

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
 Data File : VV036000.D
 Acq On : 06 Jun 2024 20:27
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 07 12:30:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 02:16:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	354451	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	334737	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	166325	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	147333	22.609	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.440%		
7) Chloroethane-d5	1.529	69	118201	22.748	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.000%		
11) 1,1-Dichloroethene-d2	2.053	65	63671	21.948	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.800%		
21) 2-Butanone-d5	3.809	46	60940	40.759	ug/L	-0.03
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.520%		
24) Chloroform-d	4.246	84	235668	20.913	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.640%		
26) 1,2-Dichloroethane-d4	4.941	65	113480	19.207	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	76.840%		
32) Benzene-d6	4.957	84	476297	23.938	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.760%		
36) 1,2-Dichloropropane-d6	5.989	67	140496	22.422	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.680%		
41) Toluene-d8	7.239	98	423969	24.149	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.600%		
43) trans-1,3-Dichloroprop...	7.555	79	53404	20.786	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.160%		
47) 2-Hexanone-d5	8.030	63	39132	46.095	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.180%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	95287	20.350	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	81.400%		
66) 1,2-Dichlorobenzene-d4	11.558	152	138883	22.770	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	141343	22.116	ug/L	98
3) Chloromethane	1.214	50	160294	21.855	ug/L	99
5) Vinyl chloride	1.278	62	185049	23.965	ug/L	100
6) Bromomethane	1.484	94	103563	21.620	ug/L	98
8) Chloroethane	1.545	64	111887	23.312	ug/L	98
9) Trichlorofluoromethane	1.709	101	235600	24.569	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	146373	24.052	ug/L	99
12) 1,1-Dichloroethene	2.066	96	132793	23.396	ug/L	95
14) Carbon disulfide	2.236	76	433894	22.013	ug/L	99
15) Methyl Acetate	2.378	43	58921	20.354	ug/L	96
16) Methylene chloride	2.442	84	163488	20.384	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	135373	22.452	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	276987	20.463	ug/L	99
19) 1,1-Dichloroethane	3.108	63	257467	22.423	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	134584	22.214	ug/L	99
22) 2-Butanone	3.892	43	65397	33.092	ug/L #	77
23) Bromochloromethane	4.146	128	62199	20.467	ug/L	97
25) Chloroform	4.272	83	251124	21.261	ug/L	100
27) 1,2-Dichloroethane	5.040	62	150101	20.355	ug/L	99

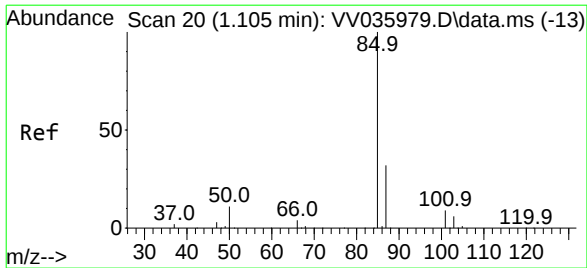
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
 Data File : VV036000.D
 Acq On : 06 Jun 2024 20:27
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 07 12:30:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 02:16:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.577	56	216247	27.133	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	230991	25.242	ug/L	99
31) Carbon tetrachloride	4.728	117	204215	25.437	ug/L	100
33) Benzene	5.008	78	539923	24.662	ug/L	100
34) Trichloroethene	5.831	95	163898	24.427	ug/L	99
35) Methylcyclohexane	6.047	83	241943	26.074	ug/L	99
37) 1,2-Dichloropropane	6.092	63	136571	23.757	ug/L	100
38) Bromodichloromethane	6.432	83	171201	22.501	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	185908	21.622	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	146866	47.024	ug/L	99
42) Toluene	7.313	91	556379	24.871	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	162378	21.864	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	103230	21.703	ug/L	100
46) Tetrachloroethene	7.902	164	115341	23.504	ug/L	99
48) 2-Hexanone	8.079	43	97544	39.949	ug/L	97
49) Dibromochloromethane	8.175	129	111302	21.381	ug/L	100
50) 1,2-Dibromoethane	8.281	107	97749	21.418	ug/L	96
51) Chlorobenzene	8.812	112	344485	22.601	ug/L	100
52) Ethylbenzene	8.944	91	580289	24.245	ug/L	100
53) m,p-Xylene	9.072	106	218132	24.255	ug/L	100
54) o-Xylene	9.477	106	201594	23.770	ug/L	97
55) Styrene	9.493	104	356980	23.869	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	89803	21.085	ug/L	99
59) Bromoform	9.664	173	72368	23.072	ug/L	99
60) Isopropylbenzene	9.863	105	566290	26.538	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	93802	23.846	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	380072	24.563	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	407125	24.421	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	258476	23.066	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	261282	22.589	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	233660	22.158	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	21481	24.420	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	172637	20.595	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	138729	21.019	ug/L	99
71) Naphthalene	13.439	128	254998	23.674	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	131759	21.877	ug/L	98

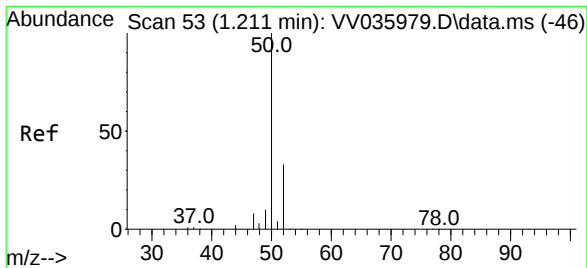
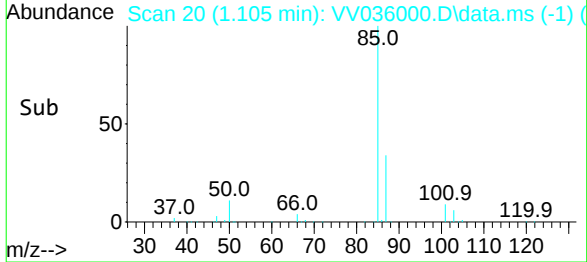
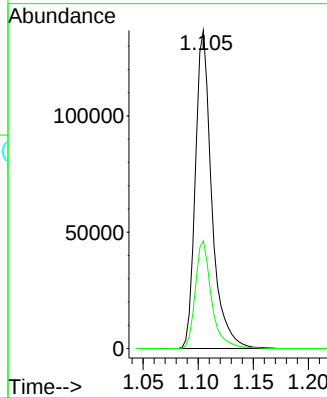
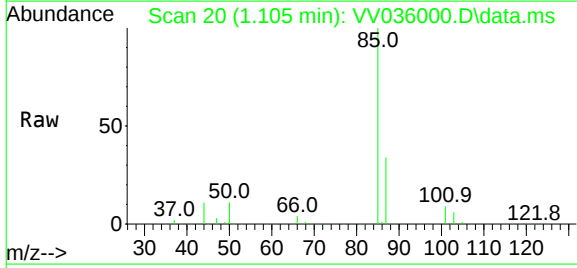
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 22.116 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

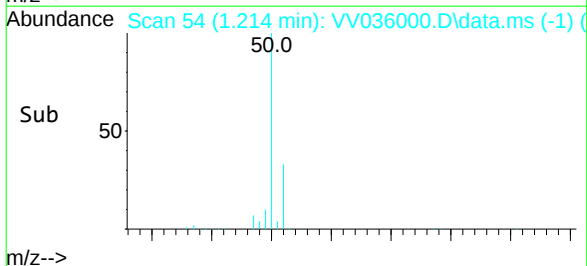
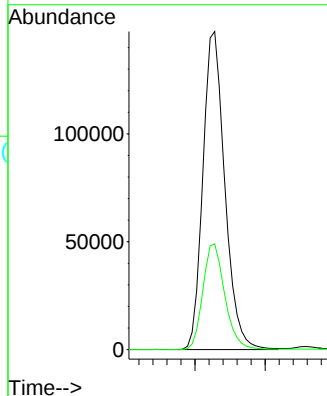
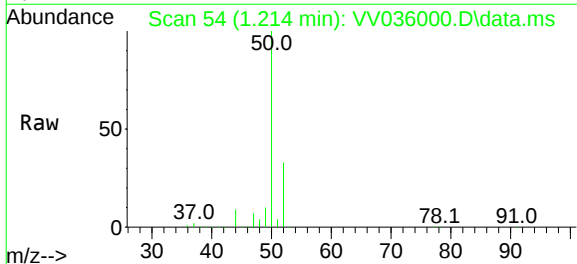
Instrument :
MSVOA_V
ClientSampleId :

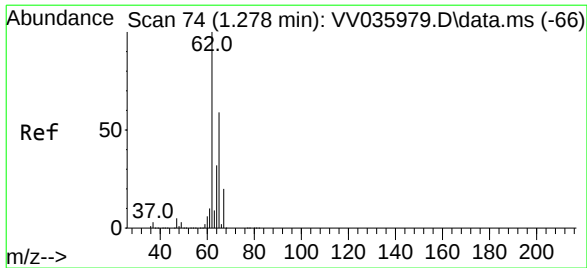
Tgt Ion: 85 Resp: 141343
Ion Ratio Lower Upper
85 100
87 33.4 25.9 38.9



#3
Chloromethane
Concen: 21.855 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

Tgt Ion: 50 Resp: 160294
Ion Ratio Lower Upper
50 100
52 33.2 22.8 42.4

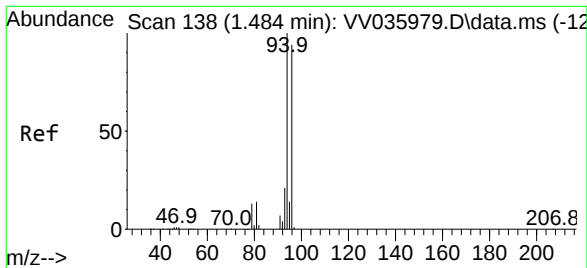
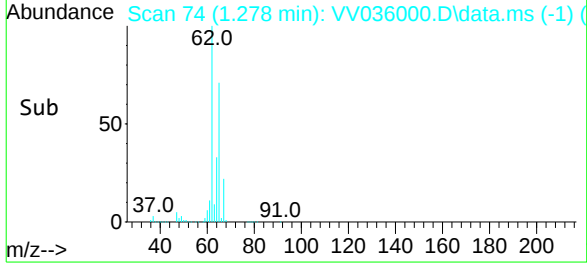
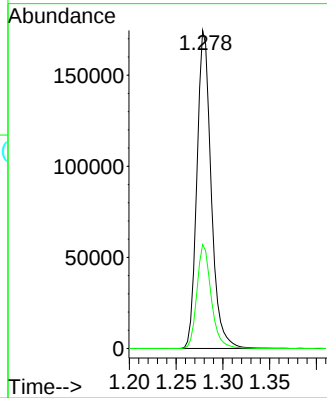
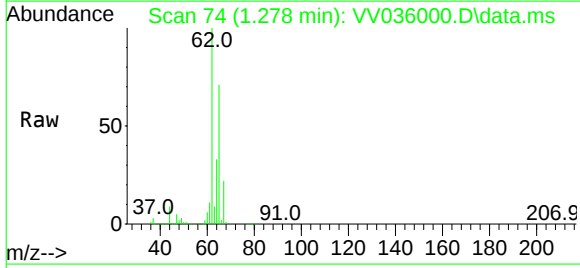




#5
 Vinyl chloride
 Concen: 23.965 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV036000.D
 Acq: 06 Jun 2024 20:27

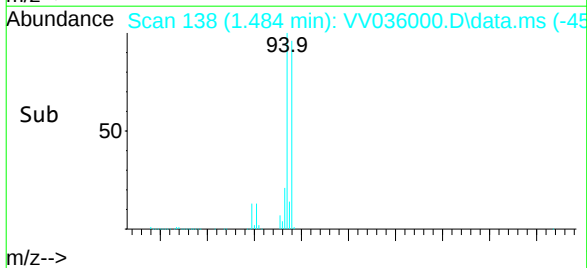
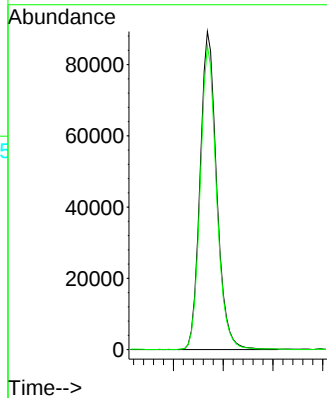
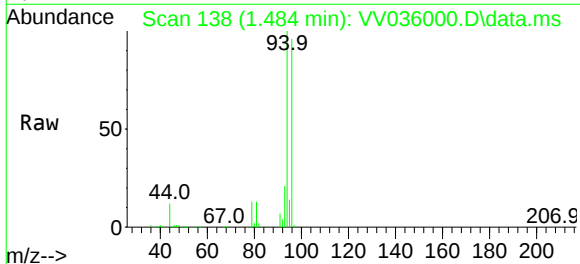
Instrument :
 MSVOA_V
 ClientSampleId :

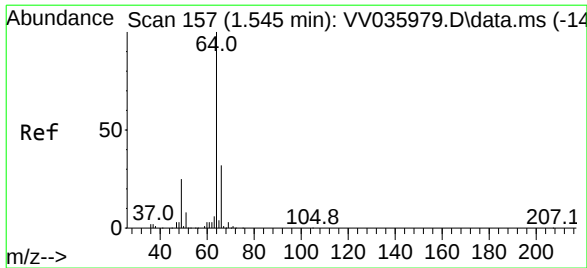
Tgt Ion: 62 Resp: 185049
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 21.620 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV036000.D
 Acq: 06 Jun 2024 20:27

Tgt Ion: 94 Resp: 103563
 Ion Ratio Lower Upper
 94 100
 96 95.5 65.7 122.1

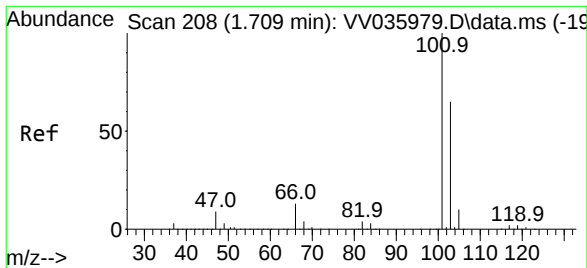
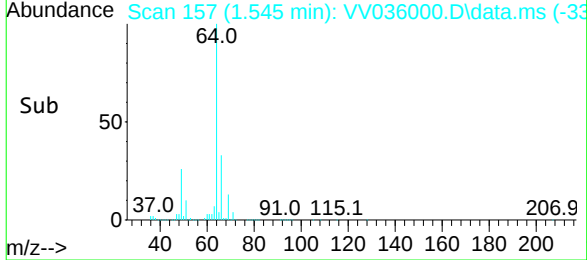
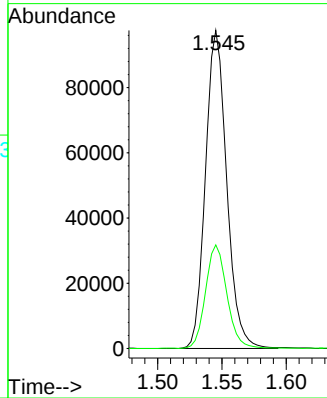
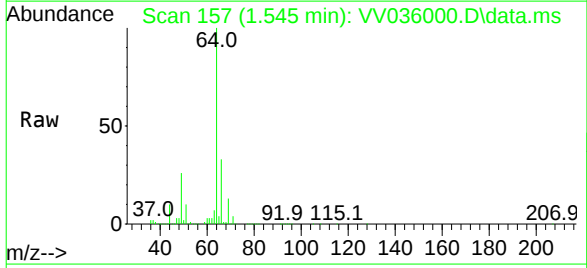




#8
Chloroethane
Concen: 23.312 ug/L
RT: 1.545 min Scan# 15
Delta R.T. 0.000 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

