

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070124\
 Data File : VW036361.D
 Acq On : 01 Jul 2024 09:37
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 02:21:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 23:33:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	286442	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	295030	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	164353	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	114761	23.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.360%
7) Chloroethane-d5	1.529	69	96549	24.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.053	65	54577	23.865	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.480%
21) 2-Butanone-d5	3.854	46	22879	20.264	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.520%
24) Chloroform-d	4.239	84	218637	25.859	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.440%
26) 1,2-Dichloroethane-d4	4.934	65	114348	25.360	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.440%
32) Benzene-d6	4.953	84	395955	23.775	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.080%
36) 1,2-Dichloropropane-d6	5.982	67	121054	24.165	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.640%
41) Toluene-d8	7.236	98	356640	23.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	7.548	79	51939	23.218	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.880%
47) 2-Hexanone-d5	8.030	63	33332	41.684	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.360%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	101745	24.777	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.120%
66) 1,2-Dichlorobenzene-d4	11.554	152	130418	21.775	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	143115	26.296	ug/L	100
3) Chloromethane	1.211	50	132397	26.875	ug/L	99
5) Vinyl chloride	1.278	62	148439	26.094	ug/L	99
6) Bromomethane	1.484	94	104965	27.435	ug/L	100
8) Chloroethane	1.545	64	94069	26.831	ug/L	99
9) Trichlorofluoromethane	1.709	101	210365	25.893	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	137883	27.057	ug/L	99
12) 1,1-Dichloroethene	2.063	96	126233	27.978	ug/L	89
13) Acetone	2.384	43	45822	30.040	ug/L	100
14) Carbon disulfide	2.233	76	385041	27.048	ug/L	100
15) Methyl Acetate	2.384	43	49372	25.153	ug/L	98
16) Methylene chloride	2.439	84	130394	23.123	ug/L	98
17) trans-1,2-Dichloroethene	2.686	96	118088	26.360	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	255981	24.547	ug/L	99
19) 1,1-Dichloroethane	3.101	63	210211	26.392	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	111433	24.732	ug/L	99
22) 2-Butanone	3.915	43	18053	14.036	ug/L	# 1
23) Bromochloromethane	4.140	128	62539	26.619	ug/L	98
25) Chloroform	4.265	83	229965	27.069	ug/L	100

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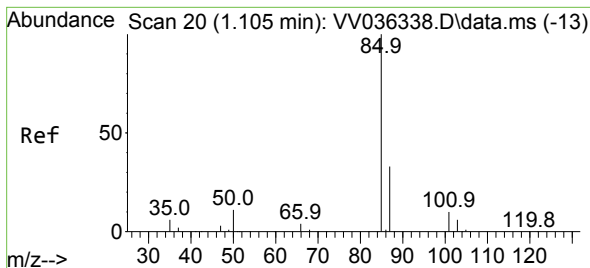
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 23:33:02 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	148034	26.911	ug/L	98
29) Cyclohexane	4.574	56	143179	22.780	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	191130	26.128	ug/L	99
31) Carbon tetrachloride	4.725	117	170291	26.126	ug/L	99
33) Benzene	5.001	78	464385	26.575	ug/L	100
34) Trichloroethene	5.825	95	134871	24.459	ug/L	99
35) Methylcyclohexane	6.043	83	183505	23.879	ug/L	98
37) 1,2-Dichloropropane	6.085	63	120383	26.975	ug/L	100
38) Bromodichloromethane	6.426	83	163378	26.766	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	169126	24.645	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	119025	47.290	ug/L	97
42) Toluene	7.310	91	493633	27.017	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	157716	25.552	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	104587	26.514	ug/L	98
46) Tetrachloroethene	7.898	164	101806	25.404	ug/L	97
48) 2-Hexanone	8.079	43	90154	45.538	ug/L	99
49) Dibromochloromethane	8.172	129	116386	26.467	ug/L	97
50) 1,2-Dibromoethane	8.278	107	102008	26.250	ug/L	96
51) Chlorobenzene	8.808	112	312360	25.009	ug/L	100
52) Ethylbenzene	8.940	91	496704	25.190	ug/L	100
53) m,p-Xylene	9.069	106	195942	26.663	ug/L	98
54) o-Xylene	9.474	106	177851	25.735	ug/L	97
55) Styrene	9.490	104	343540	28.364	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	92934	26.324	ug/L	97
59) Bromoform	9.660	173	77186	24.810	ug/L	99
60) Isopropylbenzene	9.863	105	487757	24.551	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	90919	24.513	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	337155	23.713	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	377569	24.437	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	261317	25.242	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	269701	24.304	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	244832	24.773	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	19731	23.712	ug/L	94
69) 1,3,5-Trichlorobenzene	12.577	180	182364	23.395	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	139773	22.485	ug/L	99
71) Naphthalene	13.435	128	223430	20.159	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	139507	23.866	ug/L	99

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

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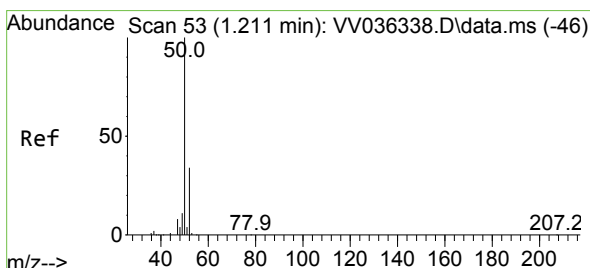
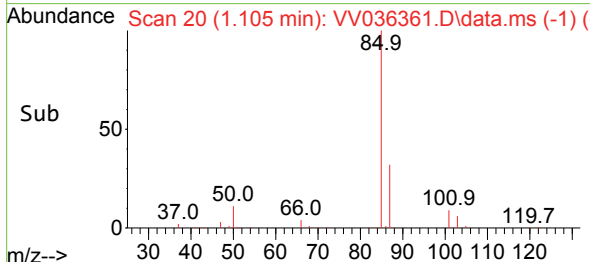
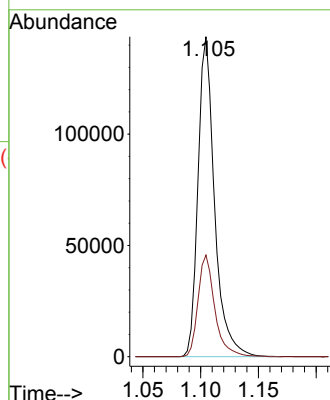
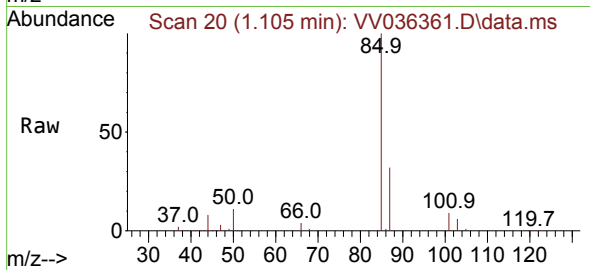




#2
 Dichlorodifluoromethane
 Concen: 26.296 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV036361.D
 Acq: 01 Jul 2024 09:37

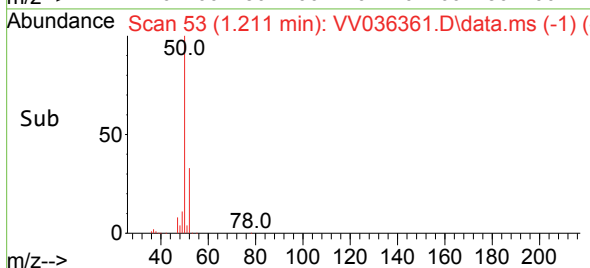
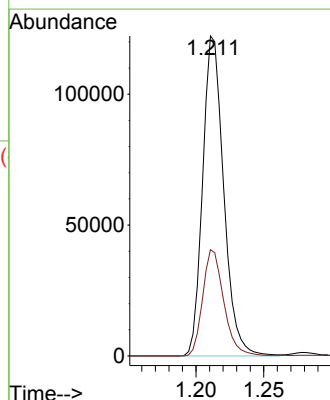
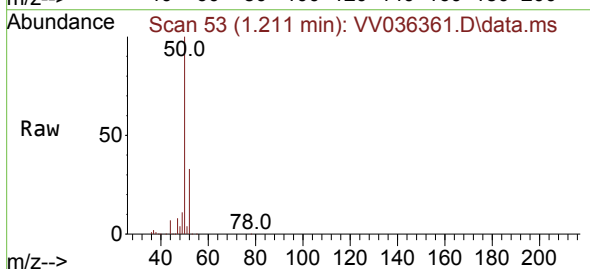
Instrument :
 MSVOA_V
 ClientSampleId :

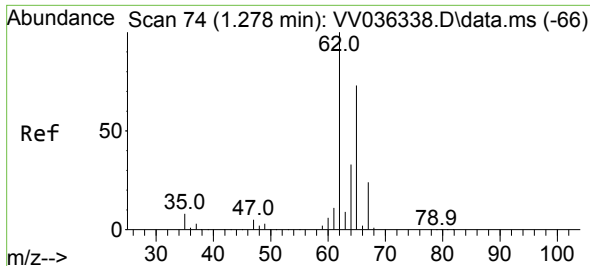
Tgt Ion: 85 Resp: 143115
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.9 38.9



#3
 Chloromethane
 Concen: 26.875 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV036361.D
 Acq: 01 Jul 2024 09:37

Tgt Ion: 50 Resp: 132397
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.5 43.7





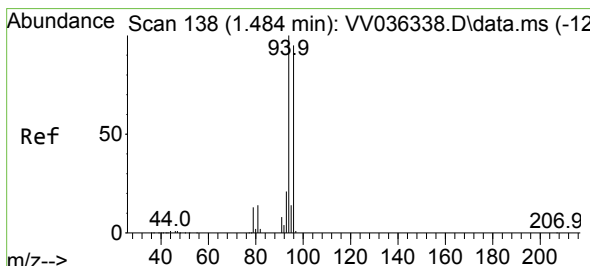
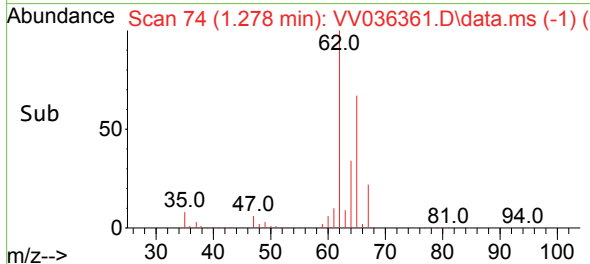
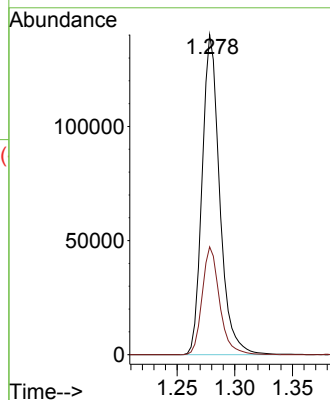
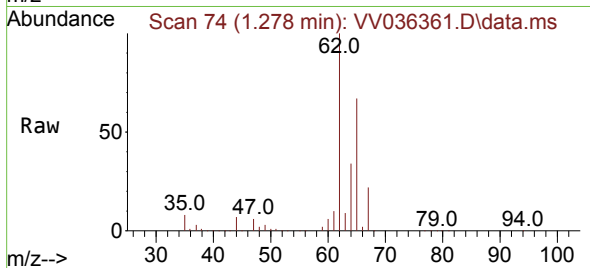
#5
 Vinyl chloride
 Concen: 26.094 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV036361.D
 Acq: 01 Jul 2024 09:37

Instrument :

MSVOA_V

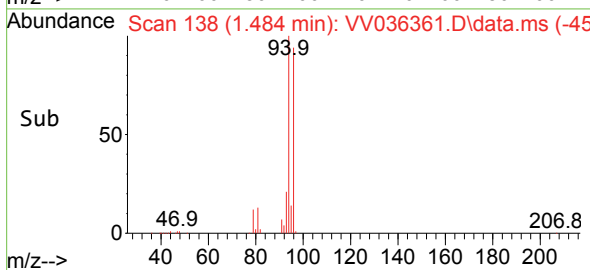
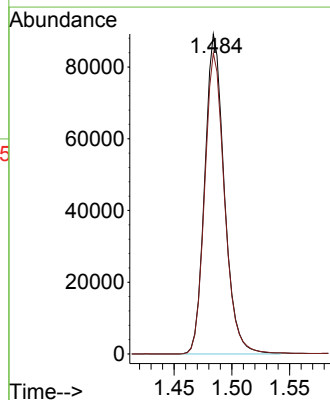
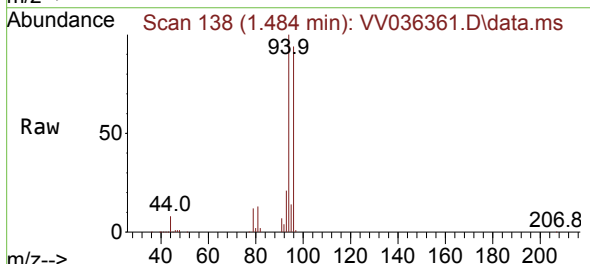
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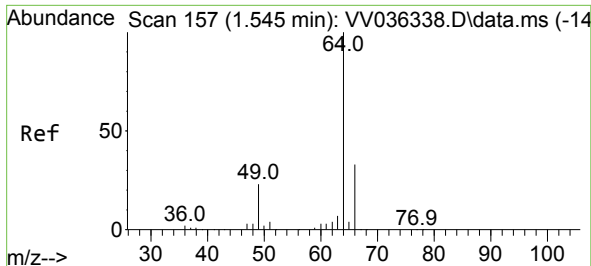
Tgt Ion: 62 Resp: 148439
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.4 43.4



#6
 Bromomethane
 Concen: 27.435 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV036361.D
 Acq: 01 Jul 2024 09:37

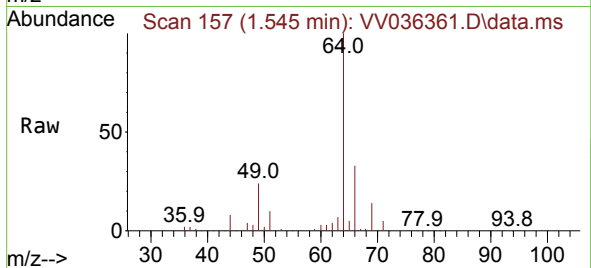
Tgt Ion: 94 Resp: 104965
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.1 122.7



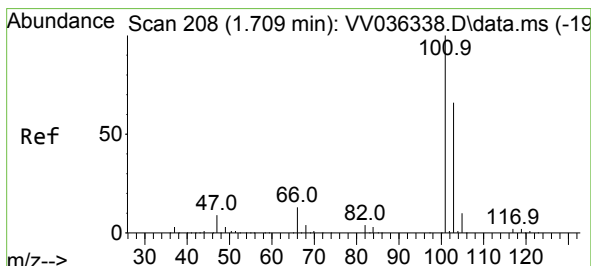
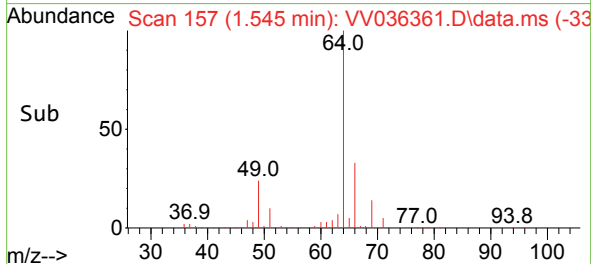
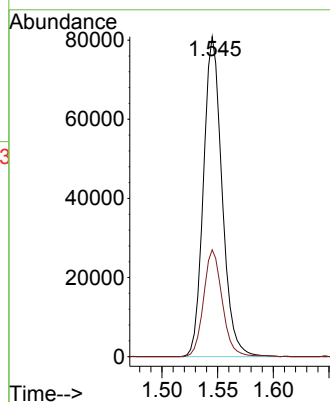


#8
Chloroethane
Concen: 26.831 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

Instrument :
MSVOA_V
ClientSampleId :

