

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072424\
 Data File : VW036666.D
 Acq On : 24 Jul 2024 11:58
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 25 00:52:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 00:49:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	345356	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	354770	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	214654	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	80449	21.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.080%
7) Chloroethane-d5	1.526	69	79706	23.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.320%
11) 1,1-Dichloroethene-d2	2.050	65	45255	22.627	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.520%
21) 2-Butanone-d5	3.838	46	43561	49.347	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.700%
24) Chloroform-d	4.240	84	233221	25.534	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.120%
26) 1,2-Dichloroethane-d4	4.937	65	117730	26.127	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.520%
32) Benzene-d6	4.950	84	399799	23.778	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	5.982	67	113984	23.792	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.160%
41) Toluene-d8	7.236	98	390711	24.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	7.551	79	50444	23.685	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.760%
47) 2-Hexanone-d5	8.030	63	32053	50.272	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.540%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	105577	25.284	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.120%
66) 1,2-Dichlorobenzene-d4	11.558	152	173237	23.119	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	156867	26.783	ug/L	99
3) Chloromethane	1.211	50	119640	26.551	ug/L	100
5) Vinyl chloride	1.275	62	148337	26.620	ug/L	99
6) Bromomethane	1.481	94	120237	26.987	ug/L	99
8) Chloroethane	1.542	64	97518	27.004	ug/L	100
9) Trichlorofluoromethane	1.706	101	269317	27.835	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	166890	27.722	ug/L	100
12) 1,1-Dichloroethene	2.060	96	149481	28.057	ug/L	98
13) Acetone	2.159	43	65396	45.605	ug/L	82
14) Carbon disulfide	2.230	76	405699	27.436	ug/L	100
15) Methyl Acetate	2.384	43	41931	25.064	ug/L	100
16) Methylene chloride	2.439	84	195812	30.473	ug/L	97
17) trans-1,2-Dichloroethene	2.683	96	144958	26.941	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	299007	26.495	ug/L	99
19) 1,1-Dichloroethane	3.101	63	226948	26.884	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	147973	26.333	ug/L	99
22) 2-Butanone	3.921	43	54644	44.892	ug/L	90
23) Bromochloromethane	4.140	128	82998	27.793	ug/L	96
25) Chloroform	4.265	83	281392	27.615	ug/L	99

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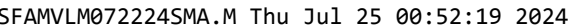
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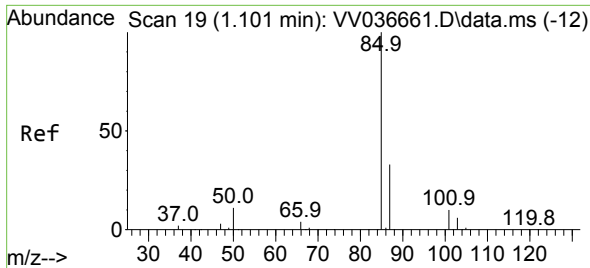
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 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 00:49:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	171096	27.982	ug/L	97
29) Cyclohexane	4.571	56	159380	25.198	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	245871	26.788	ug/L	99
31) Carbon tetrachloride	4.725	117	227946	26.582	ug/L	100
33) Benzene	5.002	78	539975	26.801	ug/L	100
34) Trichloroethene	5.828	95	173280	26.281	ug/L	98
35) Methylcyclohexane	6.043	83	229779	26.173	ug/L	99
37) 1,2-Dichloropropane	6.088	63	124469	26.844	ug/L	100
38) Bromodichloromethane	6.426	83	198736	26.288	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	206227	27.088	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	115237	53.224	ug/L	96
42) Toluene	7.310	91	619293	27.752	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	186250	27.241	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	121983	26.975	ug/L	99
46) Tetrachloroethene	7.902	164	154398	23.599	ug/L	99
48) 2-Hexanone	8.079	43	88728	52.267	ug/L	98
49) Dibromochloromethane	8.172	129	155656	27.321	ug/L	97
50) 1,2-Dibromoethane	8.278	107	123629	27.212	ug/L	99
51) Chlorobenzene	8.809	112	426801	26.416	ug/L	99
52) Ethylbenzene	8.944	91	667390	27.189	ug/L	100
53) m,p-Xylene	9.069	106	271564	28.336	ug/L	99
54) o-Xylene	9.474	106	252564	27.429	ug/L	99
55) Styrene	9.490	104	457109	29.276	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	106930	26.098	ug/L	98
59) Bromoform	9.661	173	103854	25.690	ug/L	99
60) Isopropylbenzene	9.863	105	693428	26.398	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	95151	25.145	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	560071	27.335	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	566976	27.336	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	379801	25.865	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	389574	25.762	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	353214	25.870	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	22855	25.647	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	297195	25.657	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	237860	25.279	ug/L	100
71) Naphthalene	13.435	128	334087	23.868	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	227860	26.839	ug/L	99

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

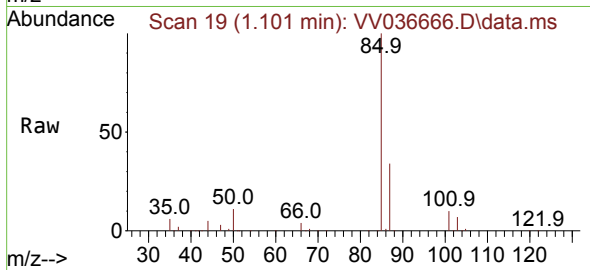
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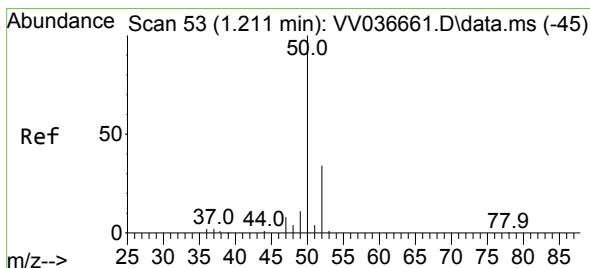
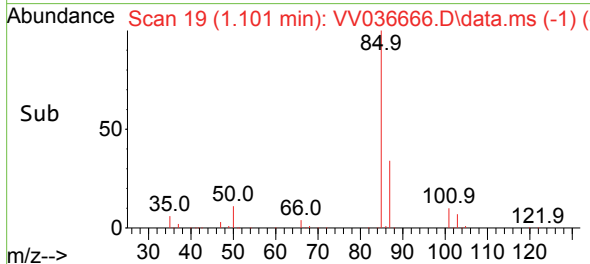
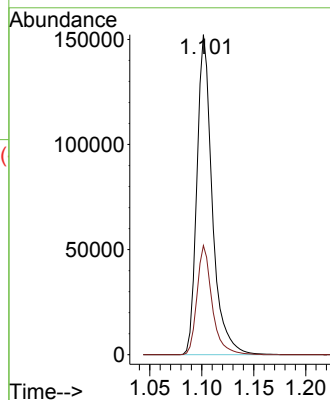


#2
 Dichlorodifluoromethane
 Concen: 26.783 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VV036666.D
 Acq: 24 Jul 2024 11:58

Instrument :
 MSVOA_V
 ClientSampleId :

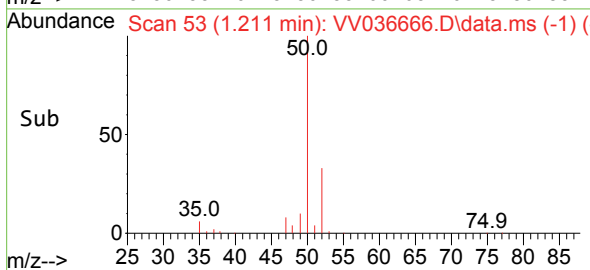
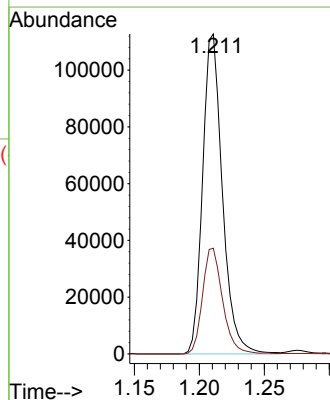
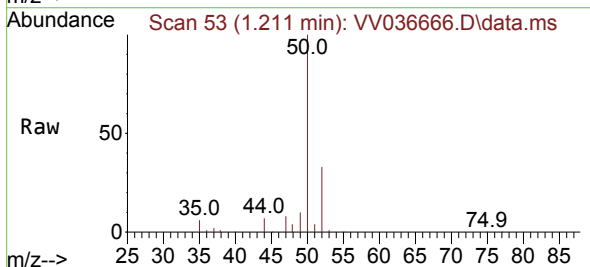


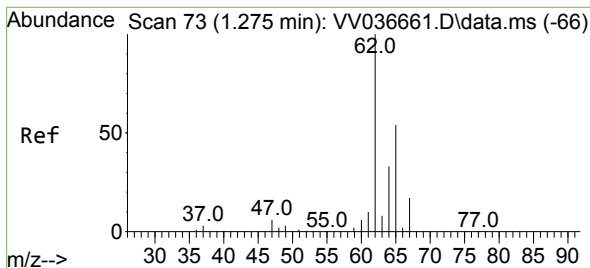
Tgt Ion: 85 Resp: 156867
 Ion Ratio Lower Upper
 85 100
 87 33.6 26.5 39.7



#3
 Chloromethane
 Concen: 26.551 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV036666.D
 Acq: 24 Jul 2024 11:58

Tgt Ion: 50 Resp: 119640
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.3 43.3





#5

Vinyl chloride

Concen: 26.620 ug/L

RT: 1.275 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

Instrument :

MSVOA_V

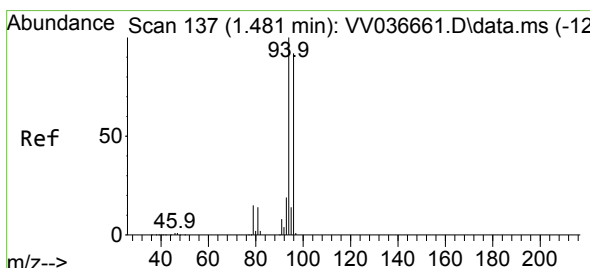
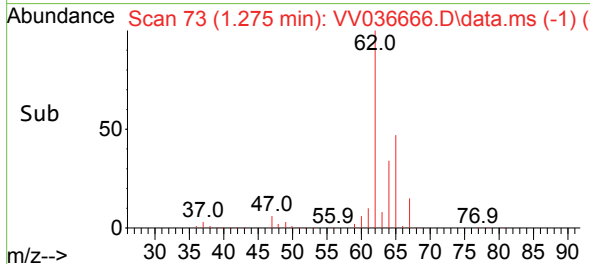
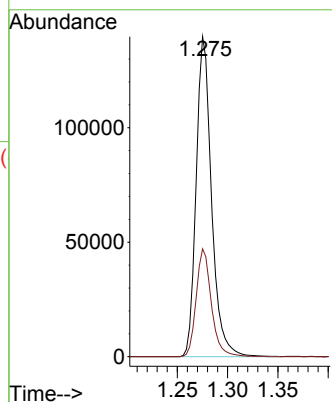
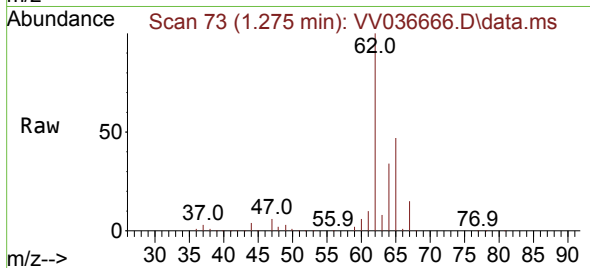
ClientSampleId :

Tgt Ion: 62 Resp: 148337

Ion Ratio Lower Upper

62 100

64 33.7 23.1 42.9



#6

Bromomethane

Concen: 26.987 ug/L

RT: 1.481 min Scan# 137

Delta R.T. 0.000 min

Lab File: VV036666.D

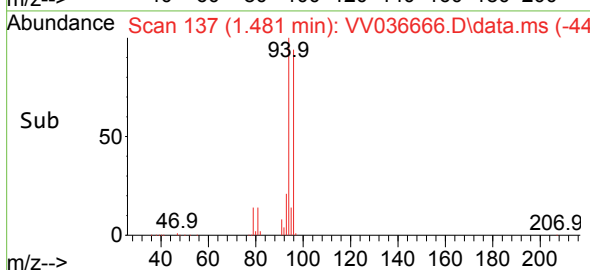
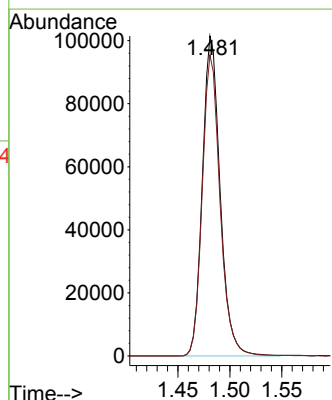
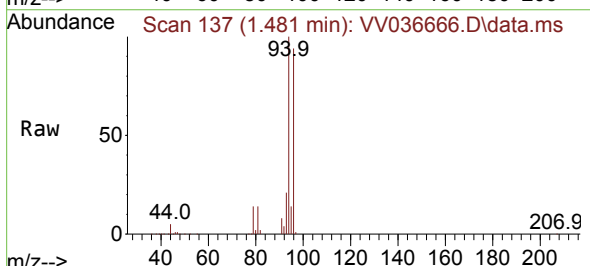
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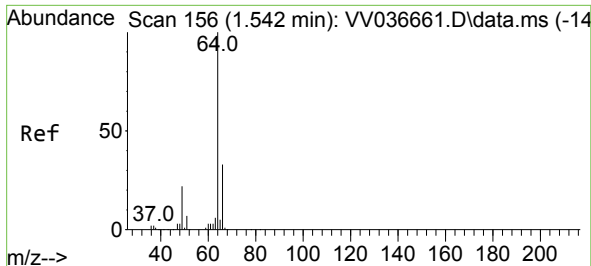
Tgt Ion: 94 Resp: 120237

Ion Ratio Lower Upper

94 100

96 94.0 66.6 123.6

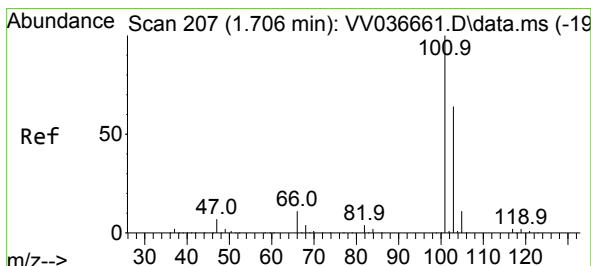
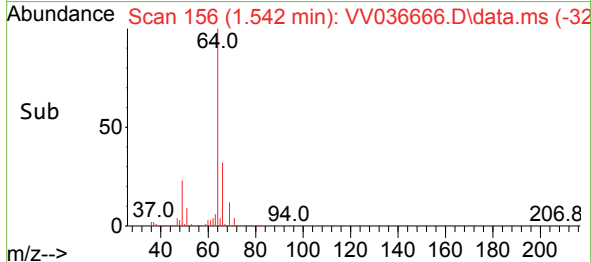
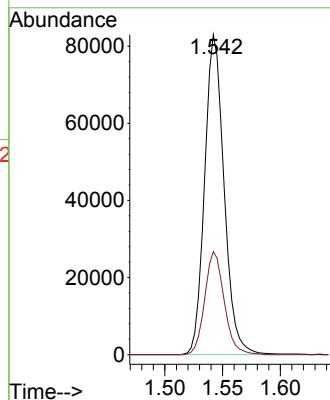
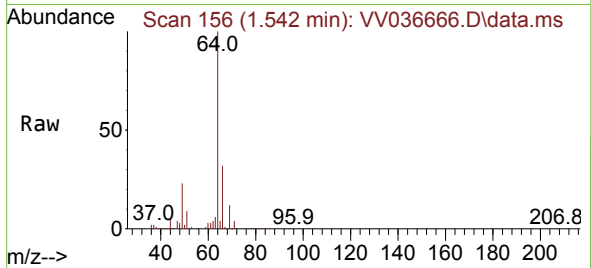




#8
Chloroethane
Concen: 27.004 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