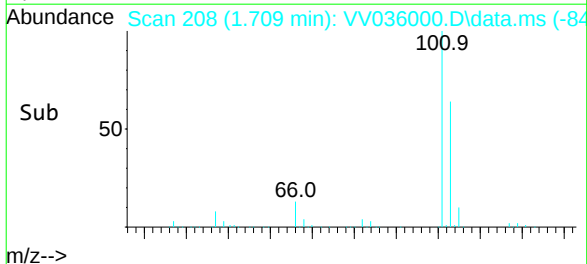
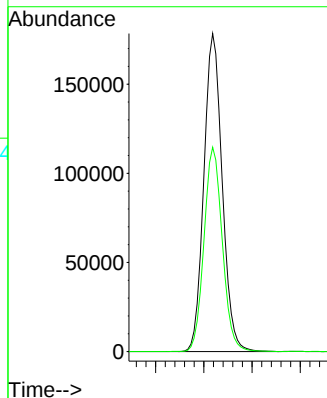
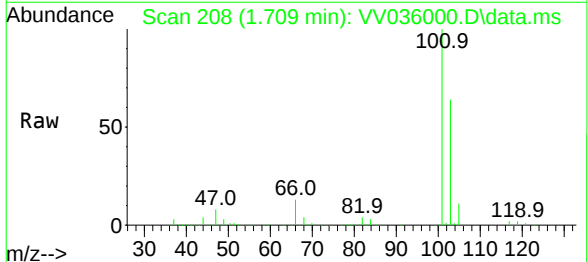
Instrument :
MSVOA_V
ClientSampleId :

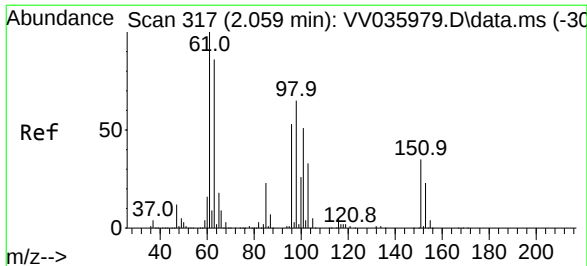
Tgt Ion: 64 Resp: 111887
Ion Ratio Lower Upper
64 100
66 32.6 22.0 41.0



#9
Trichlorofluoromethane
Concen: 24.569 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

Tgt Ion:101 Resp: 235600
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8





#10

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

Concen: 24.052 ug/L

RT: 2.063 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV036000.D

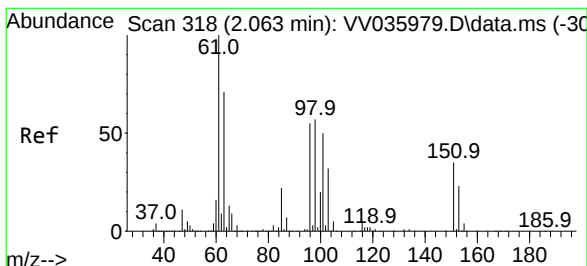
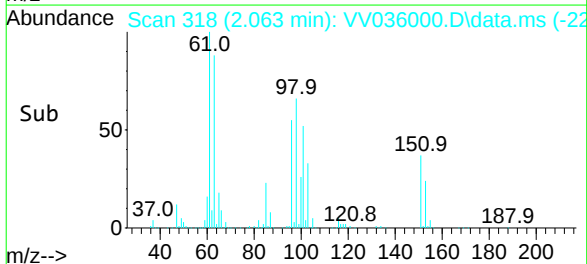
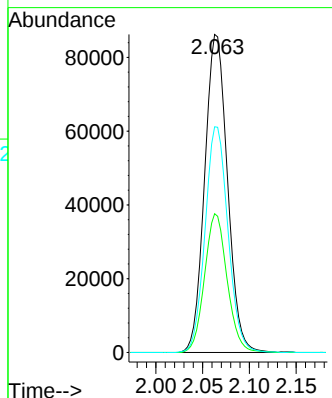
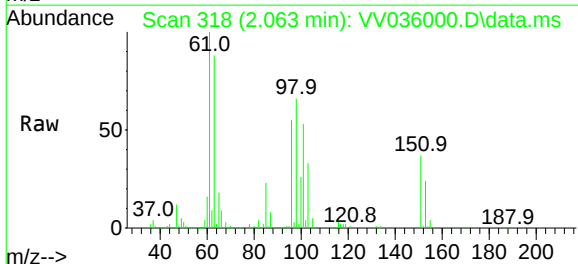
Acq: 06 Jun 2024 20:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	146373
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.5	51.7
151	71.4	56.3	84.5



#12

1,1-Dichloroethene

Concen: 23.396 ug/L

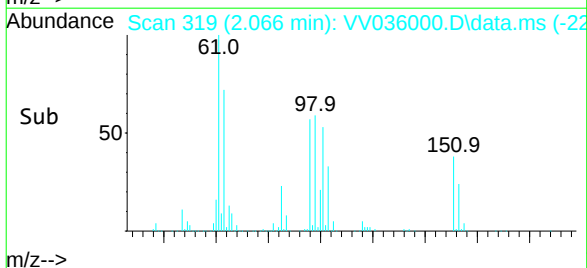
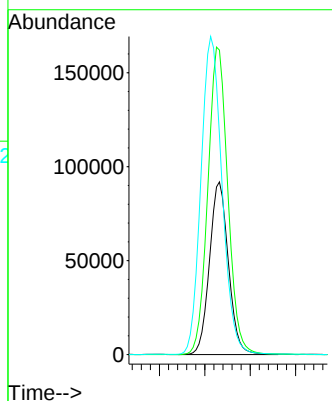
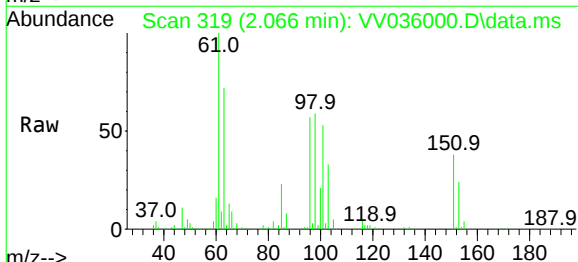
RT: 2.066 min Scan# 319

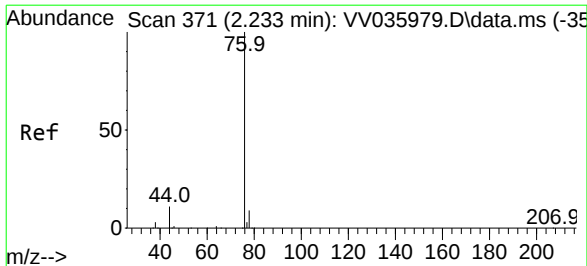
Delta R.T. 0.003 min

Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

Tgt Ion:	96	Resp:	132793
Ion Ratio	Lower	Upper	
96	100		
61	176.3	127.3	236.3
63	127.2	93.7	173.9





#14

Carbon disulfide

Concen: 22.013 ug/L

RT: 2.236 min Scan# 371

Delta R.T. 0.003 min

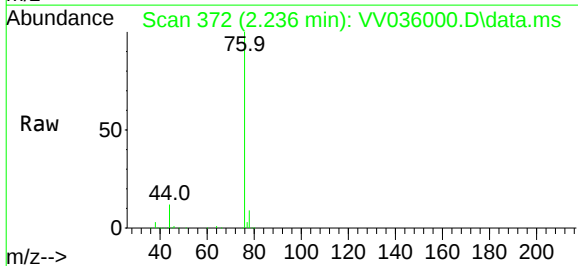
Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

Instrument :

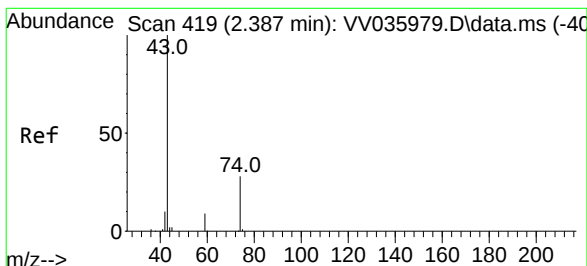
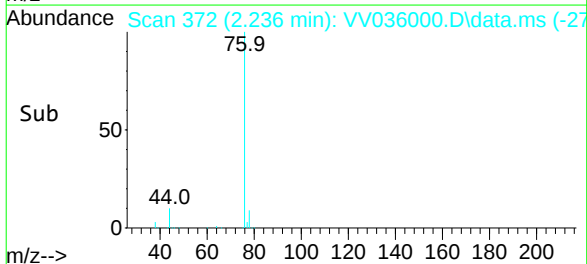
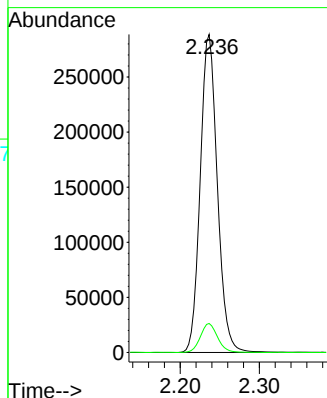
MSVOA_V

ClientSampleId :



Tgt Ion: 76 Resp: 433894

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.2



#15

Methyl Acetate

Concen: 20.354 ug/L

RT: 2.378 min Scan# 416

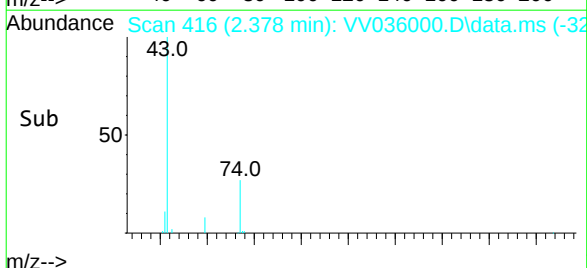
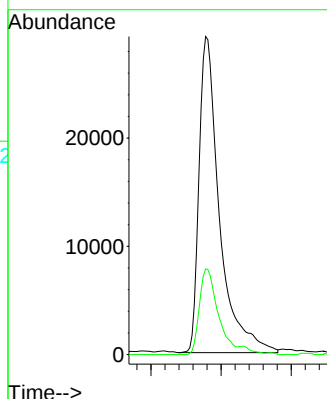
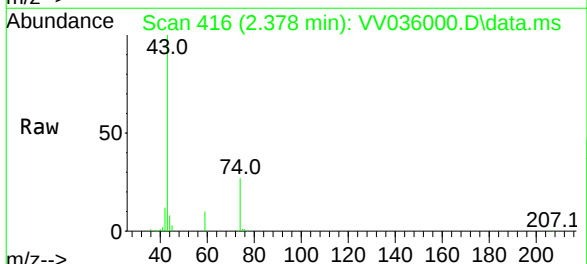
Delta R.T. -0.009 min

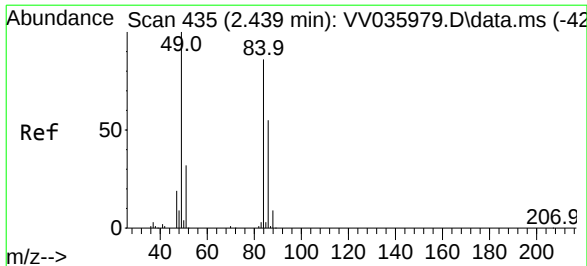
Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

Tgt Ion: 43 Resp: 58921

Ion	Ratio	Lower	Upper
43	100		
74	24.6	21.4	32.2





#16

Methylene chloride

Concen: 20.384 ug/L

RT: 2.442 min Scan# 43

Delta R.T. 0.003 min

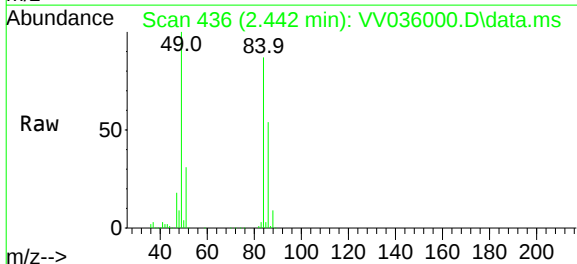
Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

Instrument :

MSVOA_V

ClientSampleId :



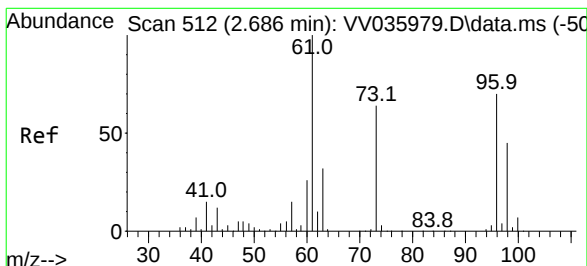
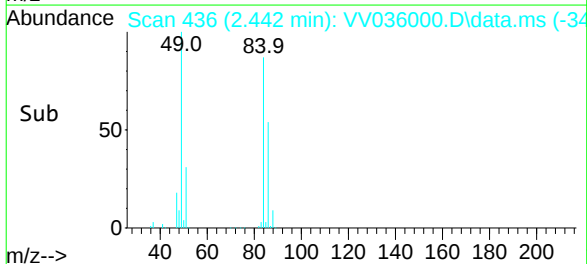
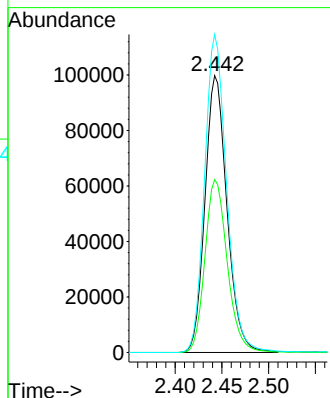
Tgt Ion: 84 Resp: 163488

Ion Ratio Lower Upper

84 100

86 62.4 44.6 82.8

49 114.8 81.1 150.5



#17

trans-1,2-Dichloroethene

Concen: 22.452 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.003 min

Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

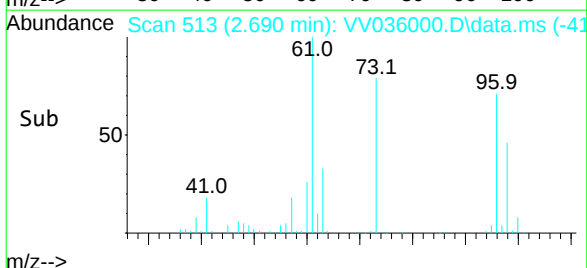
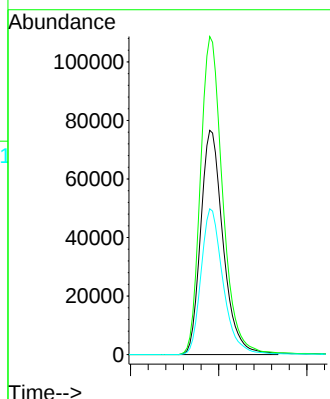
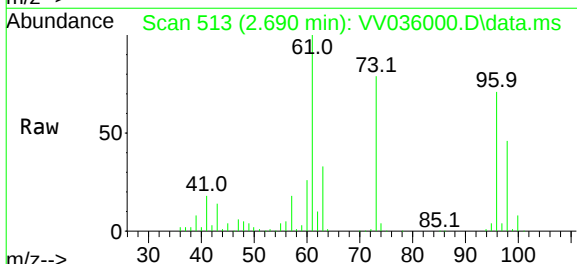
Tgt Ion: 96 Resp: 135373

