

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037117.D
 Acq On : 28 Aug 2024 03:04
 Operator : SY/MD
 Sample : P3693-13MSD
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K73MSD

Quant Time: Aug 28 06:17:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 05:52:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	605574	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	582470	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	289721	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	265068	47.850	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.700%
7) Chloroethane-d5	1.529	69	195817	45.738	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.480%
11) 1,1-Dichloroethene-d2	2.056	65	107487	46.166	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.340%
21) 2-Butanone-d5	3.796	46	237650	110.783	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.780%
24) Chloroform-d	4.243	84	443890	51.199	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	4.937	65	271575	49.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.480%
32) Benzene-d6	4.953	84	844614	48.009	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.020%
36) 1,2-Dichloropropane-d6	5.986	67	269718	48.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.900%
41) Toluene-d8	7.236	98	772683	48.665	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.320%
43) trans-1,3-Dichloroprop...	7.551	79	111722	43.824	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.640%
47) 2-Hexanone-d5	8.024	63	172680	114.824	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.820%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	350853	52.500	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	284923	49.103	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	260474	50.900	ug/L	100
3) Chloromethane	1.217	50	266306	46.273	ug/L	100
5) Vinyl chloride	1.282	62	2459906	455.311	ug/L	100
6) Bromomethane	1.484	94	144026	47.575	ug/L	99
8) Chloroethane	1.548	64	176468	53.400	ug/L	98
9) Trichlorofluoromethane	1.712	101	373054	52.912	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	217003	51.747	ug/L	99
12) 1,1-Dichloroethene	2.069	96	209616	53.056	ug/L	95
13) Acetone	2.111	43	170770	74.226	ug/L	97
14) Carbon disulfide	2.237	76	617314	51.469	ug/L	100
15) Methyl Acetate	2.372	43	146591	38.006	ug/L	99
16) Methylene chloride	2.442	84	238216	53.441	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	219098	53.420	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	714643	55.390	ug/L	100
19) 1,1-Dichloroethane	3.105	63	442791	54.363	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	255865	56.456	ug/L	96
22) 2-Butanone	3.876	43	251270	99.196	ug/L	98
23) Bromochloromethane	4.140	128	119739	53.822	ug/L	96
25) Chloroform	4.272	83	428863	51.990	ug/L	98

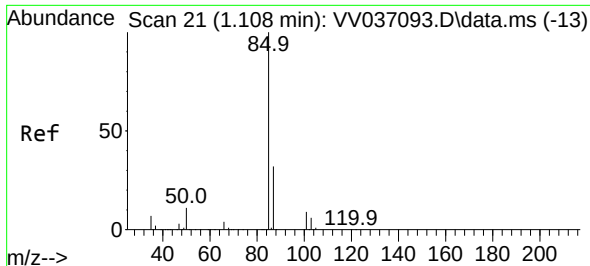
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	326468	53.953	ug/L	99
29) Cyclohexane	4.571	56	362252	52.895	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	358831	53.540	ug/L	100
31) Carbon tetrachloride	4.725	117	300769	53.184	ug/L	97
33) Benzene	5.002	78	913401	54.338	ug/L	100
34) Trichloroethene	5.828	95	240063	54.107	ug/L	98
35) Methylcyclohexane	6.043	83	367486	50.979	ug/L	99
37) 1,2-Dichloropropane	6.088	63	242086	53.719	ug/L	100
38) Bromodichloromethane	6.429	83	311419	53.916	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	351202	49.384	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	532631	116.256	ug/L	100
42) Toluene	7.310	91	962208	54.977	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	309437	48.679	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	229765	54.770	ug/L	99
46) Tetrachloroethene	7.899	164	163501	51.360	ug/L	95
48) 2-Hexanone	8.072	43	372630	105.166	ug/L	98
49) Dibromochloromethane	8.172	129	223129	53.118	ug/L	100
50) 1,2-Dibromoethane	8.278	107	234389	55.215	ug/L	99
51) Chlorobenzene	8.809	112	611507	52.776	ug/L	100
52) Ethylbenzene	8.940	91	1069296	54.089	ug/L	100
53) m,p-Xylene	9.069	106	396137	54.083	ug/L	100
54) o-Xylene	9.474	106	388259	54.138	ug/L	99
55) Styrene	9.490	104	676483	54.362	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	347837	55.985	ug/L	100
59) Bromoform	9.661	173	144403	53.526	ug/L	100
60) Isopropylbenzene	9.860	105	1052400	56.031	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	257195	57.067	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	845824	55.042	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	852982	55.621	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	466833	53.826	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	481752	54.271	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	461337	54.098	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	63923	56.873	ug/L	99
69) 1,3,5-Trichlorobenzene	12.577	180	314779	52.161	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	299455	52.697	ug/L	99
71) Naphthalene	13.432	128	971168	59.185	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	298021	53.218	ug/L	98

