

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061724\
 Data File : VW036105.D
 Acq On : 17 Jun 2024 17:42
 Operator : SY/MD
 Sample : P2909-06MS
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 02:13:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:10:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	209719	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	169051	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	50369	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	131019	33.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	135.920%
7) Chloroethane-d5	1.526	69	109076	35.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	141.920%
11) 1,1-Dichloroethene-d2	2.050	65	54640	31.833	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	127.320%#
21) 2-Butanone-d5	3.818	46	21978	24.844	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.680%
24) Chloroform-d	4.246	84	209781	31.464	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	125.840%
26) 1,2-Dichloroethane-d4	4.940	65	105422	30.157	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.640%
32) Benzene-d6	4.957	84	373979	37.216	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	148.880%#
36) 1,2-Dichloropropane-d6	5.985	67	119488	37.759	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	151.040%#
41) Toluene-d8	7.243	98	280554	31.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	126.560%
43) trans-1,3-Dichloroprop...	7.558	79	31788	24.499	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.000%
47) 2-Hexanone-d5	8.037	63	13784	32.150	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.300%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	60801	25.712	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.840%
66) 1,2-Dichlorobenzene-d4	11.561	152	38417	20.799	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	131290	34.720	ug/L	99
3) Chloromethane	1.214	50	149338	34.412	ug/L	99
5) Vinyl chloride	1.278	62	167002	36.554	ug/L	99
6) Bromomethane	1.481	94	72552	25.599	ug/L	98
8) Chloroethane	1.542	64	107133	37.726	ug/L	98
9) Trichlorofluoromethane	1.706	101	209647	36.951	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	118494	32.908	ug/L	99
12) 1,1-Dichloroethene	2.063	96	116448	34.674	ug/L	96
14) Carbon disulfide	2.233	76	331104	28.391	ug/L	99
15) Methyl Acetate	2.381	43	26264	15.334	ug/L	99
16) Methylene chloride	2.442	84	213953	45.085	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	112489	31.532	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	242668	30.300	ug/L	97
19) 1,1-Dichloroethane	3.108	63	233982	34.441	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	107411	29.964	ug/L	99
22) 2-Butanone	3.892	43	40219	34.397	ug/L	85
23) Bromochloromethane	4.146	128	55216	30.708	ug/L	99
25) Chloroform	4.272	83	230795	33.025	ug/L	99
27) 1,2-Dichloroethane	5.040	62	136290	31.237	ug/L	99

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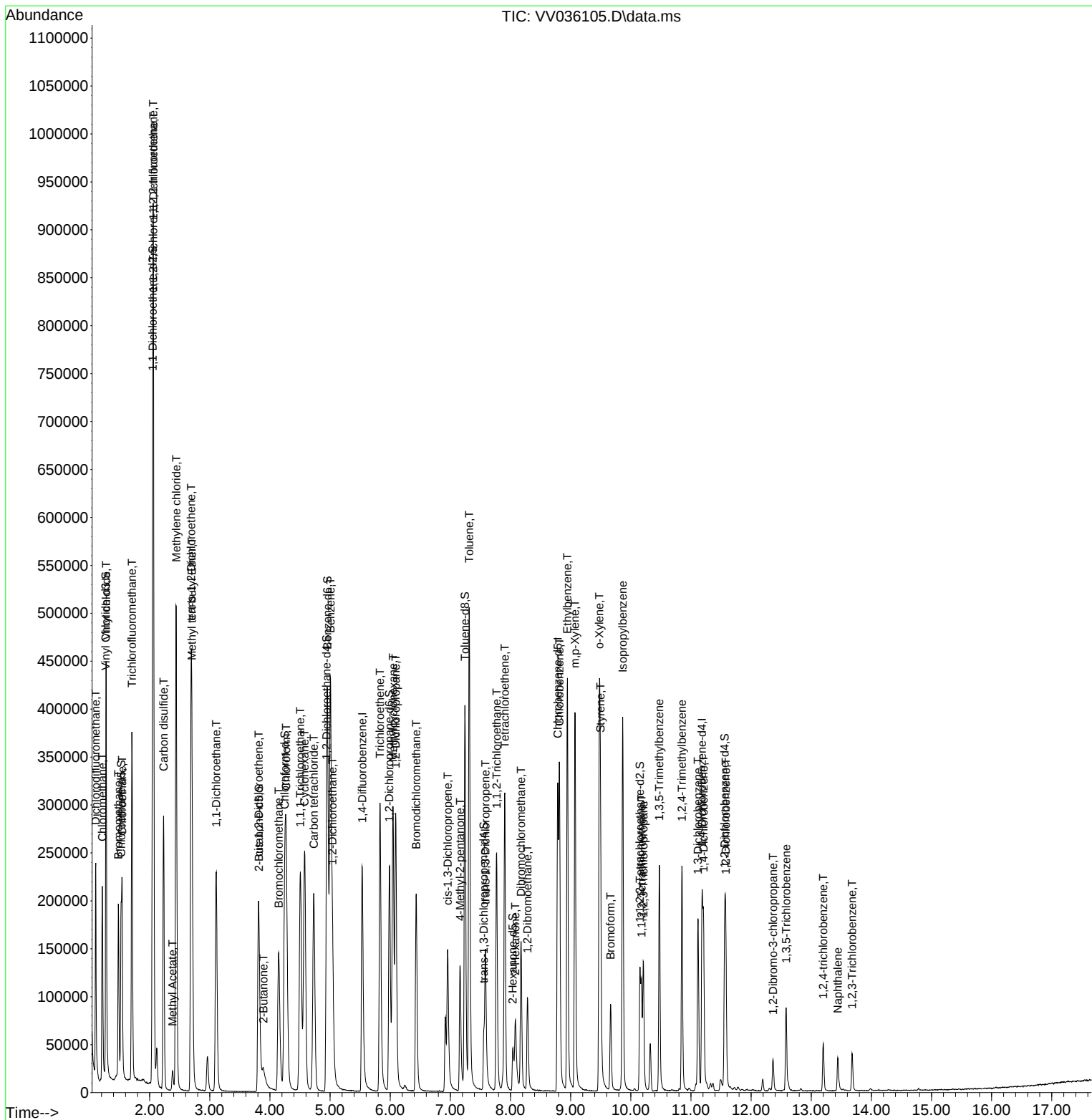
Instrument :
 MSVOA_V
 ClientSampleId :

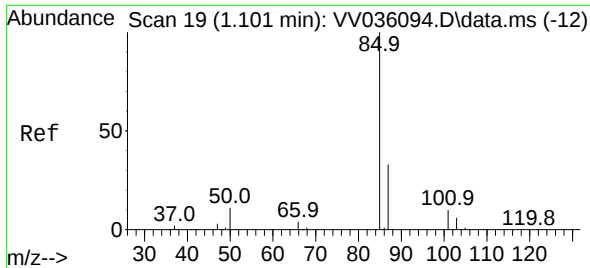
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 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:10:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.577	56	121007	30.064	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	193101	41.782	ug/L	99
31) Carbon tetrachloride	4.728	117	160382	39.557	ug/L	100
33) Benzene	5.008	78	453171	40.987	ug/L	100
34) Trichloroethene	5.831	95	111744	32.976	ug/L	99
35) Methylcyclohexane	6.047	83	110631	23.608	ug/L	95
37) 1,2-Dichloropropane	6.092	63	115972	39.946	ug/L	99
38) Bromodichloromethane	6.432	83	144405	37.580	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	97699	22.500	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	86307	54.718	ug/L	100
42) Toluene	7.313	91	383892	33.980	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	90544	24.141	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	80448	33.490	ug/L	99
46) Tetrachloroethene	7.905	164	69861	28.189	ug/L	98
48) 2-Hexanone	8.082	43	53382	43.290	ug/L #	91
49) Dibromochloromethane	8.175	129	81170	30.875	ug/L	99
50) 1,2-Dibromoethane	8.284	107	67359	29.224	ug/L	98
51) Chlorobenzene	8.815	112	185216	24.061	ug/L	100
52) Ethylbenzene	8.947	91	293331	24.267	ug/L	99
53) m,p-Xylene	9.072	106	106457	23.439	ug/L	99
54) o-Xylene	9.477	106	96650	22.565	ug/L	98
55) Styrene	9.497	104	138429	18.328	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	55811	25.947	ug/L	99
59) Bromoform	9.664	173	40360	42.489	ug/L	99
60) Isopropylbenzene	9.866	105	236590	36.612	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	55569	46.647	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	121809	25.995	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	119442	23.658	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	74134	21.845	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	71775	20.491	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	64645	20.243	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	9022	33.868	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	27583	10.866	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	16350	8.180	ug/L	99
71) Naphthalene	13.442	128	27844	8.536	ug/L	96
72) 1,2,3-Trichlorobenzene	13.680	180	12253	6.718	ug/L	97

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

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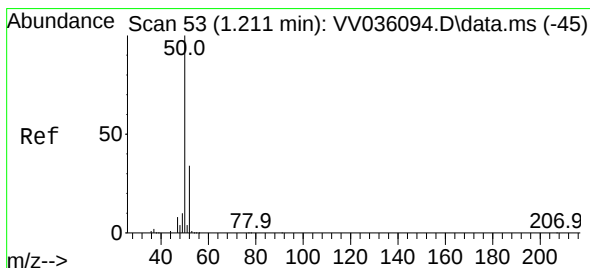
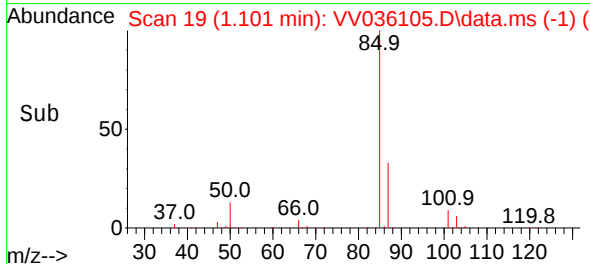
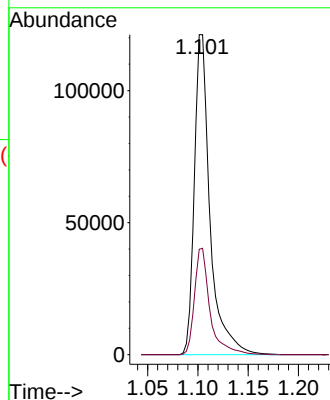
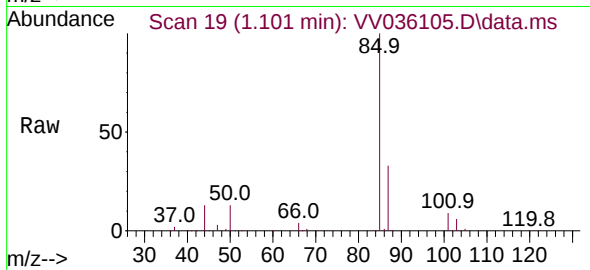




#2
 Dichlorodifluoromethane
 Concen: 34.720 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VV036105.D
 Acq: 17 Jun 2024 17:42

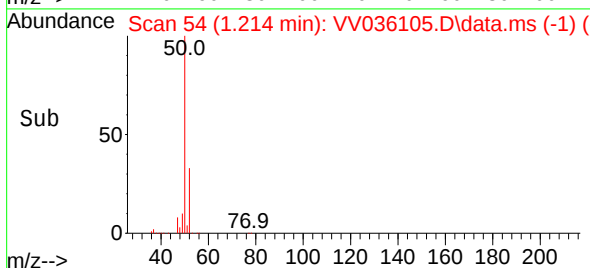
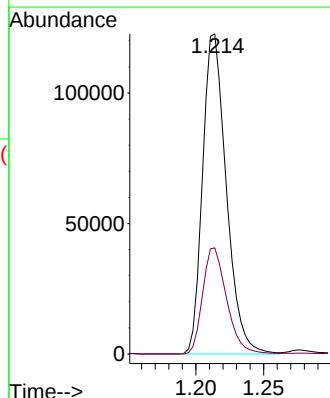
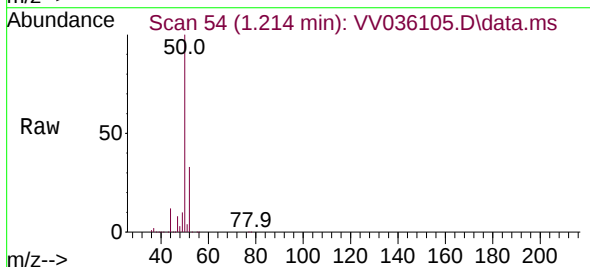
Instrument :
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 ClientSampleId :

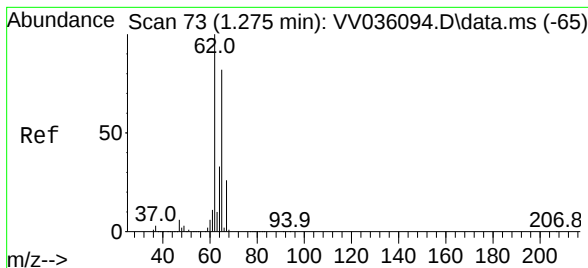
Tgt Ion: 85 Resp: 131290
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.9 38.9



#3
 Chloromethane
 Concen: 34.412 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.003 min
 Lab File: VV036105.D
 Acq: 17 Jun 2024 17:42

Tgt Ion: 50 Resp: 149338
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.8 42.4





#5

Vinyl chloride

Concen: 36.554 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.003 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

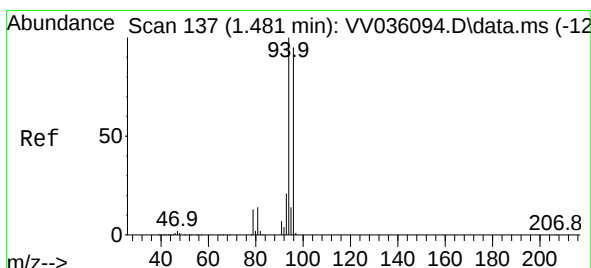
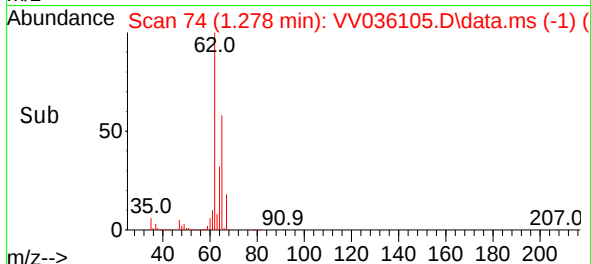
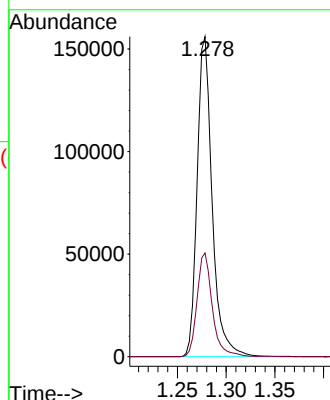
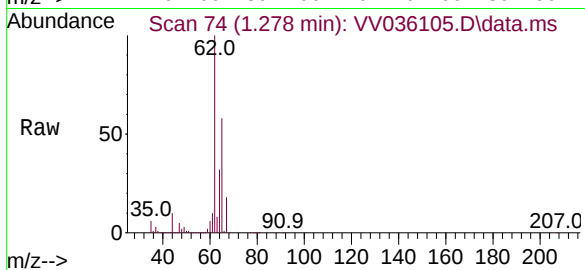
ClientSampleId :

Tgt Ion: 62 Resp: 167002

Ion Ratio Lower Upper

62 100

64 32.4 22.9 42.5



#6

Bromomethane

Concen: 25.599 ug/L

RT: 1.481 min Scan# 137

Delta R.T. 0.000 min

Lab File: VV036105.D

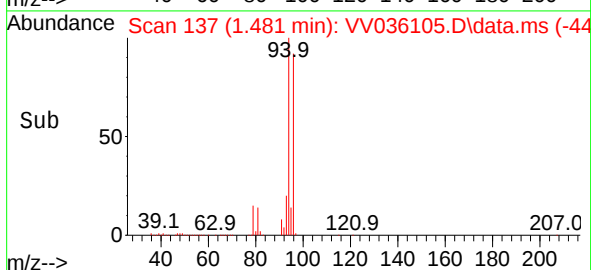
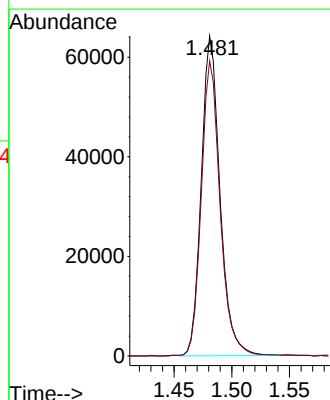
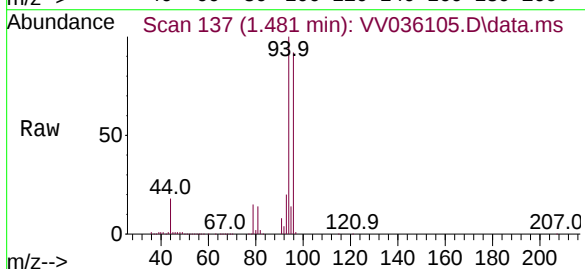
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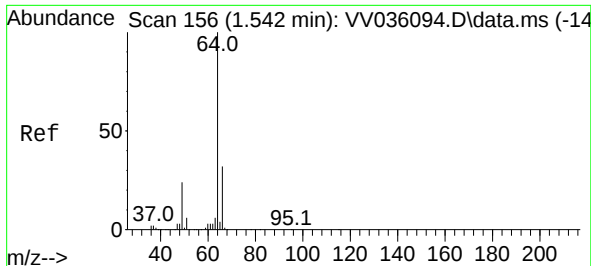
Tgt Ion: 94 Resp: 72552

