

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037065.D
 Acq On : 27 Aug 2024 05:45
 Operator : SY/MD
 Sample : P3691-22MSD
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K63MSD

Quant Time: Aug 27 06:06:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 03:16:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	602113	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	587871	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	296961	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	349353	63.428	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	126.860%	
7) Chloroethane-d5	1.532	69	207812	48.818	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	97.640%	
11) 1,1-Dichloroethene-d2	2.056	65	110545	47.752	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	95.500%	
21) 2-Butanone-d5	3.789	46	224227	105.126	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	105.130%	
24) Chloroform-d	4.243	84	449998	52.202	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	104.400%	
26) 1,2-Dichloroethane-d4	4.937	65	277754	51.165	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	102.320%	
32) Benzene-d6	4.953	84	878017	49.449	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	98.900%	
36) 1,2-Dichloropropane-d6	5.986	67	280801	50.491	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	100.980%	
41) Toluene-d8	7.236	98	802394	50.072	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	100.140%	
43) trans-1,3-Dichloroprop...	7.548	79	114612	44.545	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	89.080%	
47) 2-Hexanone-d5	8.024	63	160351	105.646	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	105.650%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	343235	50.888	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	101.780%	
66) 1,2-Dichlorobenzene-d4	11.554	152	293662	49.375	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	98.760%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	249974	49.129	ug/L	100
3) Chloromethane	1.217	50	280455	49.012	ug/L	97
5) Vinyl chloride	1.282	62	9618900	1790.622	ug/L	90
6) Bromomethane	1.487	94	132761	44.106	ug/L	99
8) Chloroethane	1.548	64	180872	55.047	ug/L	97
9) Trichlorofluoromethane	1.712	101	363195	51.810	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	205329	49.245	ug/L	100
12) 1,1-Dichloroethene	2.069	96	213995	54.476	ug/L	97
13) Acetone	2.111	43	158338	69.218	ug/L	98
14) Carbon disulfide	2.240	76	635673	53.304	ug/L	100
15) Methyl Acetate	2.372	43	142441	37.142	ug/L	99
16) Methylene chloride	2.442	84	239574	54.054	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	232261	56.955	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	697630	54.383	ug/L	100
19) 1,1-Dichloroethane	3.105	63	458015	56.555	ug/L	98
20) cis-1,2-Dichloroethene	3.806	96	5509862	1222.730	ug/L	99
22) 2-Butanone	3.876	43	227570	90.356	ug/L	96
23) Bromochloromethane	4.140	128	121190	54.787	ug/L	96
25) Chloroform	4.272	83	425530	51.882	ug/L	99

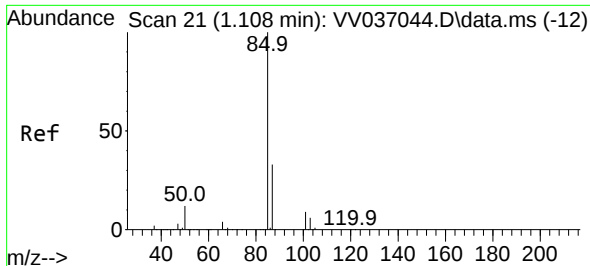
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
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 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 03:16:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	325936	54.175	ug/L	98
29) Cyclohexane	4.571	56	334526	48.397	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	355054	52.490	ug/L	99
31) Carbon tetrachloride	4.728	117	293523	51.425	ug/L	97
33) Benzene	5.002	78	914850	53.924	ug/L	100
34) Trichloroethene	5.828	95	233435	52.130	ug/L	99
35) Methylcyclohexane	6.043	83	327306	44.988	ug/L	99
37) 1,2-Dichloropropane	6.088	63	240424	52.860	ug/L	99
38) Bromodichloromethane	6.429	83	312317	53.575	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	336705	46.911	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	498637	107.837	ug/L	100
42) Toluene	7.310	91	959691	54.330	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	300306	46.809	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	228325	53.927	ug/L	99
46) Tetrachloroethene	7.899	164	167955	52.275	ug/L	98
48) 2-Hexanone	8.072	43	357855	100.068	ug/L	98
49) Dibromochloromethane	8.172	129	226642	53.459	ug/L	100
50) 1,2-Dibromoethane	8.278	107	235515	54.970	ug/L	99
51) Chlorobenzene	8.809	112	625936	53.525	ug/L	98
52) Ethylbenzene	8.940	91	1069668	53.611	ug/L	100
53) m,p-Xylene	9.069	106	397910	53.826	ug/L	99
54) o-Xylene	9.474	106	393925	54.423	ug/L	98
55) Styrene	9.490	104	679351	54.091	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	344284	54.904	ug/L	100
59) Bromoform	9.661	173	141793	51.277	ug/L	100
60) Isopropylbenzene	9.860	105	1043428	54.199	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	252240	54.603	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	849012	53.902	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	845856	53.812	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	468786	52.733	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	485746	53.387	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	470063	53.777	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	59549	51.689	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	316592	51.182	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	297973	51.158	ug/L	99
71) Naphthalene	13.432	128	944320	56.146	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	304442	53.039	ug/L	99

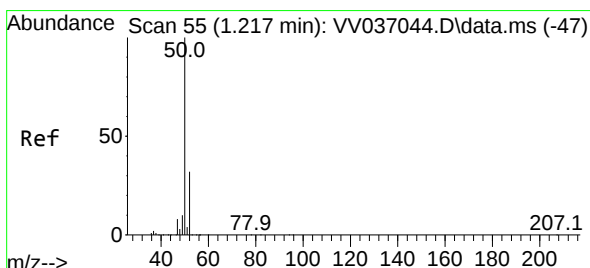
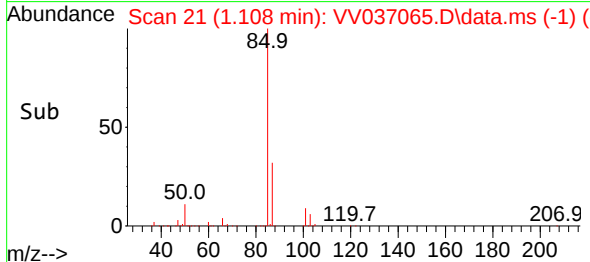
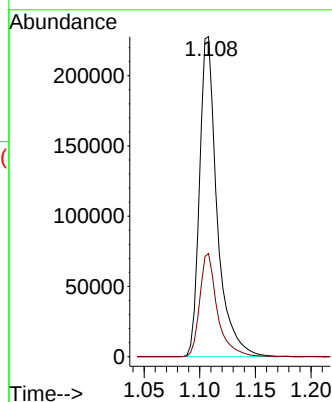
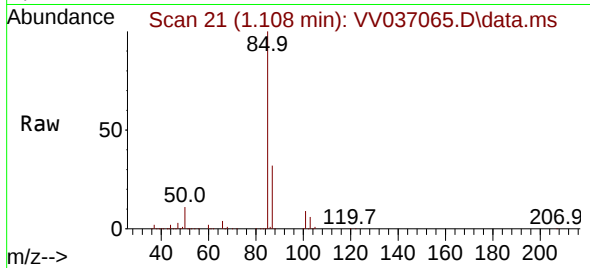
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 49.129 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037065.D
 Acq: 27 Aug 2024 05:45

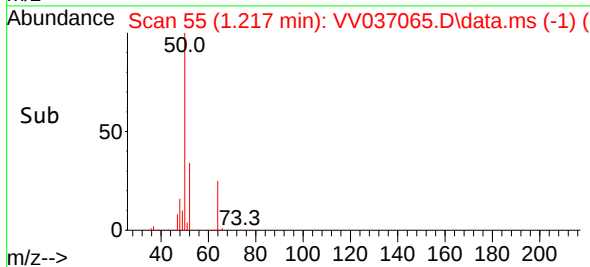
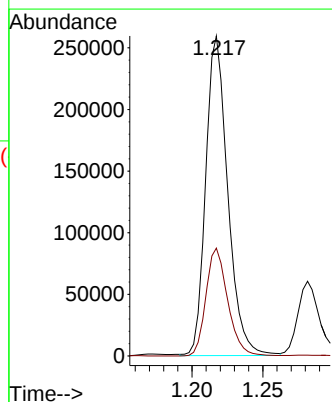
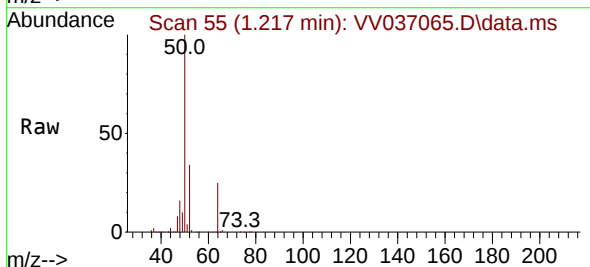
Instrument :
 MSVOA_V
 ClientSampleId :
 E1K63MSD

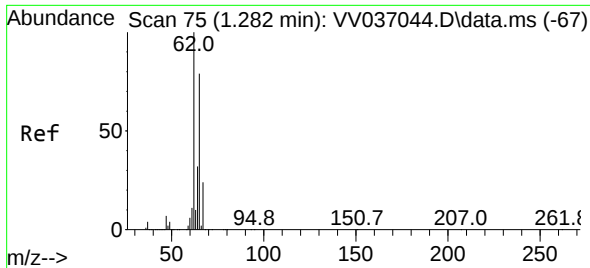
Tgt Ion: 85 Resp: 249974
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.9 38.9



#3
 Chloromethane
 Concen: 49.012 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037065.D
 Acq: 27 Aug 2024 05:45

Tgt Ion: 50 Resp: 280455
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.5 41.9

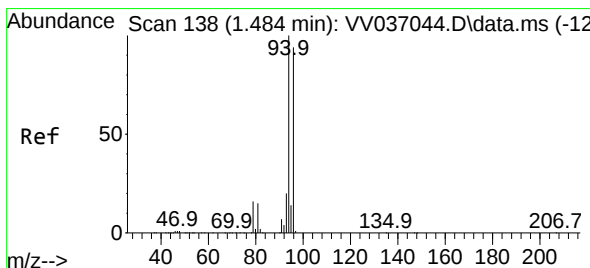
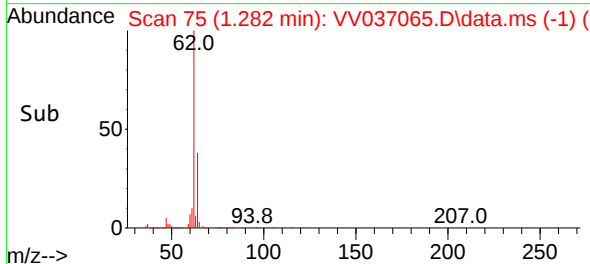
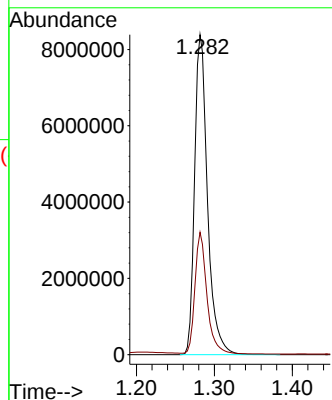
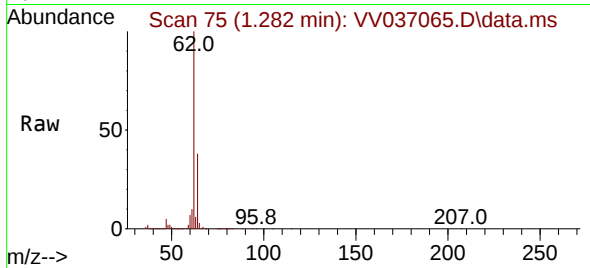




#5
 Vinyl chloride
 Concen: 1790.622 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV037065.D
 Acq: 27 Aug 2024 05:45

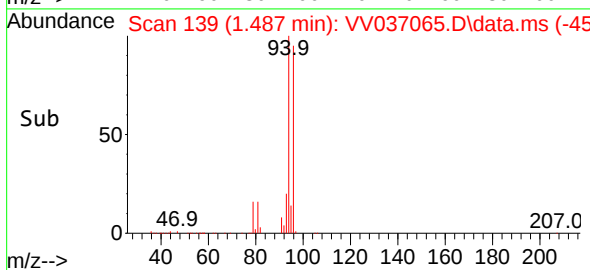
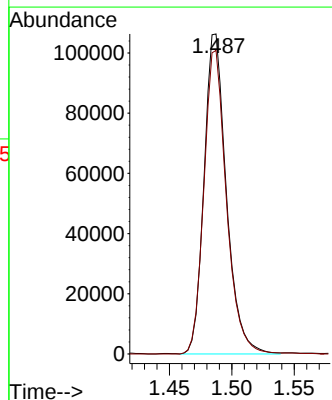
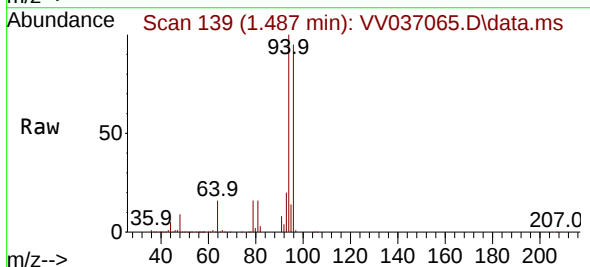
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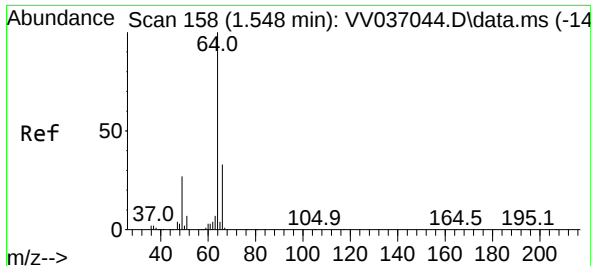
Tgt Ion: 62 Resp: 9618900
 Ion Ratio Lower Upper
 62 100
 64 38.2 22.8 42.4



#6
 Bromomethane
 Concen: 44.106 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV037065.D
 Acq: 27 Aug 2024 05:45

Tgt Ion: 94 Resp: 132761
 Ion Ratio Lower Upper
 94 100
 96 94.9 65.6 121.8

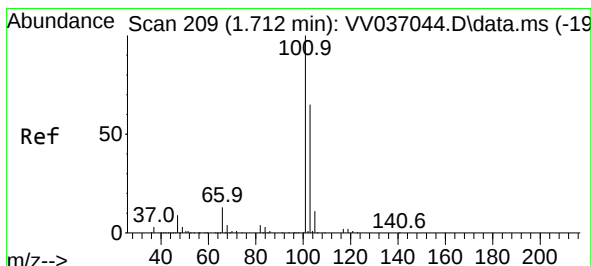
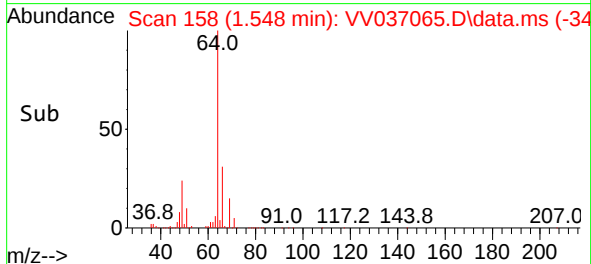
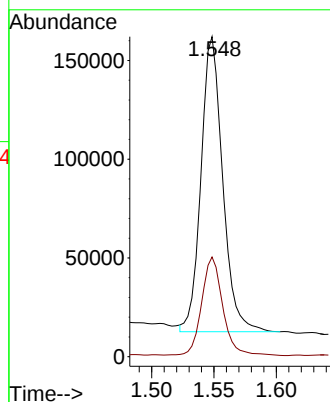
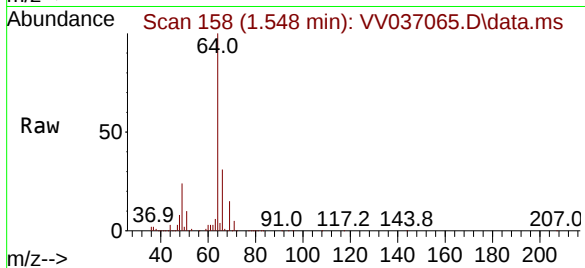




#8
Chloroethane
Concen: 55.047 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