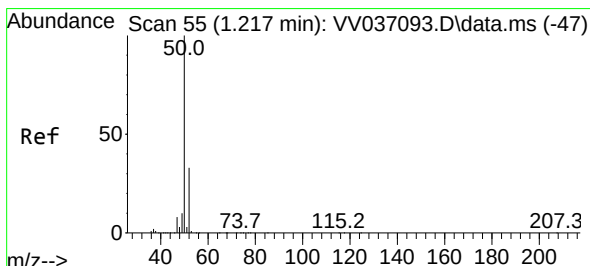
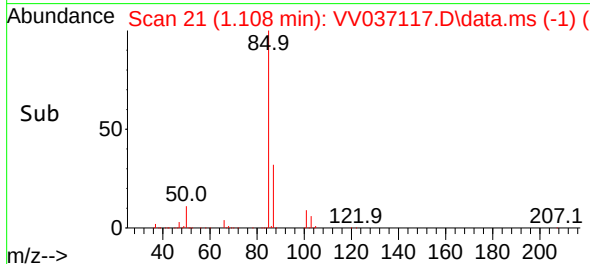
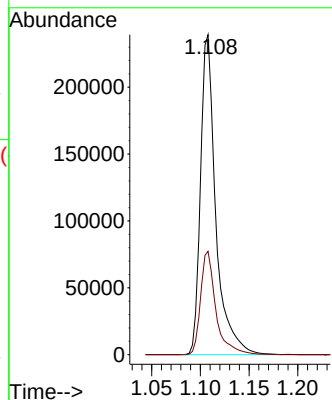
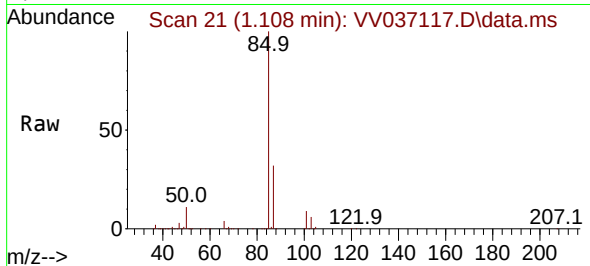
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 50.900 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037117.D
 Acq: 28 Aug 2024 03:04

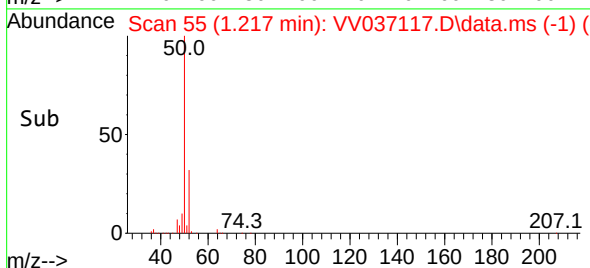
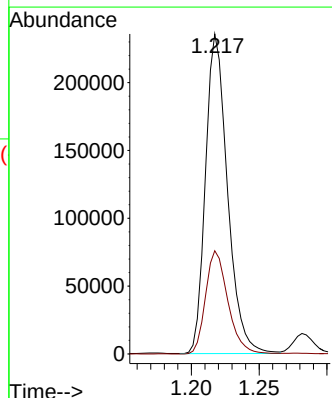
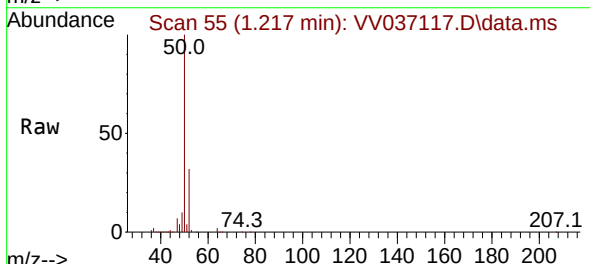
Instrument :
 MSVOA_V
 ClientSampleId :
 E1K73MSD

