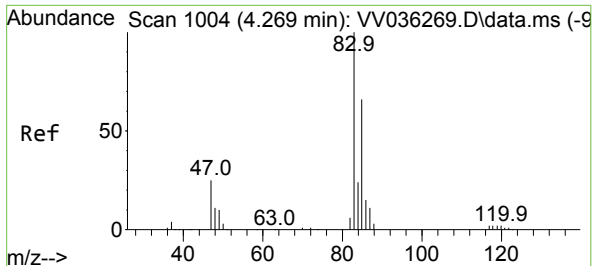
Tgt Ion: 43 Resp: 69922
Ion Ratio Lower Upper
43 100
72 5.3 8.2 24.4#



#23
Bromochloromethane
Concen: 11.578 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.000 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

Tgt Ion: 128 Resp: 70946
Ion Ratio Lower Upper
128 100
49 128.9 110.2 204.6
130 130.4 90.2 167.4
51 40.2 40.2 60.2

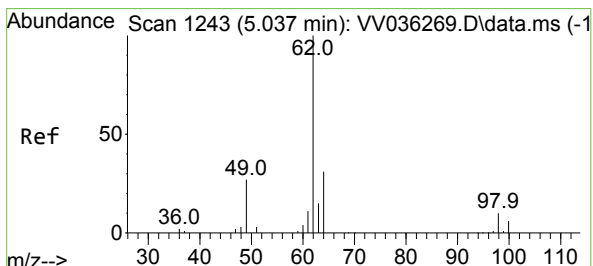
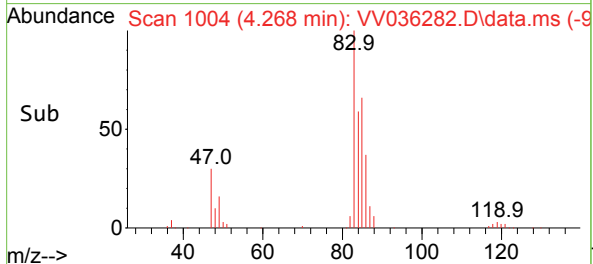
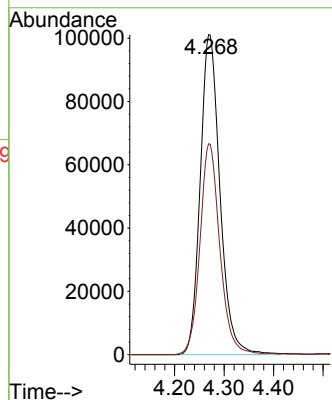
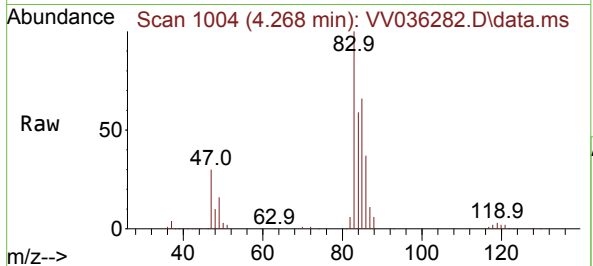




#25
Chloroform
Concen: 11.768 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

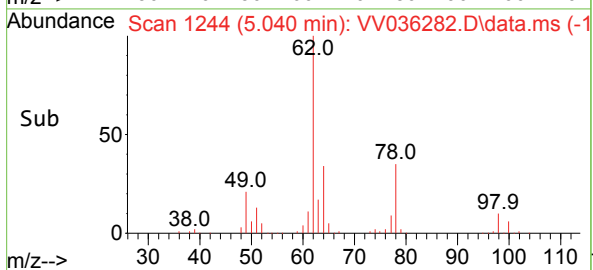
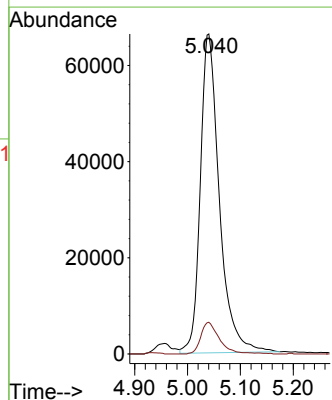
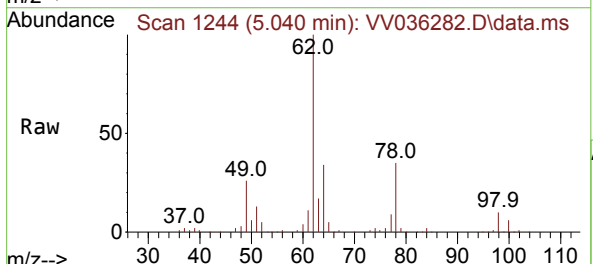
Instrument :
MSVOA_V
ClientSampleId :

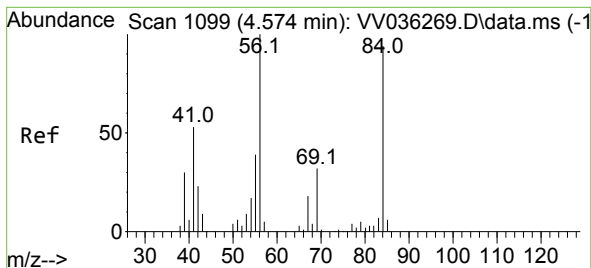
Tgt Ion: 83 Resp: 280267
Ion Ratio Lower Upper
83 100
85 65.9 45.2 84.0



#27
1,2-Dichloroethane
Concen: 11.165 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

Tgt Ion: 62 Resp: 166010
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.6





#29

Cyclohexane

Concen: 8.822 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.000 min

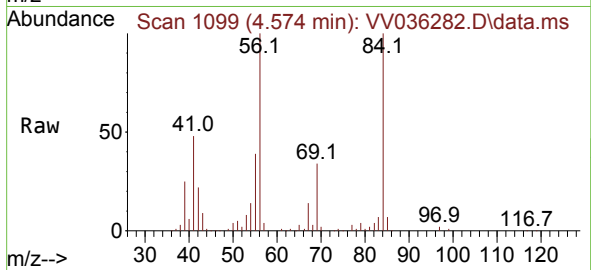
Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :



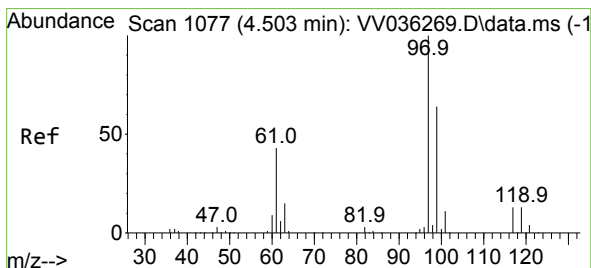
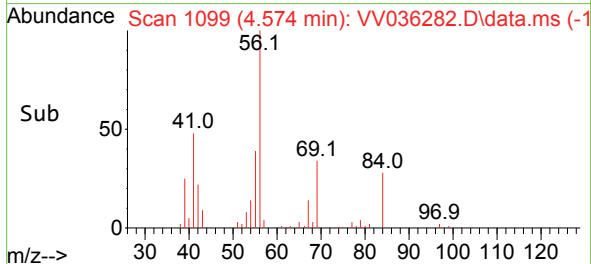
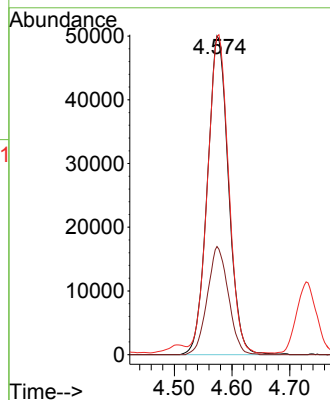
Tgt Ion: 56 Resp: 127283

Ion Ratio Lower Upper

56 100

69 33.7 25.2 37.8

84 99.2 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 13.132 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

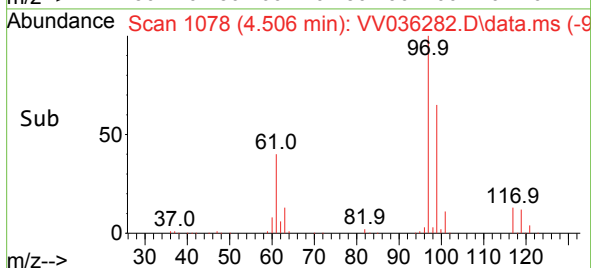
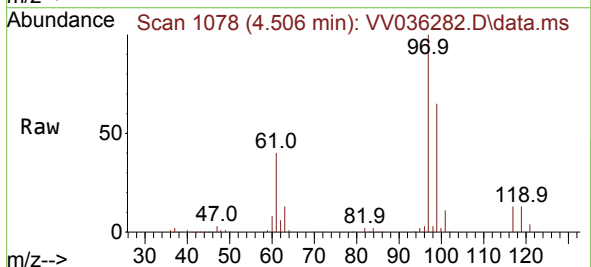
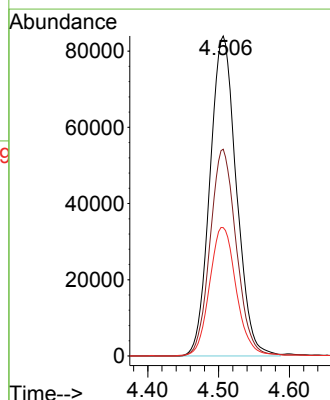
Tgt Ion: 97 Resp: 217544

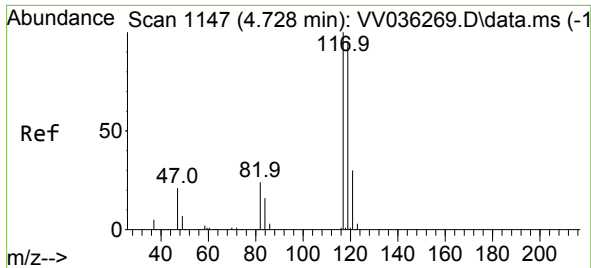
Ion Ratio Lower Upper

97 100

99 64.3 50.9 76.3

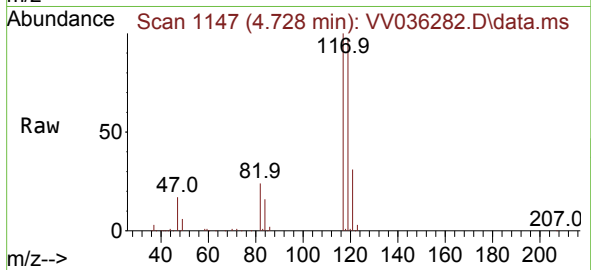
61 40.9 35.0 52.6



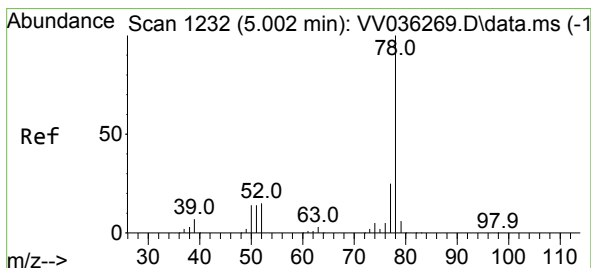
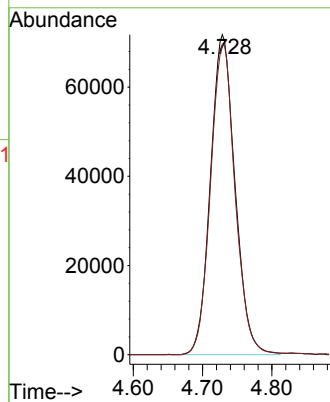
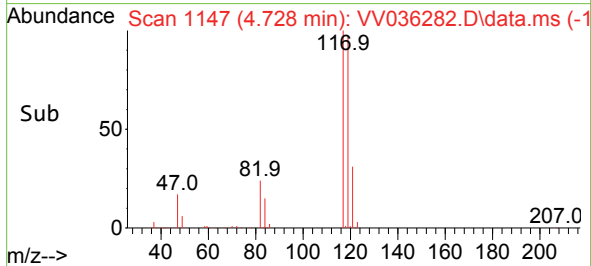