Ion Ratio Lower Upper

94 100

96 92.2 65.7 122.1

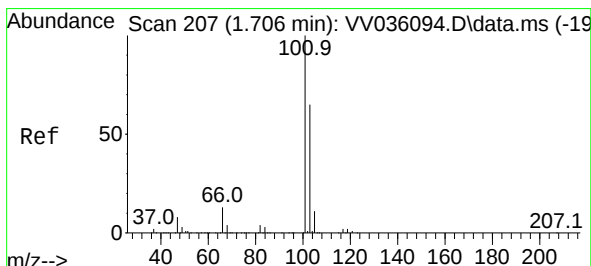
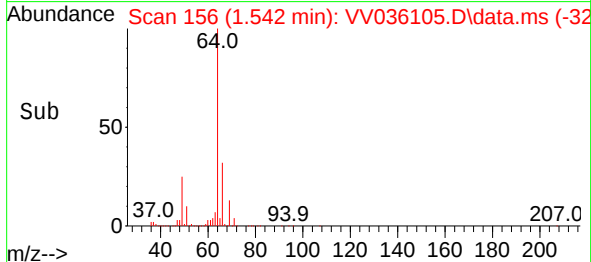
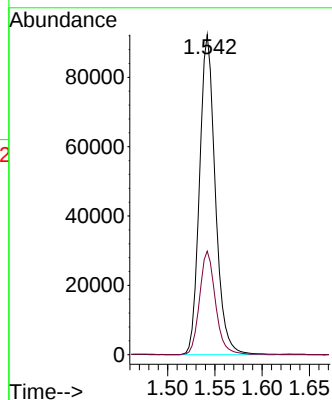
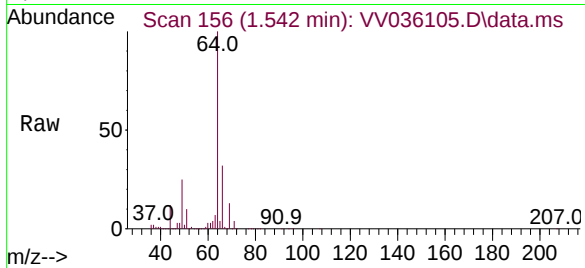




#8
Chloroethane
Concen: 37.726 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.000 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

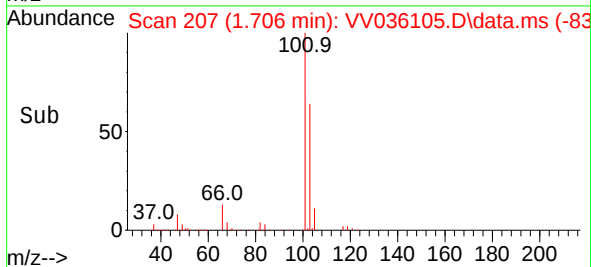
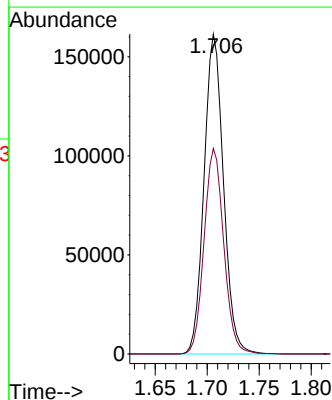
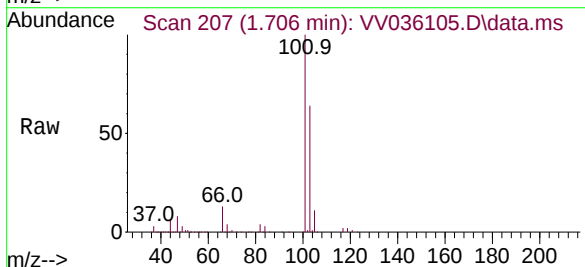
Instrument :
MSVOA_V
ClientSampleId :

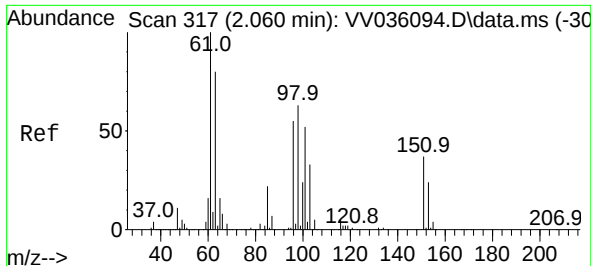
Tgt Ion: 64 Resp: 107133
Ion Ratio Lower Upper
64 100
66 32.4 22.0 41.0



#9
Trichlorofluoromethane
Concen: 36.951 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Tgt Ion:101 Resp: 209647
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8

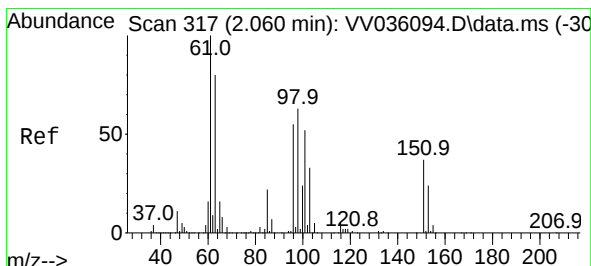
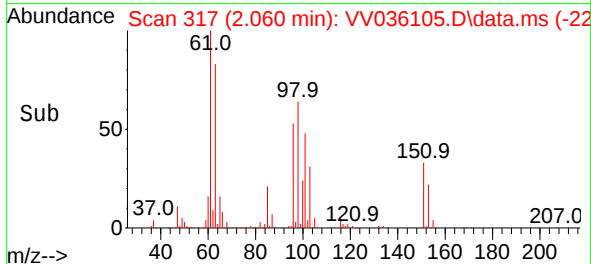
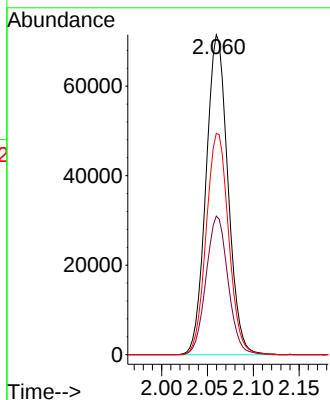
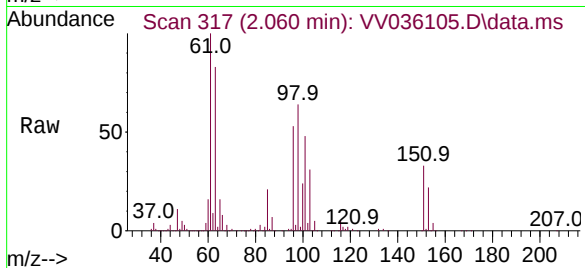




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 32.908 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. 0.000 min
 Lab File: VV036105.D
 Acq: 17 Jun 2024 17:42

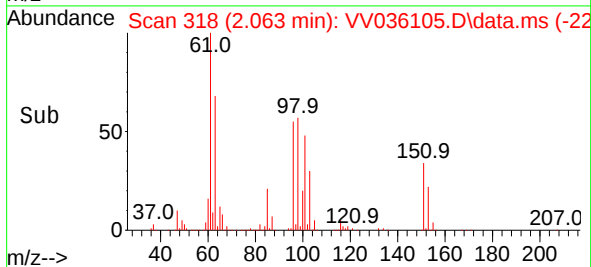
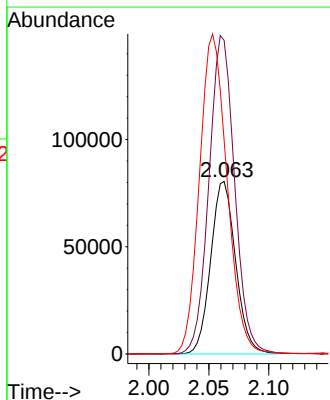
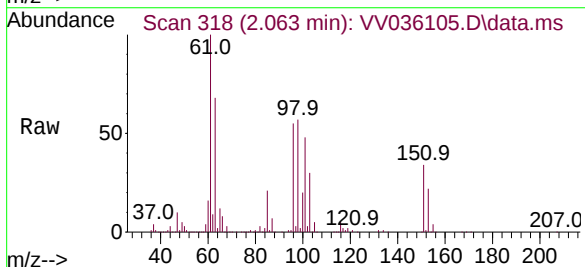
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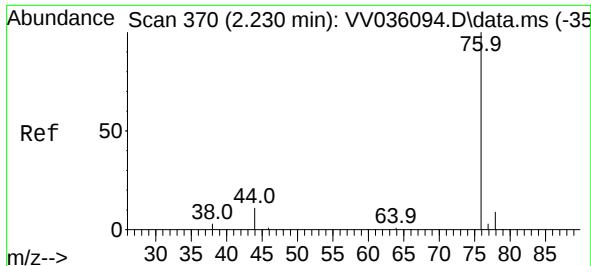
Tgt Ion:101 Resp: 118494
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.5 51.7
 151 70.9 56.3 84.5



#12
 1,1-Dichloroethene
 Concen: 34.674 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.003 min
 Lab File: VV036105.D
 Acq: 17 Jun 2024 17:42

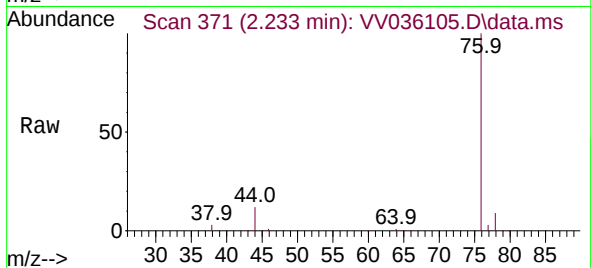
Tgt Ion: 96 Resp: 116448
 Ion Ratio Lower Upper
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 61 181.9 127.3 236.3
 63 124.0 93.7 173.9



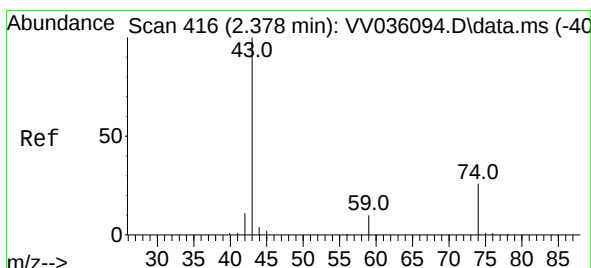
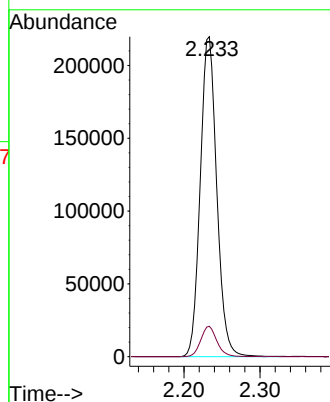
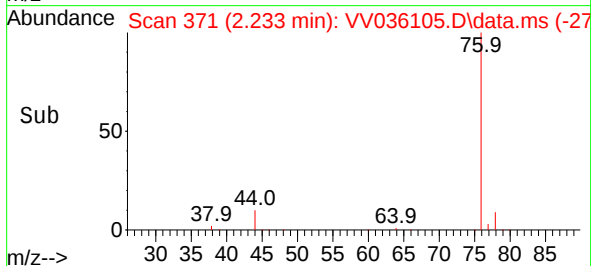


#14
Carbon disulfide
Concen: 28.391 ug/L
RT: 2.233 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Instrument :
MSVOA_V
ClientSampleId :

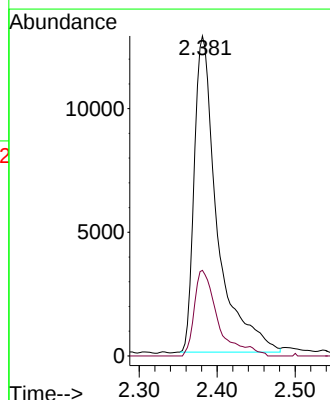
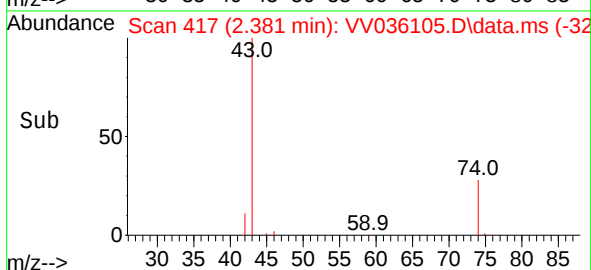
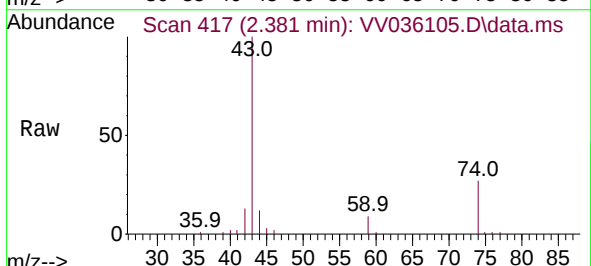


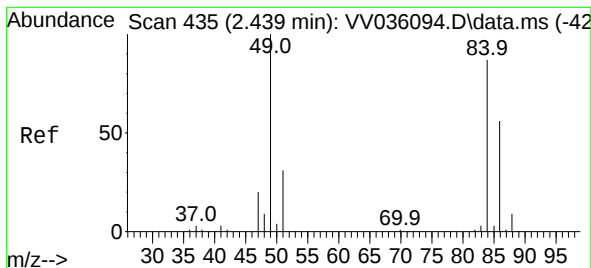
Tgt Ion: 76 Resp: 331104
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#15
Methyl Acetate
Concen: 15.334 ug/L
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Tgt Ion: 43 Resp: 26264
Ion Ratio Lower Upper
43 100
74 26.3 21.4 32.2





#16

Methylene chloride

Concen: 45.085 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

ClientSampleId :

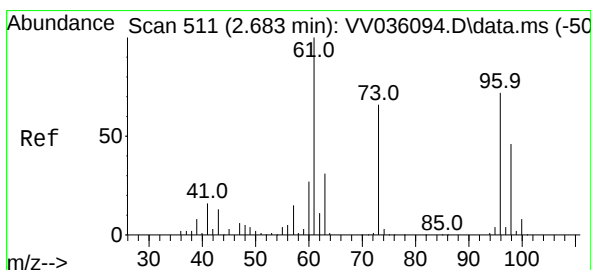
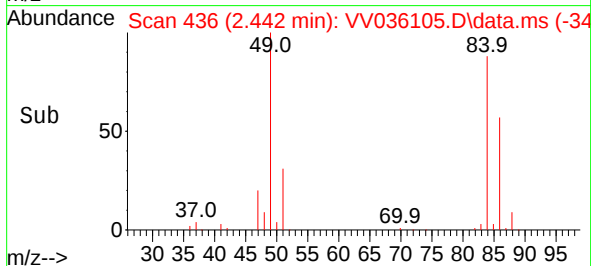
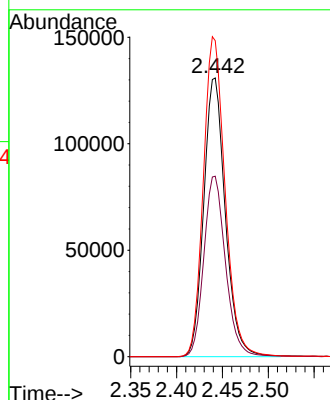
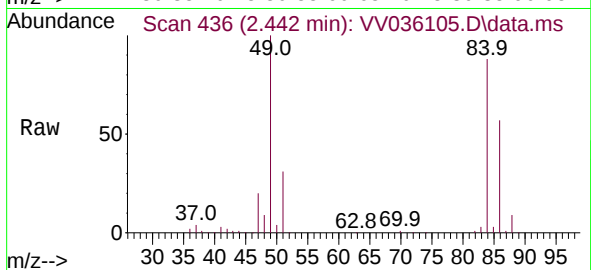
Tgt Ion: 84 Resp: 213953

