

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081324\
 Data File : VV036925.D
 Acq On : 13 Aug 2024 17:12
 Operator : SY/MD
 Sample : P3589-06MSD
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0CK5MSD

Quant Time: Aug 14 05:01:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 04:10:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	663783	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	640615	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	325460	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	168644	31.809	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.620%
7) Chloroethane-d5	1.532	69	156153	37.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.700%
11) 1,1-Dichloroethene-d2	2.059	65	75680	33.371	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.740%
21) 2-Butanone-d5	3.796	46	264251	94.072	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.070%
24) Chloroform-d	4.246	84	431510	45.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.700%
26) 1,2-Dichloroethane-d4	4.940	65	266408	43.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.100%
32) Benzene-d6	4.953	84	772032	39.901	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	5.985	67	267866	42.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.820%
41) Toluene-d8	7.239	98	661757	37.284	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.560%#
43) trans-1,3-Dichloroprop...	7.551	79	121653	37.447	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.900%
47) 2-Hexanone-d5	8.024	63	177766	99.044	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.040%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	364647	50.876	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.760%
66) 1,2-Dichlorobenzene-d4	11.554	152	289394	43.636	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	273750	51.722	ug/L	99
3) Chloromethane	1.217	50	290069	52.369	ug/L	100
5) Vinyl chloride	1.281	62	292489	51.421	ug/L	98
6) Bromomethane	1.487	94	176990	49.421	ug/L	98
8) Chloroethane	1.548	64	180258	51.160	ug/L	98
9) Trichlorofluoromethane	1.712	101	380164	51.024	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	223100	50.817	ug/L	99
12) 1,1-Dichloroethene	2.069	96	211743	50.499	ug/L	90
13) Acetone	2.114	43	190378	81.004	ug/L	99
14) Carbon disulfide	2.240	76	592500	44.984	ug/L	100
15) Methyl Acetate	2.371	43	219194	45.273	ug/L	98
16) Methylene chloride	2.445	84	243344	51.623	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	223376	51.430	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	768287	50.225	ug/L	99
19) 1,1-Dichloroethane	3.104	63	460390	52.466	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	266629	52.303	ug/L	93
22) 2-Butanone	3.879	43	276153	87.710	ug/L	98
23) Bromochloromethane	4.143	128	130746	52.799	ug/L	97
25) Chloroform	4.272	83	465071	51.602	ug/L	97

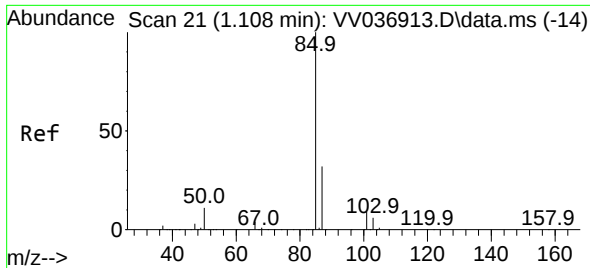
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081324\
 Data File : VV036925.D
 Acq On : 13 Aug 2024 17:12
 Operator : SY/MD
 Sample : P3589-06MSD
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0CK5MSD

Quant Time: Aug 14 05:01:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 04:10:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	362749	51.025	ug/L	100
29) Cyclohexane	4.574	56	388054	47.543	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	392754	48.663	ug/L	100
31) Carbon tetrachloride	4.728	117	321954	47.499	ug/L	99
33) Benzene	5.005	78	981214	51.209	ug/L	100
34) Trichloroethene	5.828	95	265812	47.867	ug/L	97
35) Methylcyclohexane	6.043	83	395024	46.358	ug/L	98
37) 1,2-Dichloropropane	6.091	63	262515	51.718	ug/L	100
38) Bromodichloromethane	6.429	83	346801	49.615	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	420294	48.348	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	593861	94.447	ug/L	98
42) Toluene	7.310	91	1032373	50.585	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	377111	46.554	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	249147	50.685	ug/L	99
46) Tetrachloroethene	7.902	164	178654	49.048	ug/L	98
48) 2-Hexanone	8.075	43	431222	93.222	ug/L	99
49) Dibromochloromethane	8.172	129	257803	51.036	ug/L	100
50) 1,2-Dibromoethane	8.278	107	258050	50.597	ug/L	99
51) Chlorobenzene	8.808	112	665431	50.816	ug/L	98
52) Ethylbenzene	8.943	91	1158214	49.702	ug/L	99
53) m,p-Xylene	9.069	106	426565	48.971	ug/L	99
54) o-Xylene	9.474	106	426698	50.085	ug/L	98
55) Styrene	9.490	104	729076	49.937	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	353571	53.307	ug/L	100
59) Bromoform	9.660	173	167249	46.451	ug/L	98
60) Isopropylbenzene	9.863	105	1151031	48.579	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	280531	47.882	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	942290	47.768	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	942109	47.709	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	508660	49.922	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	515398	49.742	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	502166	50.463	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	69974	41.330	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	343675	47.529	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	326185	47.035	ug/L	98
71) Naphthalene	13.432	128	1050216	47.225	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	328840	48.441	ug/L	100

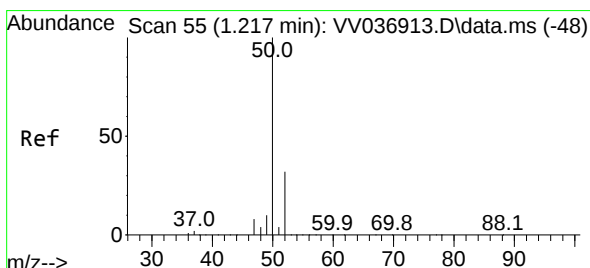
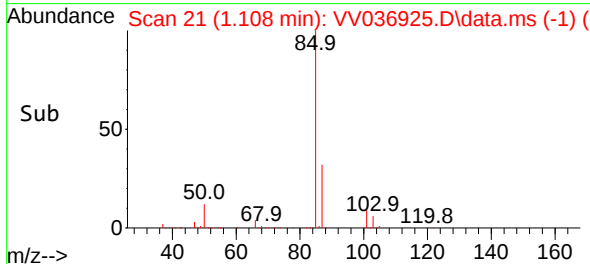
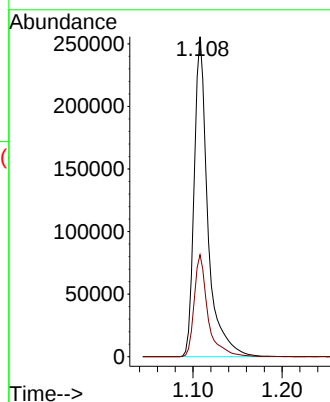
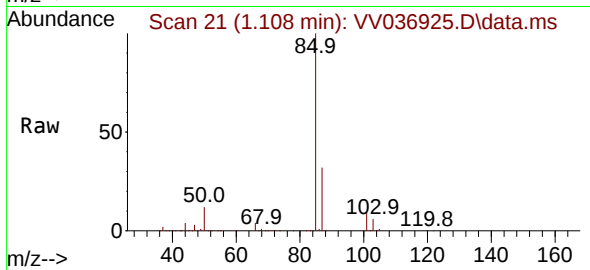
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 51.722 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV036925.D
 Acq: 13 Aug 2024 17:12

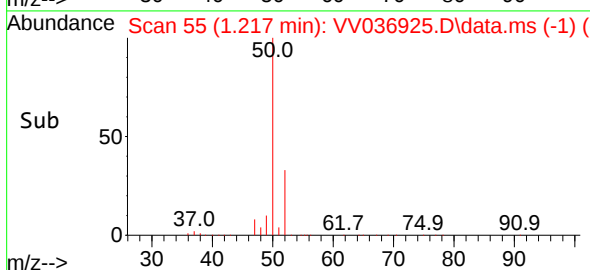
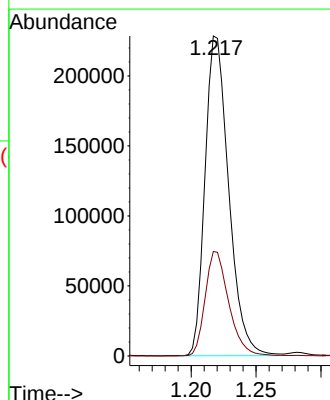
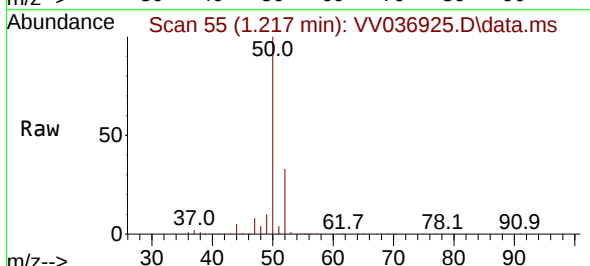
Instrument :
 MSVOA_V
 ClientSampleId :
 E0CK5MSD

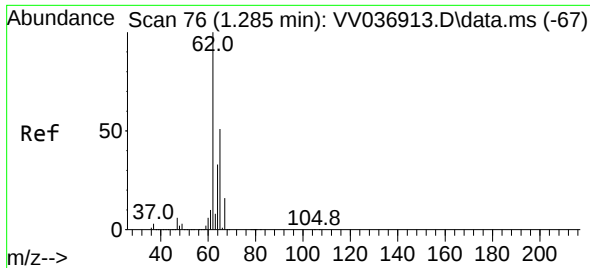
Tgt Ion: 85 Resp: 273750
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.9 38.9



#3
 Chloromethane
 Concen: 52.369 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV036925.D
 Acq: 13 Aug 2024 17:12

Tgt Ion: 50 Resp: 290069
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.8





#5
 Vinyl chloride
 Concen: 51.421 ug/L
 RT: 1.281 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV036925.D
 Acq: 13 Aug 2024 17:12

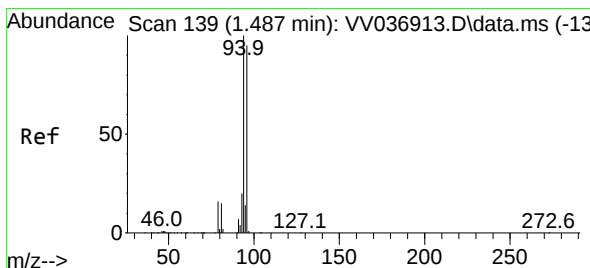
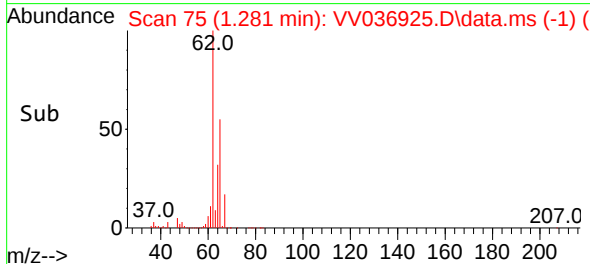
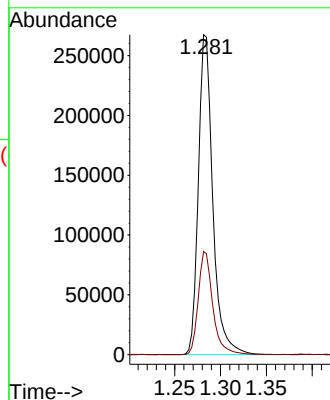
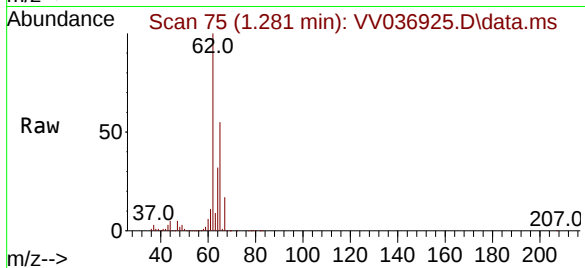
Instrument :

MSVOA_V

ClientSampleId :

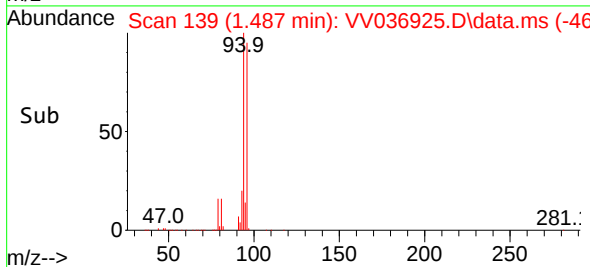
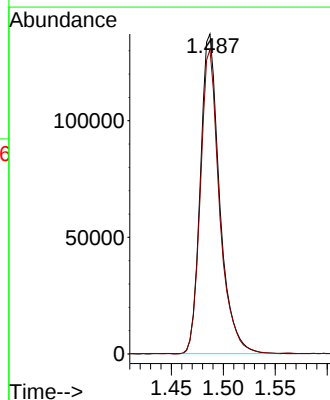
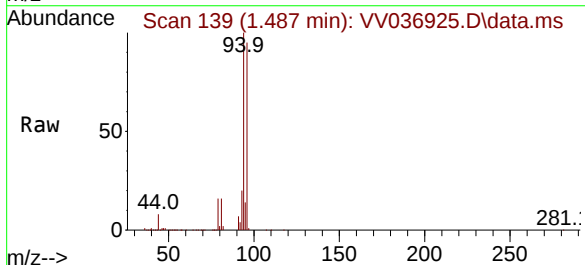
E0CK5MSD

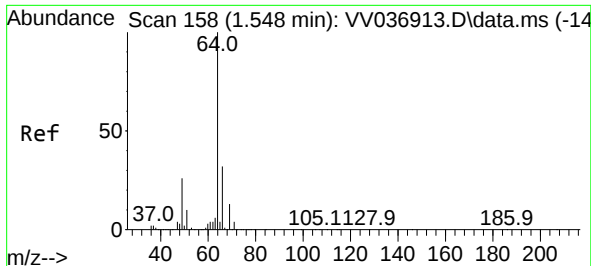
Tgt Ion: 62 Resp: 292489
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.6 43.8



#6
 Bromomethane
 Concen: 49.421 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV036925.D
 Acq: 13 Aug 2024 17:12

Tgt Ion: 94 Resp: 176990
 Ion Ratio Lower Upper
 94 100
 96 95.2 65.5 121.7

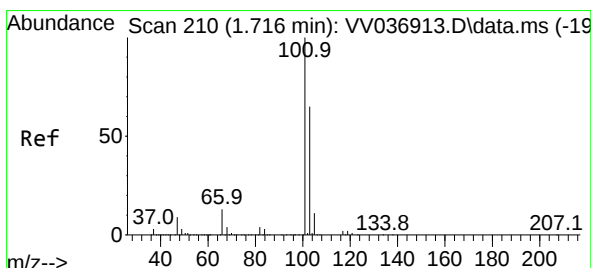
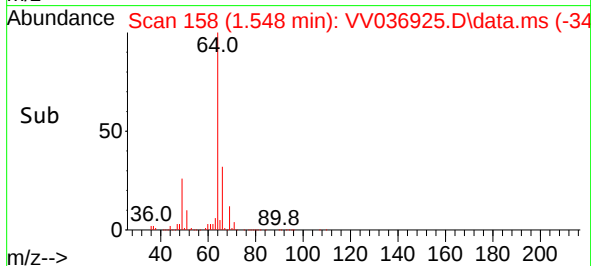
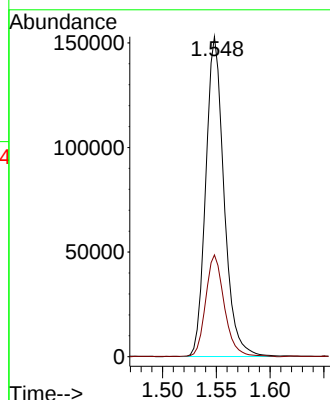
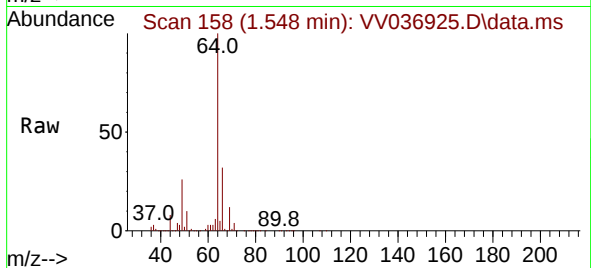




#8
Chloroethane
Concen: 51.160 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