#31
Carbon tetrachloride
Concen: 12.167 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. -0.000 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

Instrument :
MSVOA_V
ClientSampleId :

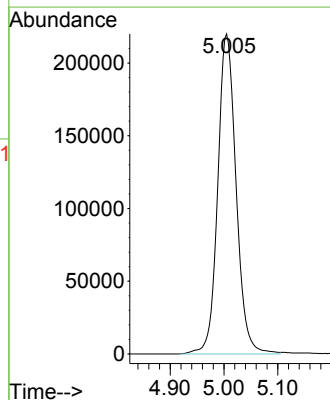
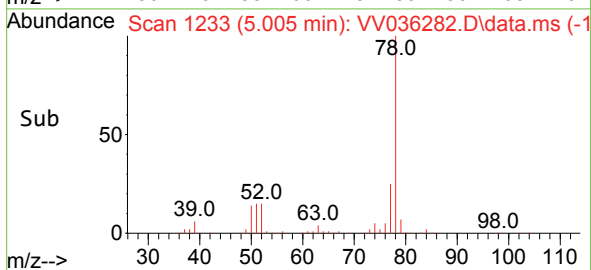
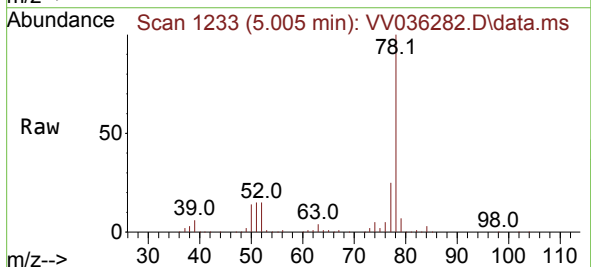


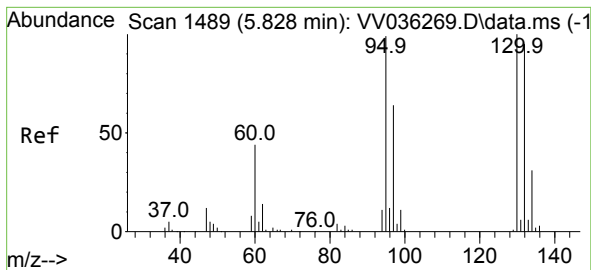
Tgt Ion:117 Resp: 176825
Ion Ratio Lower Upper
117 100
119 97.2 76.8 115.2



#33
Benzene
Concen: 13.161 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

Tgt Ion: 78 Resp: 521589





#34

Trichloroethene

Concen: 11.312 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

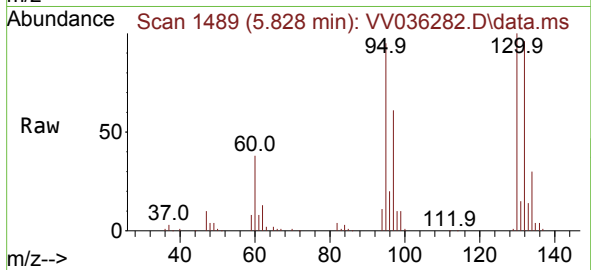
Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 137400

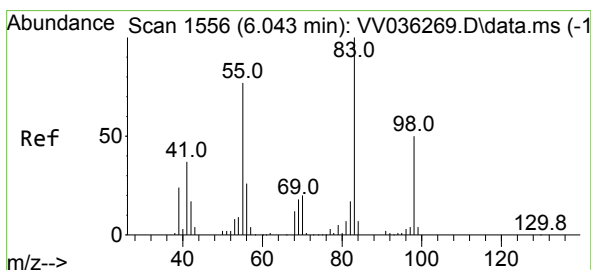
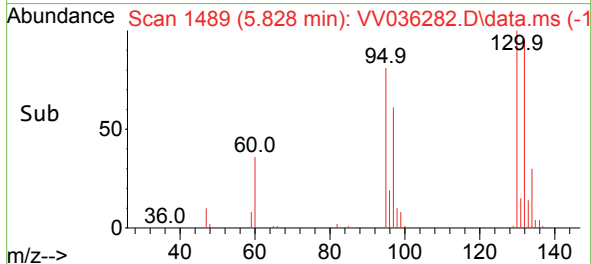
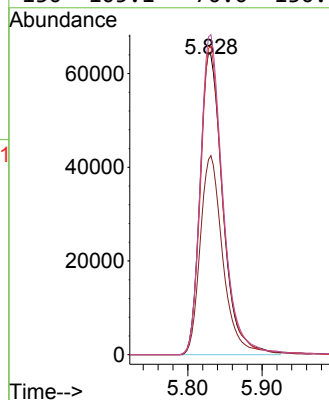
Ion Ratio Lower Upper

95 100

97 64.6 44.8 83.2

132 101.4 66.8 124.2

130 105.1 70.0 130.0



#35

Methylcyclohexane

Concen: 7.879 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

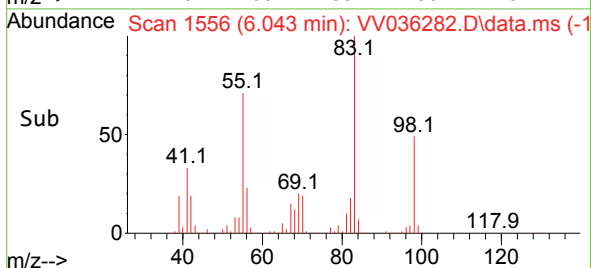
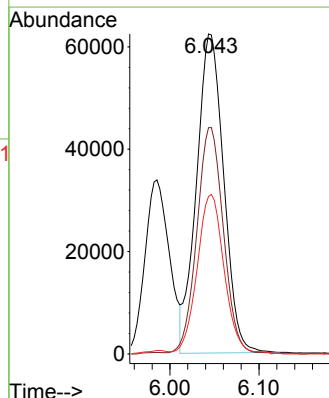
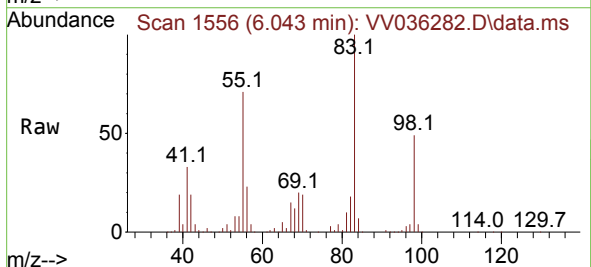
Tgt Ion: 83 Resp: 132344

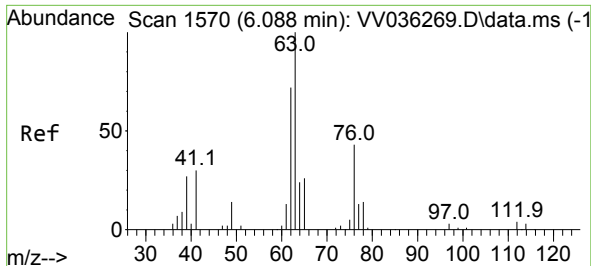
Ion Ratio Lower Upper

83 100

55 69.6 60.7 91.1

98 49.7 38.7 58.1





#37

1,2-Dichloropropane

Concen: 12.913 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

Instrument :

MSVOA_V

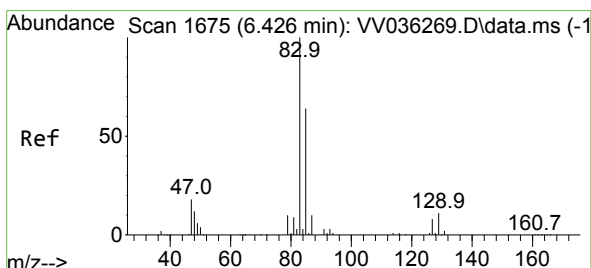
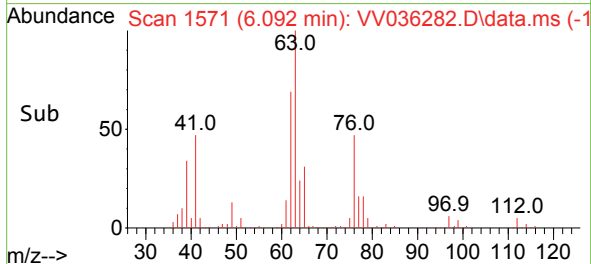
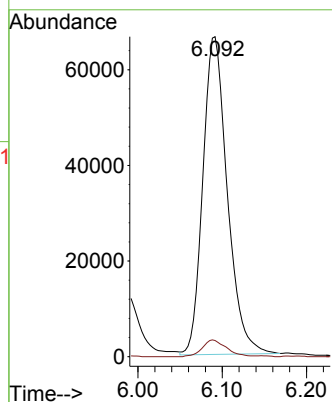
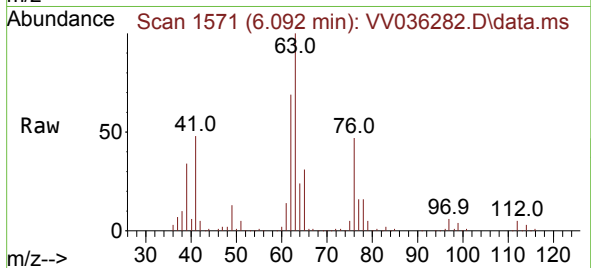
ClientSampleId :