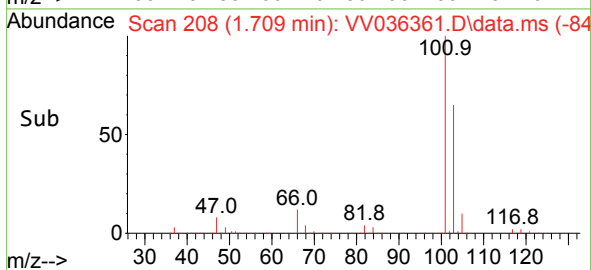
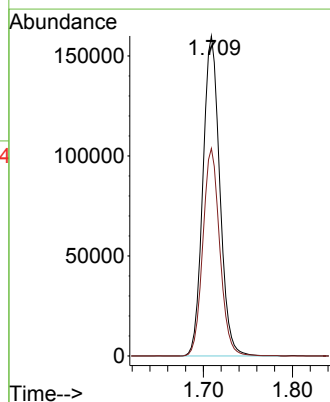
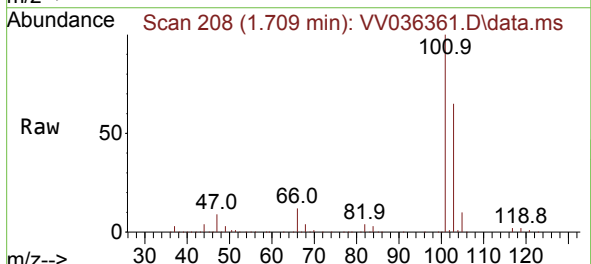


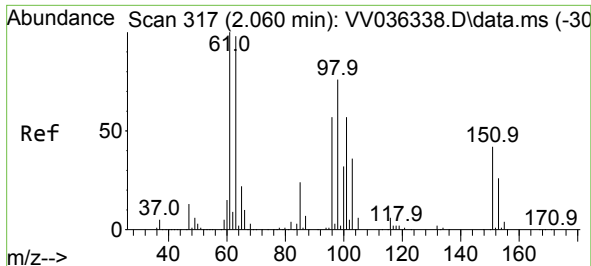
Tgt Ion: 64 Resp: 94069
Ion Ratio Lower Upper
64 100
66 33.4 23.0 42.6



#9
Trichlorofluoromethane
Concen: 25.893 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

Tgt Ion:101 Resp: 210365
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5

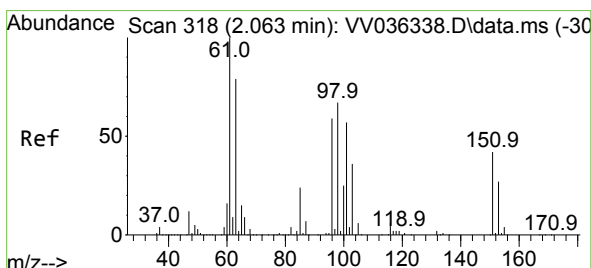
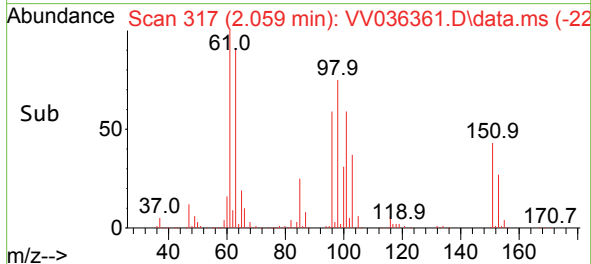
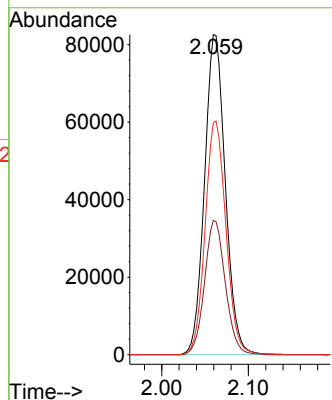
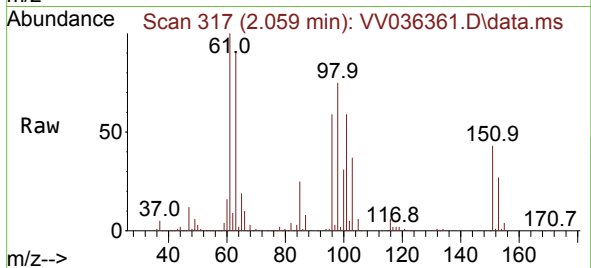




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.057 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

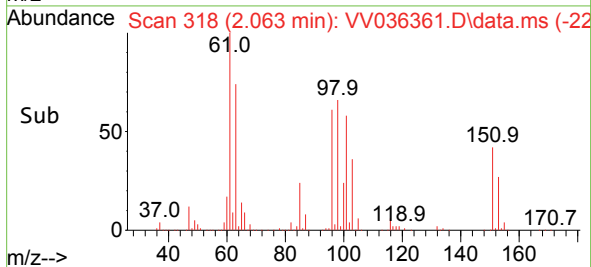
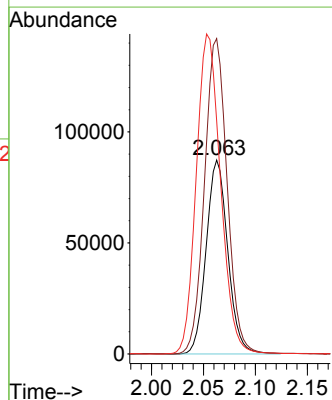
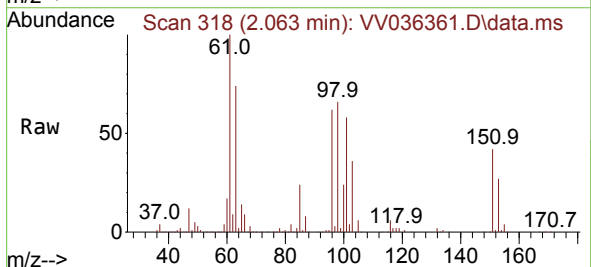
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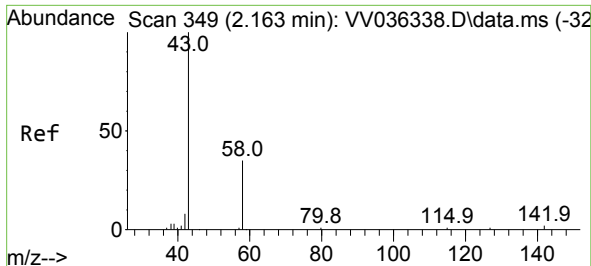
Tgt Ion:101 Resp: 137883
Ion Ratio Lower Upper
101 100
85 41.9 34.6 51.8
151 73.3 58.9 88.3



#12
1,1-Dichloroethene
Concen: 27.978 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

Tgt Ion: 96 Resp: 126233
Ion Ratio Lower Upper
96 100
61 162.5 122.6 227.8
63 120.1 96.1 178.5





#13

Acetone

Concen: 30.040 ug/L

RT: 2.384 min Scan# 418

Delta R.T. 0.222 min

Lab File: VV036361.D

Acq: 01 Jul 2024 09:37

Instrument :

MSVOA_V

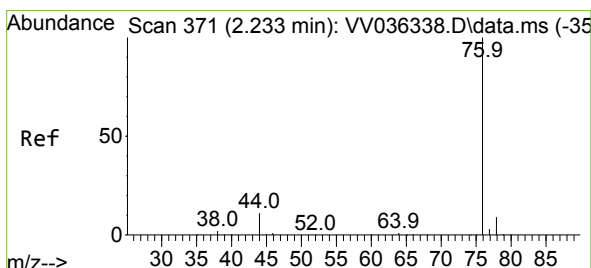
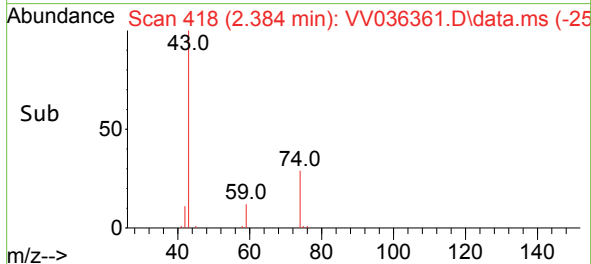
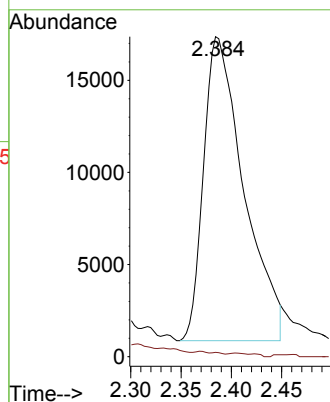
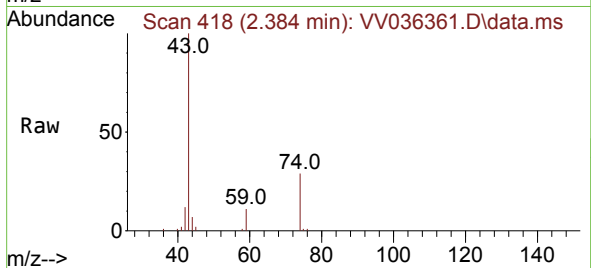
ClientSampleId :

Tgt Ion: 43 Resp: 45822

Ion Ratio Lower Upper

43 100

58 0.1 0.0 0.6



#14

Carbon disulfide

Concen: 27.048 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV036361.D

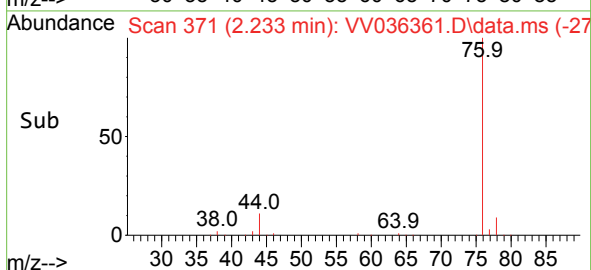
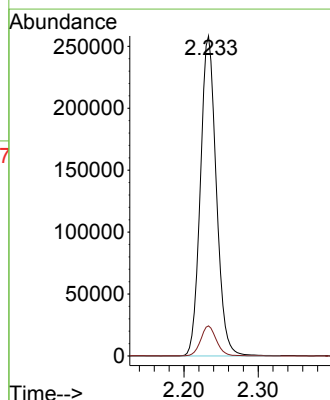
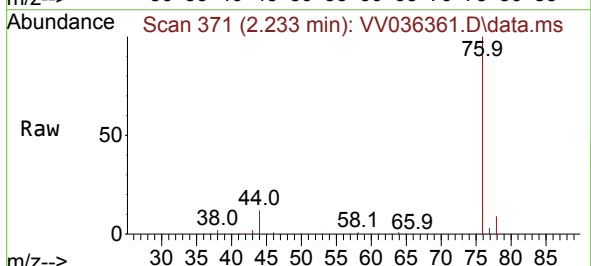
Acq: 01 Jul 2024 09:37

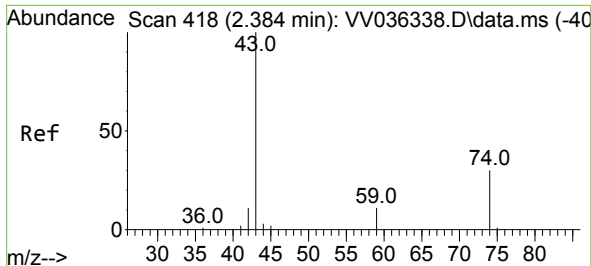
Tgt Ion: 76 Resp: 385041

Ion Ratio Lower Upper

76 100

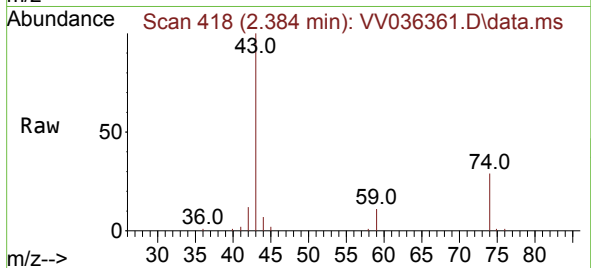
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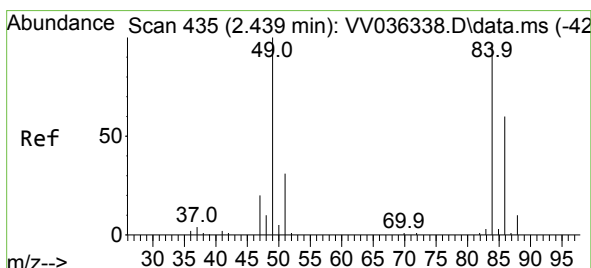
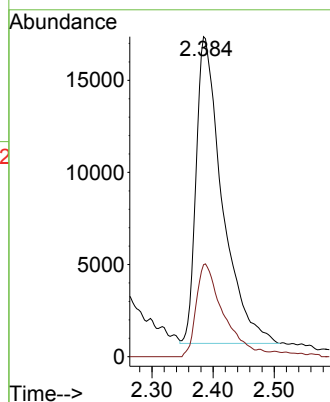
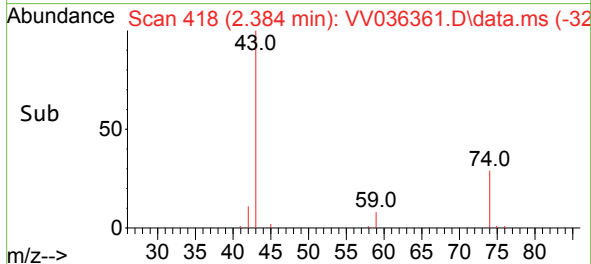


#15
Methyl Acetate
Concen: 25.153 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

Instrument :
MSVOA_V
ClientSampleId :

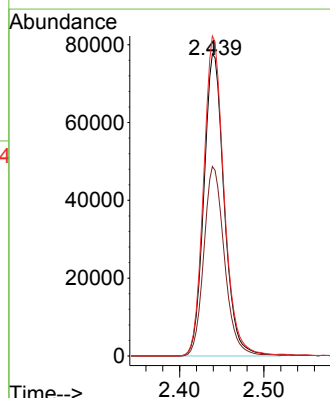
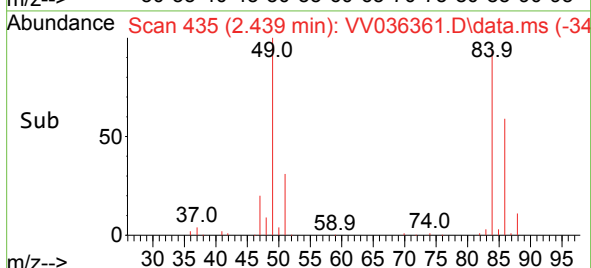
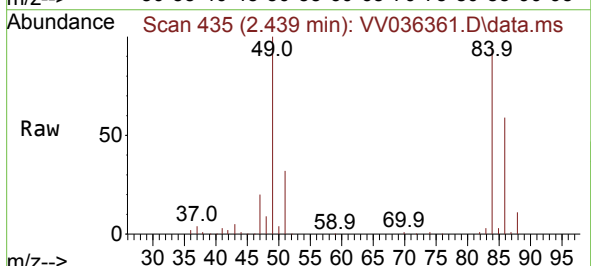


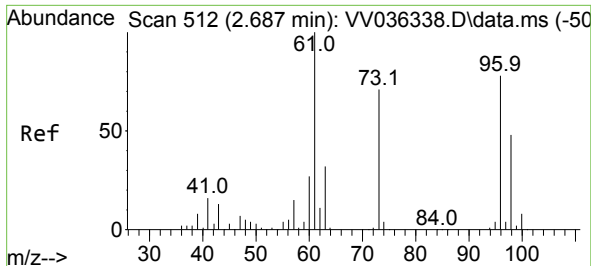
Tgt Ion: 43 Resp: 49372
Ion Ratio Lower Upper
43 100
74 30.9 23.8 35.6



#16
Methylene chloride
Concen: 23.123 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

Tgt Ion: 84 Resp: 130394
Ion Ratio Lower Upper
84 100
86 62.7 45.6 84.8
49 105.9 75.7 140.5