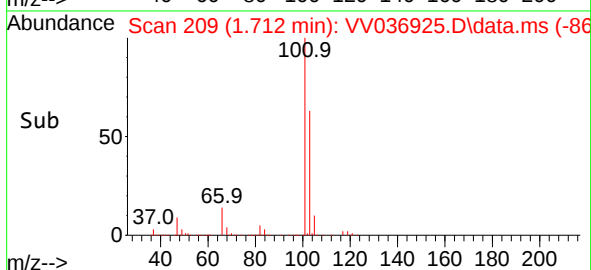
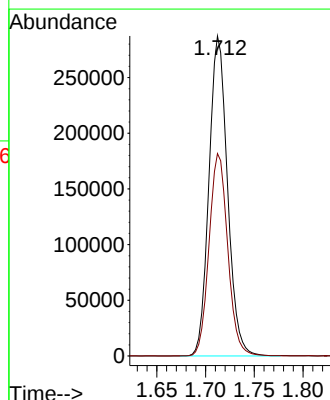
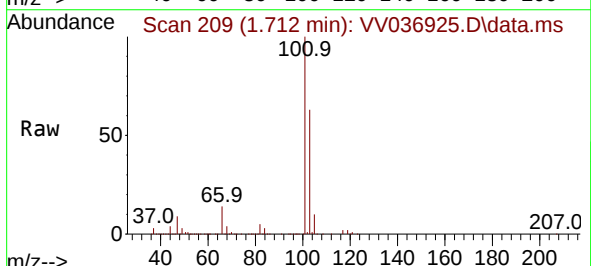
Instrument :
MSVOA_V
ClientSampleId :
E0CK5MSD

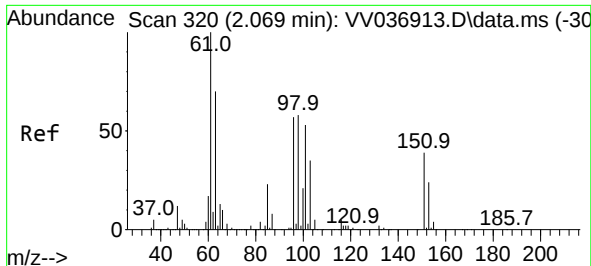
Tgt Ion: 64 Resp: 180258
Ion Ratio Lower Upper
64 100
66 31.8 23.2 43.0



#9
Trichlorofluoromethane
Concen: 51.024 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

Tgt Ion:101 Resp: 380164
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0

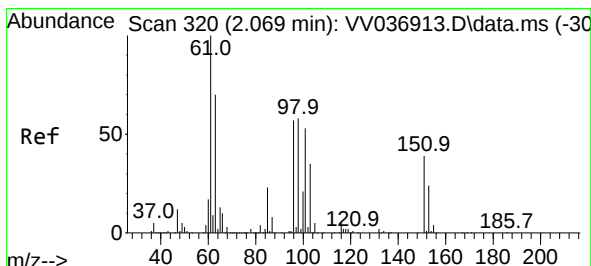
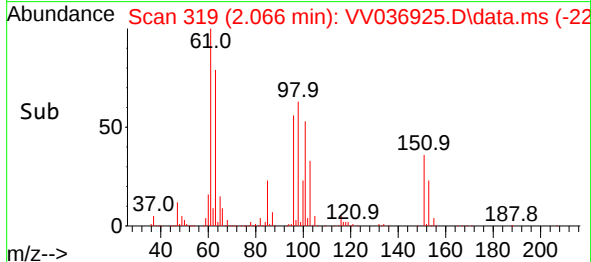
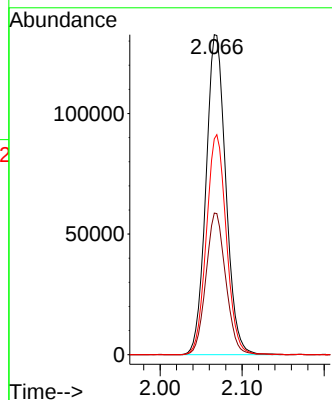
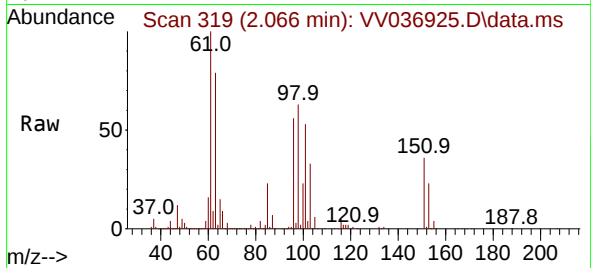




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.817 ug/L
 RT: 2.066 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV036925.D
 Acq: 13 Aug 2024 17:12

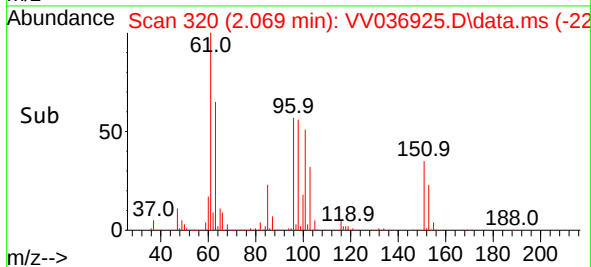
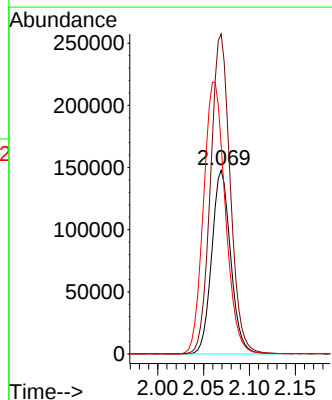
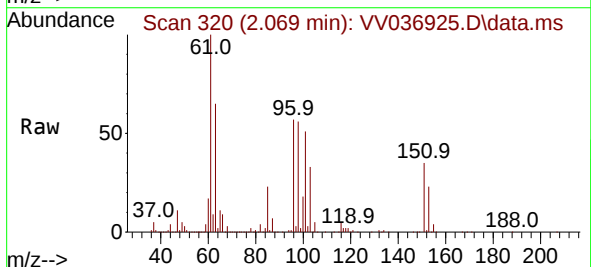
Instrument :
 MSVOA_V
 ClientSampleId :
 E0CK5MSD

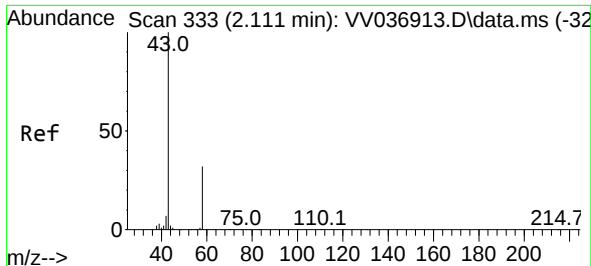
Tgt Ion:101 Resp: 223100
 Ion Ratio Lower Upper
 101 100
 85 44.2 34.6 51.8
 151 69.0 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 50.499 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV036925.D
 Acq: 13 Aug 2024 17:12

Tgt Ion: 96 Resp: 211743
 Ion Ratio Lower Upper
 96 100
 61 174.3 125.6 233.2
 63 113.9 95.1 176.7





#13

Acetone

Concen: 81.004 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :

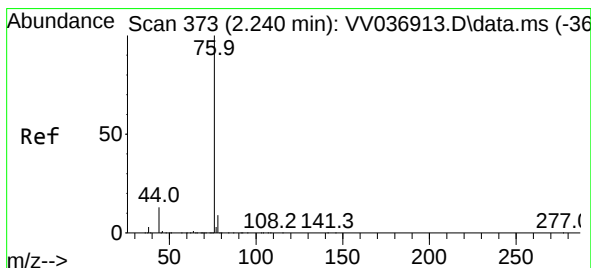
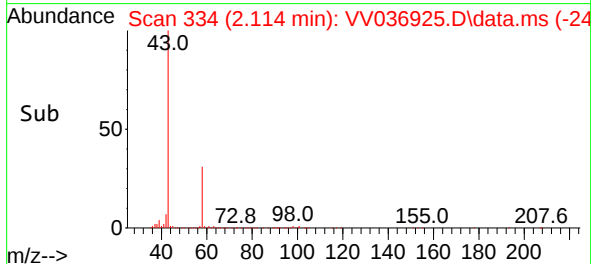
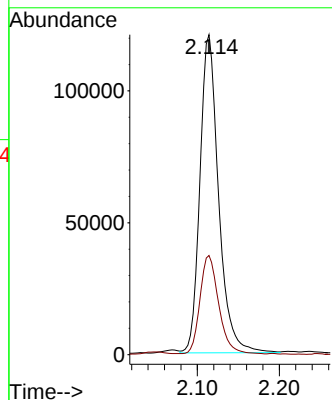
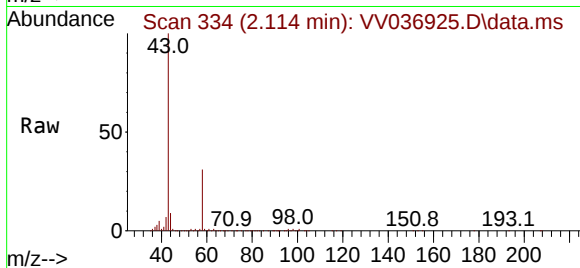
E0CK5MSD

Tgt Ion: 43 Resp: 190378

Ion Ratio Lower Upper

43 100

58 31.4 0.0 63.4



#14

Carbon disulfide

Concen: 44.984 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV036925.D

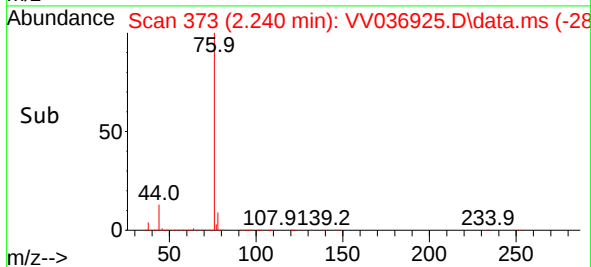
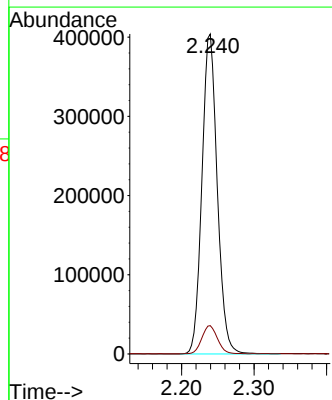
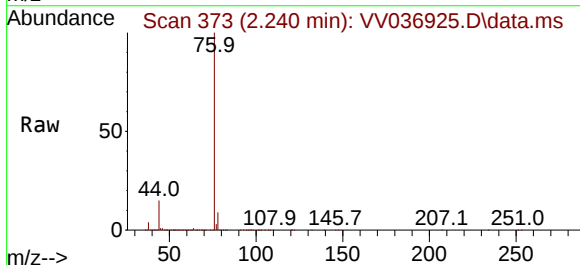
Acq: 13 Aug 2024 17:12

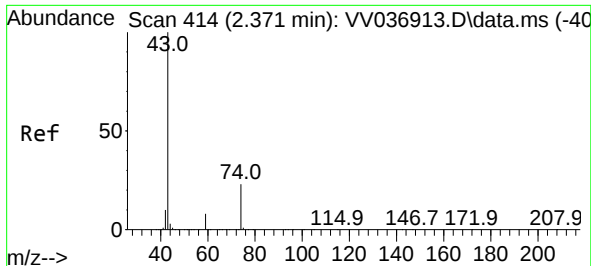
Tgt Ion: 76 Resp: 592500

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

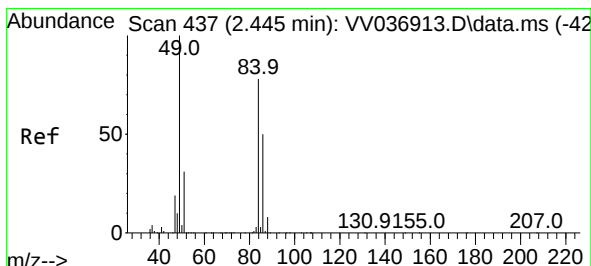
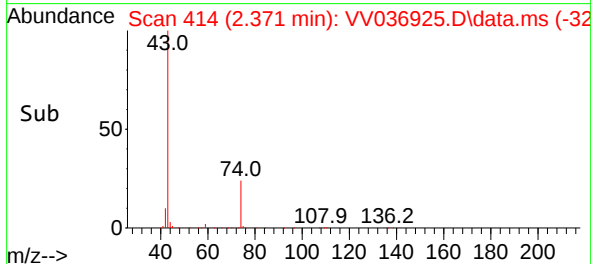
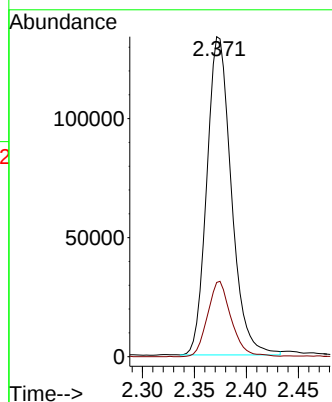
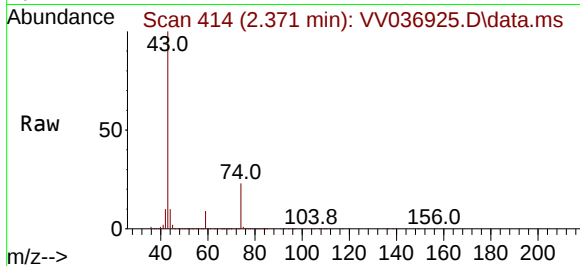




#15
Methyl Acetate
Concen: 45.273 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

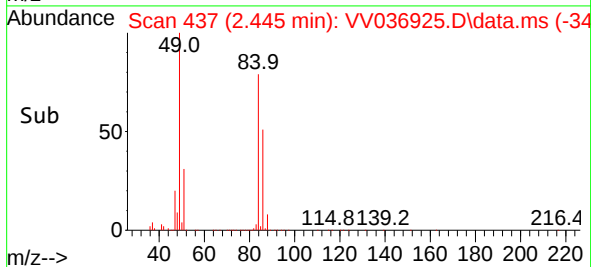
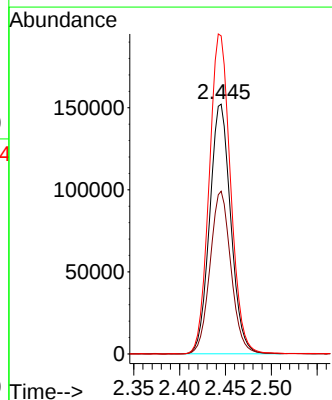
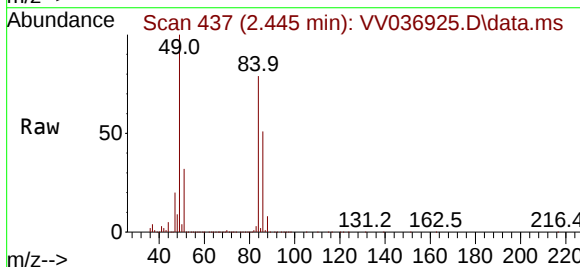
Instrument :
MSVOA_V
ClientSampleId :
E0CK5MSD

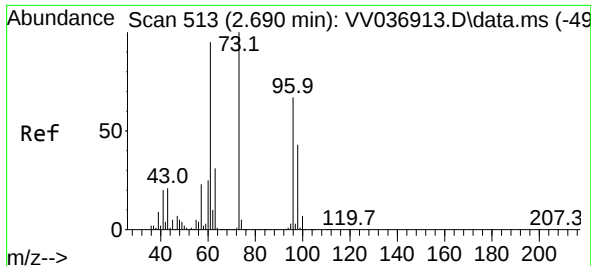
Tgt Ion: 43 Resp: 219194
Ion Ratio Lower Upper
43 100
74 22.9 19.0 28.4



#16
Methylene chloride
Concen: 51.623 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

Tgt Ion: 84 Resp: 243344
Ion Ratio Lower Upper
84 100
86 65.1 44.3 82.3
49 127.3 91.1 169.1