Tgt Ion: 63 Resp: 134383

Ion Ratio Lower Upper

63 100

112 5.2 3.5 5.3



#38

Bromodichloromethane

Concen: 13.321 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

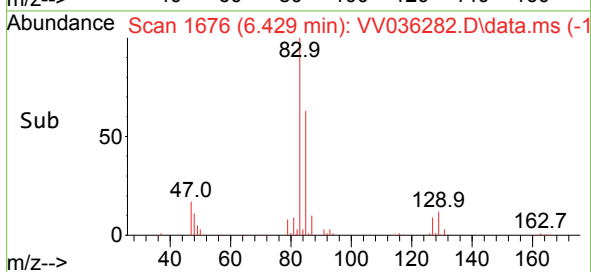
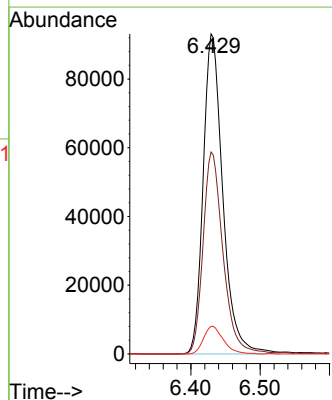
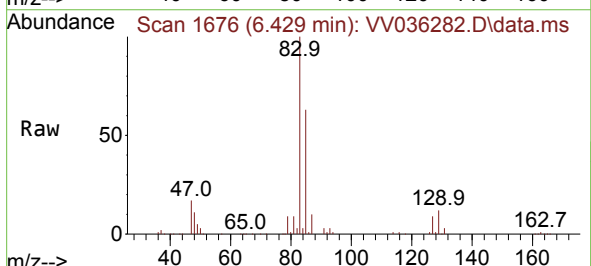
Tgt Ion: 83 Resp: 183482

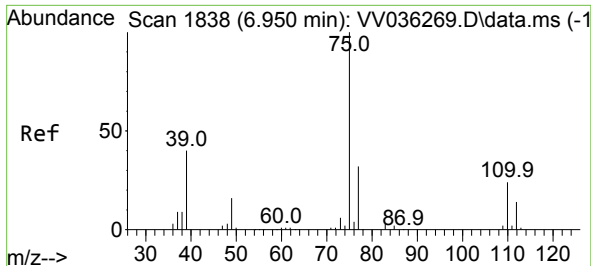
Ion Ratio Lower Upper

83 100

85 63.1 45.3 84.1

127 8.6 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 9.924 ug/L

RT: 6.953 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

Instrument :

MSVOA_V

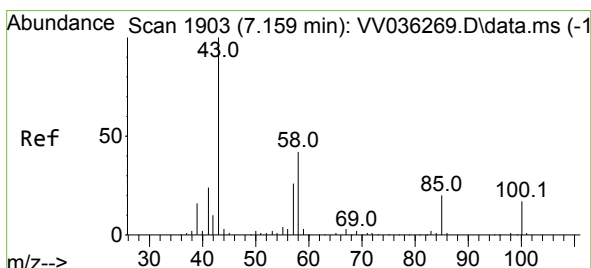
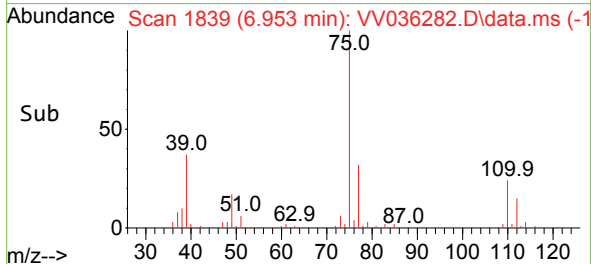
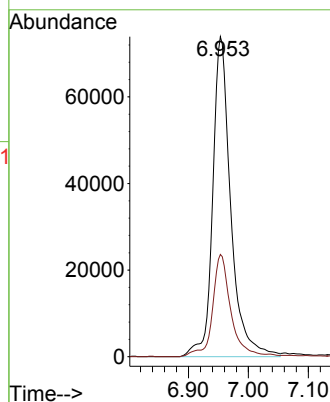
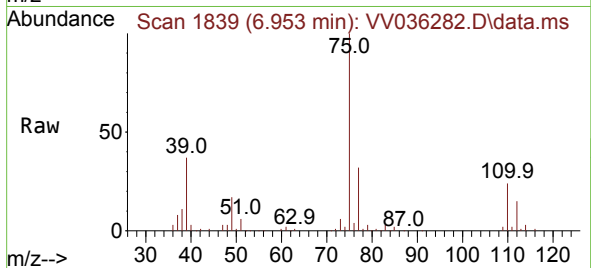
ClientSampleId :

Tgt Ion: 75 Resp: 154467

Ion Ratio Lower Upper

75 100

77 31.9 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 20.717 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

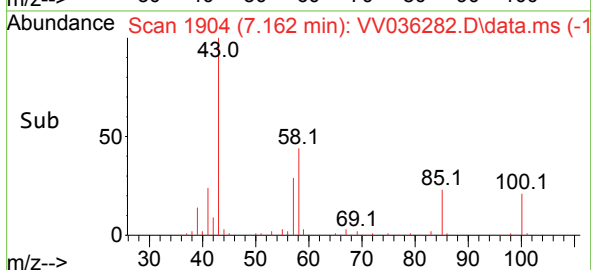
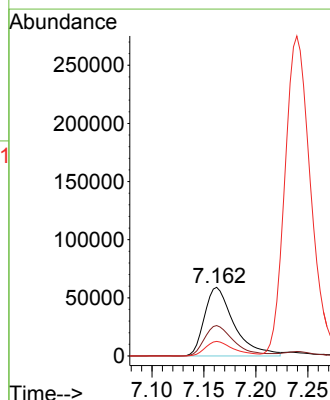
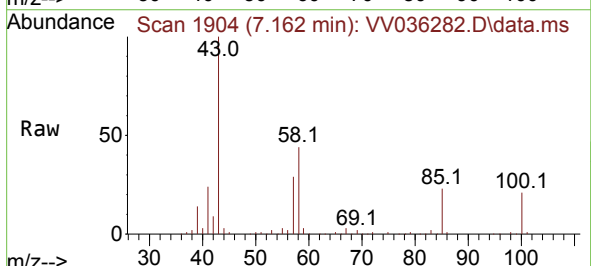
Tgt Ion: 43 Resp: 117134

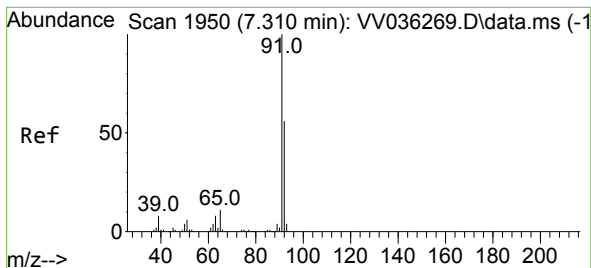
Ion Ratio Lower Upper

43 100

58 44.4 32.5 48.7

100 20.4 12.5 18.7#





#42

Toluene

Concen: 12.585 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

Instrument :

MSVOA_V

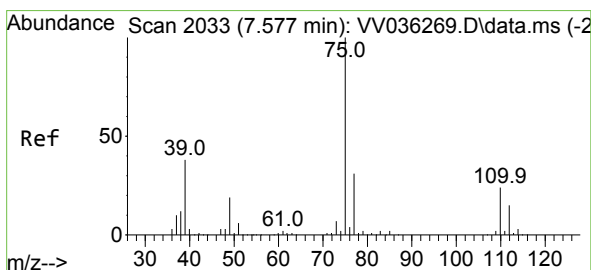
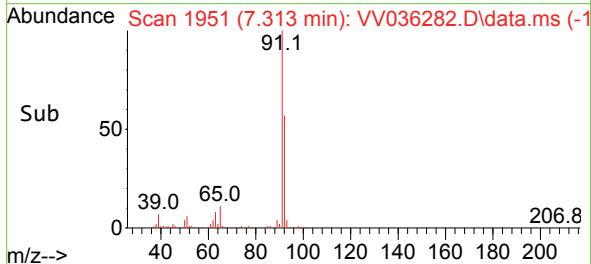
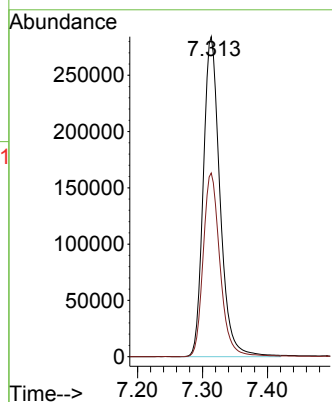
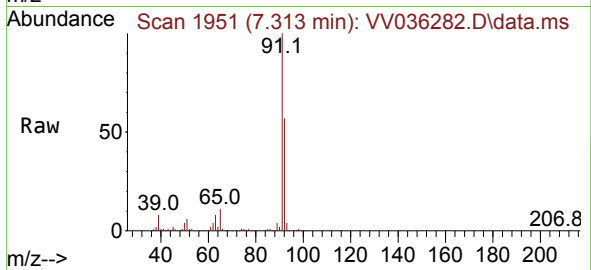
ClientSampleId :

Tgt Ion: 91 Resp: 509657

Ion Ratio Lower Upper

91 100

92 57.4 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 9.811 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV036282.D

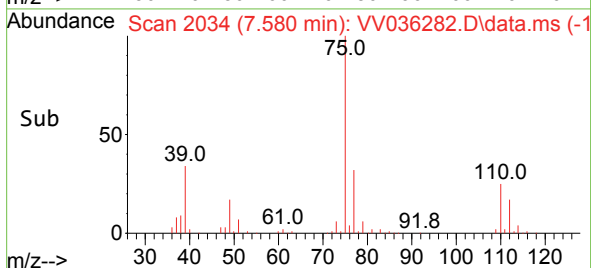
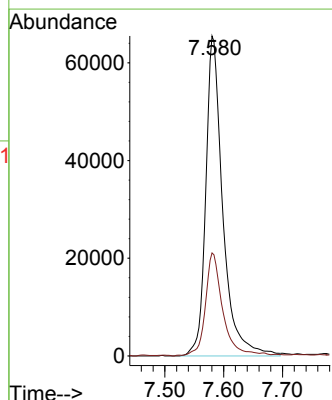
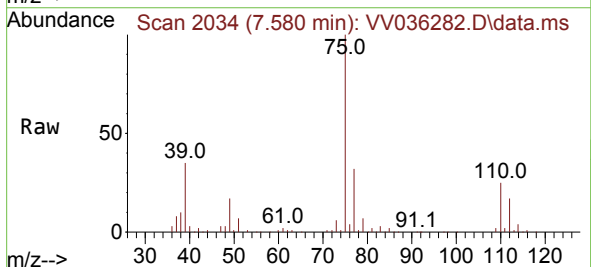
Acq: 25 Jun 2024 19:51