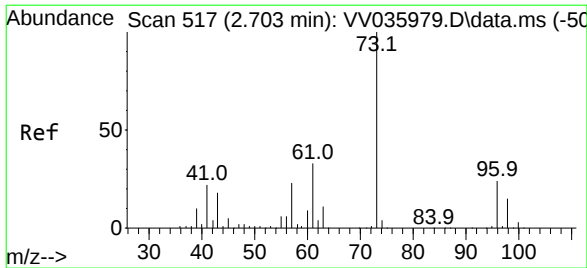
Ion Ratio Lower Upper

96 100

61 141.8 99.4 184.6

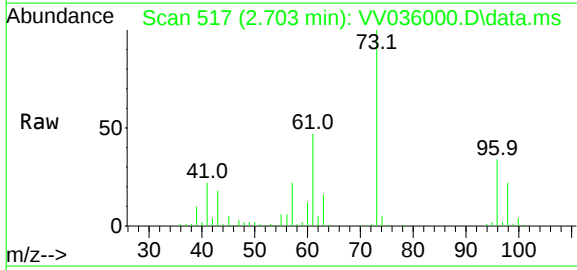
98 65.0 44.9 83.3



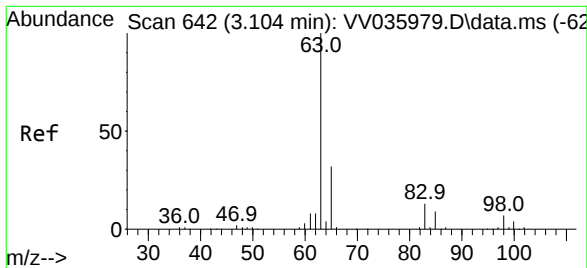
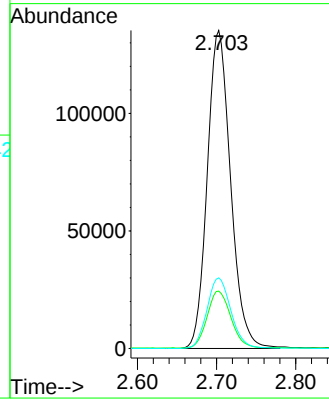
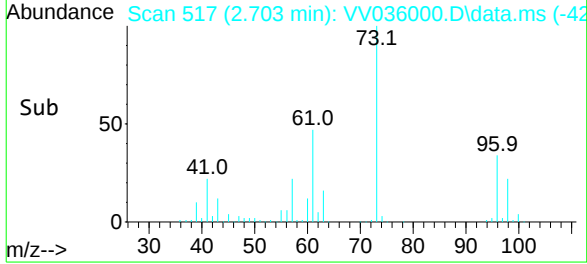


#18
Methyl tert-butyl Ether
Concen: 20.463 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

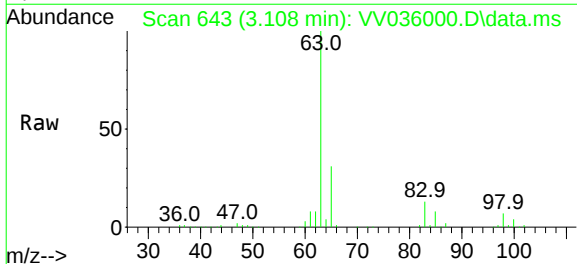
Instrument :
MSVOA_V
ClientSampleId :



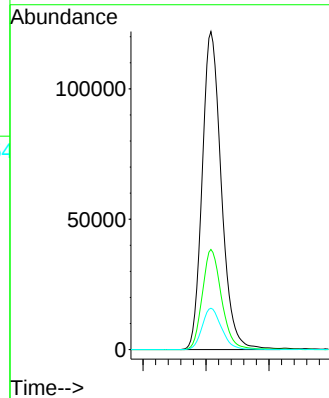
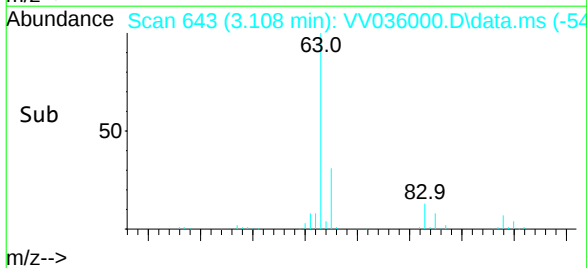
Tgt Ion	Ratio	Lower	Upper
73	100		
43	18.2	14.3	21.5
57	22.9	17.8	26.6

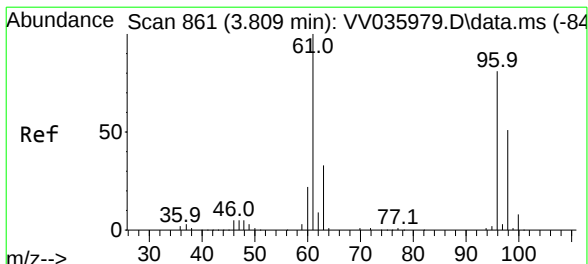


#19
1,1-Dichloroethane
Concen: 22.423 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27



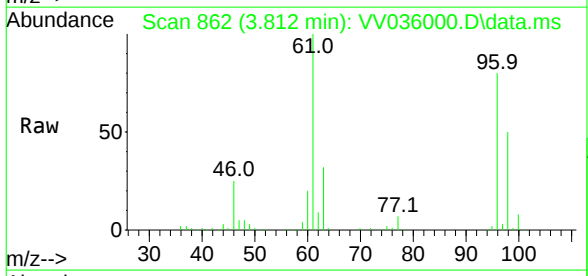
Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.4	41.6
83	13.0	9.2	17.0





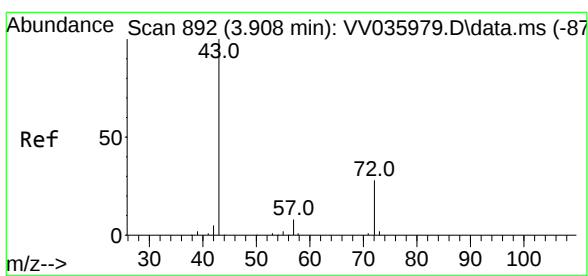
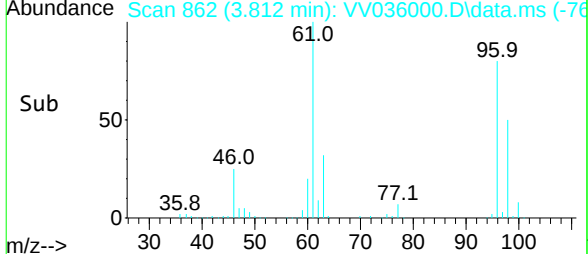
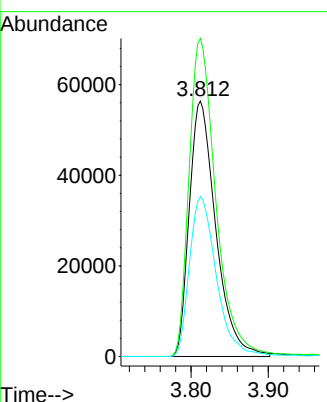
#20
 cis-1,2-Dichloroethene
 Concen: 22.214 ug/L
 RT: 3.812 min Scan# 861
 Delta R.T. 0.003 min
 Lab File: VV036000.D
 Acq: 06 Jun 2024 20:27

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 134584

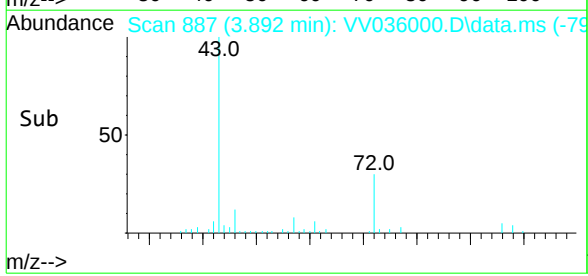
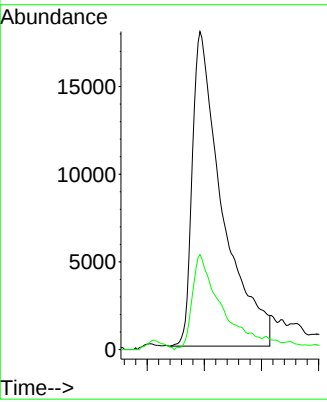
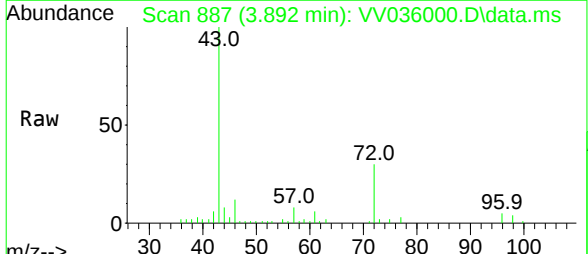
Ion	Ratio	Lower	Upper
96	100		
61	124.5	87.9	163.3
98	62.5	44.4	82.5

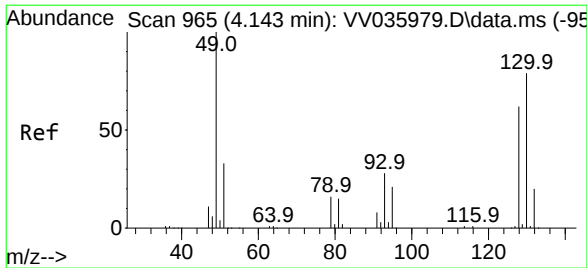


#22
 2-Butanone
 Concen: 33.092 ug/L
 RT: 3.892 min Scan# 887
 Delta R.T. -0.016 min
 Lab File: VV036000.D
 Acq: 06 Jun 2024 20:27

Tgt Ion: 43 Resp: 65397

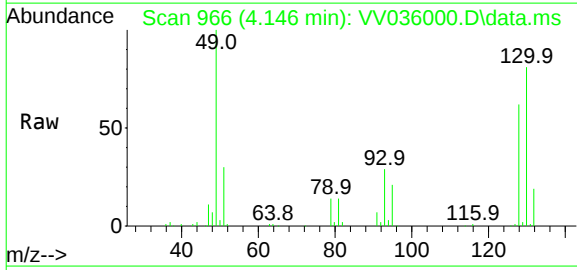
Ion	Ratio	Lower	Upper
43	100		
72	26.0	8.2	24.4



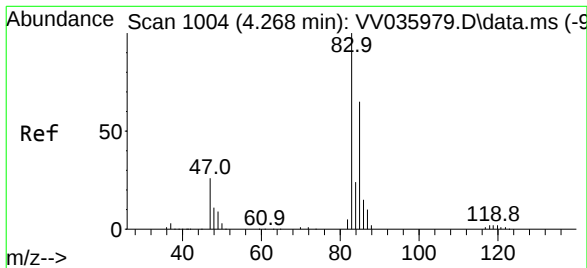
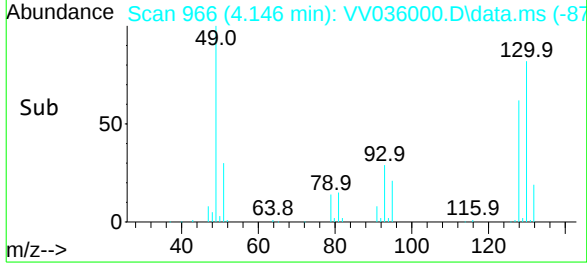
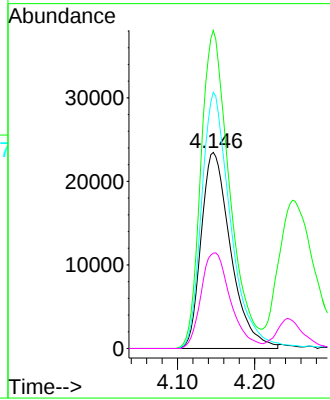


#23
Bromochloromethane
Concen: 20.467 ug/L
RT: 4.146 min Scan# 965
Delta R.T. 0.003 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

Instrument :
MSVOA_V
ClientSampleId :

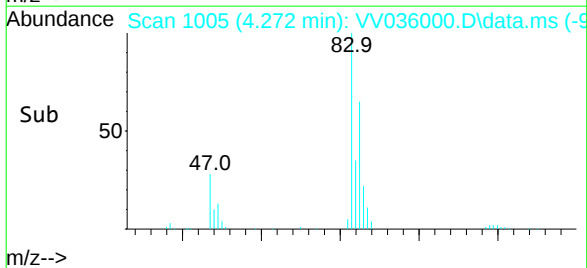
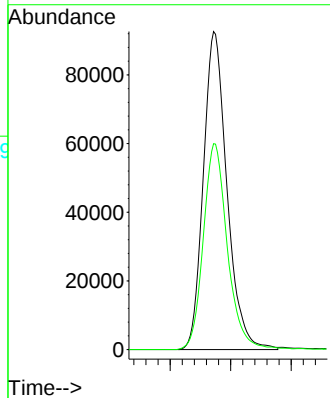
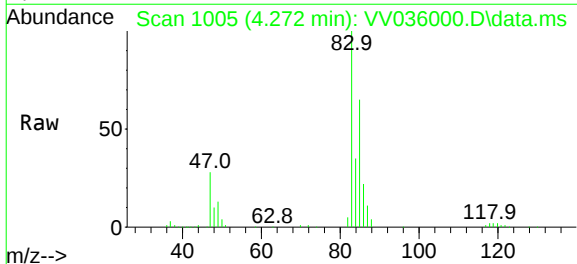


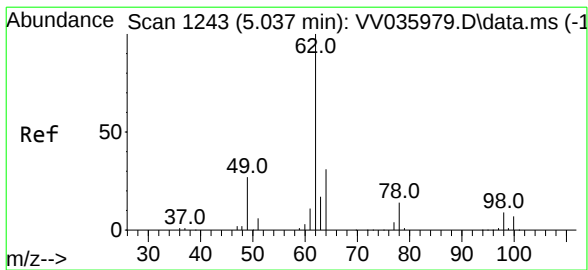
Tgt Ion	Ratio	Lower	Upper
128	100		
49	162.3	110.2	204.6
130	130.7	90.2	167.4
51	48.6	40.2	60.2



#25
Chloroform
Concen: 21.261 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	45.2	84.0

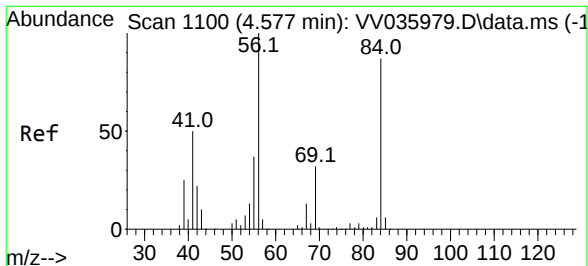
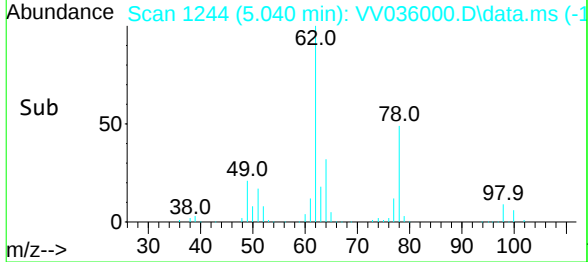
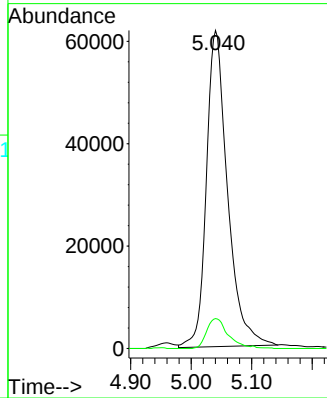
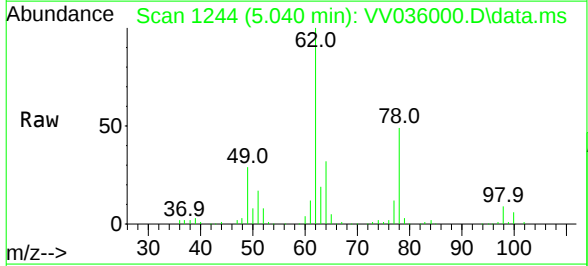




#27
1,2-Dichloroethane
Concen: 20.355 ug/L
RT: 5.040 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