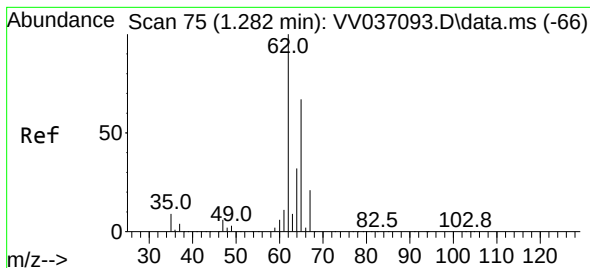
Tgt Ion: 85 Resp: 260474
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9



#3
 Chloromethane
 Concen: 46.273 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037117.D
 Acq: 28 Aug 2024 03:04

Tgt Ion: 50 Resp: 266306
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.5 41.9





#5

Vinyl chloride

Concen: 455.311 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

Instrument :

MSVOA_V

ClientSampleId :

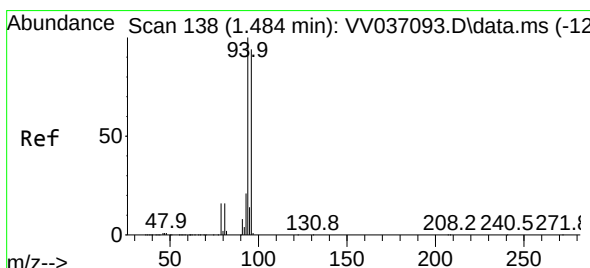
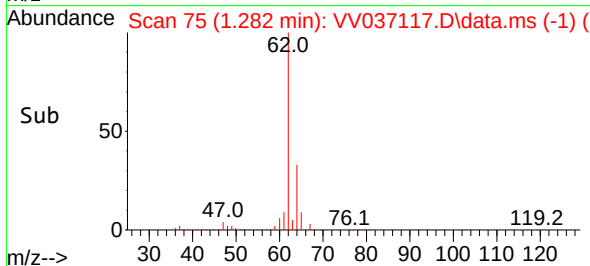
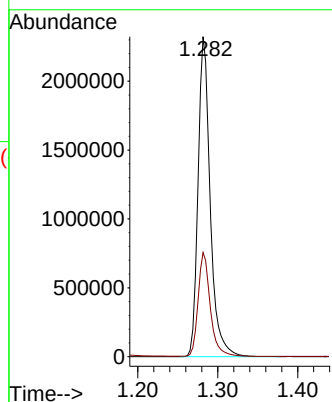
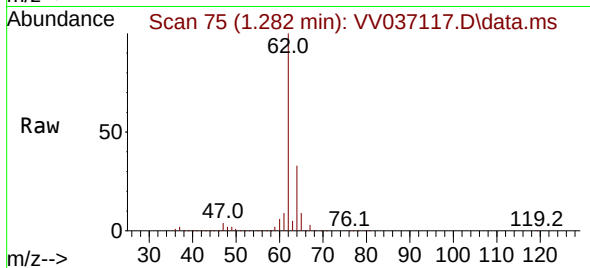
E1K73MSD

Tgt Ion: 62 Resp: 2459906

Ion Ratio Lower Upper

62 100

64 32.5 22.8 42.4



#6

Bromomethane

Concen: 47.575 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV037117.D

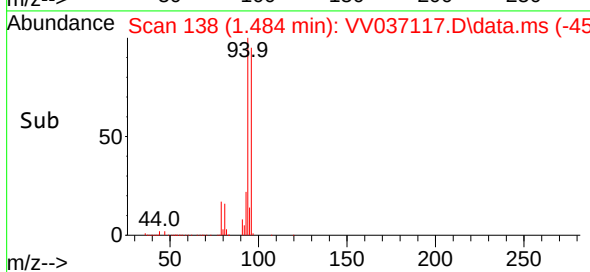
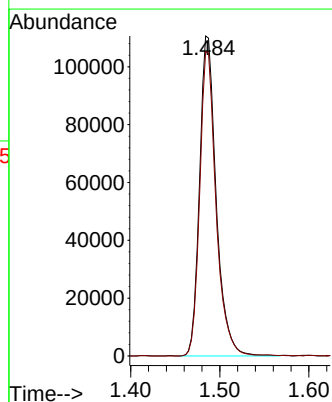
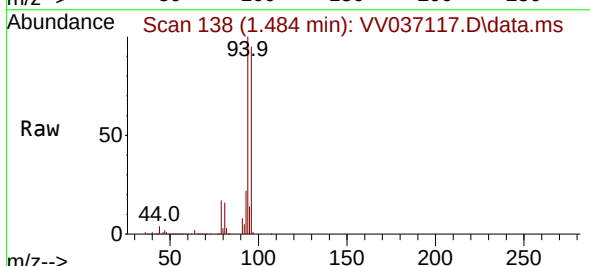
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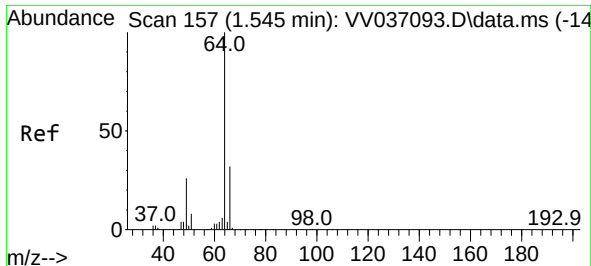
Tgt Ion: 94 Resp: 144026