#17

trans-1,2-Dichloroethene

Concen: 26.360 ug/L

RT: 2.686 min Scan# 512

Delta R.T. -0.000 min

Lab File: VV036361.D

Acq: 01 Jul 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

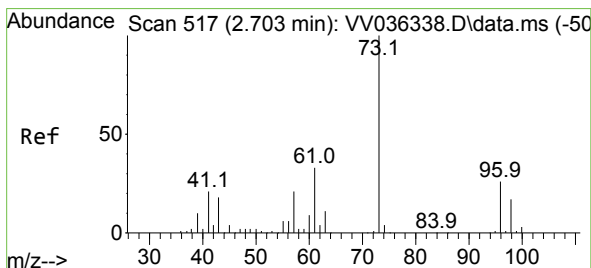
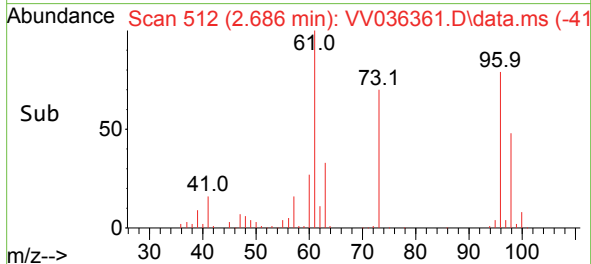
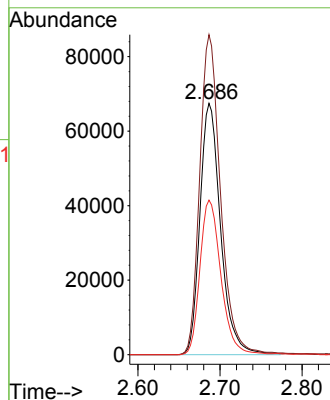
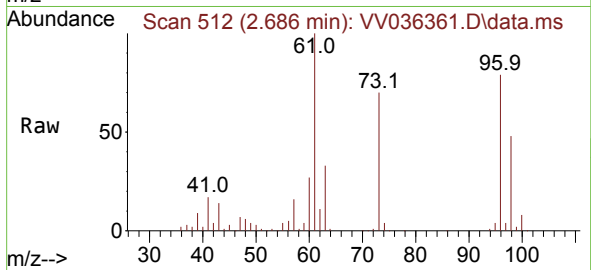
Tgt Ion: 96 Resp: 118088

Ion Ratio Lower Upper

96 100

61 127.3 89.8 166.8

98 61.5 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 24.547 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV036361.D

Acq: 01 Jul 2024 09:37

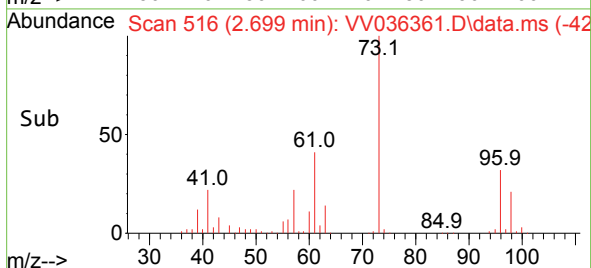
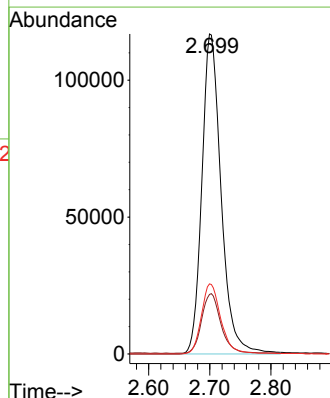
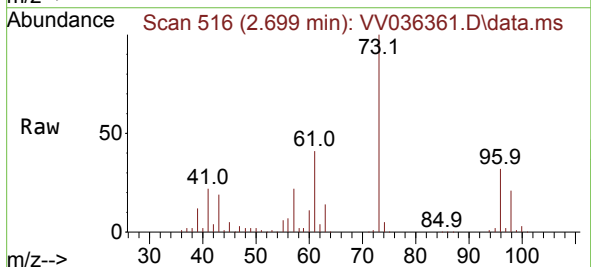
Tgt Ion: 73 Resp: 255981

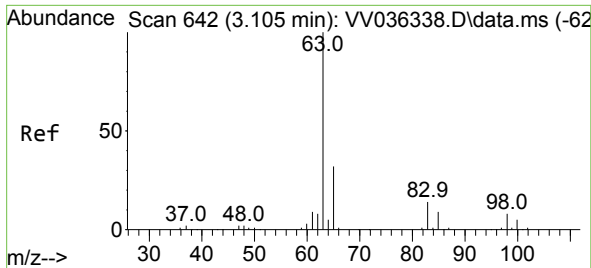
Ion Ratio Lower Upper

73 100

43 18.5 14.7 22.1

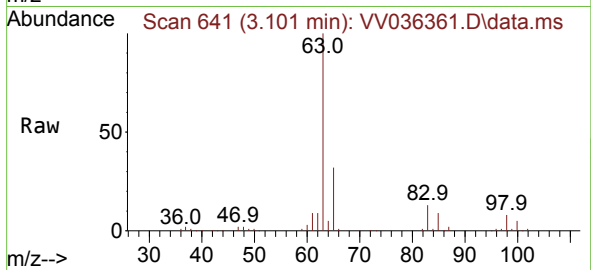
57 22.1 17.0 25.6



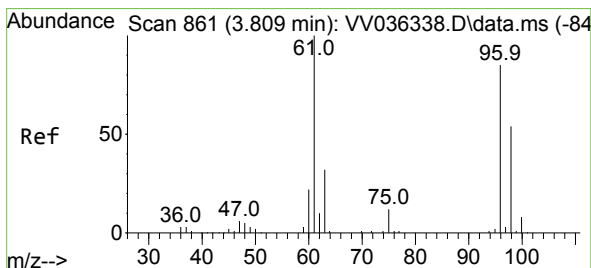
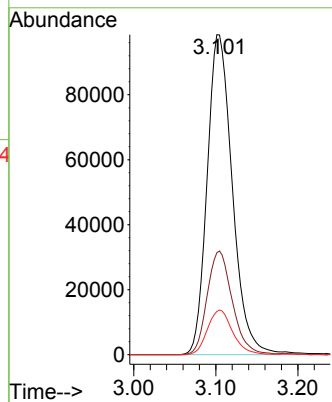
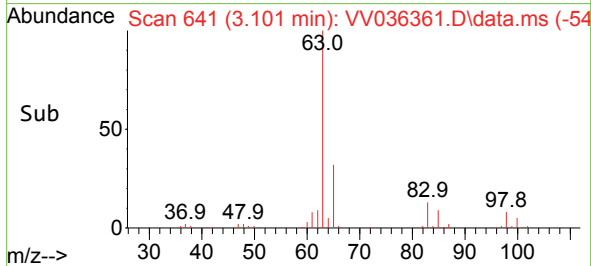


#19
 1,1-Dichloroethane
 Concen: 26.392 ug/L
 RT: 3.101 min Scan# 64
 Delta R.T. -0.003 min
 Lab File: VV036361.D
 Acq: 01 Jul 2024 09:37

Instrument :
 MSVOA_V
 ClientSampleId :

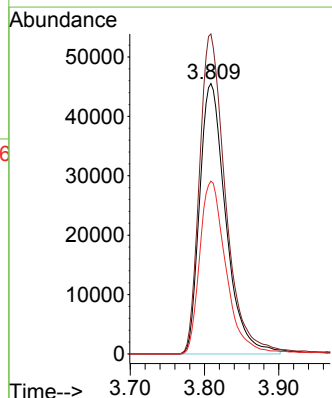
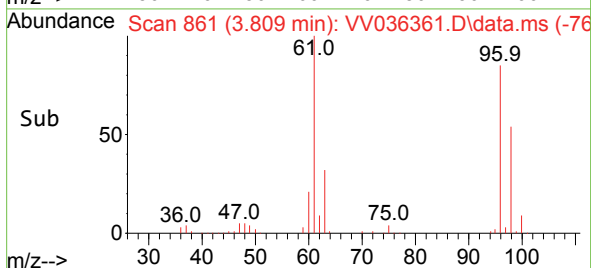
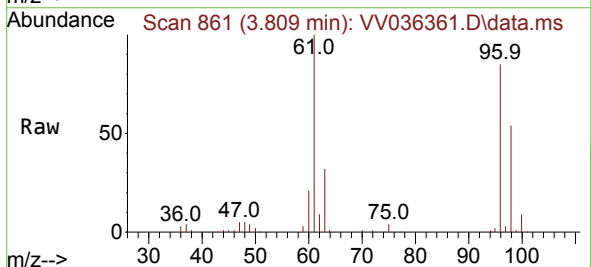


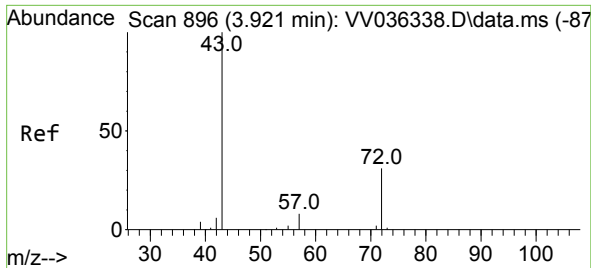
Tgt Ion: 63 Resp: 210211
 Ion Ratio Lower Upper
 63 100
 65 31.9 22.1 41.1
 83 13.5 9.7 17.9



#20
 cis-1,2-Dichloroethene
 Concen: 24.732 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. -0.000 min
 Lab File: VV036361.D
 Acq: 01 Jul 2024 09:37

Tgt Ion: 96 Resp: 111433
 Ion Ratio Lower Upper
 96 100
 61 118.3 83.7 155.5
 98 63.9 44.2 82.0

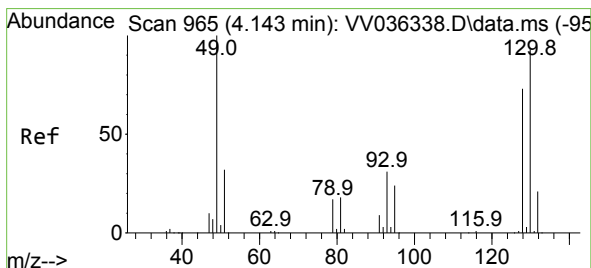
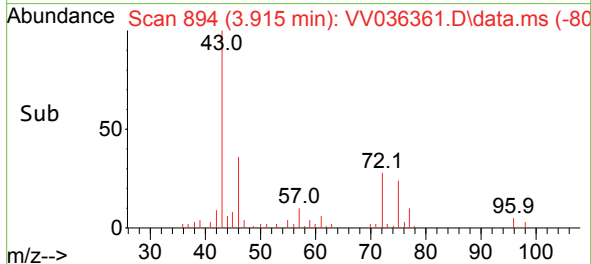
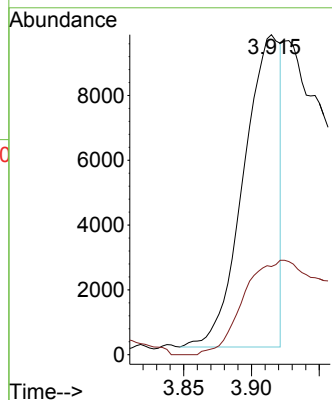
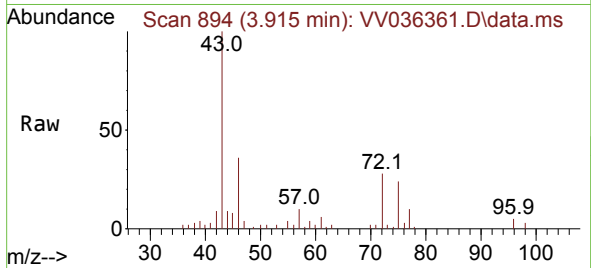




#22
2-Butanone
Concen: 14.036 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.007 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

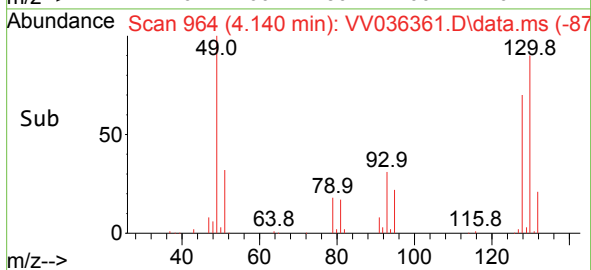
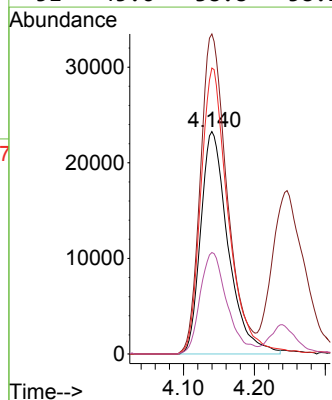
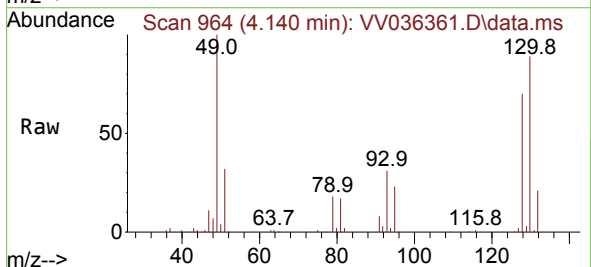
Instrument :
MSVOA_V
ClientSampleId :

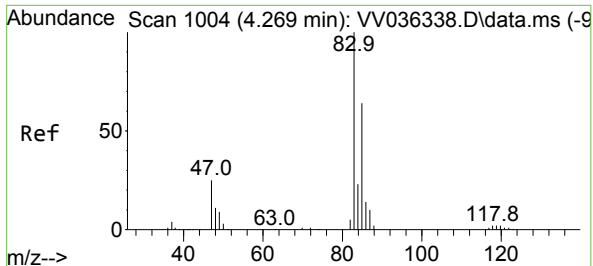
Tgt Ion: 43 Resp: 18053
Ion Ratio Lower Upper
43 100
72 84.5 12.9 38.7#



#23
Bromochloromethane
Concen: 26.619 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

Tgt Ion:128 Resp: 62539
Ion Ratio Lower Upper
128 100
49 143.9 99.2 184.2
130 128.5 88.9 165.1
51 45.6 38.8 58.2





#25

Chloroform

Concen: 27.069 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. -0.003 min

Lab File: VV036361.D

Acq: 01 Jul 2024 09:37

Instrument :

MSVOA_V

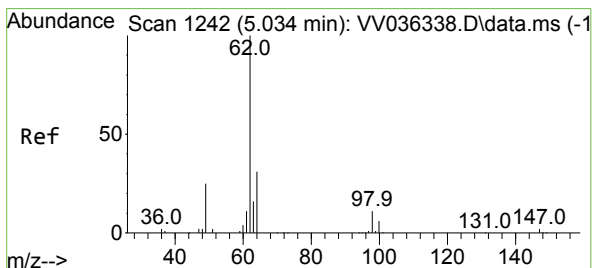
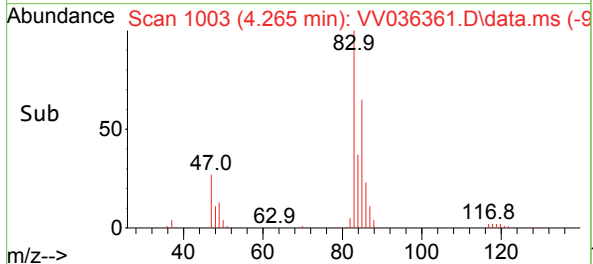
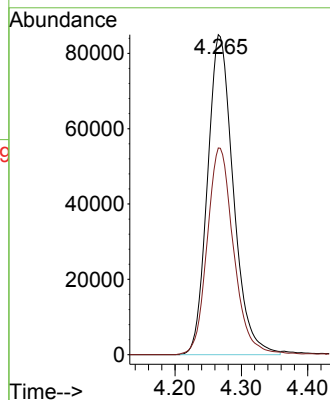
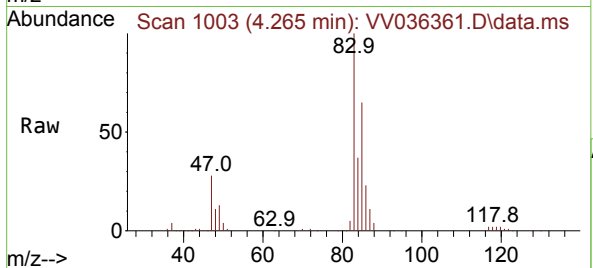
ClientSampleId :