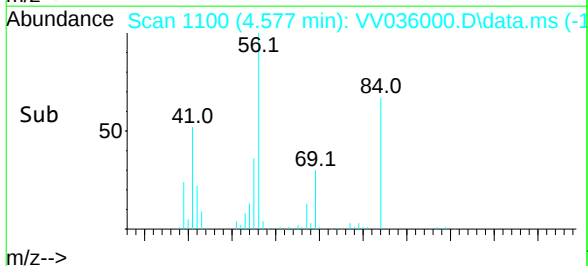
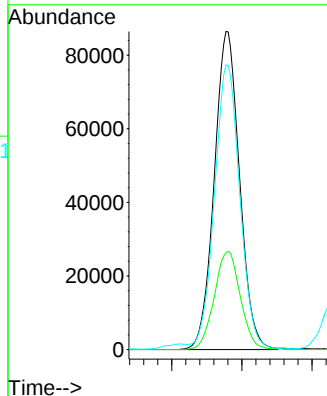
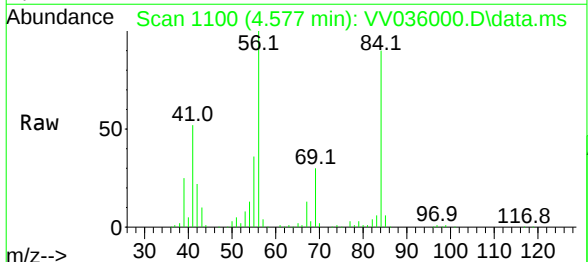
Instrument :
MSVOA_V
ClientSampleId :

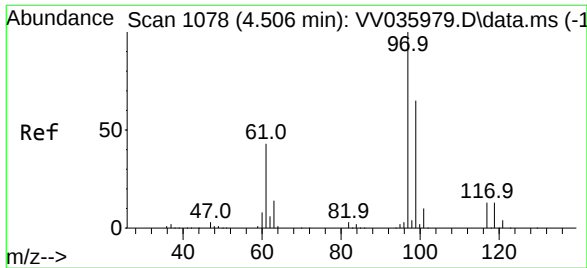
Tgt Ion: 62 Resp: 150101
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.6



#29
Cyclohexane
Concen: 27.133 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

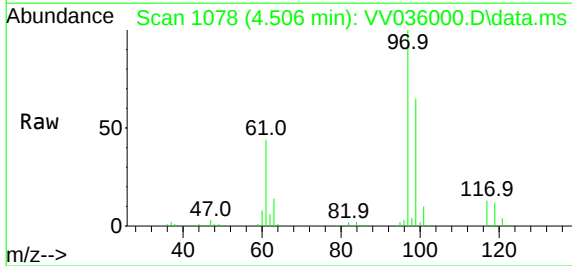
Tgt Ion: 56 Resp: 216247
Ion Ratio Lower Upper
56 100
69 31.8 25.2 37.8
84 89.8 72.2 108.2



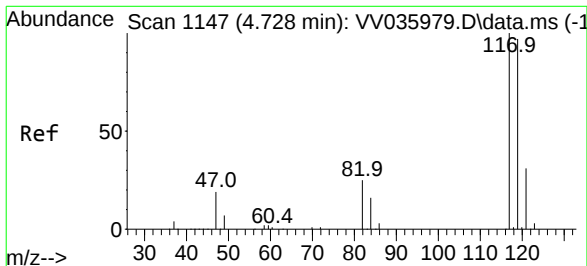
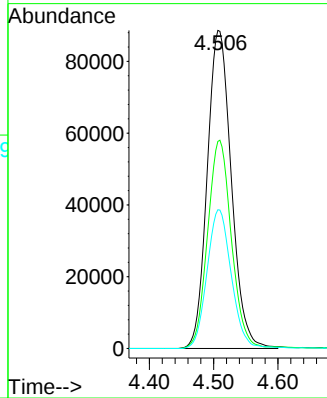
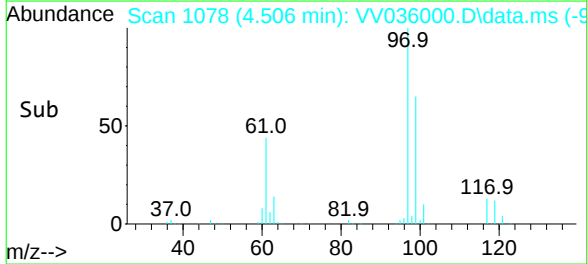


#30
1,1,1-Trichloroethane
Concen: 25.242 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

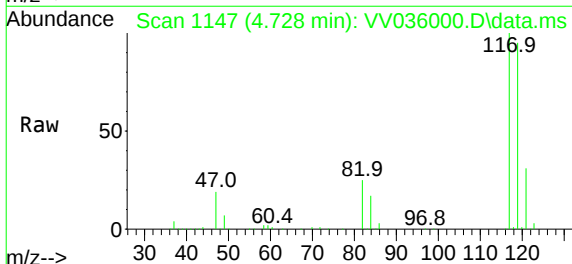
Instrument :
MSVOA_V
ClientSampleId :



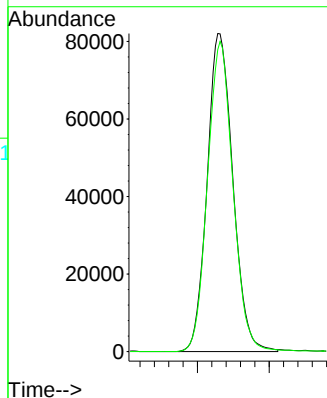
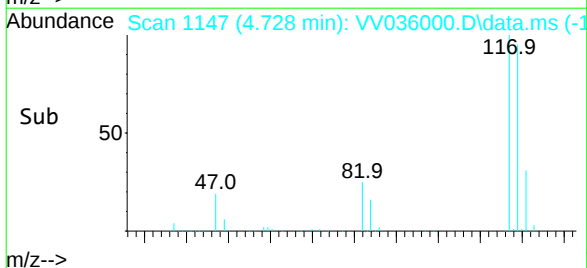
Tgt Ion: 97 Resp: 230991
Ion Ratio Lower Upper
97 100
99 64.5 50.9 76.3
61 43.9 35.0 52.6

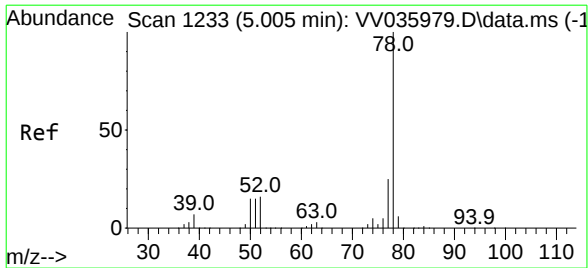


#31
Carbon tetrachloride
Concen: 25.437 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27



Tgt Ion: 117 Resp: 204215
Ion Ratio Lower Upper
117 100
119 96.2 76.8 115.2





#33

Benzene

Concen: 24.662 ug/L

RT: 5.008 min Scan# 12

Delta R.T. 0.003 min

Lab File: VV036000.D

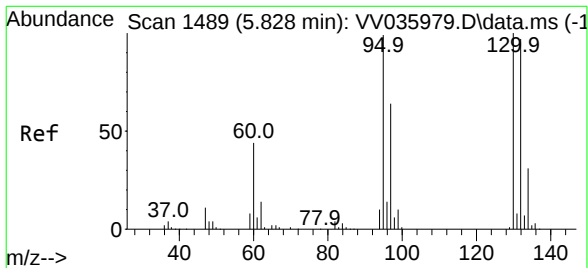
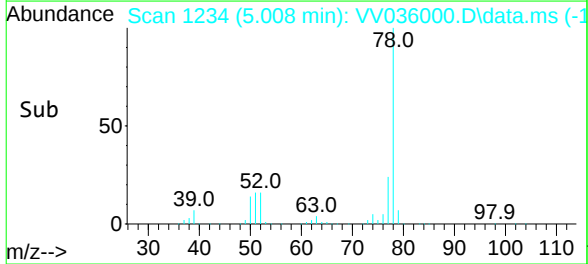
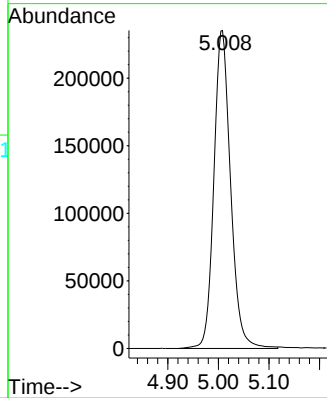
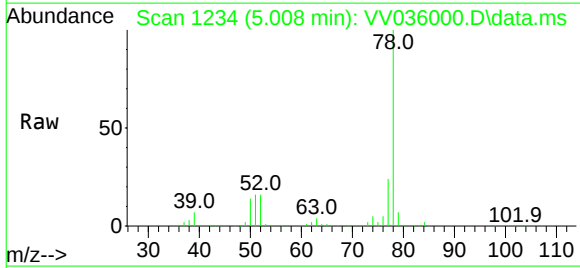
Acq: 06 Jun 2024 20:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 539923



#34

Trichloroethene

Concen: 24.427 ug/L

RT: 5.831 min Scan# 1490

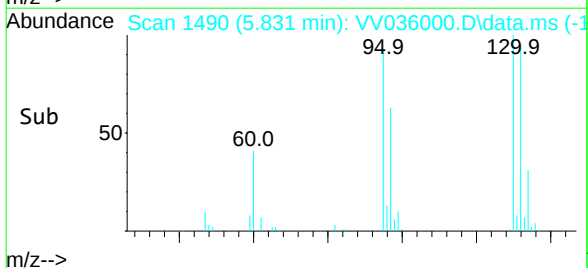
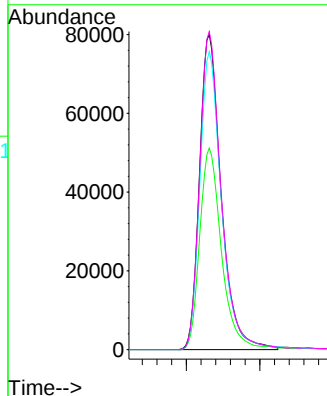
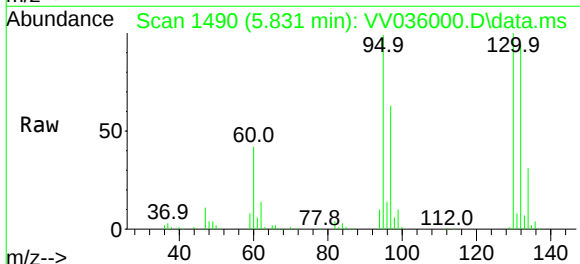
Delta R.T. 0.003 min

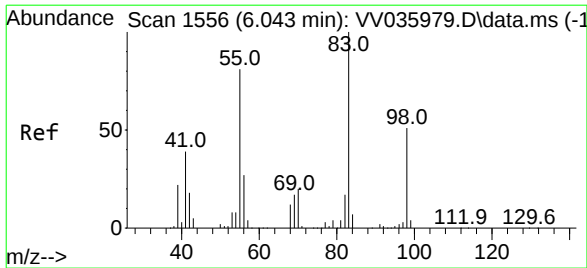
Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

Tgt Ion: 95 Resp: 163898

Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.8	83.2
132	94.6	66.8	124.2
130	101.0	70.0	130.0

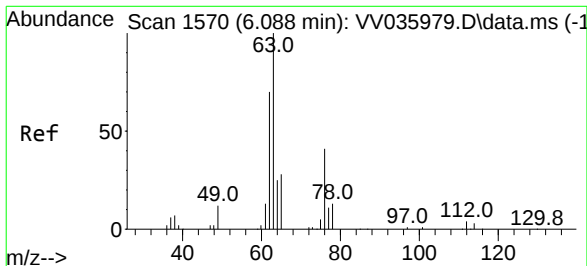
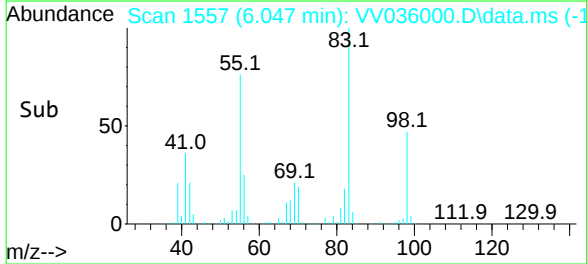
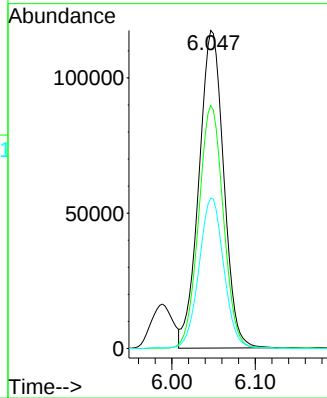
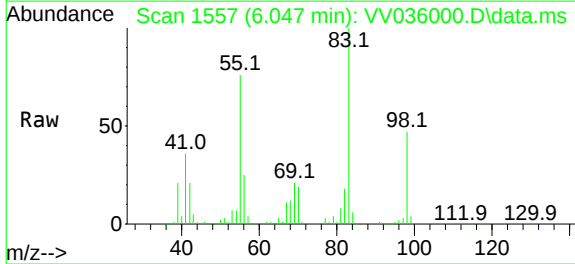




#35
Methylcyclohexane
Concen: 26.074 ug/L
RT: 6.047 min Scan# 1556
Delta R.T. 0.003 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

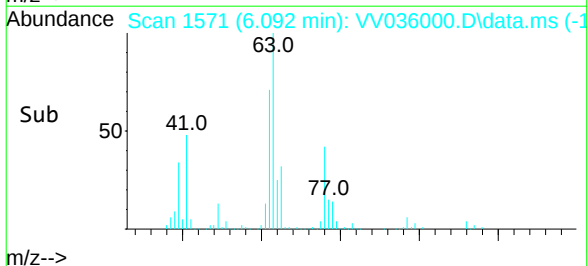
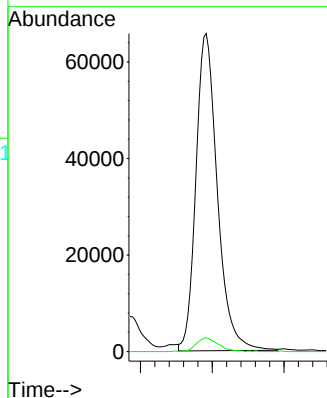
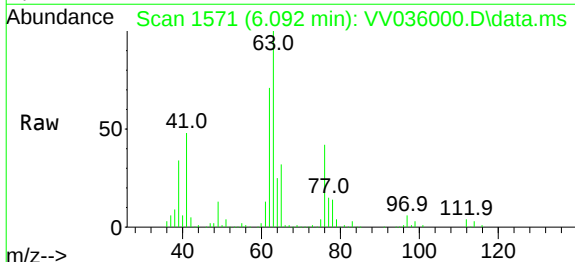
Instrument :
MSVOA_V
ClientSampleId :

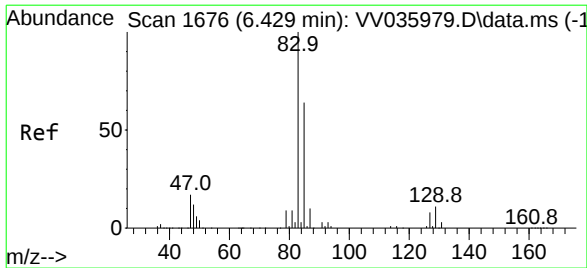
Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.2	60.7	91.1
98	47.6	38.7	58.1



#37
1,2-Dichloropropane
Concen: 23.757 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.003 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

Tgt Ion	Ratio	Lower	Upper
63	100		
112	4.4	3.5	5.3





#38

Bromodichloromethane

Concen: 22.501 ug/L

RT: 6.432 min Scan# 1676

Delta R.T. 0.003 min

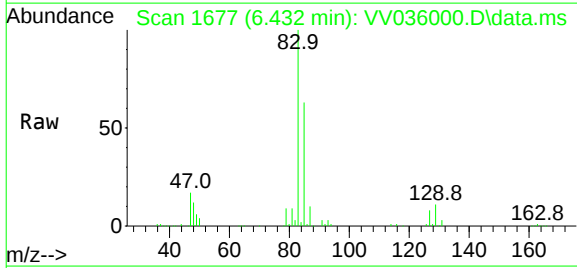
Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