Ion Ratio Lower Upper

94 100

96 95.0 65.6 121.8

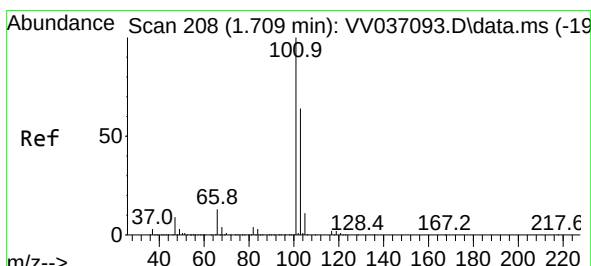
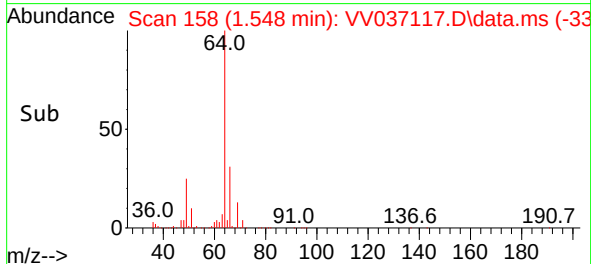
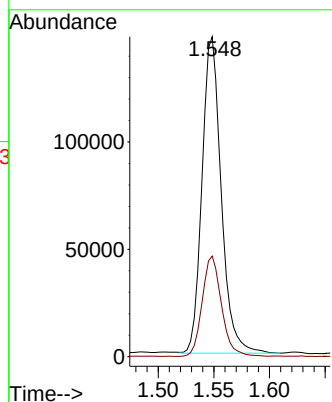
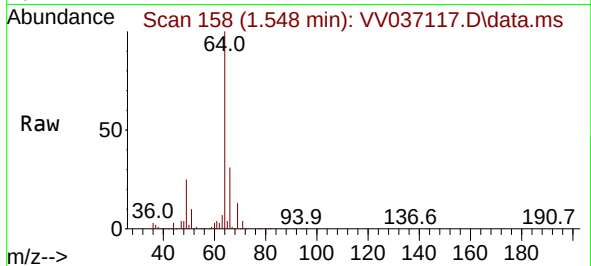




#8
Chloroethane
Concen: 53.400 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