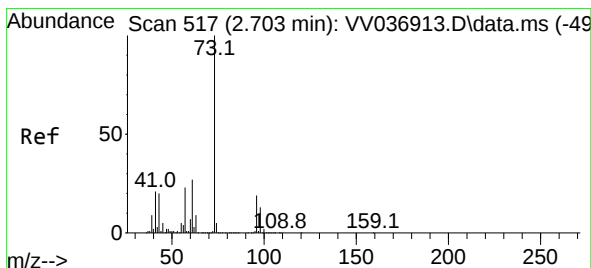
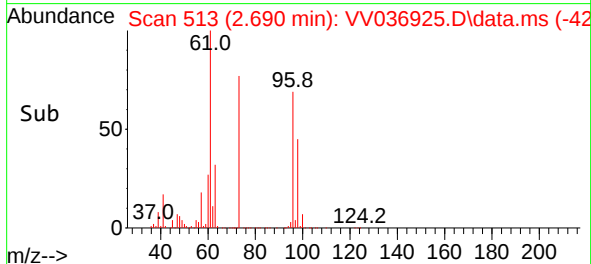
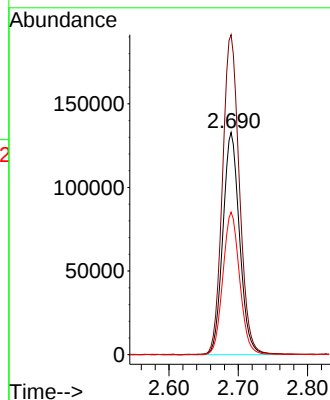
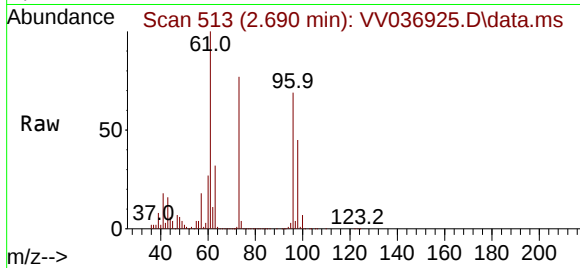




#17
trans-1,2-Dichloroethene
Concen: 51.430 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

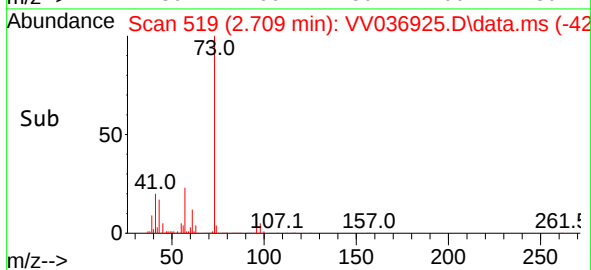
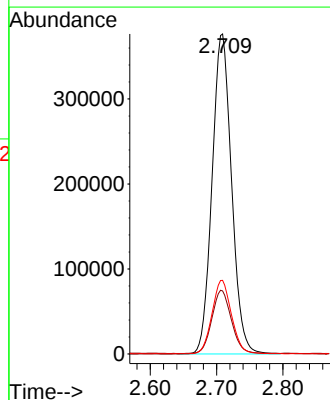
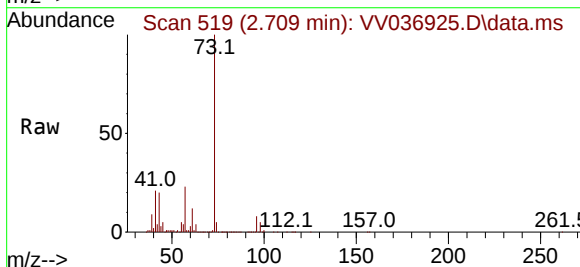
Instrument :
MSVOA_V
ClientSampleId :
E0CK5MSD

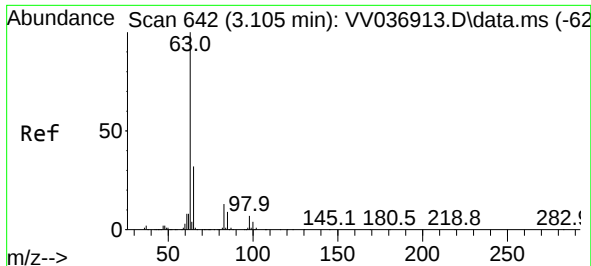
Tgt Ion: 96 Resp: 223376
Ion Ratio Lower Upper
96 100
61 144.0 100.0 185.8
98 64.2 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 50.225 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

Tgt Ion: 73 Resp: 768287
Ion Ratio Lower Upper
73 100
43 19.7 16.1 24.1
57 22.9 17.9 26.9





#19

1,1-Dichloroethane

Concen: 52.466 ug/L

RT: 3.104 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :

E0CK5MSD

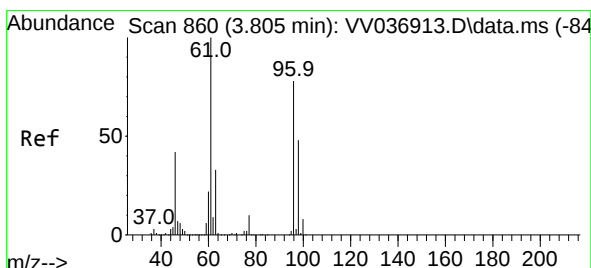
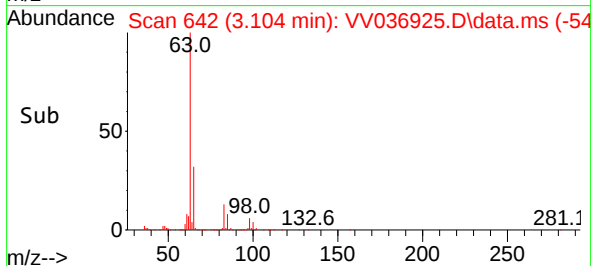
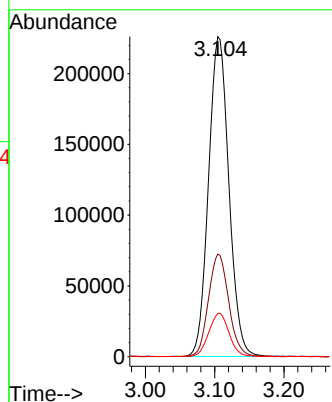
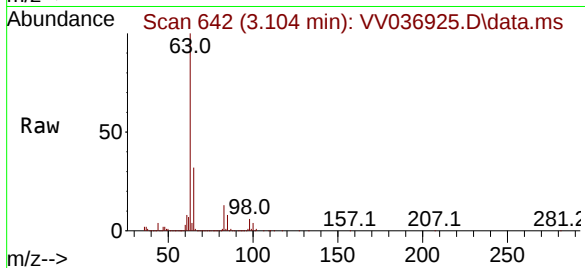
Tgt Ion: 63 Resp: 460390

Ion Ratio Lower Upper

63 100

65 32.0 23.2 43.0

83 13.4 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 52.303 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

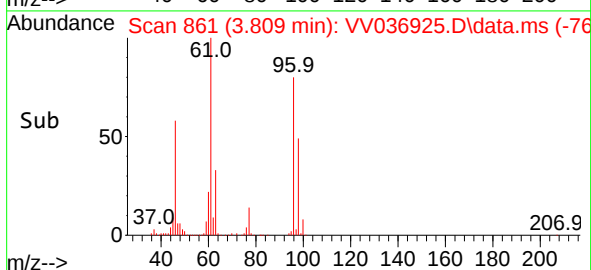
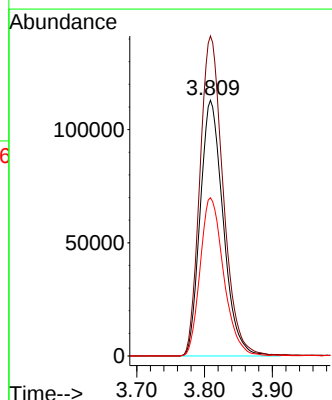
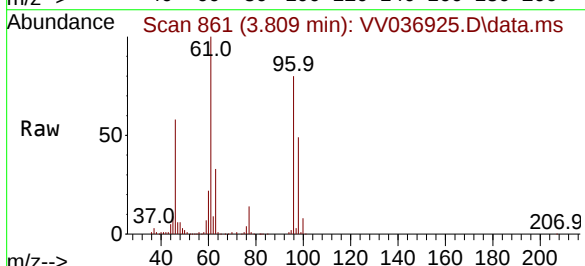
Tgt Ion: 96 Resp: 266629

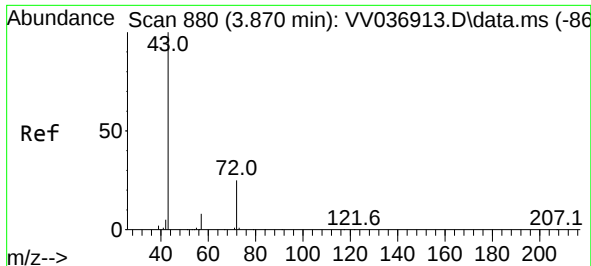
Ion Ratio Lower Upper

96 100

61 125.1 93.9 174.5

98 61.9 46.0 85.4

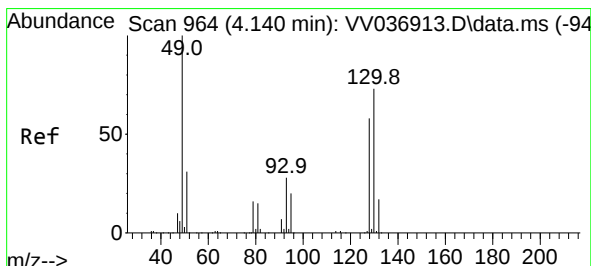
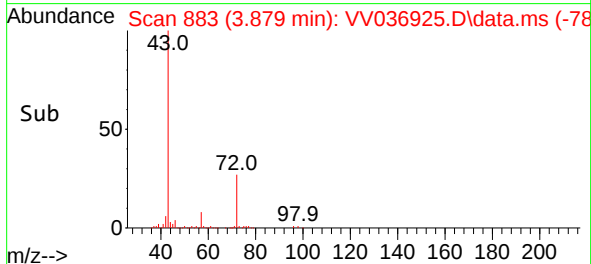
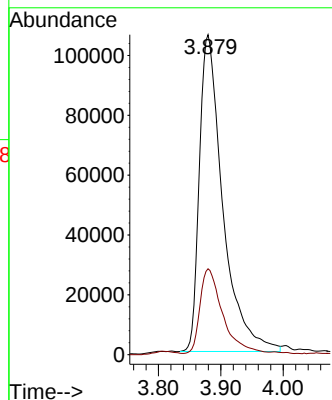
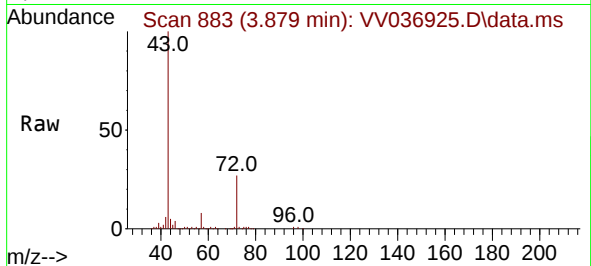




#22
2-Butanone
Concen: 87.710 ug/L
RT: 3.879 min Scan# 880
Delta R.T. 0.010 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

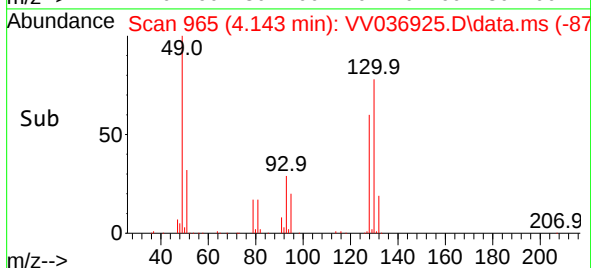
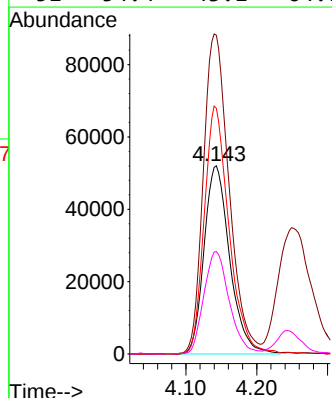
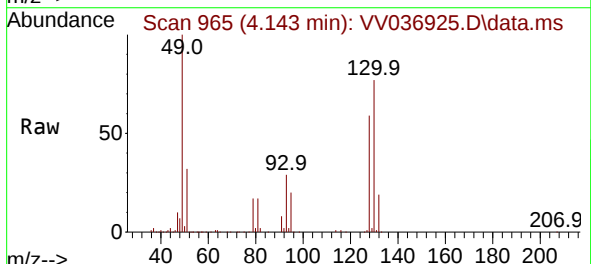
Instrument :
MSVOA_V
ClientSampleId :
E0CK5MSD

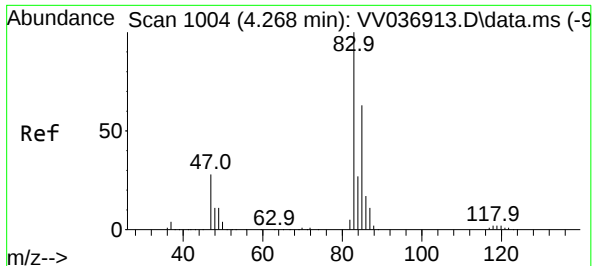
Tgt Ion: 43 Resp: 276153
Ion Ratio Lower Upper
43 100
72 26.0 12.5 37.5



#23
Bromochloromethane
Concen: 52.799 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.003 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

Tgt Ion:128 Resp: 130746
Ion Ratio Lower Upper
128 100
49 169.4 120.0 223.0
130 130.6 87.0 161.6
51 54.4 43.1 64.7





#25

Chloroform

Concen: 51.602 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :

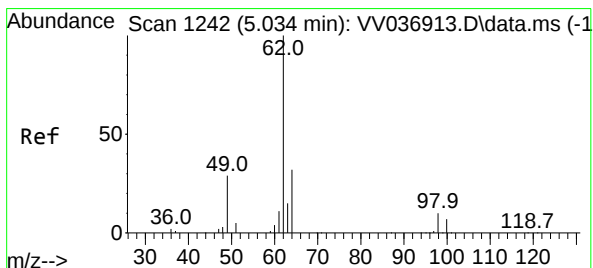
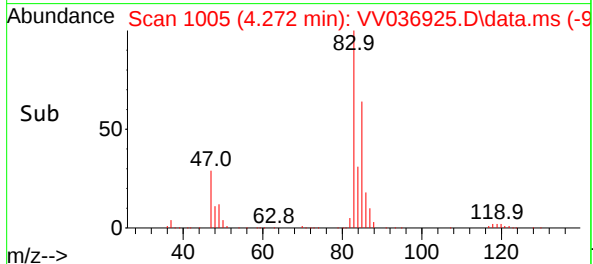
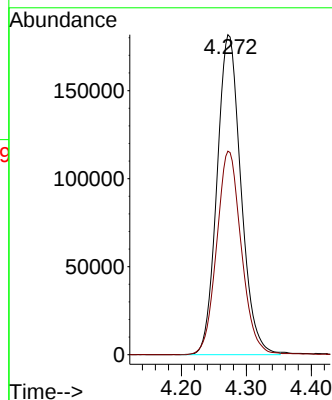
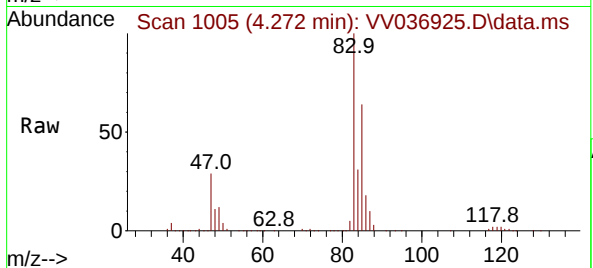
E0CK5MSD