Tgt Ion: 83 Resp: 229965

Ion Ratio Lower Upper

83 100

85 64.6 45.0 83.6



#27

1,2-Dichloroethane

Concen: 26.911 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VV036361.D

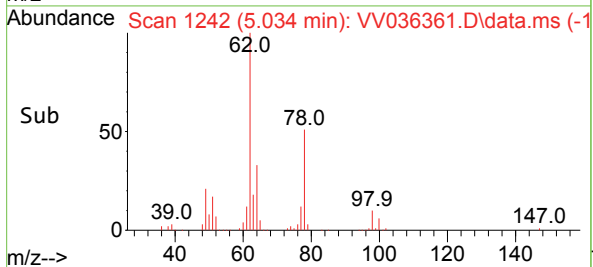
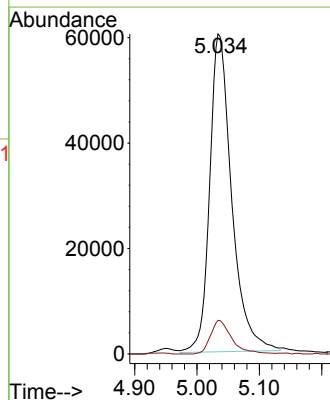
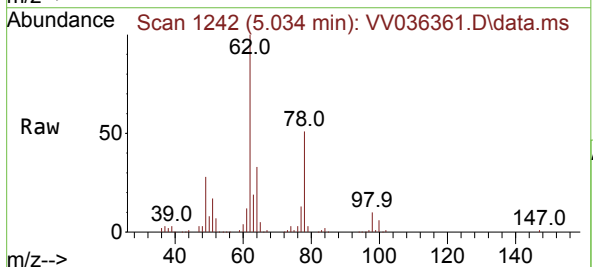
Acq: 01 Jul 2024 09:37

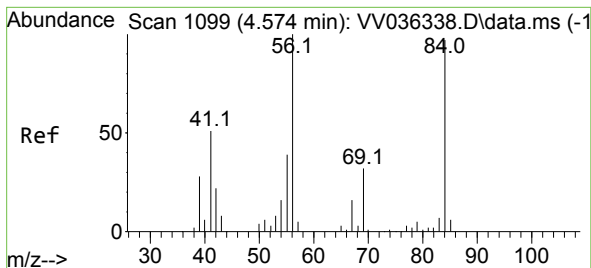
Tgt Ion: 62 Resp: 148034

Ion Ratio Lower Upper

62 100

98 10.5 7.8 11.8





#29

Cyclohexane

Concen: 22.780 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.000 min

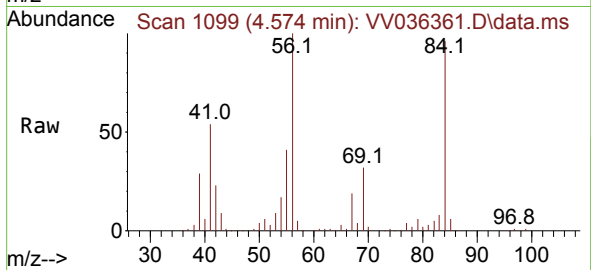
Lab File: VV036361.D

Acq: 01 Jul 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :



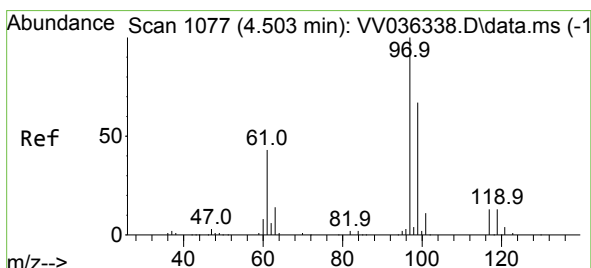
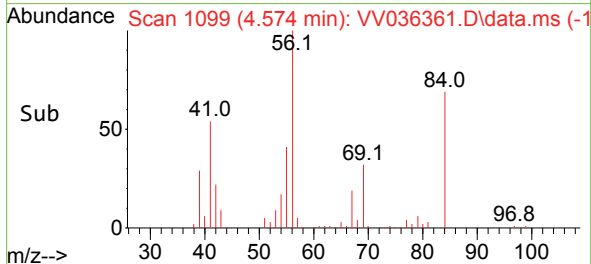
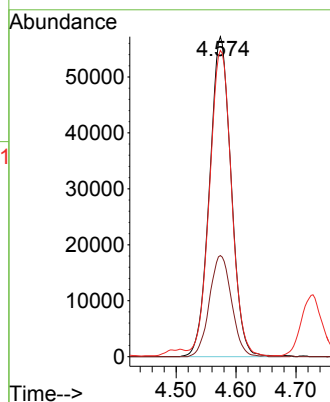
Tgt Ion: 56 Resp: 143179

Ion Ratio Lower Upper

56 100

69 32.3 26.0 39.0

84 96.9 77.4 116.0



#30

1,1,1-Trichloroethane

Concen: 26.128 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV036361.D

Acq: 01 Jul 2024 09:37

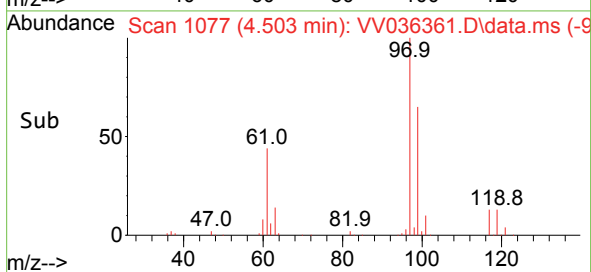
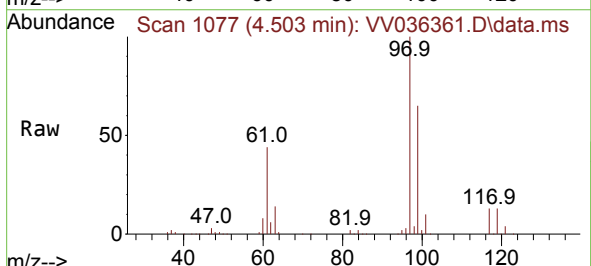
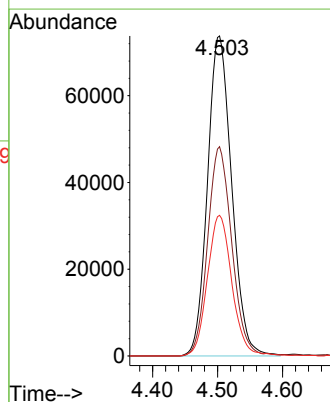
Tgt Ion: 97 Resp: 191130

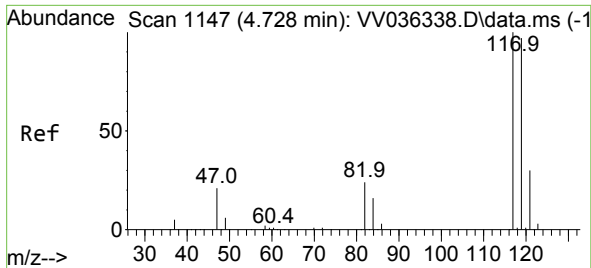
Ion Ratio Lower Upper

97 100

99 65.0 51.4 77.0

61 44.5 34.8 52.2

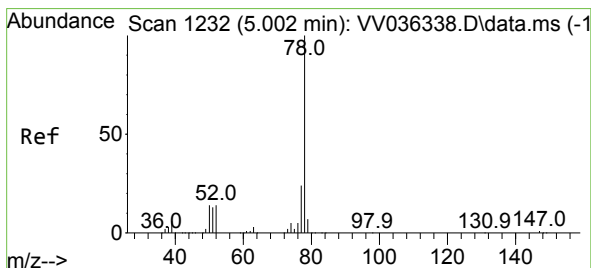
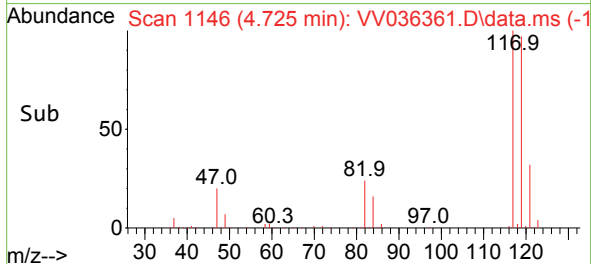
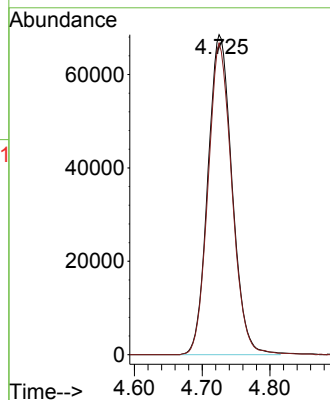
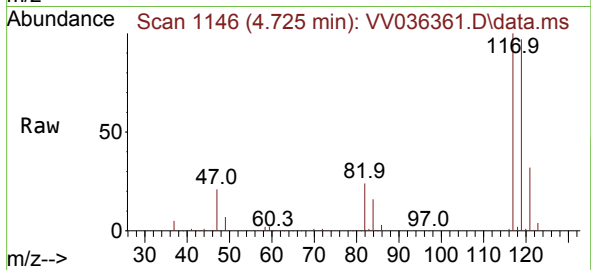




#31
Carbon tetrachloride
Concen: 26.126 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.003 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

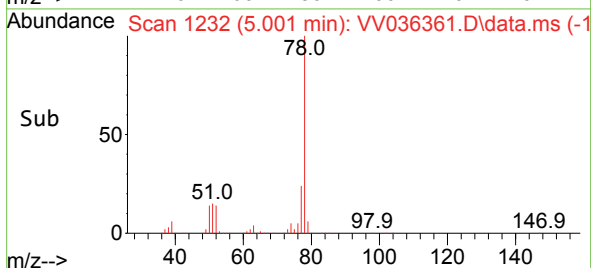
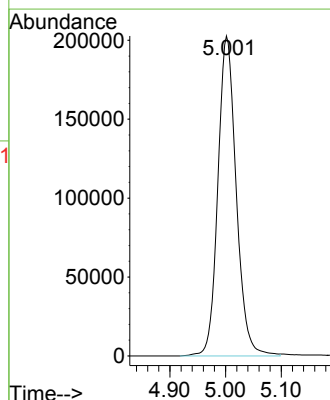
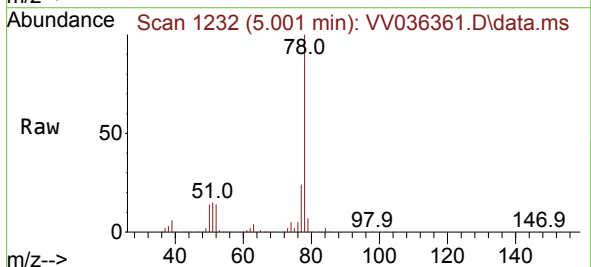
Instrument :
MSVOA_V
ClientSampleId :

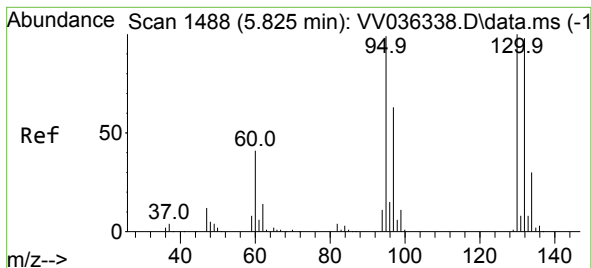
Tgt Ion:117 Resp: 170291
Ion Ratio Lower Upper
117 100
119 95.7 77.2 115.8



#33
Benzene
Concen: 26.575 ug/L
RT: 5.001 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

Tgt Ion: 78 Resp: 464385





#34

Trichloroethene

Concen: 24.459 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VV036361.D

Acq: 01 Jul 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 134871

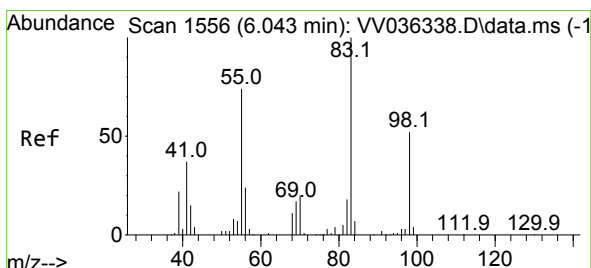
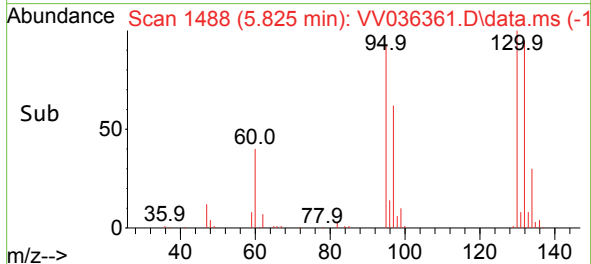
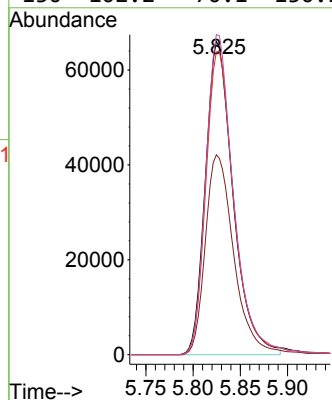
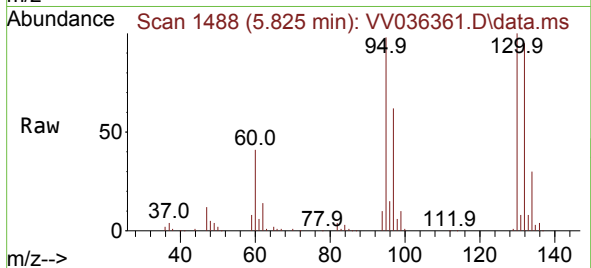
Ion Ratio Lower Upper

95 100

97 63.8 45.1 83.7

132 96.7 67.7 125.7

130 102.2 70.1 130.1



#35

Methylcyclohexane

Concen: 23.879 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VV036361.D

Acq: 01 Jul 2024 09:37

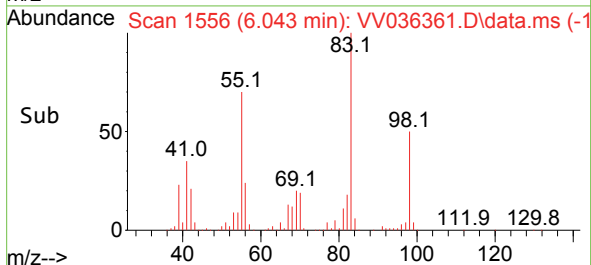
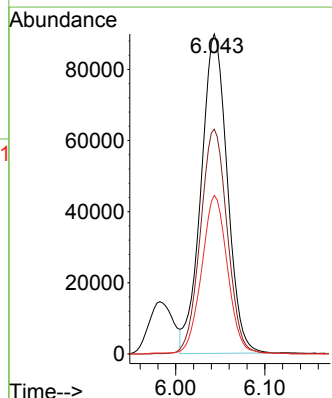
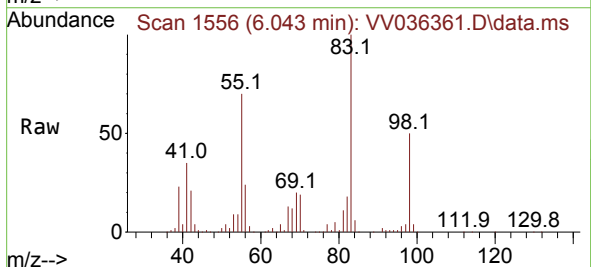
Tgt Ion: 83 Resp: 183505

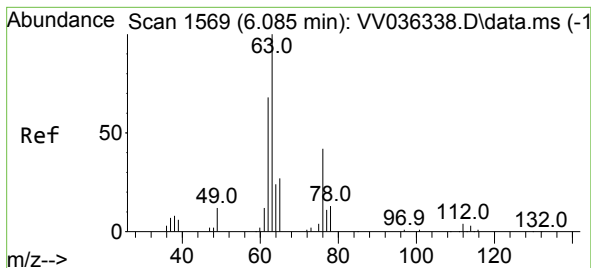
Ion Ratio Lower Upper

83 100

55 71.9 56.0 84.0

98 49.1 39.0 58.6





#37

1,2-Dichloropropane

Concen: 26.975 ug/L

RT: 6.085 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV036361.D

Acq: 01 Jul 2024 09:37

Instrument :