Ion Ratio Lower Upper

84 100

86 64.7 44.6 82.8

49 113.4 81.1 150.5



#17

trans-1,2-Dichloroethene

Concen: 31.532 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.006 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

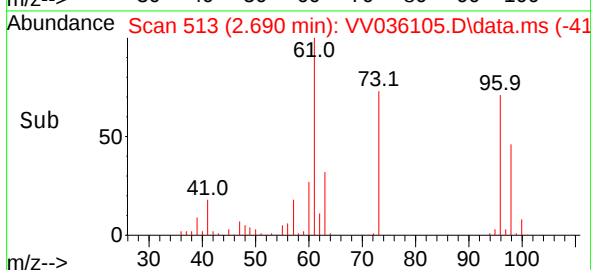
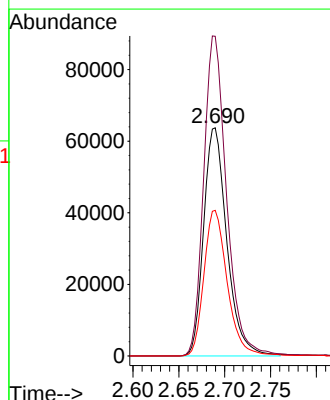
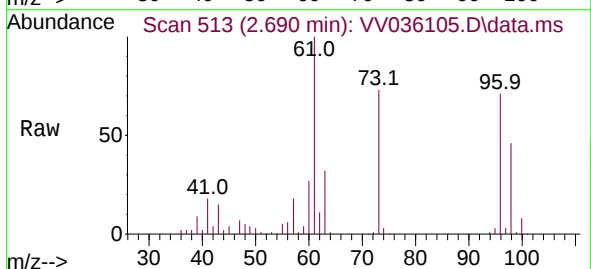
Tgt Ion: 96 Resp: 112489

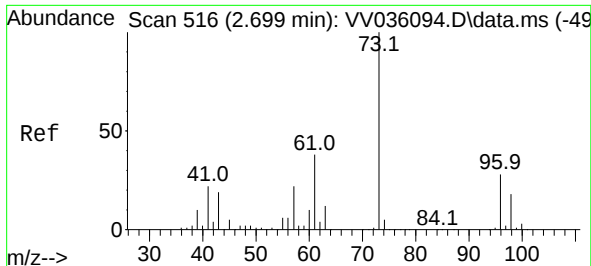
Ion Ratio Lower Upper

96 100

61 140.2 99.4 184.6

98 63.9 44.9 83.3





#18

Methyl tert-butyl Ether

Concen: 30.300 ug/L

RT: 2.703 min Scan# 516

Delta R.T. 0.003 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

ClientSampleId :

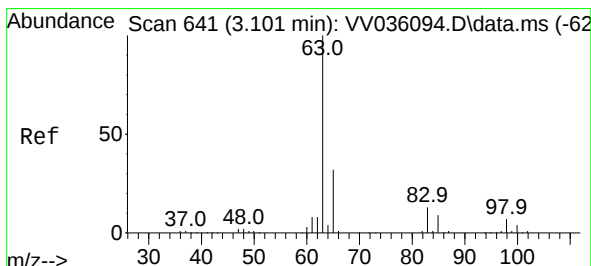
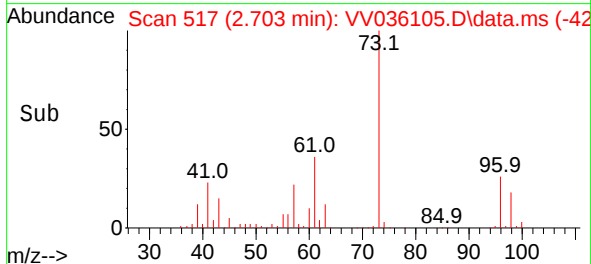
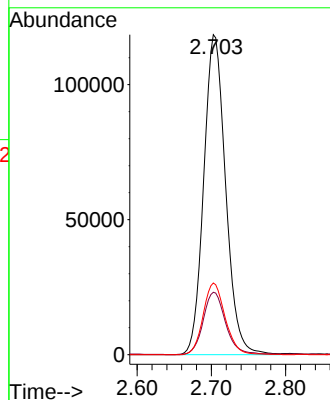
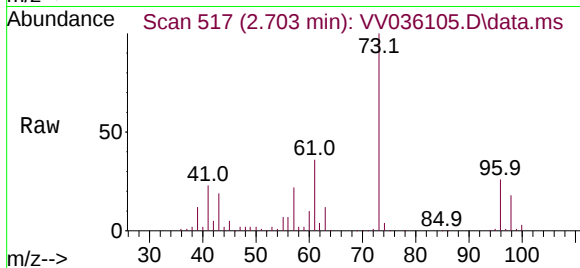
Tgt Ion: 73 Resp: 242668

Ion Ratio Lower Upper

73 100

43 20.3 14.3 21.5

57 22.5 17.8 26.6



#19

1,1-Dichloroethane

Concen: 34.441 ug/L

RT: 3.108 min Scan# 643

Delta R.T. 0.006 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

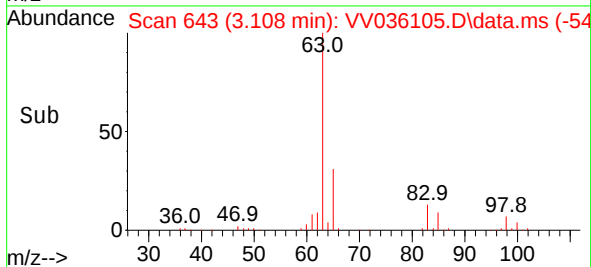
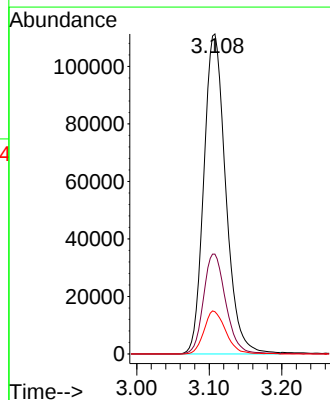
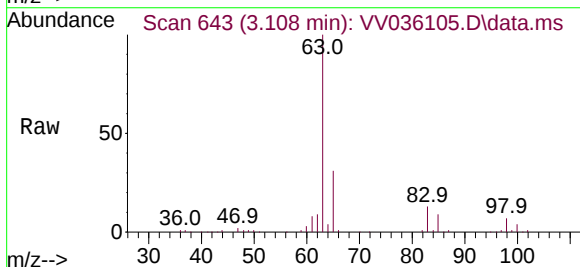
Tgt Ion: 63 Resp: 233982

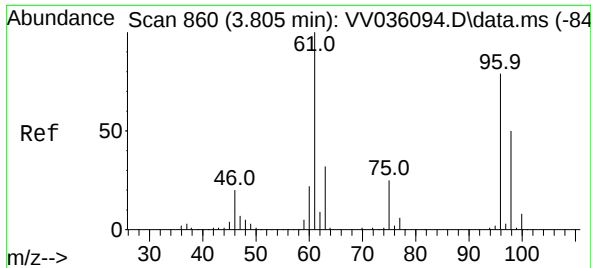
Ion Ratio Lower Upper

63 100

65 31.2 22.4 41.6

83 13.2 9.2 17.0





#20

cis-1,2-Dichloroethene

Concen: 29.964 ug/L

RT: 3.812 min Scan# 860

Delta R.T. 0.006 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

ClientSampleId :

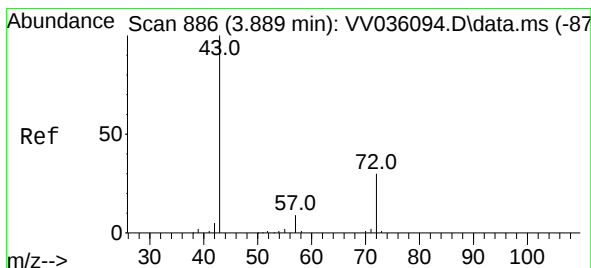
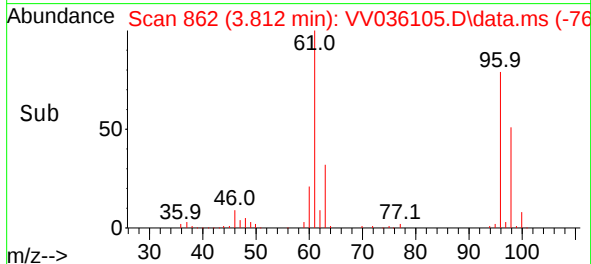
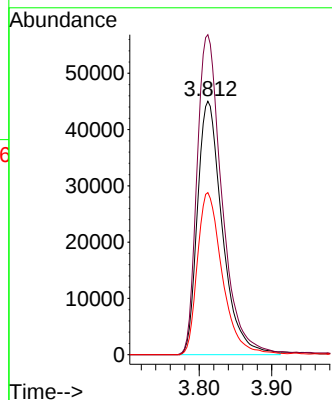
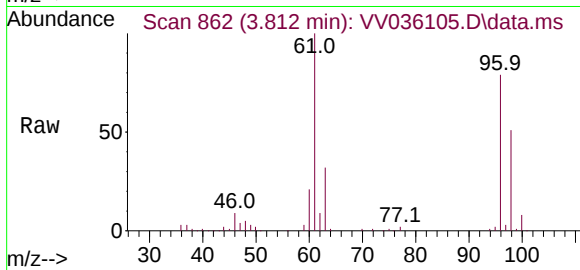
Tgt Ion: 96 Resp: 107411

Ion Ratio Lower Upper

96 100

61 126.3 87.9 163.3

98 64.0 44.4 82.5



#22

2-Butanone

Concen: 34.397 ug/L

RT: 3.892 min Scan# 887

Delta R.T. 0.003 min

Lab File: VV036105.D

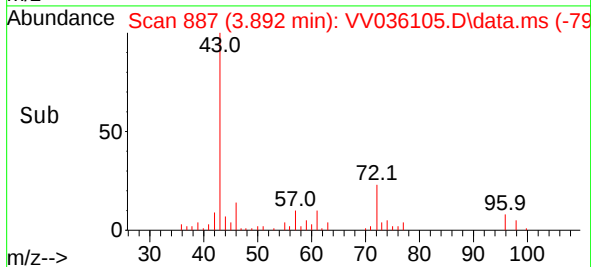
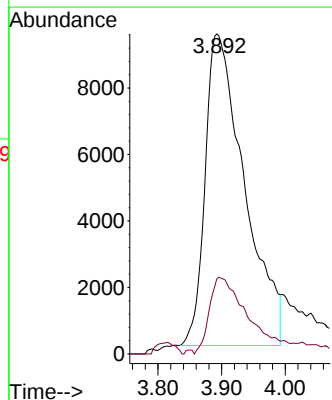
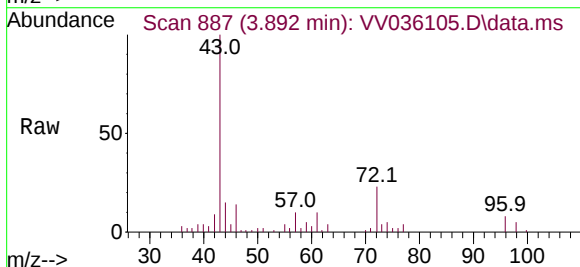
Acq: 17 Jun 2024 17:42

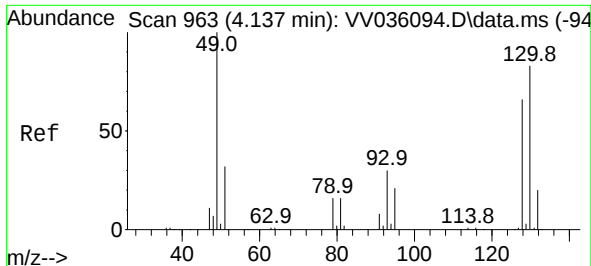
Tgt Ion: 43 Resp: 40219

Ion Ratio Lower Upper

43 100

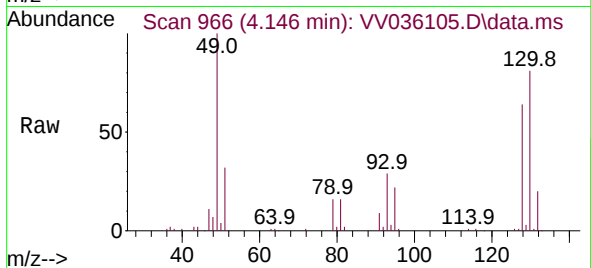
72 22.7 8.2 24.4



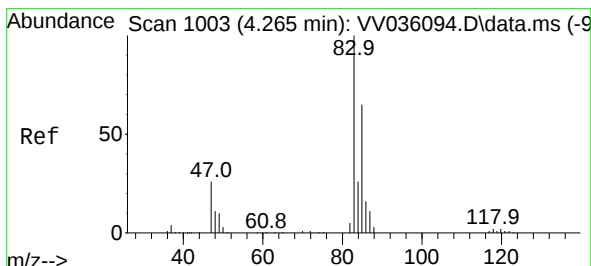
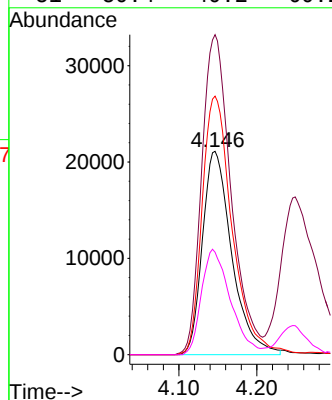
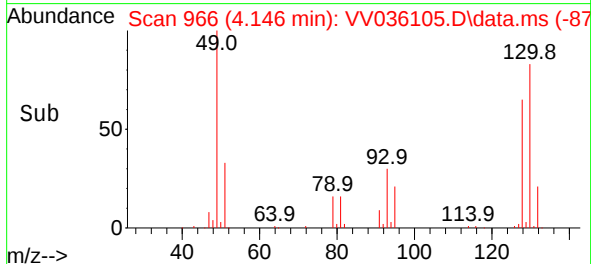


#23
Bromochloromethane
Concen: 30.708 ug/L
RT: 4.146 min Scan# 90
Delta R.T. 0.010 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Instrument :
MSVOA_V
ClientSampleId :

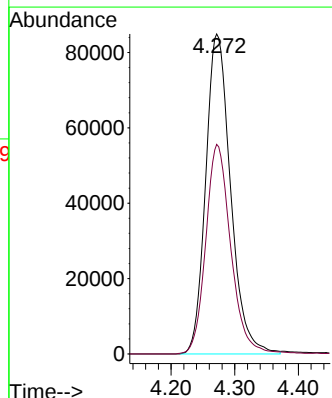
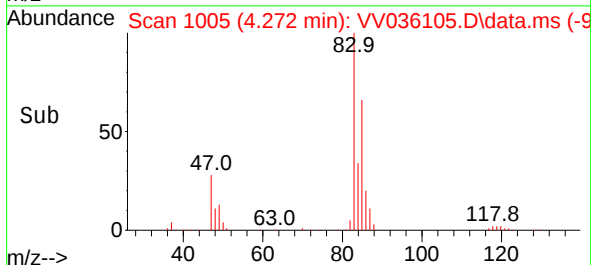
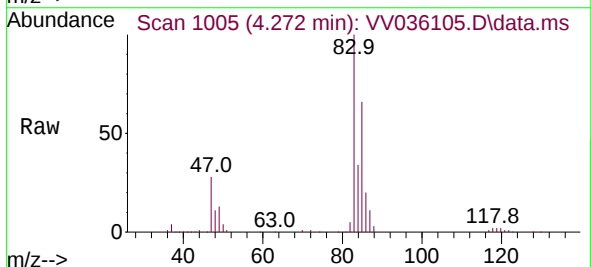


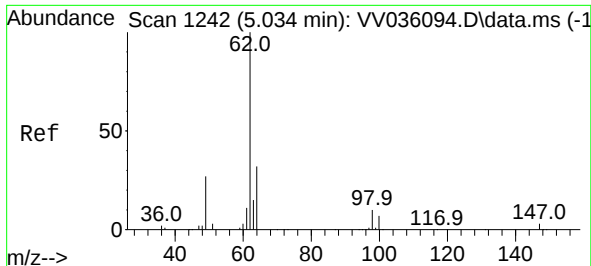
Tgt Ion:128 Resp: 55216
Ion Ratio Lower Upper
128 100
49 157.4 110.2 204.6
130 127.1 90.2 167.4
51 50.4 40.2 60.2



#25
Chloroform
Concen: 33.025 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Tgt Ion: 83 Resp: 230795
Ion Ratio Lower Upper
83 100
85 65.5 45.2 84.0