Tgt Ion: 83 Resp: 465071

Ion Ratio Lower Upper

83 100

85 63.6 46.0 85.4



#27

1,2-Dichloroethane

Concen: 51.025 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV036925.D

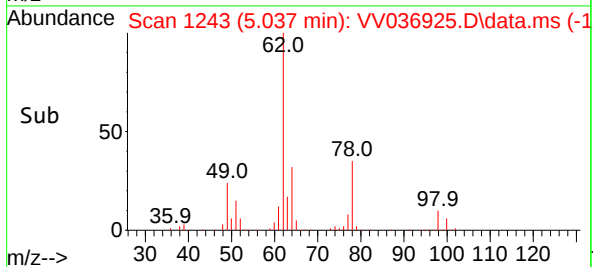
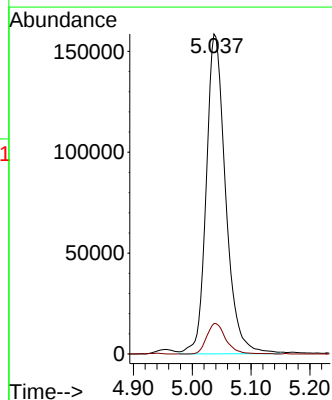
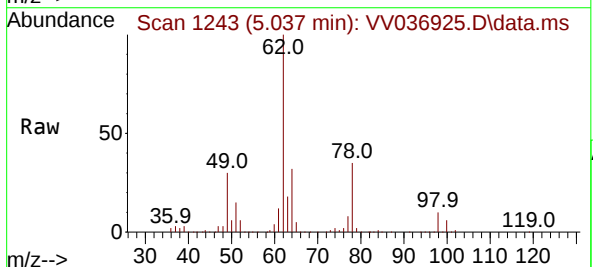
Acq: 13 Aug 2024 17:12

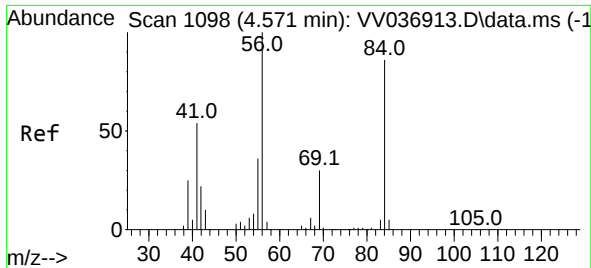
Tgt Ion: 62 Resp: 362749

Ion Ratio Lower Upper

62 100

98 9.5 7.5 11.3

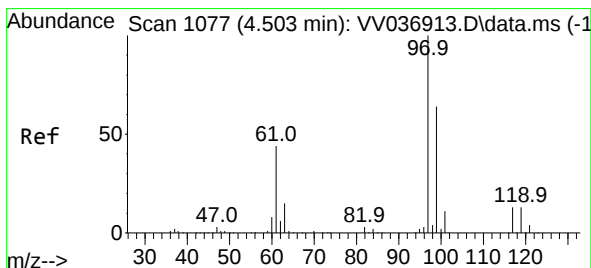
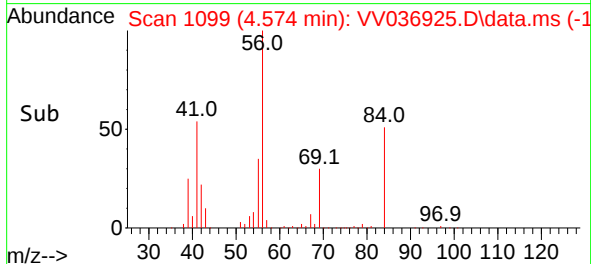
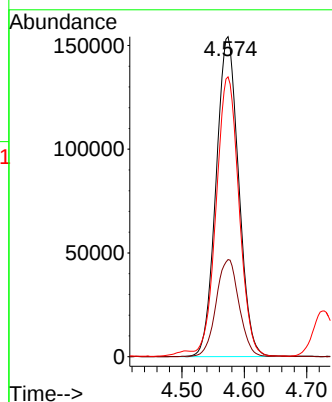
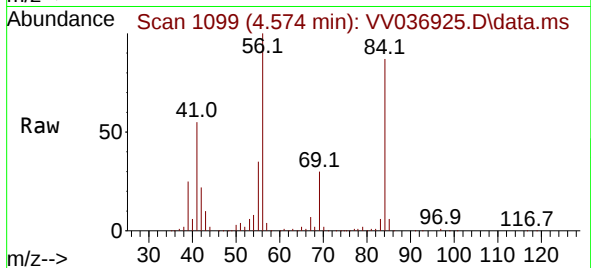




#29
Cyclohexane
Concen: 47.543 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.003 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

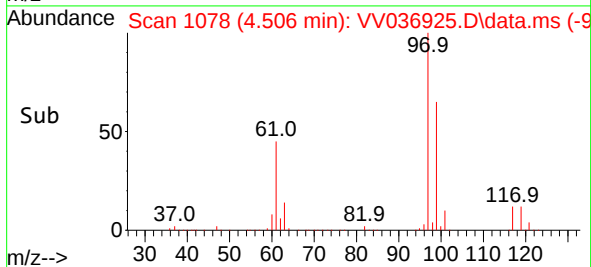
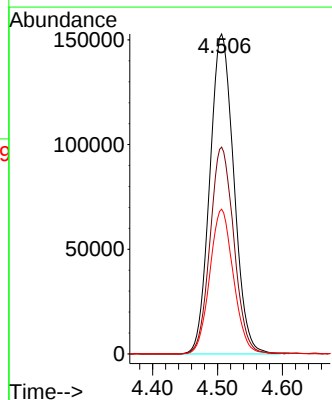
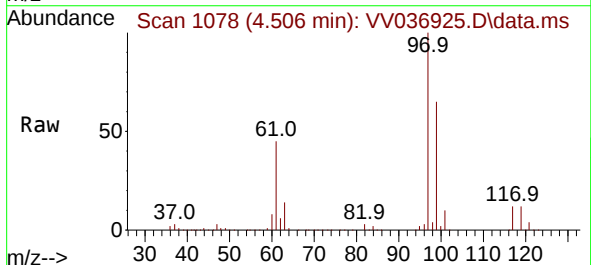
Instrument :
MSVOA_V
ClientSampleId :
E0CK5MSD

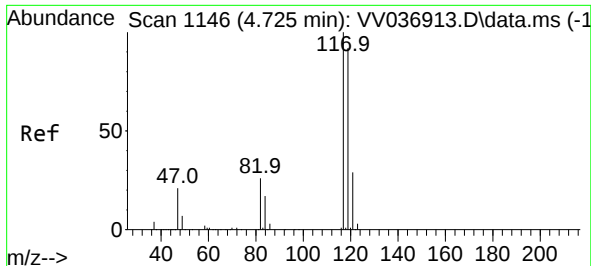
Tgt Ion: 56 Resp: 388054
Ion Ratio Lower Upper
56 100
69 30.8 24.7 37.1
84 87.7 68.5 102.7



#30
1,1,1-Trichloroethane
Concen: 48.663 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

Tgt Ion: 97 Resp: 392754
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 44.7 36.0 54.0

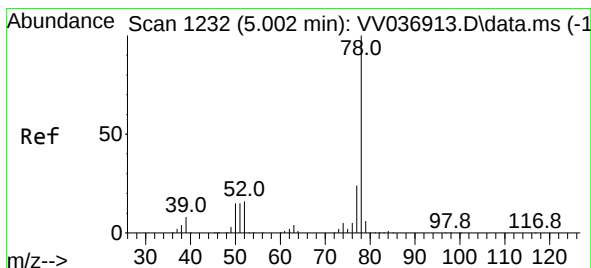
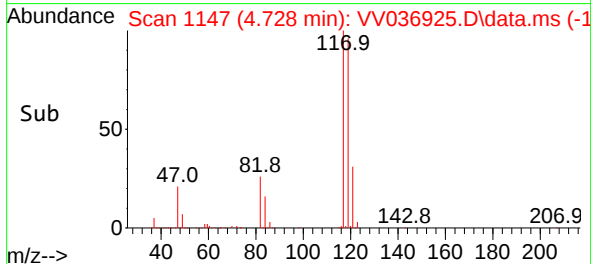
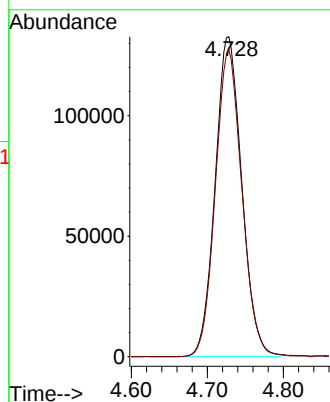
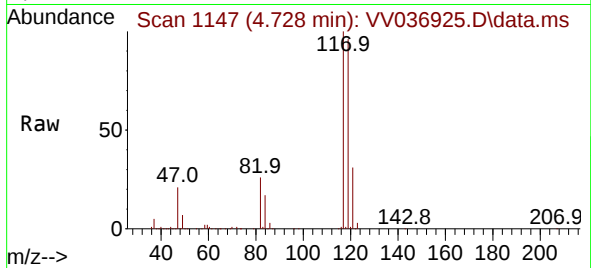




#31
Carbon tetrachloride
Concen: 47.499 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

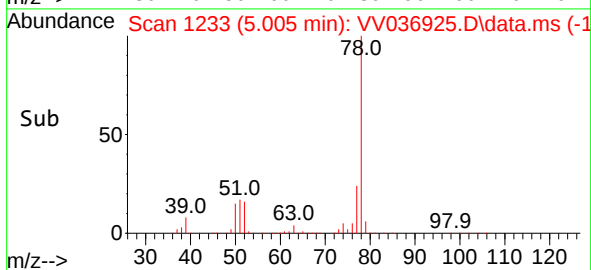
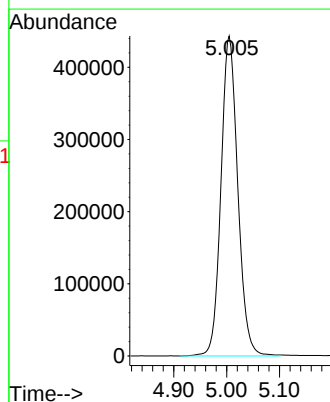
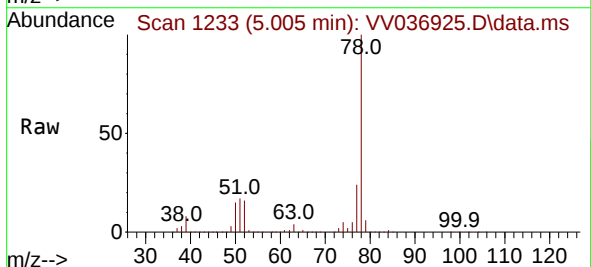
Instrument :
MSVOA_V
ClientSampleId :
E0CK5MSD

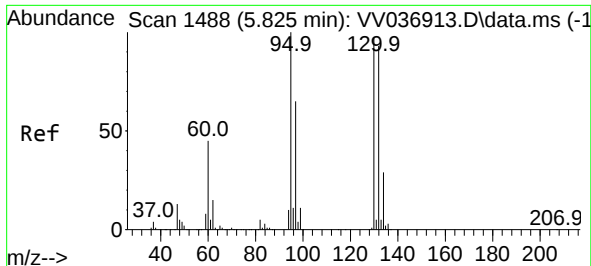
Tgt Ion:117 Resp: 321954
Ion Ratio Lower Upper
117 100
119 96.0 76.1 114.1



#33
Benzene
Concen: 51.209 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

Tgt Ion: 78 Resp: 981214



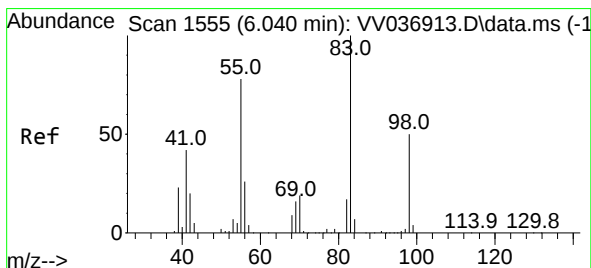
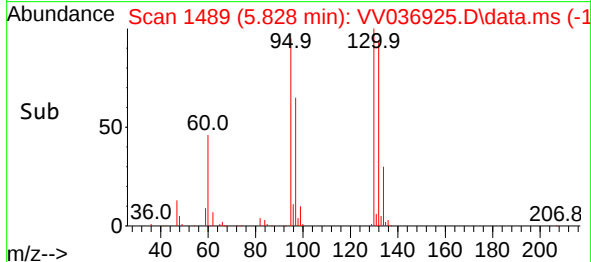
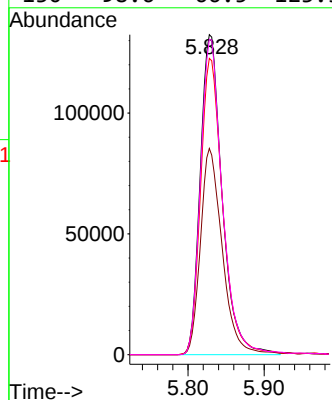
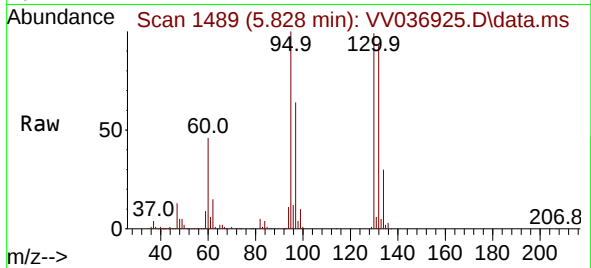


#34
Trichloroethene
Concen: 47.867 ug/L
RT: 5.828 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

Instrument :
MSVOA_V
ClientSampleId :
E0CK5MSD

Tgt Ion: 95 Resp: 265812

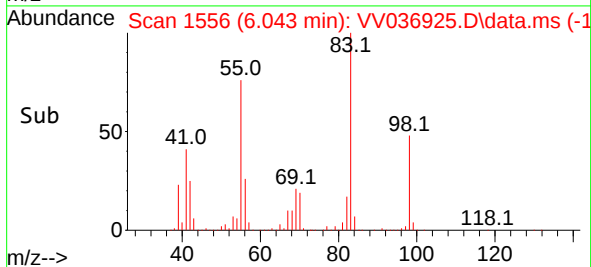
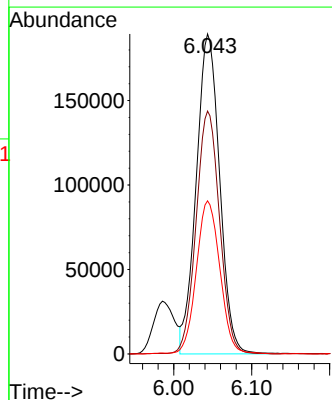
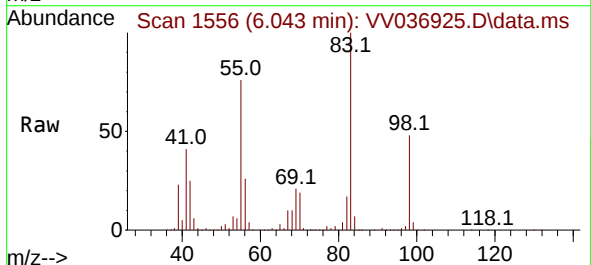
Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.7	82.9
132	92.6	62.9	116.9
130	98.6	66.5	123.5

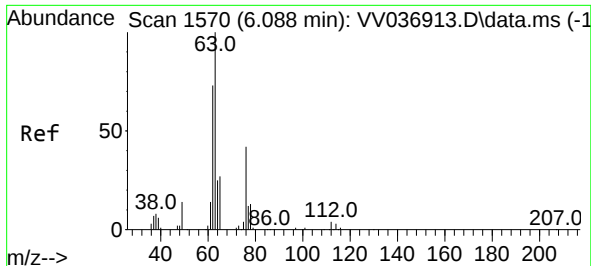


#35
Methylcyclohexane
Concen: 46.358 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.003 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

Tgt Ion: 83 Resp: 395024

Ion	Ratio	Lower	Upper
83	100		
55	75.8	62.3	93.5
98	48.3	38.7	58.1





#37

1,2-Dichloropropane

Concen: 51.718 ug/L

RT: 6.091 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :