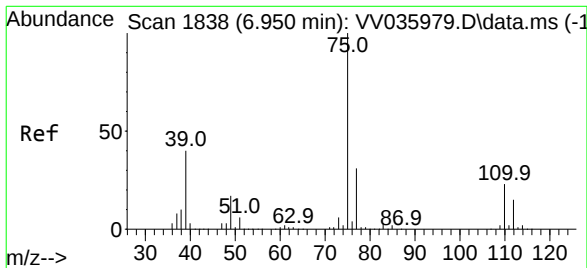
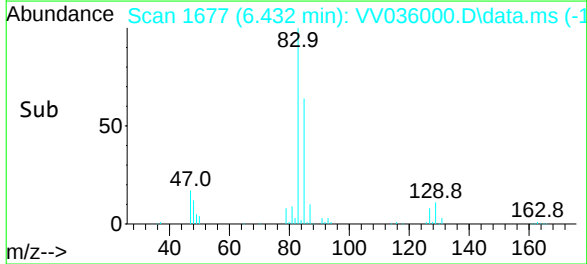
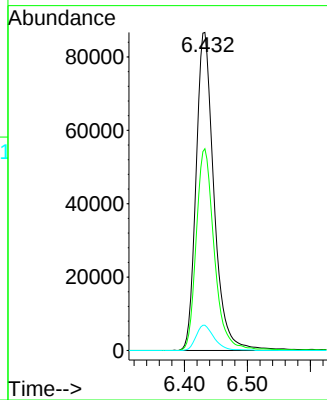
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	83	Resp:	171201
Ion	Ratio	Lower	Upper
83	100		
85	63.4	45.3	84.1
127	7.9	6.7	10.1



#39

cis-1,3-Dichloropropene

Concen: 21.622 ug/L

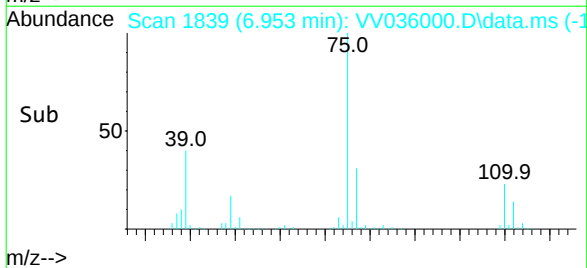
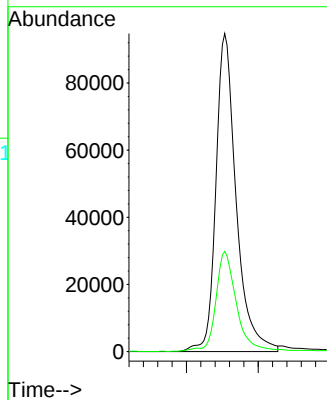
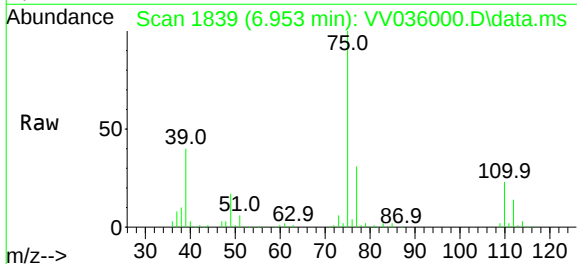
RT: 6.953 min Scan# 1839

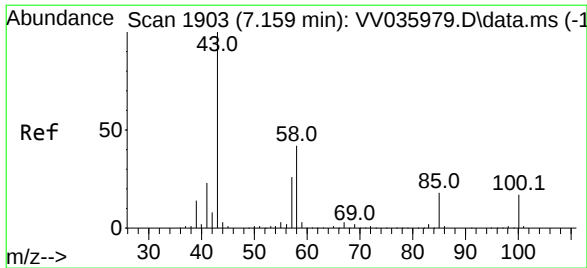
Delta R.T. 0.003 min

Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

Tgt Ion:	75	Resp:	185908
Ion	Ratio	Lower	Upper
75	100		
77	31.5	22.1	41.1

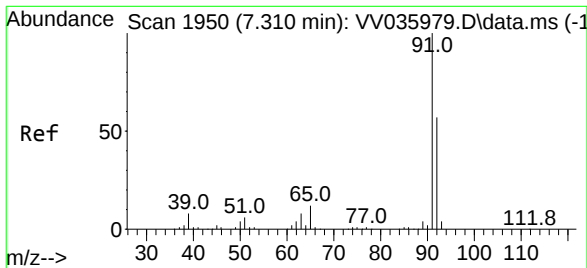
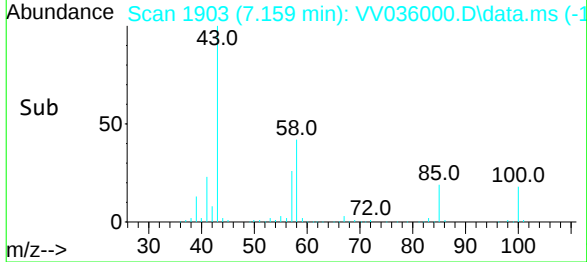
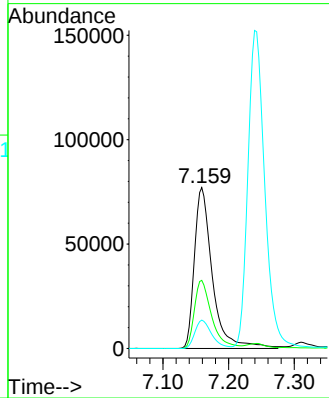
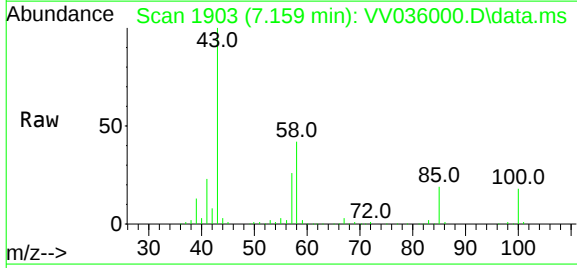




#40
4-Methyl-2-pentanone
Concen: 47.024 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

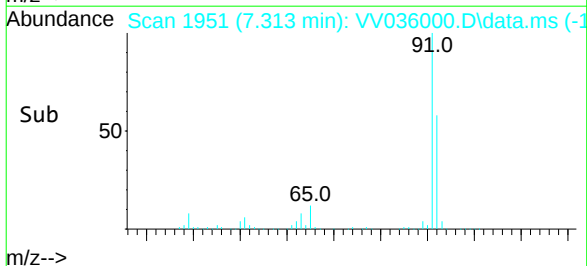
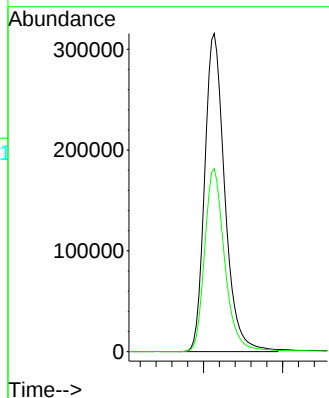
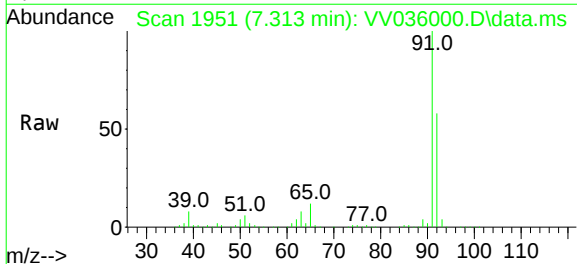
Instrument :
MSVOA_V
ClientSampleId :

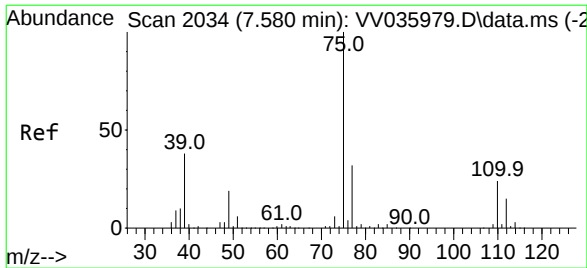
Tgt Ion: 43 Resp: 146866
Ion Ratio Lower Upper
43 100
58 40.7 32.5 48.7
100 16.5 12.5 18.7



#42
Toluene
Concen: 24.871 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

Tgt Ion: 91 Resp: 556379
Ion Ratio Lower Upper
91 100
92 57.5 40.6 75.4

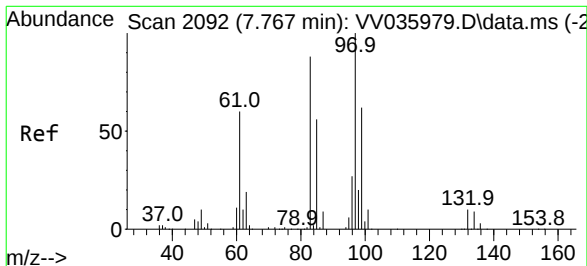
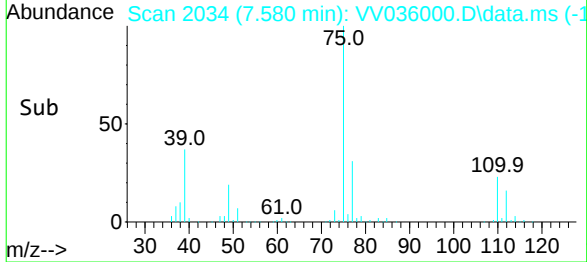
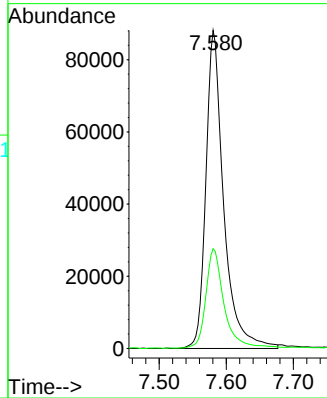
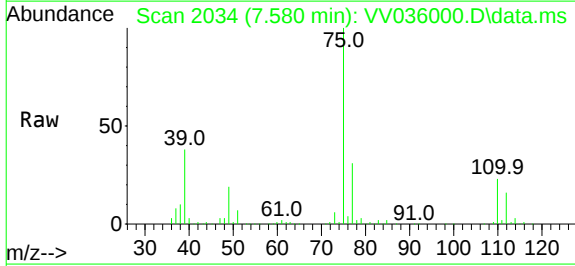




#44
trans-1,3-Dichloropropene
Concen: 21.864 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

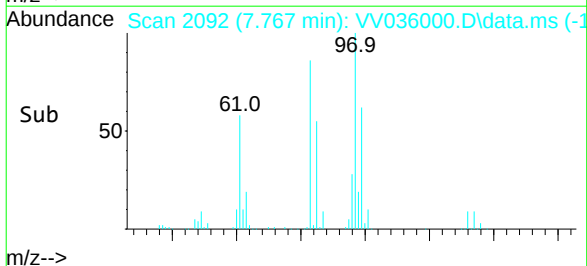
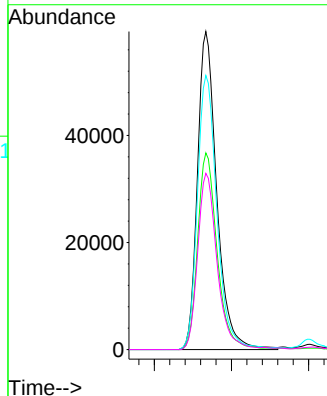
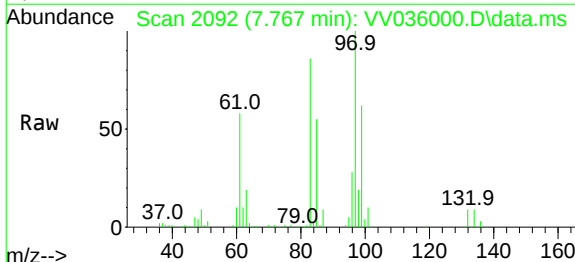
Instrument :
MSVOA_V
ClientSampleId :

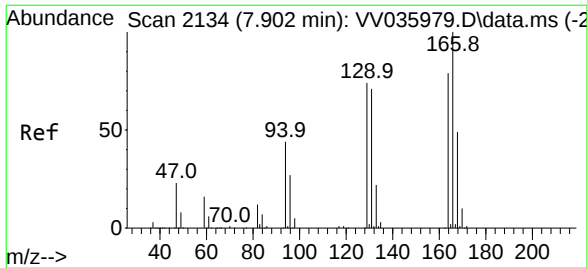
Tgt Ion: 75 Resp: 162378
Ion Ratio Lower Upper
75 100
77 31.4 23.1 42.9



#45
1,1,2-Trichloroethane
Concen: 21.703 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

Tgt Ion: 97 Resp: 103230
Ion Ratio Lower Upper
97 100
99 61.8 43.3 80.5
83 86.2 60.1 111.7
85 55.4 38.9 72.3





#46

Tetrachloroethene

Concen: 23.504 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

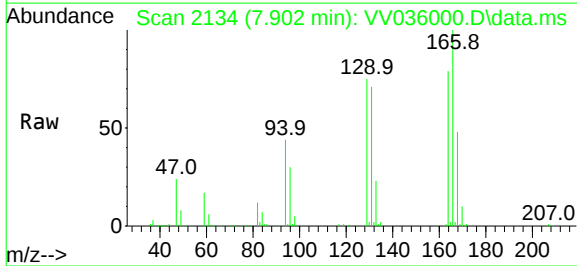
Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 115341

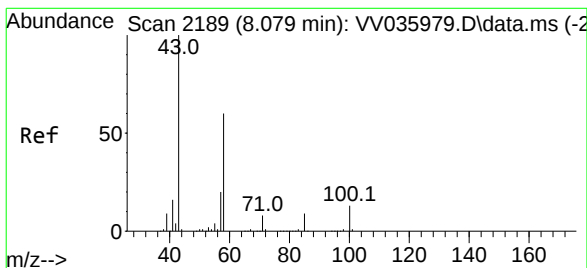
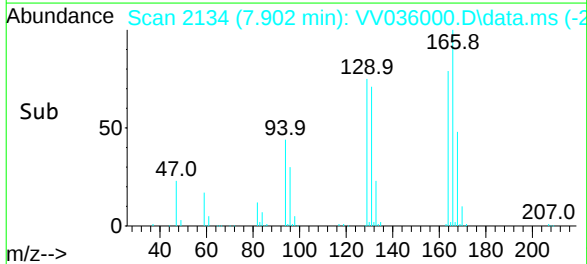
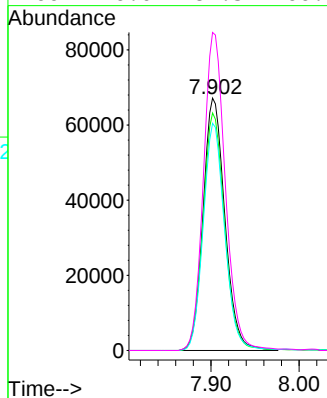
Ion Ratio Lower Upper