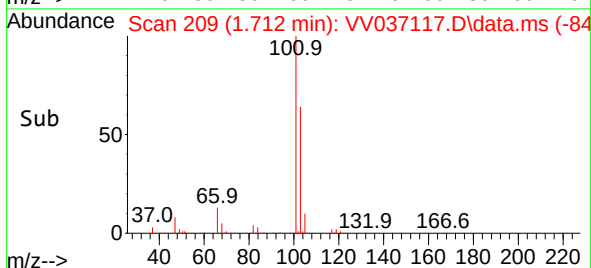
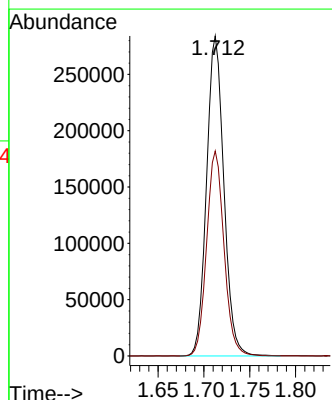
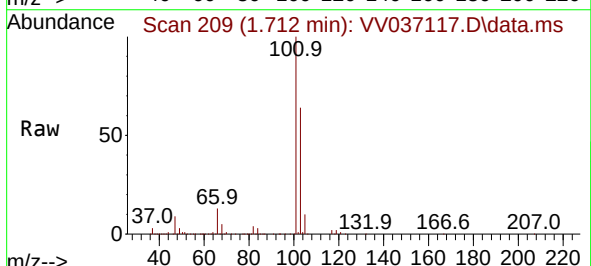
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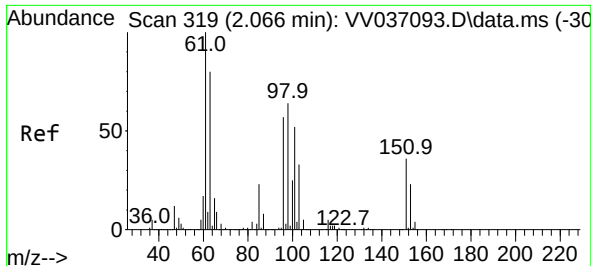
Tgt Ion: 64 Resp: 176468
Ion Ratio Lower Upper
64 100
66 31.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 52.912 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.003 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

Tgt Ion:101 Resp: 373054
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5

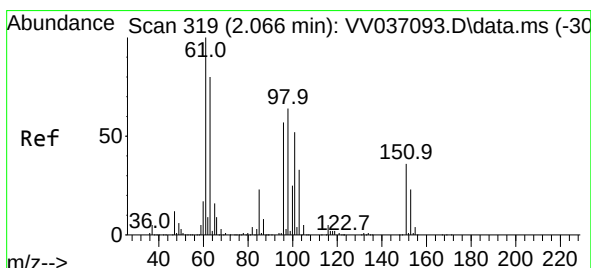
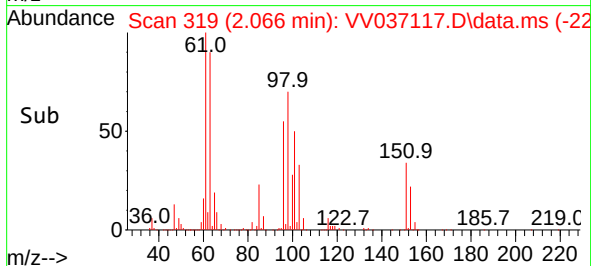
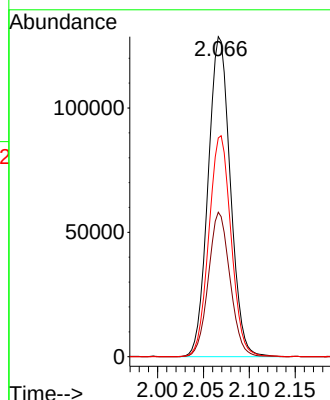
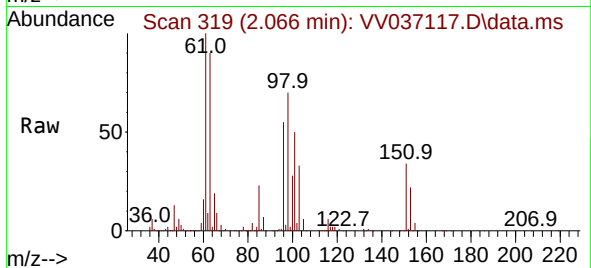




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.747 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