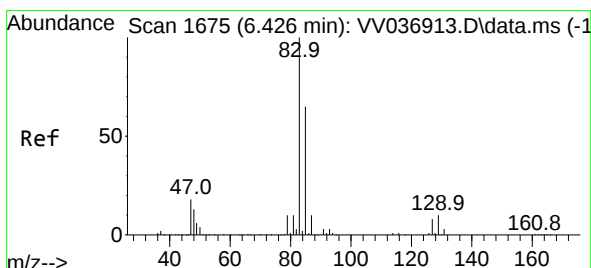
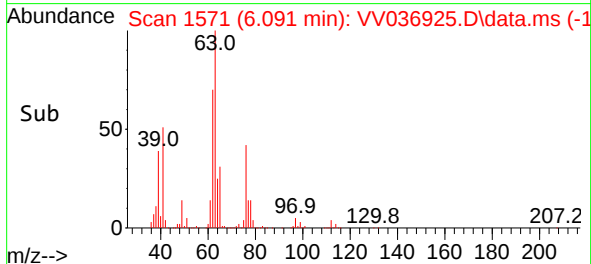
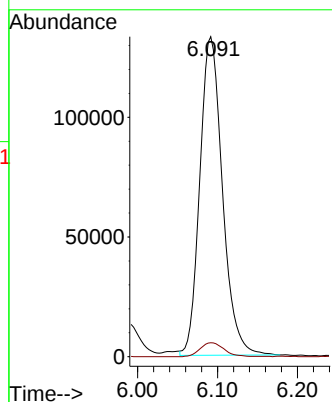
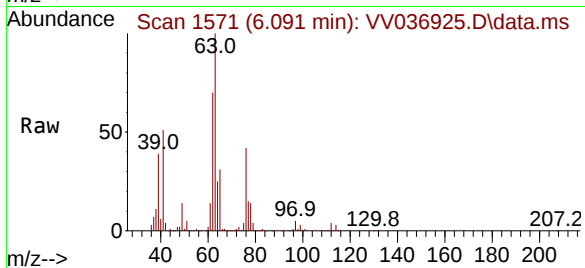
E0CK5MSD

Tgt Ion: 63 Resp: 262515

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 49.615 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

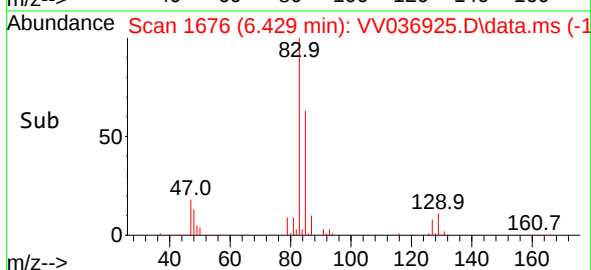
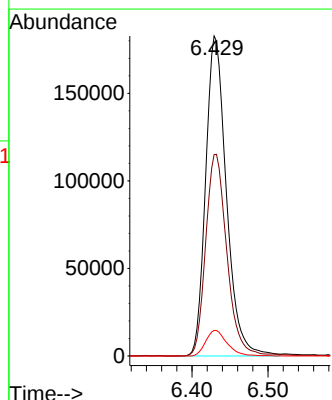
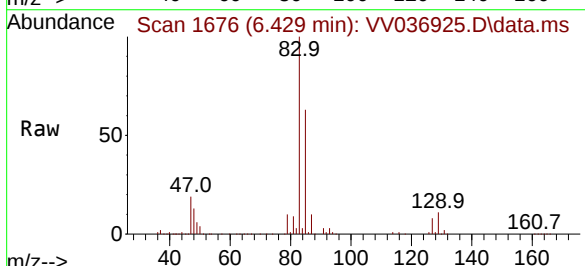
Tgt Ion: 83 Resp: 346801

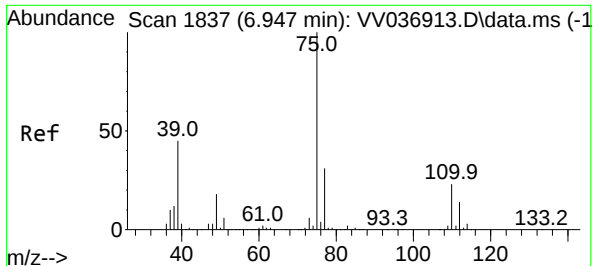
Ion Ratio Lower Upper

83 100

85 63.0 44.7 83.1

127 8.0 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 48.348 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :

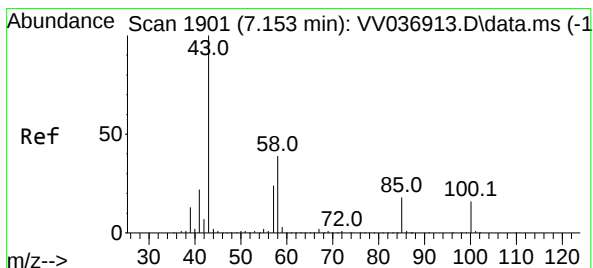
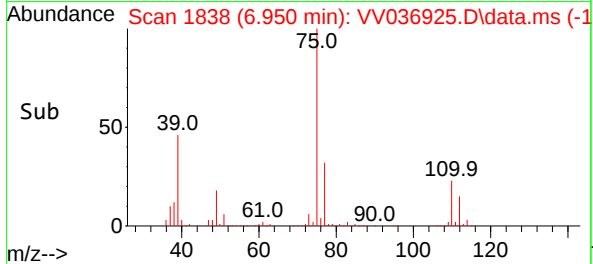
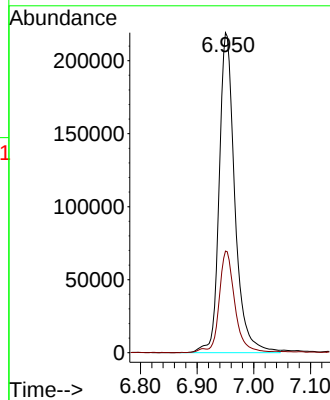
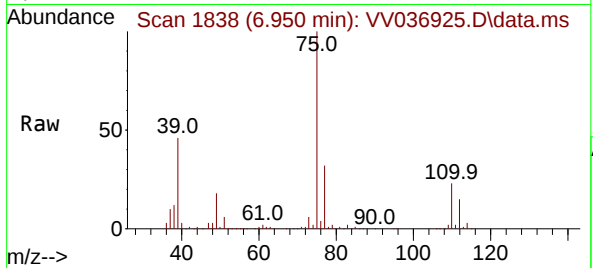
E0CK5MSD

Tgt Ion: 75 Resp: 420294

Ion Ratio Lower Upper

75 100

77 31.8 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 94.447 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

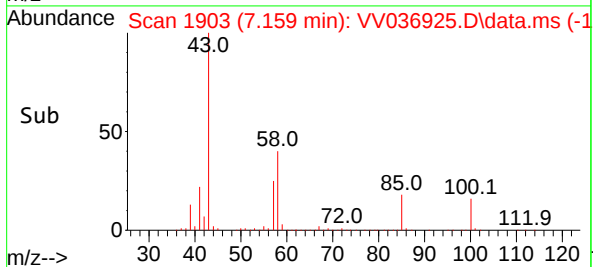
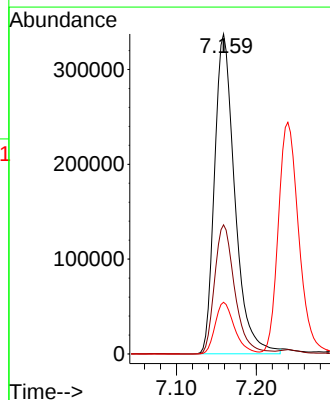
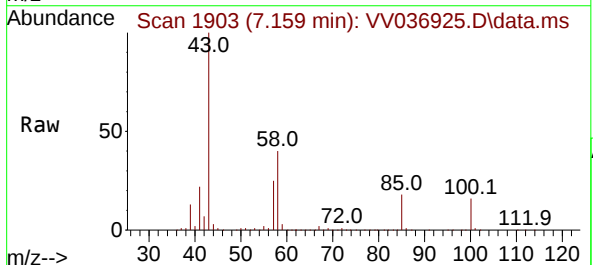
Tgt Ion: 43 Resp: 593861

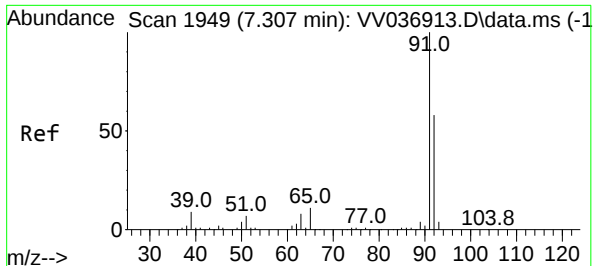
Ion Ratio Lower Upper

43 100

58 40.5 31.3 46.9

100 15.5 12.6 18.8





#42

Toluene

Concen: 50.585 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :

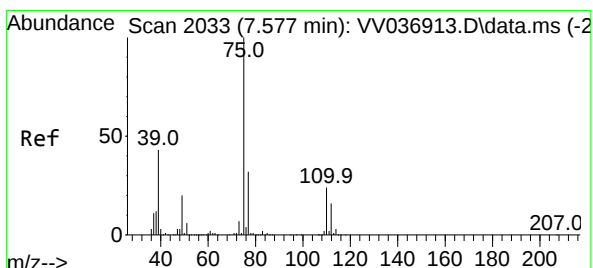
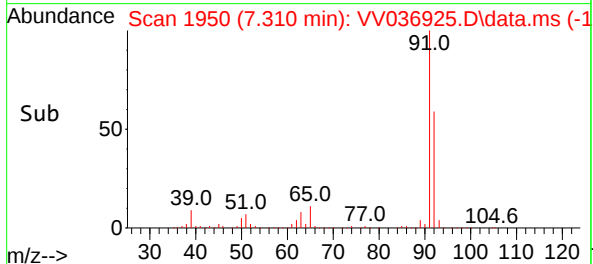
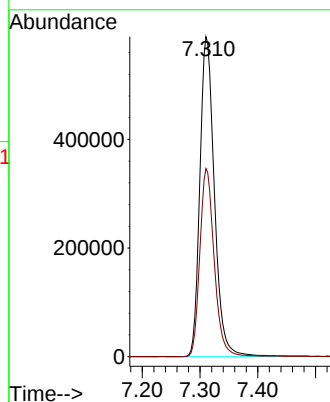
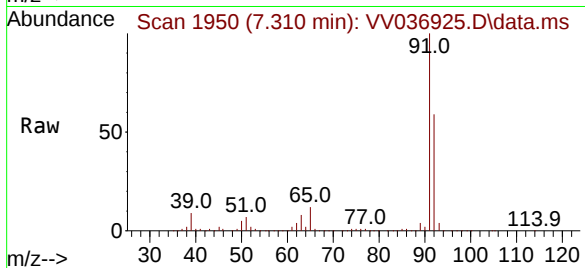
E0CK5MSD

Tgt Ion: 91 Resp: 1032373

Ion Ratio Lower Upper

91 100

92 58.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 46.554 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV036925.D

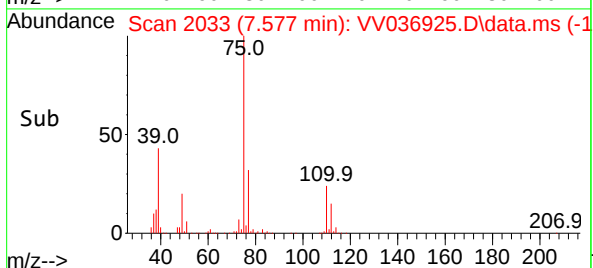
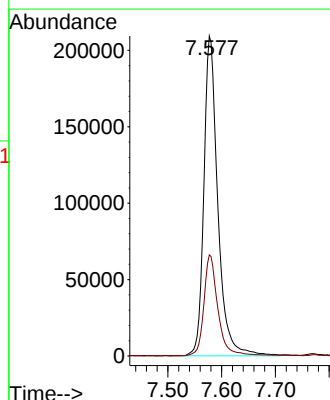
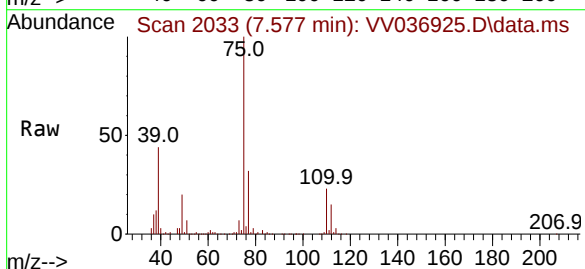
Acq: 13 Aug 2024 17:12

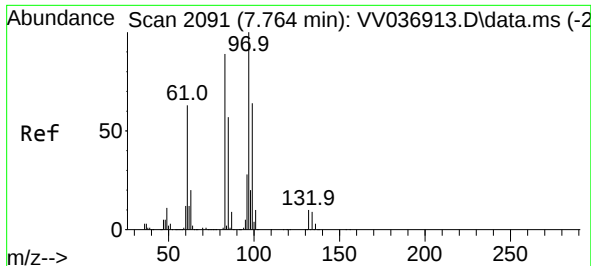
Tgt Ion: 75 Resp: 377111

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6



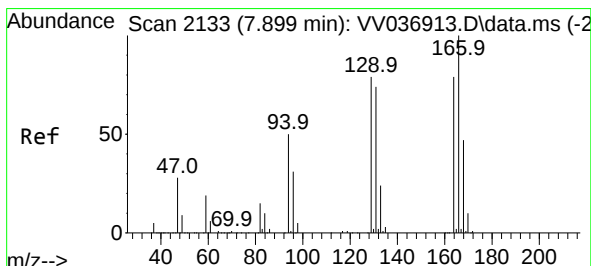
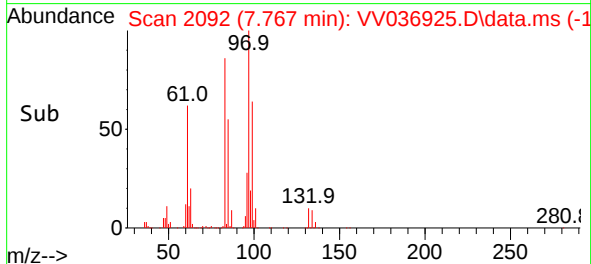
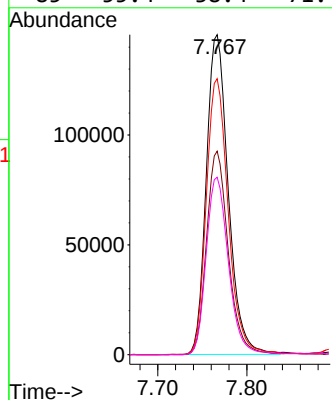
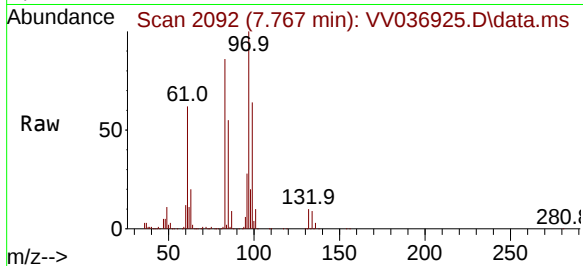


#45
1,1,2-Trichloroethane
Concen: 50.685 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

Instrument :
MSVOA_V
ClientSampleId :
E0CK5MSD

Tgt Ion: 97 Resp: 249147

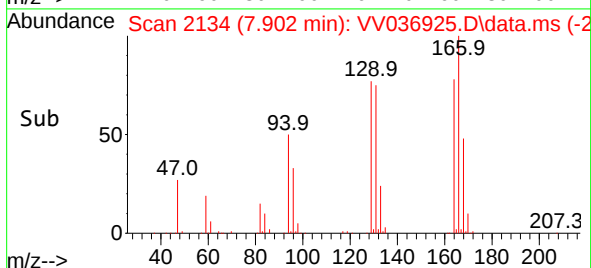
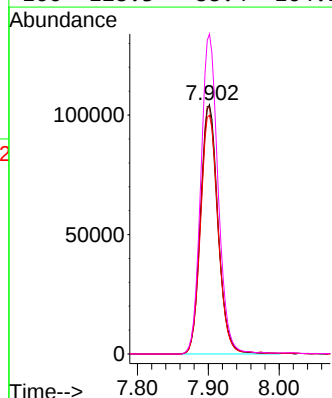
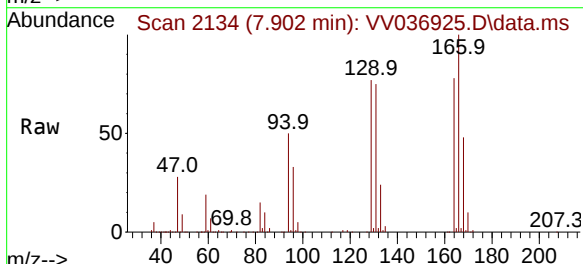
Ion	Ratio	Lower	Upper
97	100		
99	63.6	44.0	81.6
83	86.3	60.1	111.5
85	55.4	38.4	71.4