#27

1,2-Dichloroethane

Concen: 31.237 ug/L

RT: 5.040 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

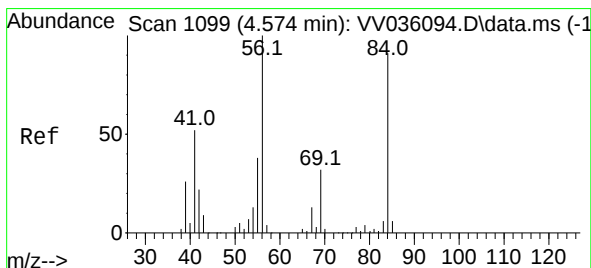
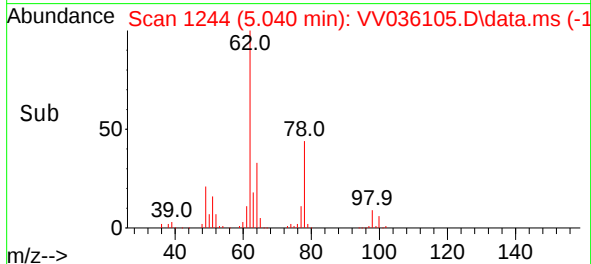
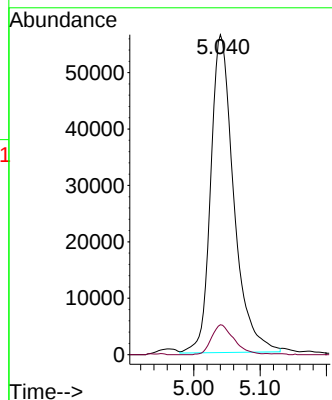
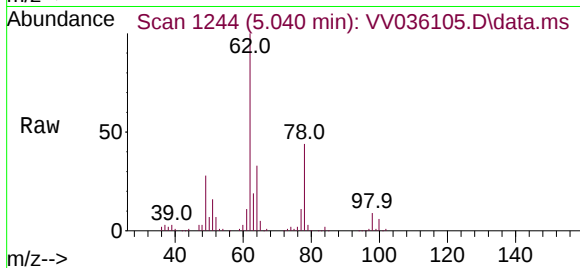
ClientSampleId :

Tgt Ion: 62 Resp: 136290

Ion Ratio Lower Upper

62 100

98 9.4 7.8 11.6



#29

Cyclohexane

Concen: 30.064 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

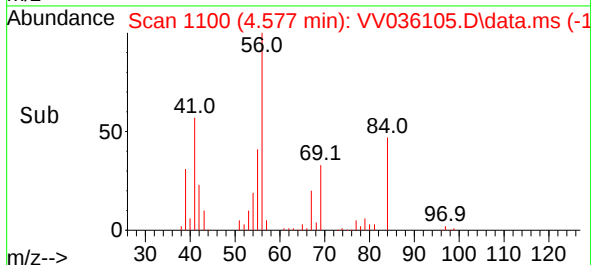
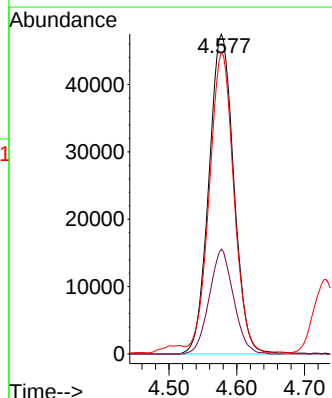
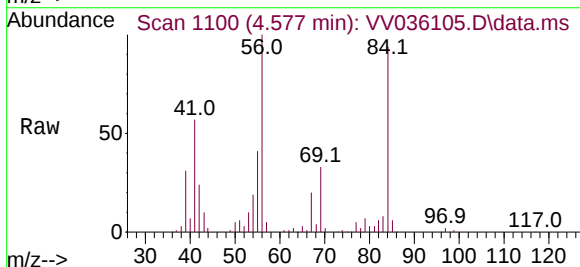
Tgt Ion: 56 Resp: 121007

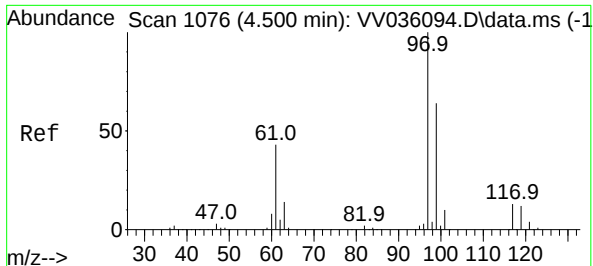
Ion Ratio Lower Upper

56 100

69 31.9 25.2 37.8

84 91.8 72.2 108.2

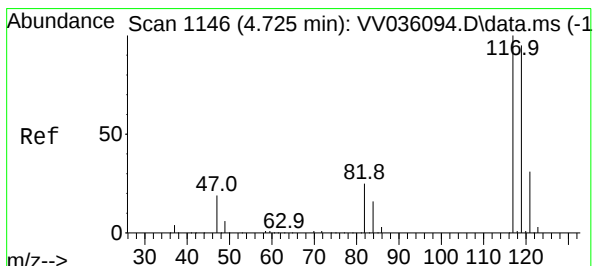
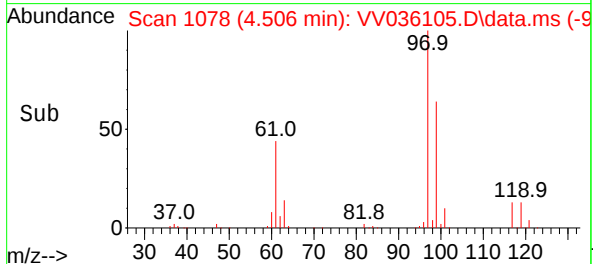
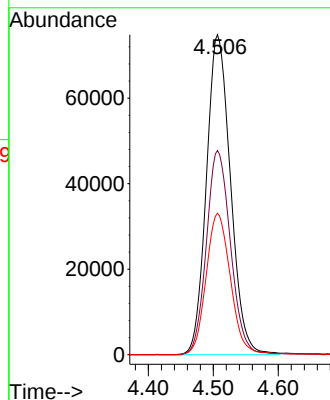
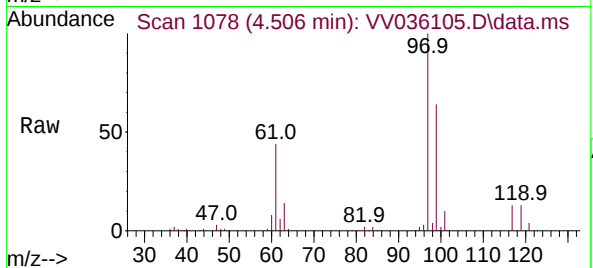




#30
1,1,1-Trichloroethane
Concen: 41.782 ug/L
RT: 4.506 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

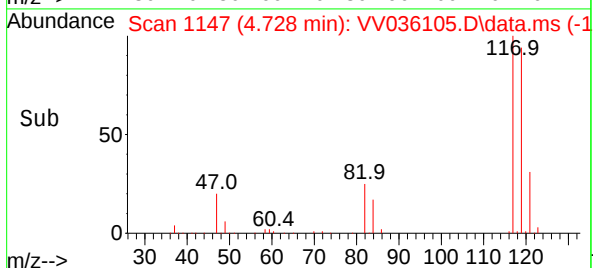
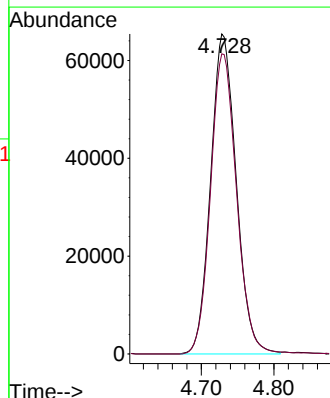
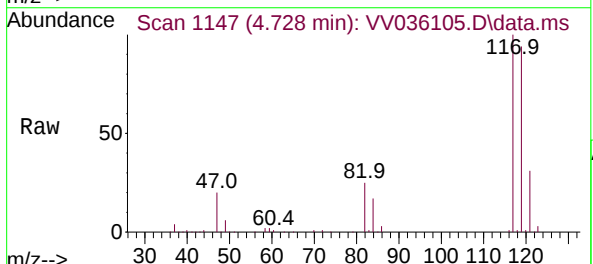
Instrument :
MSVOA_V
ClientSampleId :

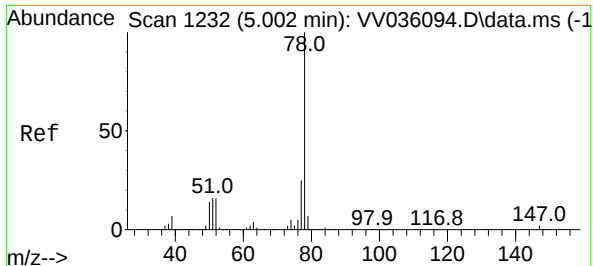
Tgt Ion: 97 Resp: 193101
Ion Ratio Lower Upper
97 100
99 63.8 50.9 76.3
61 44.5 35.0 52.6



#31
Carbon tetrachloride
Concen: 39.557 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Tgt Ion: 117 Resp: 160382
Ion Ratio Lower Upper
117 100
119 95.6 76.8 115.2

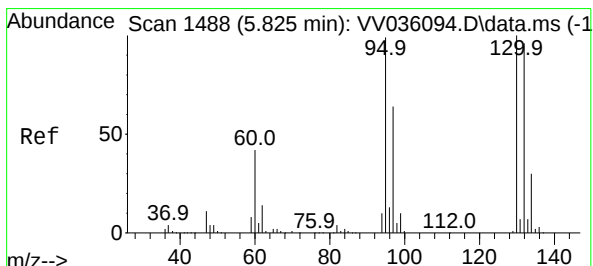
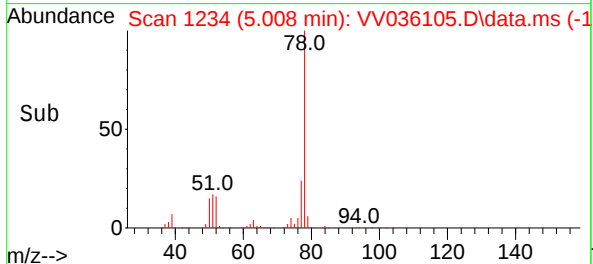
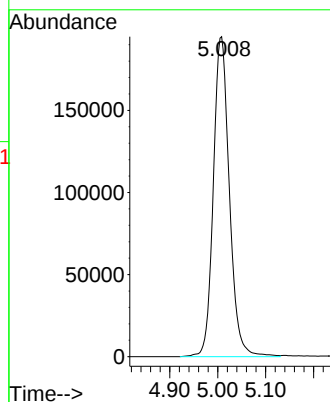
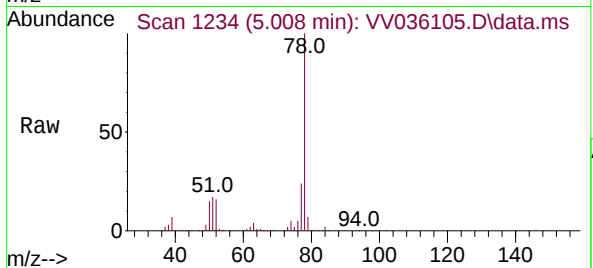




#33
Benzene
Concen: 40.987 ug/L
RT: 5.008 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Instrument :
MSVOA_V
ClientSampleId :

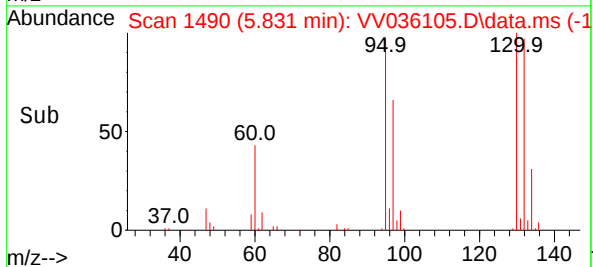
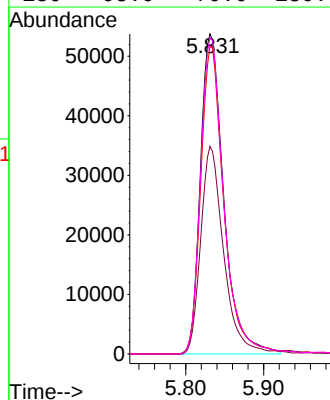
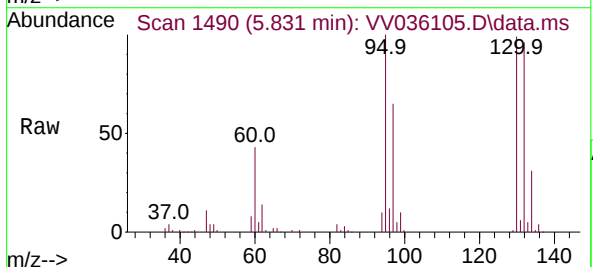
Tgt Ion: 78 Resp: 453171

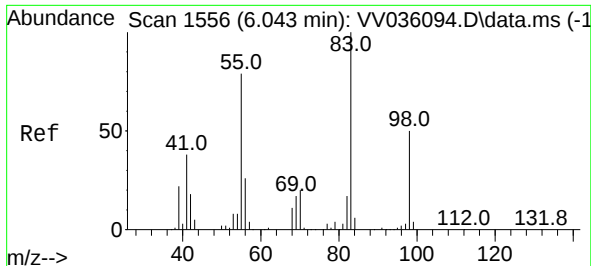


#34
Trichloroethene
Concen: 32.976 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Tgt Ion: 95 Resp: 111744

Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.8	83.2
132	96.1	66.8	124.2
130	98.9	70.0	130.0





#35

Methylcyclohexane

Concen: 23.608 ug/L

RT: 6.047 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

ClientSampleId :

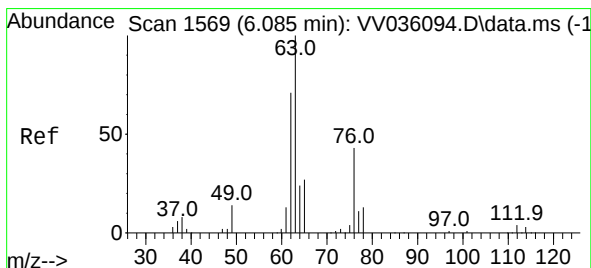
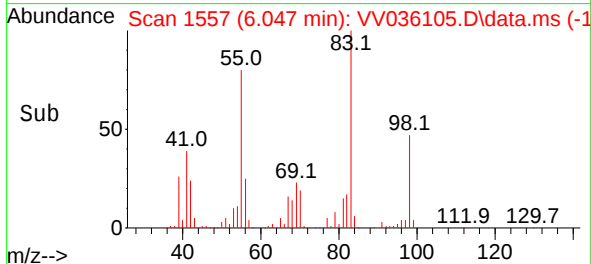
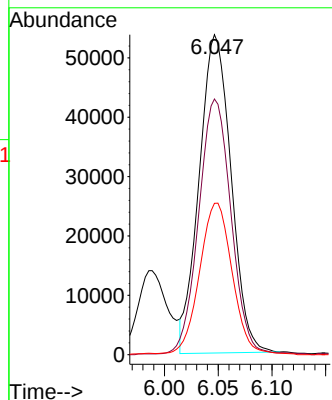
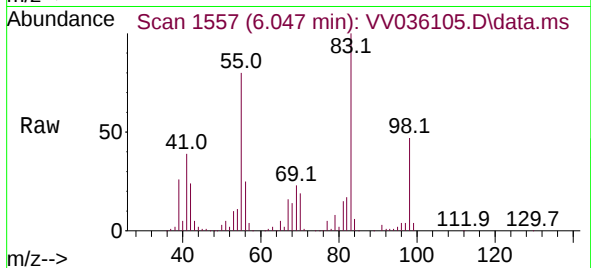
Tgt Ion: 83 Resp: 110631

Ion Ratio Lower Upper

83 100

55 82.1 60.7 91.1

98 49.0 38.7 58.1



#37

1,2-Dichloropropane

Concen: 39.946 ug/L

RT: 6.092 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VV036105.D

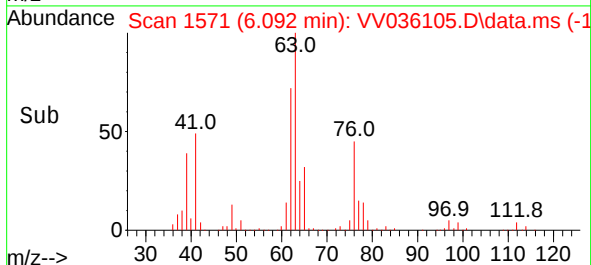
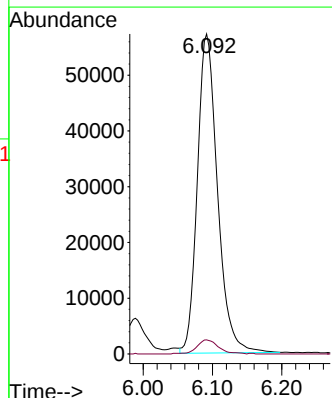
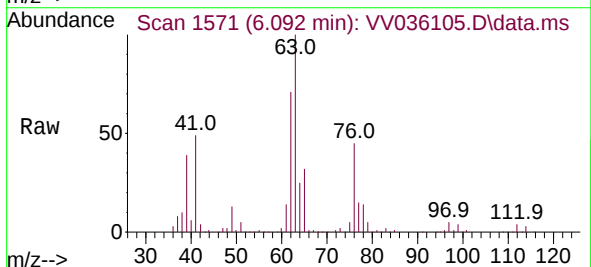
Acq: 17 Jun 2024 17:42