164 100

129 94.1 64.6 120.0

131 90.0 63.2 117.4

166 126.0 89.5 166.3



#48

2-Hexanone

Concen: 39.949 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.000 min

Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

Tgt Ion: 43 Resp: 97544

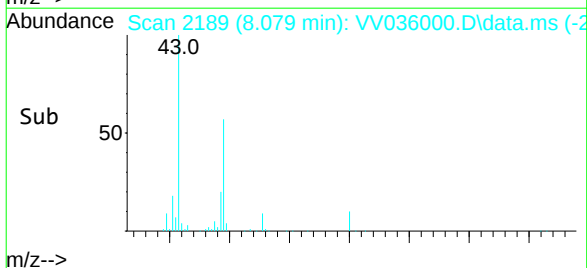
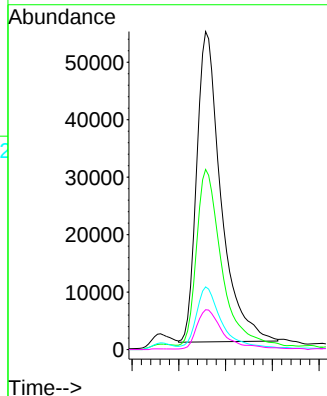
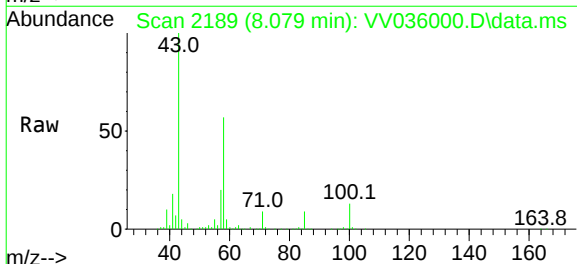
Ion Ratio Lower Upper

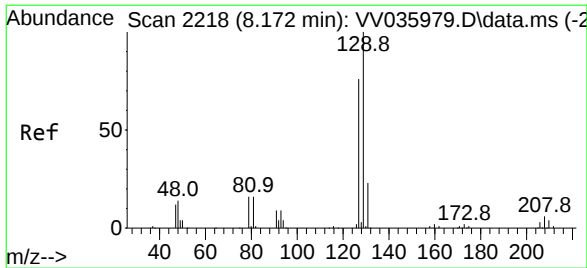
43 100

58 59.9 45.4 68.0

57 20.3 15.8 23.8

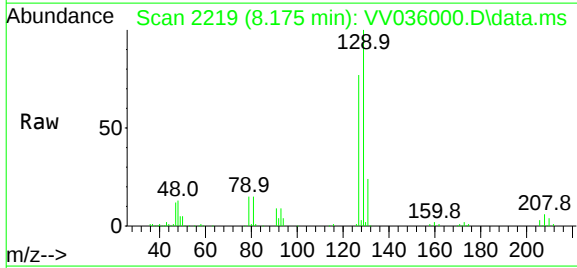
100 12.7 9.8 14.8



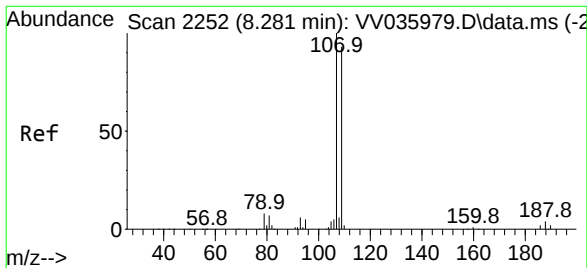
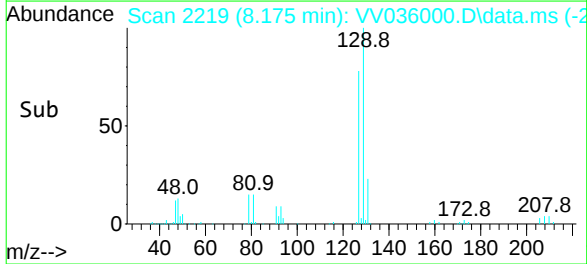
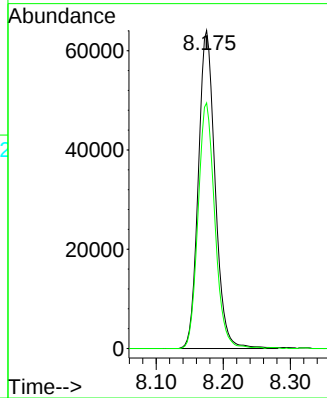


#49
Dibromochloromethane
Concen: 21.381 ug/L
RT: 8.175 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

Instrument :
MSVOA_V
ClientSampleId :

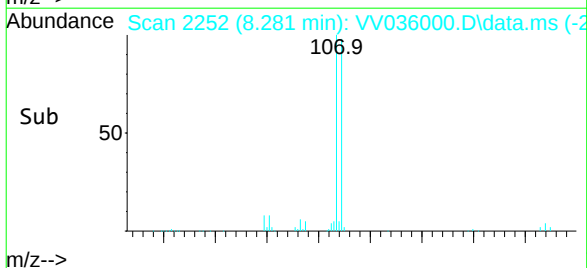
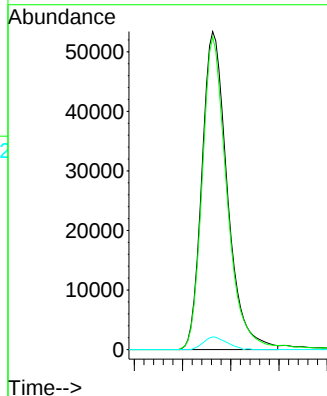
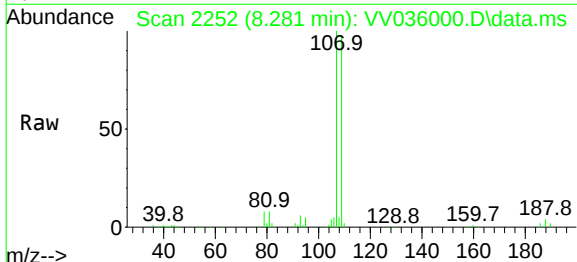


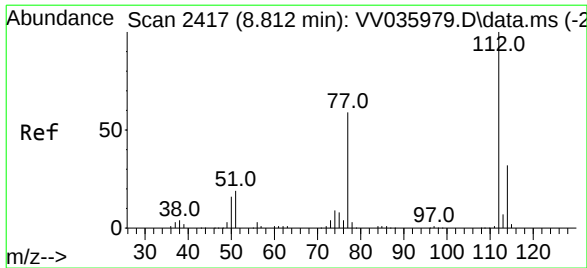
Tgt Ion:129 Resp: 111302
Ion Ratio Lower Upper
129 100
127 77.2 53.9 100.1



#50
1,2-Dibromoethane
Concen: 21.418 ug/L
RT: 8.281 min Scan# 2252
Delta R.T. 0.000 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

Tgt Ion:107 Resp: 97749
Ion Ratio Lower Upper
107 100
109 98.3 66.1 122.7
188 4.0 3.0 4.6

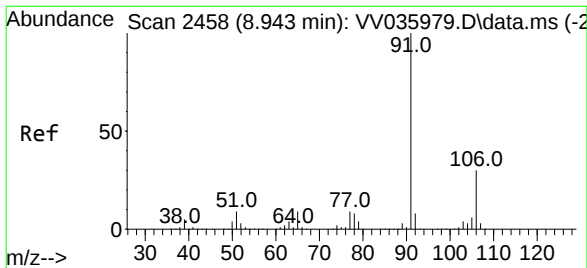
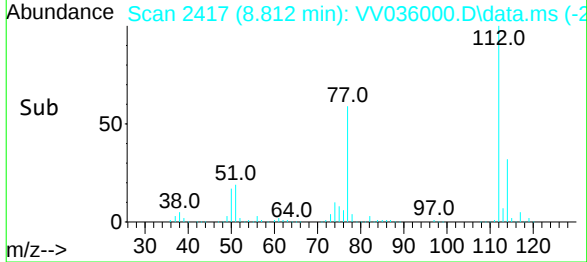
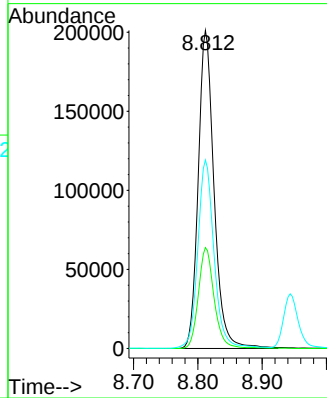
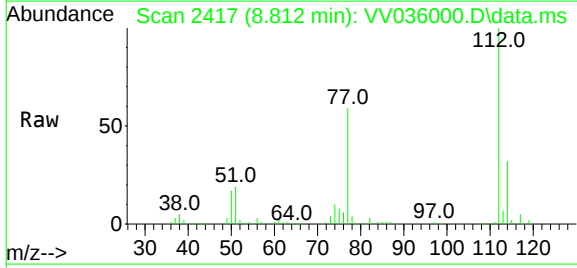




#51
Chlorobenzene
Concen: 22.601 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

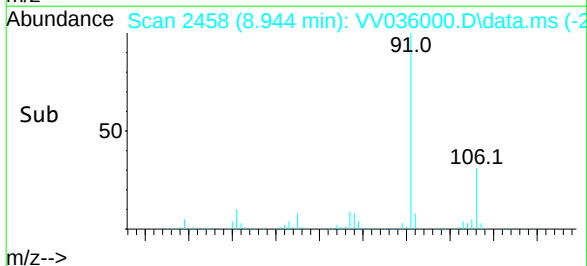
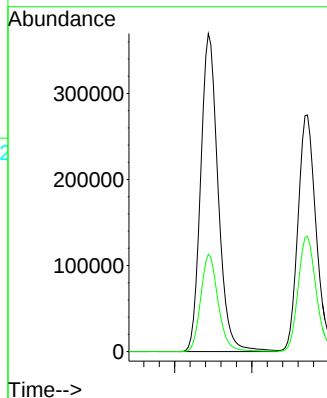
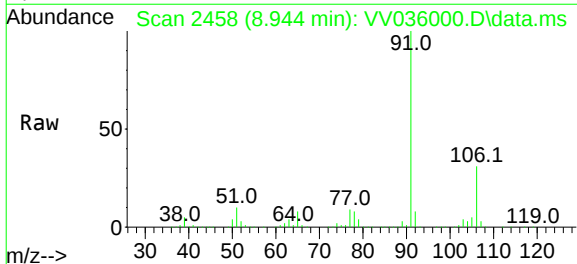
Instrument :
MSVOA_V
ClientSampleId :

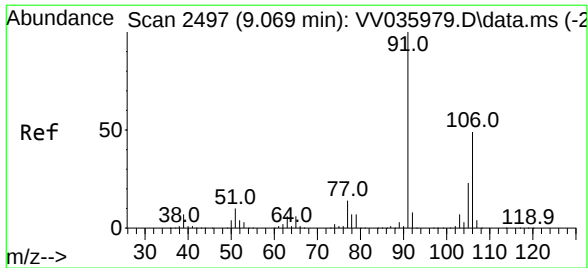
Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.3	41.5
77	59.3	47.3	70.9



#52
Ethylbenzene
Concen: 24.245 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.6	40.0





#53

m,p-Xylene

Concen: 24.255 ug/L

RT: 9.072 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

Instrument :

MSVOA_V

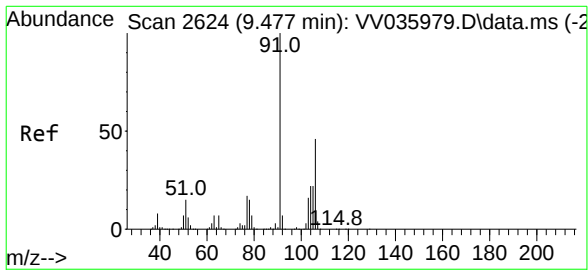
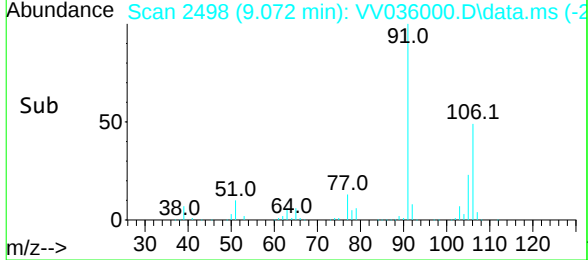
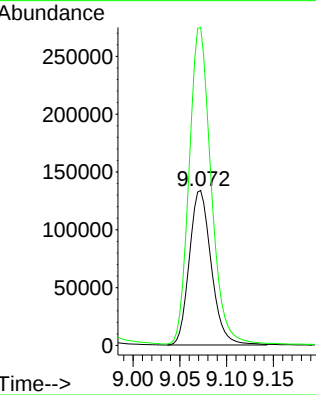
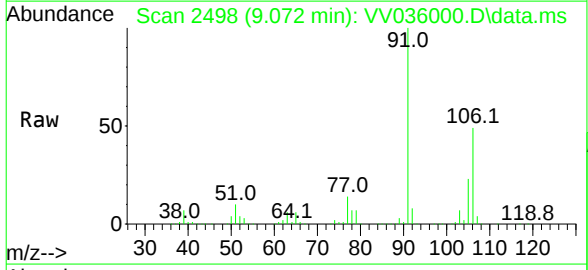
ClientSampleId :

Tgt Ion:106 Resp: 218132

Ion Ratio Lower Upper

106 100

91 205.2 143.1 265.9



#54

o-Xylene

Concen: 23.770 ug/L

RT: 9.477 min Scan# 2624

Delta R.T. 0.000 min

Lab File: VV036000.D

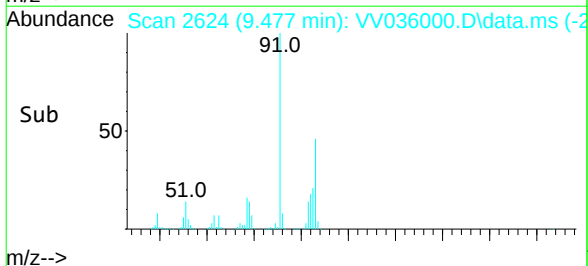
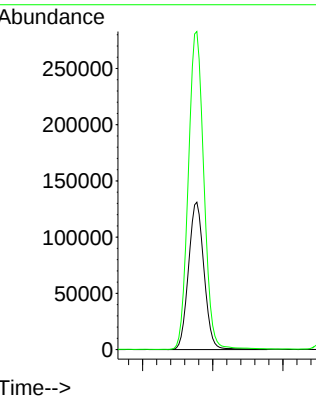
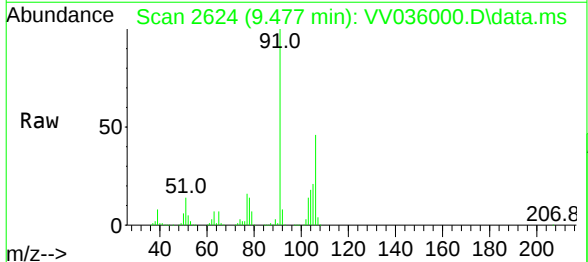
Acq: 06 Jun 2024 20:27

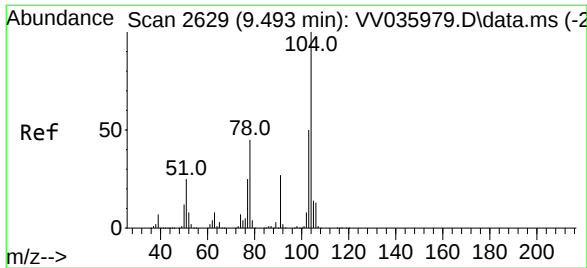
Tgt Ion:106 Resp: 201594

Ion Ratio Lower Upper

106 100

91 215.7 154.5 286.9





#55

Styrene

Concen: 23.869 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.000 min

Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

Instrument :