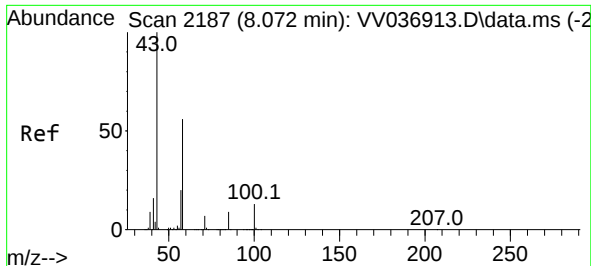


#46
Tetrachloroethene
Concen: 49.048 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

Tgt Ion: 164 Resp: 178654

Ion	Ratio	Lower	Upper
164	100		
129	98.9	70.4	130.8
131	95.7	67.7	125.7
166	128.3	88.4	164.2

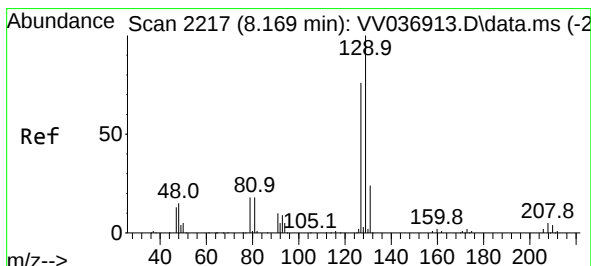
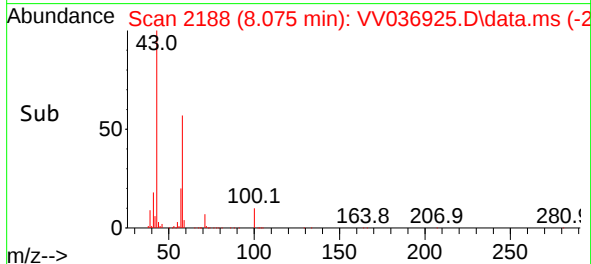
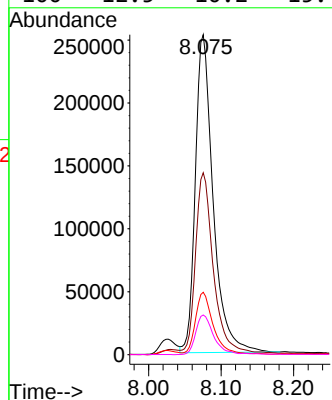
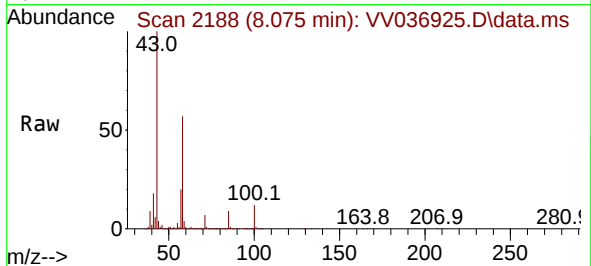




#48
2-Hexanone
Concen: 93.222 ug/L
RT: 8.075 min Scan# 2187
Delta R.T. 0.003 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

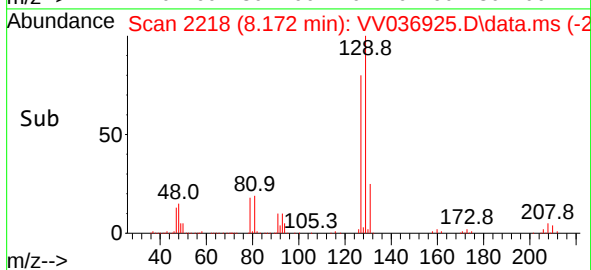
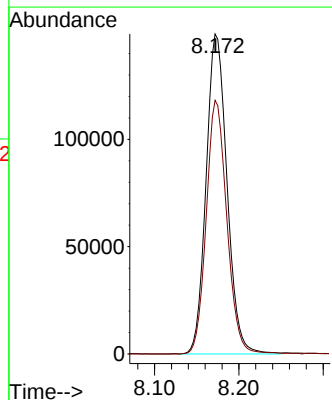
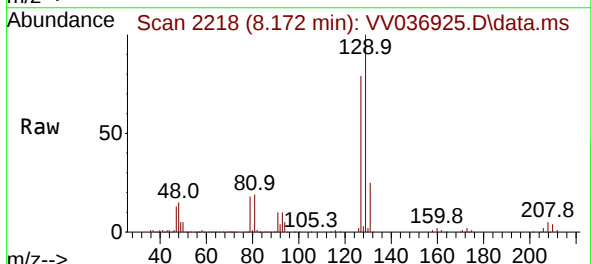
Instrument :
MSVOA_V
ClientSampleId :
E0CK5MSD

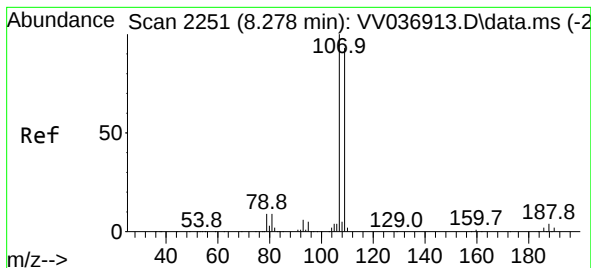
Tgt Ion: 43 Resp: 431222
Ion Ratio Lower Upper
43 100
58 55.3 44.7 67.1
57 18.9 15.0 22.4
100 12.5 10.2 15.4



#49
Dibromochloromethane
Concen: 51.036 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

Tgt Ion: 129 Resp: 257803
Ion Ratio Lower Upper
129 100
127 79.2 55.4 102.8





#50

1,2-Dibromoethane

Concen: 50.597 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :

E0CK5MSD

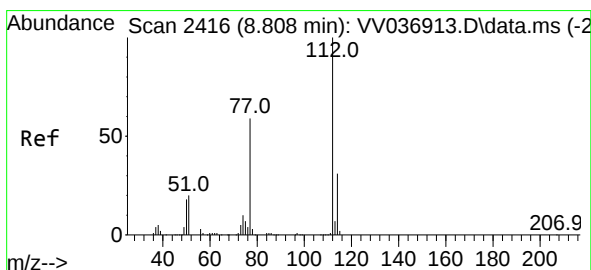
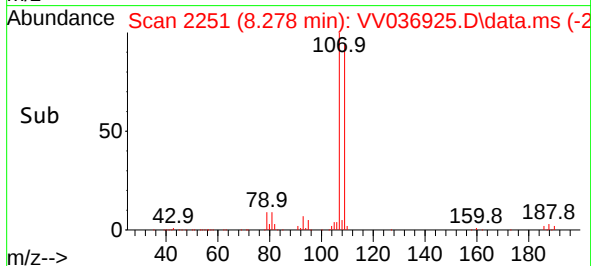
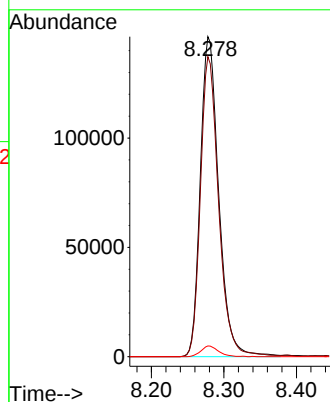
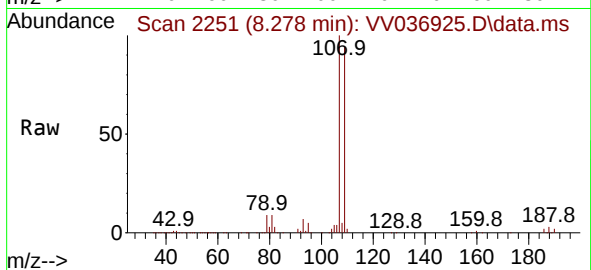
Tgt Ion:107 Resp: 258050

Ion Ratio Lower Upper

107 100

109 93.7 64.7 120.1

188 3.5 2.6 3.8



#51

Chlorobenzene

Concen: 50.816 ug/L

RT: 8.808 min Scan# 2416

Delta R.T. -0.000 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

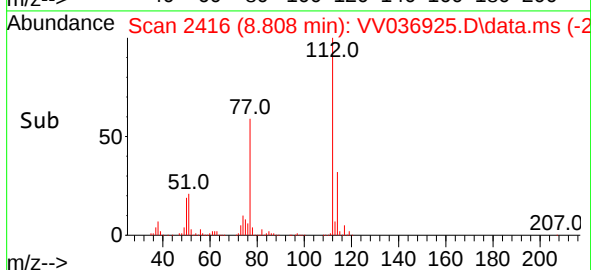
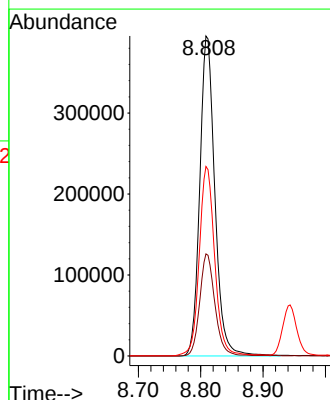
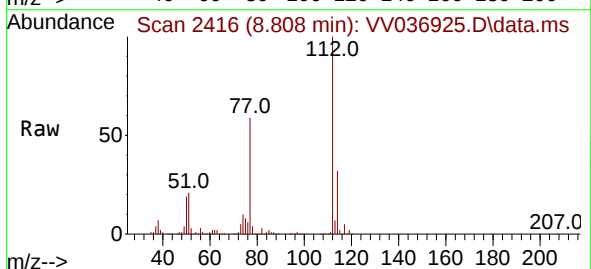
Tgt Ion:112 Resp: 665431

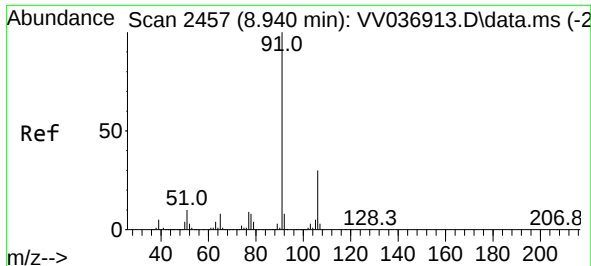
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 59.2 48.9 73.3





#52

Ethylbenzene

Concen: 49.702 ug/L

RT: 8.943 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :

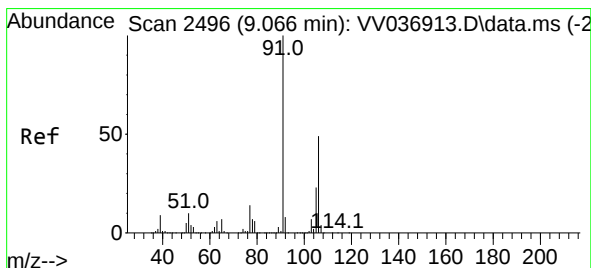
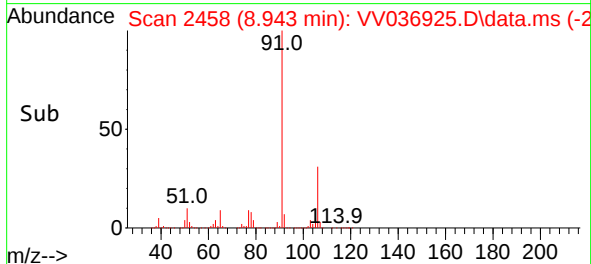
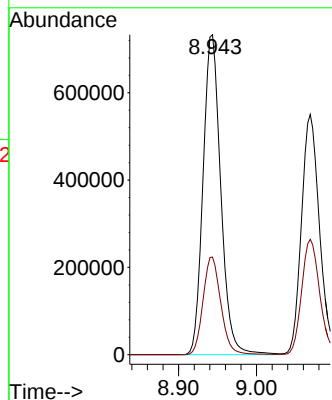
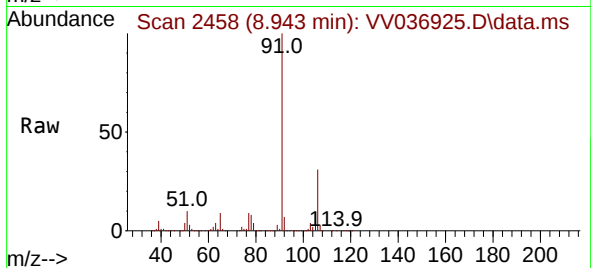
E0CK5MSD

Tgt Ion: 91 Resp: 1158214

Ion Ratio Lower Upper

91 100

106 30.5 21.1 39.1



#53

m,p-Xylene

Concen: 48.971 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV036925.D

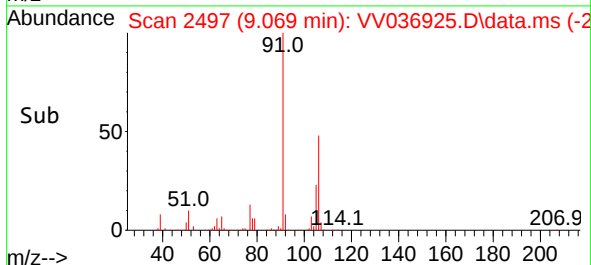
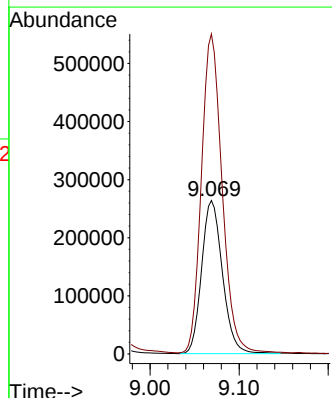
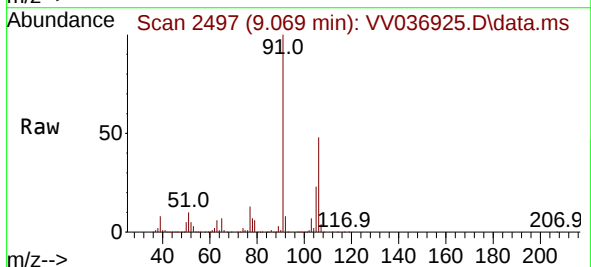
Acq: 13 Aug 2024 17:12

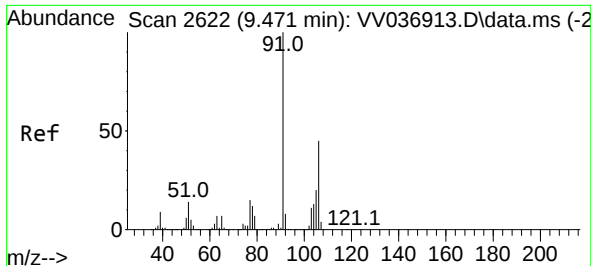
Tgt Ion: 106 Resp: 426565

Ion Ratio Lower Upper

106 100

91 208.5 147.1 273.3

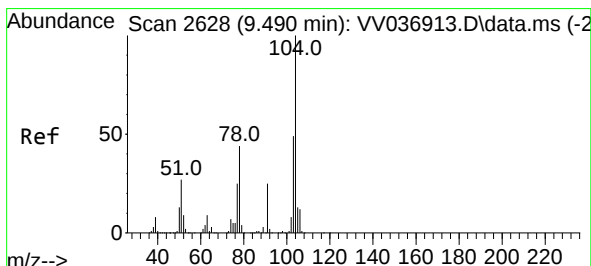
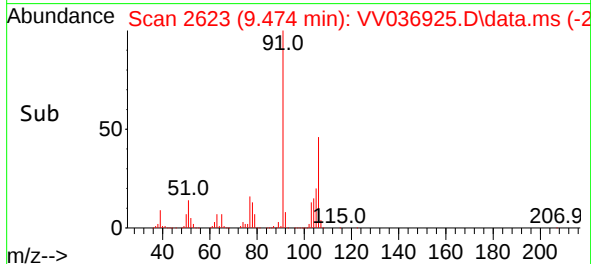
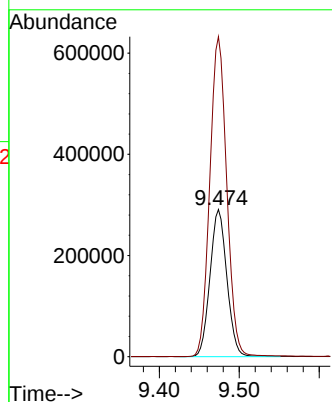
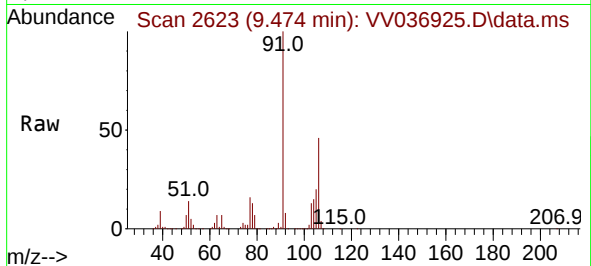