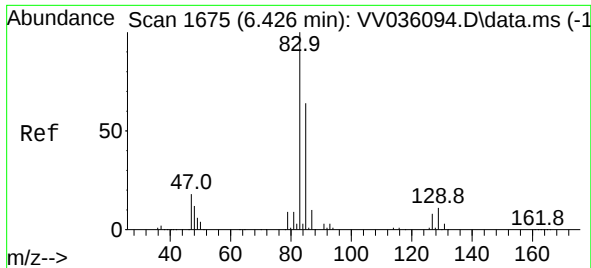
Tgt Ion: 63 Resp: 115972

Ion Ratio Lower Upper

63 100

112 4.7 3.5 5.3





#38

Bromodichloromethane

Concen: 37.580 ug/L

RT: 6.432 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

ClientSampleId :

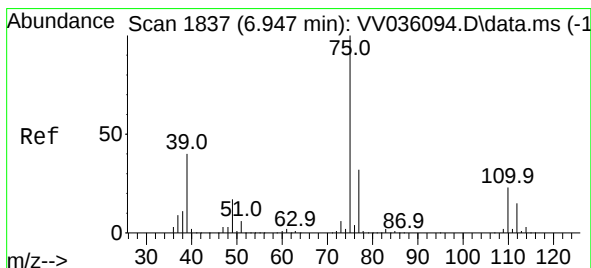
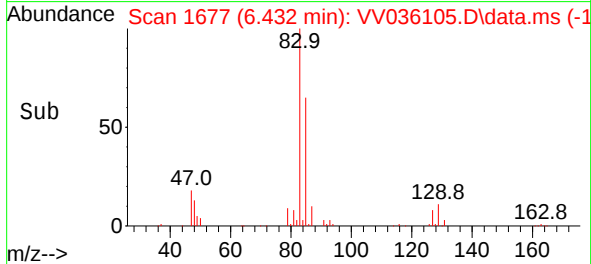
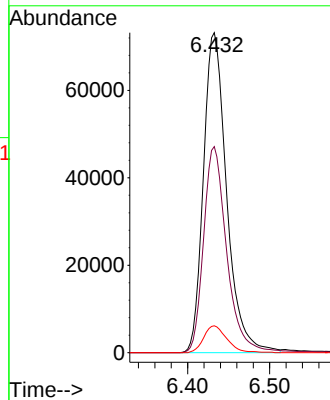
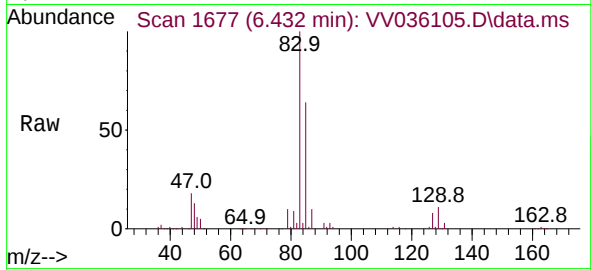
Tgt Ion: 83 Resp: 144405

Ion Ratio Lower Upper

83 100

85 64.4 45.3 84.1

127 8.4 6.7 10.1



#39

cis-1,3-Dichloropropene

Concen: 22.500 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. 0.010 min

Lab File: VV036105.D

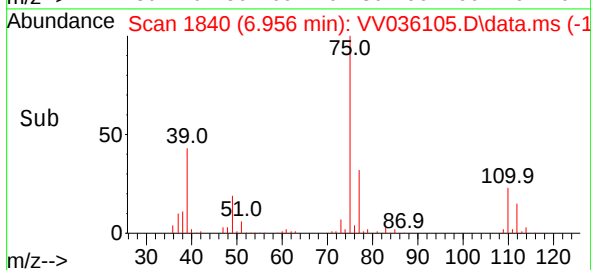
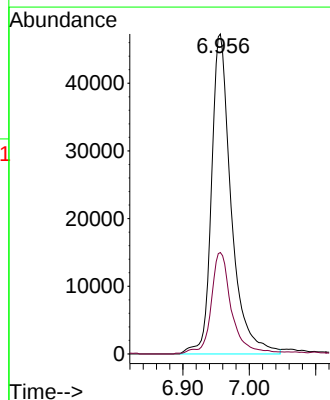
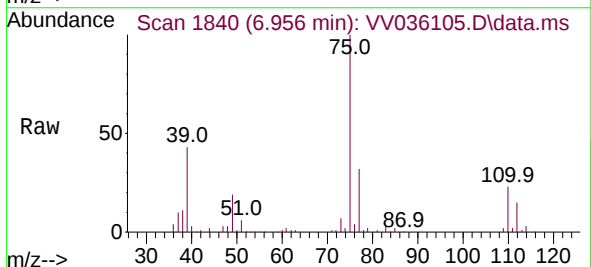
Acq: 17 Jun 2024 17:42

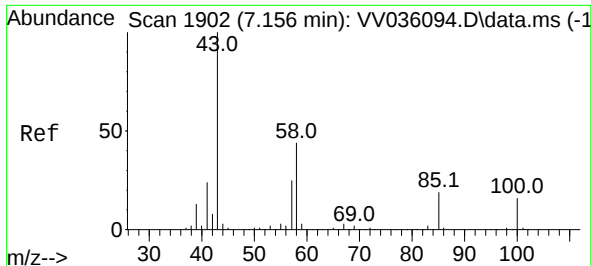
Tgt Ion: 75 Resp: 97699

Ion Ratio Lower Upper

75 100

77 31.7 22.1 41.1

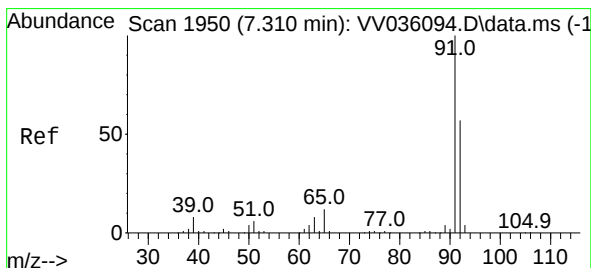
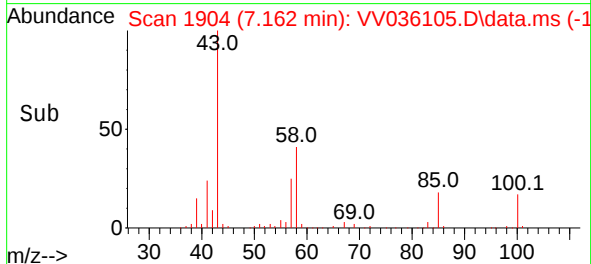
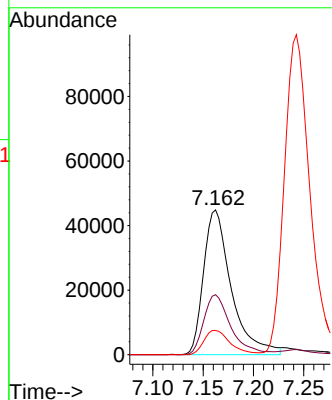
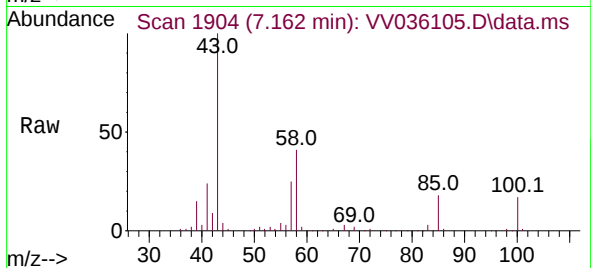




#40
4-Methyl-2-pentanone
Concen: 54.718 ug/L
RT: 7.162 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

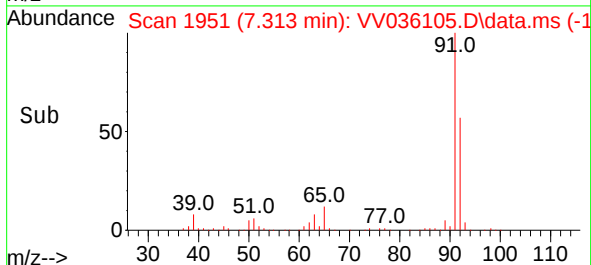
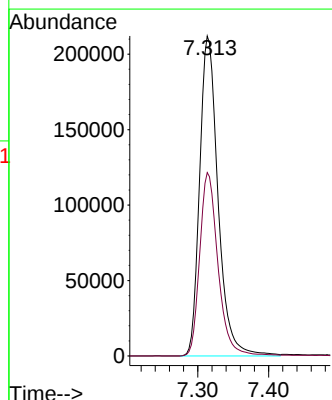
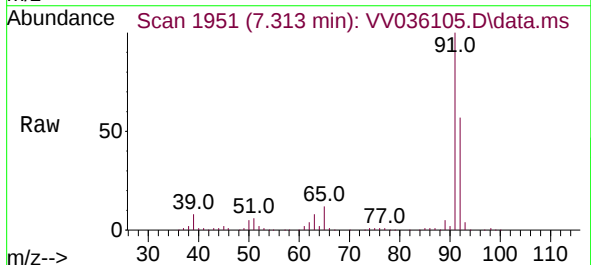
Instrument :
MSVOA_V
ClientSampleId :

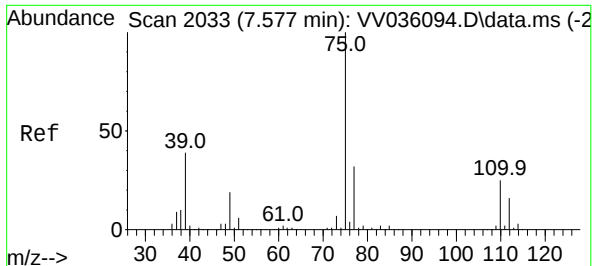
Tgt Ion: 43 Resp: 86307
Ion Ratio Lower Upper
43 100
58 40.4 32.5 48.7
100 16.0 12.5 18.7



#42
Toluene
Concen: 33.980 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Tgt Ion: 91 Resp: 383892
Ion Ratio Lower Upper
91 100
92 57.3 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 24.141 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.006 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

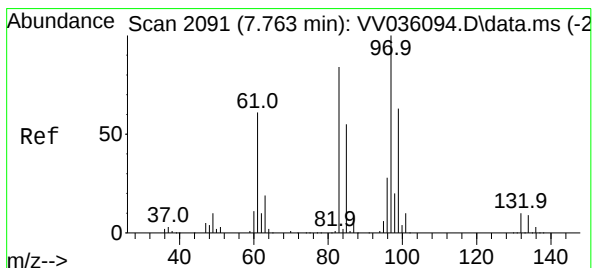
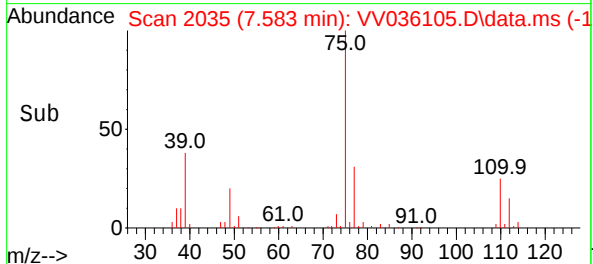
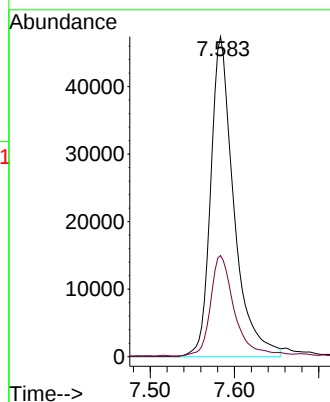
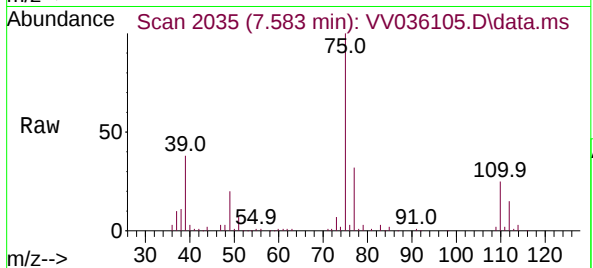
ClientSampleId :

Tgt Ion: 75 Resp: 90544

Ion Ratio Lower Upper

75 100

77 31.6 23.1 42.9



#45

1,1,2-Trichloroethane

Concen: 33.490 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. 0.006 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Tgt Ion: 97 Resp: 80448

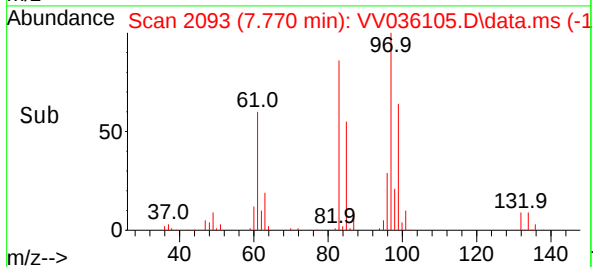
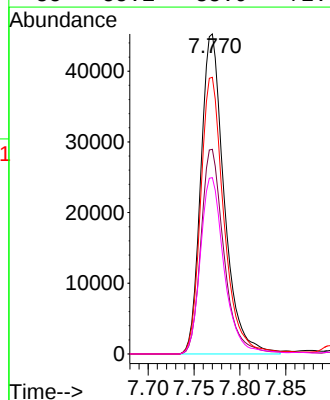
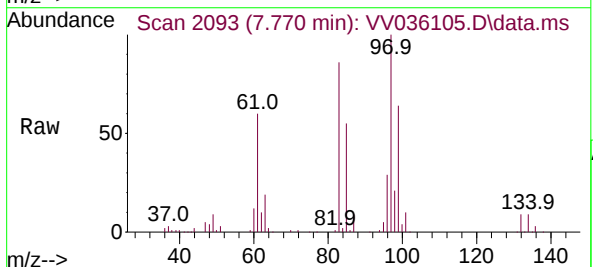
Ion Ratio Lower Upper

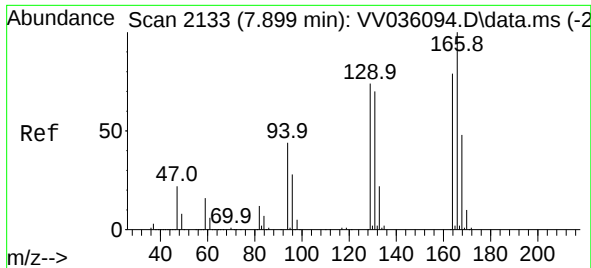
97 100

99 64.0 43.3 80.5

83 86.4 60.1 111.7

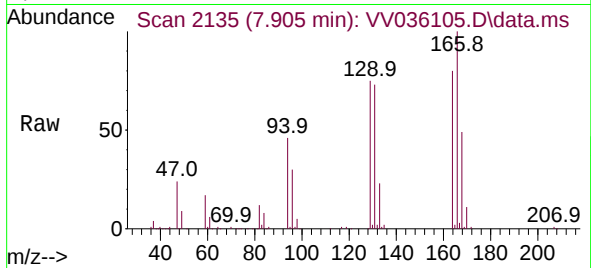
85 55.1 38.9 72.3



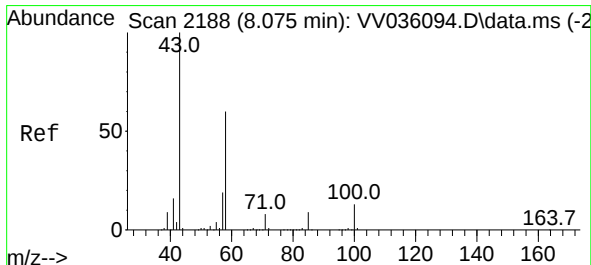
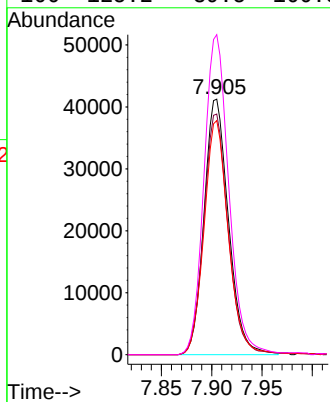
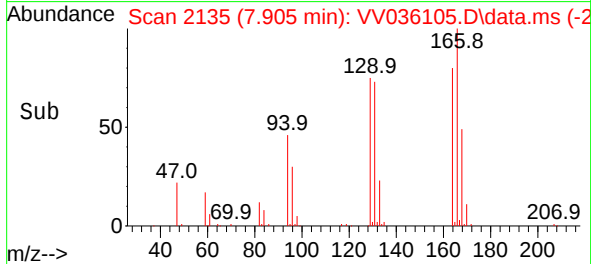