MSVOA_V

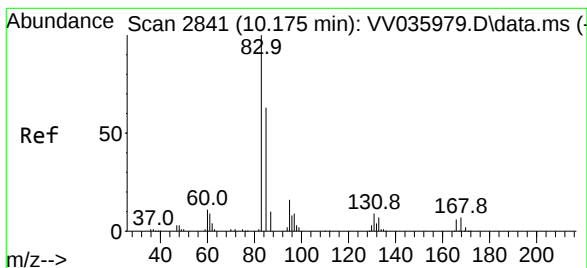
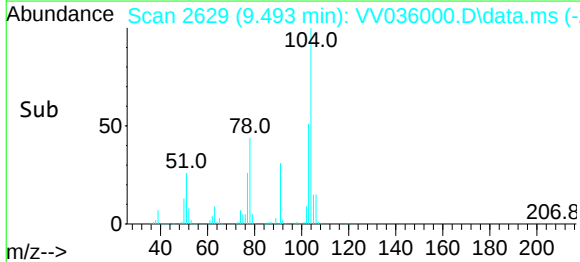
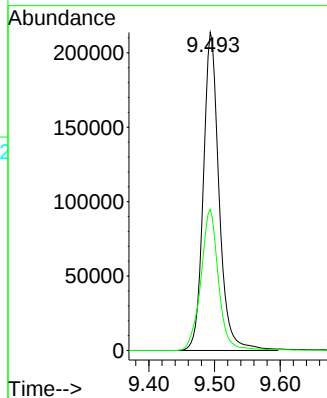
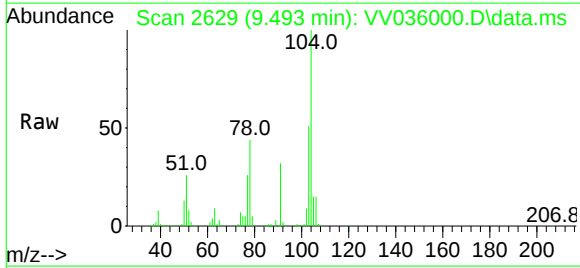
ClientSampleId :

Tgt Ion:104 Resp: 356980

Ion Ratio Lower Upper

104 100

78 44.3 31.4 58.2



#57

1,1,2,2-Tetrachloroethane

Concen: 21.085 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

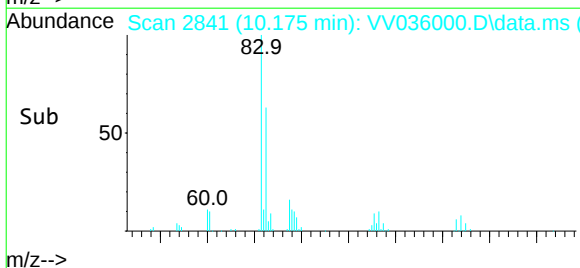
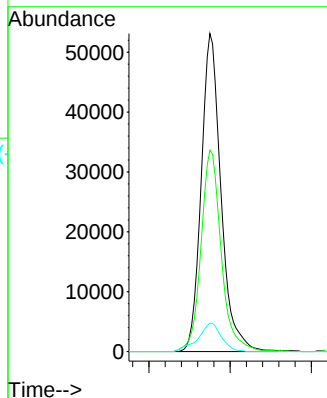
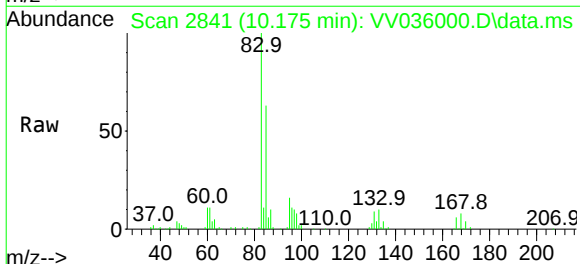
Tgt Ion: 83 Resp: 89803

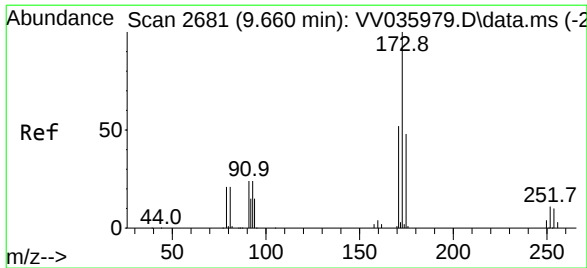
Ion Ratio Lower Upper

83 100

85 63.3 45.1 83.7

131 8.9 7.6 11.4





#59

Bromoform

Concen: 23.072 ug/L

RT: 9.664 min Scan# 2681

Delta R.T. 0.003 min

Lab File: VV036000.D

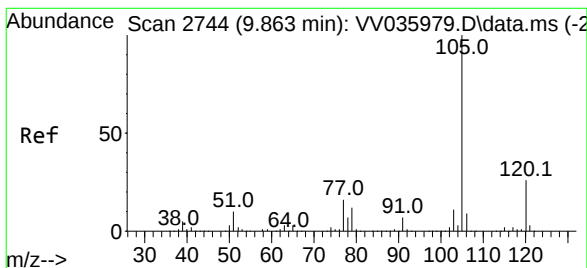
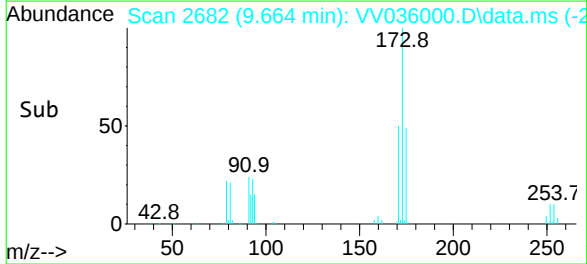
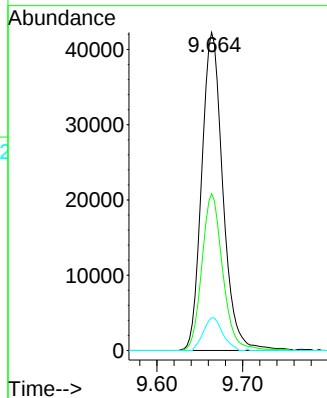
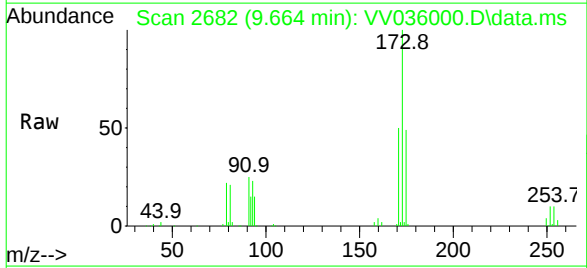
Acq: 06 Jun 2024 20:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	173	Resp:	72368
Ion Ratio	Lower	Upper	
173	100		
175	48.5	39.0	58.6
254	9.4	8.6	13.0



#60

Isopropylbenzene

Concen: 26.538 ug/L

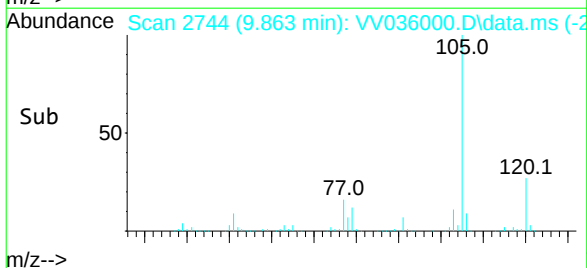
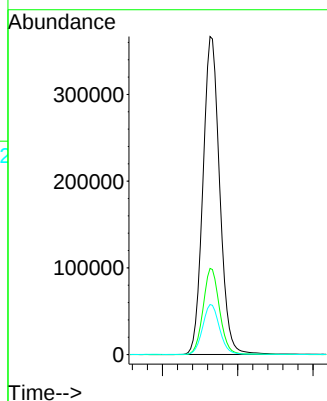
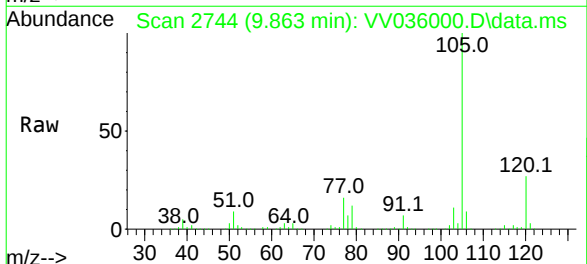
RT: 9.863 min Scan# 2744

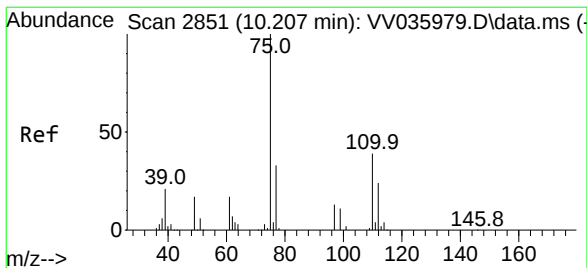
Delta R.T. 0.000 min

Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

Tgt Ion:	105	Resp:	566290
Ion Ratio	Lower	Upper	
105	100		
120	26.7	21.0	31.6
77	15.8	12.6	18.8





#61

1,2,3-Trichloropropane

Concen: 23.846 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.000 min

Lab File: VV036000.D

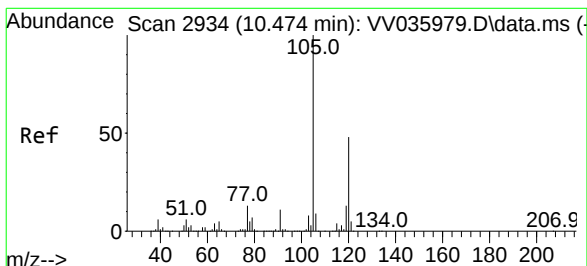
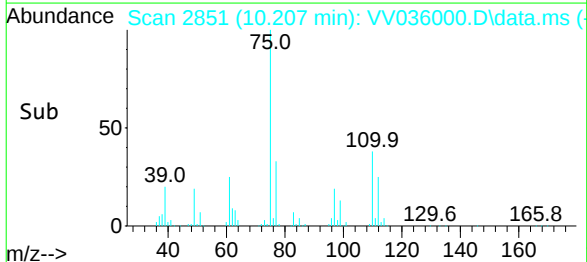
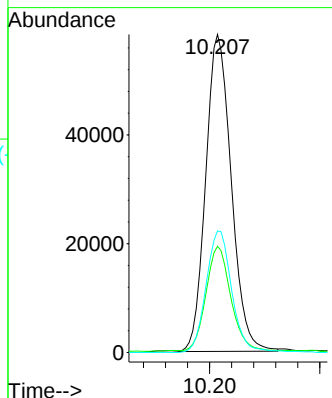
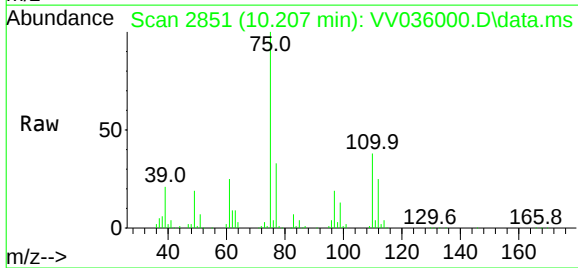
Acq: 06 Jun 2024 20:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	75	Resp:	93802
Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.0	39.0
110	38.5	32.2	48.4



#62

1,3,5-Trimethylbenzene

Concen: 24.563 ug/L

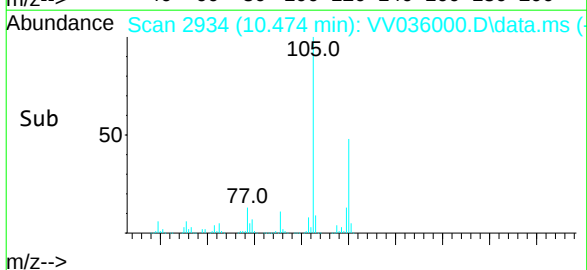
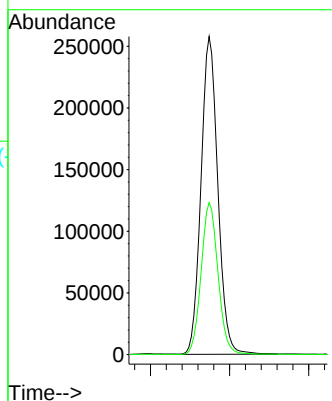
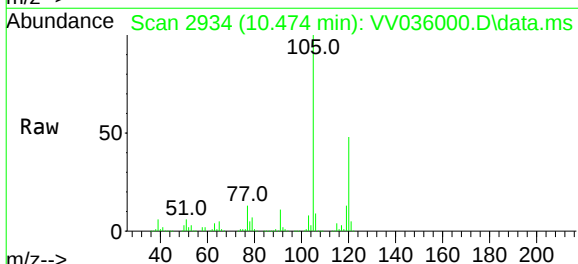
RT: 10.474 min Scan# 2934

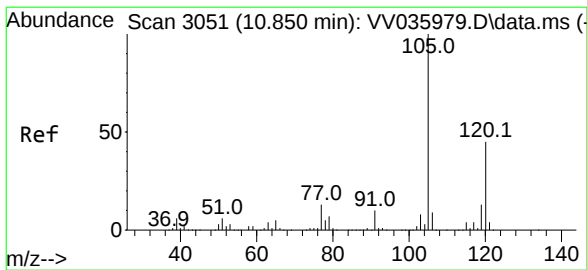
Delta R.T. 0.000 min

Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

Tgt Ion:	105	Resp:	380072
Ion	Ratio	Lower	Upper
105	100		
120	47.9	38.6	58.0





#63

1,2,4-Trimethylbenzene

Concen: 24.421 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

Instrument :

MSVOA_V

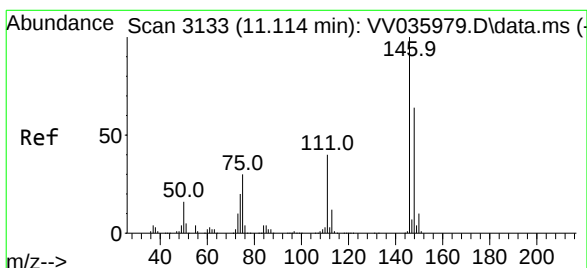
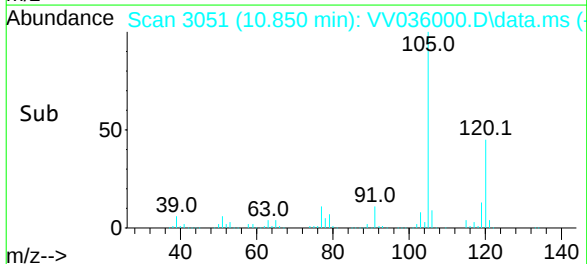
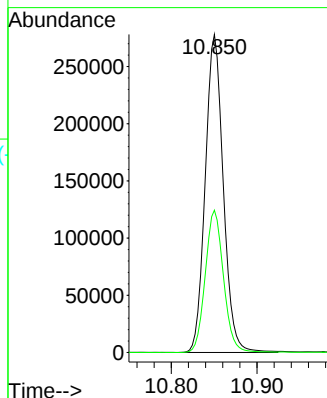
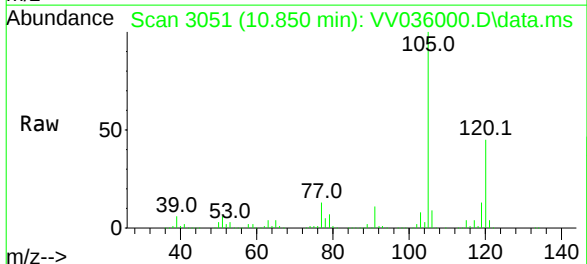
ClientSampleId :

Tgt Ion:105 Resp: 407125

Ion Ratio Lower Upper

105 100

120 45.1 36.2 54.4



#64

1,3-Dichlorobenzene

Concen: 23.066 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

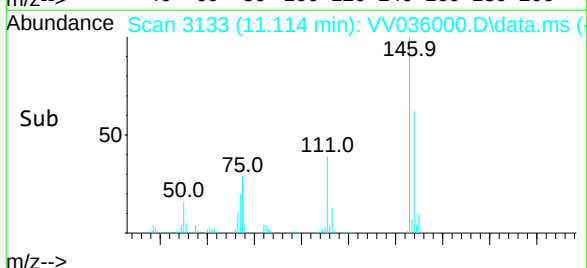
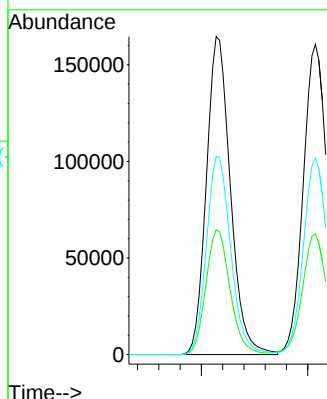
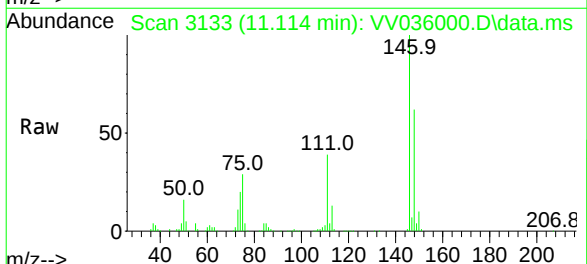
Tgt Ion:146 Resp: 258476