MSVOA_V

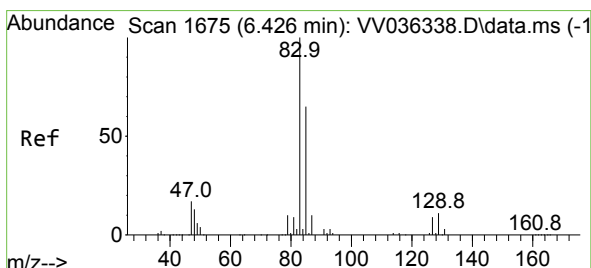
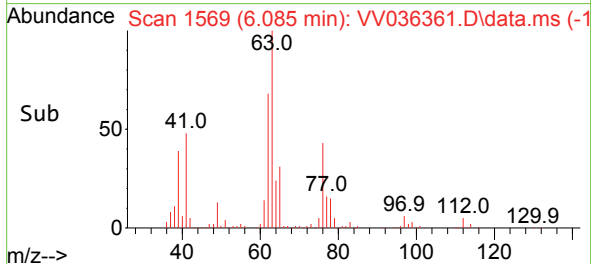
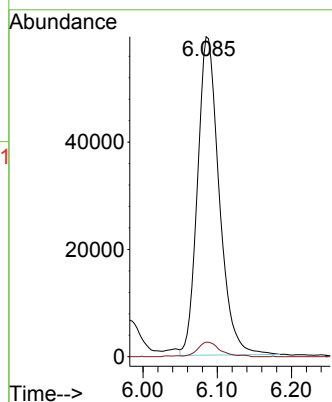
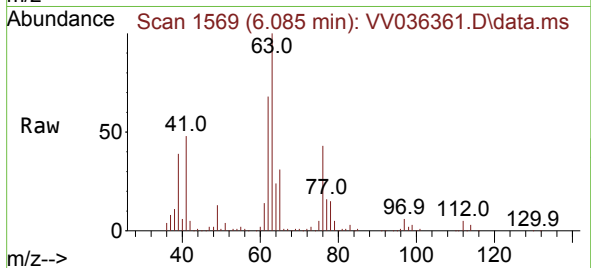
ClientSampleId :

Tgt Ion: 63 Resp: 120383

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 26.766 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VV036361.D

Acq: 01 Jul 2024 09:37

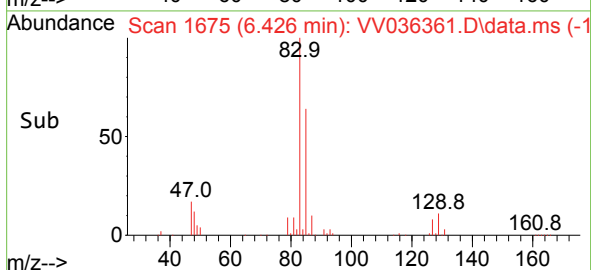
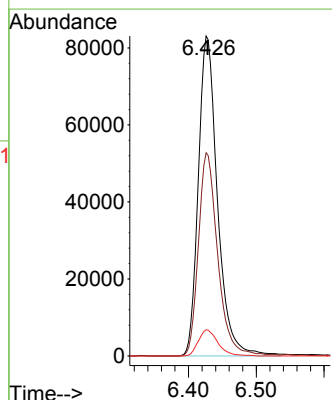
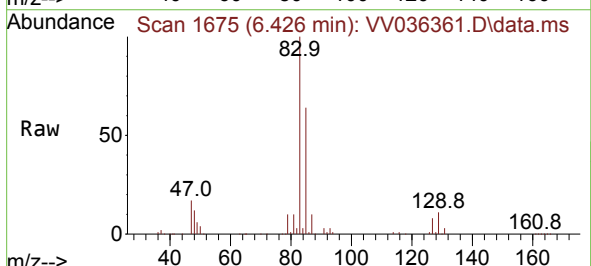
Tgt Ion: 83 Resp: 163378

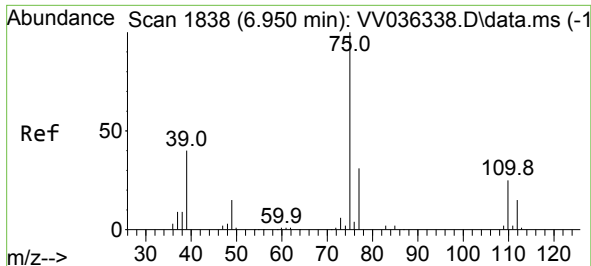
Ion Ratio Lower Upper

83 100

85 63.5 44.9 83.5

127 8.2 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 24.645 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. -0.000 min

Lab File: VV036361.D

Acq: 01 Jul 2024 09:37

Instrument :

MSVOA_V

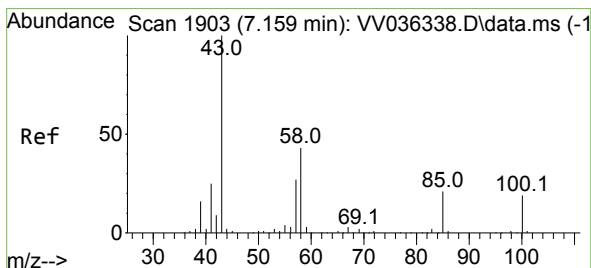
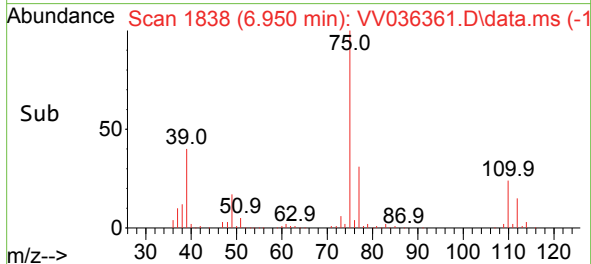
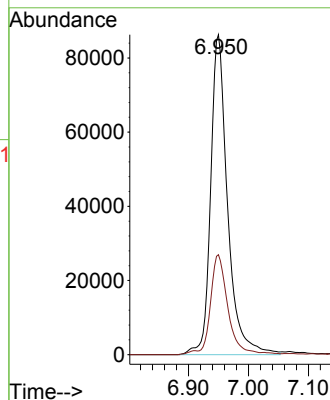
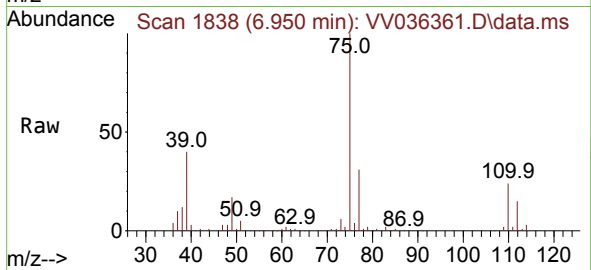
ClientSampleId :

Tgt Ion: 75 Resp: 169126

Ion Ratio Lower Upper

75 100

77 31.2 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 47.290 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV036361.D

Acq: 01 Jul 2024 09:37

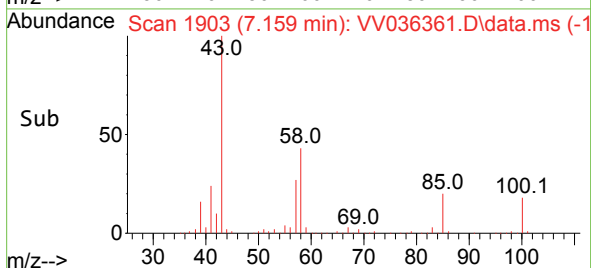
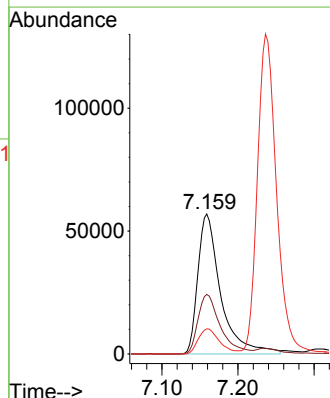
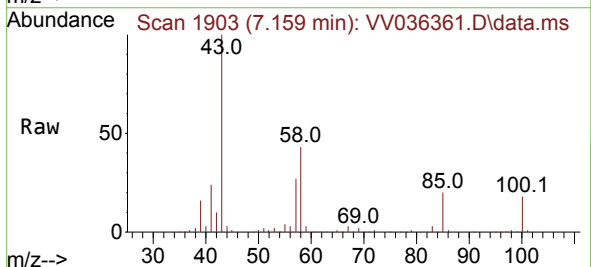
Tgt Ion: 43 Resp: 119025

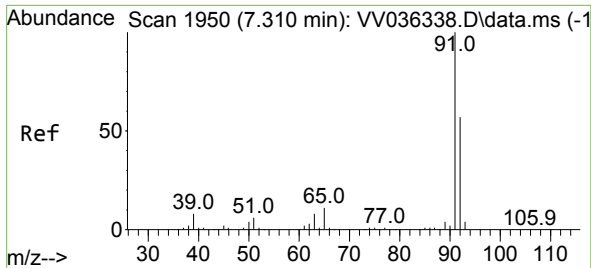
Ion Ratio Lower Upper

43 100

58 41.7 34.8 52.2

100 16.8 14.6 21.8

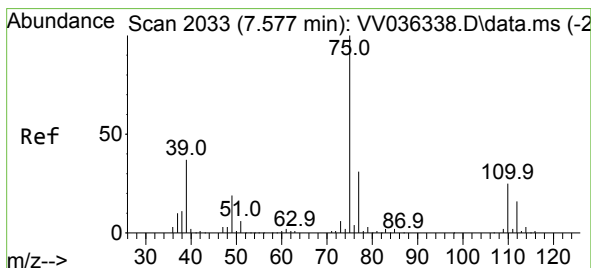
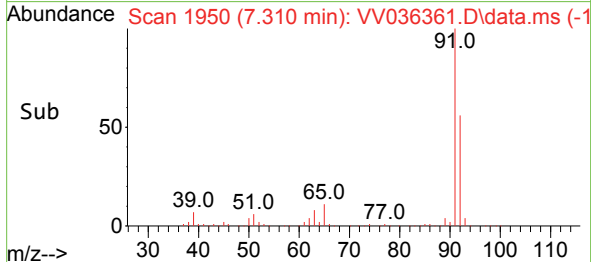
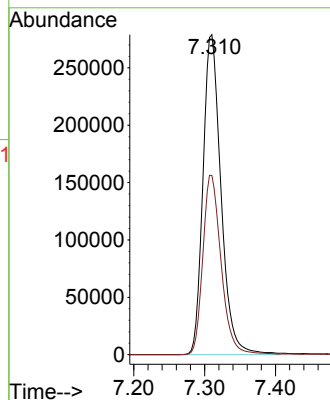
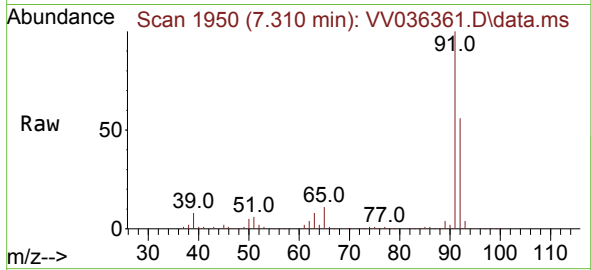




#42
Toluene
Concen: 27.017 ug/L
RT: 7.310 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

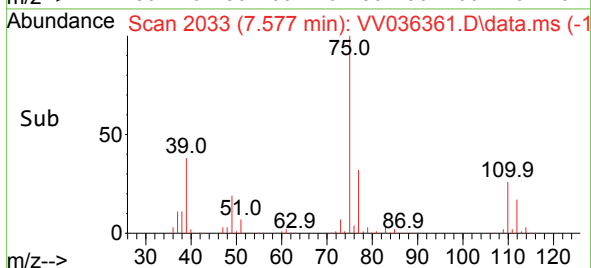
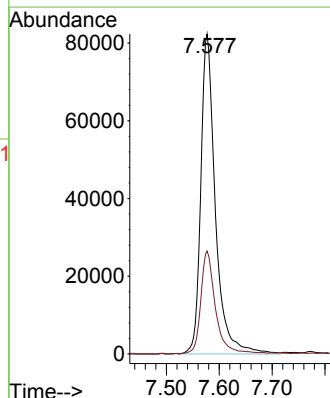
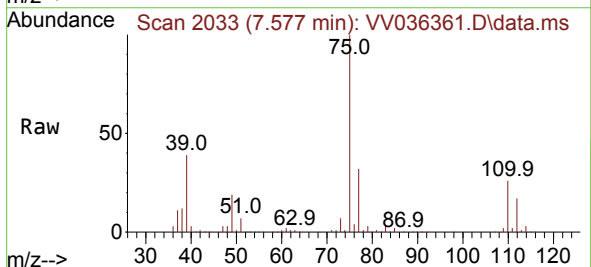
Instrument :
MSVOA_V
ClientSampleId :

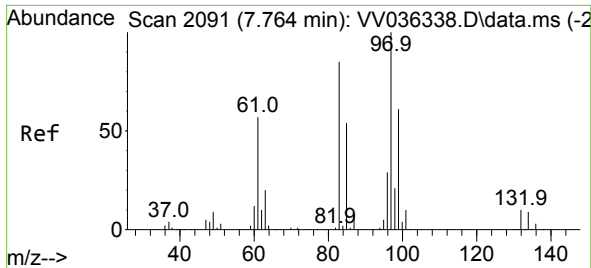
Tgt Ion: 91 Resp: 493633
Ion Ratio Lower Upper
91 100
92 56.0 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 25.552 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

Tgt Ion: 75 Resp: 157716
Ion Ratio Lower Upper
75 100
77 32.2 22.5 41.9



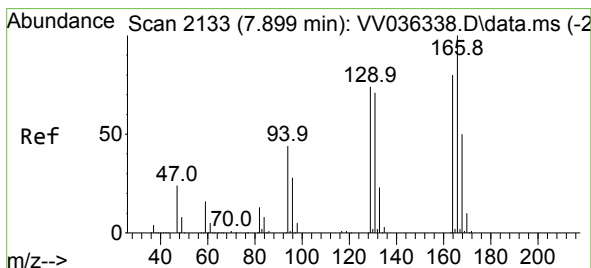
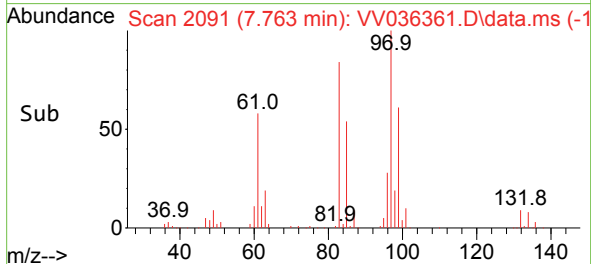
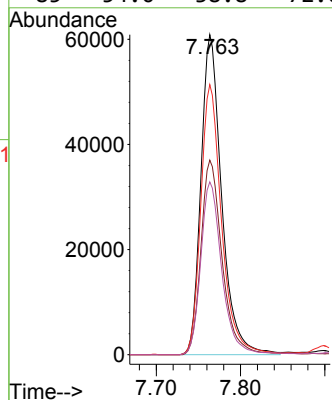
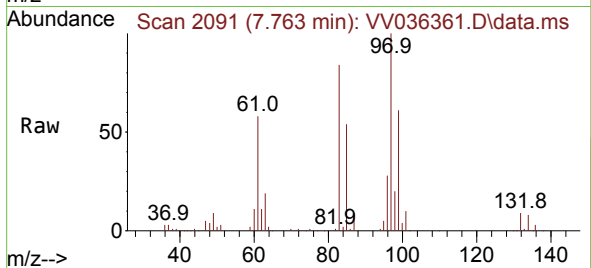


#45
1,1,2-Trichloroethane
Concen: 26.514 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 104587

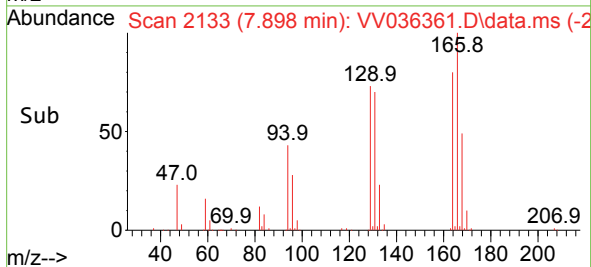
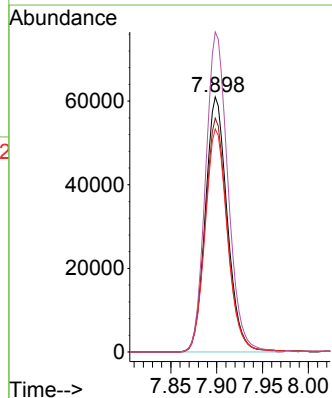
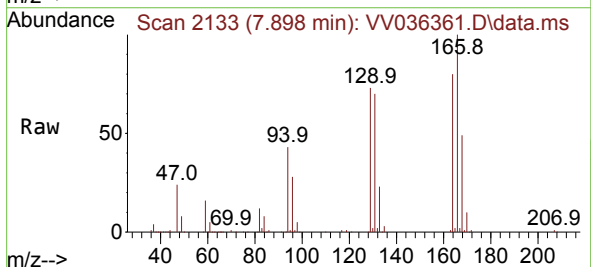
Ion	Ratio	Lower	Upper
97	100		
99	60.8	43.8	81.3
83	84.4	60.6	112.6
85	54.0	38.8	72.0