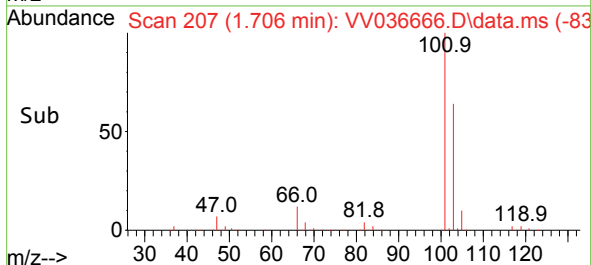
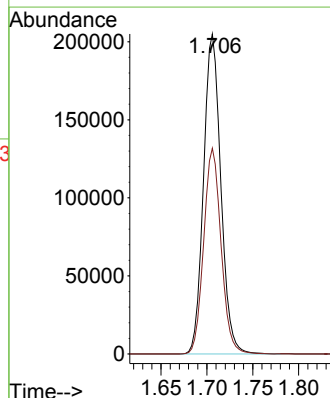
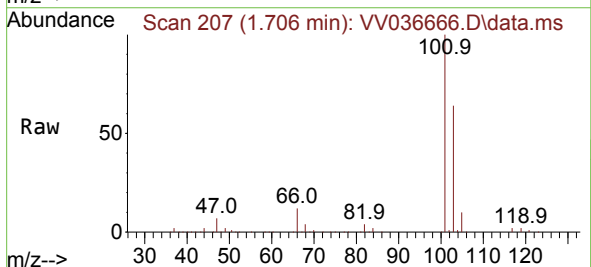
Instrument :
MSVOA_V
ClientSampleId :

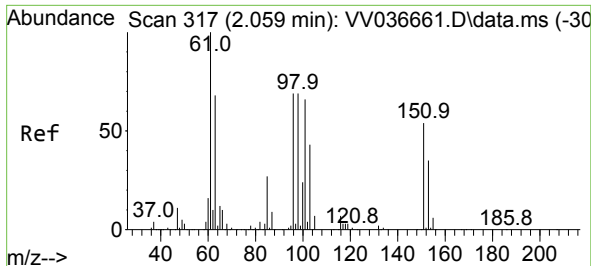
Tgt Ion: 64 Resp: 97518
Ion Ratio Lower Upper
64 100
66 32.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 27.835 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

Tgt Ion:101 Resp: 269317
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.4





#10

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

Concen: 27.722 ug/L

RT: 2.060 min Scan# 317

Delta R.T. 0.000 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

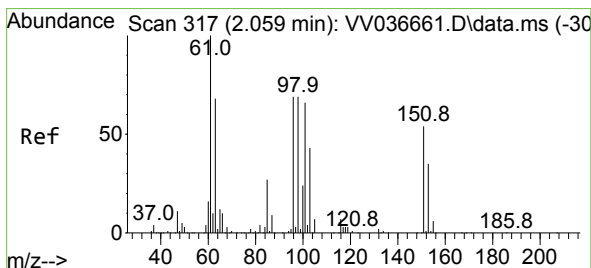
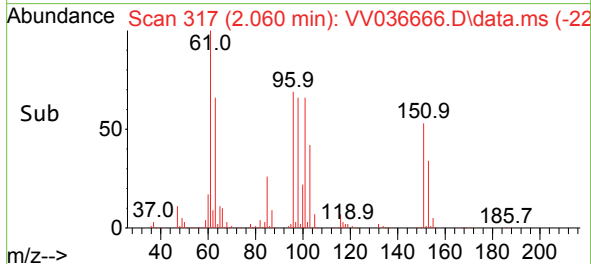
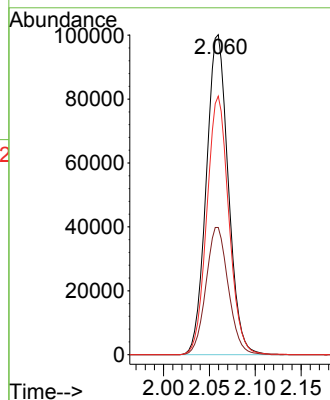
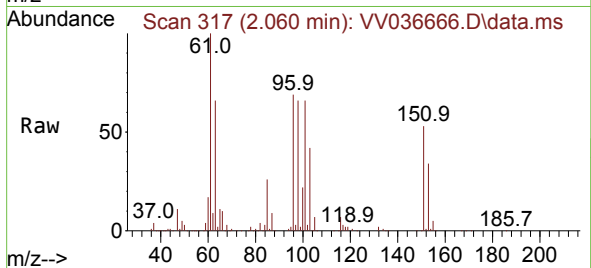
Tgt Ion:101 Resp: 166890

Ion Ratio Lower Upper

101 100

85 40.6 32.4 48.6

151 80.9 64.9 97.3



#12

1,1-Dichloroethene

Concen: 28.057 ug/L

RT: 2.060 min Scan# 317

Delta R.T. 0.000 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

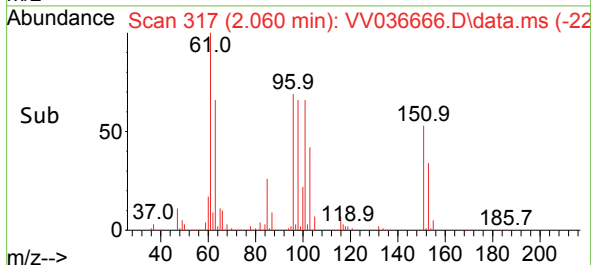
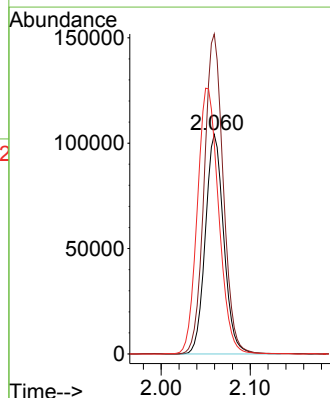
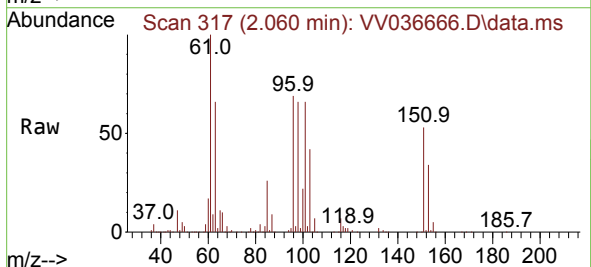
Tgt Ion: 96 Resp: 149481

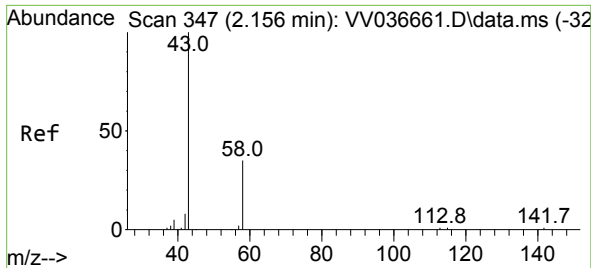
Ion Ratio Lower Upper

96 100

61 145.9 102.3 189.9

63 95.9 64.1 119.1





#13

Acetone

Concen: 45.605 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

Instrument :

MSVOA_V

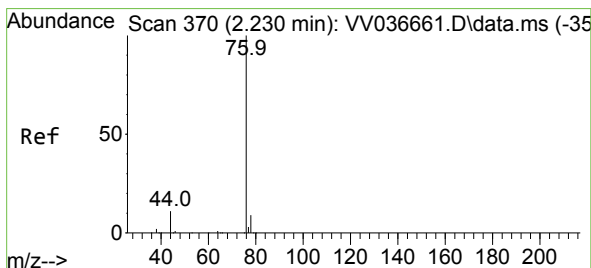
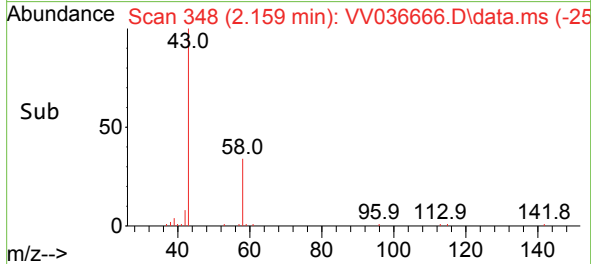
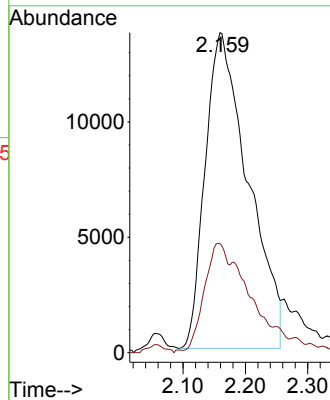
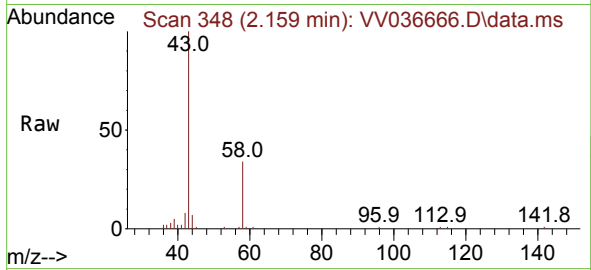
ClientSampleId :

Tgt Ion: 43 Resp: 65396

Ion Ratio Lower Upper

43 100

58 18.5 0.0 23.0



#14

Carbon disulfide

Concen: 27.436 ug/L

RT: 2.230 min Scan# 370

Delta R.T. 0.000 min

Lab File: VV036666.D

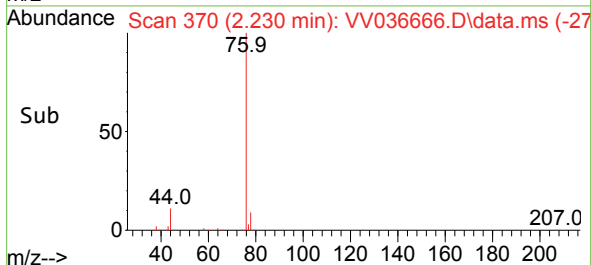
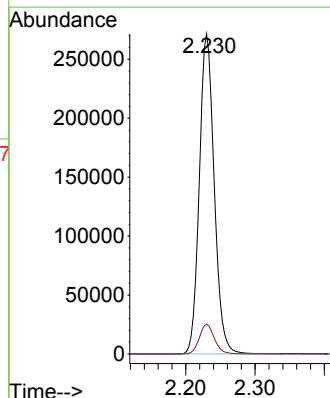
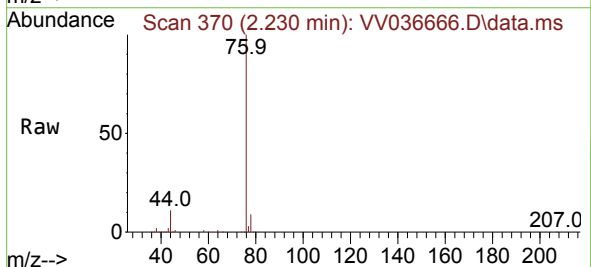
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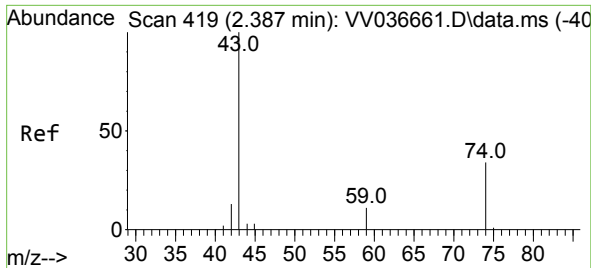
Tgt Ion: 76 Resp: 405699

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

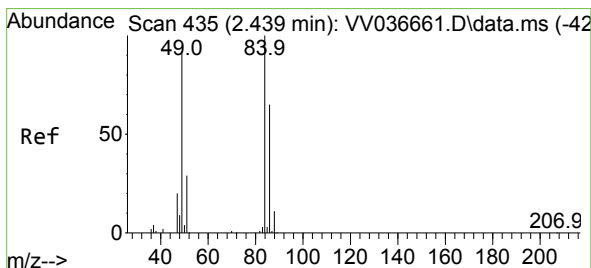
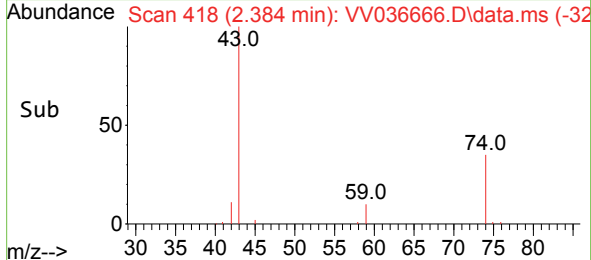
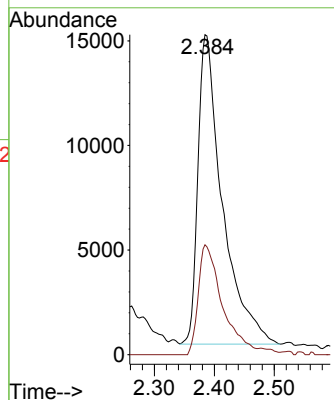
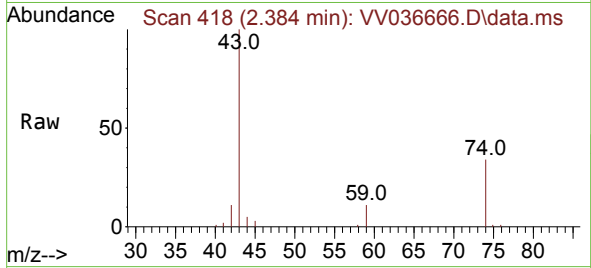




#15
Methyl Acetate
Concen: 25.064 ug/L
RT: 2.384 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

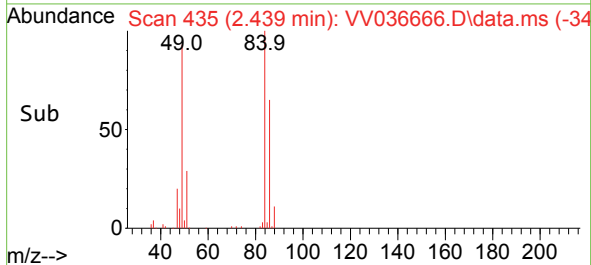
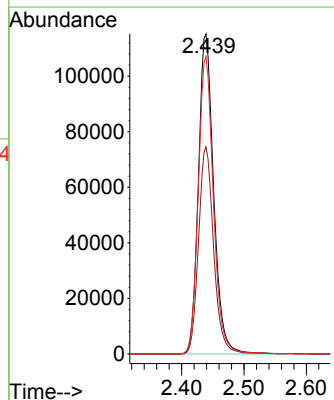
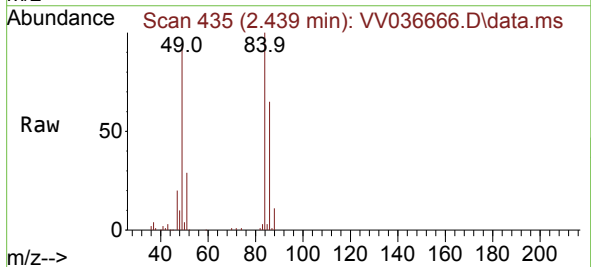
Instrument :
MSVOA_V
ClientSampleId :

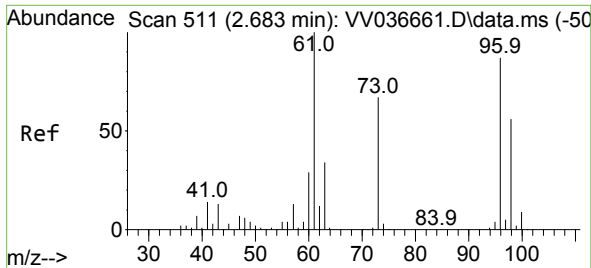
Tgt Ion: 43 Resp: 41931
Ion Ratio Lower Upper
43 100
74 34.9 27.8 41.8



#16
Methylene chloride
Concen: 30.473 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

Tgt Ion: 84 Resp: 195812
Ion Ratio Lower Upper
84 100
86 64.7 47.2 87.6
49 92.9 67.3 125.1