#46
Tetrachloroethene
Concen: 28.189 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

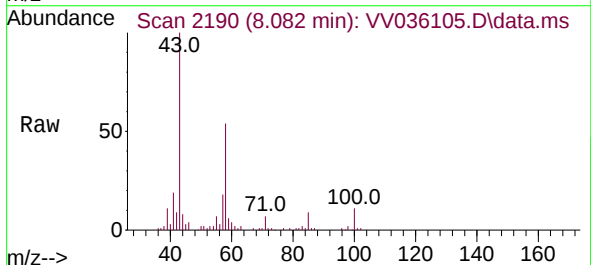
Instrument :
MSVOA_V
ClientSampleId :



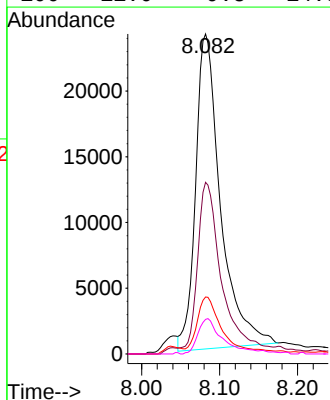
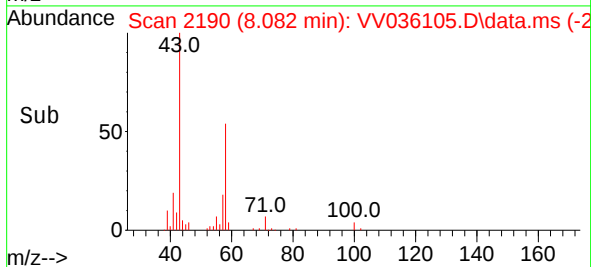
Tgt Ion:164	Resp:	69861
Ion	Ratio	Lower Upper
164	100	
129	94.2	64.6 120.0
131	91.6	63.2 117.4
166	125.2	89.5 166.3

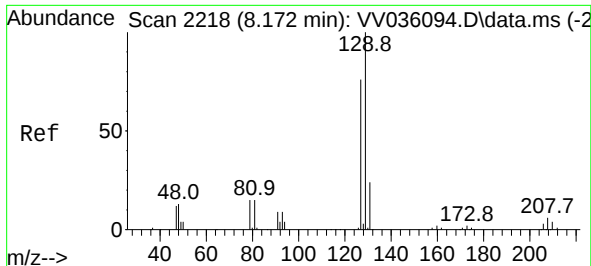


#48
2-Hexanone
Concen: 43.290 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42



Tgt Ion: 43	Resp:	53382
Ion	Ratio	Lower Upper
43	100	
58	49.0	45.4 68.0
57	15.5	15.8 23.8#
100	11.0	9.8 14.8





#49

Dibromochloromethane

Concen: 30.875 ug/L

RT: 8.175 min Scan# 2218

Delta R.T. 0.003 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

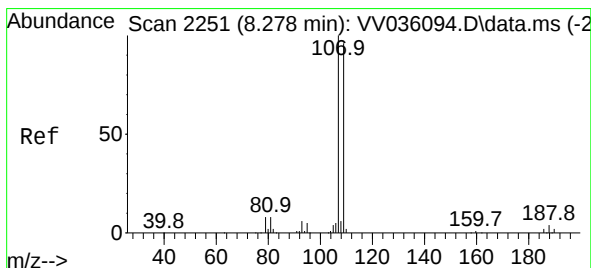
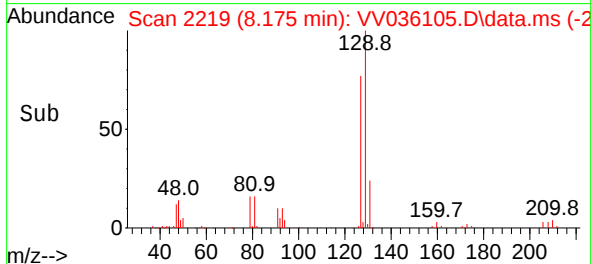
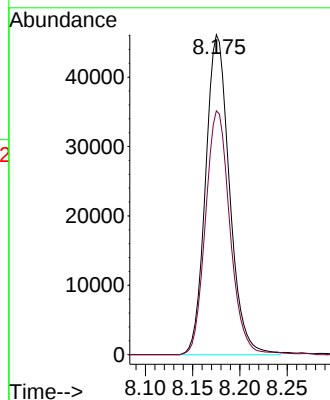
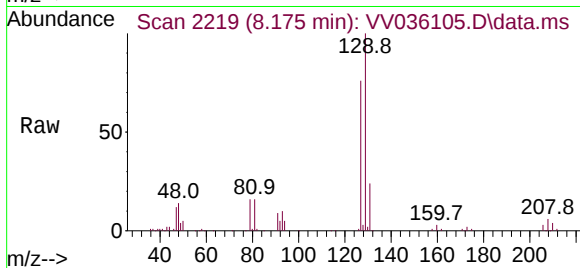
ClientSampleId :

Tgt Ion:129 Resp: 81170

Ion Ratio Lower Upper

129 100

127 76.2 53.9 100.1



#50

1,2-Dibromoethane

Concen: 29.224 ug/L

RT: 8.284 min Scan# 2253

Delta R.T. 0.006 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

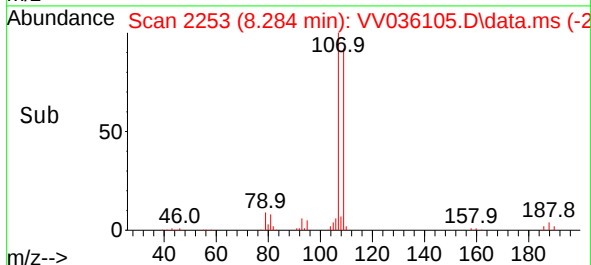
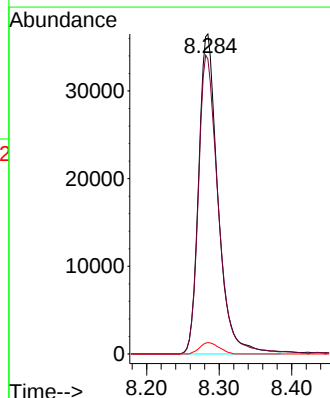
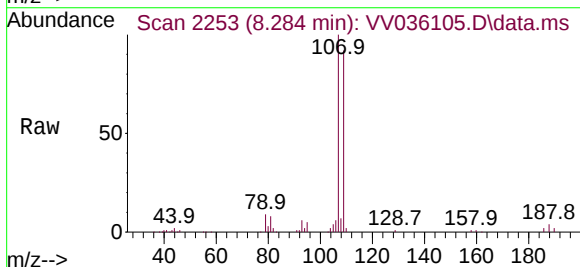
Tgt Ion:107 Resp: 67359

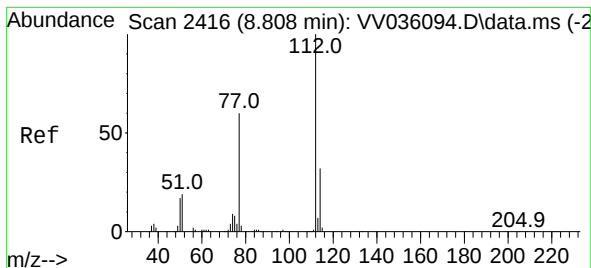
Ion Ratio Lower Upper

107 100

109 92.2 66.1 122.7

188 3.5 3.0 4.6





#51

Chlorobenzene

Concen: 24.061 ug/L

RT: 8.815 min Scan# 2416

Delta R.T. 0.006 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

ClientSampleId :

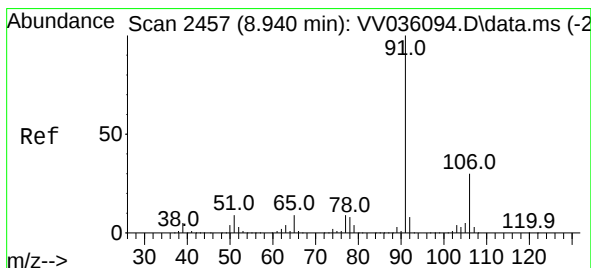
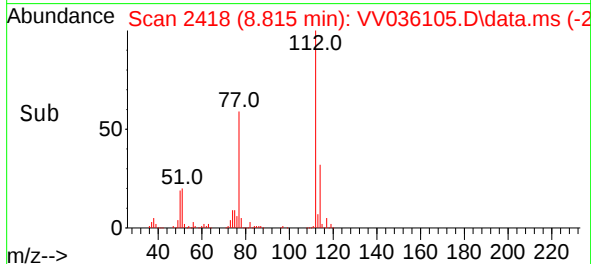
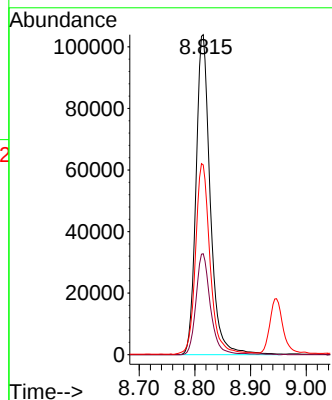
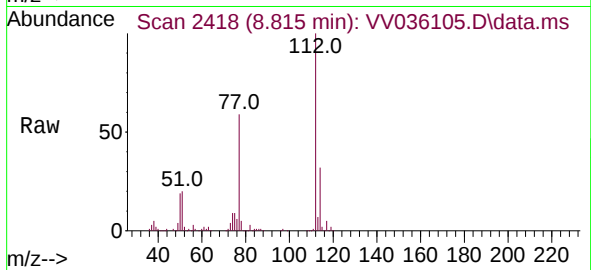
Tgt Ion:112 Resp: 185216

Ion Ratio Lower Upper

112 100

114 31.5 22.3 41.5

77 59.3 47.3 70.9



#52

Ethylbenzene

Concen: 24.267 ug/L

RT: 8.947 min Scan# 2459

Delta R.T. 0.006 min

Lab File: VV036105.D

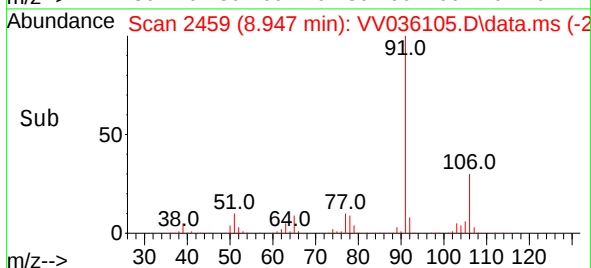
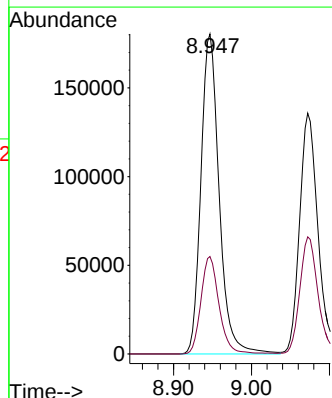
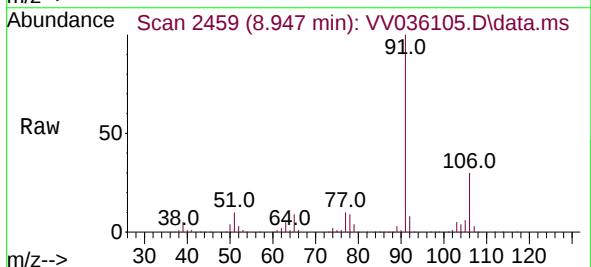
Acq: 17 Jun 2024 17:42

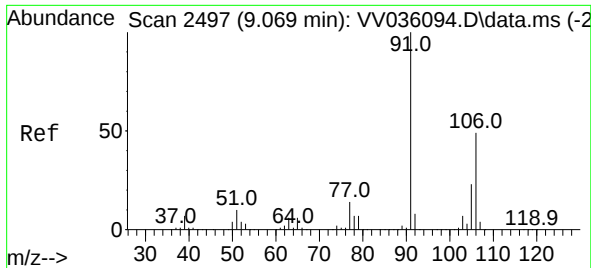
Tgt Ion: 91 Resp: 293331

Ion Ratio Lower Upper

91 100

106 30.5 21.6 40.0





#53

m,p-Xylene

Concen: 23.439 ug/L

RT: 9.072 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

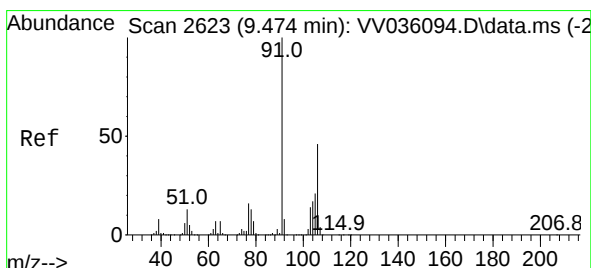
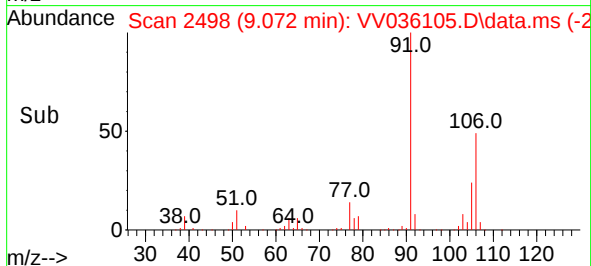
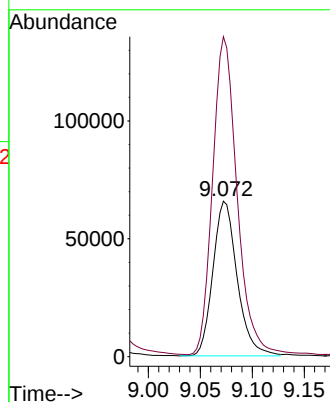
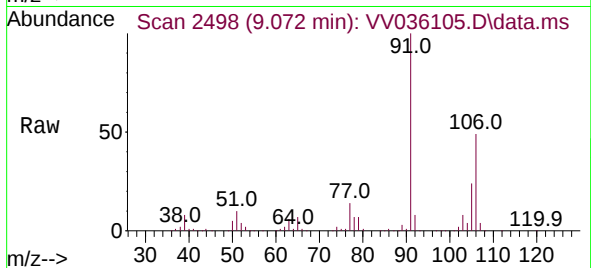
ClientSampleId :

Tgt Ion:106 Resp: 106457

Ion Ratio Lower Upper

106 100

91 205.7 143.1 265.9



#54

o-Xylene

Concen: 22.565 ug/L

RT: 9.477 min Scan# 2624

Delta R.T. 0.003 min

Lab File: VV036105.D

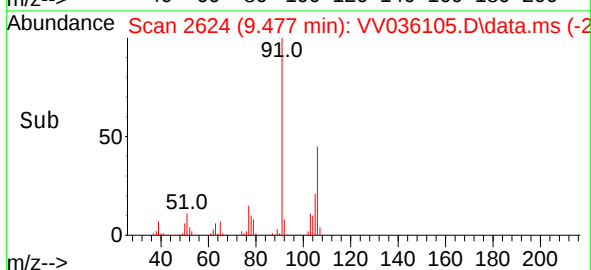
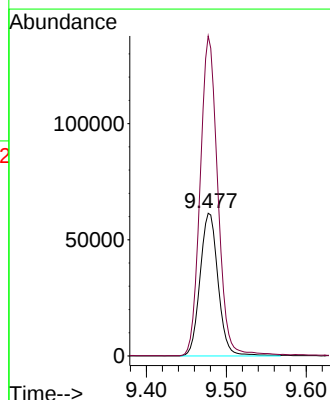
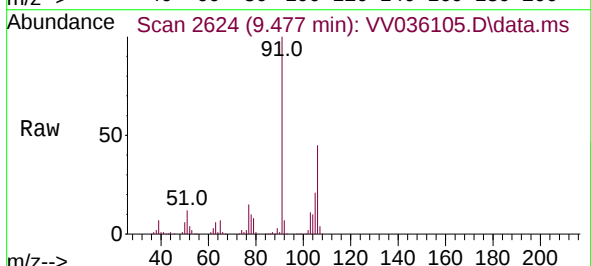
Acq: 17 Jun 2024 17:42