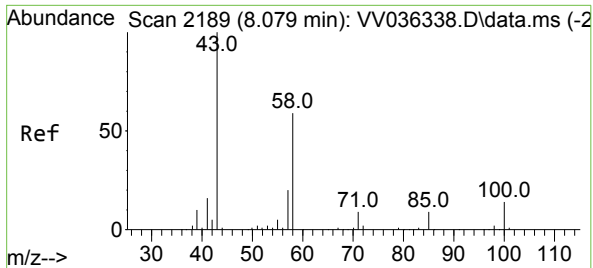


#46
Tetrachloroethene
Concen: 25.404 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

Tgt Ion: 164 Resp: 101806

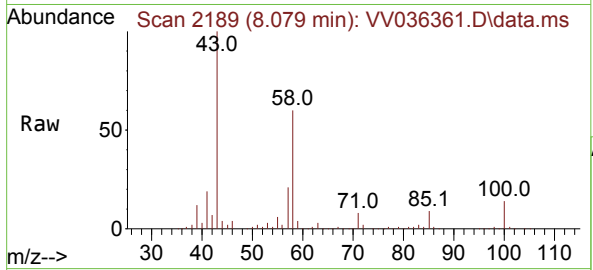
Ion	Ratio	Lower	Upper
164	100		
129	91.6	65.9	122.5
131	87.4	63.3	117.7
166	125.5	90.3	167.7



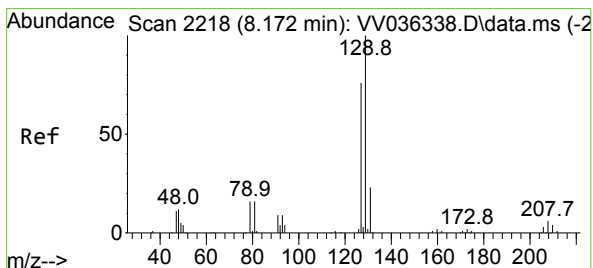
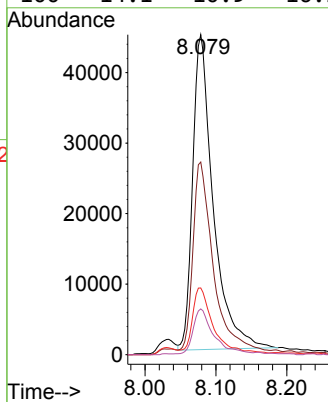
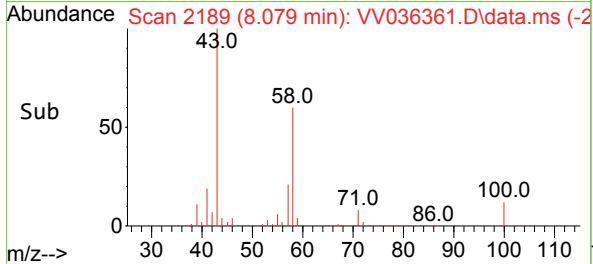


#48
2-Hexanone
Concen: 45.538 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

Instrument :
MSVOA_V
ClientSampleId :

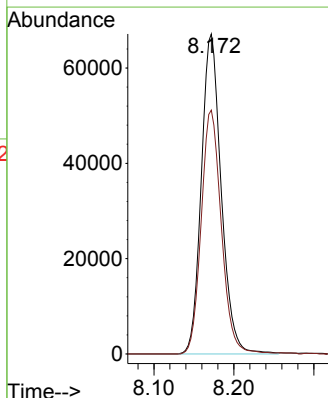
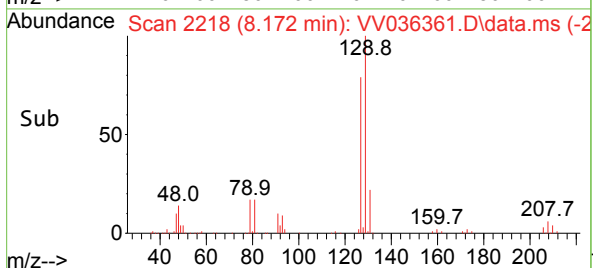
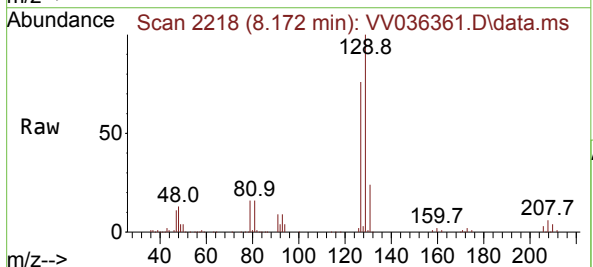


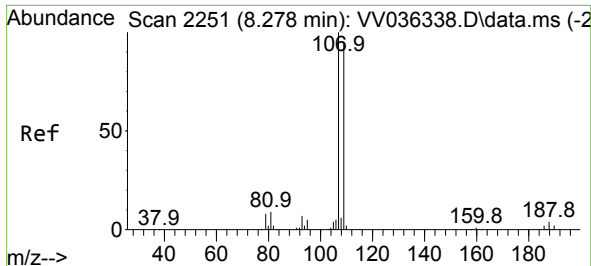
Tgt Ion:	43	Resp:	90154
Ion	Ratio	Lower	Upper
43	100		
58	59.6	48.5	72.7
57	19.1	15.8	23.6
100	14.1	10.9	16.3



#49
Dibromochloromethane
Concen: 26.467 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

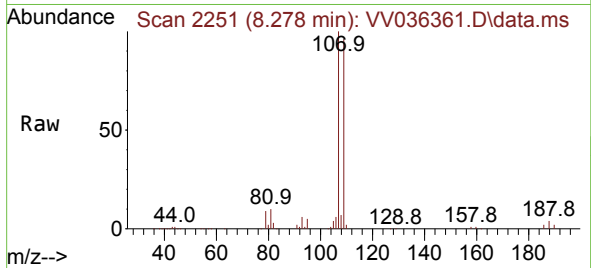
Tgt Ion:	129	Resp:	116386
Ion	Ratio	Lower	Upper
129	100		
127	76.2	54.9	101.9



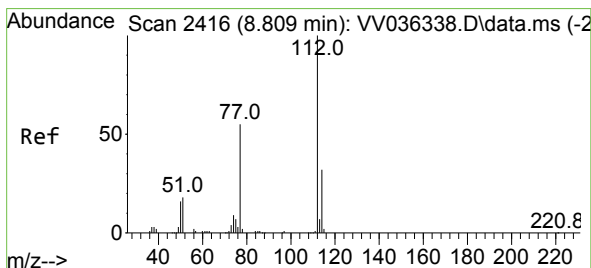
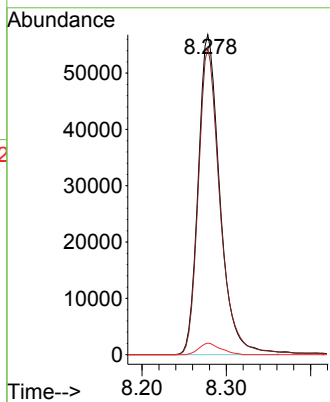
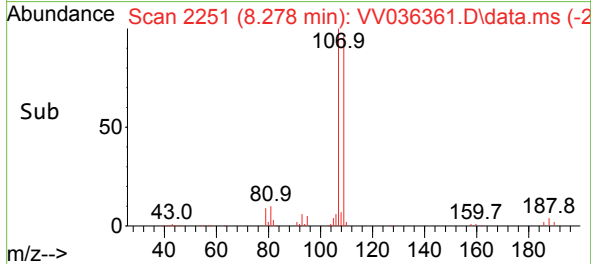


#50
1,2-Dibromoethane
Concen: 26.250 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

Instrument :
MSVOA_V
ClientSampleId :

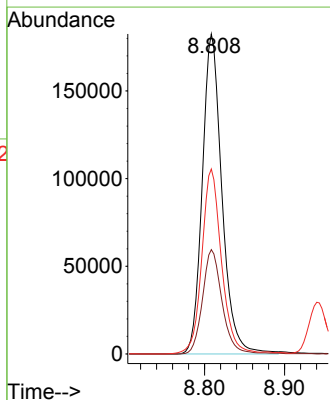
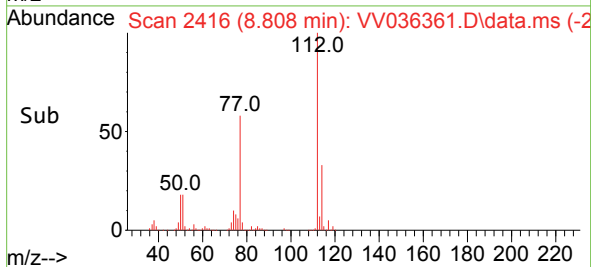
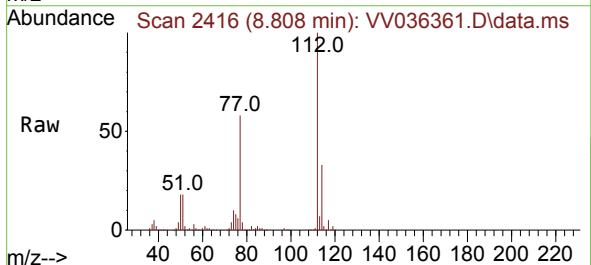


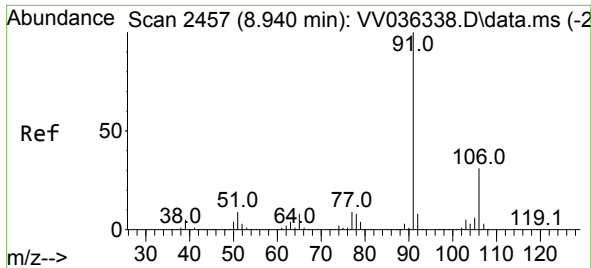
Tgt Ion:107 Resp: 102008
Ion Ratio Lower Upper
107 100
109 95.9 64.7 120.1
188 3.6 3.0 4.6



#51
Chlorobenzene
Concen: 25.009 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

Tgt Ion:112 Resp: 312360
Ion Ratio Lower Upper
112 100
114 32.6 22.8 42.4
77 57.8 46.2 69.2

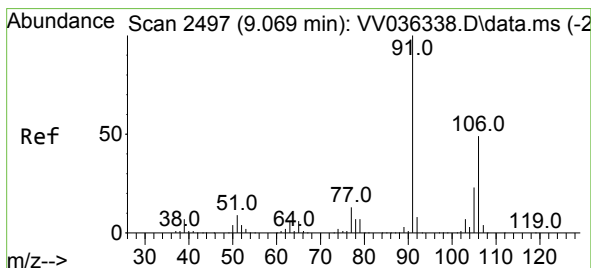
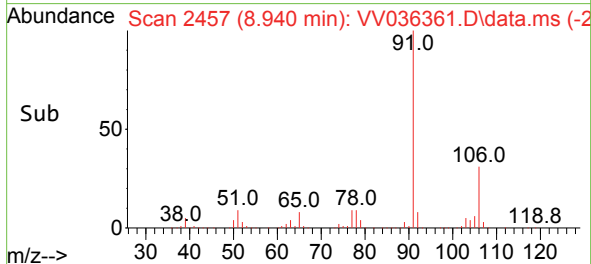
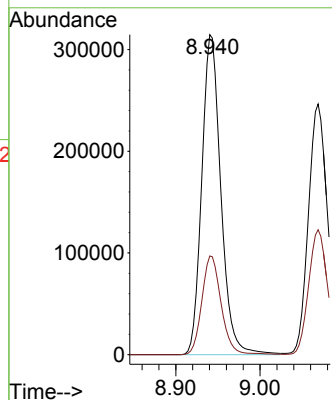
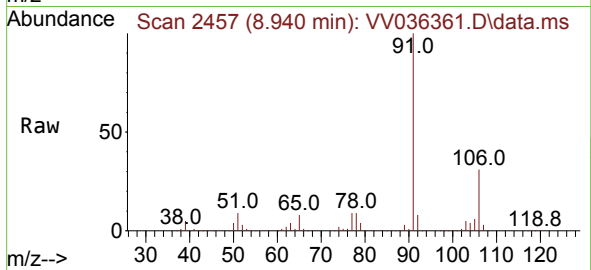




#52
Ethylbenzene
Concen: 25.190 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

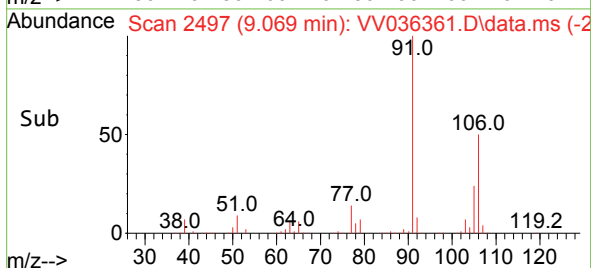
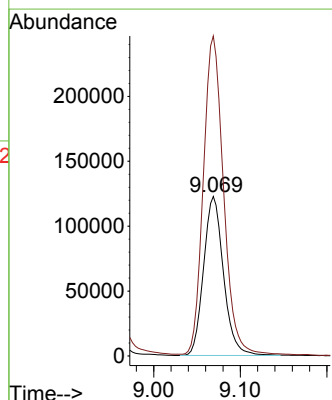
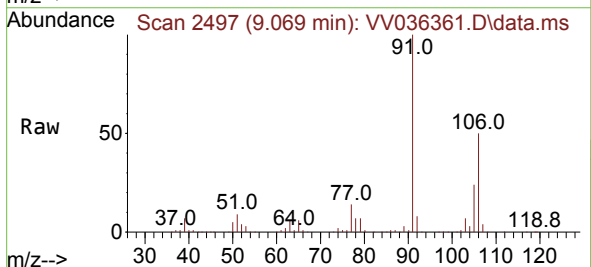
Instrument :
MSVOA_V
ClientSampleId :

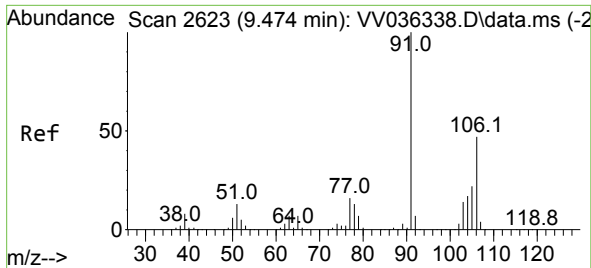
Tgt Ion: 91 Resp: 496704
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.4



#53
m,p-Xylene
Concen: 26.663 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

Tgt Ion: 106 Resp: 195942
Ion Ratio Lower Upper
106 100
91 200.7 142.2 264.0

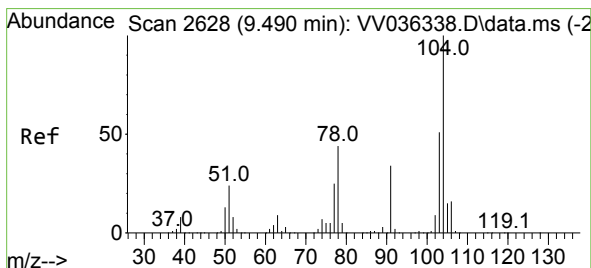
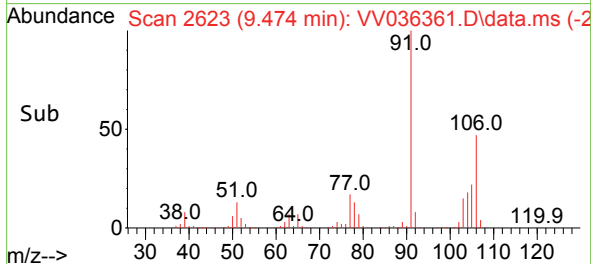
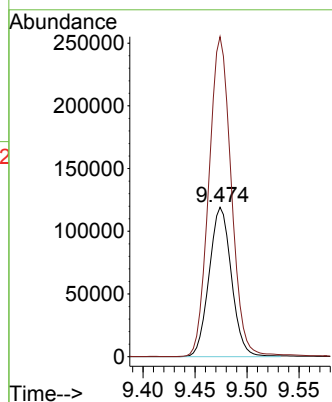
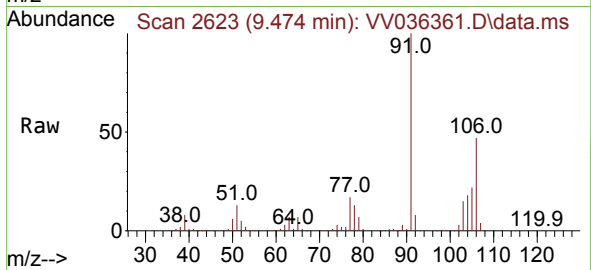