#17

trans-1,2-Dichloroethene

Concen: 26.941 ug/L

RT: 2.683 min Scan# 511

Delta R.T. 0.000 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 144958

Ion Ratio Lower Upper

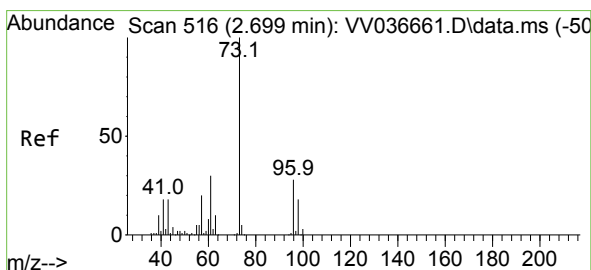
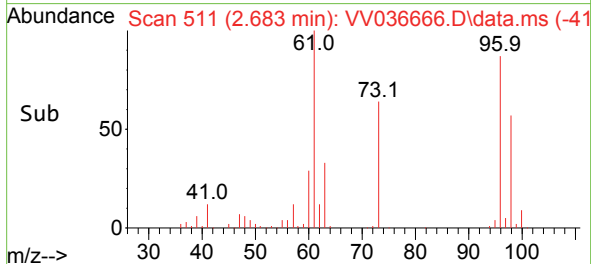
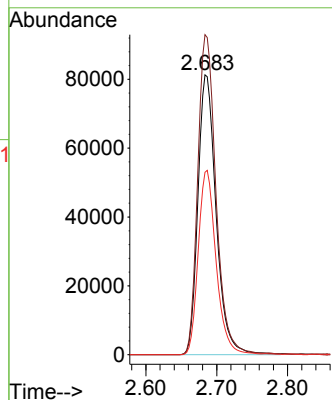
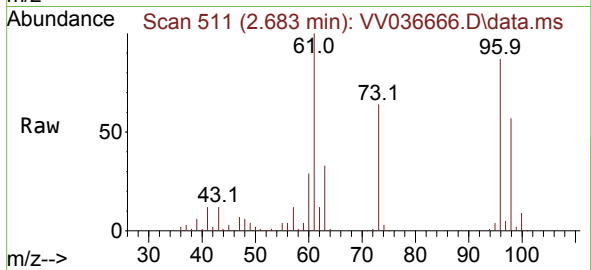
96 100

61 114.4

81.5 151.5

98 65.2

44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 26.495 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

Tgt Ion: 73 Resp: 299007

Ion Ratio Lower Upper

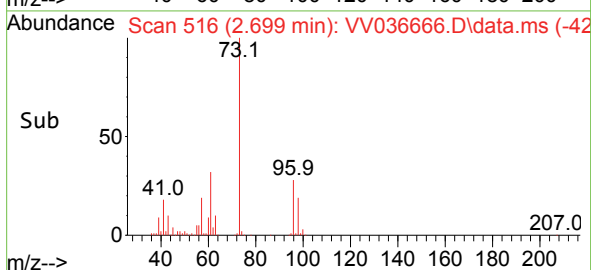
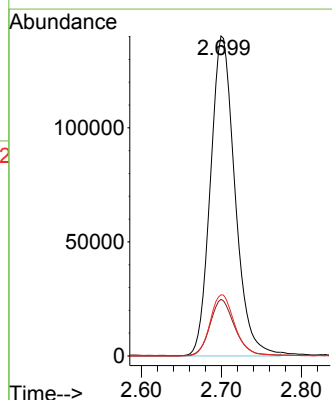
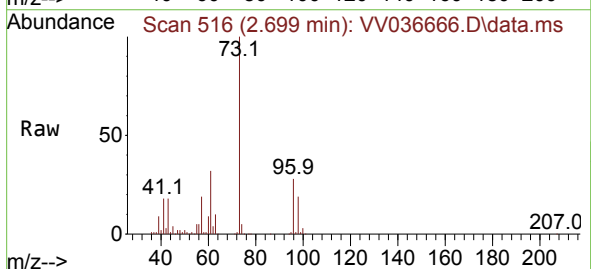
73 100

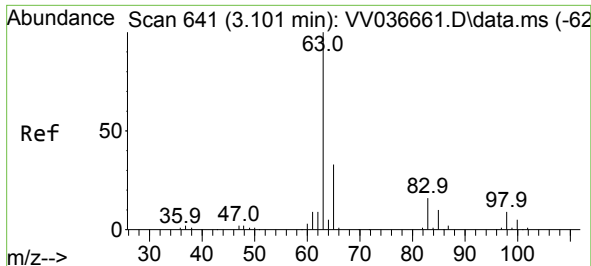
43 17.6

13.8 20.6

57 19.4

15.4 23.2





#19

1,1-Dichloroethane

Concen: 26.884 ug/L

RT: 3.101 min Scan# 641

Delta R.T. 0.000 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

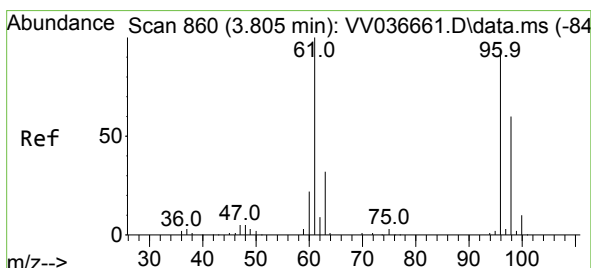
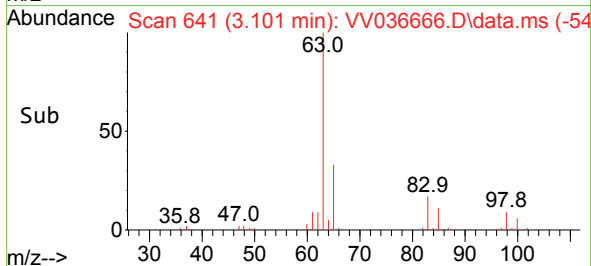
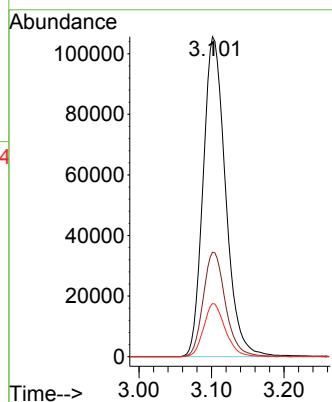
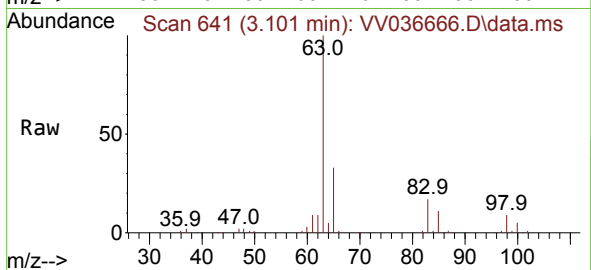
Tgt Ion: 63 Resp: 226948

Ion Ratio Lower Upper

63 100

65 32.6 22.7 42.1

83 16.6 11.1 20.7



#20

cis-1,2-Dichloroethene

Concen: 26.333 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

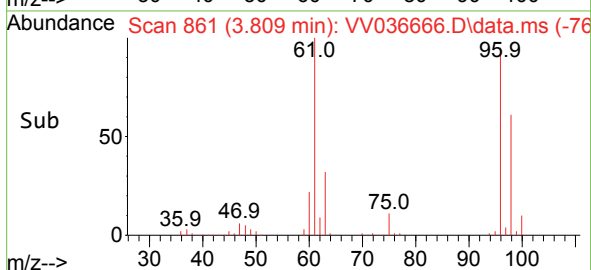
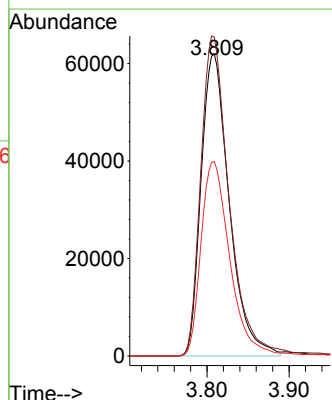
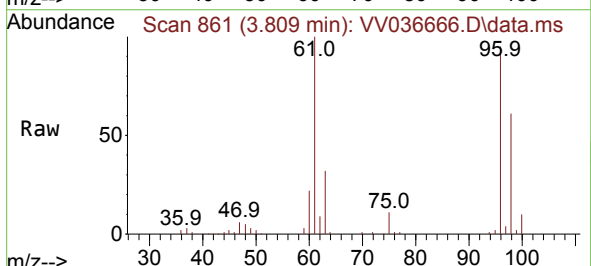
Tgt Ion: 96 Resp: 147973

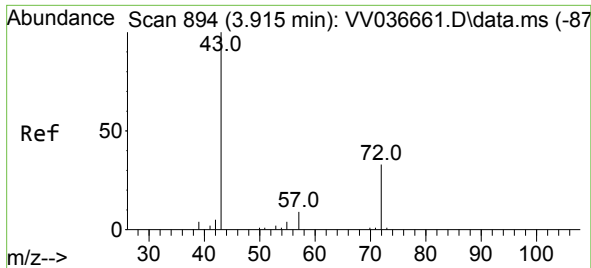
Ion Ratio Lower Upper

96 100

61 105.5 73.0 135.6

98 64.3 44.8 83.2

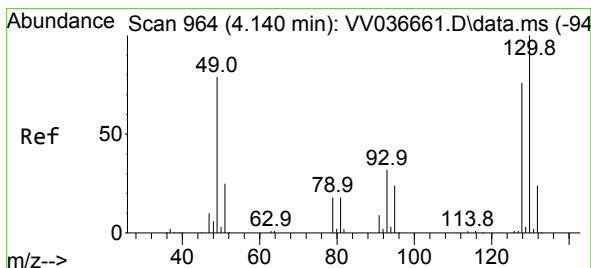
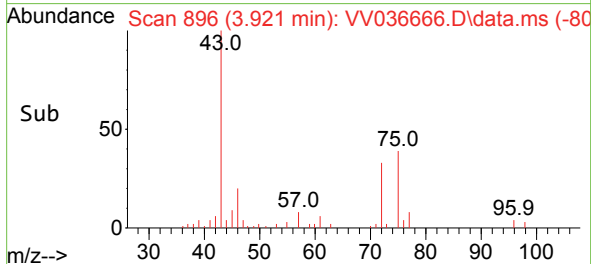
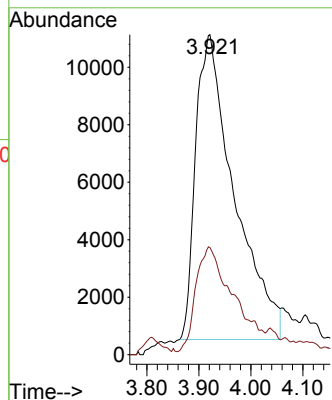
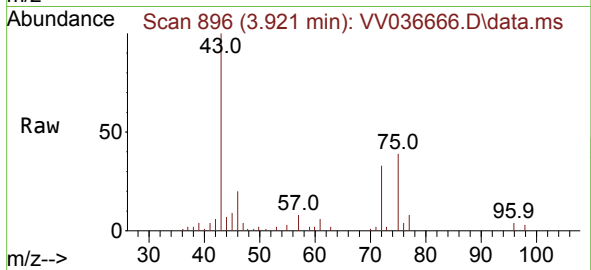




#22
2-Butanone
Concen: 44.892 ug/L
RT: 3.921 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

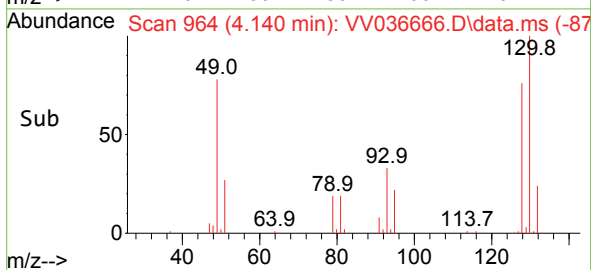
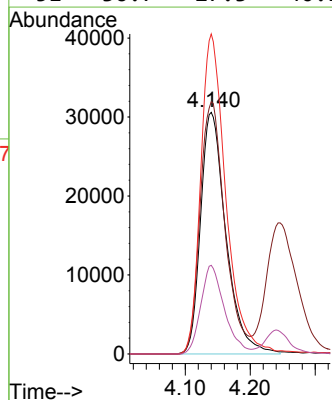
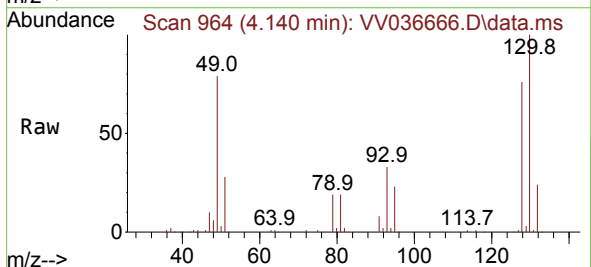
Instrument :
MSVOA_V
ClientSampleId :

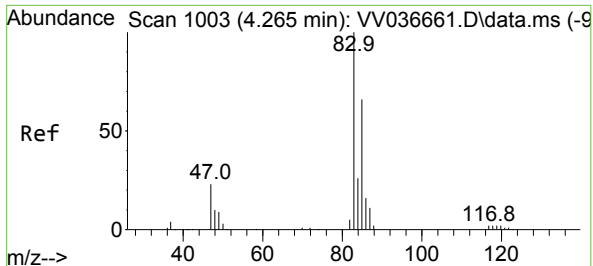
Tgt Ion: 43 Resp: 54644
Ion Ratio Lower Upper
43 100
72 24.9 15.2 45.5



#23
Bromochloromethane
Concen: 27.793 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

Tgt Ion: 128 Resp: 82998
Ion Ratio Lower Upper
128 100
49 104.4 74.4 138.2
130 132.4 88.6 164.6
51 36.7 27.3 40.9

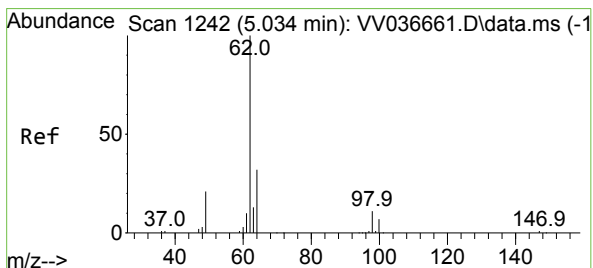
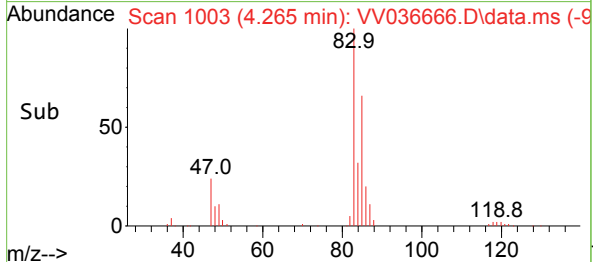
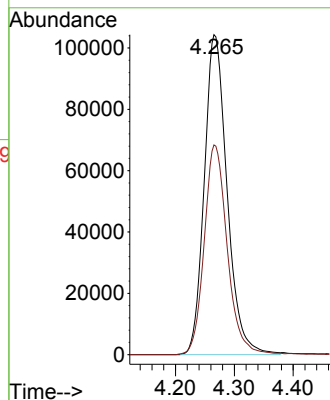
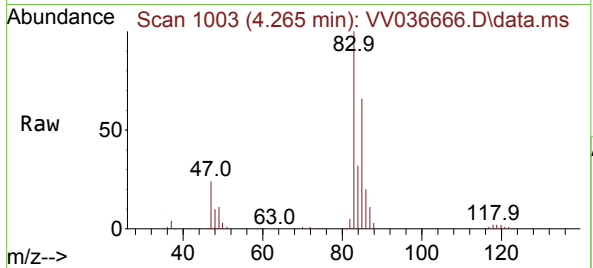




#25
Chloroform
Concen: 27.615 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