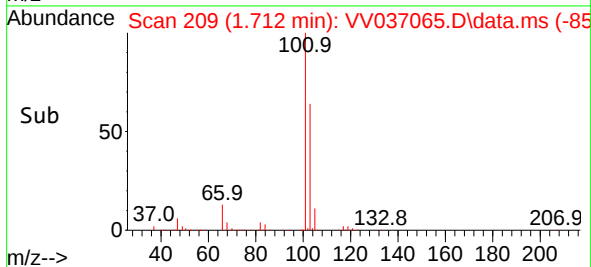
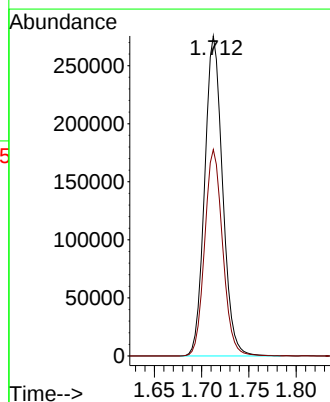
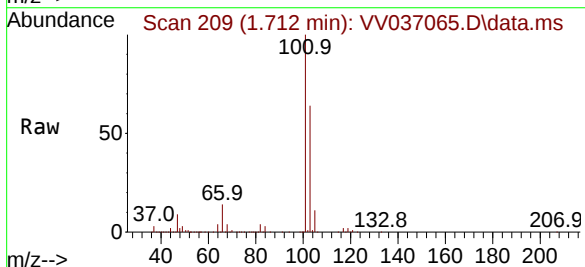
Instrument :
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ClientSampleId :
E1K63MSD

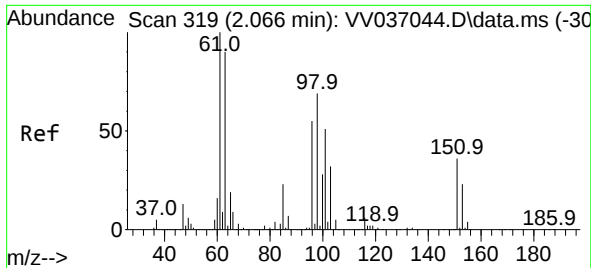
Tgt Ion: 64 Resp: 180872
Ion Ratio Lower Upper
64 100
66 31.2 22.8 42.4



#9
Trichlorofluoromethane
Concen: 51.810 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

Tgt Ion:101 Resp: 363195
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

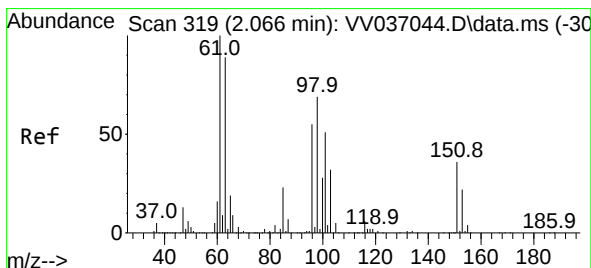
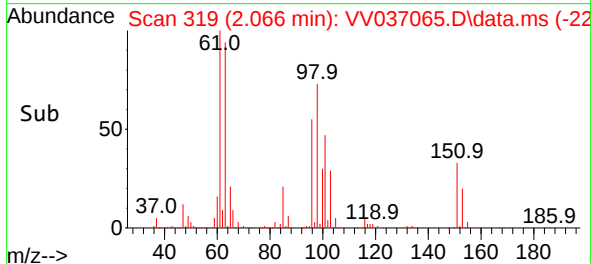
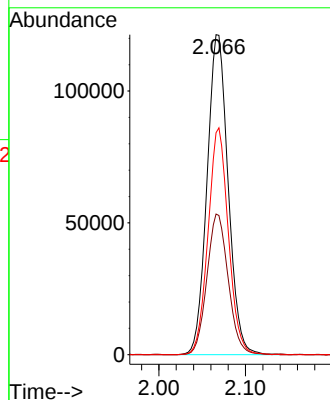
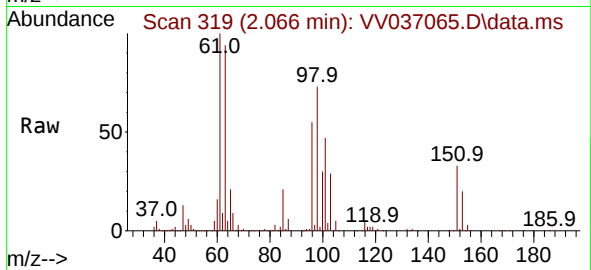




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.245 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV037065.D
 Acq: 27 Aug 2024 05:45

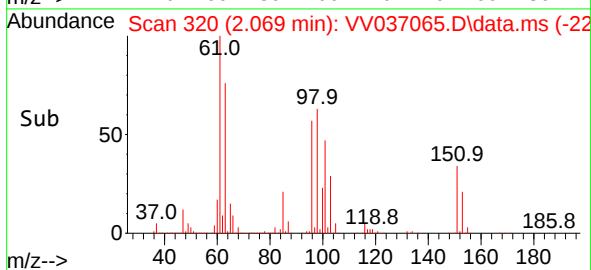
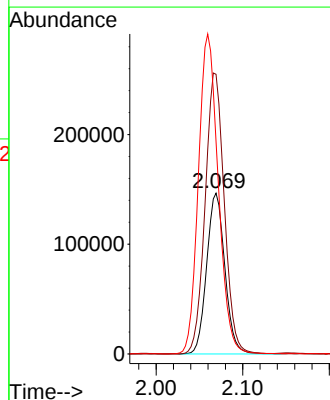
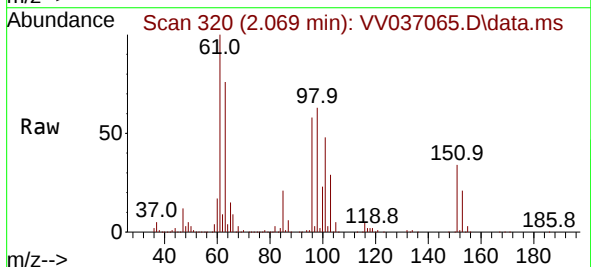
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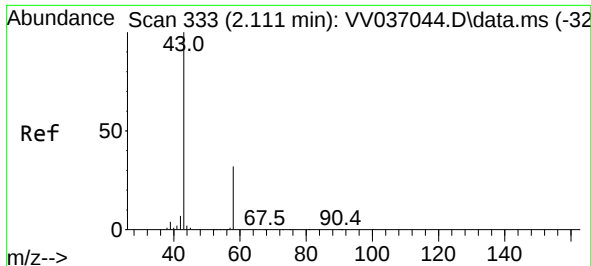
Tgt Ion:101 Resp: 205329
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.6 53.4
 151 68.3 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 54.476 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV037065.D
 Acq: 27 Aug 2024 05:45

Tgt Ion: 96 Resp: 213995
 Ion Ratio Lower Upper
 96 100
 61 173.9 123.8 229.8
 63 132.1 96.5 179.1





#13

Acetone

Concen: 69.218 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037065.D

Acq: 27 Aug 2024 05:45

Instrument :

MSVOA_V

ClientSampleId :

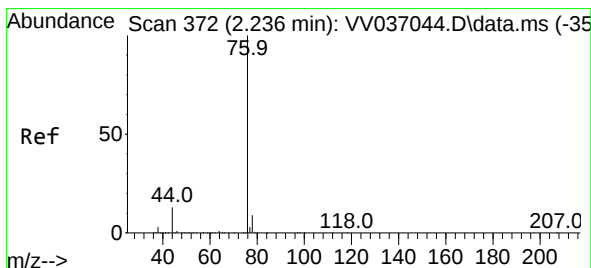
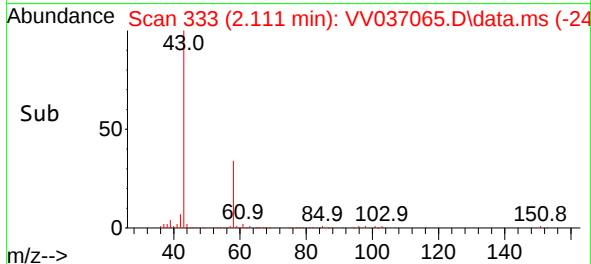
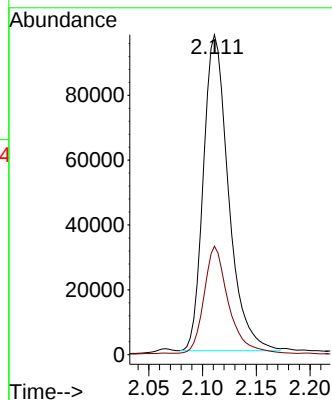
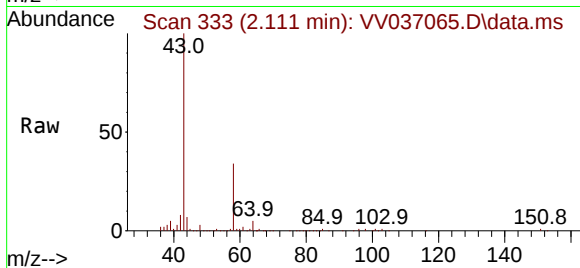
E1K63MSD

Tgt Ion: 43 Resp: 158338

Ion Ratio Lower Upper

43 100

58 33.3 0.0 64.8



#14

Carbon disulfide

Concen: 53.304 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV037065.D

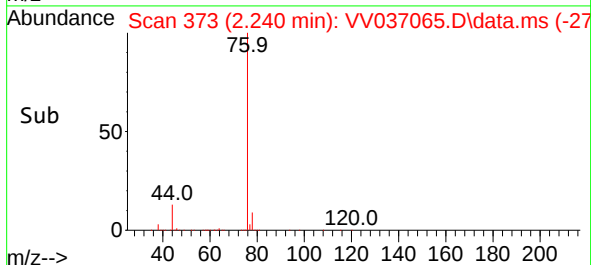
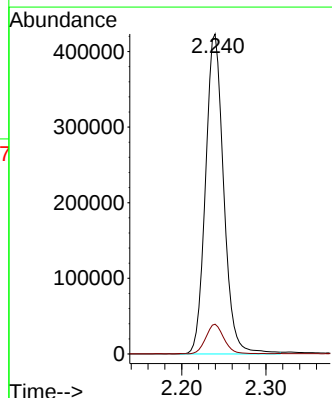
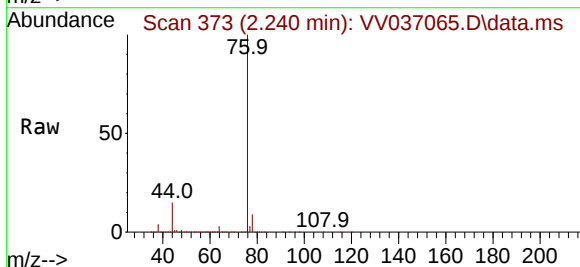
Acq: 27 Aug 2024 05:45

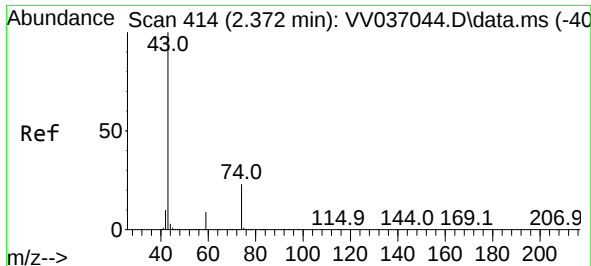
Tgt Ion: 76 Resp: 635673

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

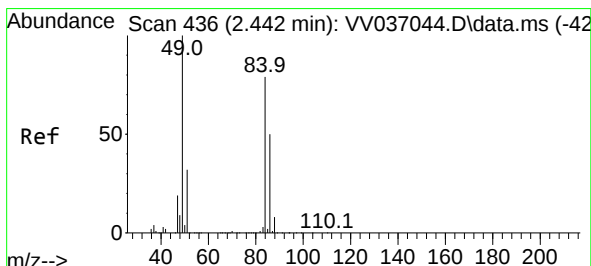
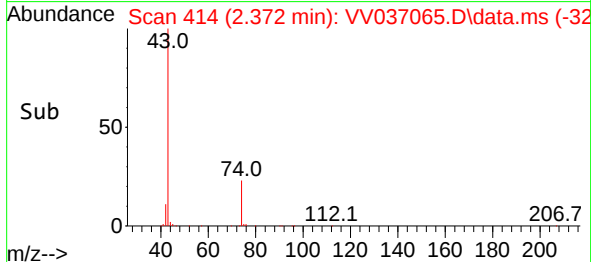
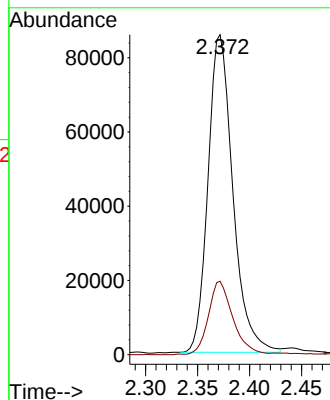
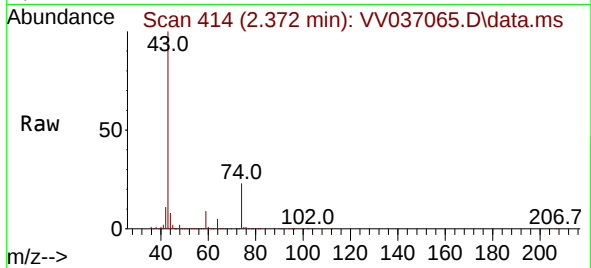




#15
Methyl Acetate
Concen: 37.142 ug/L
RT: 2.372 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

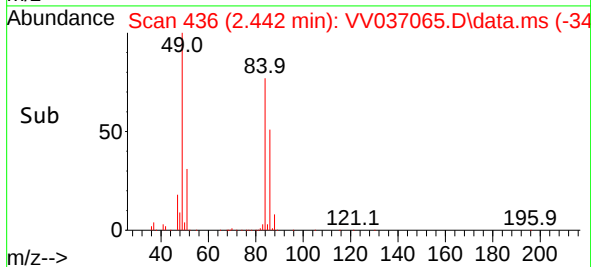
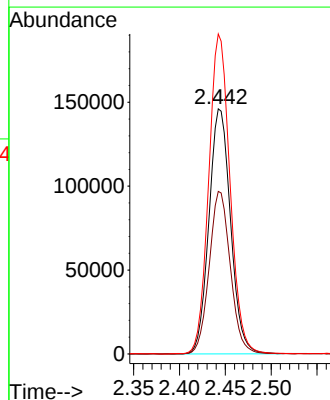
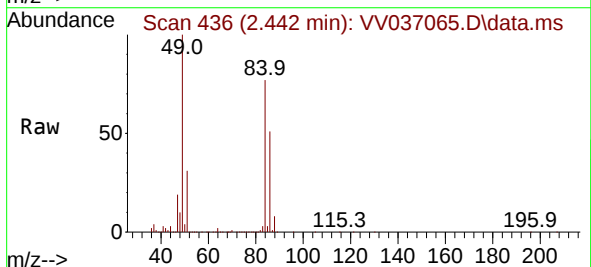
Instrument :
MSVOA_V
ClientSampleId :
E1K63MSD

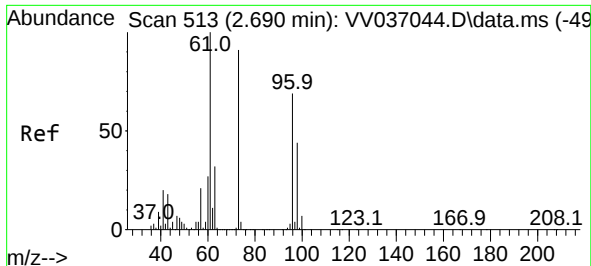
Tgt Ion: 43 Resp: 142441
Ion Ratio Lower Upper
43 100
74 22.4 18.4 27.6



#16
Methylene chloride
Concen: 54.054 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

Tgt Ion: 84 Resp: 239574
Ion Ratio Lower Upper
84 100
86 66.4 44.7 82.9
49 130.6 91.4 169.8