#54
o-Xylene
Concen: 25.735 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

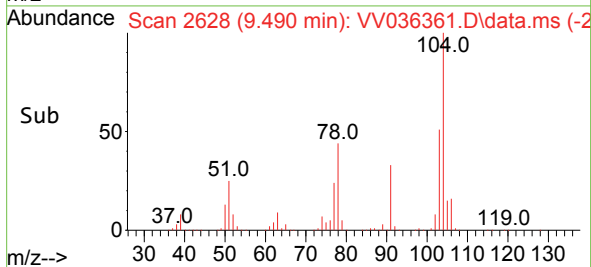
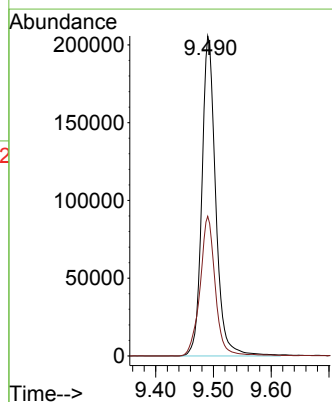
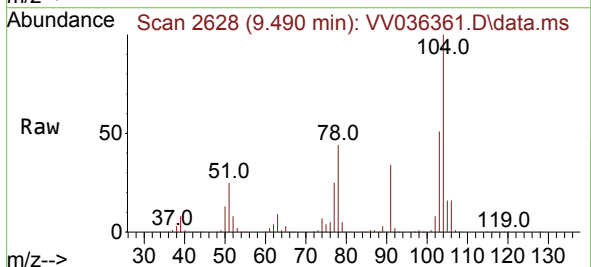
Instrument :
MSVOA_V
ClientSampleId :

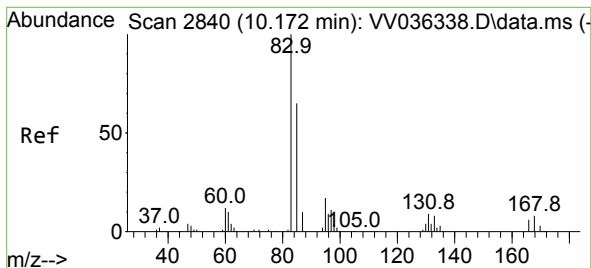
Tgt Ion:106 Resp: 177851
Ion Ratio Lower Upper
106 100
91 214.1 152.7 283.7



#55
Styrene
Concen: 28.364 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

Tgt Ion:104 Resp: 343540
Ion Ratio Lower Upper
104 100
78 43.7 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 26.324 ug/L

RT: 10.175 min Scan# 2840

Delta R.T. 0.003 min

Lab File: VV036361.D

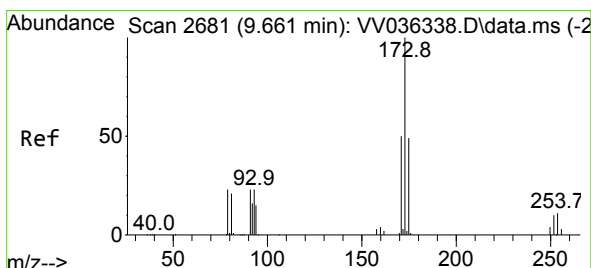
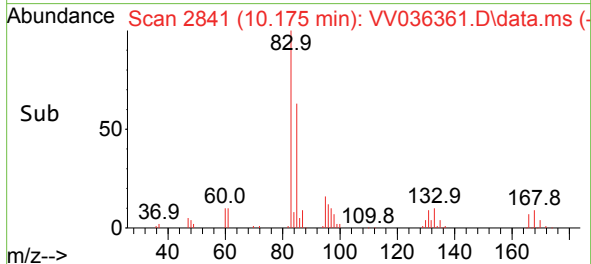
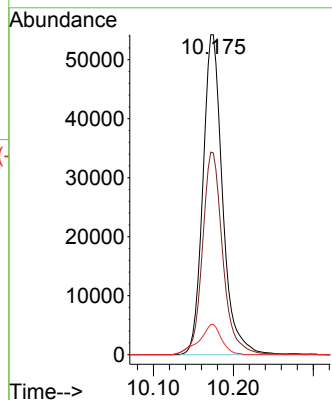
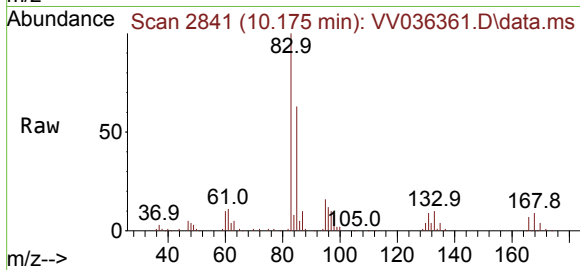
Acq: 01 Jul 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	92934
Ion	Ratio	Lower	Upper
83	100		
85	63.1	45.7	84.9
131	9.5	7.8	11.6



#59

Bromoform

Concen: 24.810 ug/L

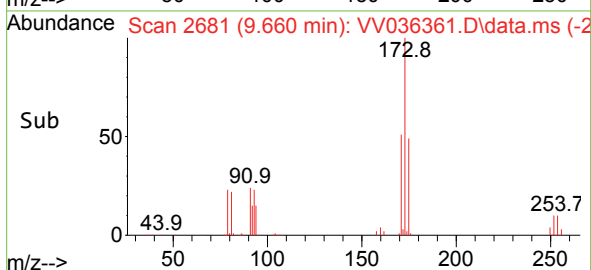
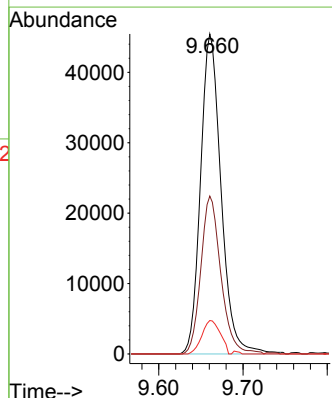
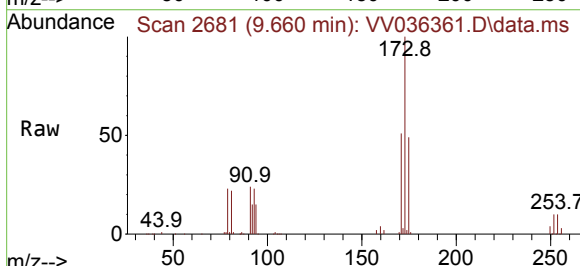
RT: 9.660 min Scan# 2681

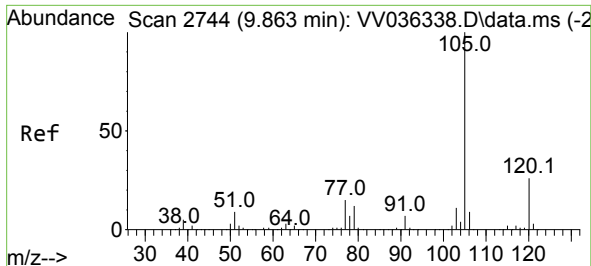
Delta R.T. -0.000 min

Lab File: VV036361.D

Acq: 01 Jul 2024 09:37

Tgt Ion:	173	Resp:	77186
Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.9	58.3
254	9.3	7.2	10.8

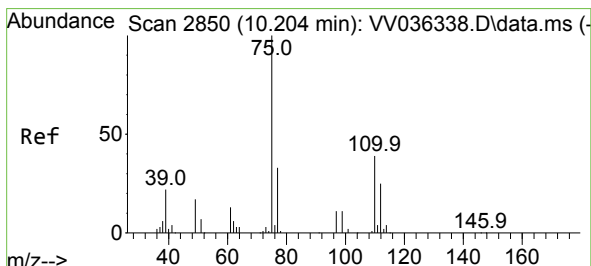
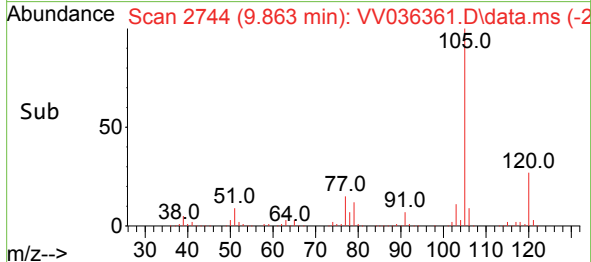
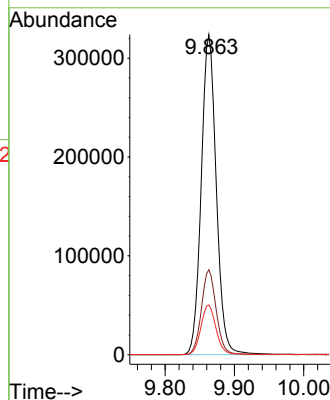
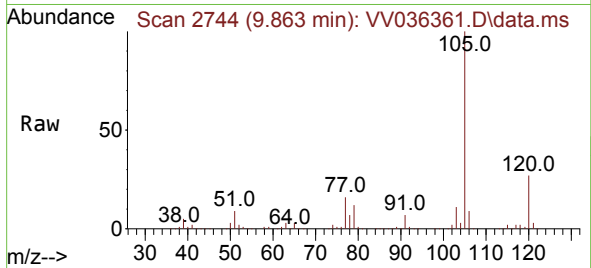




#60
Isopropylbenzene
Concen: 24.551 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

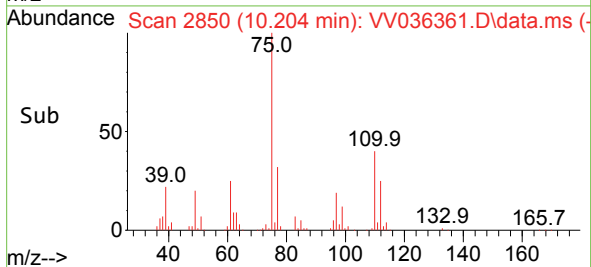
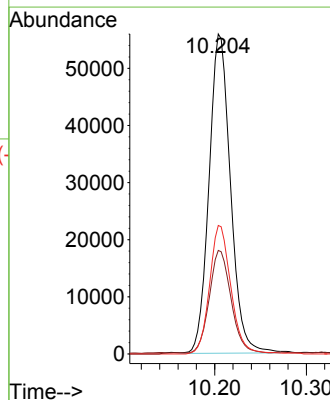
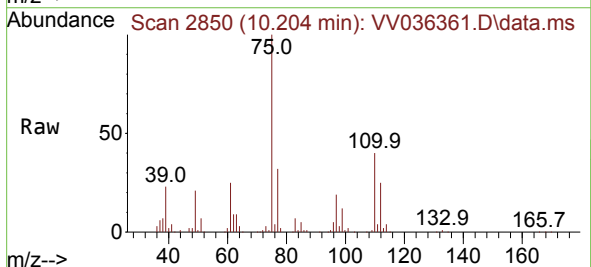
Instrument :
MSVOA_V
ClientSampleId :

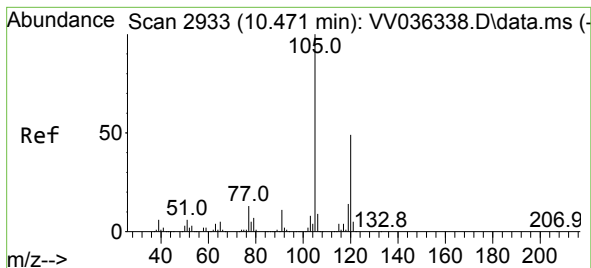
Tgt Ion:105 Resp: 487757
Ion Ratio Lower Upper
105 100
120 26.2 21.2 31.8
77 15.5 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 24.513 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

Tgt Ion: 75 Resp: 90919
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8
110 40.1 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 23.713 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV036361.D

Acq: 01 Jul 2024 09:37

Instrument :

MSVOA_V

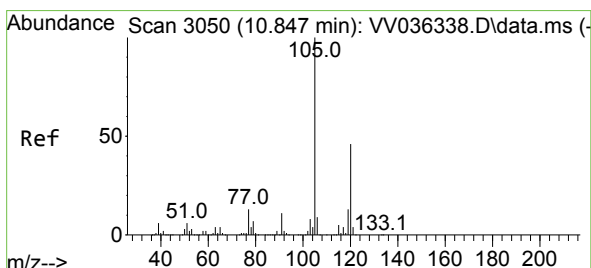
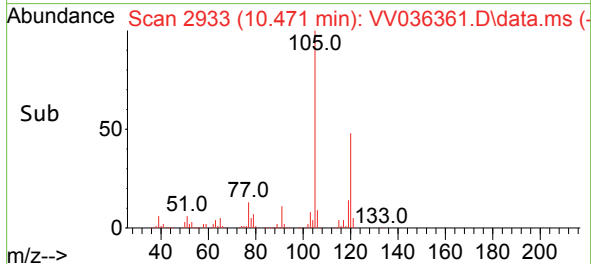
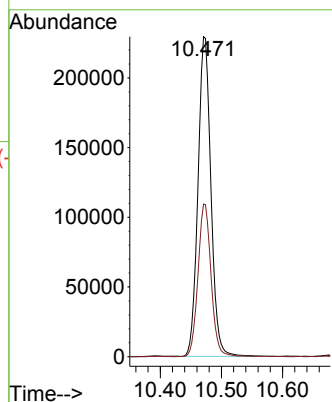
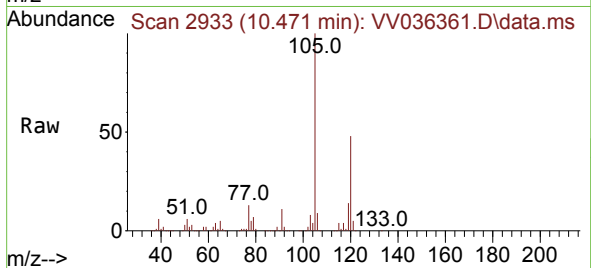
ClientSampleId :

Tgt Ion:105 Resp: 337155

Ion Ratio Lower Upper

105 100

120 48.4 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 24.437 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV036361.D

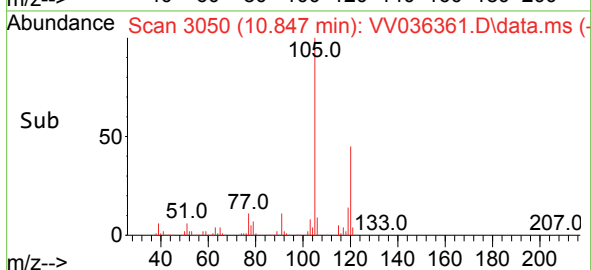
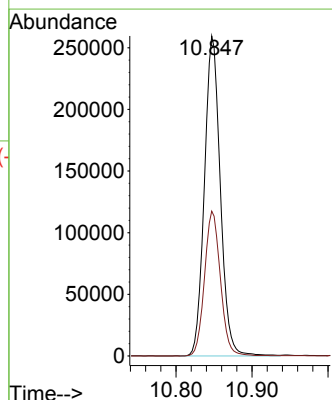
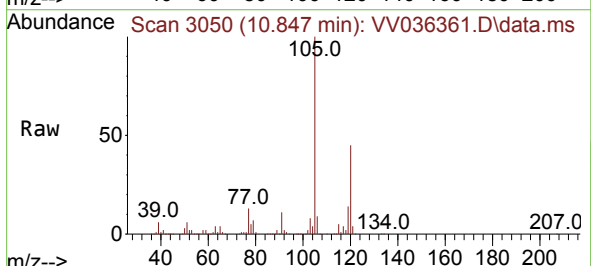
Acq: 01 Jul 2024 09:37