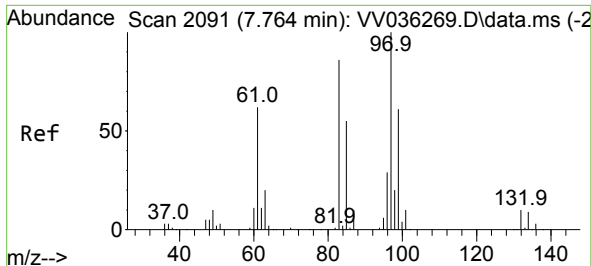
Tgt Ion: 75 Resp: 131896

Ion Ratio Lower Upper

75 100

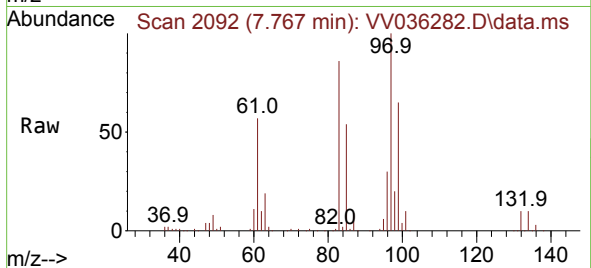
77 32.2 23.1 42.9



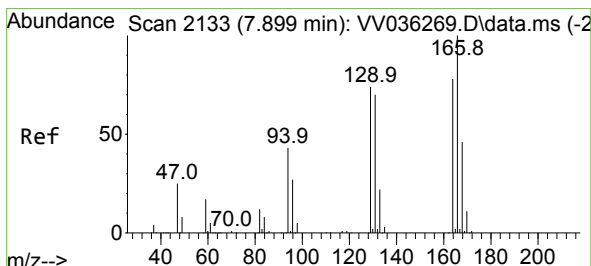
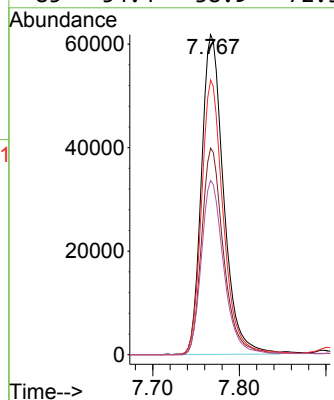
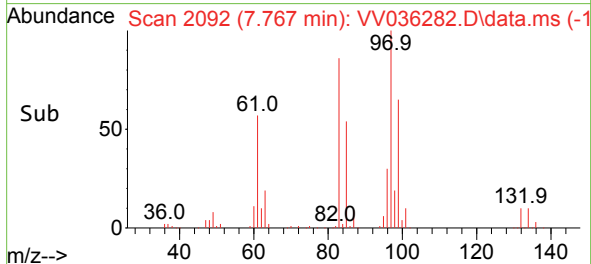


#45
1,1,2-Trichloroethane
Concen: 12.777 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

Instrument :
MSVOA_V
ClientSampleId :

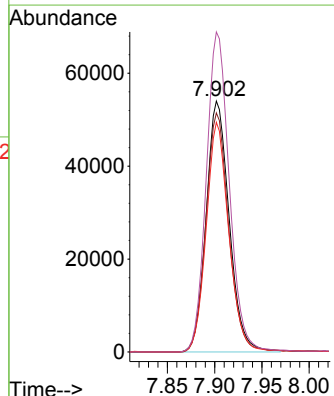
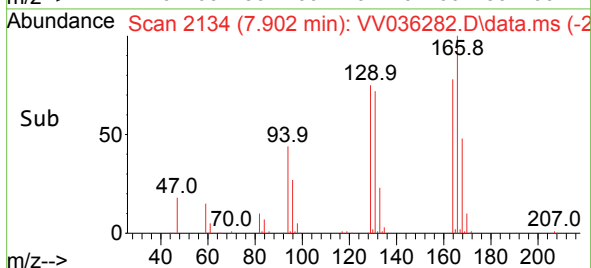
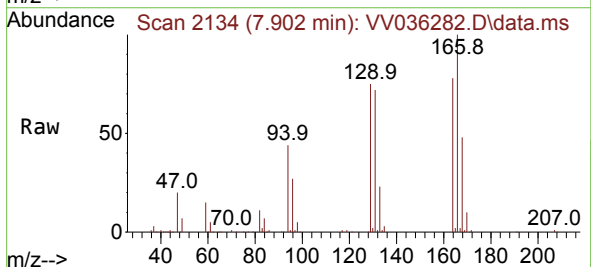


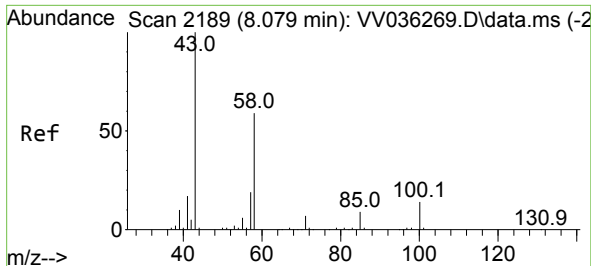
Tgt Ion:	97	Resp:	110019
Ion	Ratio	Lower	Upper
97	100		
99	64.5	43.3	80.5
83	85.8	60.1	111.7
85	54.4	38.9	72.3



#46
Tetrachloroethene
Concen: 10.332 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

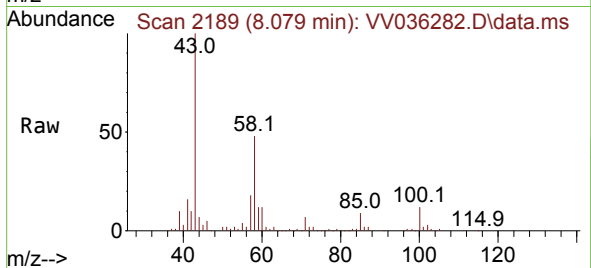
Tgt Ion:	164	Resp:	91789
Ion	Ratio	Lower	Upper
164	100		
129	95.3	64.6	120.0
131	91.5	63.2	117.4
166	127.5	89.5	166.3



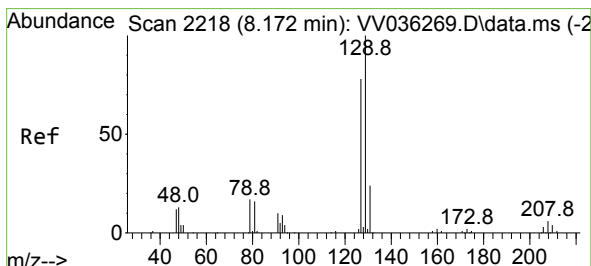
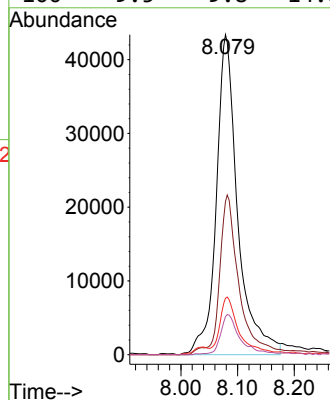
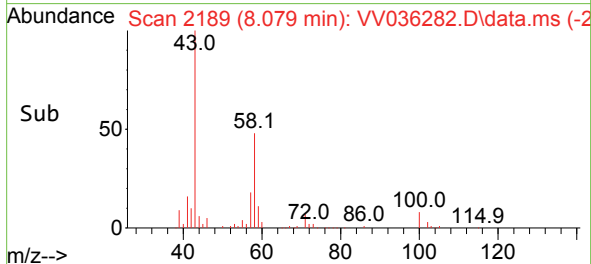


#48
2-Hexanone
Concen: 25.835 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

Instrument :
MSVOA_V
ClientSampleId :

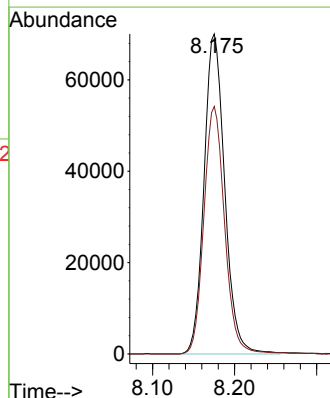
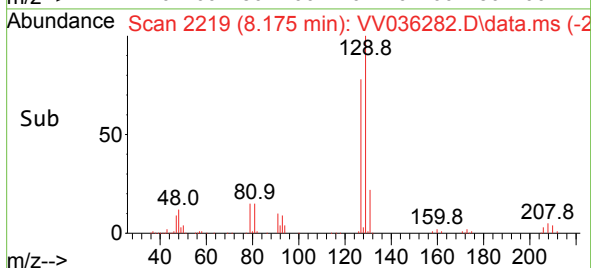
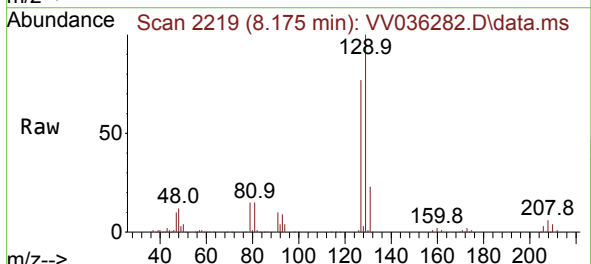


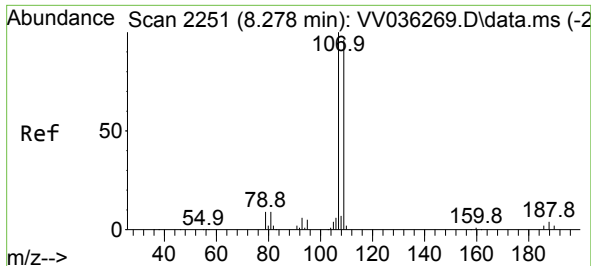
Tgt Ion: 43 Resp: 114197
Ion Ratio Lower Upper
43 100
58 40.7 45.4 68.0#
57 14.7 15.8 23.8#
100 9.5 9.8 14.8#



#49
Dibromochloromethane
Concen: 13.035 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

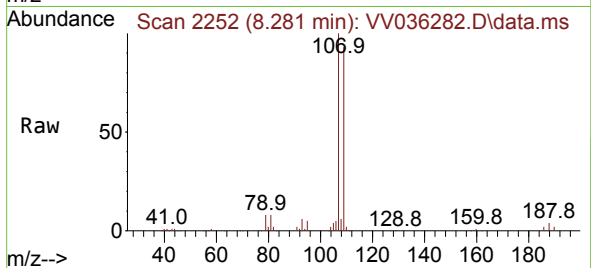
Tgt Ion: 129 Resp: 122842
Ion Ratio Lower Upper
129 100
127 77.3 53.9 100.1