#54
o-Xylene
Concen: 50.085 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

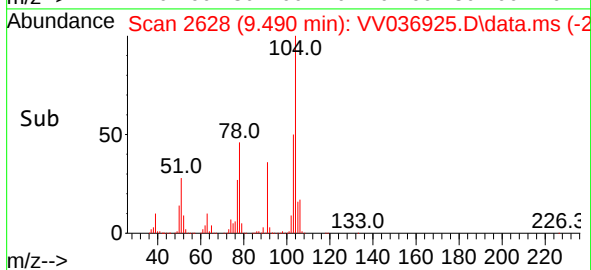
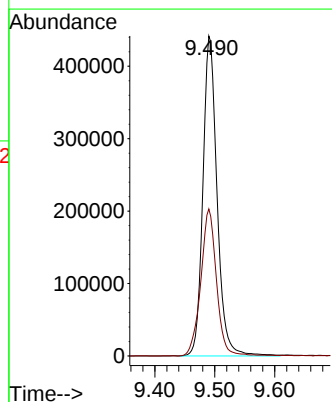
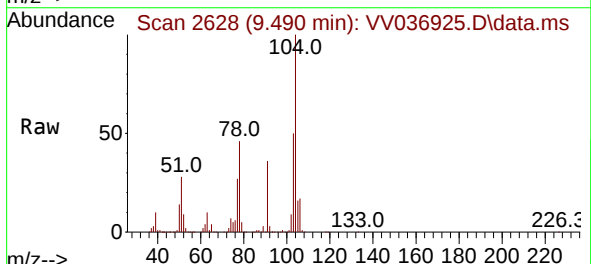
Instrument :
MSVOA_V
ClientSampleId :
E0CK5MSD

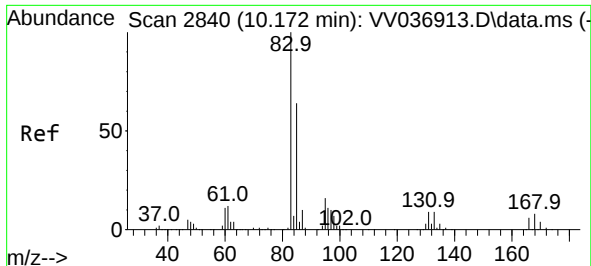
Tgt Ion:106 Resp: 426698
Ion Ratio Lower Upper
106 100
91 217.5 154.5 286.9



#55
Styrene
Concen: 49.937 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

Tgt Ion:104 Resp: 729076
Ion Ratio Lower Upper
104 100
78 45.9 32.1 59.7

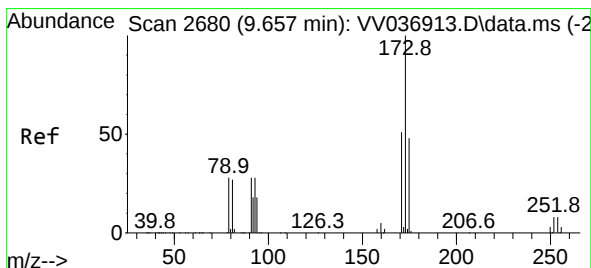
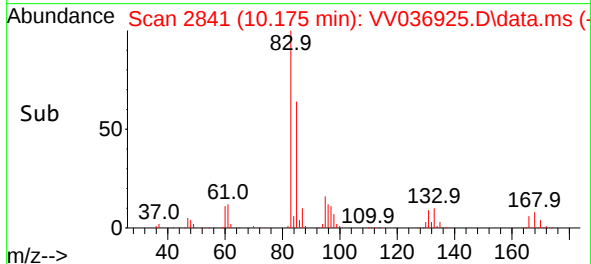
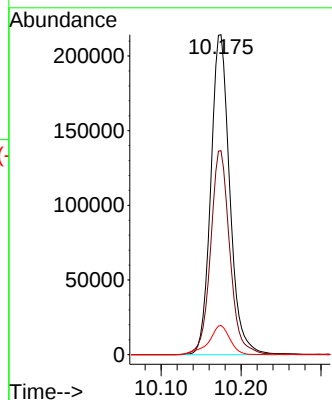
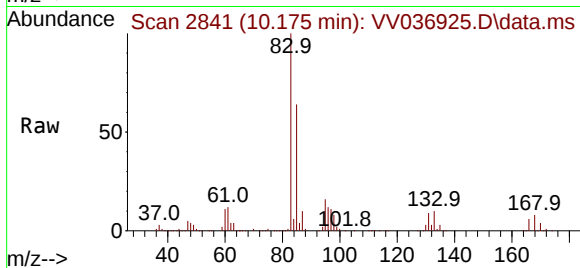




#57
1,1,2,2-Tetrachloroethane
Concen: 53.307 ug/L
RT: 10.175 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

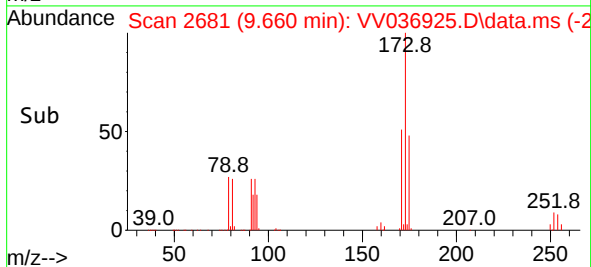
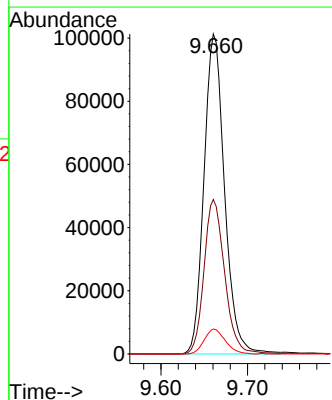
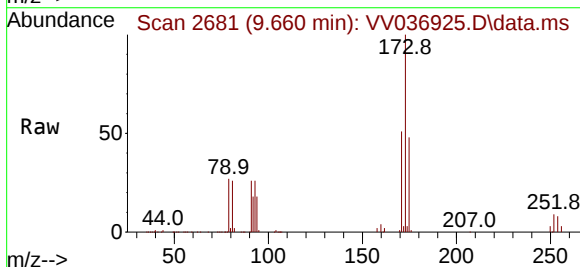
Instrument :
MSVOA_V
ClientSampleId :
E0CK5MSD

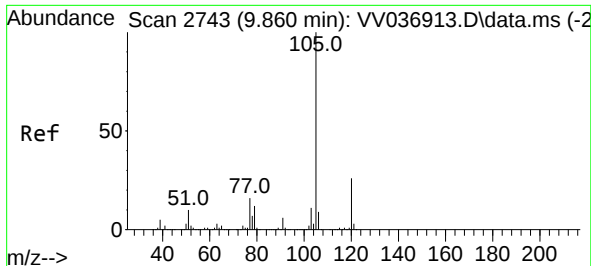
Tgt Ion: 83 Resp: 353571
Ion Ratio Lower Upper
83 100
85 63.7 44.7 83.1
131 9.1 7.2 10.8



#59
Bromoform
Concen: 46.451 ug/L
RT: 9.660 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

Tgt Ion: 173 Resp: 167249
Ion Ratio Lower Upper
173 100
175 48.3 39.8 59.8
254 8.0 6.8 10.2

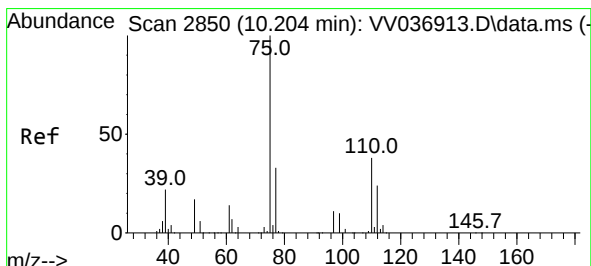
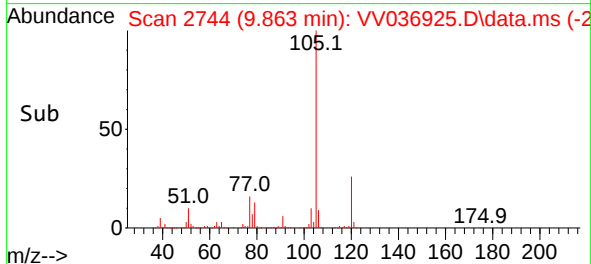
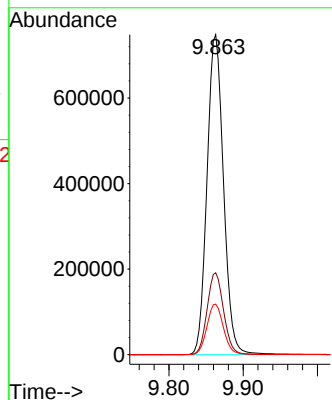
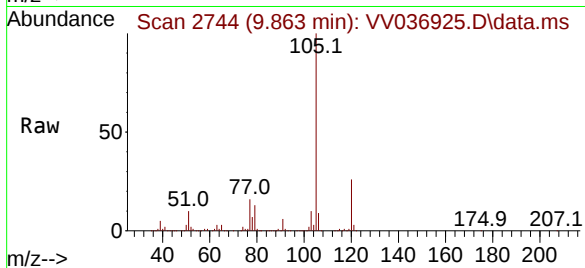




#60
Isopropylbenzene
Concen: 48.579 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

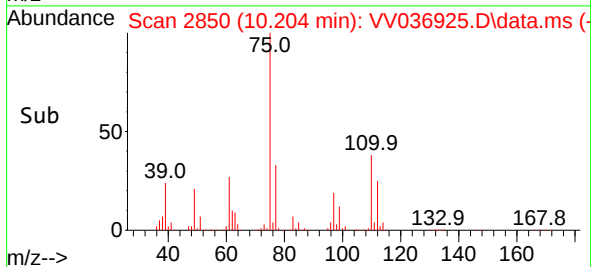
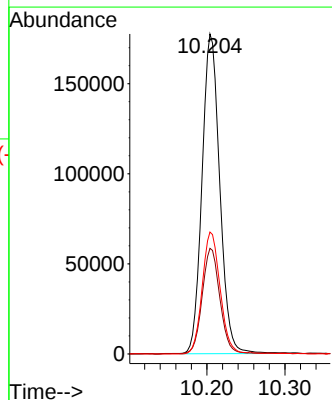
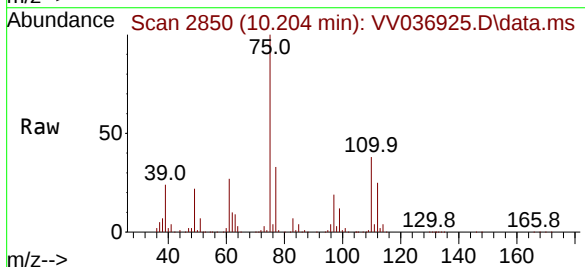
Instrument :
MSVOA_V
ClientSampleId :
E0CK5MSD

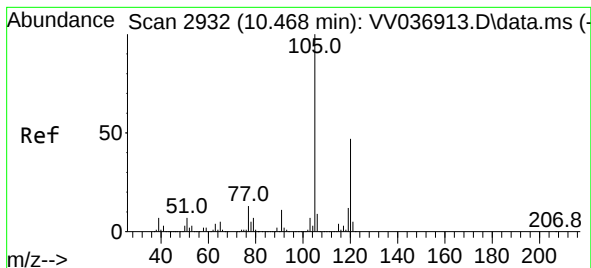
Tgt Ion:105 Resp: 1151031
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5
77 15.8 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 47.882 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

Tgt Ion: 75 Resp: 280531
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2
110 38.6 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 47.768 ug/L

RT: 10.471 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :

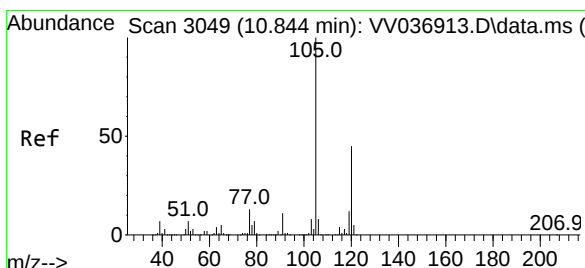
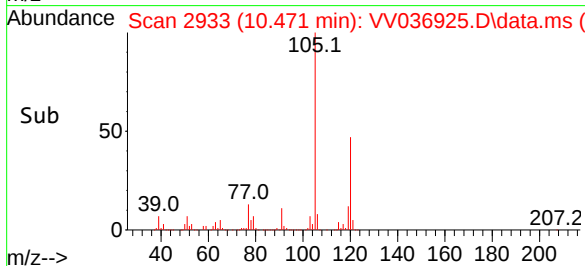
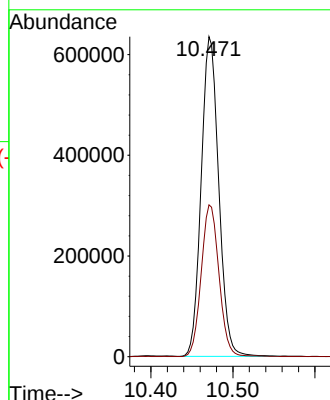
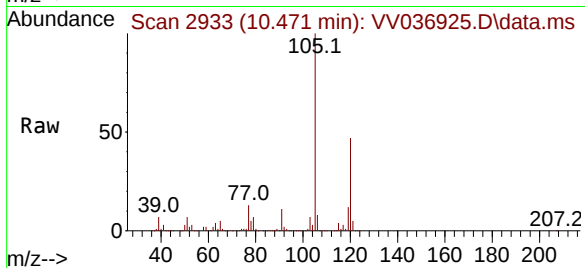
E0CK5MSD

Tgt Ion:105 Resp: 942290

Ion Ratio Lower Upper

105 100

120 48.1 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 47.709 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV036925.D

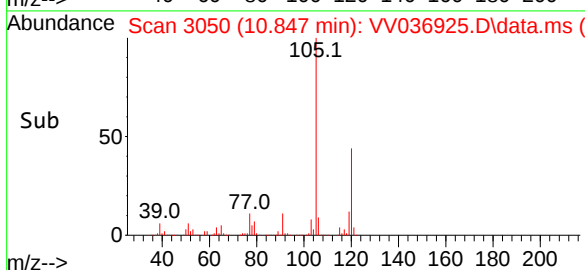
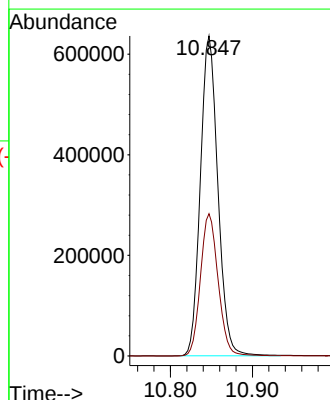
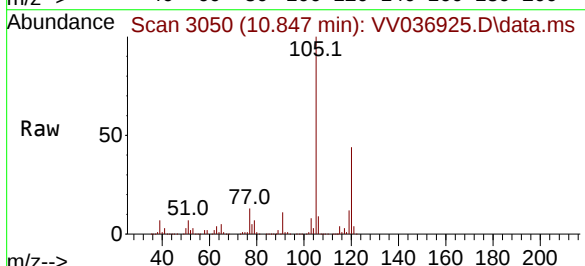
Acq: 13 Aug 2024 17:12