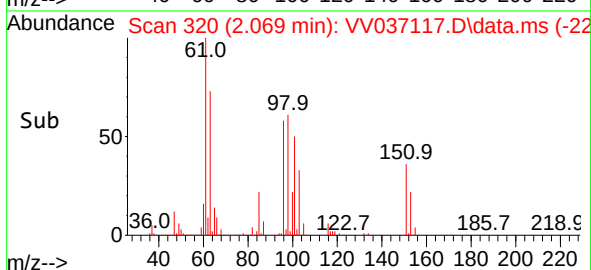
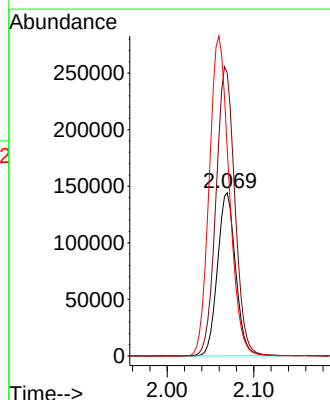
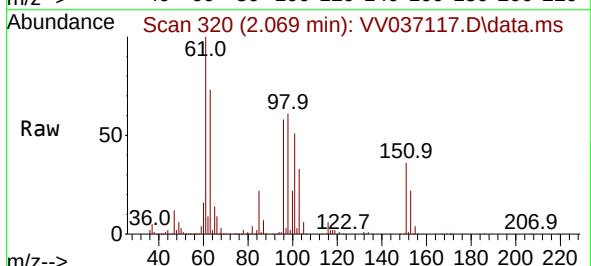
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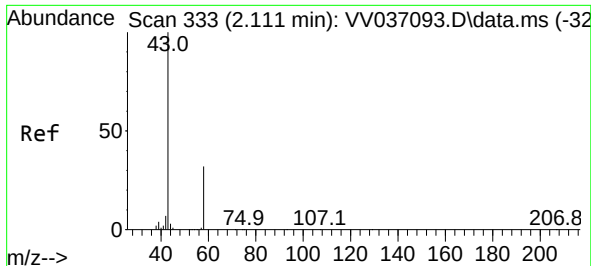
Tgt Ion:101 Resp: 217003
Ion Ratio Lower Upper
101 100
85 44.0 35.6 53.4
151 69.2 55.0 82.4



#12
1,1-Dichloroethene
Concen: 53.056 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.003 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

Tgt Ion: 96 Resp: 209616
Ion Ratio Lower Upper
96 100
61 173.5 123.8 229.8
63 126.6 96.5 179.1





#13

Acetone

Concen: 74.226 ug/L

RT: 2.111 min Scan# 311

Delta R.T. 0.000 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

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MSVOA_V

ClientSampleId :

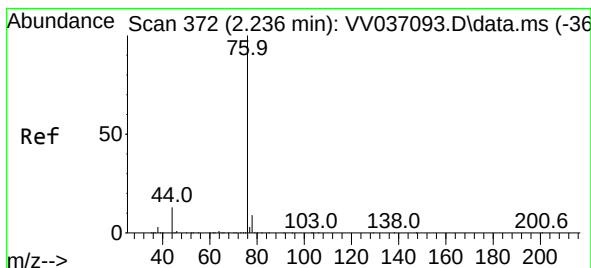
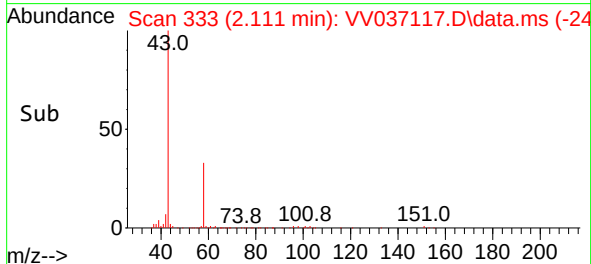
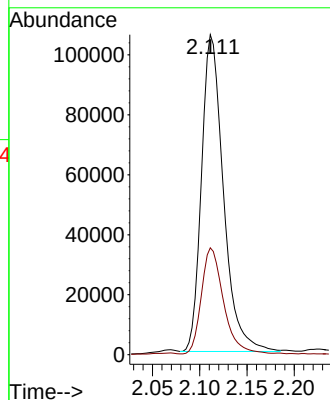
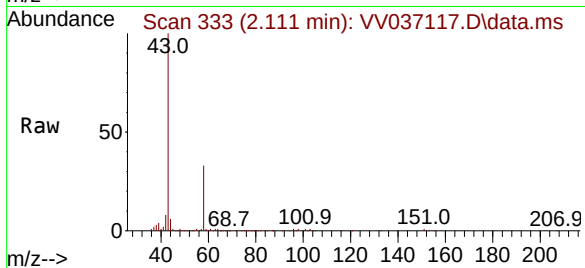
E1K73MSD