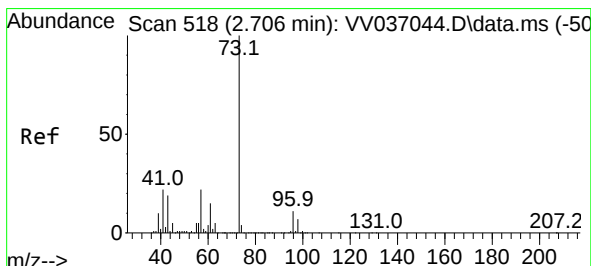
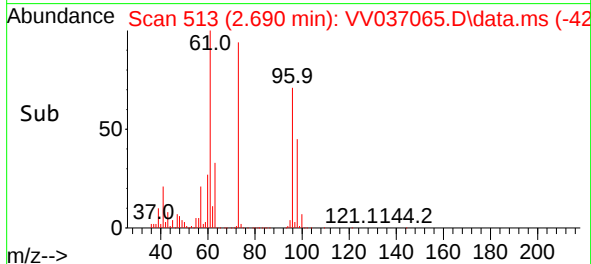
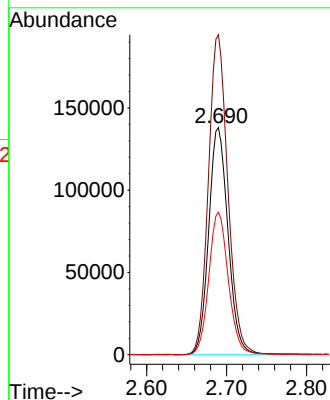
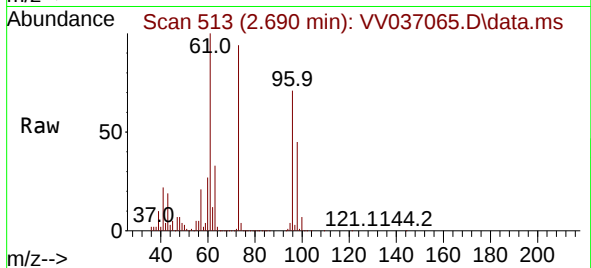




#17
trans-1,2-Dichloroethene
Concen: 56.955 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

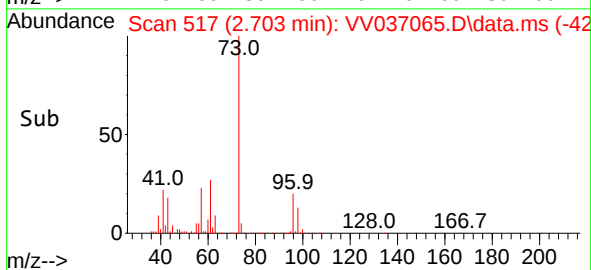
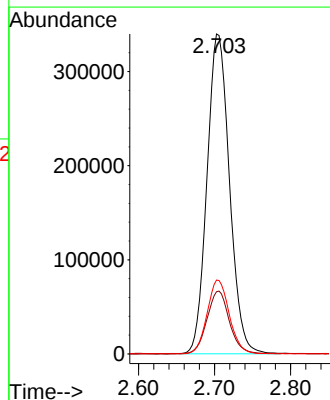
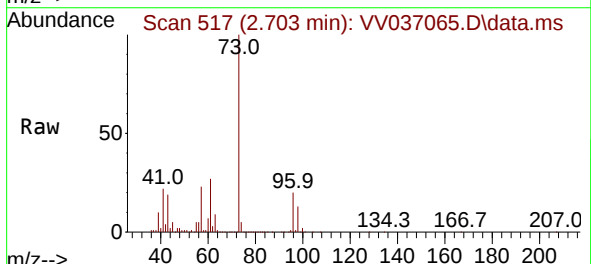
Instrument :
MSVOA_V
ClientSampleId :
E1K63MSD

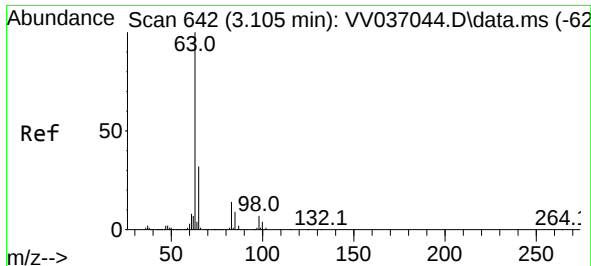
Tgt Ion: 96 Resp: 232261
Ion Ratio Lower Upper
96 100
61 141.0 102.3 189.9
98 62.8 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 54.383 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

Tgt Ion: 73 Resp: 697630
Ion Ratio Lower Upper
73 100
43 19.4 15.8 23.6
57 22.6 18.1 27.1





#19

1,1-Dichloroethane

Concen: 56.555 ug/L

RT: 3.105 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV037065.D

Acq: 27 Aug 2024 05:45

Instrument :

MSVOA_V

ClientSampleId :

E1K63MSD

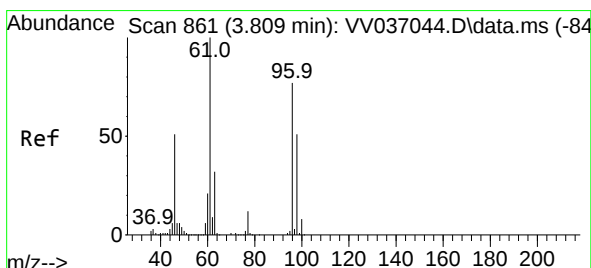
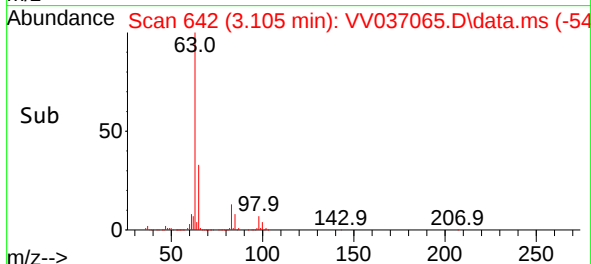
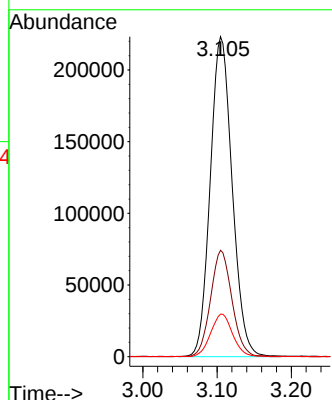
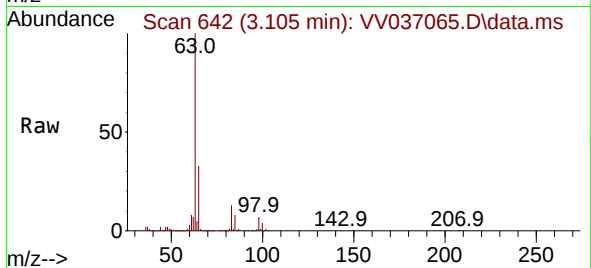
Tgt Ion: 63 Resp: 458015

Ion Ratio Lower Upper

63 100

65 33.3 22.0 41.0

83 13.3 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 1222.730 ug/L

RT: 3.806 min Scan# 860

Delta R.T. -0.003 min

Lab File: VV037065.D

Acq: 27 Aug 2024 05:45

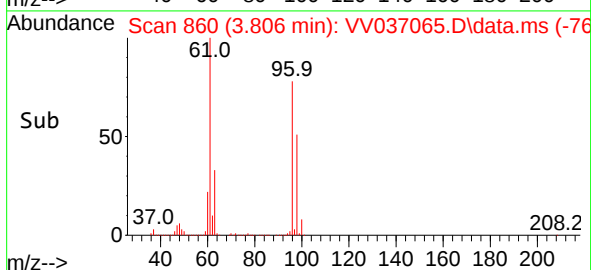
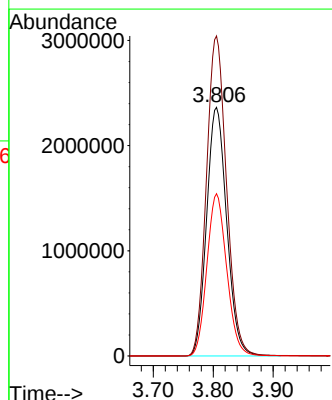
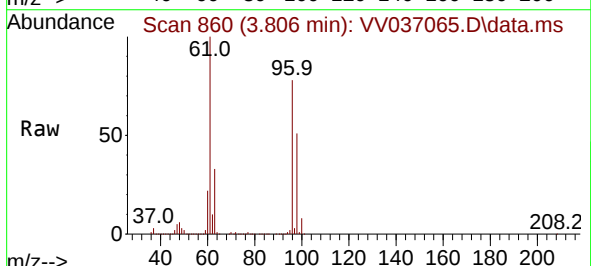
Tgt Ion: 96 Resp: 5509862

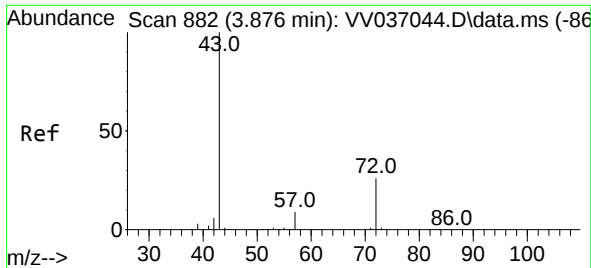
Ion Ratio Lower Upper

96 100

61 128.7 89.9 166.9

98 65.2 44.8 83.2

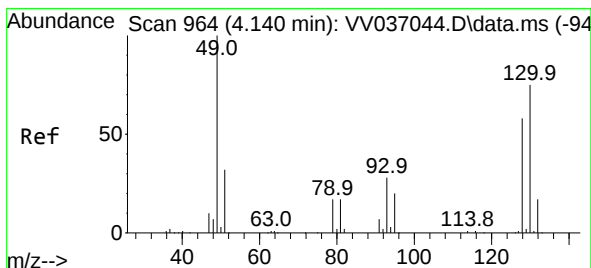
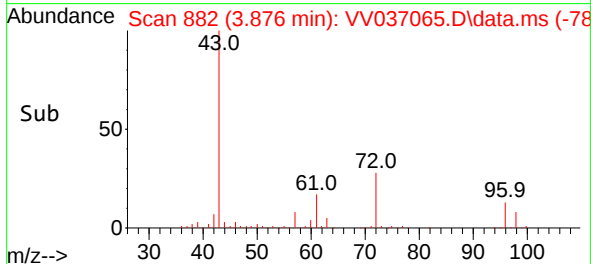
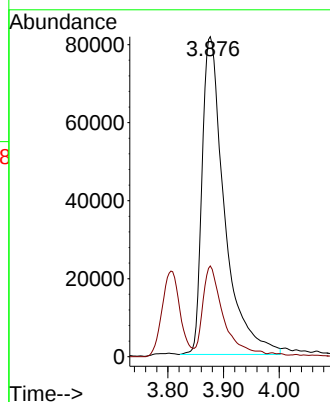
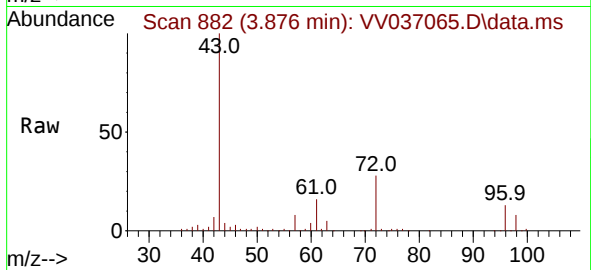




#22
2-Butanone
Concen: 90.356 ug/L
RT: 3.876 min Scan# 882
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

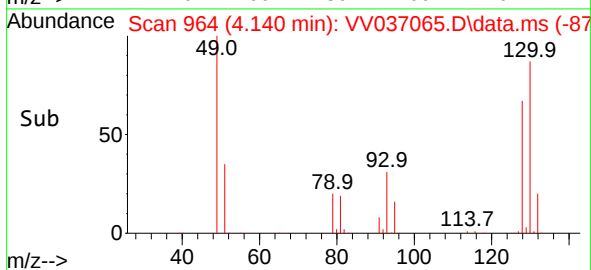
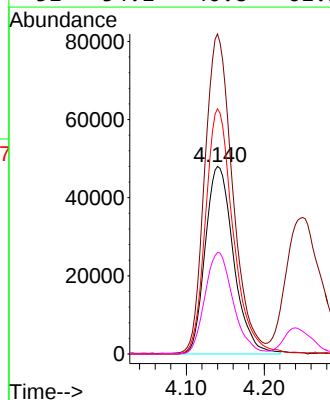
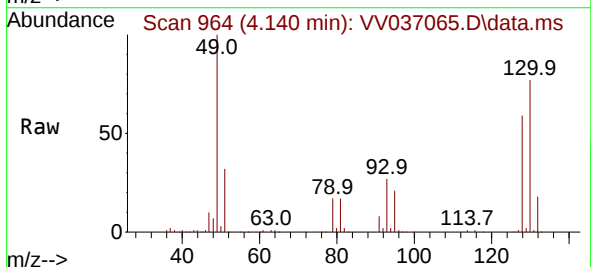
Instrument :
MSVOA_V
ClientSampleId :
E1K63MSD

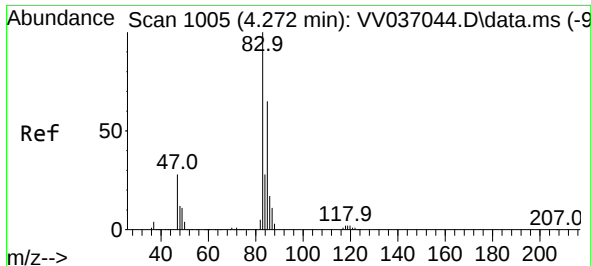
Tgt Ion: 43 Resp: 227570
Ion Ratio Lower Upper
43 100
72 23.1 12.7 38.0



#23
Bromochloromethane
Concen: 54.787 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

Tgt Ion:128 Resp: 121190
Ion Ratio Lower Upper
128 100
49 170.7 117.2 217.6
130 130.7 87.6 162.8
51 54.1 40.8 61.2

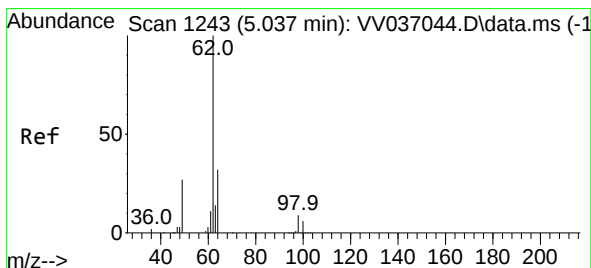
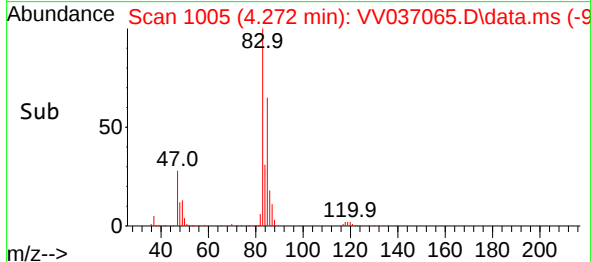
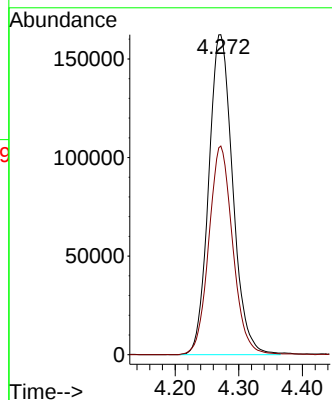
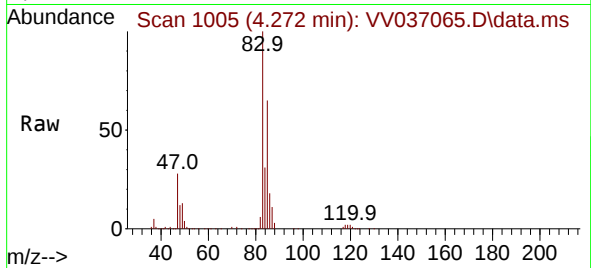




#25
Chloroform
Concen: 51.882 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

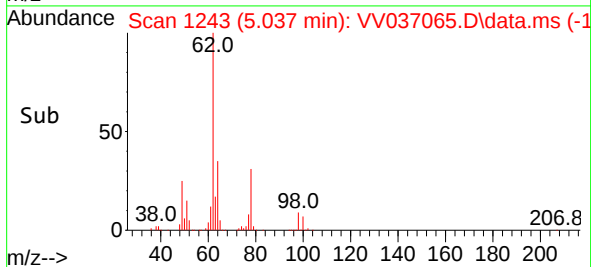
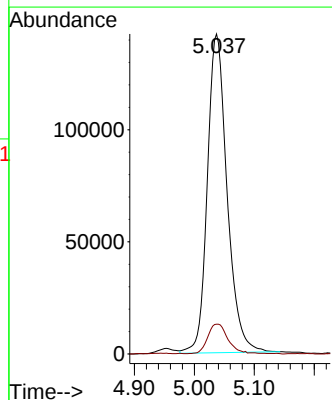
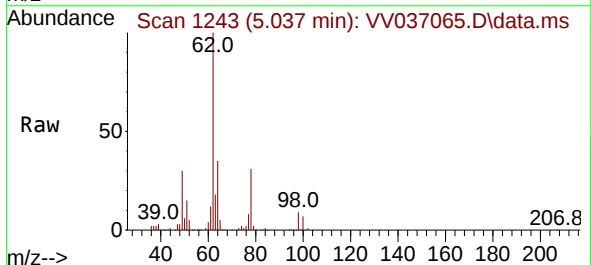
Instrument :
MSVOA_V
ClientSampleId :
E1K63MSD