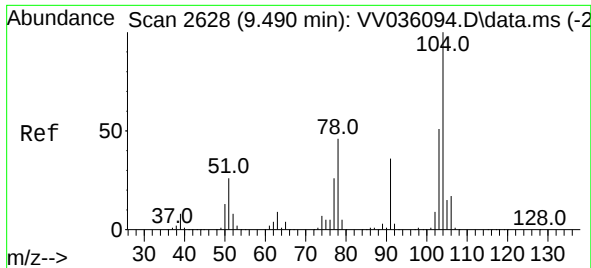
Tgt Ion:106 Resp: 96650

Ion Ratio Lower Upper

106 100

91 224.1 154.5 286.9

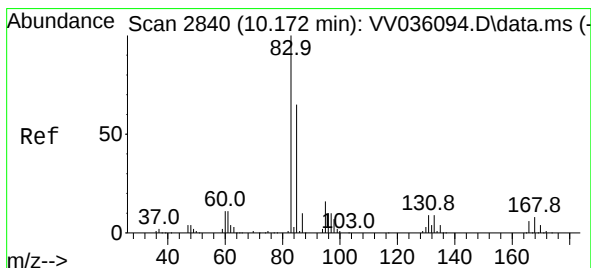
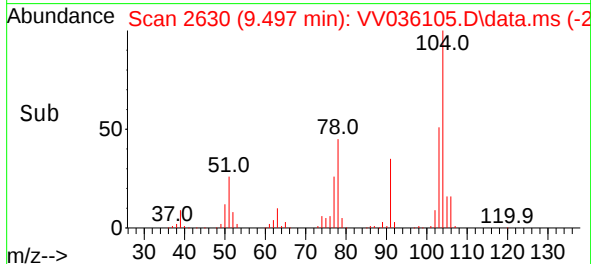
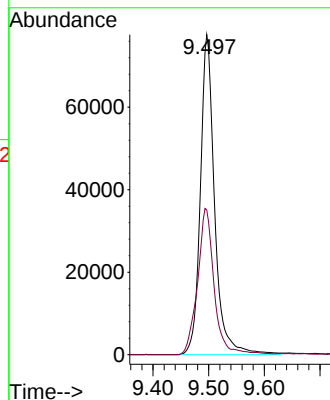
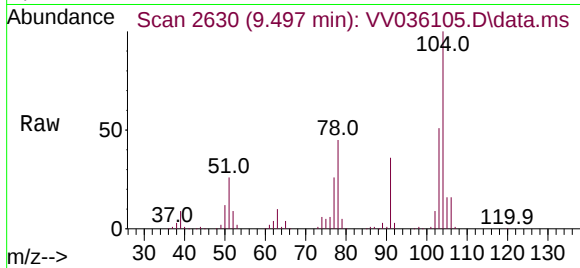




#55
Styrene
Concen: 18.328 ug/L
RT: 9.497 min Scan# 2628
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

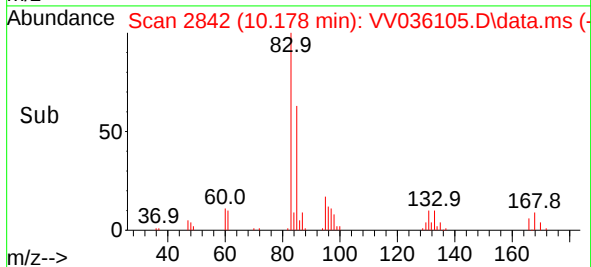
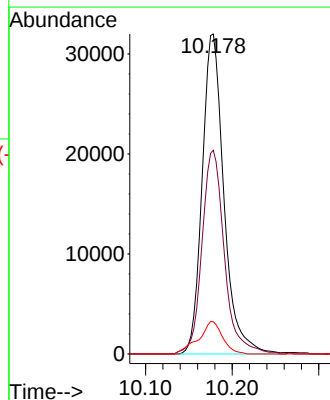
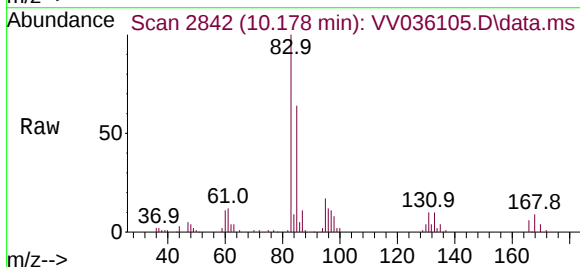
Instrument :
MSVOA_V
ClientSampleId :

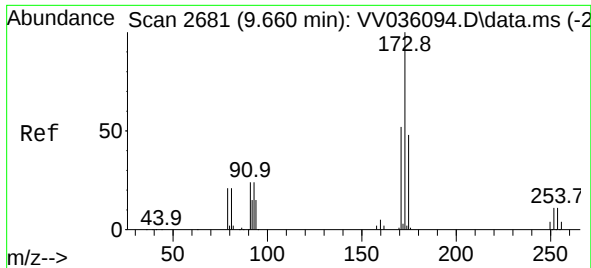
Tgt Ion:104 Resp: 138429
Ion Ratio Lower Upper
104 100
78 45.2 31.4 58.2



#57
1,1,2,2-Tetrachloroethane
Concen: 25.947 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

Tgt Ion: 83 Resp: 55811
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.7
131 10.1 7.6 11.4





#59

Bromoform

Concen: 42.489 ug/L

RT: 9.664 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

ClientSampleId :

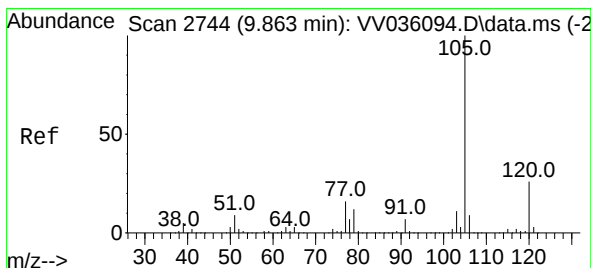
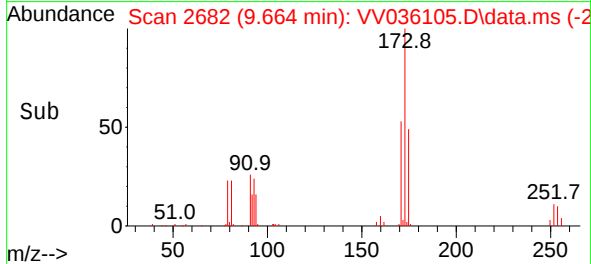
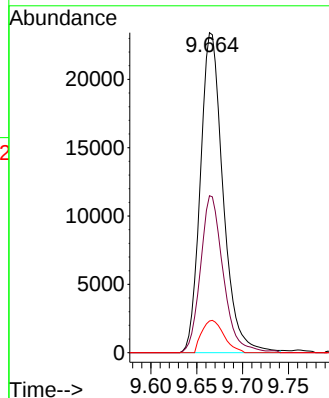
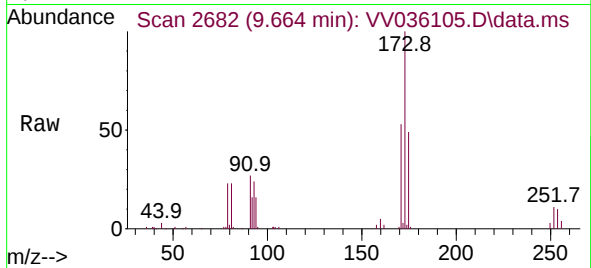
Tgt Ion:173 Resp: 40360

Ion Ratio Lower Upper

173 100

175 49.0 39.0 58.6

254 9.8 8.6 13.0



#60

Isopropylbenzene

Concen: 36.612 ug/L

RT: 9.866 min Scan# 2745

Delta R.T. 0.003 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

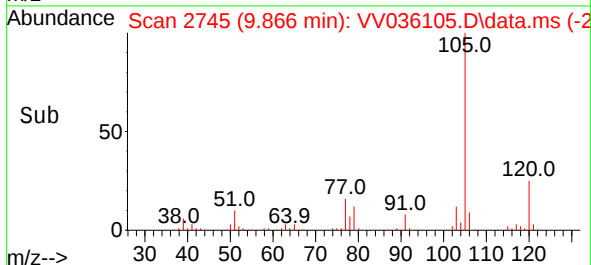
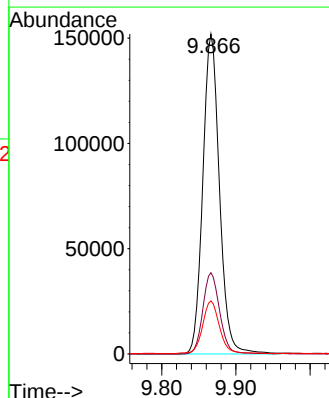
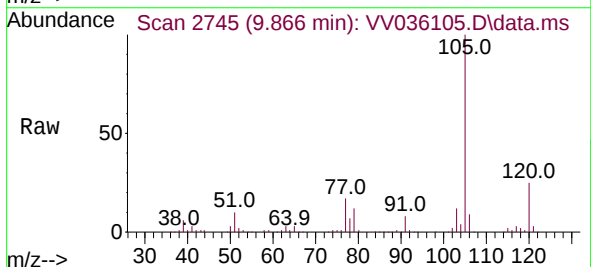
Tgt Ion:105 Resp: 236590

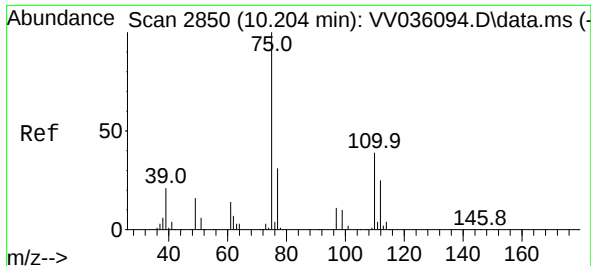
Ion Ratio Lower Upper

105 100

120 25.7 21.0 31.6

77 16.6 12.6 18.8





#61

1,2,3-Trichloropropane

Concen: 46.647 ug/L

RT: 10.210 min Scan# 2852

Delta R.T. 0.006 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

ClientSampleId :

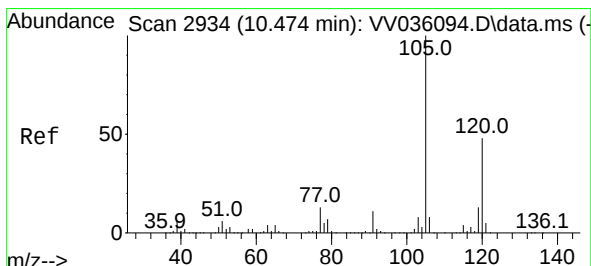
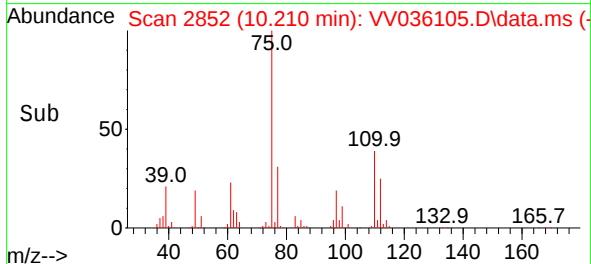
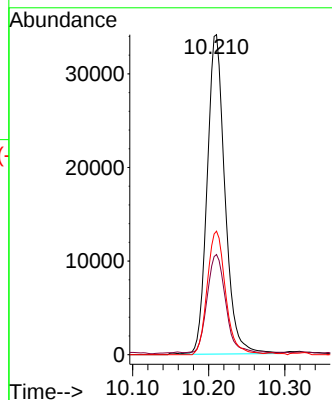
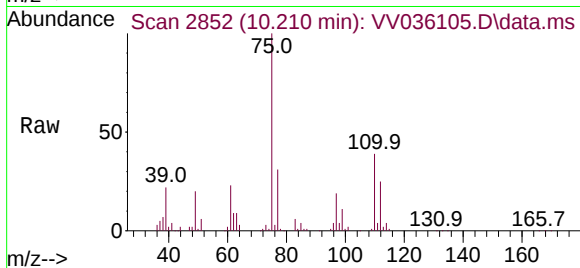
Tgt Ion: 75 Resp: 55569

Ion Ratio Lower Upper

75 100

77 31.5 26.0 39.0

110 39.8 32.2 48.4



#62

1,3,5-Trimethylbenzene

Concen: 25.995 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV036105.D

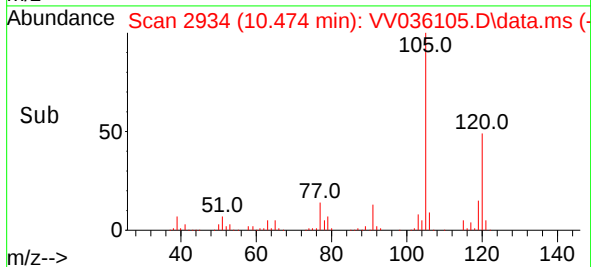
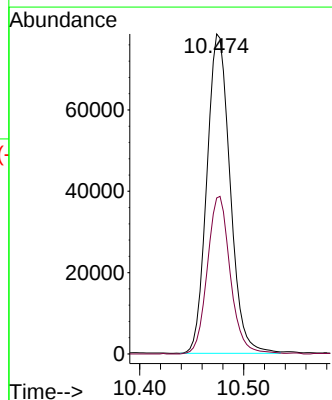
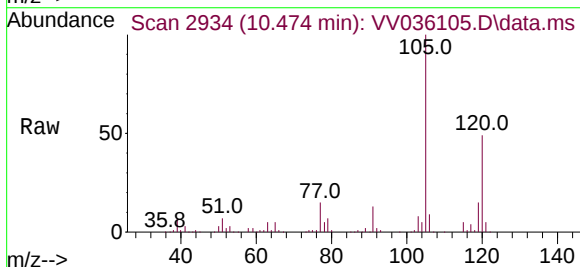
Acq: 17 Jun 2024 17:42

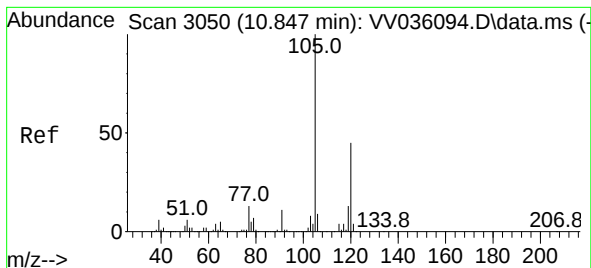
Tgt Ion:105 Resp: 121809

Ion Ratio Lower Upper

105 100

120 48.7 38.6 58.0





#63

1,2,4-Trimethylbenzene

Concen: 23.658 ug/L

RT: 10.850 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

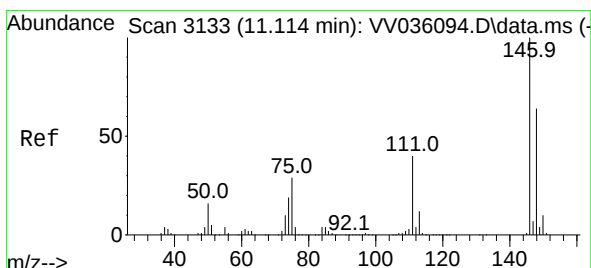
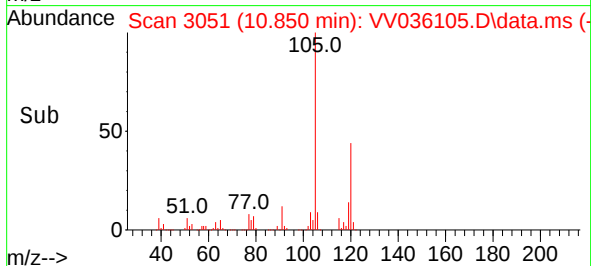
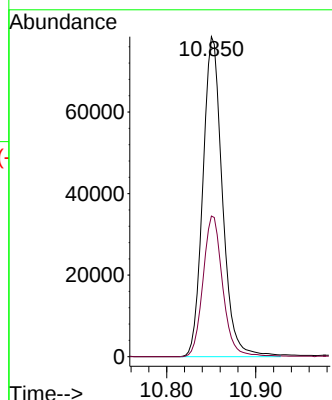
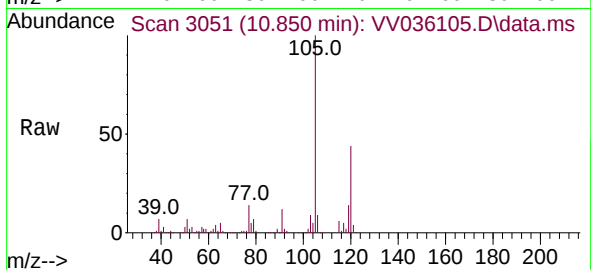
ClientSampleId :

Tgt Ion:105 Resp: 119442

Ion Ratio Lower Upper

105 100

120 44.4 36.2 54.4



#64

1,3-Dichlorobenzene

Concen: 21.845 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.003 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