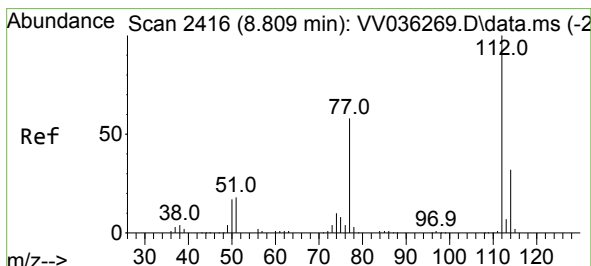
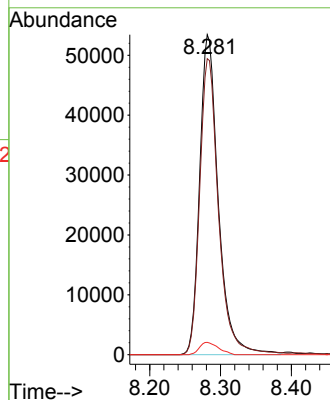
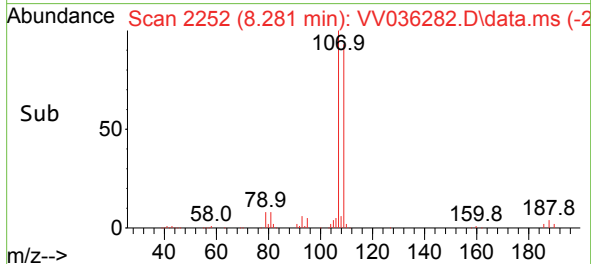


#50
1,2-Dibromoethane
Concen: 11.833 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

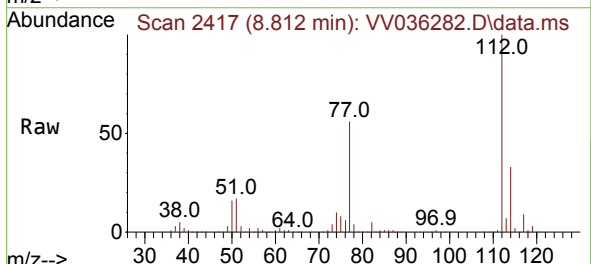
Instrument :
MSVOA_V
ClientSampleId :



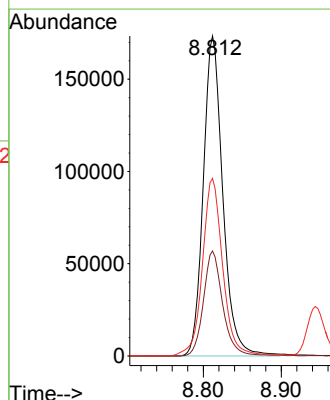
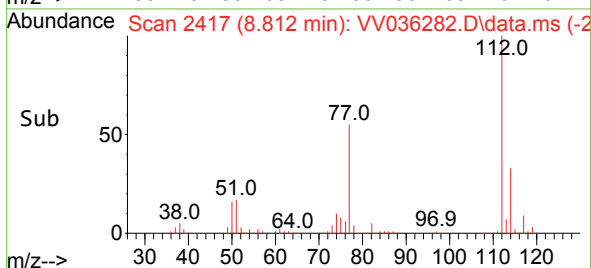
Tgt Ion:107 Resp: 97769
Ion Ratio Lower Upper
107 100
109 92.5 66.1 122.7
188 3.9 3.0 4.6

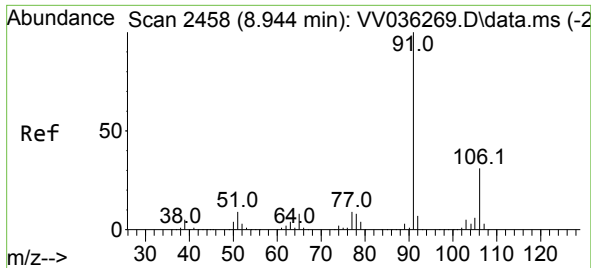


#51
Chlorobenzene
Concen: 10.956 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51



Tgt Ion:112 Resp: 302309
Ion Ratio Lower Upper
112 100
114 32.8 22.3 41.5
77 55.5 47.3 70.9

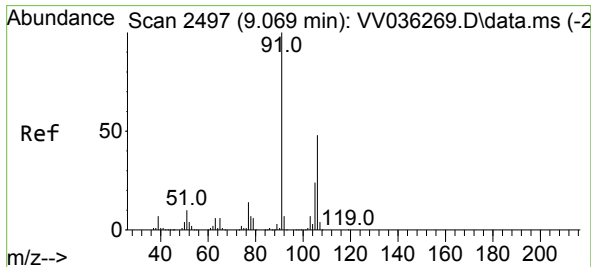
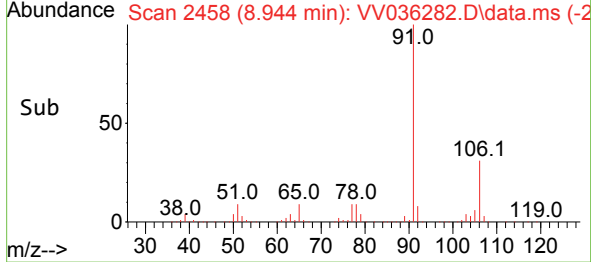
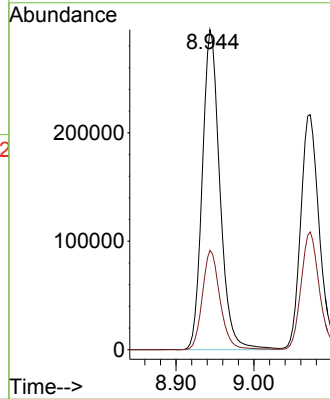
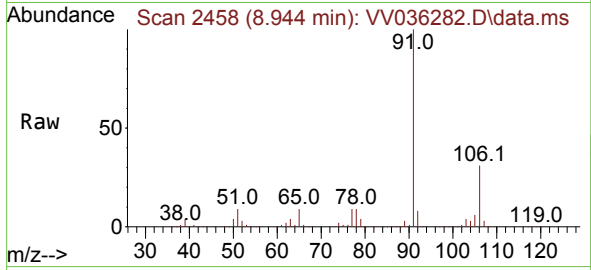




#52
Ethylbenzene
Concen: 10.683 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

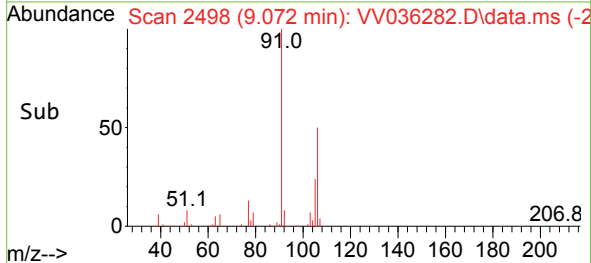
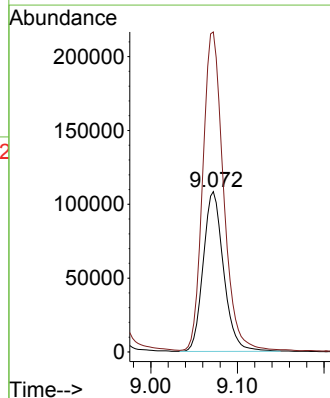
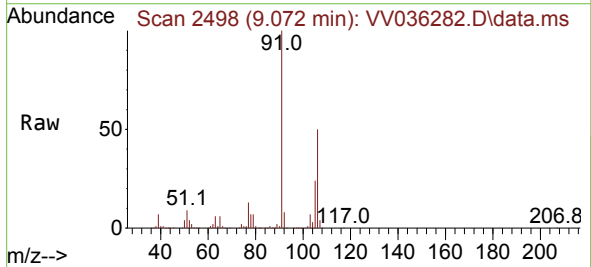
Instrument :
MSVOA_V
ClientSampleId :

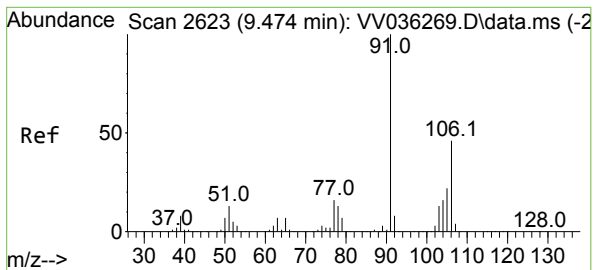
Tgt Ion: 91 Resp: 462869
Ion Ratio Lower Upper
91 100
106 31.0 21.6 40.0



#53
m,p-Xylene
Concen: 10.872 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

Tgt Ion: 106 Resp: 177000
Ion Ratio Lower Upper
106 100
91 199.6 143.1 265.9





#54

o-Xylene

Concen: 11.329 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

Instrument :

MSVOA_V

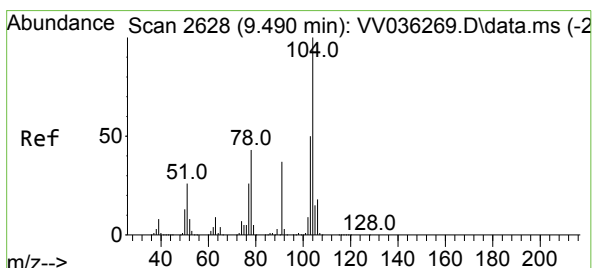
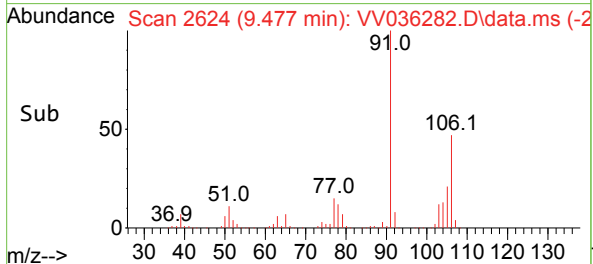
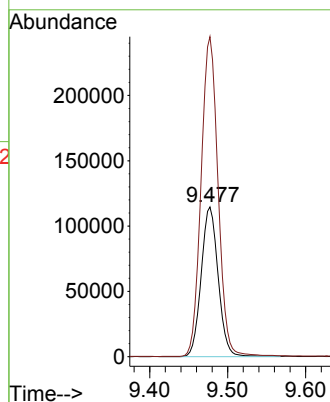
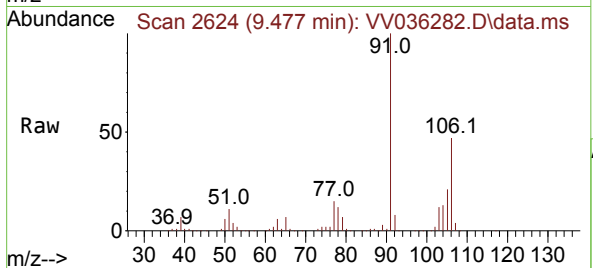
ClientSampleId :