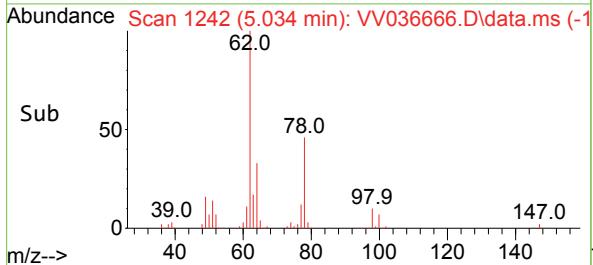
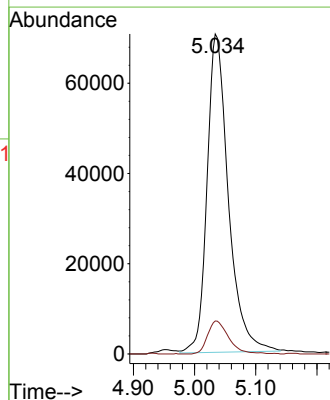
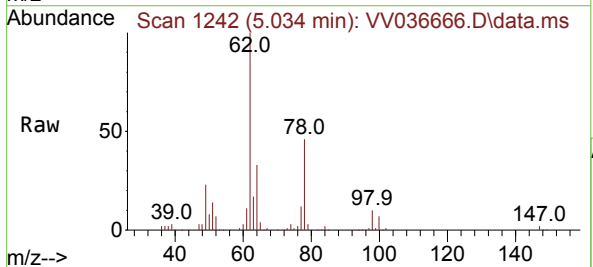
Instrument :
MSVOA_V
ClientSampleId :

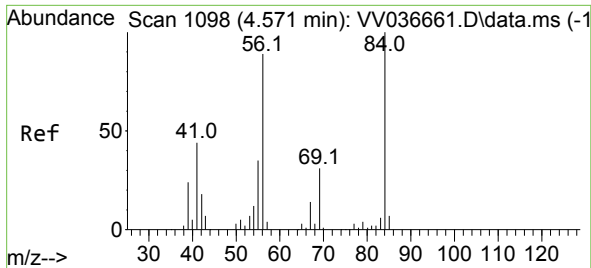
Tgt Ion: 83 Resp: 281392
Ion Ratio Lower Upper
83 100
85 65.6 45.6 84.6



#27
1,2-Dichloroethane
Concen: 27.982 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

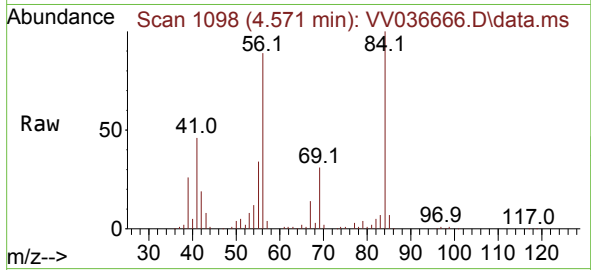
Tgt Ion: 62 Resp: 171096
Ion Ratio Lower Upper
62 100
98 10.3 9.0 13.6



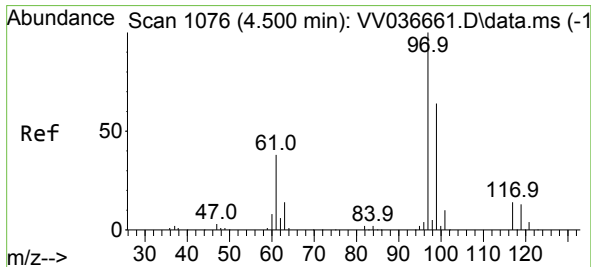
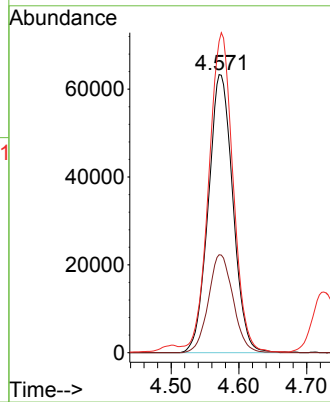
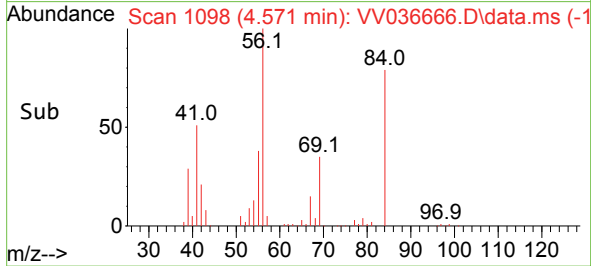


#29
Cyclohexane
Concen: 25.198 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

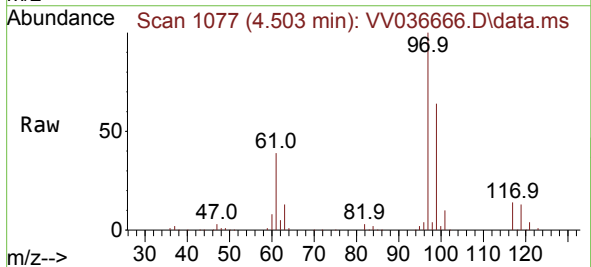
Instrument :
MSVOA_V
ClientSampleId :



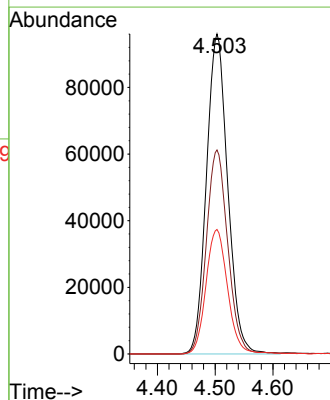
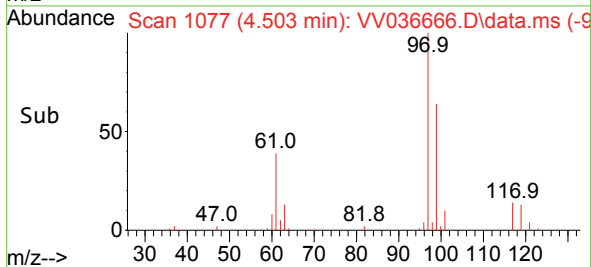
Tgt Ion: 56 Resp: 159380
Ion Ratio Lower Upper
56 100
69 35.4 28.5 42.7
84 112.9 88.6 132.8

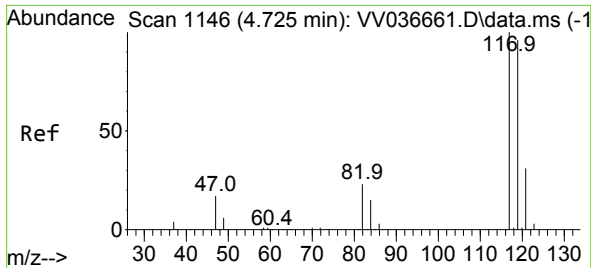


#30
1,1,1-Trichloroethane
Concen: 26.788 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58



Tgt Ion: 97 Resp: 245871
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 39.3 31.9 47.9

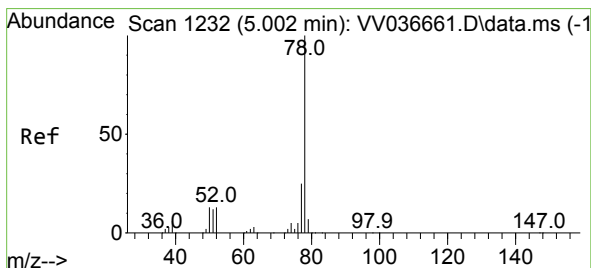
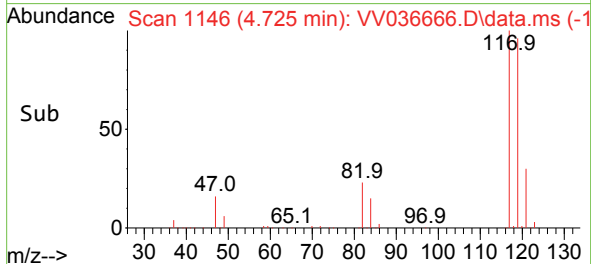
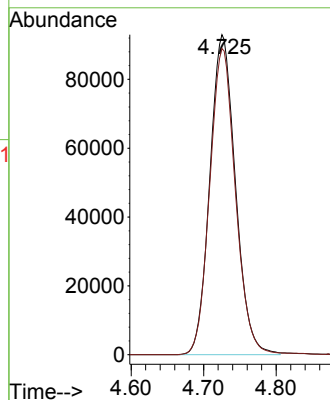
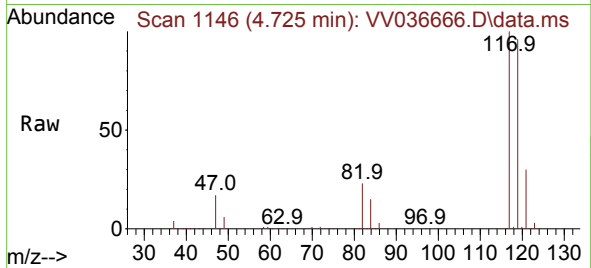




#31
Carbon tetrachloride
Concen: 26.582 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

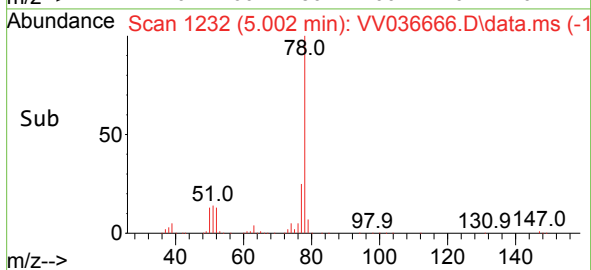
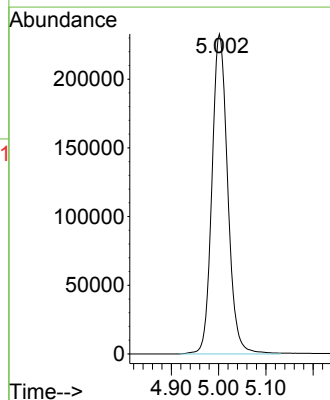
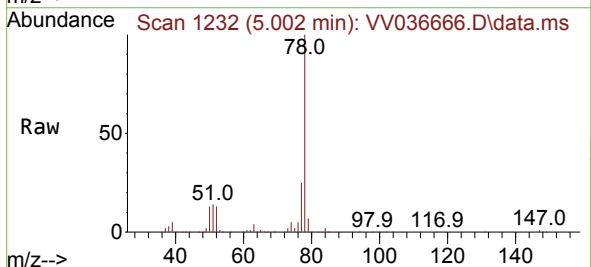
Instrument :
MSVOA_V
ClientSampleId :

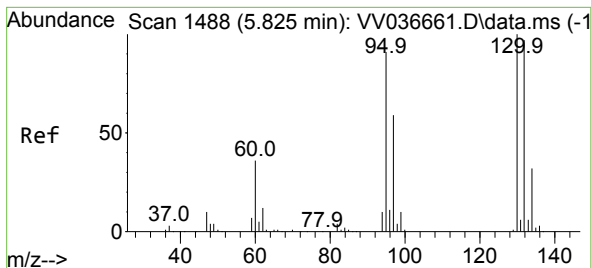
Tgt Ion:117 Resp: 227946
Ion Ratio Lower Upper
117 100
119 96.2 76.6 115.0



#33
Benzene
Concen: 26.801 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

Tgt Ion: 78 Resp: 539975





#34

Trichloroethene

Concen: 26.281 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 173280

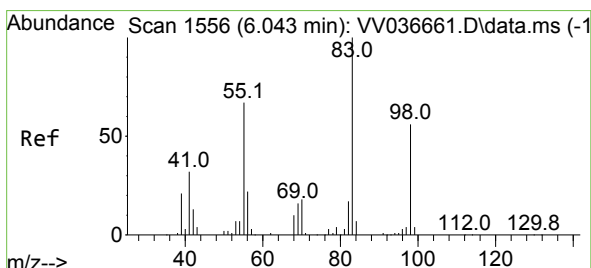
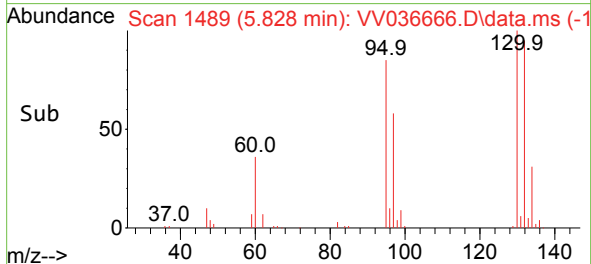
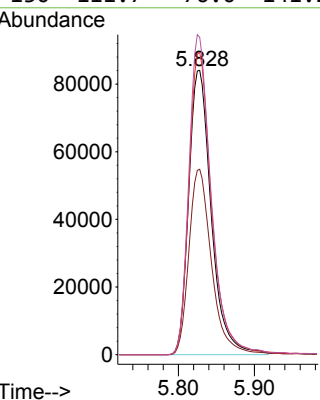
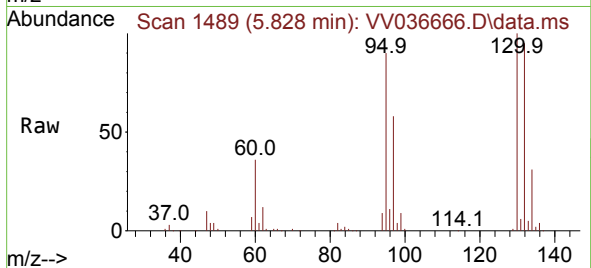
Ion Ratio Lower Upper

95 100

97 65.3 45.1 83.7

132 106.3 72.7 134.9

130 111.7 76.0 141.2



#35

Methylcyclohexane

Concen: 26.173 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

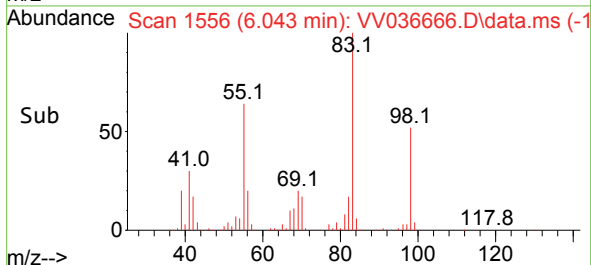
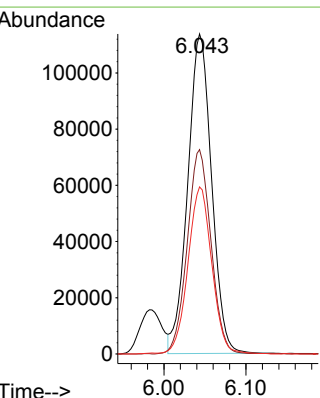
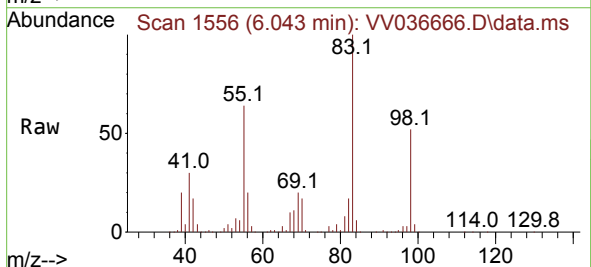
Tgt Ion: 83 Resp: 229779

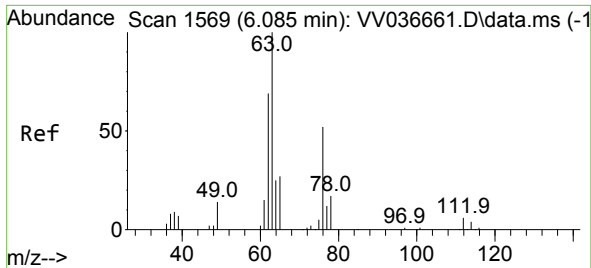
Ion Ratio Lower Upper

83 100

55 63.7 50.8 76.2

98 52.4 41.3 61.9





#37

1,2-Dichloropropane

Concen: 26.844 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

Instrument :