Tgt Ion: 43 Resp: 170770

Ion Ratio Lower Upper

43 100

58 34.2 0.0 64.8



#14

Carbon disulfide

Concen: 51.469 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV037117.D

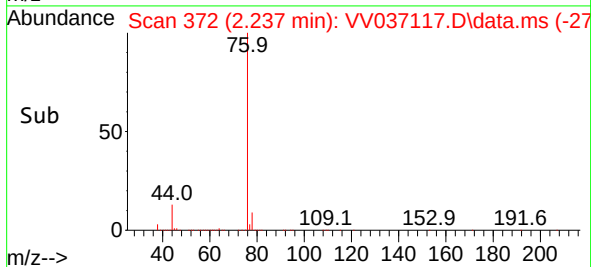
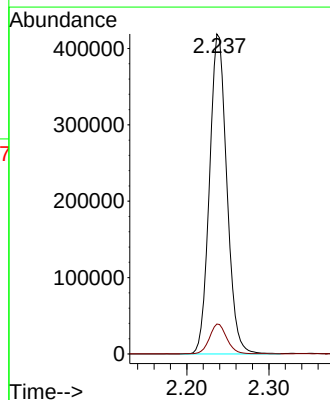
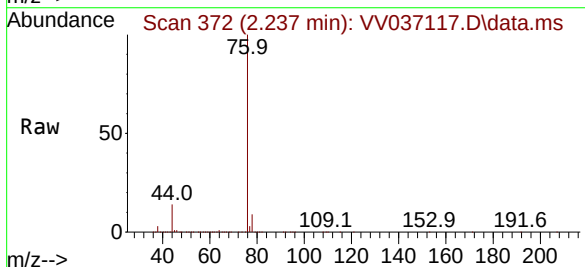
Acq: 28 Aug 2024 03:04

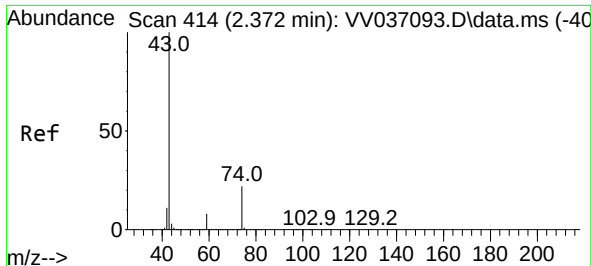
Tgt Ion: 76 Resp: 617314

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

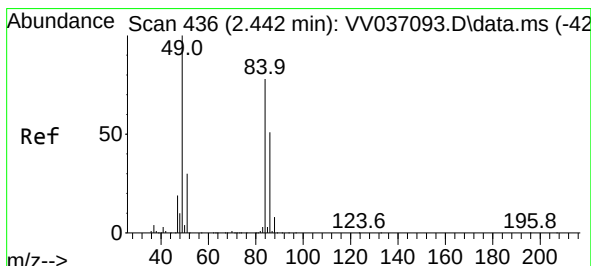
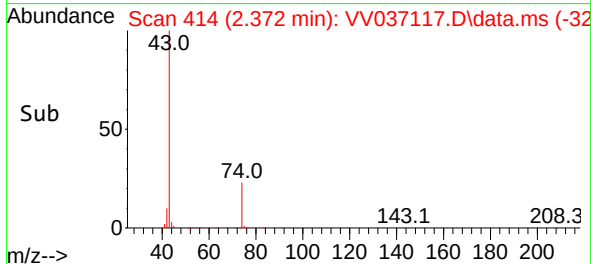
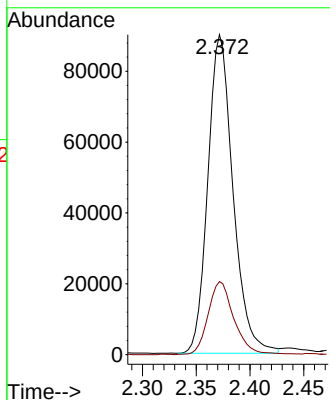
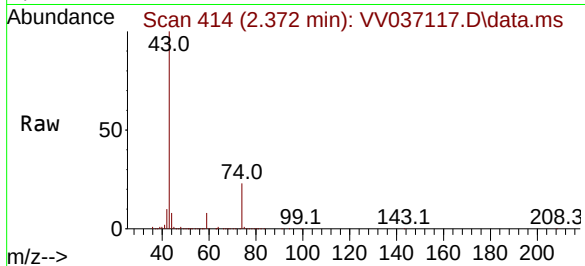




#15
Methyl Acetate
Concen: 38.006 ug/L
RT: 2.372 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