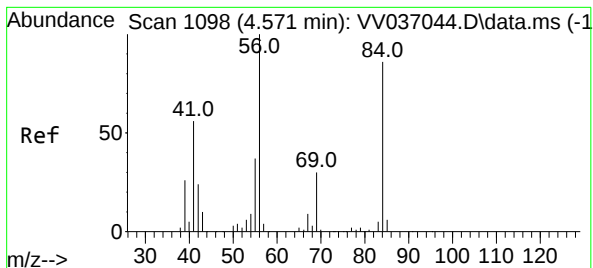
Tgt Ion: 83 Resp: 425530
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 54.175 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

Tgt Ion: 62 Resp: 325936
Ion Ratio Lower Upper
62 100
98 9.3 8.0 12.0





#29

Cyclohexane

Concen: 48.397 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV037065.D

Acq: 27 Aug 2024 05:45

Instrument :

MSVOA_V

ClientSampleId :

E1K63MSD

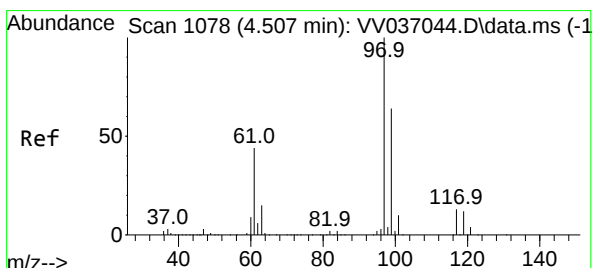
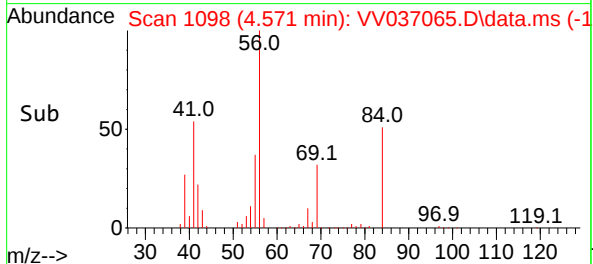
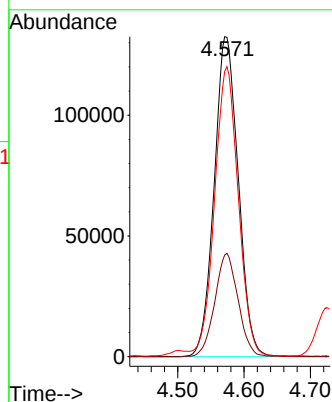
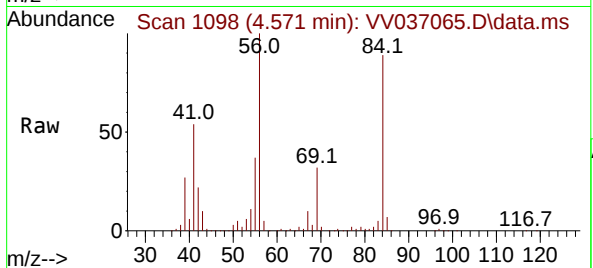
Tgt Ion: 56 Resp: 334526

Ion Ratio Lower Upper

56 100

69 31.2 24.2 36.4

84 88.6 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 52.490 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VV037065.D

Acq: 27 Aug 2024 05:45

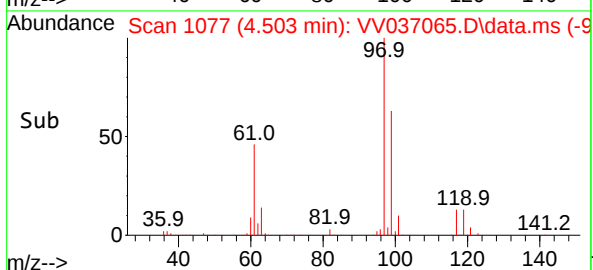
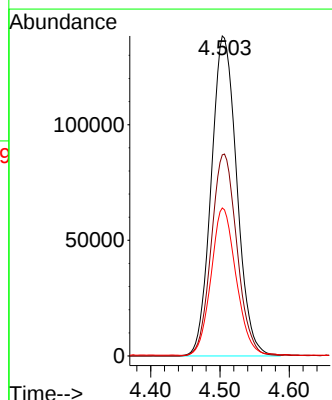
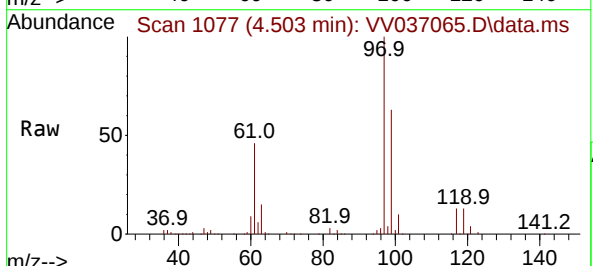
Tgt Ion: 97 Resp: 355054

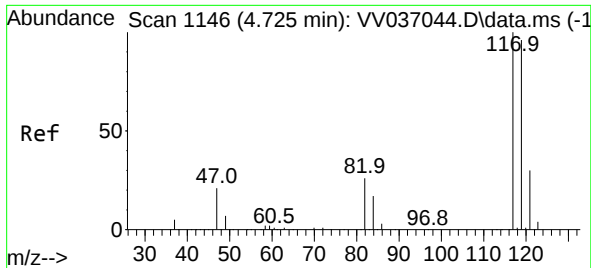
Ion Ratio Lower Upper

97 100

99 63.4 51.6 77.4

61 45.3 35.8 53.6

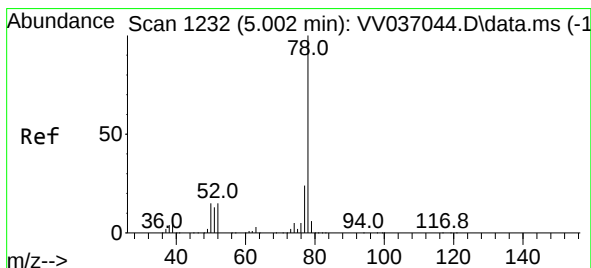
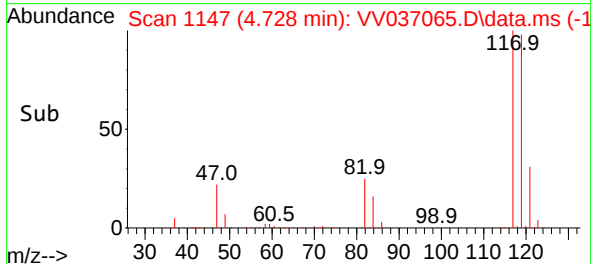
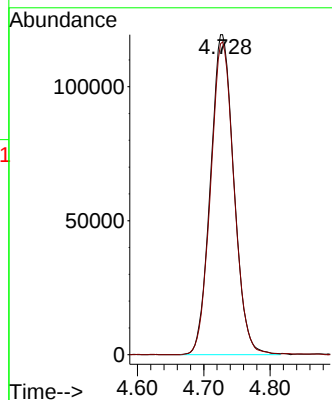
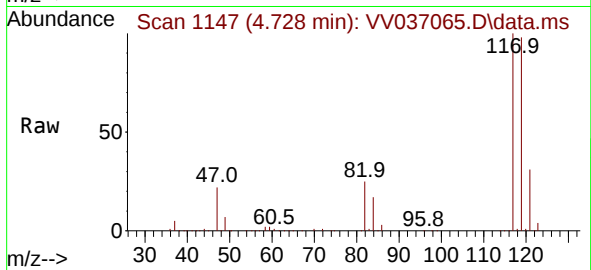




#31
Carbon tetrachloride
Concen: 51.425 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

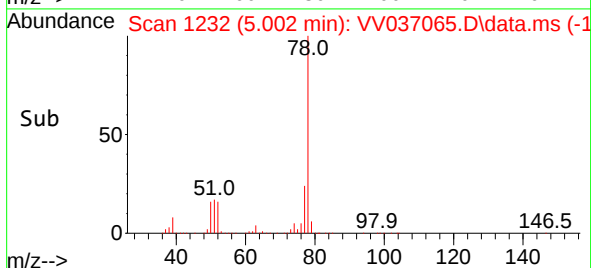
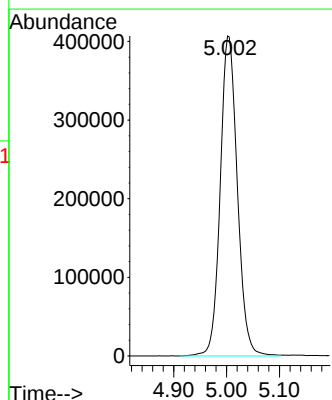
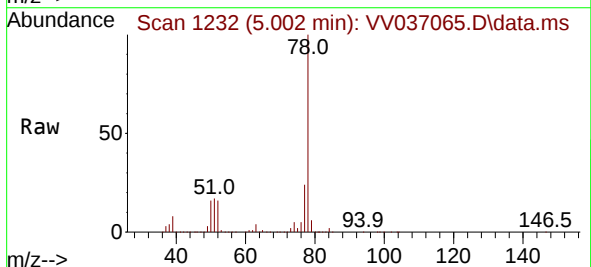
Instrument :
MSVOA_V
ClientSampleId :
E1K63MSD

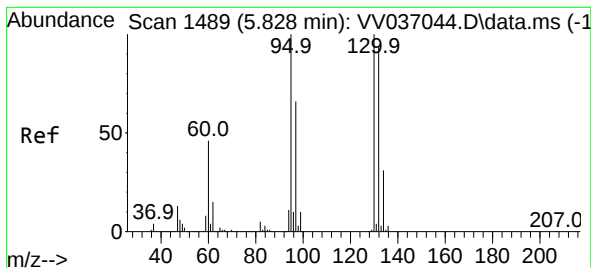
Tgt Ion:117 Resp: 293523
Ion Ratio Lower Upper
117 100
119 97.4 75.8 113.6



#33
Benzene
Concen: 53.924 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

Tgt Ion: 78 Resp: 914850





#34

Trichloroethene

Concen: 52.130 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VV037065.D

Acq: 27 Aug 2024 05:45

Instrument :

MSVOA_V

ClientSampleId :

E1K63MSD

Tgt Ion: 95 Resp: 233435

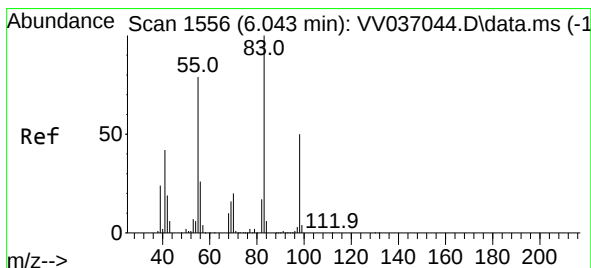
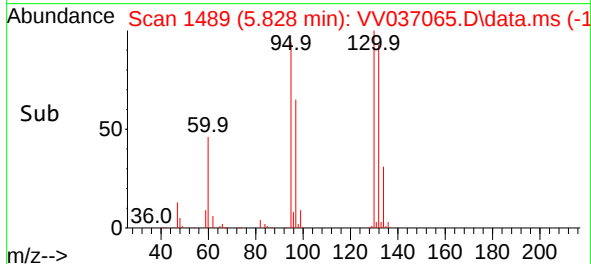
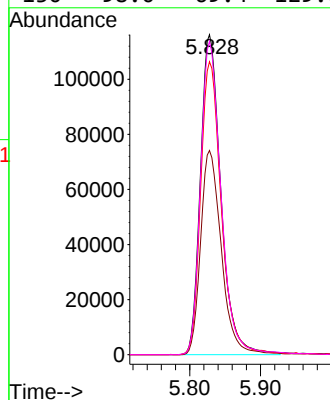
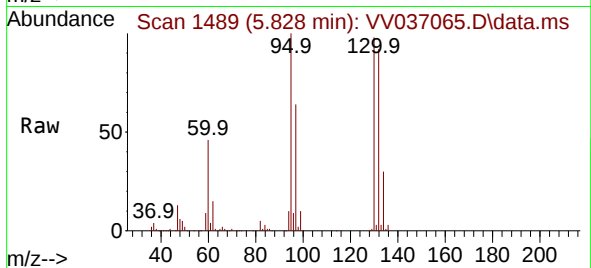
Ion Ratio Lower Upper

95 100

97 63.8 44.4 82.5

132 91.5 64.9 120.5

130 98.0 69.4 129.0



#35

Methylcyclohexane

Concen: 44.988 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VV037065.D

Acq: 27 Aug 2024 05:45

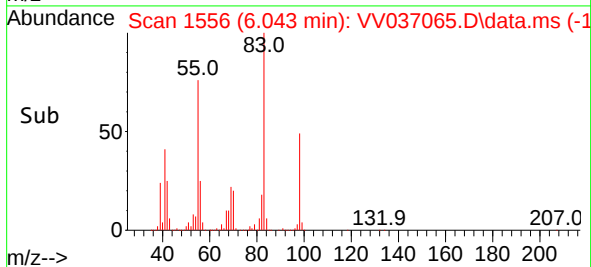
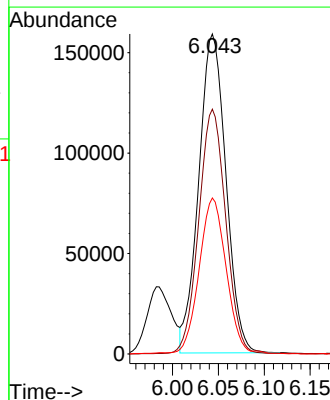
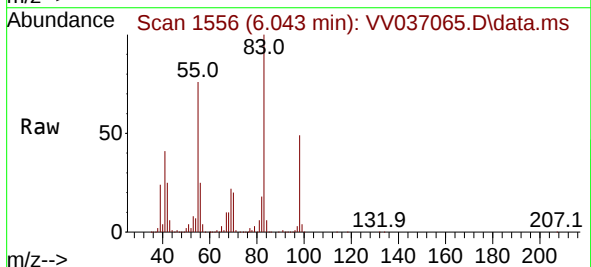
Tgt Ion: 83 Resp: 327306

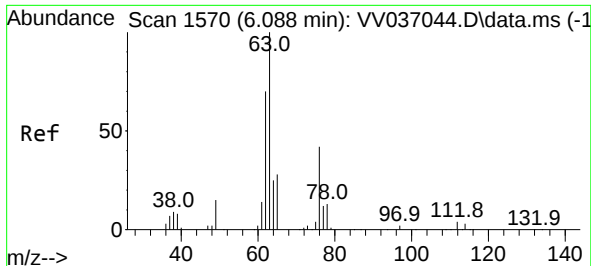
Ion Ratio Lower Upper

83 100

55 76.0 61.2 91.8

98 47.3 39.3 58.9





#37

1,2-Dichloropropane

Concen: 52.860 ug/L

RT: 6.088 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VV037065.D

Acq: 27 Aug 2024 05:45

Instrument :

MSVOA_V

ClientSampleId :