MSVOA_V

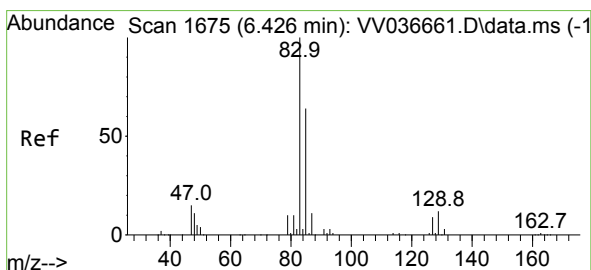
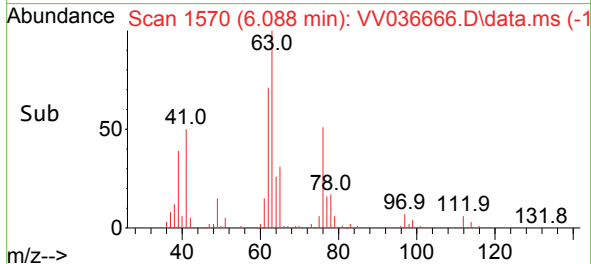
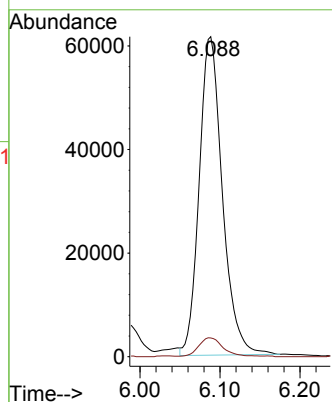
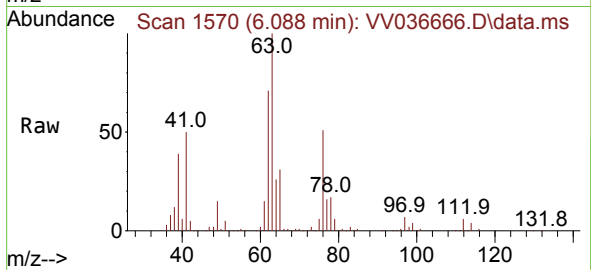
ClientSampleId :

Tgt Ion: 63 Resp: 124469

Ion Ratio Lower Upper

63 100

112 5.9 4.8 7.2



#38

Bromodichloromethane

Concen: 26.288 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

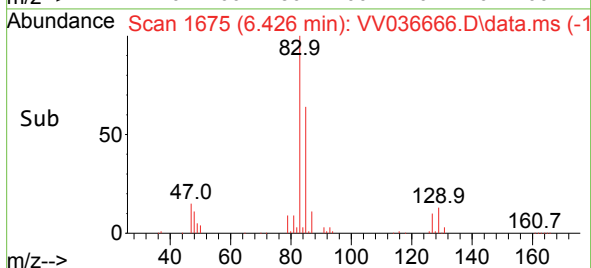
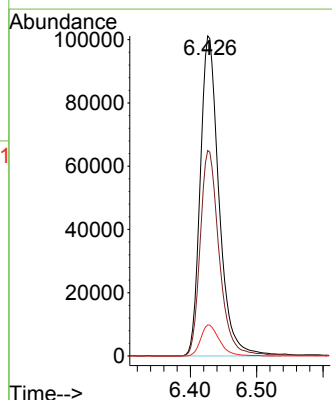
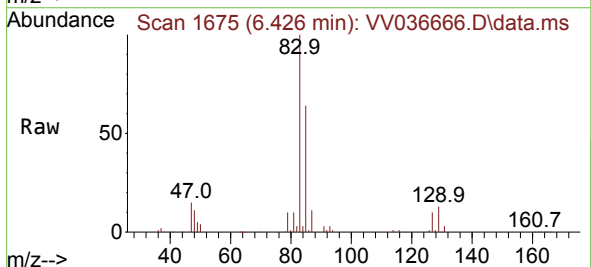
Tgt Ion: 83 Resp: 198736

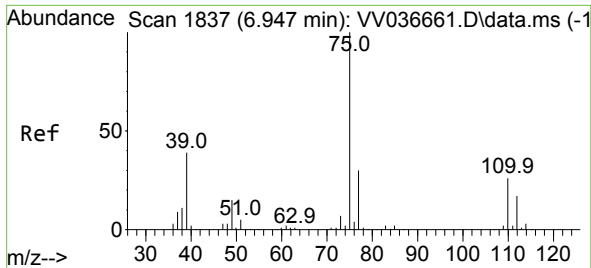
Ion Ratio Lower Upper

83 100

85 64.2 44.6 82.8

127 9.7 7.8 11.6

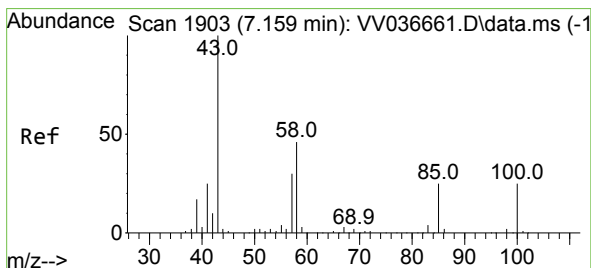
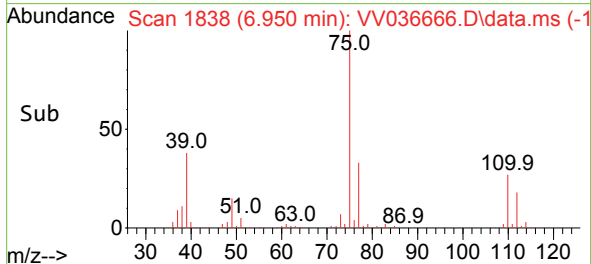
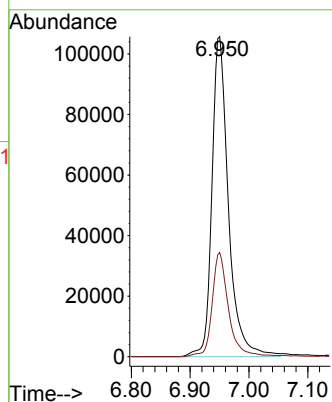
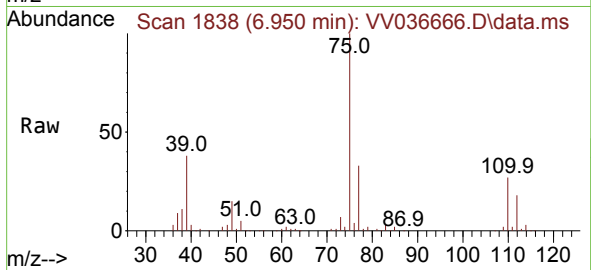




#39
 cis-1,3-Dichloropropene
 Concen: 27.088 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.003 min
 Lab File: VV036666.D
 Acq: 24 Jul 2024 11:58

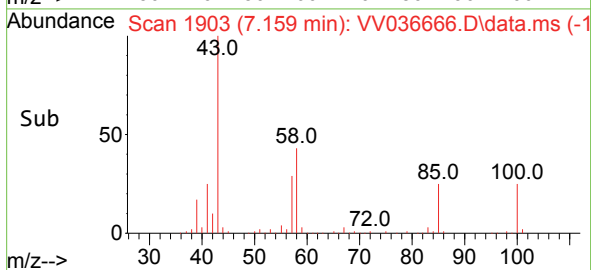
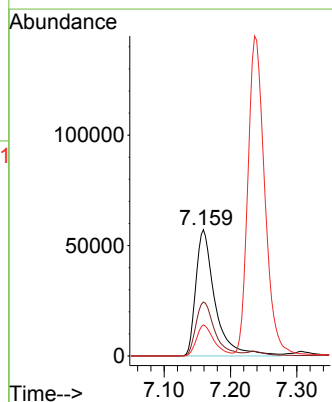
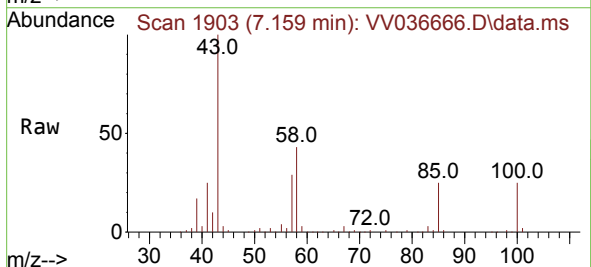
Instrument :
 MSVOA_V
 ClientSampleId :

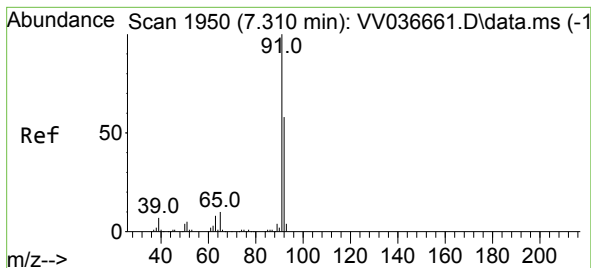
Tgt Ion: 75 Resp: 206227
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 53.224 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VV036666.D
 Acq: 24 Jul 2024 11:58

Tgt Ion: 43 Resp: 115237
 Ion Ratio Lower Upper
 43 100
 58 42.1 36.6 54.8
 100 22.7 18.2 27.4





#42

Toluene

Concen: 27.752 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

Instrument :

MSVOA_V

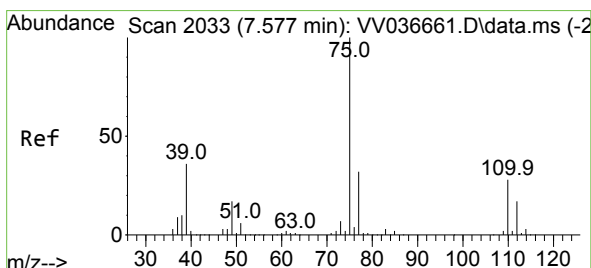
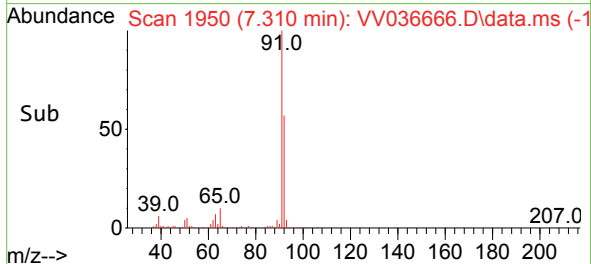
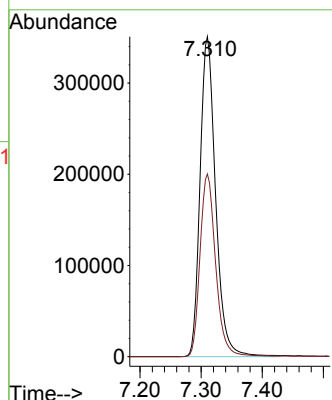
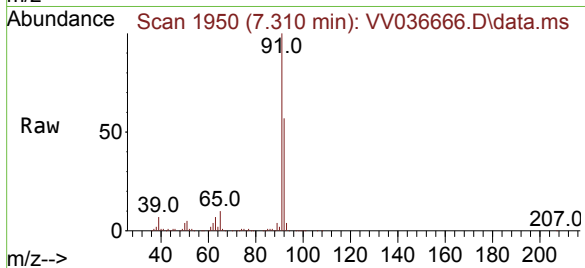
ClientSampleId :

Tgt Ion: 91 Resp: 619293

Ion Ratio Lower Upper

91 100

92 57.1 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 27.241 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036666.D

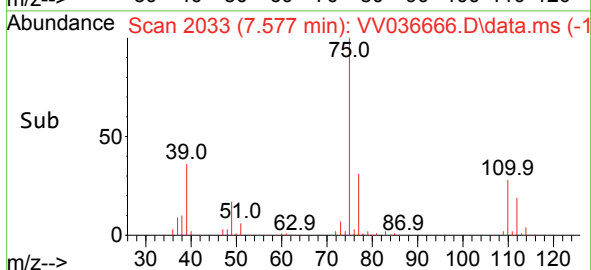
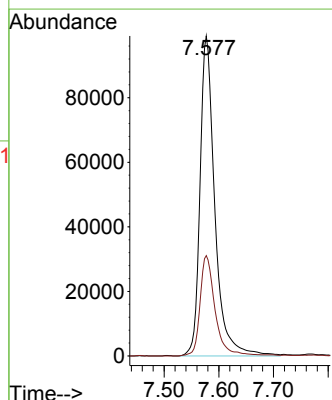
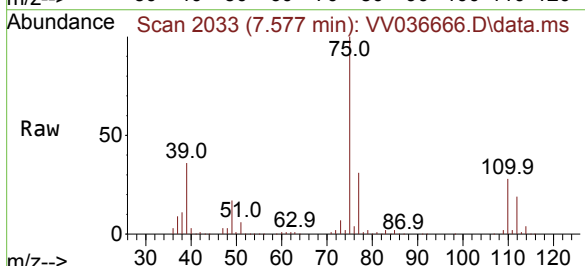
Acq: 24 Jul 2024 11:58

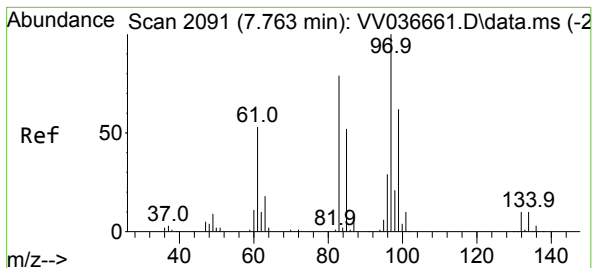
Tgt Ion: 75 Resp: 186250

Ion Ratio Lower Upper

75 100

77 31.4 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 26.975 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. 0.000 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 121983

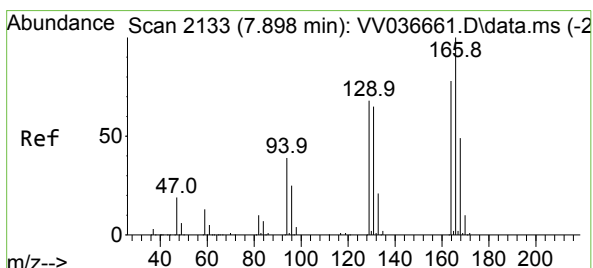
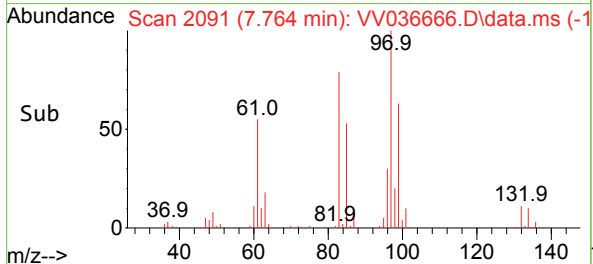
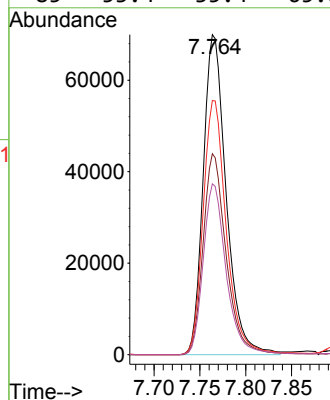
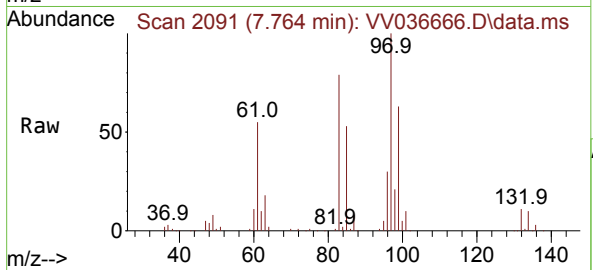
Ion Ratio Lower Upper

97 100

99 62.8 43.5 80.7

83 79.4 55.4 103.0

85 53.4 35.4 65.8



#46

Tetrachloroethene

Concen: 23.599 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

Tgt Ion:164 Resp: 154398

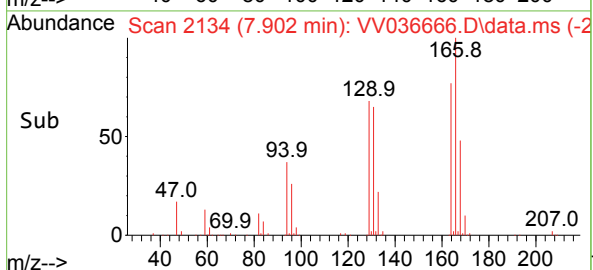
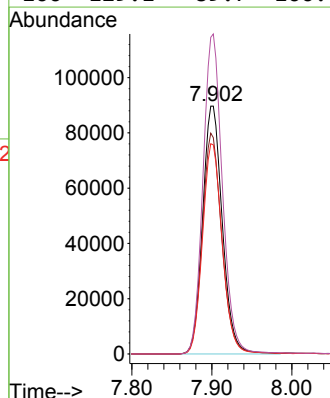
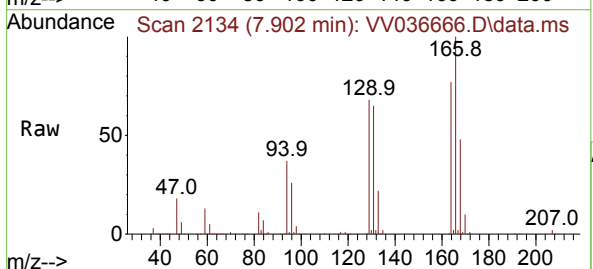
Ion Ratio Lower Upper