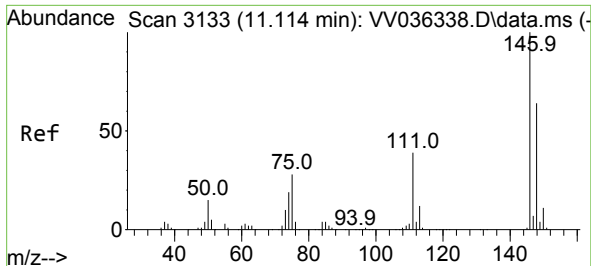
Tgt Ion:105 Resp: 377569

Ion Ratio Lower Upper

105 100

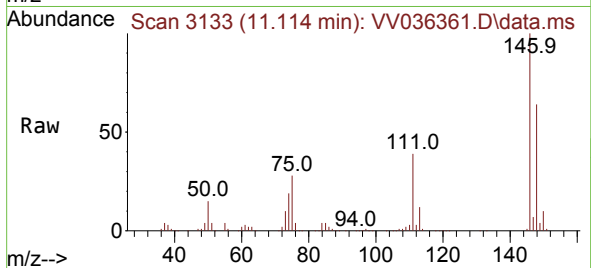
120 45.1 36.2 54.4



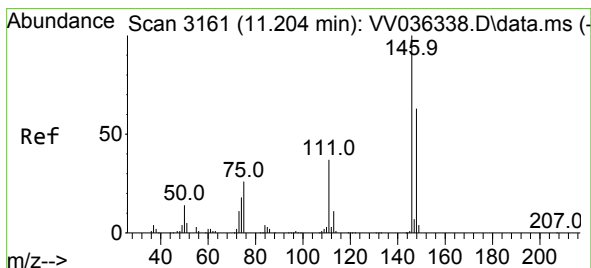
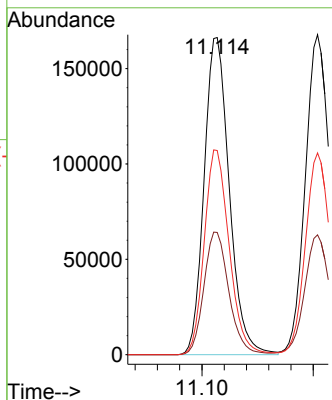
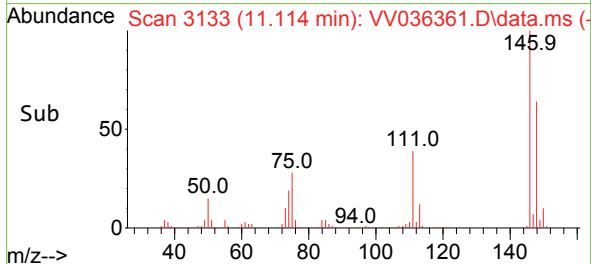


#64
1,3-Dichlorobenzene
Concen: 25.242 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37

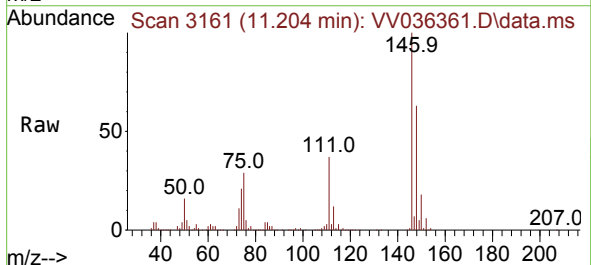
Instrument :
MSVOA_V
ClientSampleId :



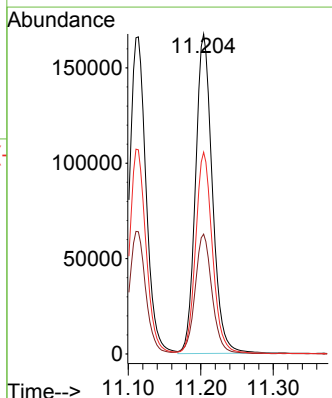
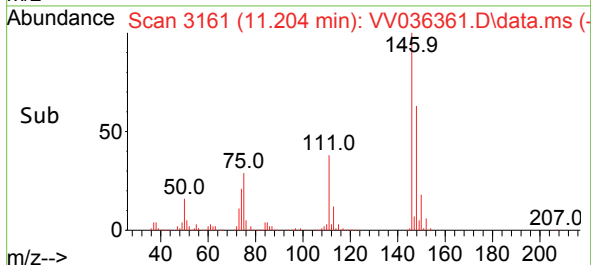
Tgt Ion:146 Resp: 261317
Ion Ratio Lower Upper
146 100
111 38.6 27.5 51.1
148 64.4 44.9 83.3

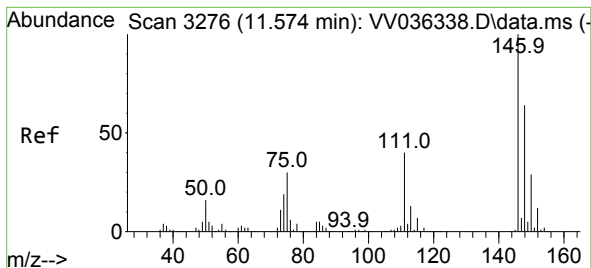


#65
1,4-Dichlorobenzene
Concen: 24.304 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV036361.D
Acq: 01 Jul 2024 09:37



Tgt Ion:146 Resp: 269701
Ion Ratio Lower Upper
146 100
111 37.5 27.5 51.1
148 63.1 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 24.773 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV036361.D

Acq: 01 Jul 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

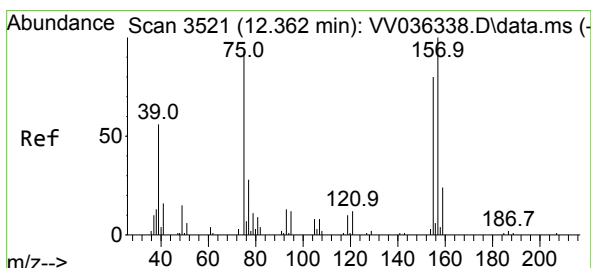
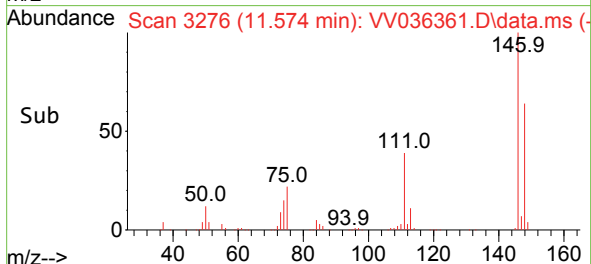
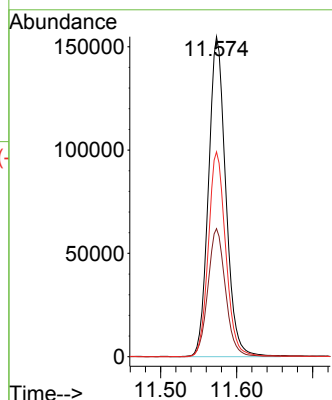
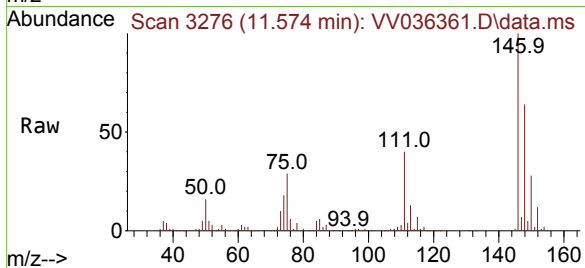
Tgt Ion:146 Resp: 244832

Ion Ratio Lower Upper

146 100

111 40.0 33.3 49.9

148 64.0 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 23.712 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV036361.D

Acq: 01 Jul 2024 09:37

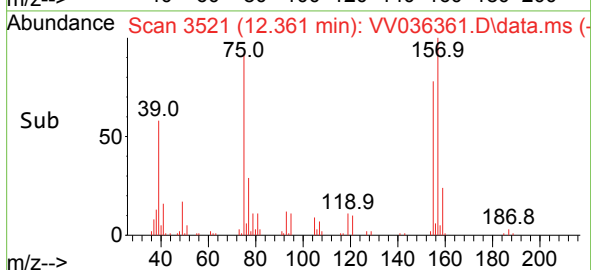
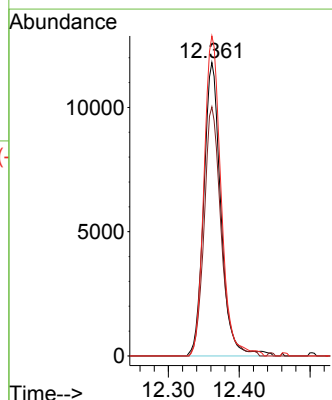
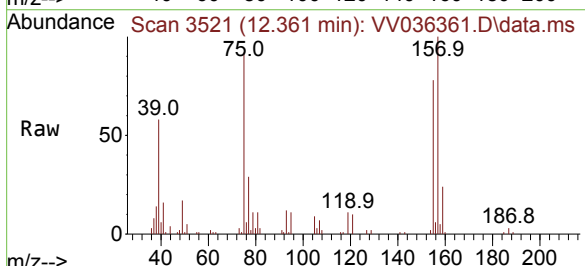
Tgt Ion: 75 Resp: 19731

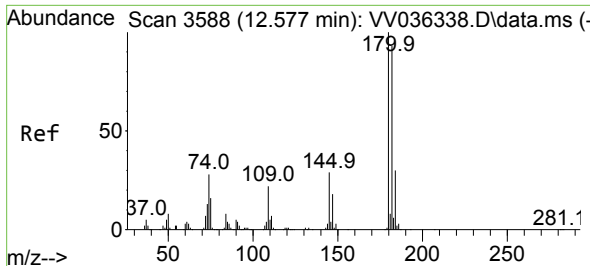
Ion Ratio Lower Upper

75 100

155 84.9 68.3 102.5

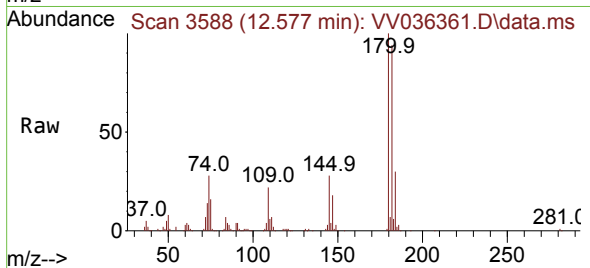
157 109.0 95.7 143.5



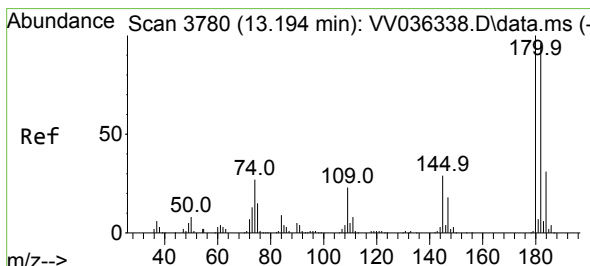
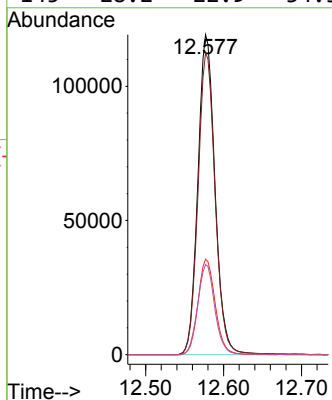
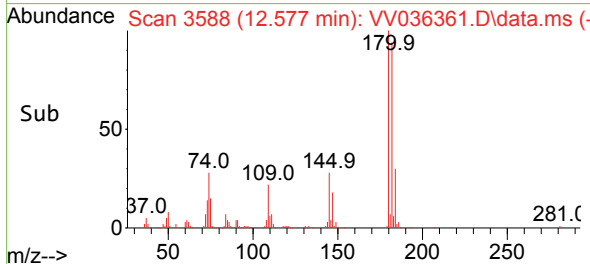


#69
 1,3,5-Trichlorobenzene
 Concen: 23.395 ug/L
 RT: 12.577 min Scan# 3588
 Delta R.T. -0.000 min
 Lab File: VV036361.D
 Acq: 01 Jul 2024 09:37

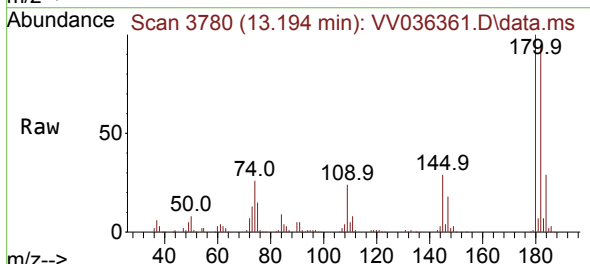
Instrument :
 MSVOA_V
 ClientSampleId :



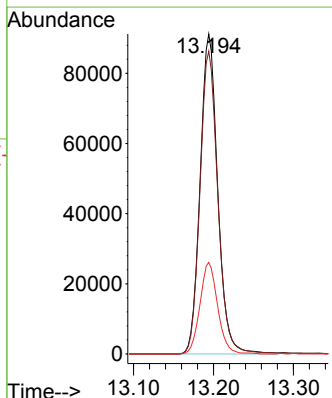
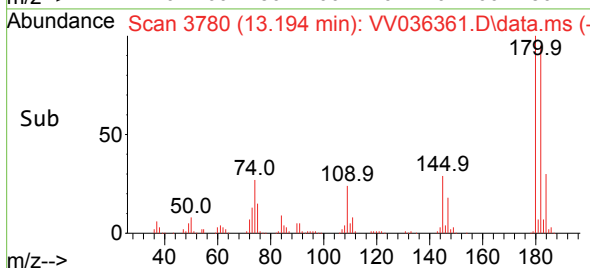
Tgt Ion:180 Resp: 182364
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.2 114.4
 184 29.9 23.3 34.9
 145 28.2 22.9 34.3

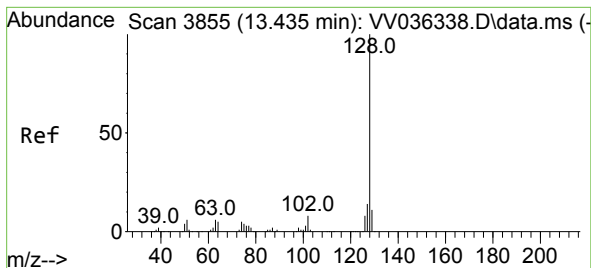


#70
 1,2,4-trichlorobenzene
 Concen: 22.485 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. -0.000 min
 Lab File: VV036361.D
 Acq: 01 Jul 2024 09:37



Tgt Ion:180 Resp: 139773
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.1 114.1
 145 28.6 23.8 35.8





#71

Naphthalene

Concen: 20.159 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV036361.D

Acq: 01 Jul 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

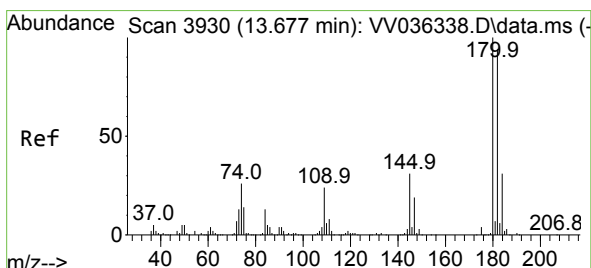
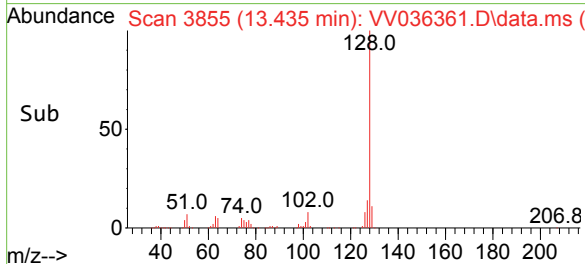
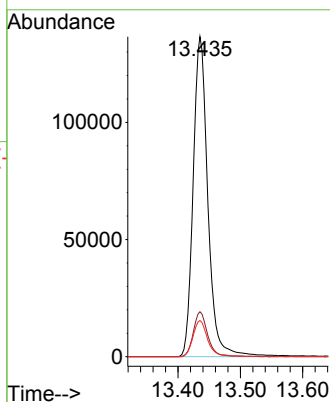
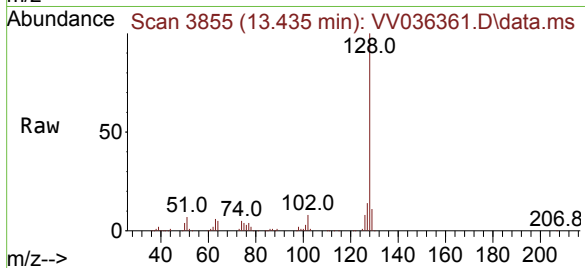
Tgt Ion:128 Resp: 223430

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 23.866 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV036361.D

Acq: 01 Jul 2024 09:37

Tgt Ion:180 Resp: 139507

Ion Ratio Lower Upper

180 100

182 95.1 76.7 115.1

145 30.6 25.0 37.4