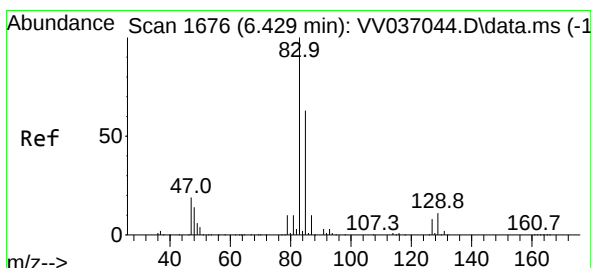
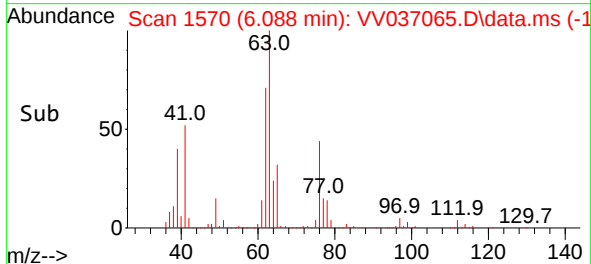
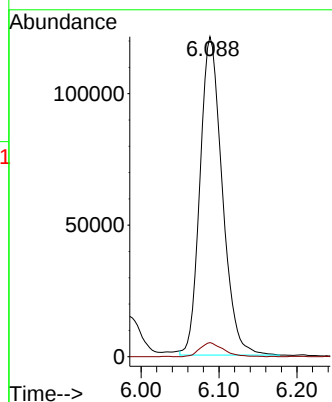
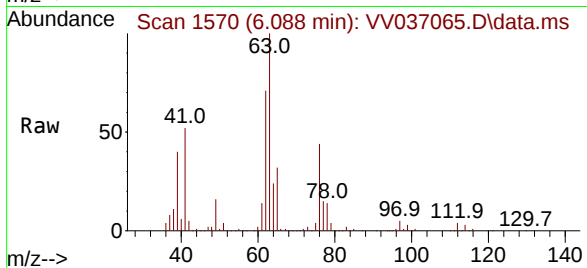
E1K63MSD

Tgt Ion: 63 Resp: 240424

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 53.575 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VV037065.D

Acq: 27 Aug 2024 05:45

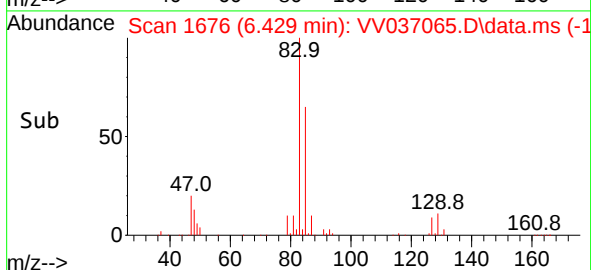
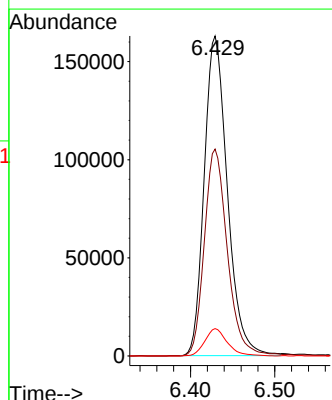
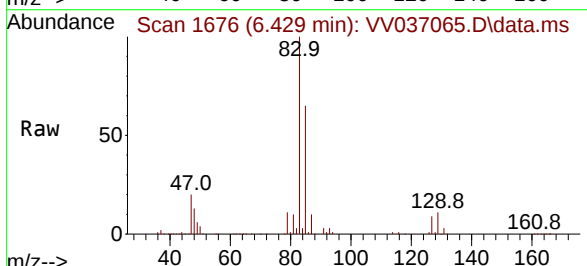
Tgt Ion: 83 Resp: 312317

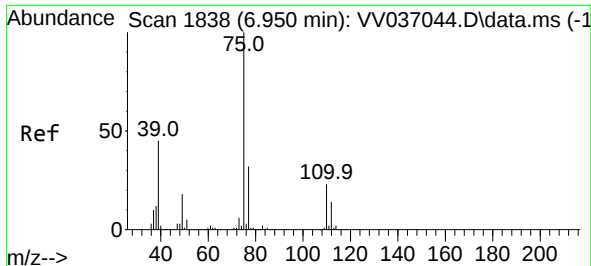
Ion Ratio Lower Upper

83 100

85 64.6 44.5 82.7

127 8.5 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 46.911 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. -0.000 min

Lab File: VV037065.D

Acq: 27 Aug 2024 05:45

Instrument :

MSVOA_V

ClientSampleId :

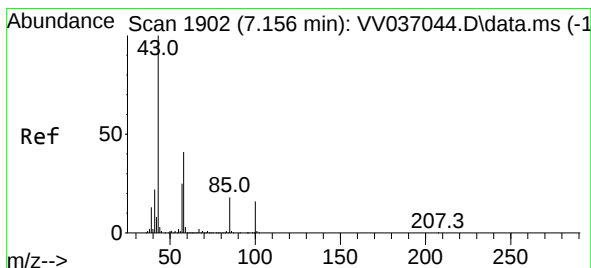
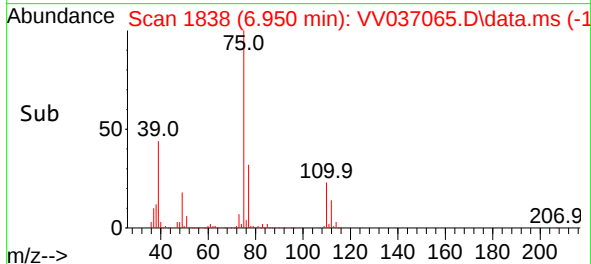
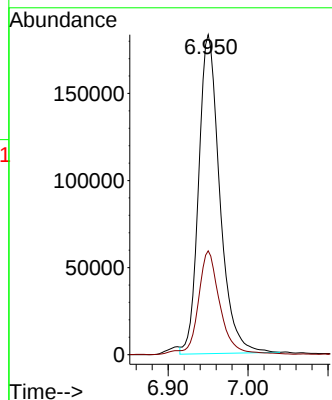
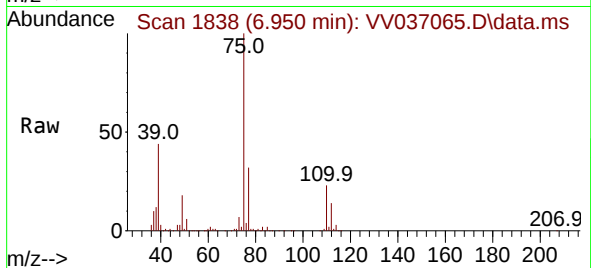
E1K63MSD

Tgt Ion: 75 Resp: 336705

Ion Ratio Lower Upper

75 100

77 32.5 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 107.837 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VV037065.D

Acq: 27 Aug 2024 05:45

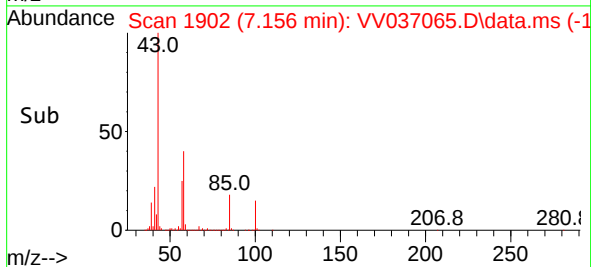
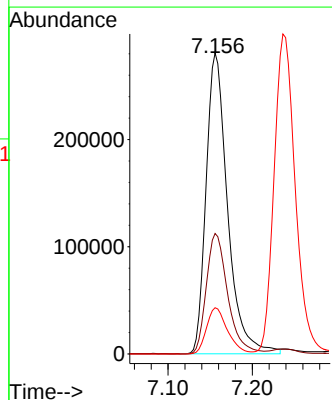
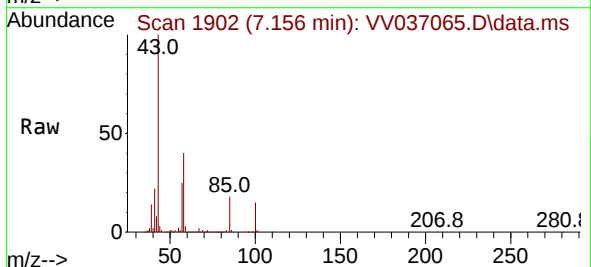
Tgt Ion: 43 Resp: 498637

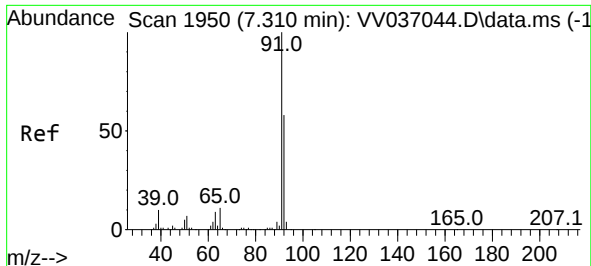
Ion Ratio Lower Upper

43 100

58 39.9 32.0 48.0

100 15.0 12.4 18.6

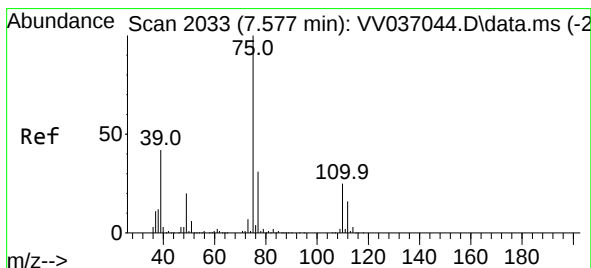
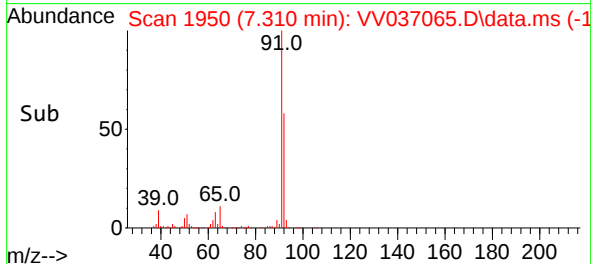
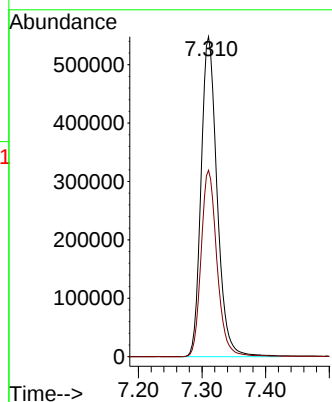
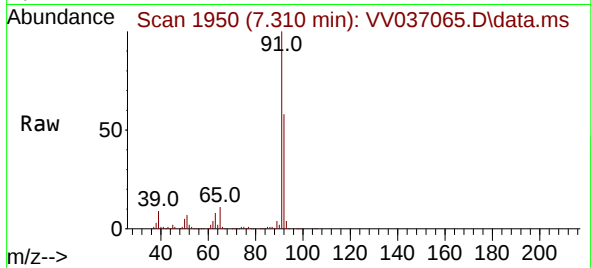




#42
Toluene
Concen: 54.330 ug/L
RT: 7.310 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

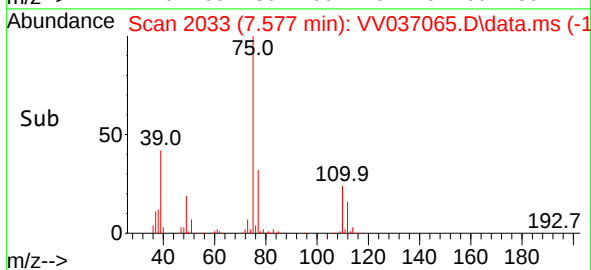
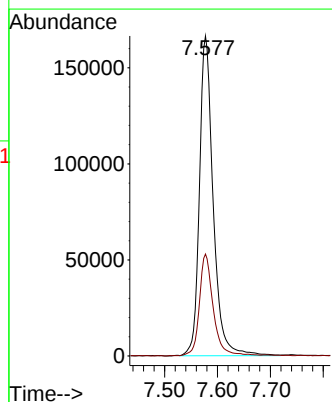
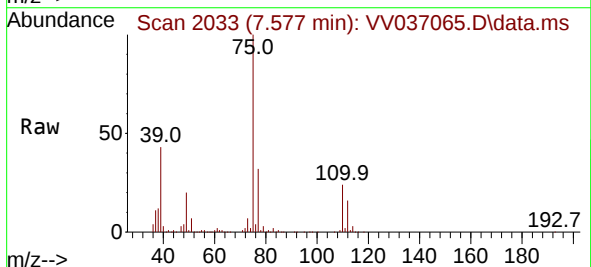
Instrument :
MSVOA_V
ClientSampleId :
E1K63MSD

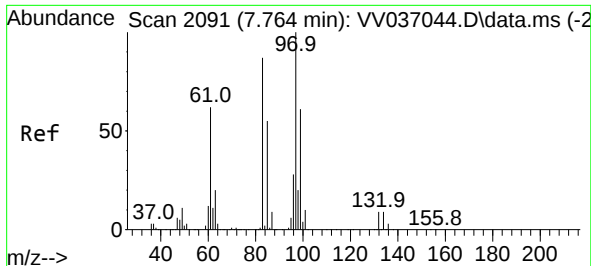
Tgt Ion: 91 Resp: 959691
Ion Ratio Lower Upper
91 100
92 58.3 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 46.809 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

Tgt Ion: 75 Resp: 300306
Ion Ratio Lower Upper
75 100
77 31.8 22.0 40.8

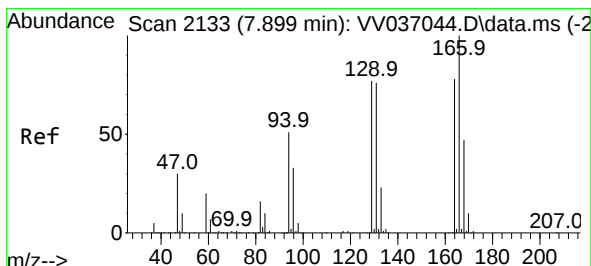
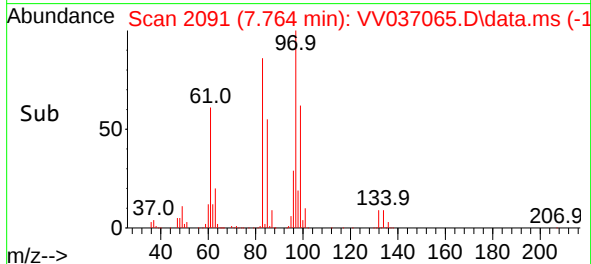
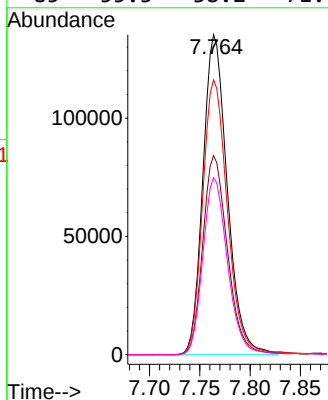
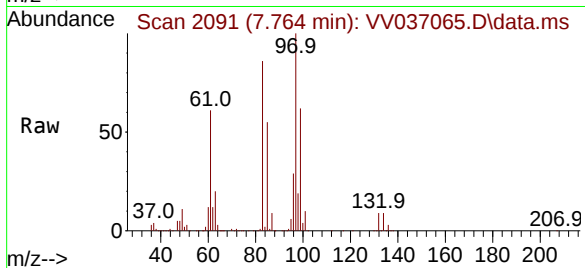




#45
1,1,2-Trichloroethane
Concen: 53.927 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

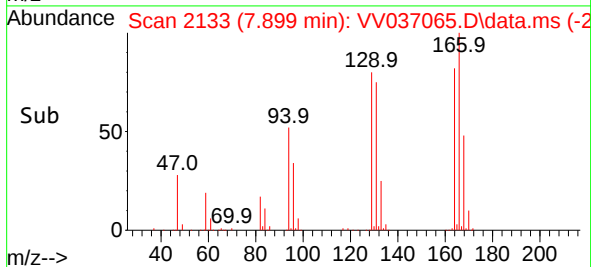
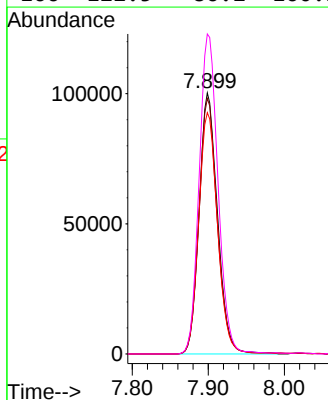
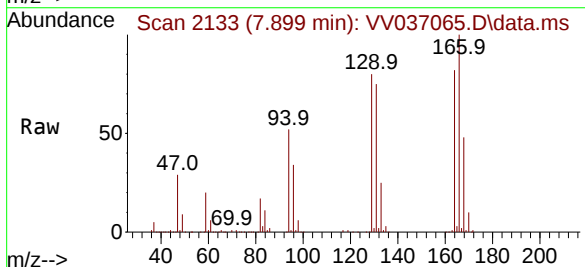
Instrument :
MSVOA_V
ClientSampleId :
E1K63MSD