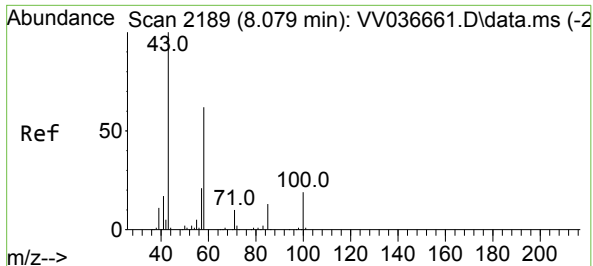
164 100

129 87.2 61.0 113.2

131 84.3 60.1 111.5

166 129.1 89.7 166.7

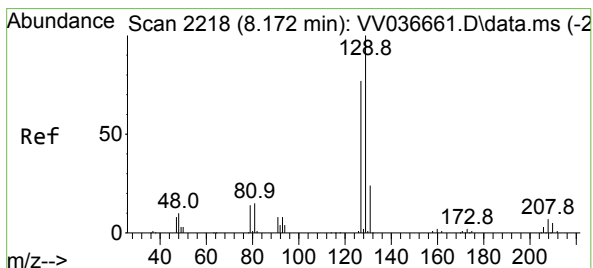
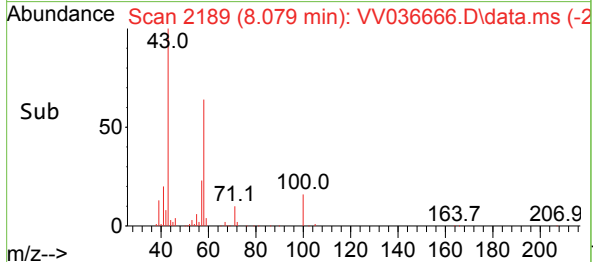
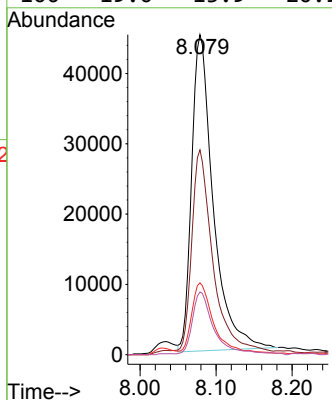
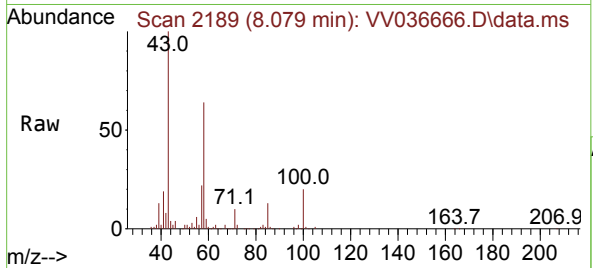




#48
2-Hexanone
Concen: 52.267 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

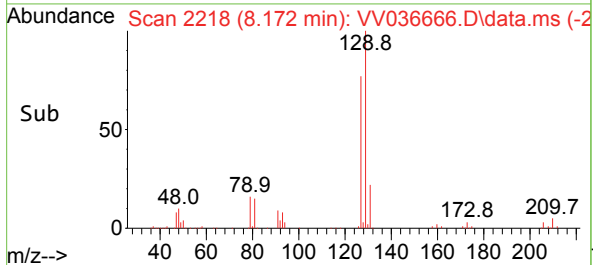
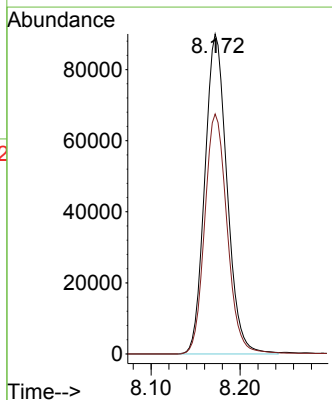
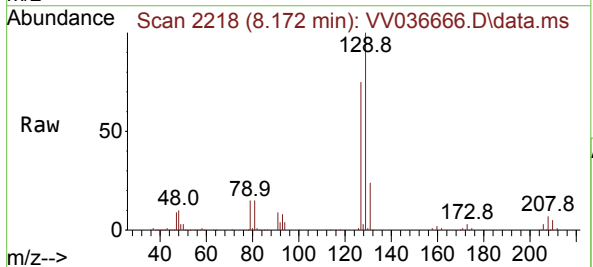
Instrument :
MSVOA_V
ClientSampleId :

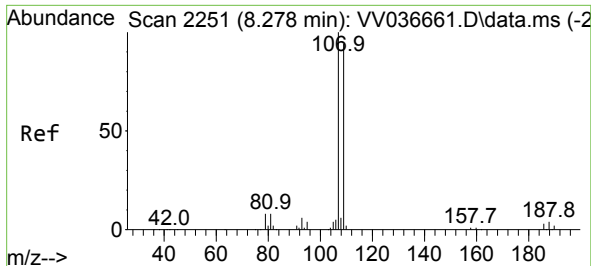
Tgt Ion:	43	Resp:	88728
Ion	Ratio	Lower	Upper
43	100		
58	62.6	50.6	75.8
57	20.9	17.7	26.5
100	19.0	13.9	20.9



#49
Dibromochloromethane
Concen: 27.321 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

Tgt Ion:	129	Resp:	155656
Ion	Ratio	Lower	Upper
129	100		
127	75.0	54.3	100.9





#50

1,2-Dibromoethane

Concen: 27.212 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

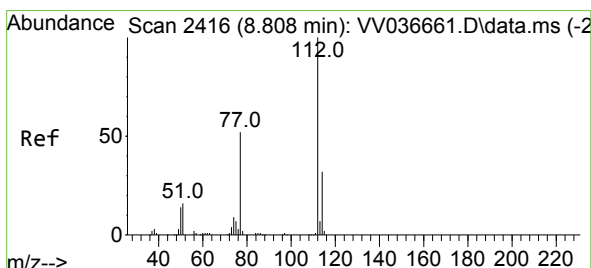
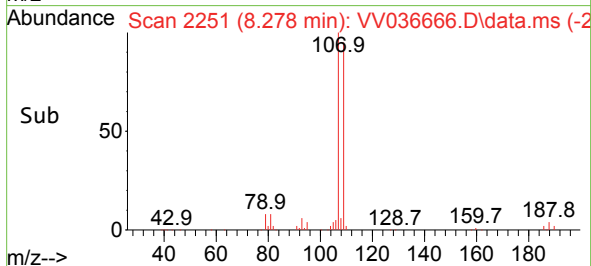
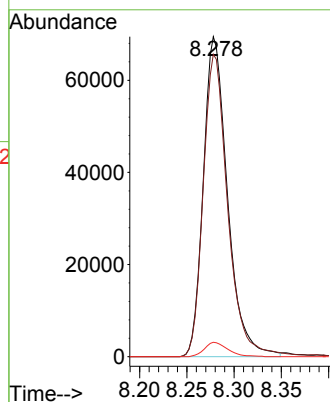
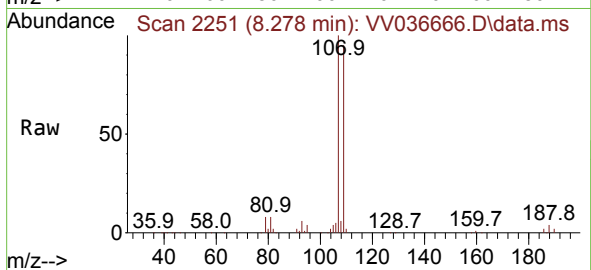
Tgt Ion:107 Resp: 123629

Ion Ratio Lower Upper

107 100

109 94.5 65.5 121.6

188 4.5 3.4 5.2



#51

Chlorobenzene

Concen: 26.416 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. 0.000 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

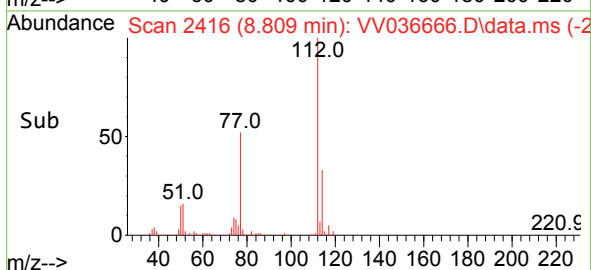
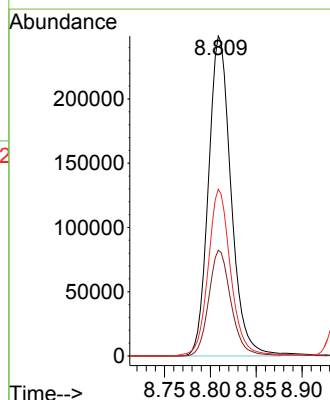
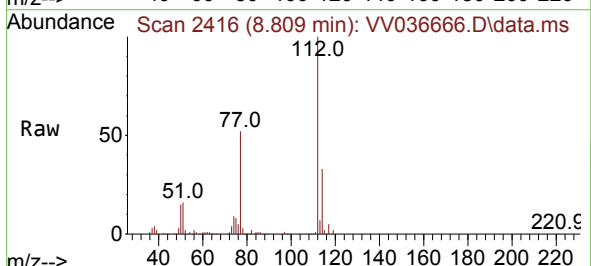
Tgt Ion:112 Resp: 426801

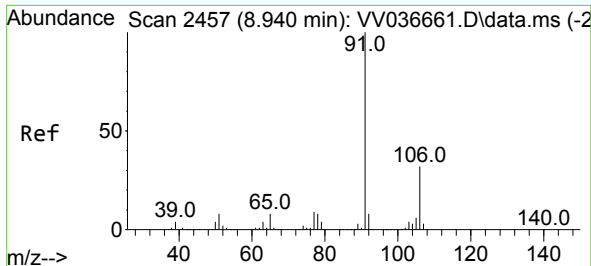
Ion Ratio Lower Upper

112 100

114 33.1 22.5 41.7

77 52.1 41.9 62.9





#52

Ethylbenzene

Concen: 27.189 ug/L

RT: 8.944 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

Instrument :

MSVOA_V

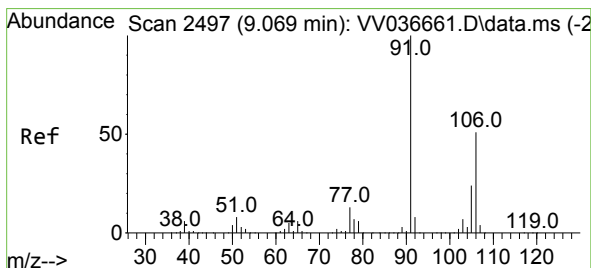
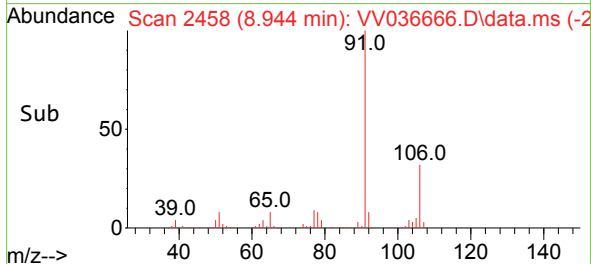
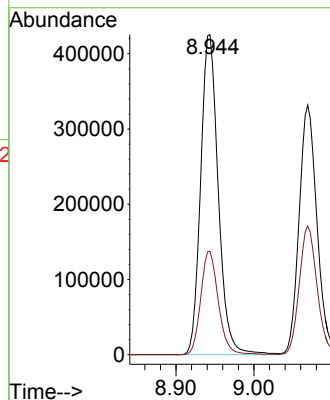
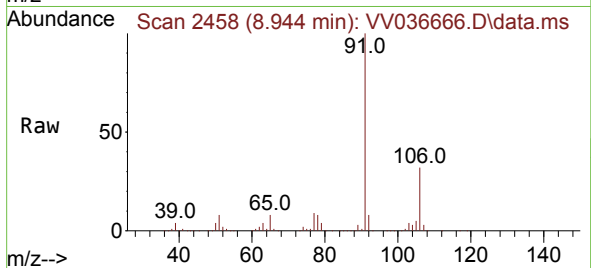
ClientSampleId :

Tgt Ion: 91 Resp: 667390

Ion Ratio Lower Upper

91 100

106 32.2 22.5 41.7



#53

m,p-Xylene

Concen: 28.336 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV036666.D

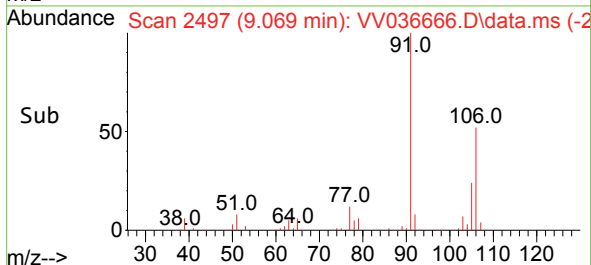
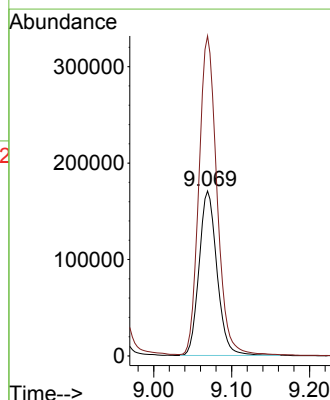
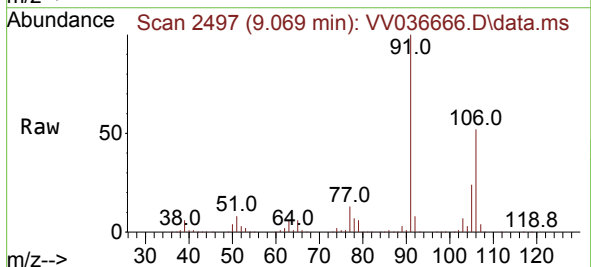
Acq: 24 Jul 2024 11:58

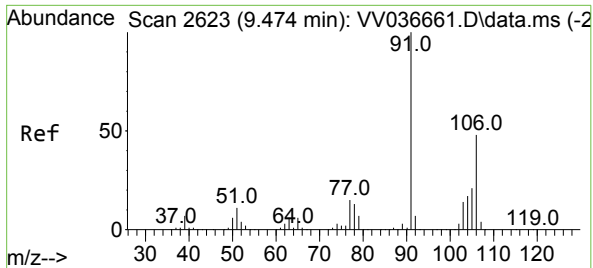
Tgt Ion:106 Resp: 271564

Ion Ratio Lower Upper

106 100

91 194.0 136.8 254.0

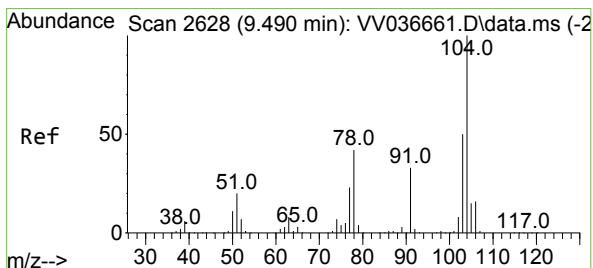
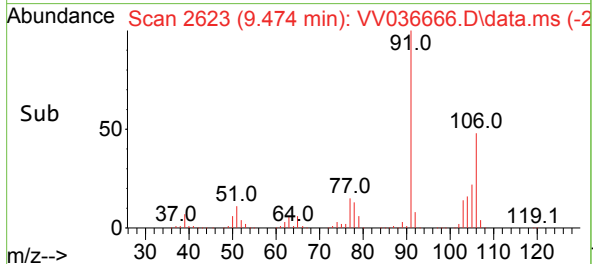
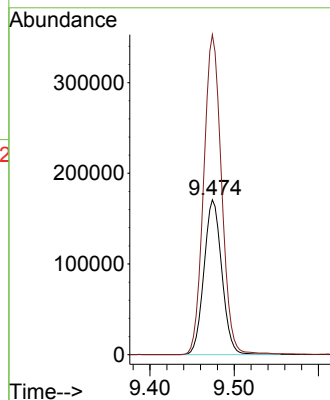
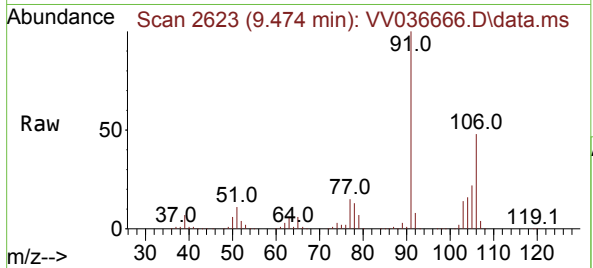