Tgt Ion:106 Resp: 173929

Ion Ratio Lower Upper

106 100

91 213.7 154.5 286.9



#55

Styrene

Concen: 9.793 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.003 min

Lab File: VV036282.D

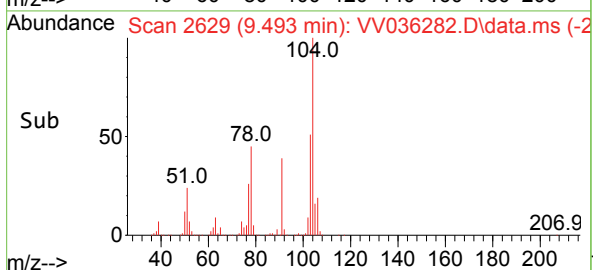
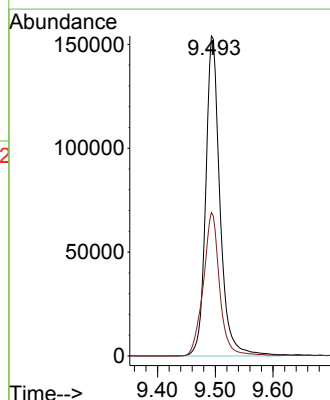
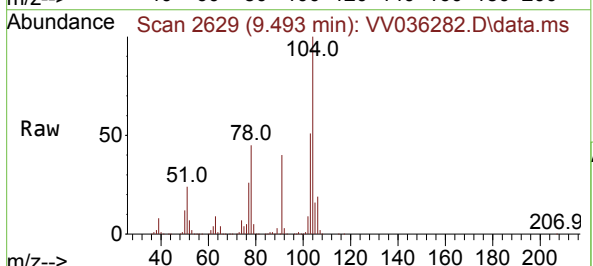
Acq: 25 Jun 2024 19:51

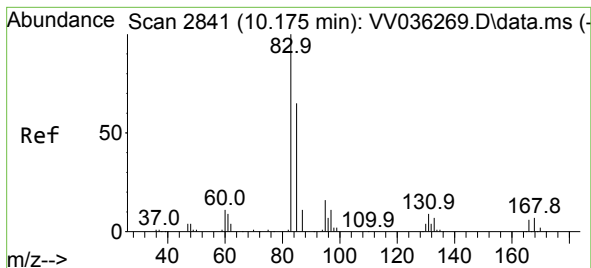
Tgt Ion:104 Resp: 265129

Ion Ratio Lower Upper

104 100

78 44.8 31.4 58.2

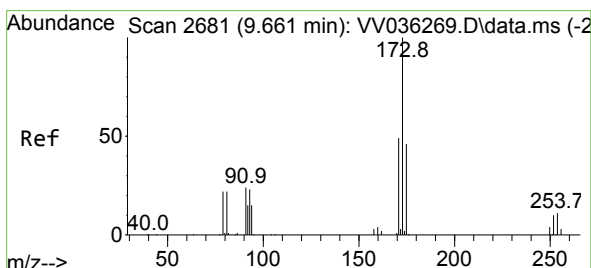
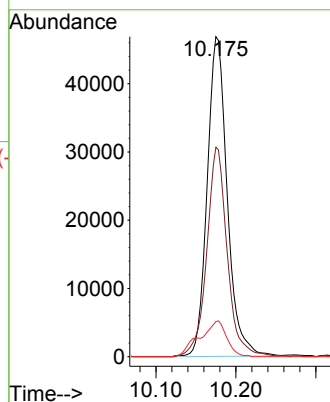
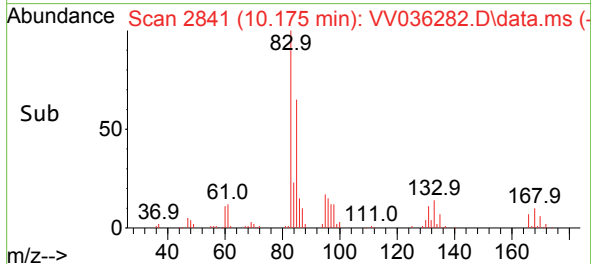
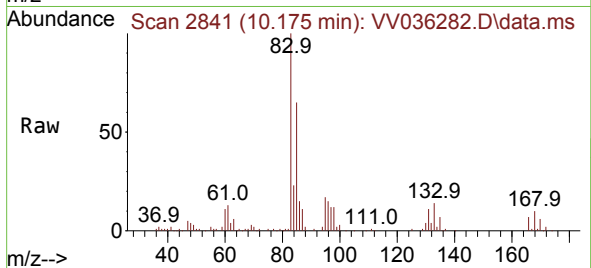




#57
1,1,2,2-Tetrachloroethane
Concen: 10.566 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

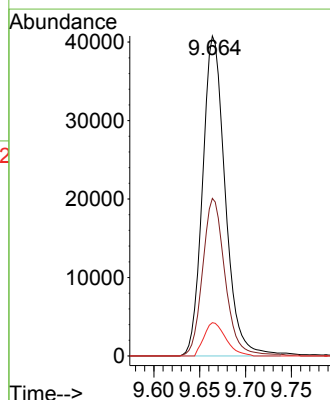
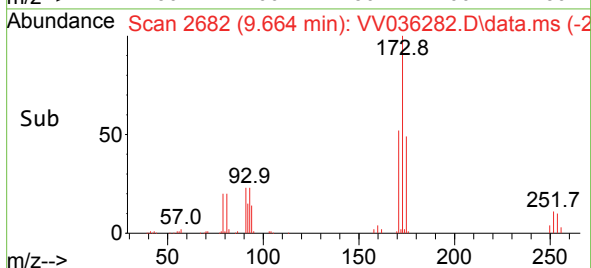
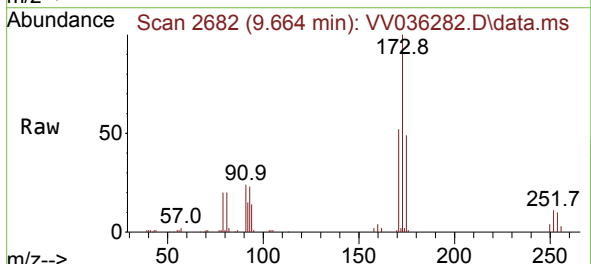
Instrument :
MSVOA_V
ClientSampleId :

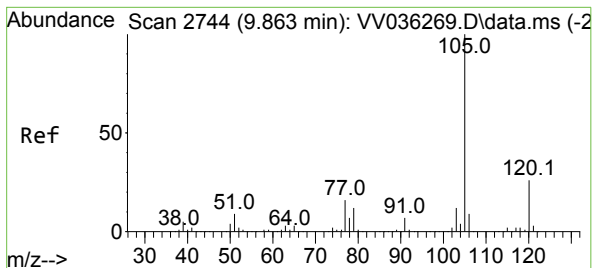
Tgt Ion: 83 Resp: 81466
Ion Ratio Lower Upper
83 100
85 65.5 45.1 83.7
131 11.0 7.6 11.4



#59
Bromoform
Concen: 16.336 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV036282.D
Acq: 25 Jun 2024 19:51

Tgt Ion: 173 Resp: 69962
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.6
254 10.0 8.6 13.0





#60

Isopropylbenzene

Concen: 14.031 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

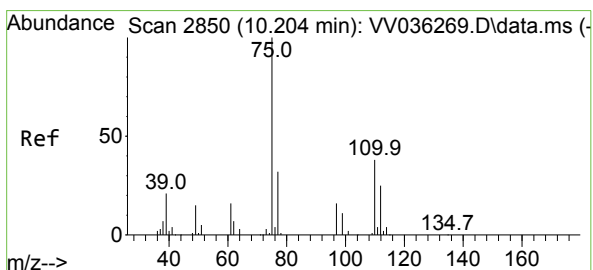
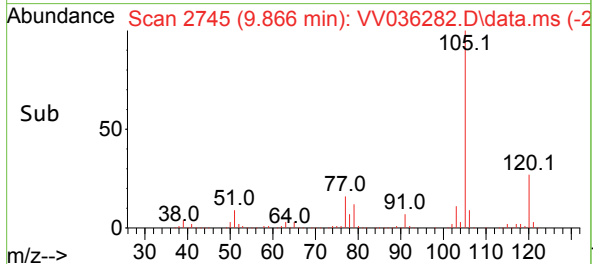
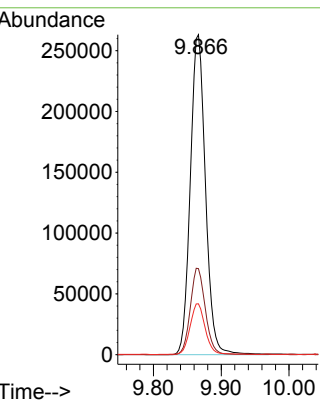
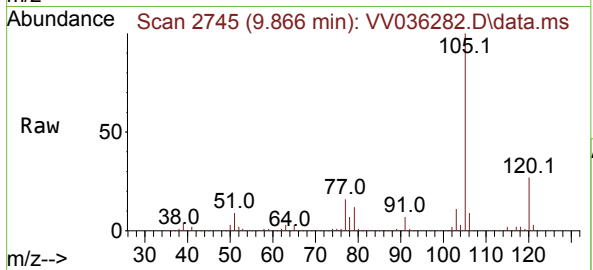
Tgt Ion:105 Resp: 408808

Ion Ratio Lower Upper

105 100

120 26.7 21.0 31.6

77 15.5 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 15.925 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

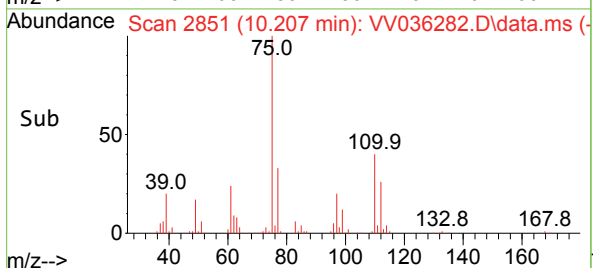
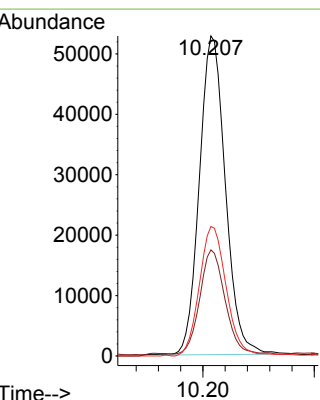
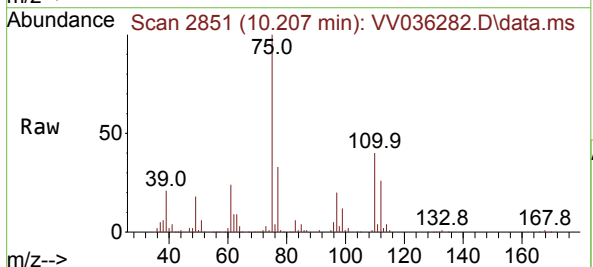
Tgt Ion: 75 Resp: 85534