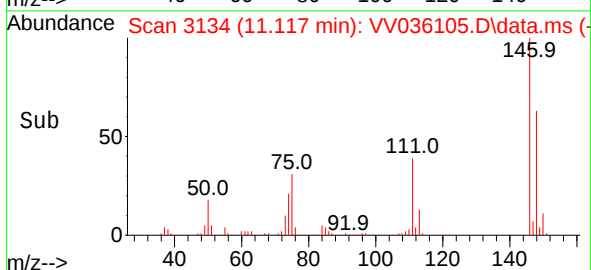
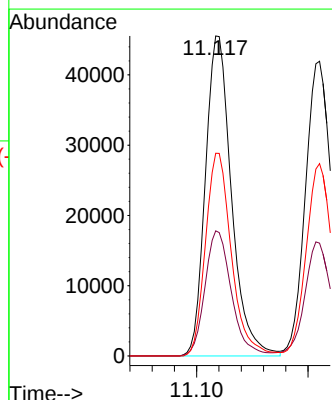
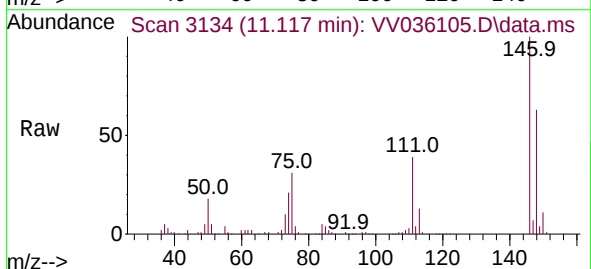
Tgt Ion:146 Resp: 74134

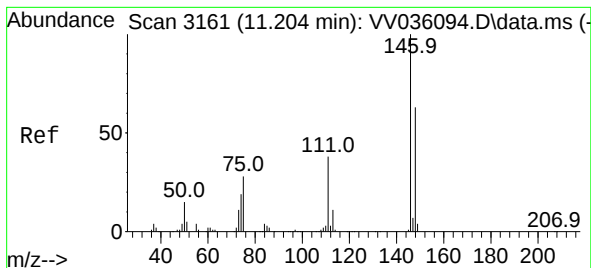
Ion Ratio Lower Upper

146 100

111 39.1 28.1 52.1

148 63.3 44.7 83.1





#65

1,4-Dichlorobenzene

Concen: 20.491 ug/L

RT: 11.210 min Scan# 3161

Delta R.T. 0.006 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

ClientSampleId :

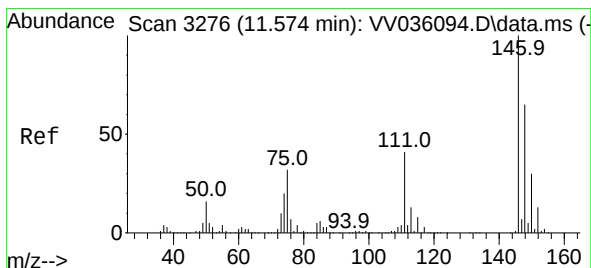
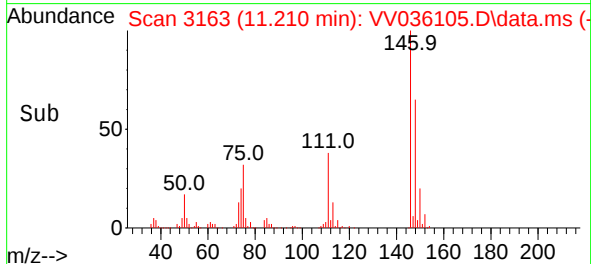
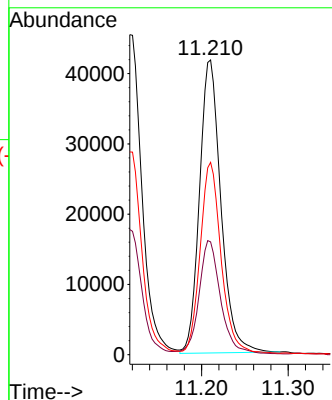
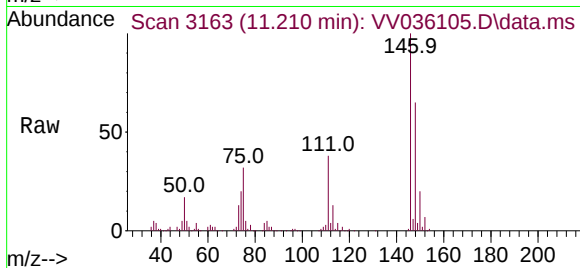
Tgt Ion:146 Resp: 71775

Ion Ratio Lower Upper

146 100

111 38.3 26.9 50.1

148 65.3 44.5 82.7



#67

1,2-Dichlorobenzene

Concen: 20.243 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.006 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

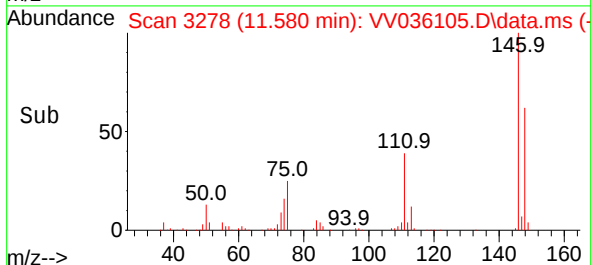
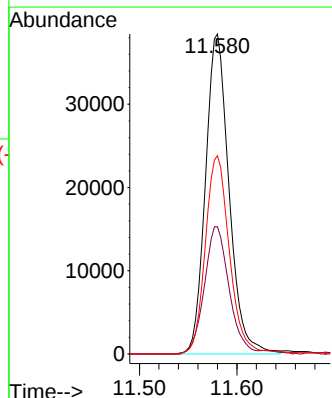
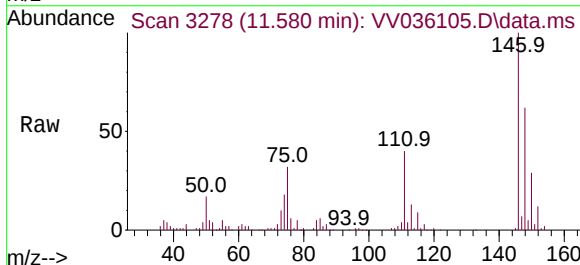
Tgt Ion:146 Resp: 64645

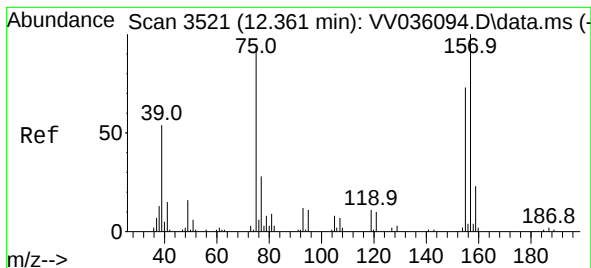
Ion Ratio Lower Upper

146 100

111 39.8 33.5 50.3

148 61.9 50.9 76.3





#68

1,2-Dibromo-3-chloropropane

Concen: 33.868 ug/L

RT: 12.365 min Scan# 3521

Delta R.T. 0.003 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

ClientSampleId :

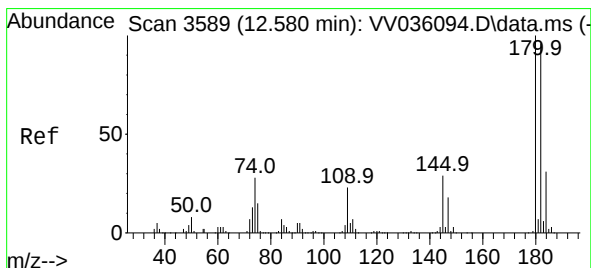
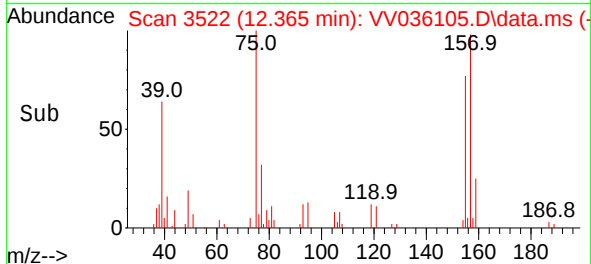
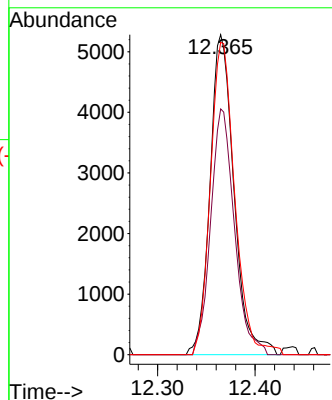
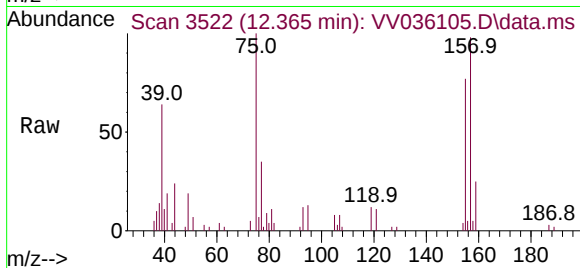
Tgt Ion: 75 Resp: 9022

Ion Ratio Lower Upper

75 100

155 76.8 63.3 94.9

157 97.6 82.4 123.6



#69

1,3,5-Trichlorobenzene

Concen: 10.866 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Tgt Ion:180 Resp: 27583

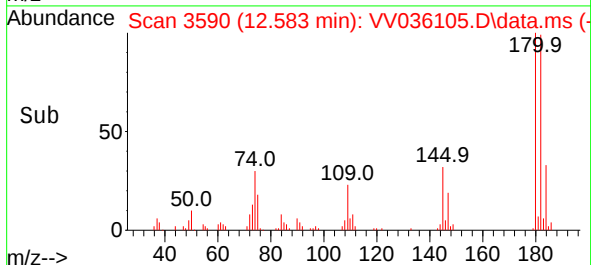
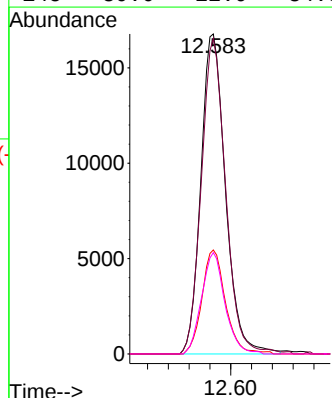
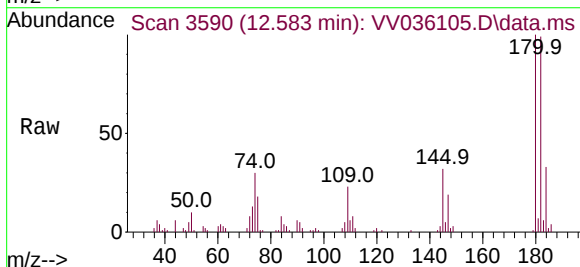
Ion Ratio Lower Upper

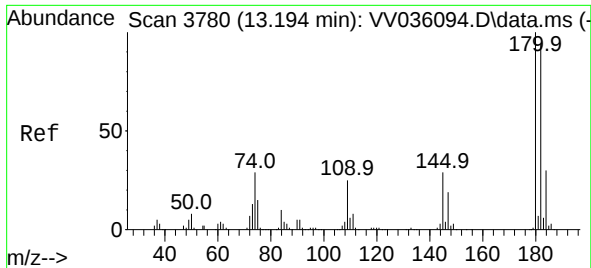
180 100

182 96.6 76.2 114.4

184 31.0 24.2 36.2

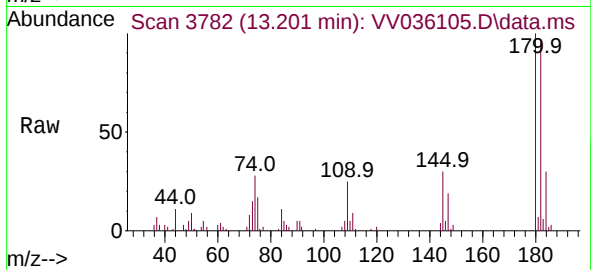
145 30.0 22.9 34.3



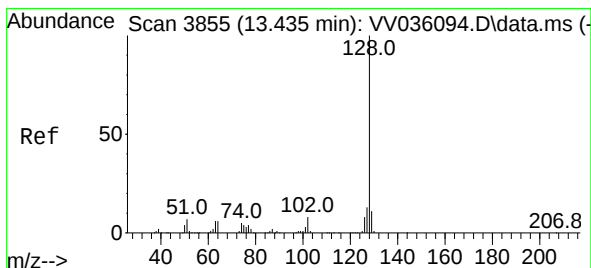
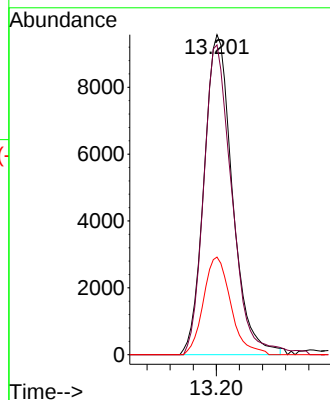
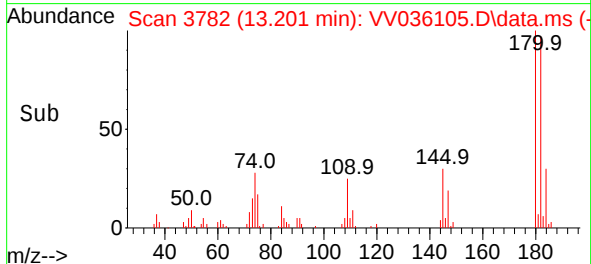


#70
1,2,4-trichlorobenzene
Concen: 8.180 ug/L
RT: 13.201 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42

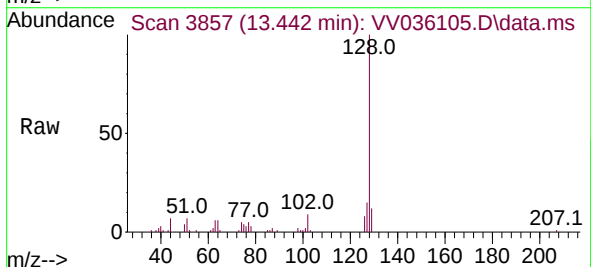
Instrument :
MSVOA_V
ClientSampleId :



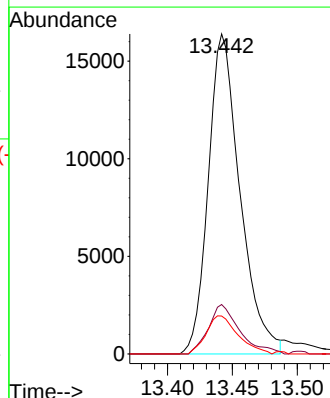
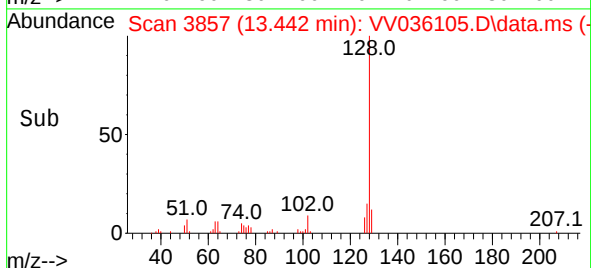
Tgt Ion:180 Resp: 16350
Ion Ratio Lower Upper
180 100
182 95.8 76.1 114.1
145 29.4 23.5 35.3

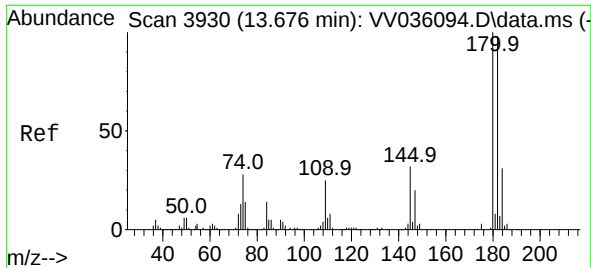


#71
Naphthalene
Concen: 8.536 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.006 min
Lab File: VV036105.D
Acq: 17 Jun 2024 17:42



Tgt Ion:128 Resp: 27844
Ion Ratio Lower Upper
128 100
127 15.3 10.6 16.0
129 11.9 8.8 13.2





#72

1,2,3-Trichlorobenzene

Concen: 6.718 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

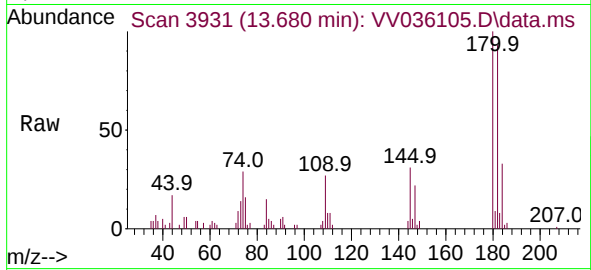
Lab File: VV036105.D

Acq: 17 Jun 2024 17:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 12253

Ion Ratio Lower Upper

180 100

182 90.3 75.1 112.7

145 31.4 25.2 37.8