#54
o-Xylene
Concen: 27.429 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

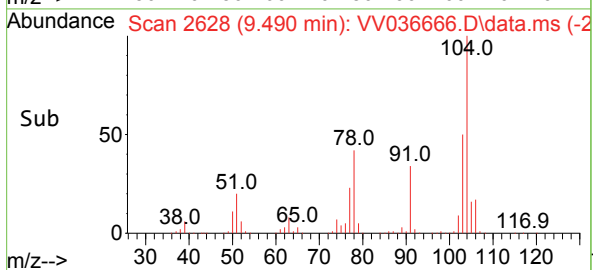
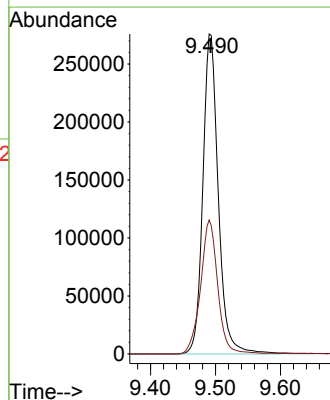
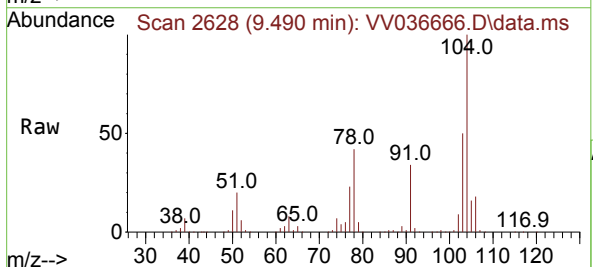
Instrument :
MSVOA_V
ClientSampleId :

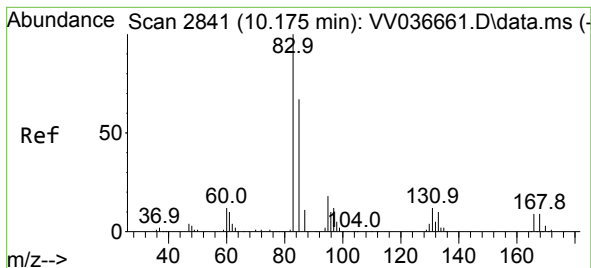
Tgt Ion:106 Resp: 252564
Ion Ratio Lower Upper
106 100
91 206.6 146.1 271.3



#55
Styrene
Concen: 29.276 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

Tgt Ion:104 Resp: 457109
Ion Ratio Lower Upper
104 100
78 41.9 29.7 55.1

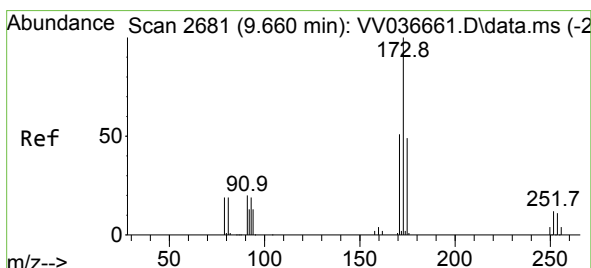
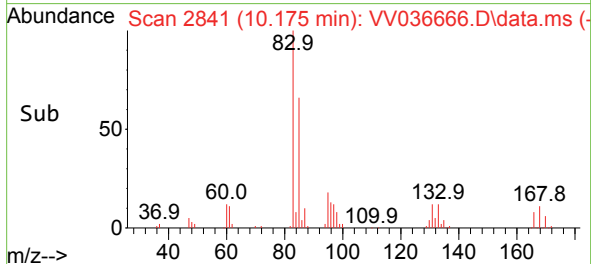
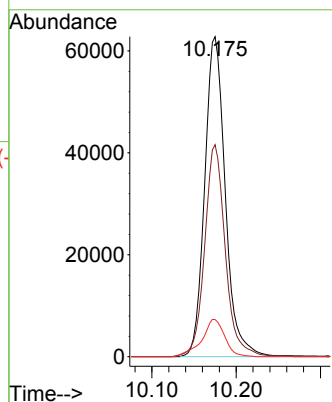
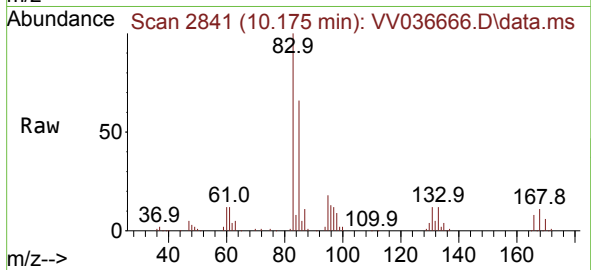




#57
1,1,2,2-Tetrachloroethane
Concen: 26.098 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

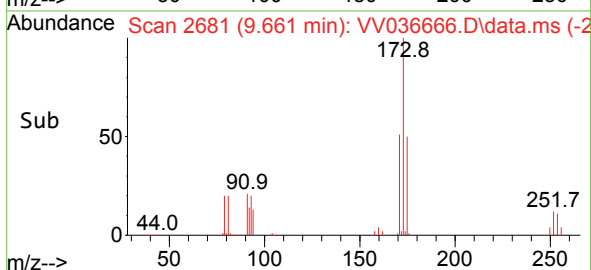
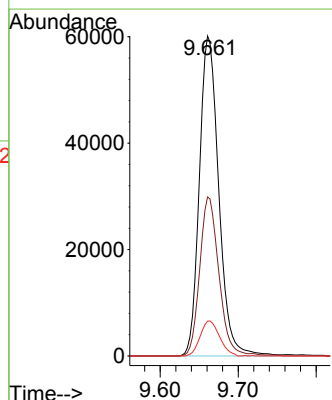
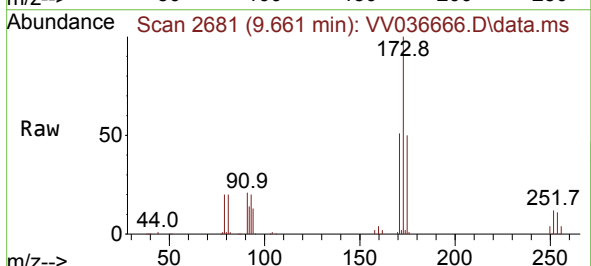
Instrument : MSVOA_V
ClientSampleId :

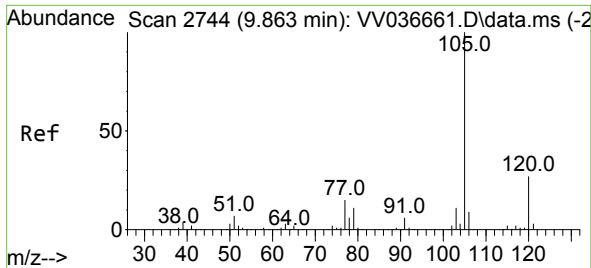
Tgt Ion: 83 Resp: 106930
Ion Ratio Lower Upper
83 100
85 66.3 44.9 83.3
131 11.6 9.3 13.9



#59
Bromoform
Concen: 25.690 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

Tgt Ion: 173 Resp: 103854
Ion Ratio Lower Upper
173 100
175 48.8 39.6 59.4
254 10.9 8.2 12.4

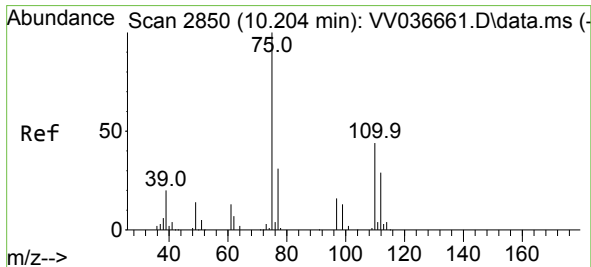
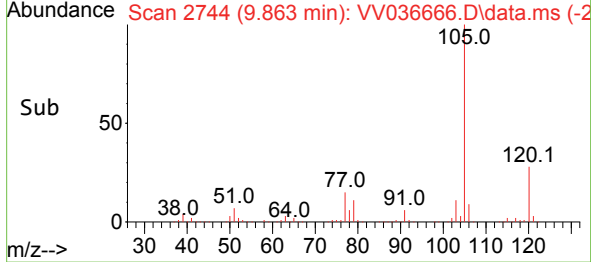
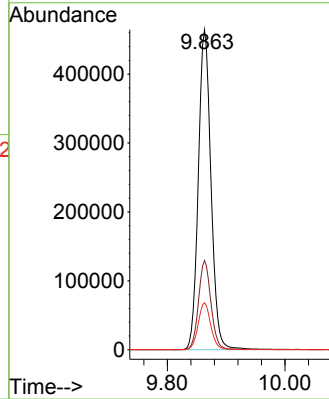
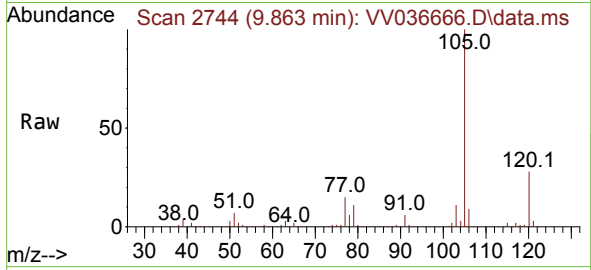




#60
Isopropylbenzene
Concen: 26.398 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

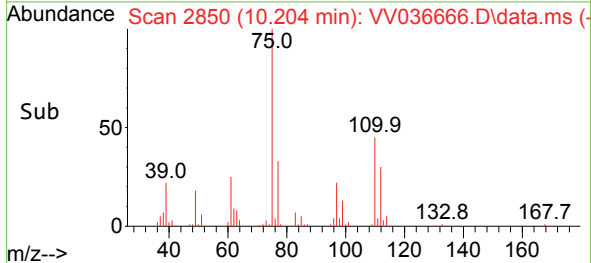
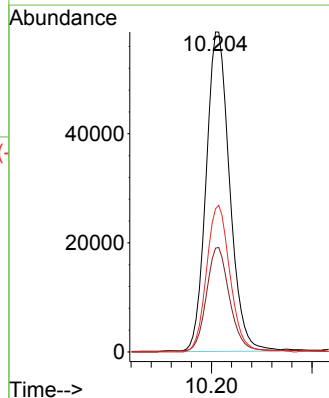
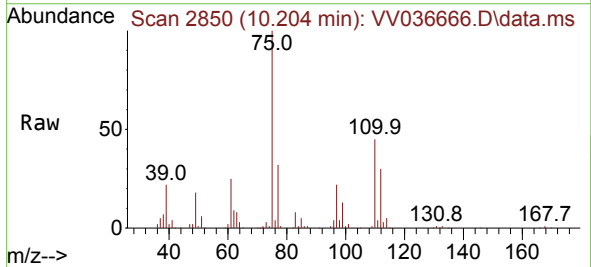
Instrument :
MSVOA_V
ClientSampleId :

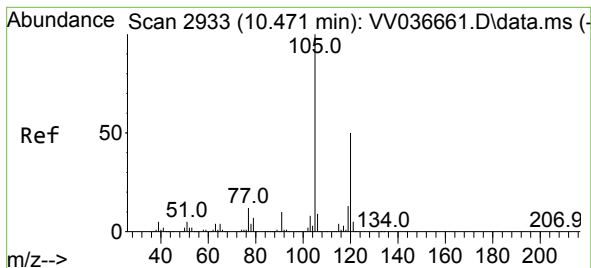
Tgt Ion:105 Resp: 693428
Ion Ratio Lower Upper
105 100
120 27.4 22.1 33.1
77 14.5 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 25.145 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

Tgt Ion: 75 Resp: 95151
Ion Ratio Lower Upper
75 100
77 31.6 25.9 38.9
110 46.1 36.2 54.4





#62

1,3,5-Trimethylbenzene

Concen: 27.335 ug/L

RT: 10.474 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

Instrument :

MSVOA_V

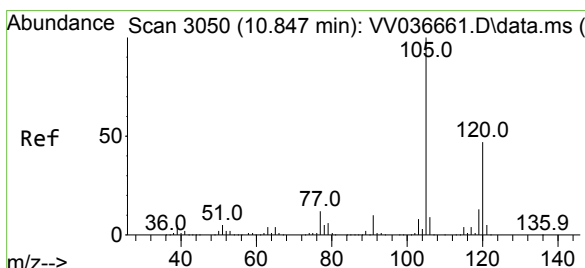
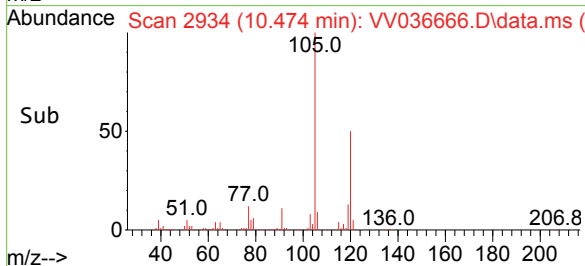
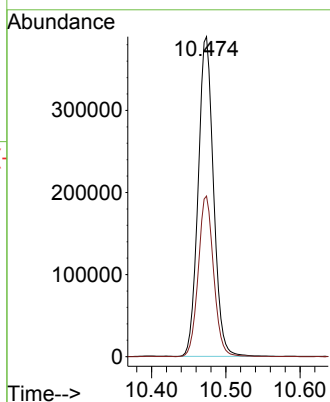
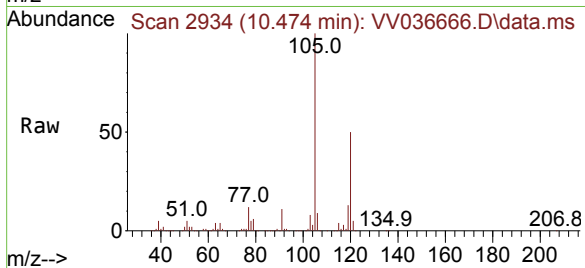
ClientSampleId :

Tgt Ion:105 Resp: 560071

Ion Ratio Lower Upper

105 100

120 50.4 39.8 59.8



#63

1,2,4-Trimethylbenzene

Concen: 27.336 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV036666.D

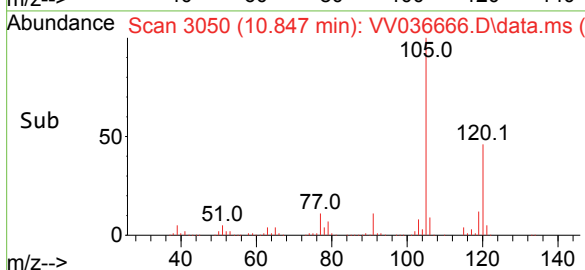
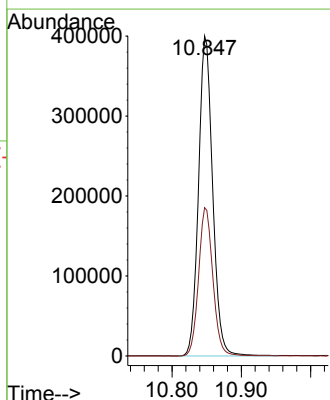
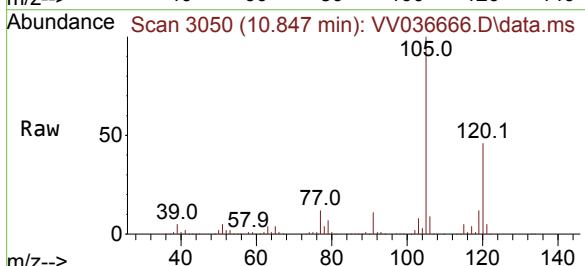
Acq: 24 Jul 2024 11:58