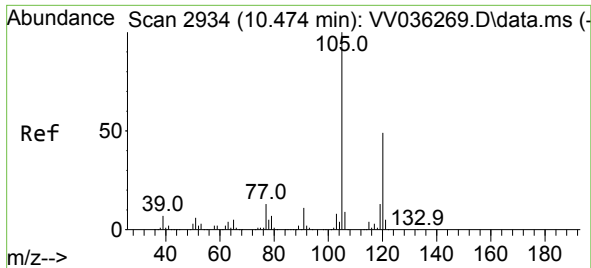
Ion Ratio Lower Upper

75 100

77 31.3 26.0 39.0

110 42.2 32.2 48.4

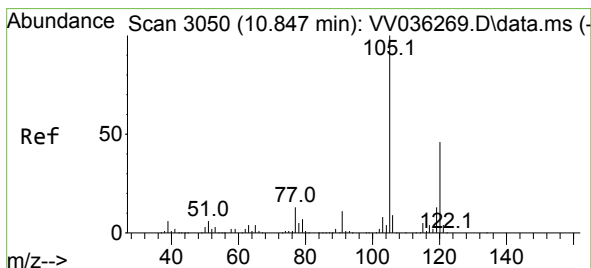
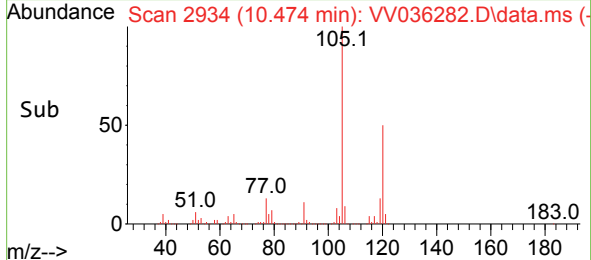
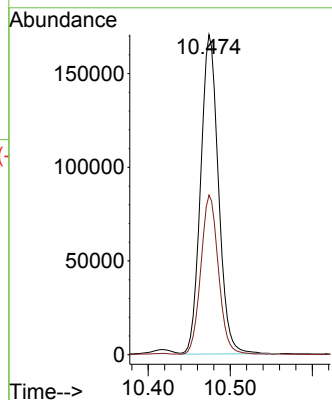
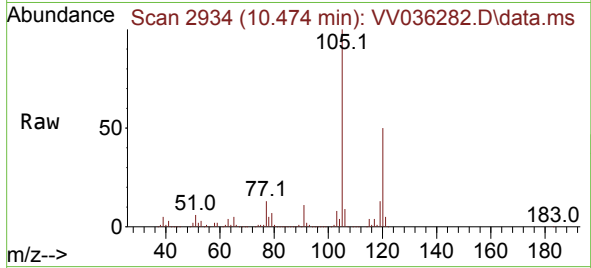




#62
 1,3,5-Trimethylbenzene
 Concen: 12.143 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. -0.000 min
 Lab File: VV036282.D
 Acq: 25 Jun 2024 19:51

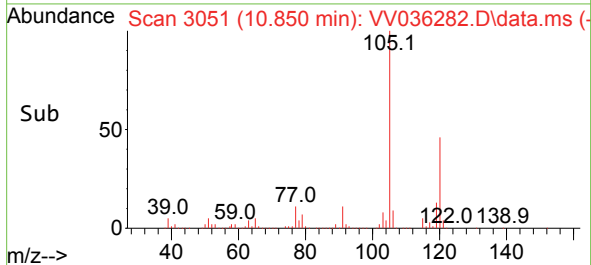
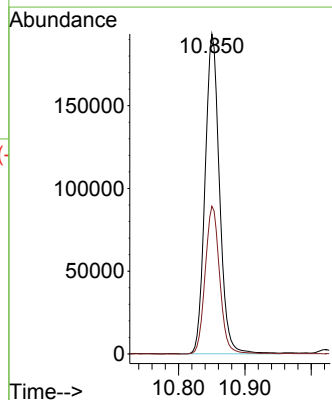
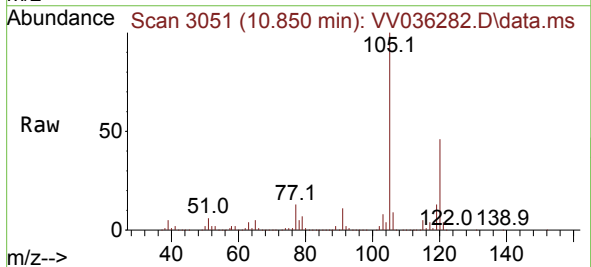
Instrument :
 MSVOA_V
 ClientSampleId :

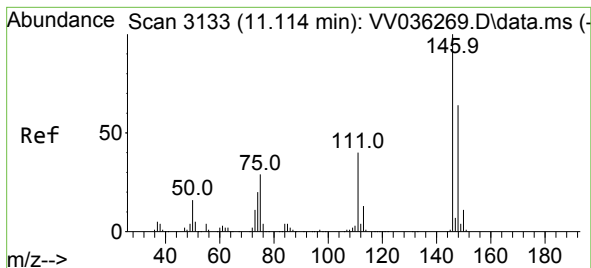
Tgt Ion:105 Resp: 256542
 Ion Ratio Lower Upper
 105 100
 120 49.4 38.6 58.0



#63
 1,2,4-Trimethylbenzene
 Concen: 12.826 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.003 min
 Lab File: VV036282.D
 Acq: 25 Jun 2024 19:51

Tgt Ion:105 Resp: 291965
 Ion Ratio Lower Upper
 105 100
 120 46.4 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 10.514 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

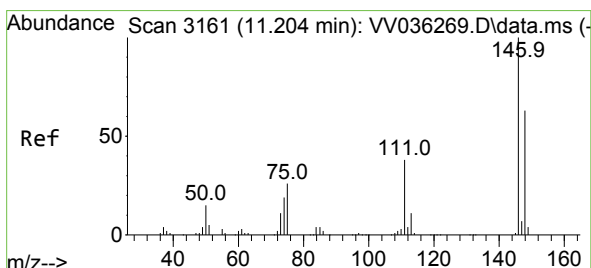
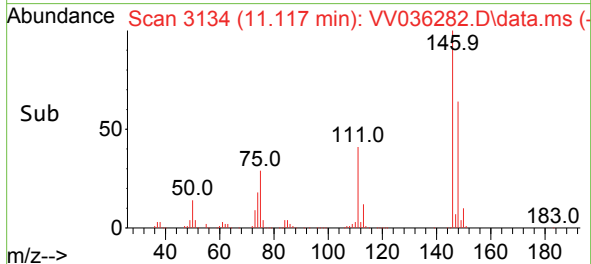
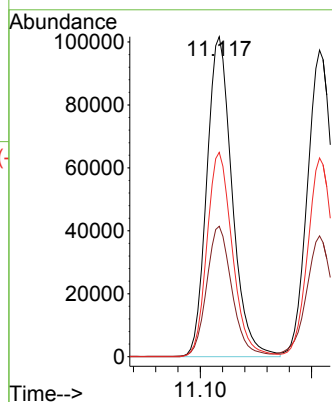
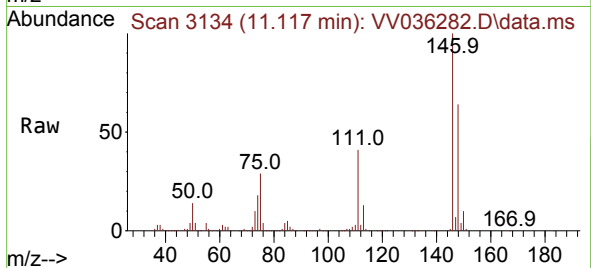
Tgt Ion:146 Resp: 160876

Ion Ratio Lower Upper

146 100

111 40.7 28.1 52.1

148 63.8 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 10.127 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

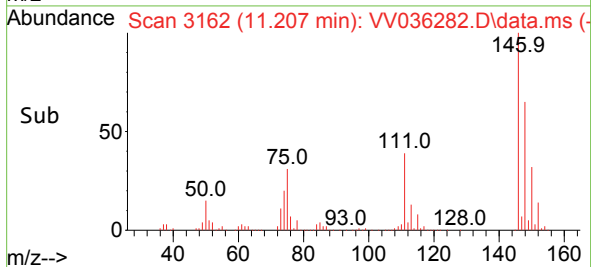
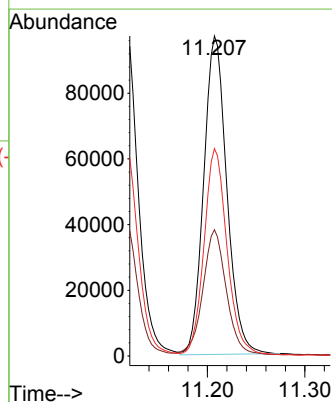
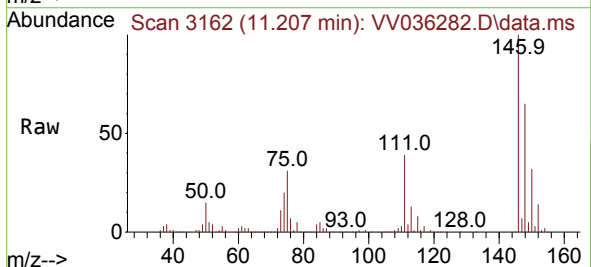
Tgt Ion:146 Resp: 159933

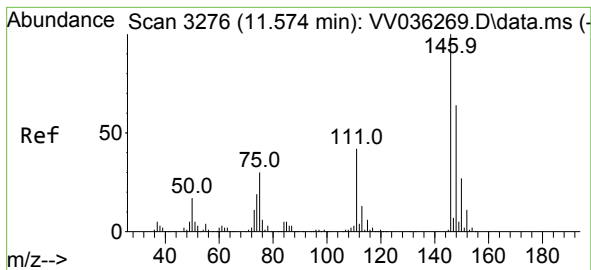
Ion Ratio Lower Upper

146 100

111 39.4 26.9 50.1

148 64.8 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 10.554 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