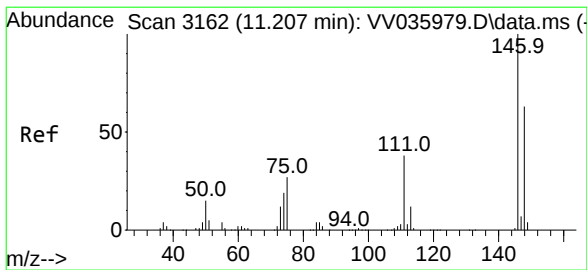
Ion Ratio Lower Upper

146 100

111 39.2 28.1 52.1

148 62.4 44.7 83.1





#65

1,4-Dichlorobenzene

Concen: 22.589 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

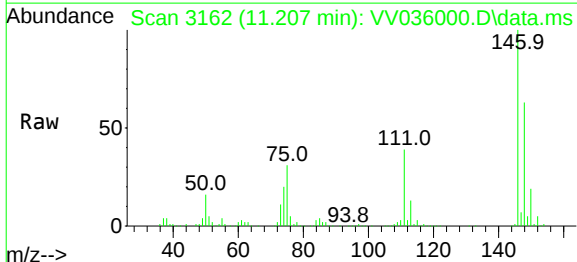
Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

Instrument :

MSVOA_V

ClientSampleId :



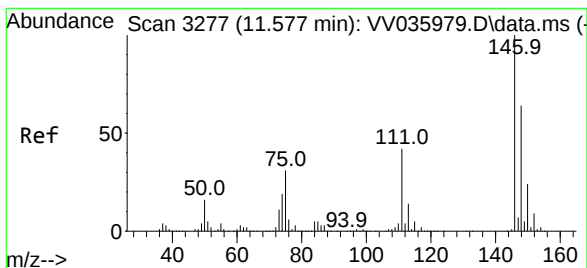
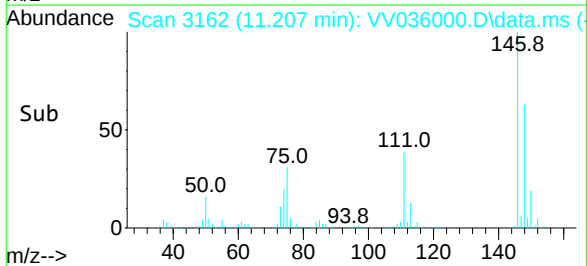
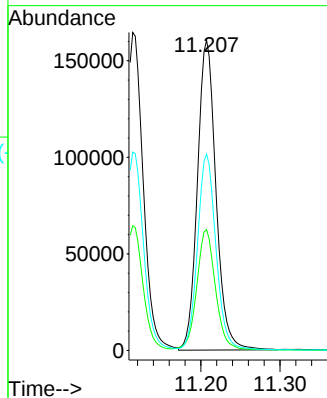
Tgt Ion:146 Resp: 261282

Ion Ratio Lower Upper

146 100

111 39.0 26.9 50.1

148 63.3 44.5 82.7



#67

1,2-Dichlorobenzene

Concen: 22.158 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

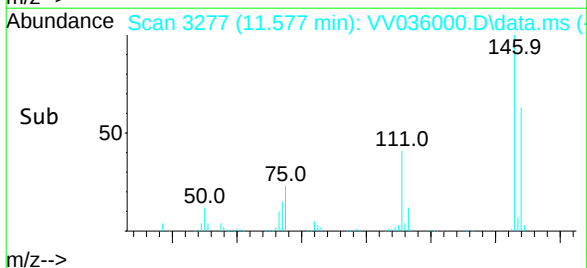
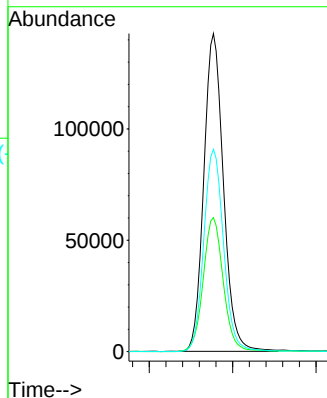
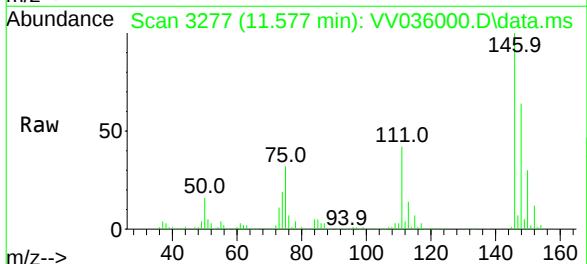
Tgt Ion:146 Resp: 233660

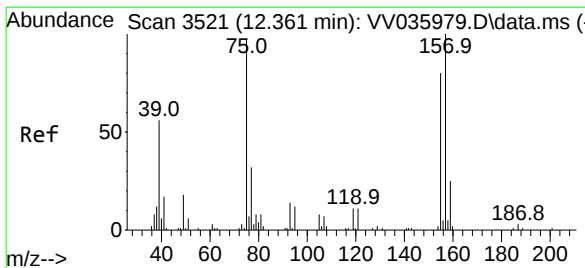
Ion Ratio Lower Upper

146 100

111 42.1 33.5 50.3

148 63.6 50.9 76.3





#68

1,2-Dibromo-3-chloropropane

Concen: 24.420 ug/L

RT: 12.365 min Scan# 3521

Delta R.T. 0.003 min

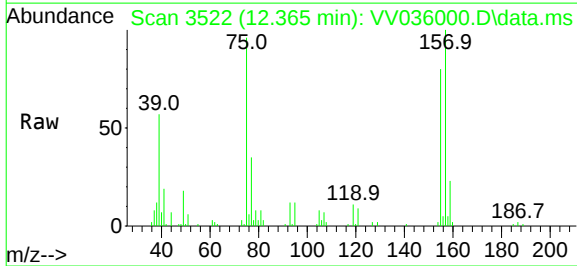
Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

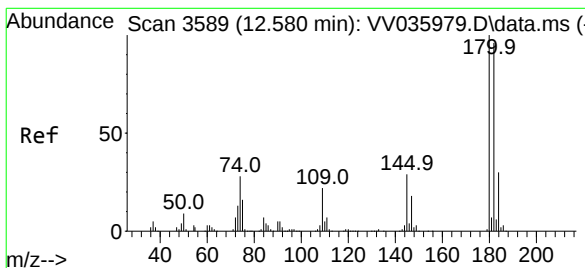
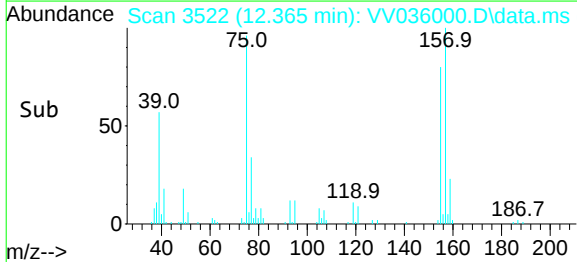
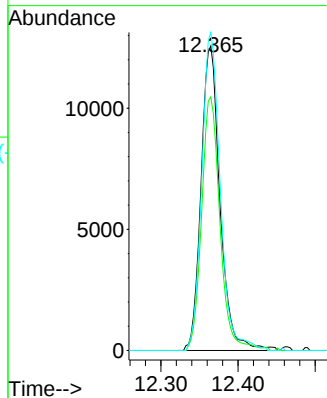
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	75	Resp:	21481
Ion Ratio	Lower	Upper	
75	100		
155	83.2	63.3	94.9
157	104.4	82.4	123.6



#69

1,3,5-Trichlorobenzene

Concen: 20.595 ug/L

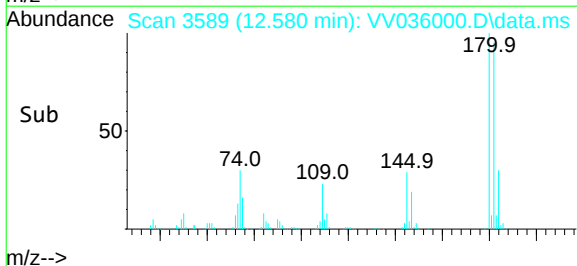
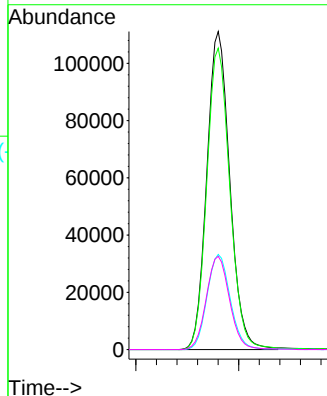
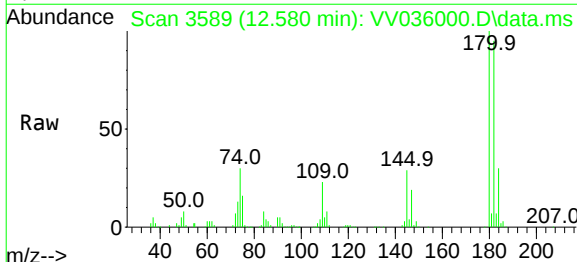
RT: 12.580 min Scan# 3589

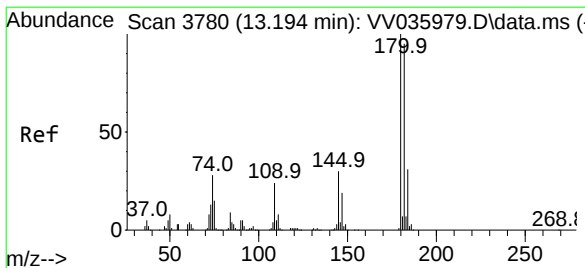
Delta R.T. 0.000 min

Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

Tgt Ion:	180	Resp:	172637
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.2	114.4
184	30.1	24.2	36.2
145	29.7	22.9	34.3





#70

1,2,4-trichlorobenzene

Concen: 21.019 ug/L

RT: 13.197 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV036000.D

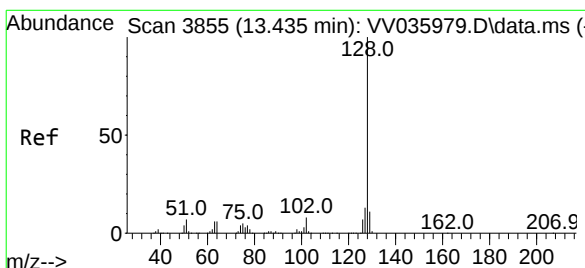
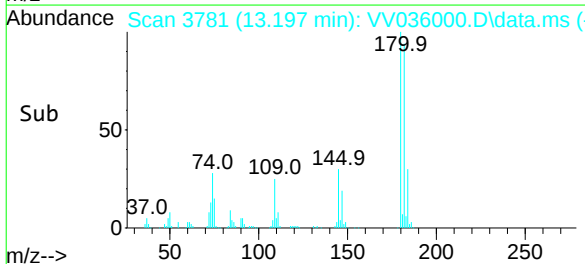
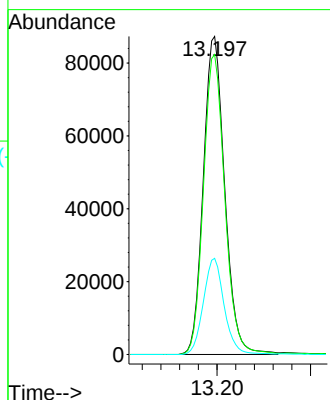
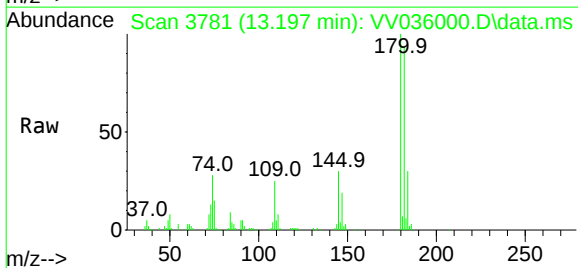
Acq: 06 Jun 2024 20:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	180	Resp:	138729
Ion Ratio	Lower	Upper	
180	100		
182	94.2	76.1	114.1
145	29.4	23.5	35.3



#71

Naphthalene

Concen: 23.674 ug/L

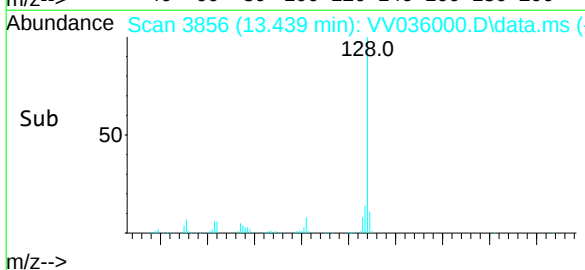
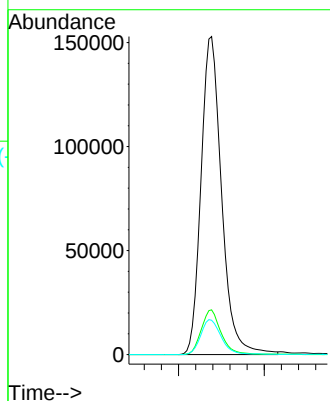
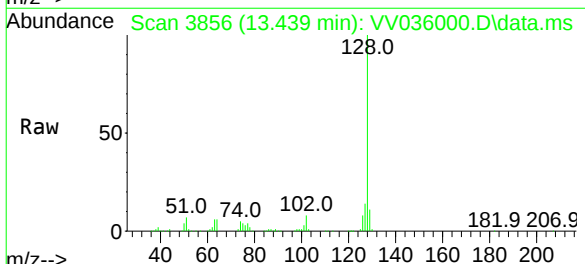
RT: 13.439 min Scan# 3856

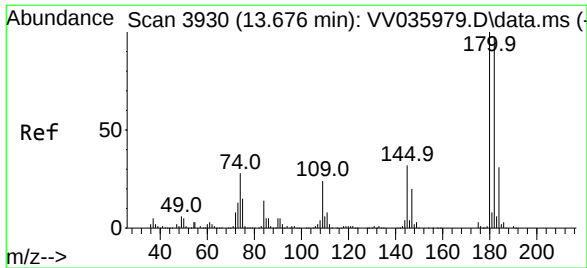
Delta R.T. 0.003 min

Lab File: VV036000.D

Acq: 06 Jun 2024 20:27

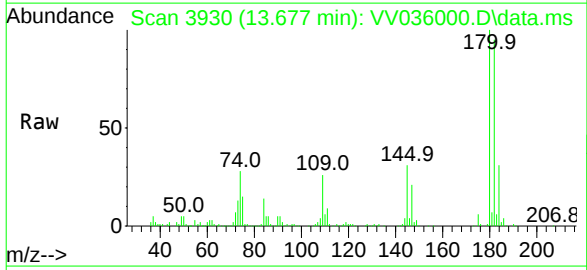
Tgt Ion:	128	Resp:	254998
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	16.0
129	10.8	8.8	13.2





#72
1,2,3-Trichlorobenzene
Concen: 21.877 ug/L
RT: 13.677 min Scan# 39
Delta R.T. 0.000 min
Lab File: VV036000.D
Acq: 06 Jun 2024 20:27

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	180	Resp:	131759
Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.1	112.7
145	31.3	25.2	37.8