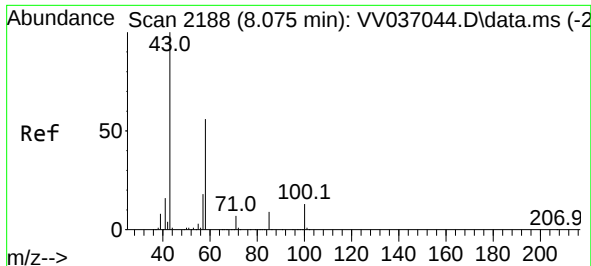
Tgt Ion:	97	Resp:	228325
Ion	Ratio	Lower	Upper
97	100		
99	62.2	42.6	79.0
83	85.9	60.5	112.3
85	55.3	38.2	71.0



#46
Tetrachloroethene
Concen: 52.275 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

Tgt Ion:	164	Resp:	167955
Ion	Ratio	Lower	Upper
164	100		
129	97.9	67.1	124.7
131	92.4	67.0	124.4
166	122.5	86.2	160.2

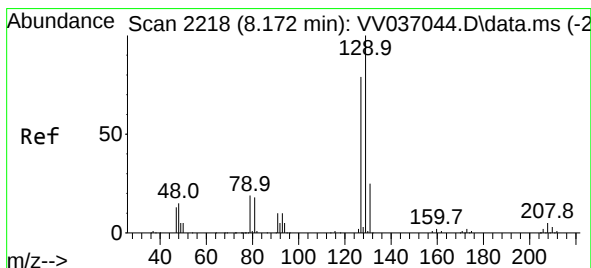
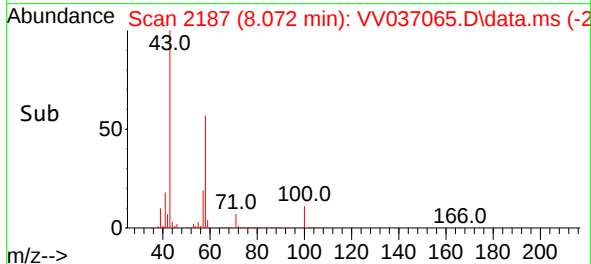
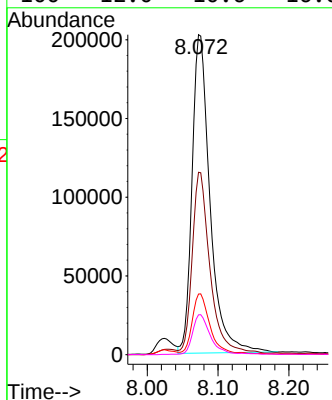
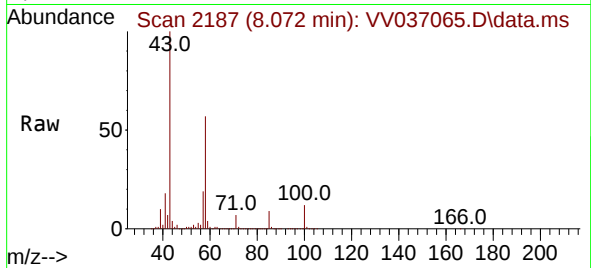




#48
2-Hexanone
Concen: 100.068 ug/L
RT: 8.072 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

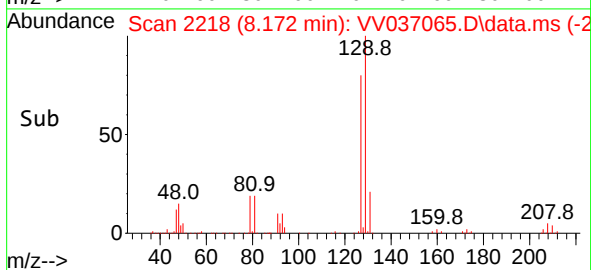
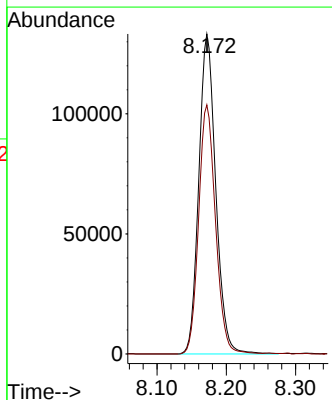
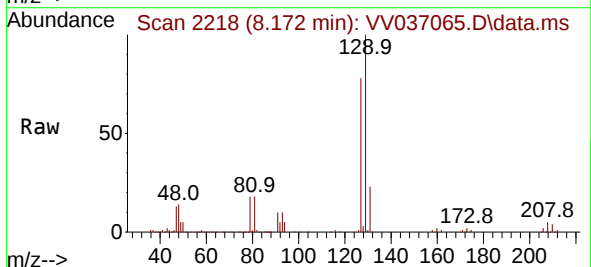
Instrument :
MSVOA_V
ClientSampleId :
E1K63MSD

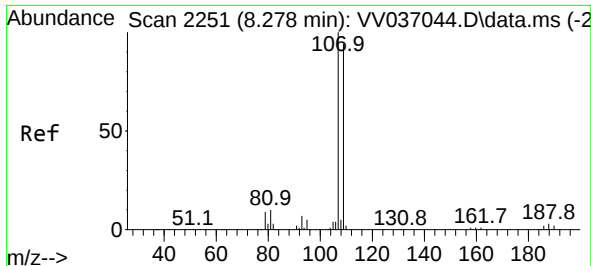
Tgt Ion: 43 Resp: 357855
Ion Ratio Lower Upper
43 100
58 56.3 46.0 69.0
57 17.5 15.6 23.4
100 12.0 10.6 16.0



#49
Dibromochloromethane
Concen: 53.459 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

Tgt Ion: 129 Resp: 226642
Ion Ratio Lower Upper
129 100
127 77.9 54.7 101.7

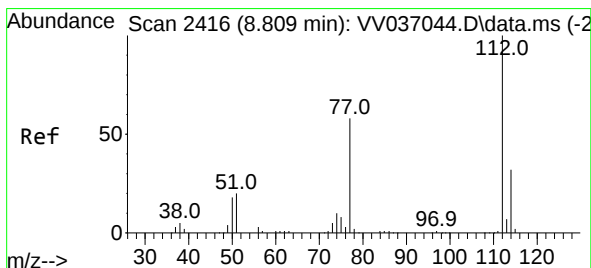
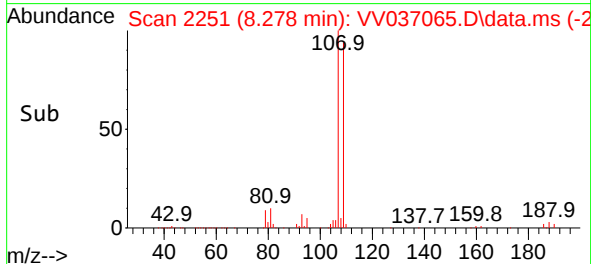
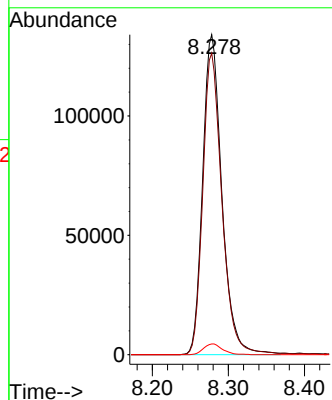
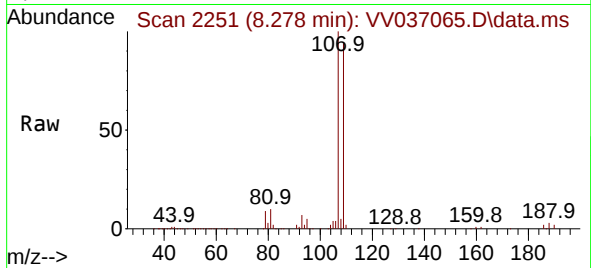




#50
1,2-Dibromoethane
Concen: 54.970 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

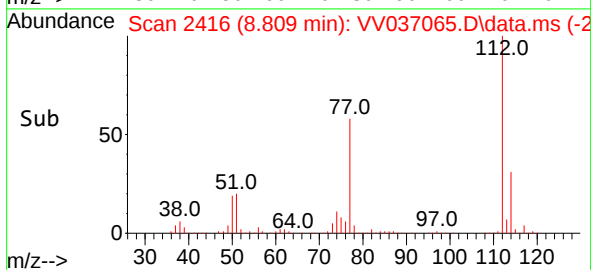
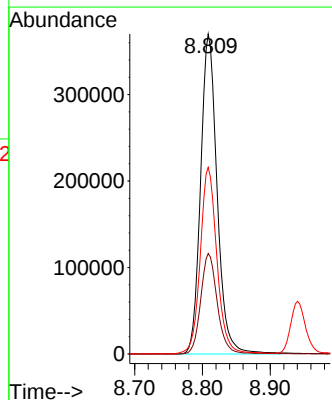
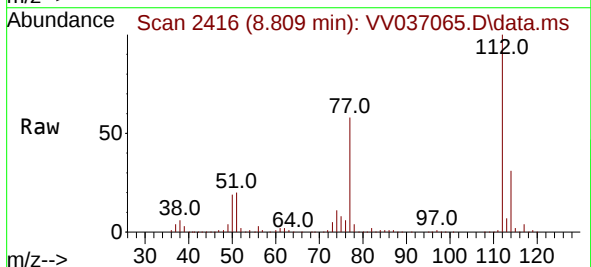
Instrument :
MSVOA_V
ClientSampleId :
E1K63MSD

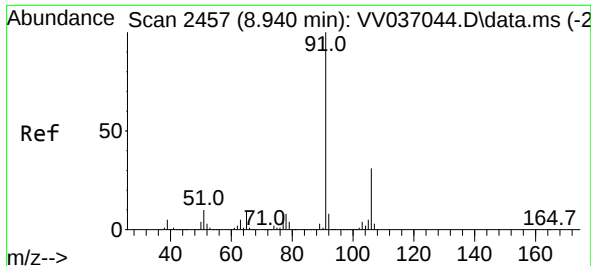
Tgt Ion:107 Resp: 235515
Ion Ratio Lower Upper
107 100
109 94.2 66.6 123.6
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 53.525 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

Tgt Ion:112 Resp: 625936
Ion Ratio Lower Upper
112 100
114 31.4 22.3 41.5
77 58.3 47.8 71.8

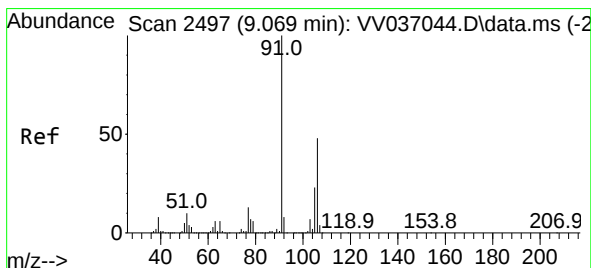
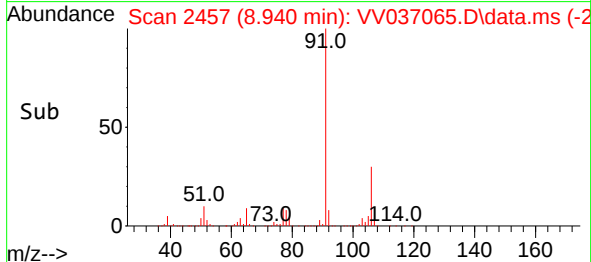
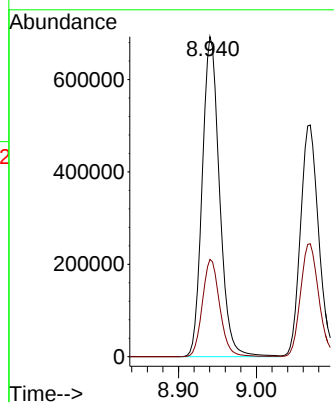
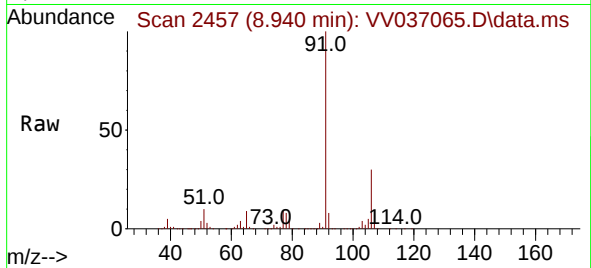




#52
Ethylbenzene
Concen: 53.611 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

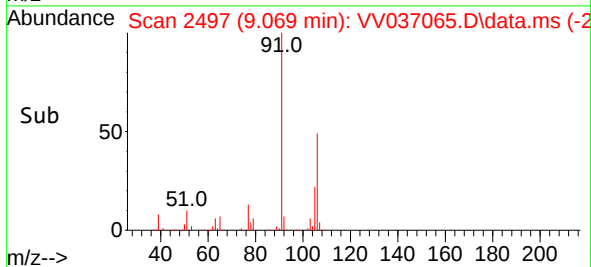
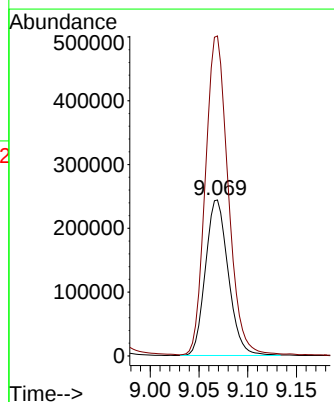
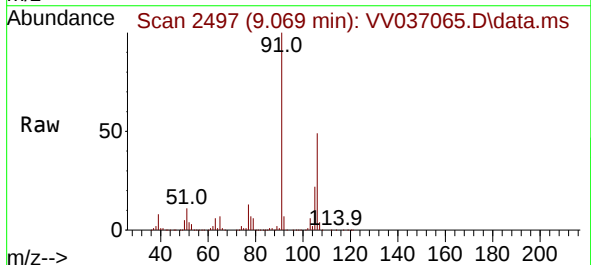
Instrument :
MSVOA_V
ClientSampleId :
E1K63MSD

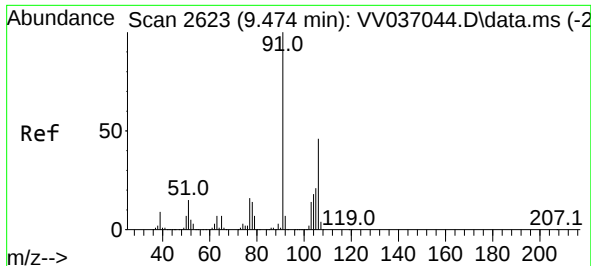
Tgt Ion: 91 Resp: 1069668
Ion Ratio Lower Upper
91 100
106 30.4 21.4 39.8



#53
m,p-Xylene
Concen: 53.826 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

Tgt Ion:106 Resp: 397910
Ion Ratio Lower Upper
106 100
91 205.1 143.0 265.6

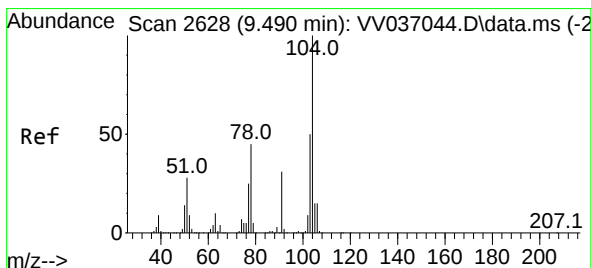
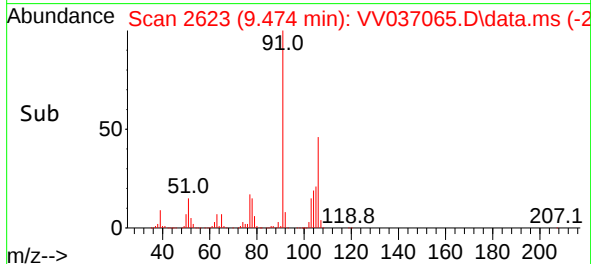
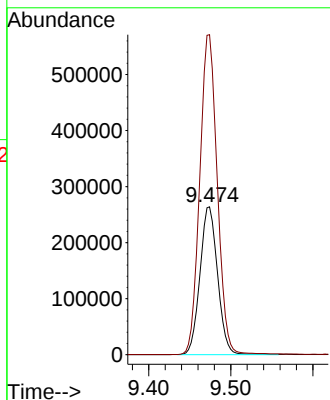
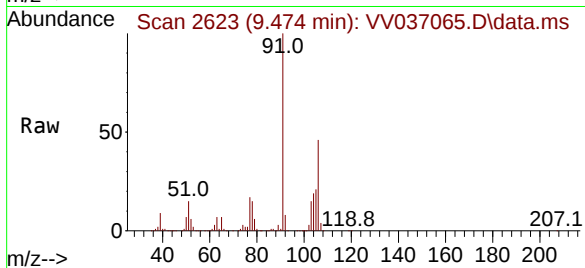