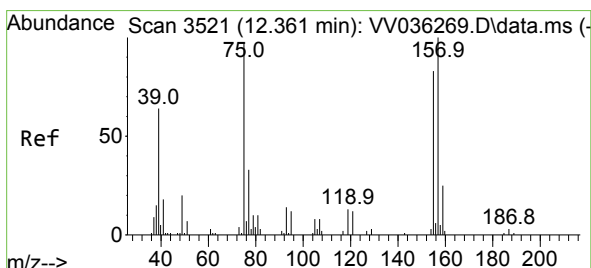
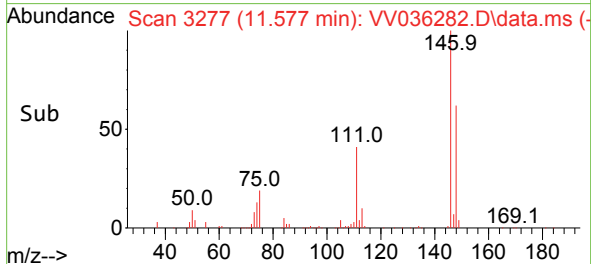
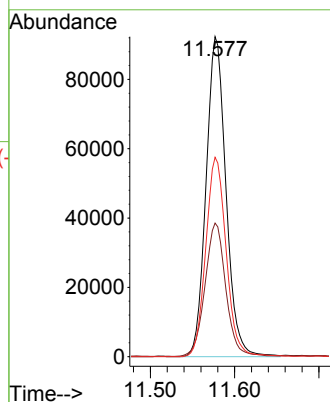
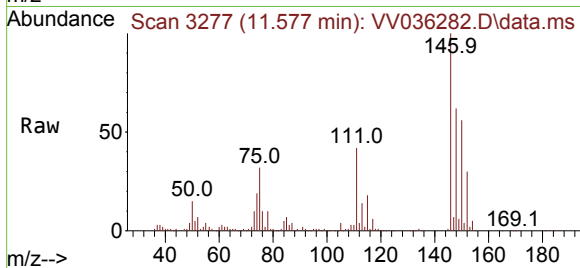
Tgt Ion:146 Resp: 151963

Ion Ratio Lower Upper

146 100

111 41.8 33.5 50.3

148 62.3 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 13.851 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

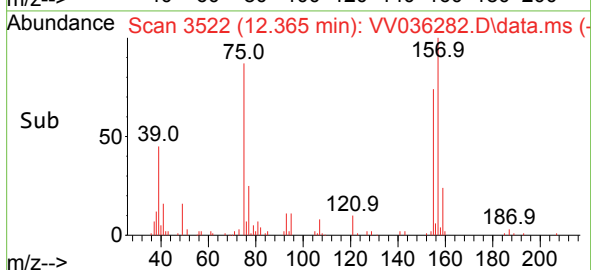
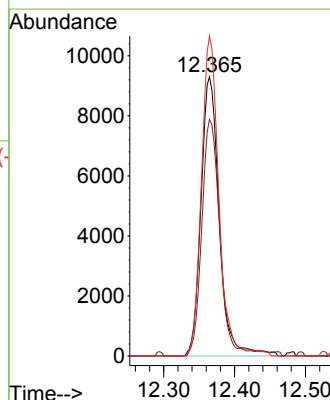
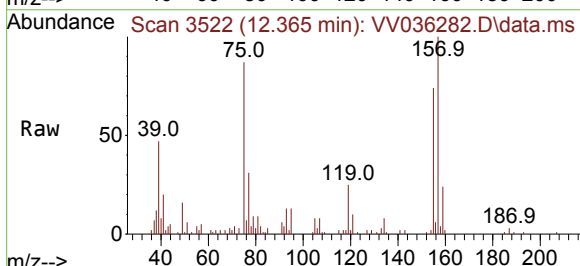
Tgt Ion: 75 Resp: 16636

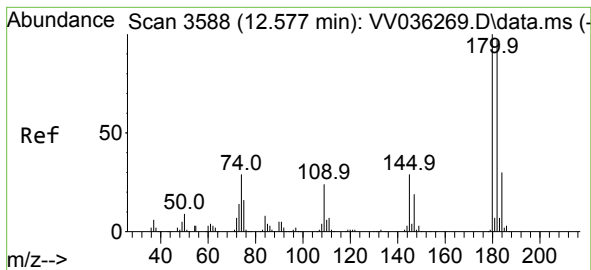
Ion Ratio Lower Upper

75 100

155 84.7 63.3 94.9

157 114.6 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 6.511 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

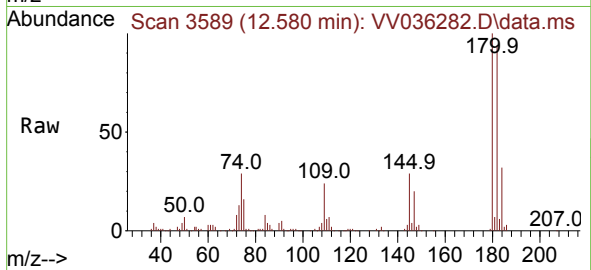
Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 74517

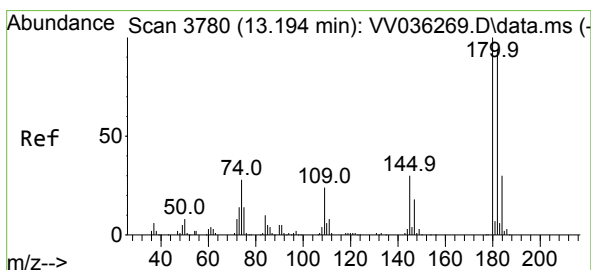
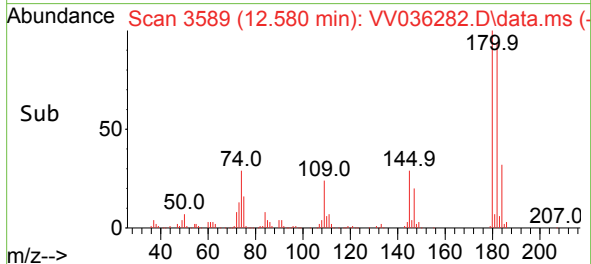
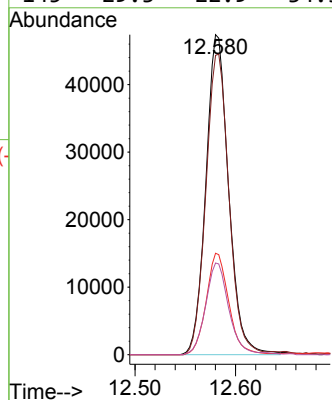
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.4

184 31.4 24.2 36.2

145 29.3 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.513 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

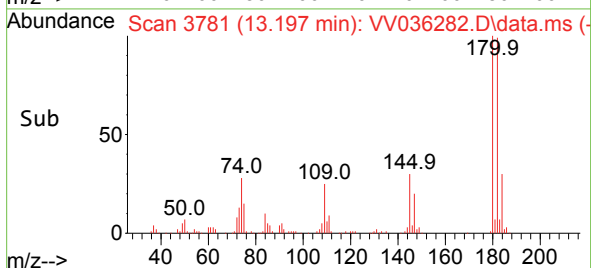
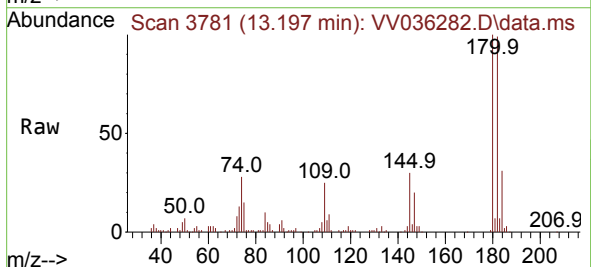
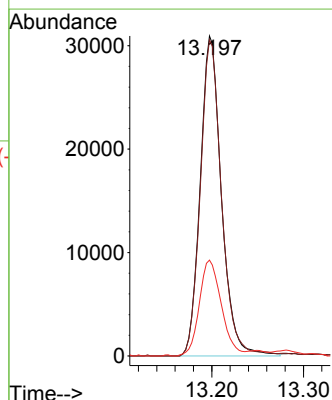
Tgt Ion:180 Resp: 49685

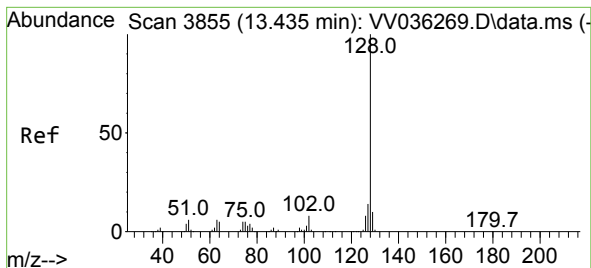
Ion Ratio Lower Upper

180 100

182 97.9 76.1 114.1

145 31.1 23.5 35.3





#71

Naphthalene

Concen: 9.792 ug/L

RT: 13.439 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

Instrument :

MSVOA_V

ClientSampleId :

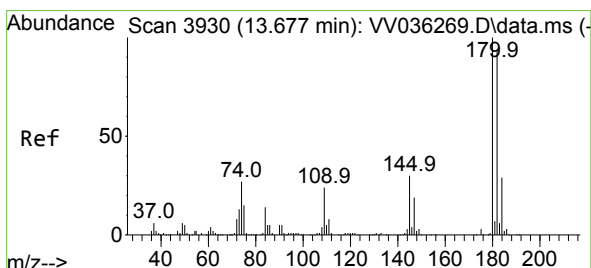
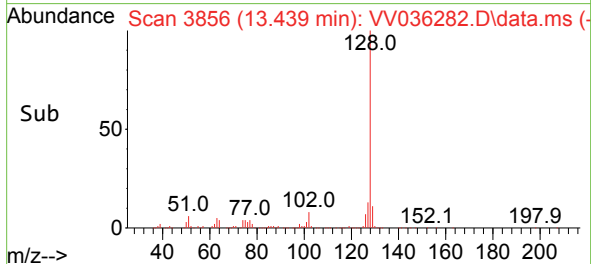
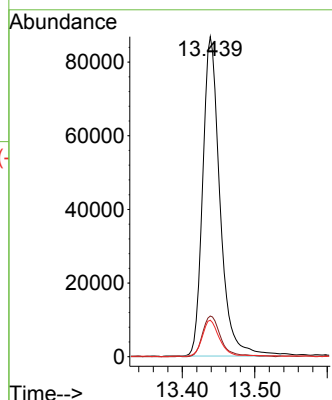
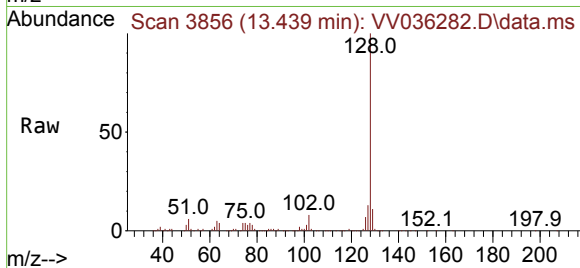
Tgt Ion:128 Resp: 144001

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 4.897 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV036282.D

Acq: 25 Jun 2024 19:51

Tgt Ion:180 Resp: 40269

Ion Ratio Lower Upper

180 100

182 95.3 75.1 112.7

145 35.0 25.2 37.8