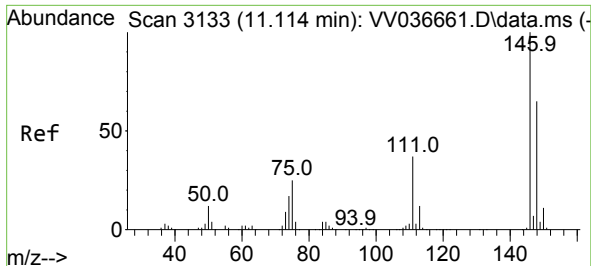
Tgt Ion:105 Resp: 566976

Ion Ratio Lower Upper

105 100

120 46.9 37.2 55.8

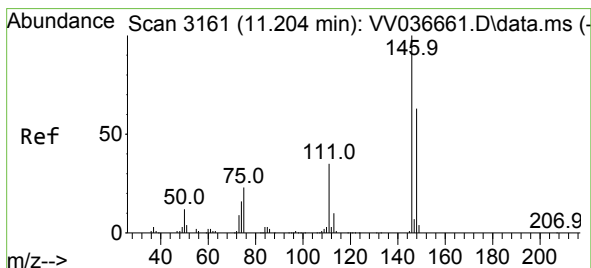
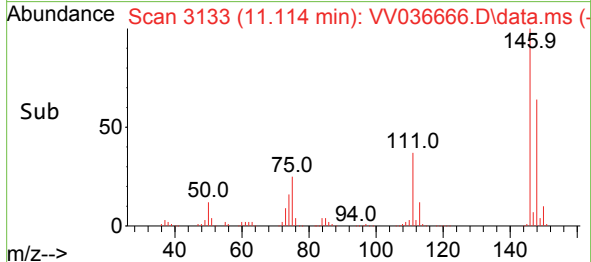
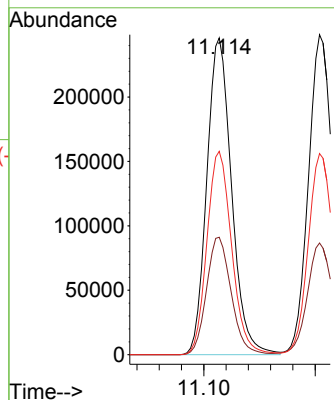
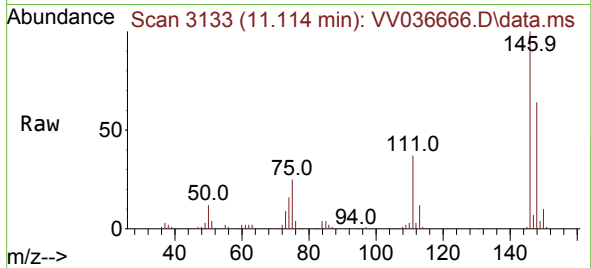




#64
1,3-Dichlorobenzene
Concen: 25.865 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

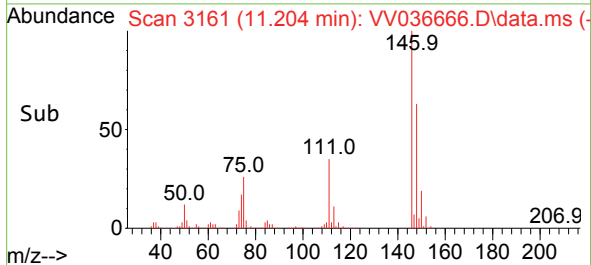
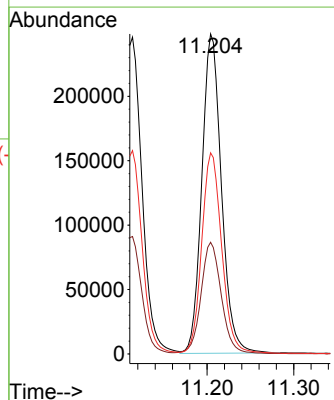
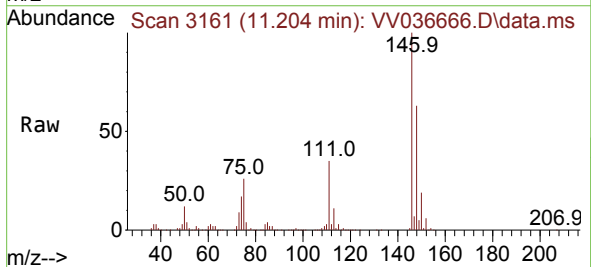
Instrument :
MSVOA_V
ClientSampleId :

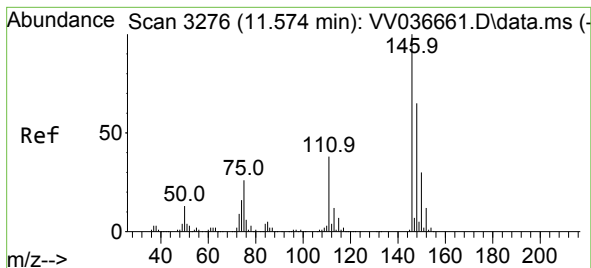
Tgt Ion:146 Resp: 379801
Ion Ratio Lower Upper
146 100
111 37.1 25.5 47.3
148 64.2 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 25.762 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

Tgt Ion:146 Resp: 389574
Ion Ratio Lower Upper
146 100
111 34.9 24.9 46.3
148 62.8 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 25.870 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

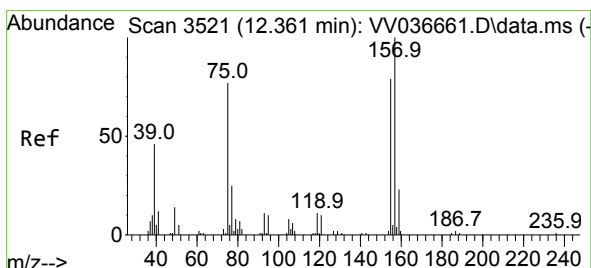
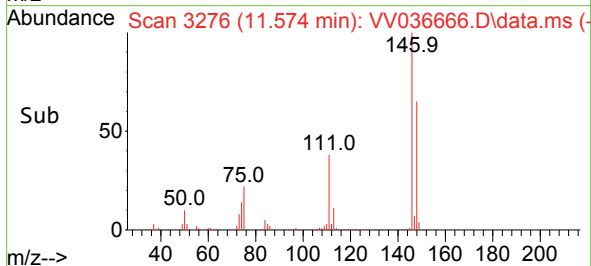
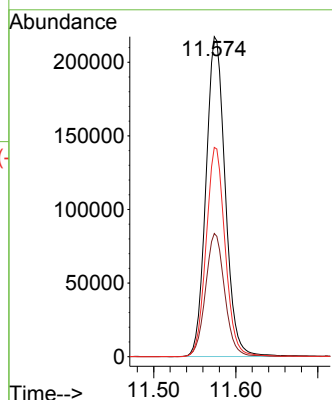
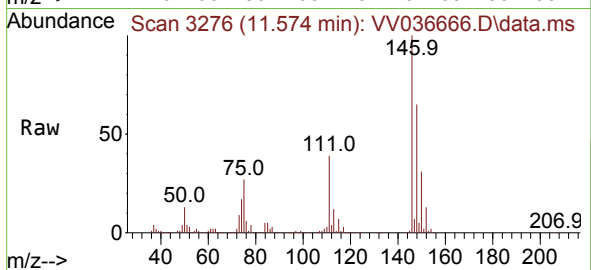
Tgt Ion:146 Resp: 353214

Ion Ratio Lower Upper

146 100

111 38.5 31.3 46.9

148 65.4 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 25.647 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036666.D

Acq: 24 Jul 2024 11:58

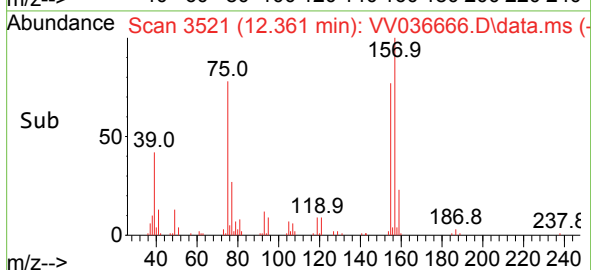
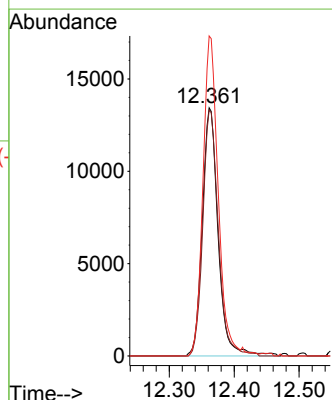
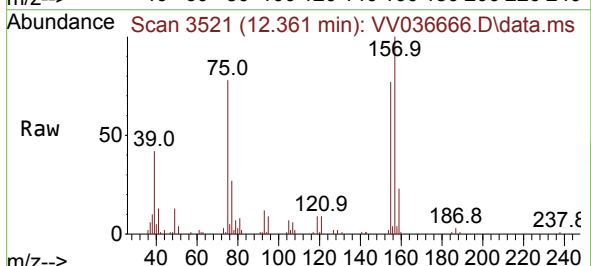
Tgt Ion: 75 Resp: 22855

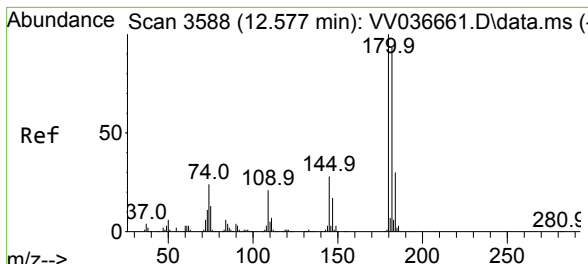
Ion Ratio Lower Upper

75 100

155 99.1 79.5 119.3

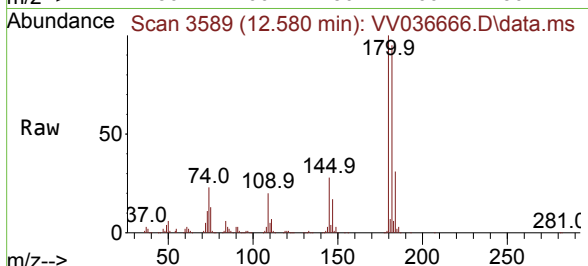
157 128.9 100.2 150.4



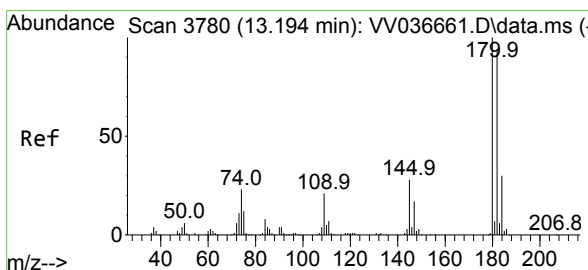
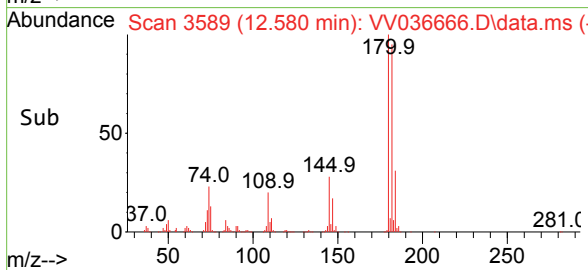
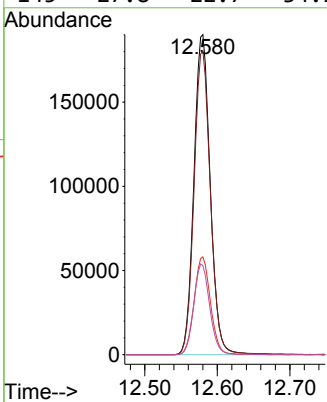


#69
 1,3,5-Trichlorobenzene
 Concen: 25.657 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. 0.003 min
 Lab File: VV036666.D
 Acq: 24 Jul 2024 11:58

Instrument :
 MSVOA_V
 ClientSampleId :

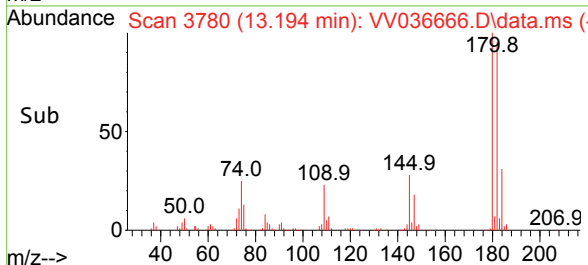
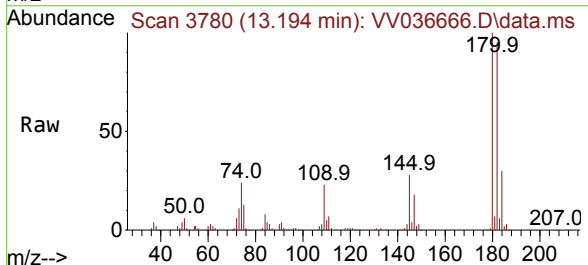
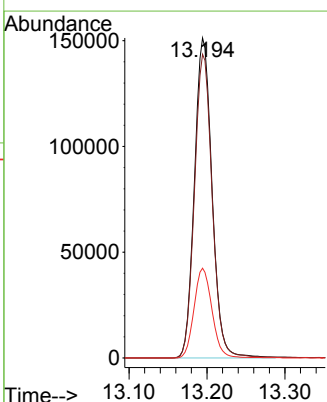


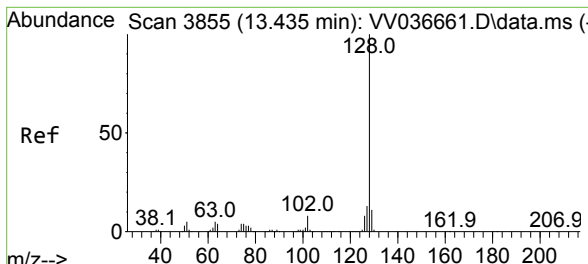
Tgt Ion:	180	Resp:	297195
Ion Ratio	Lower	Upper	
180	100		
182	94.8	77.0	115.4
184	30.3	24.6	36.8
145	27.8	22.7	34.1



#70
 1,2,4-trichlorobenzene
 Concen: 25.279 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. 0.000 min
 Lab File: VV036666.D
 Acq: 24 Jul 2024 11:58

Tgt Ion:	180	Resp:	237860
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.2	114.2
145	28.5	23.0	34.6



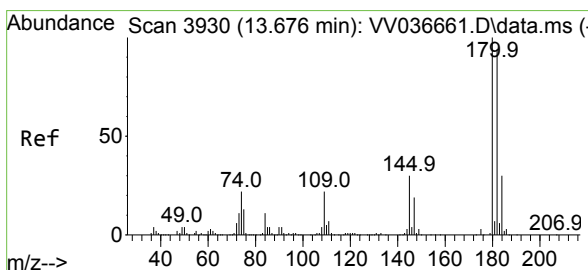
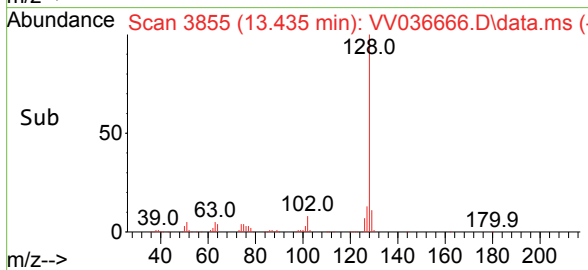
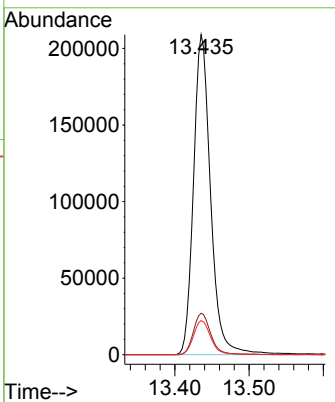
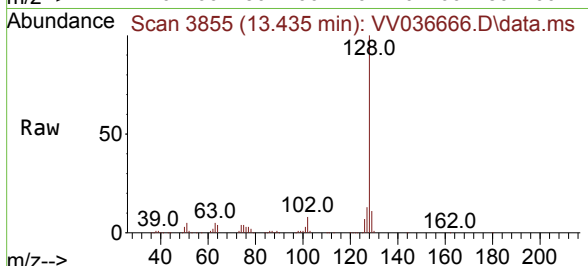


#71
Naphthalene
Concen: 23.868 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 334087

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 26.839 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV036666.D
Acq: 24 Jul 2024 11:58

Tgt Ion:180 Resp: 227860

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.6	113.4
145	29.9	24.6	37.0