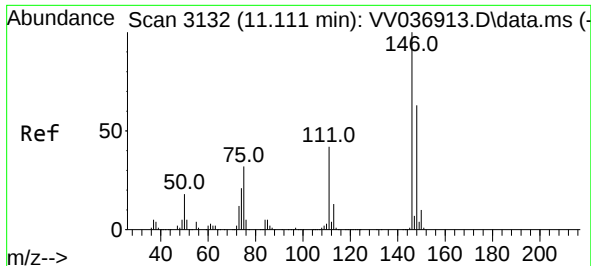
Tgt Ion:105 Resp: 942109

Ion Ratio Lower Upper

105 100

120 44.9 35.6 53.4

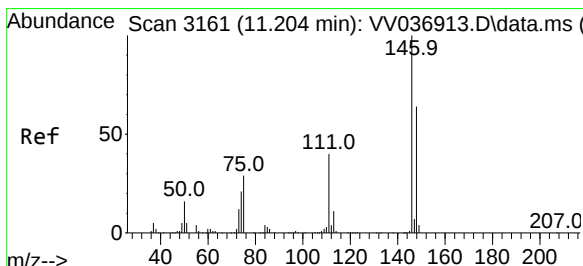
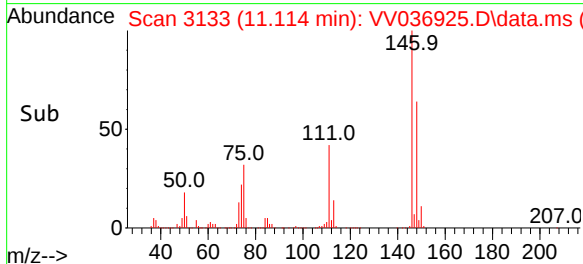
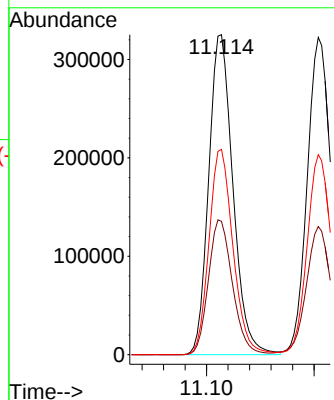
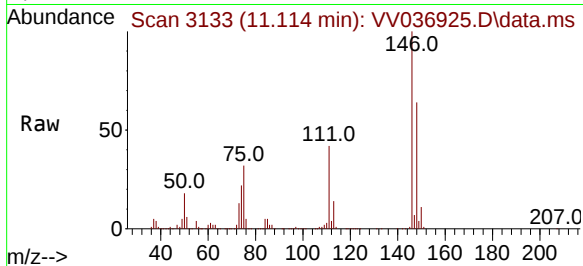




#64
1,3-Dichlorobenzene
Concen: 49.922 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

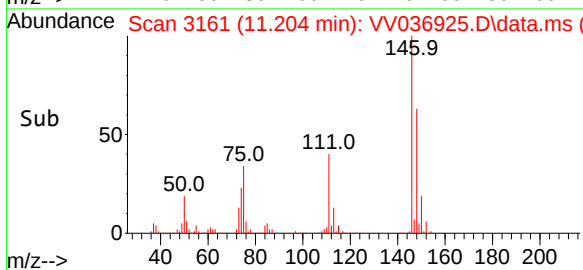
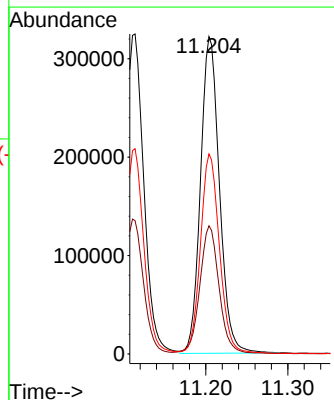
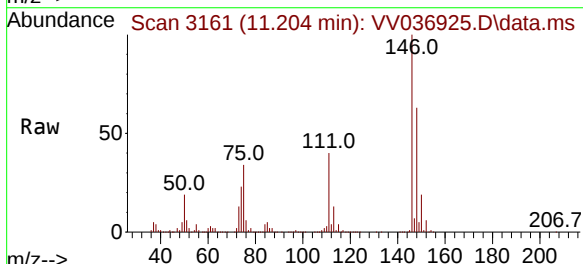
Instrument :
MSVOA_V
ClientSampleId :
E0CK5MSD

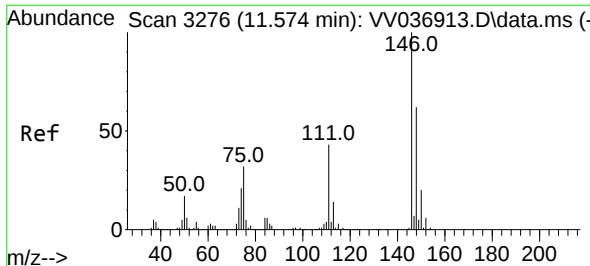
Tgt Ion:146 Resp: 508660
Ion Ratio Lower Upper
146 100
111 41.7 29.8 55.4
148 64.1 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 49.742 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV036925.D
Acq: 13 Aug 2024 17:12

Tgt Ion:146 Resp: 515398
Ion Ratio Lower Upper
146 100
111 40.4 29.0 53.9
148 63.0 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 50.463 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :

E0CK5MSD

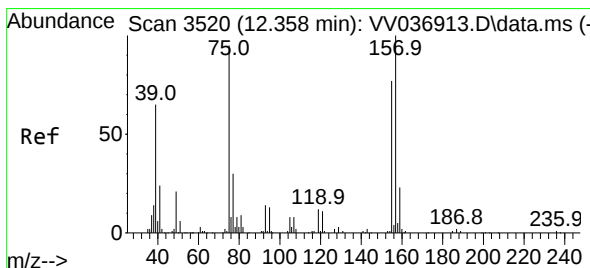
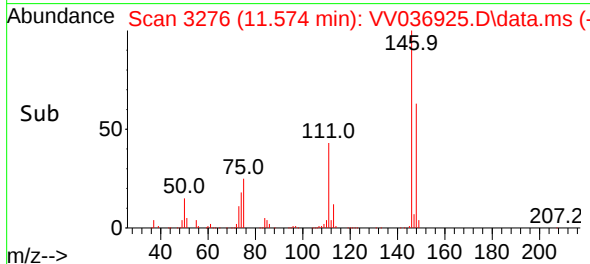
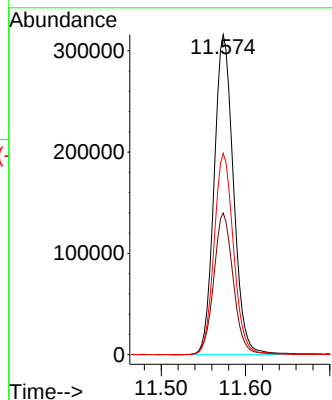
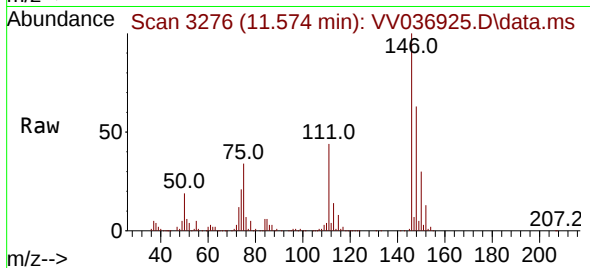
Tgt Ion:146 Resp: 502166

Ion Ratio Lower Upper

146 100

111 44.3 35.7 53.5

148 62.9 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 41.330 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

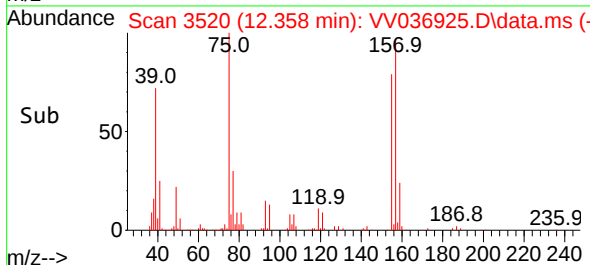
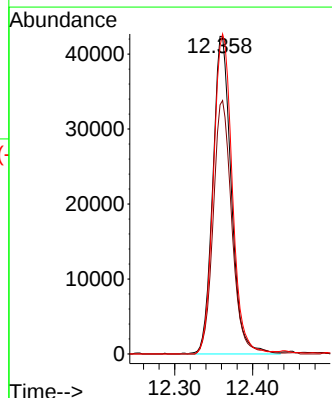
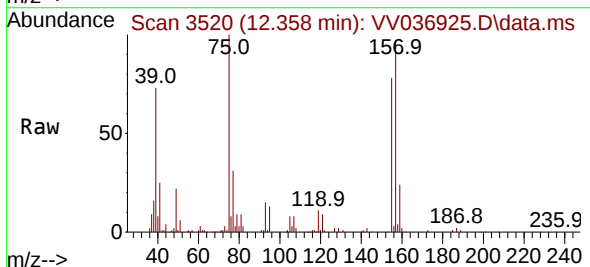
Tgt Ion: 75 Resp: 69974

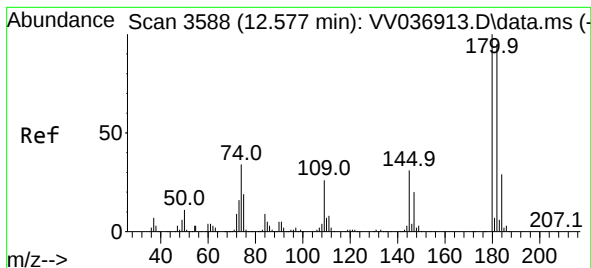
Ion Ratio Lower Upper

75 100

155 78.4 59.5 89.3

157 97.0 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 47.529 ug/L

RT: 12.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :

E0CK5MSD

Tgt Ion:180 Resp: 343675

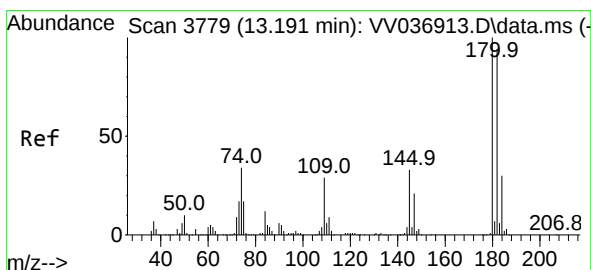
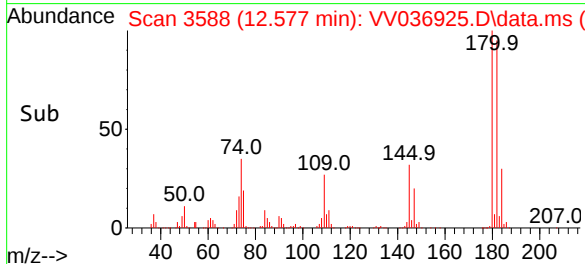
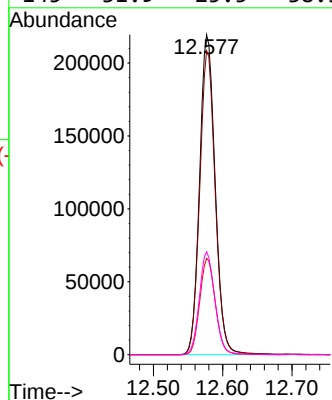
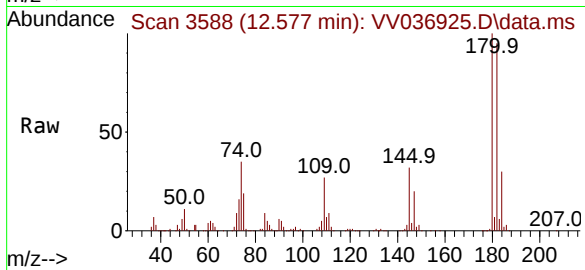
Ion Ratio Lower Upper

180 100

182 94.4 75.0 112.6

184 29.9 23.7 35.5

145 31.9 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 47.035 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

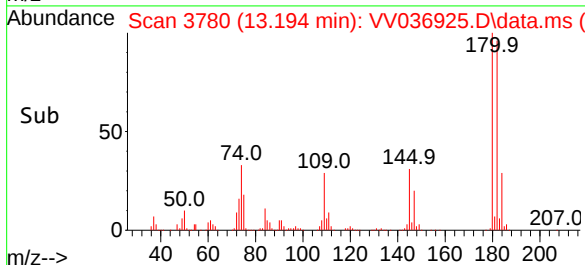
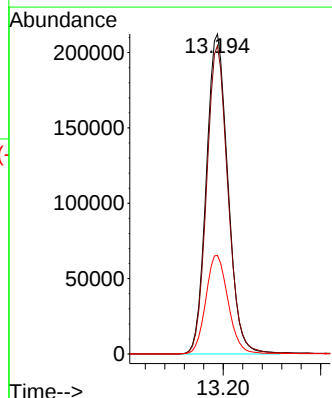
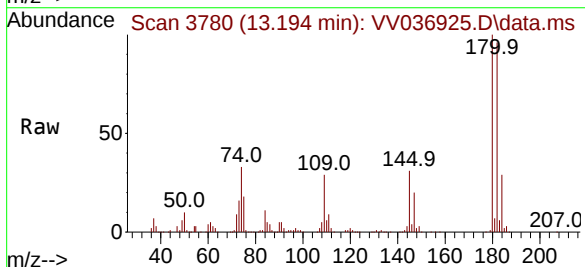
Tgt Ion:180 Resp: 326185

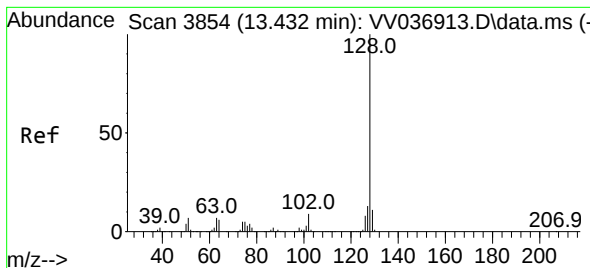
Ion Ratio Lower Upper

180 100

182 95.6 75.1 112.7

145 31.9 26.5 39.7





#71

Naphthalene

Concen: 47.225 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :

E0CK5MSD

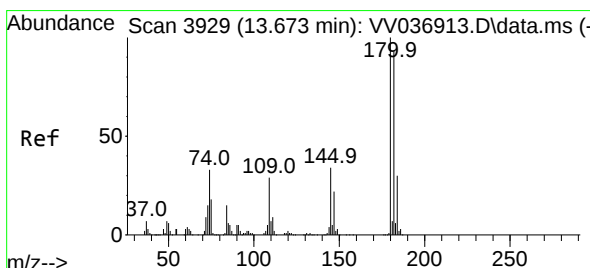
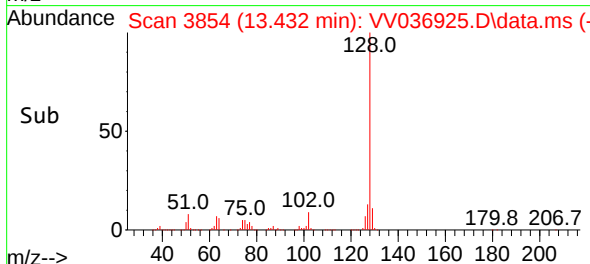
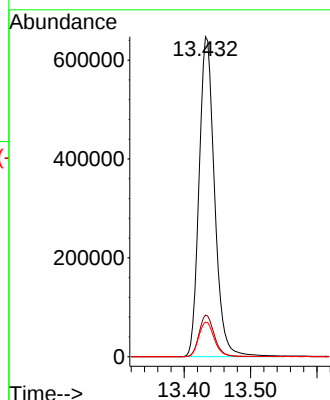
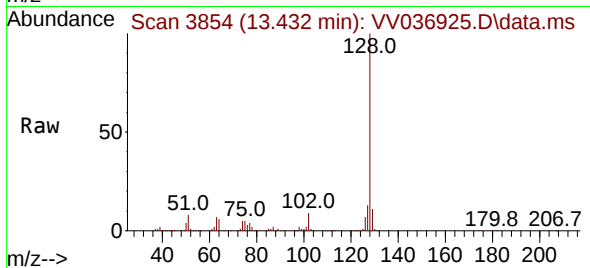
Tgt Ion:128 Resp: 1050216

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 48.441 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV036925.D

Acq: 13 Aug 2024 17:12

Tgt Ion:180 Resp: 328840

Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.2

145 34.3 27.8 41.6