#54
o-Xylene
Concen: 54.423 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

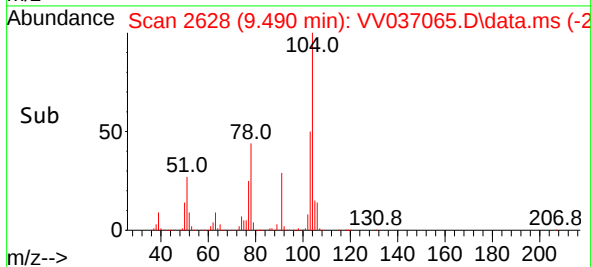
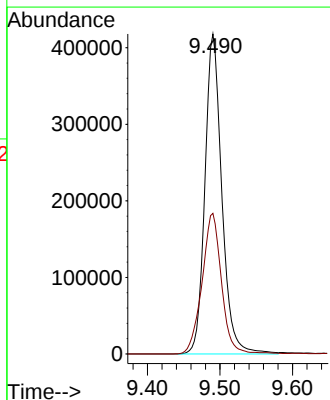
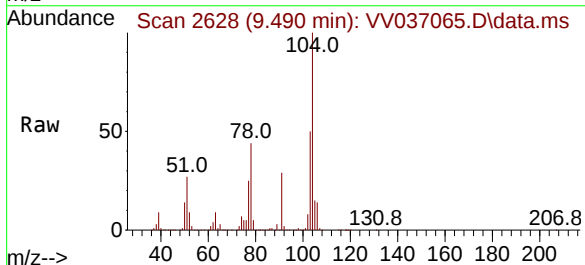
Instrument :
MSVOA_V
ClientSampleId :
E1K63MSD

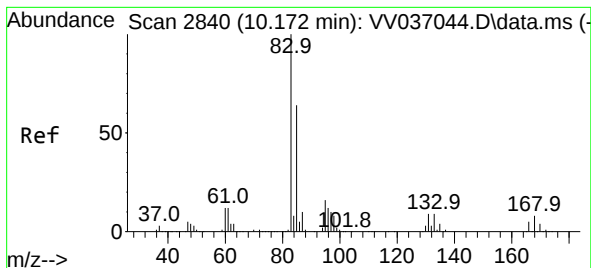
Tgt Ion:106 Resp: 393925
Ion Ratio Lower Upper
106 100
91 216.3 153.2 284.6



#55
Styrene
Concen: 54.091 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

Tgt Ion:104 Resp: 679351
Ion Ratio Lower Upper
104 100
78 44.0 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 54.904 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. -0.000 min

Lab File: VV037065.D

Acq: 27 Aug 2024 05:45

Instrument :

MSVOA_V

ClientSampleId :

E1K63MSD

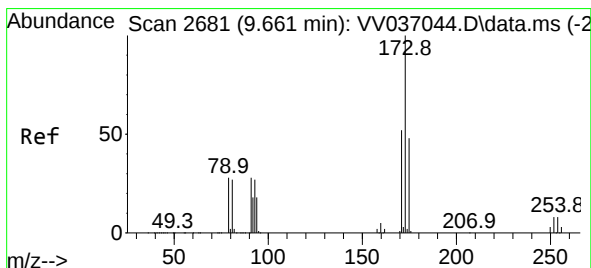
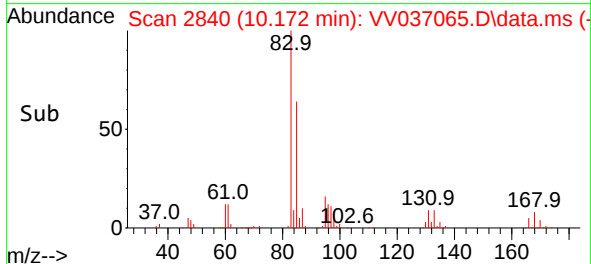
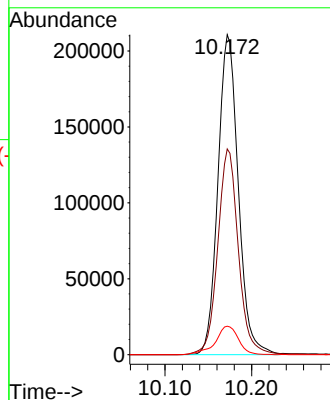
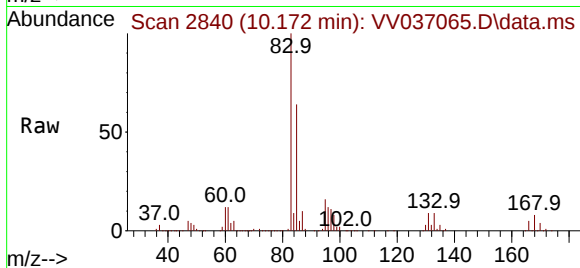
Tgt Ion: 83 Resp: 344284

Ion Ratio Lower Upper

83 100

85 64.3 45.1 83.7

131 8.9 7.4 11.0



#59

Bromoform

Concen: 51.277 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. -0.000 min

Lab File: VV037065.D

Acq: 27 Aug 2024 05:45

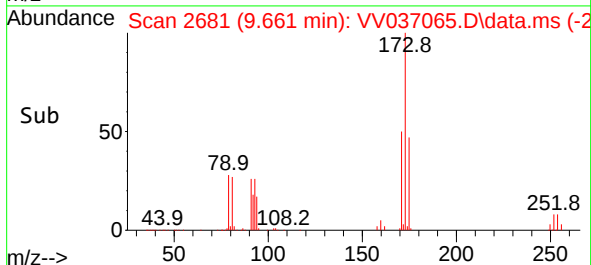
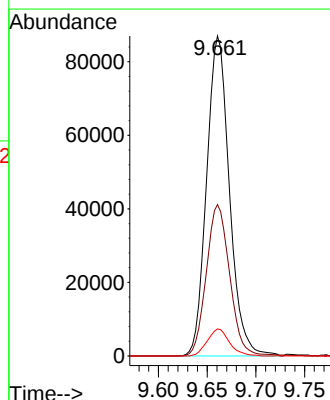
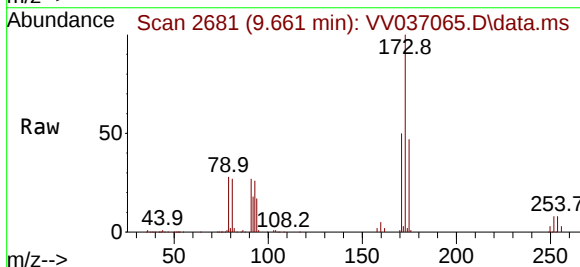
Tgt Ion: 173 Resp: 141793

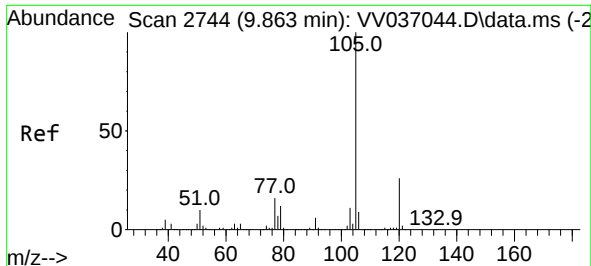
Ion Ratio Lower Upper

173 100

175 48.5 38.7 58.1

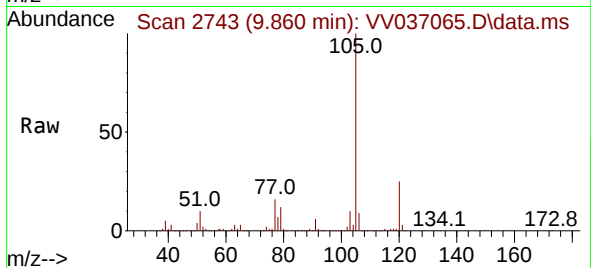
254 8.2 6.8 10.2



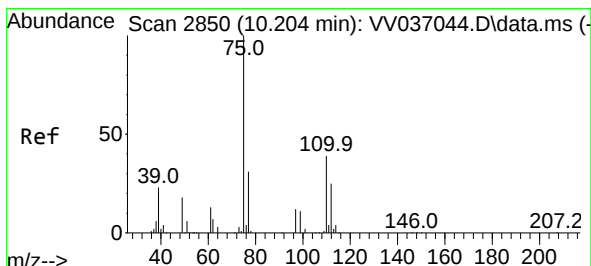
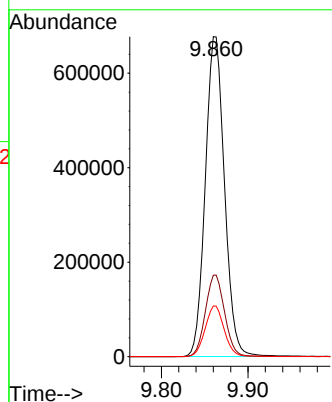
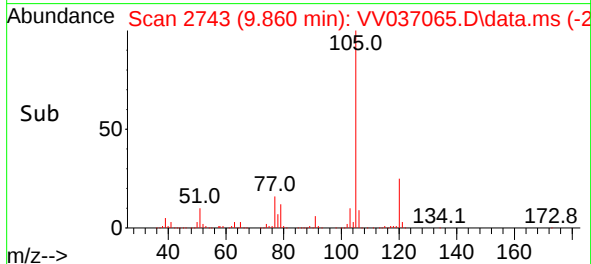


#60
Isopropylbenzene
Concen: 54.199 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

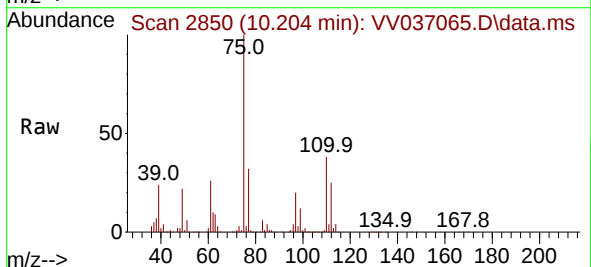
Instrument :
MSVOA_V
ClientSampleId :
E1K63MSD



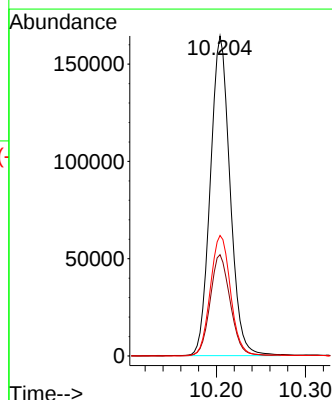
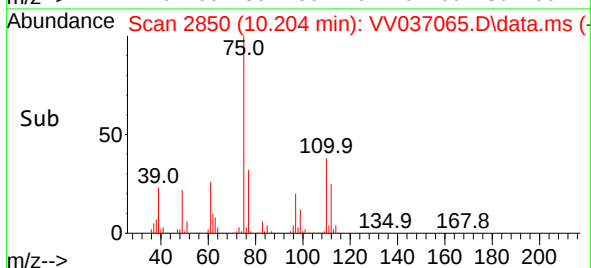
Tgt Ion:105 Resp: 1043428
Ion Ratio Lower Upper
105 100
120 25.6 20.9 31.3
77 15.8 12.6 19.0

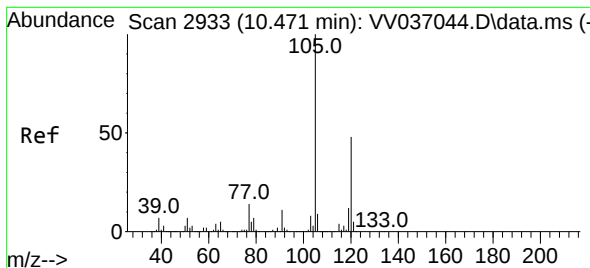


#61
1,2,3-Trichloropropane
Concen: 54.603 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45



Tgt Ion: 75 Resp: 252240
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
110 38.8 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 53.902 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV037065.D

Acq: 27 Aug 2024 05:45

Instrument :

MSVOA_V

ClientSampleId :

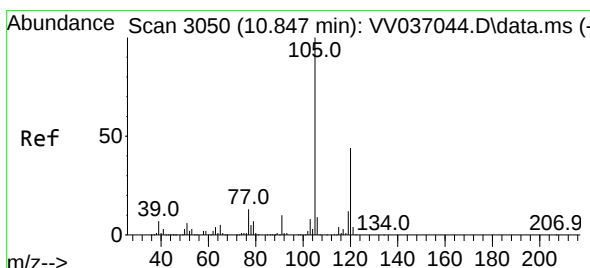
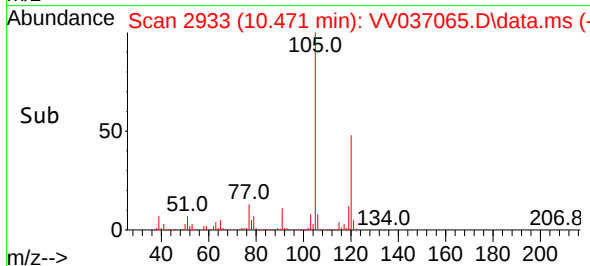
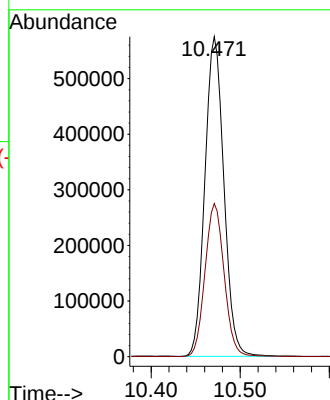
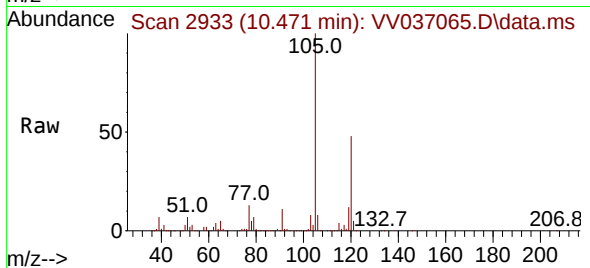
E1K63MSD

Tgt Ion:105 Resp: 849012

Ion Ratio Lower Upper

105 100

120 48.4 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 53.812 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV037065.D

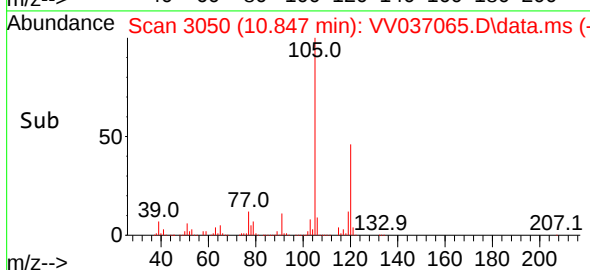
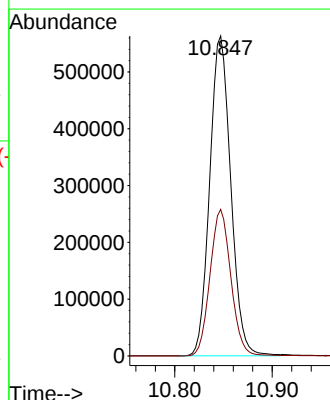
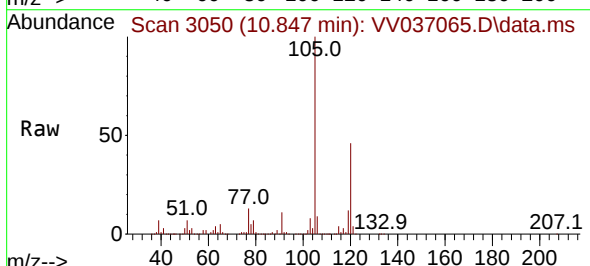
Acq: 27 Aug 2024 05:45

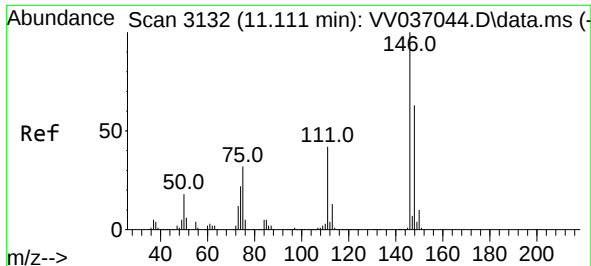
Tgt Ion:105 Resp: 845856

Ion Ratio Lower Upper

105 100

120 45.4 35.8 53.6

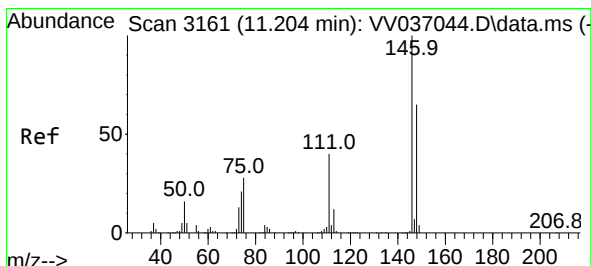
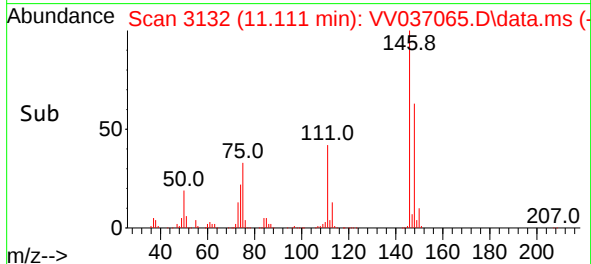
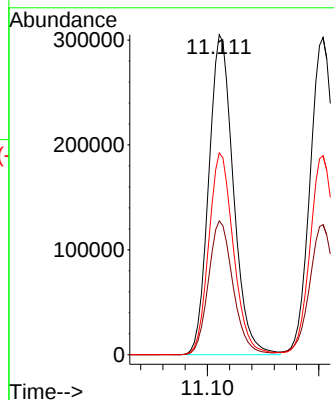
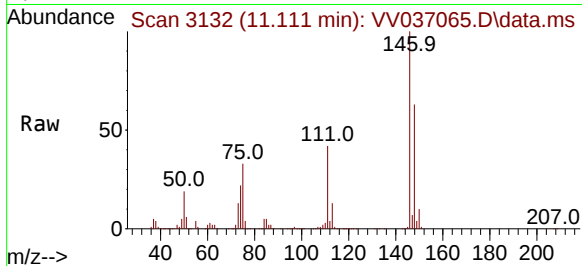




#64
1,3-Dichlorobenzene
Concen: 52.733 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

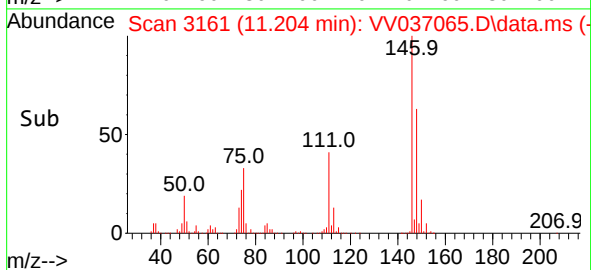
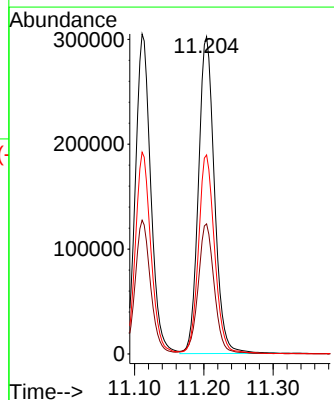
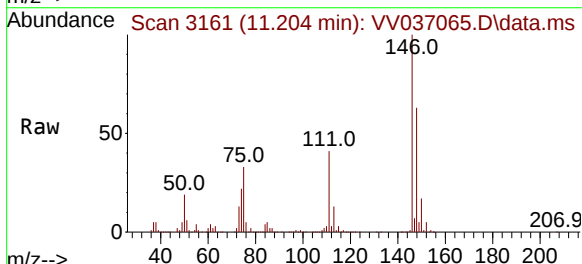
Instrument :
MSVOA_V
ClientSampleId :
E1K63MSD

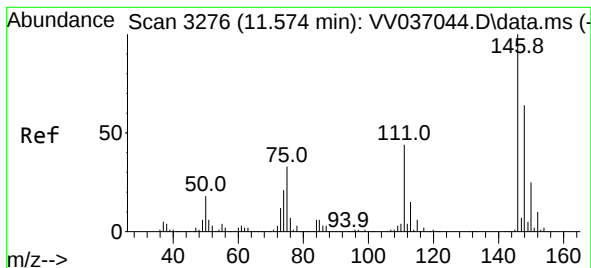
Tgt Ion:146 Resp: 468786
Ion Ratio Lower Upper
146 100
111 41.8 29.7 55.1
148 63.0 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 53.387 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV037065.D
Acq: 27 Aug 2024 05:45

Tgt Ion:146 Resp: 485746
Ion Ratio Lower Upper
146 100
111 41.0 28.1 52.1
148 62.7 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 53.777 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037065.D

Acq: 27 Aug 2024 05:45

Instrument :

MSVOA_V

ClientSampleId :

E1K63MSD

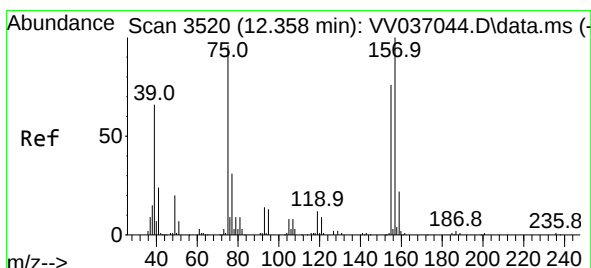
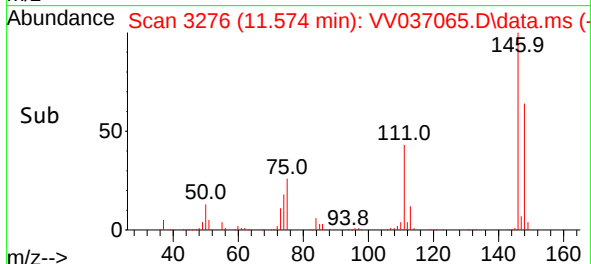
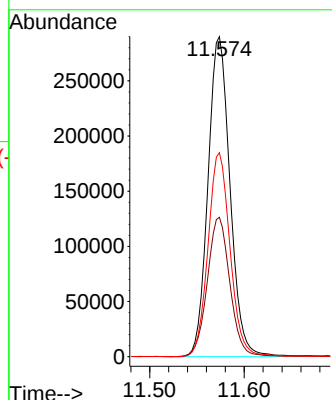
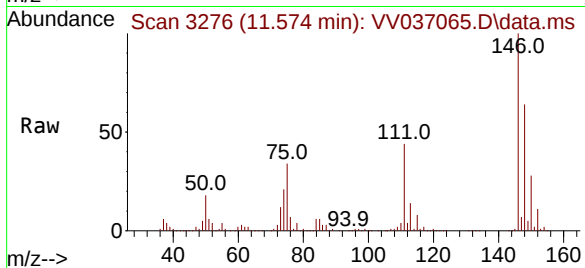
Tgt Ion:146 Resp: 470063

Ion Ratio Lower Upper

146 100

111 43.5 34.6 51.8

148 63.7 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 51.689 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV037065.D

Acq: 27 Aug 2024 05:45

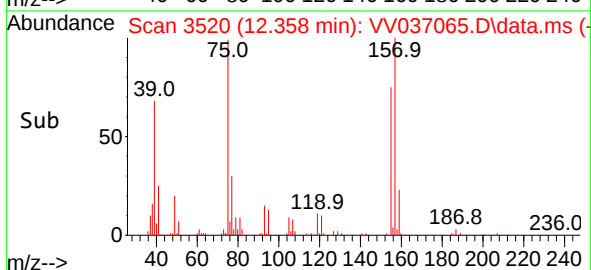
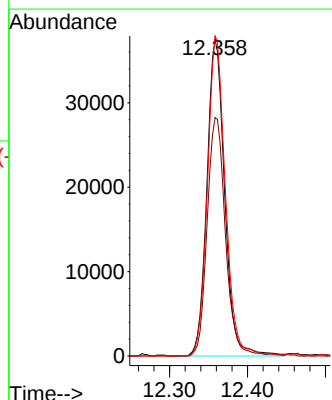
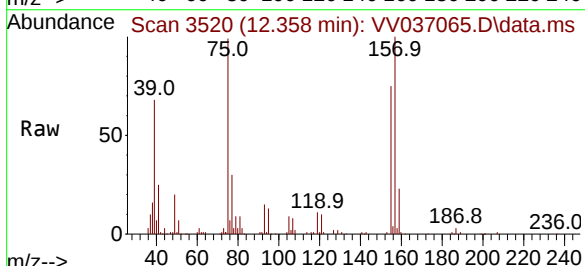
Tgt Ion: 75 Resp: 59549

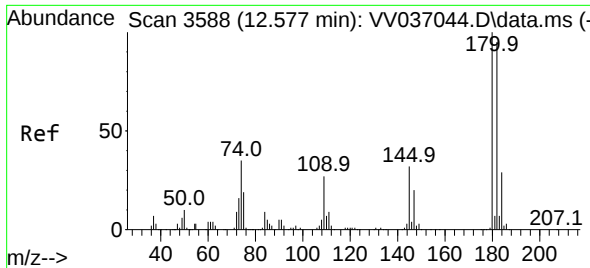
Ion Ratio Lower Upper

75 100

155 75.3 61.8 92.6

157 101.0 82.5 123.7

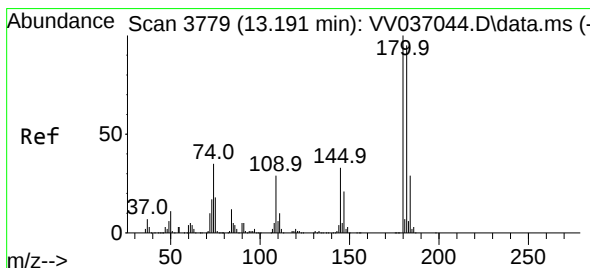
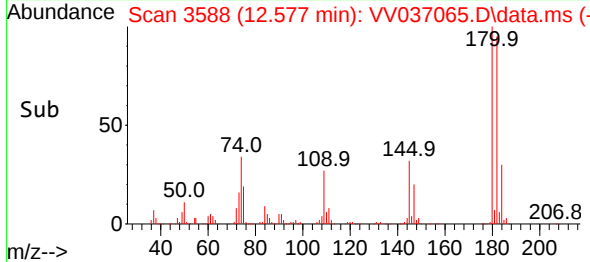
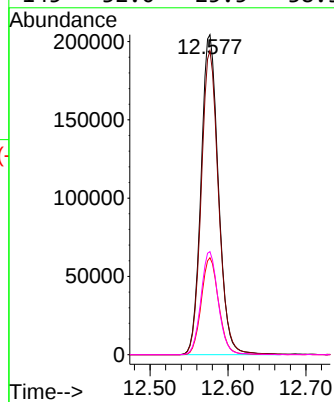
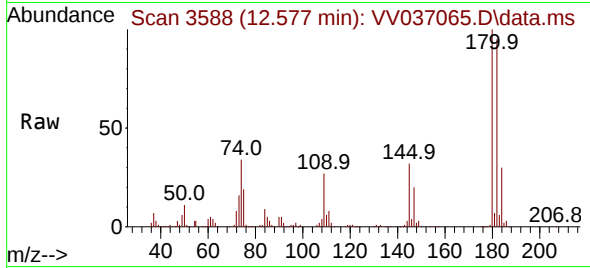




#69
 1,3,5-Trichlorobenzene
 Concen: 51.182 ug/L
 RT: 12.577 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV037065.D
 Acq: 27 Aug 2024 05:45

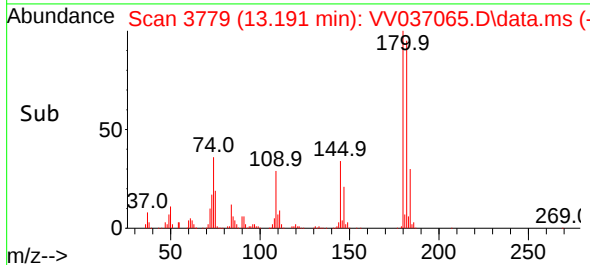
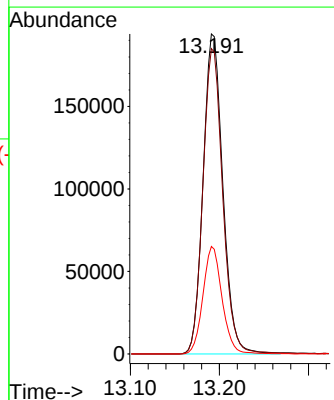
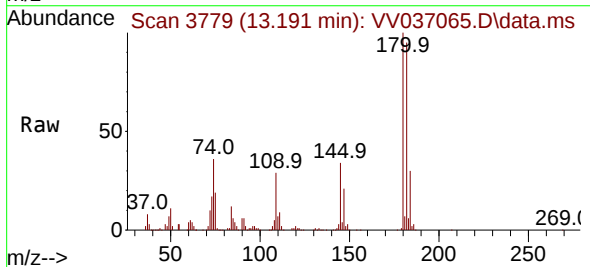
Instrument :
 MSVOA_V
 ClientSampleId :
 E1K63MSD

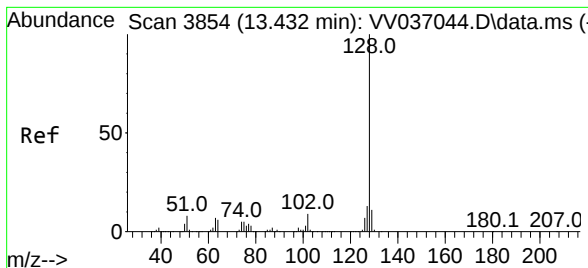
Tgt Ion:180	Resp:	316592
Ion Ratio	Lower	Upper
180	100	
182	94.3	76.7 115.1
184	30.3	24.2 36.2
145	32.0	25.5 38.3



#70
 1,2,4-trichlorobenzene
 Concen: 51.158 ug/L
 RT: 13.191 min Scan# 3779
 Delta R.T. -0.000 min
 Lab File: VV037065.D
 Acq: 27 Aug 2024 05:45

Tgt Ion:180	Resp:	297973
Ion Ratio	Lower	Upper
180	100	
182	95.3	75.7 113.5
145	32.6	26.0 39.0





#71

Naphthalene

Concen: 56.146 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037065.D

Acq: 27 Aug 2024 05:45

Instrument :

MSVOA_V

ClientSampleId :

E1K63MSD

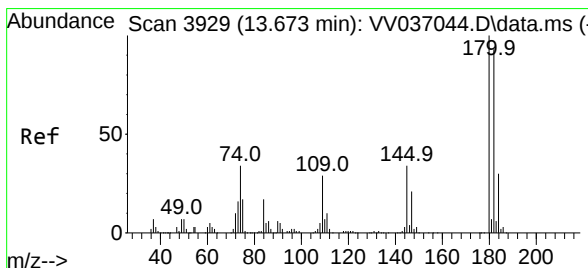
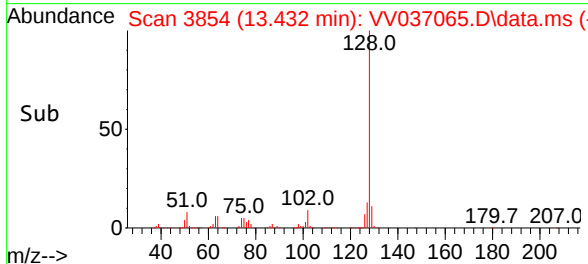
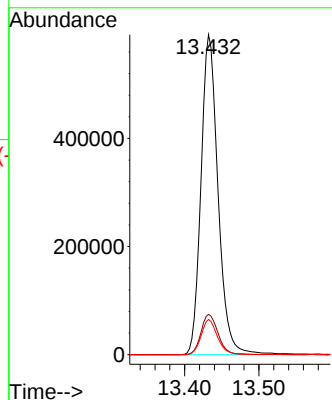
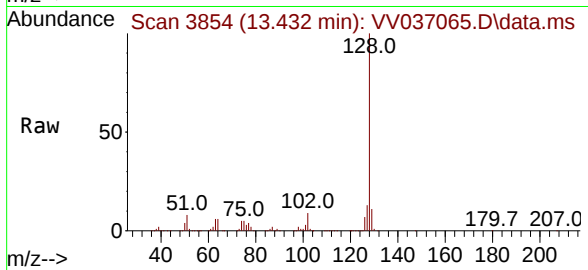
Tgt Ion:128 Resp: 944320

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.6 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 53.039 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037065.D

Acq: 27 Aug 2024 05:45

Tgt Ion:180 Resp: 304442

Ion Ratio Lower Upper

180 100

182 94.1 75.1 112.7

145 35.0 27.0 40.4