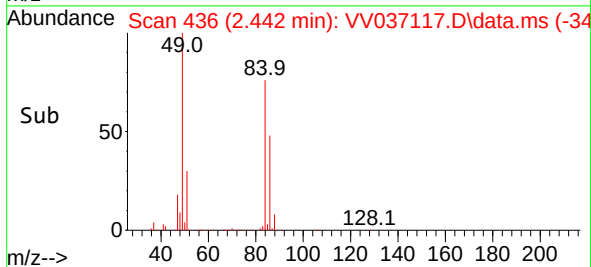
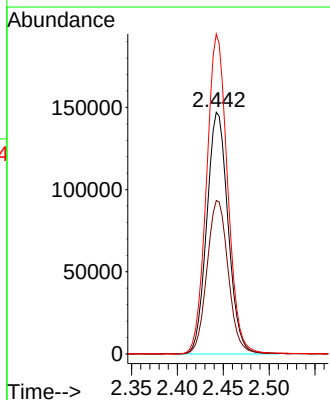
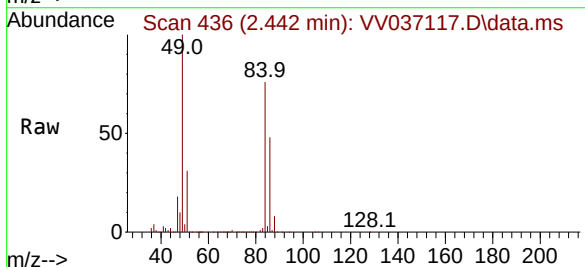
Instrument :
MSVOA_V
ClientSampleId :
E1K73MSD

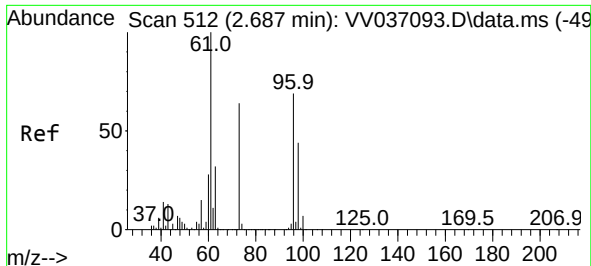
Tgt Ion: 43 Resp: 146591
Ion Ratio Lower Upper
43 100
74 23.7 18.4 27.6



#16
Methylene chloride
Concen: 53.441 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

Tgt Ion: 84 Resp: 238216
Ion Ratio Lower Upper
84 100
86 63.5 44.7 82.9
49 132.3 91.4 169.8

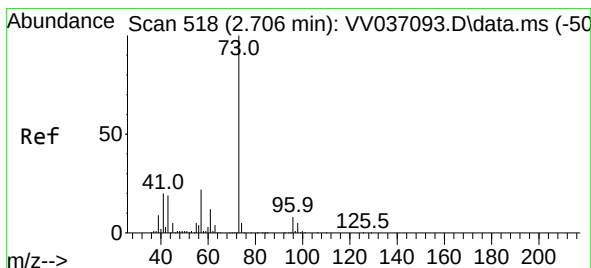
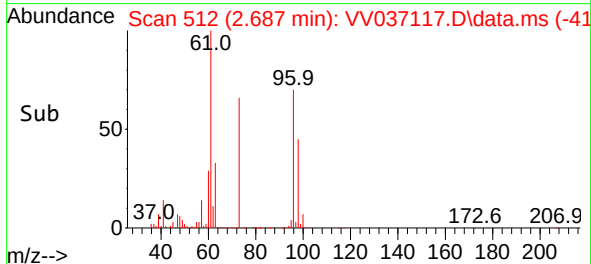
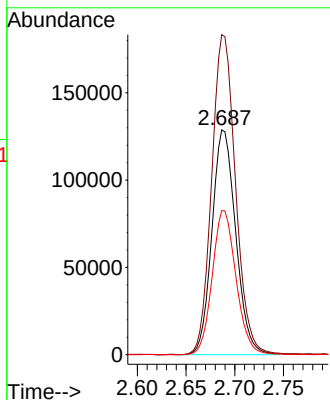
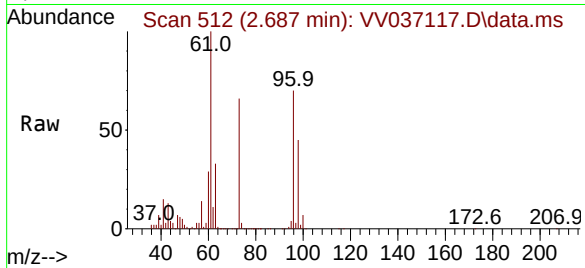




#17
trans-1,2-Dichloroethene
Concen: 53.420 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

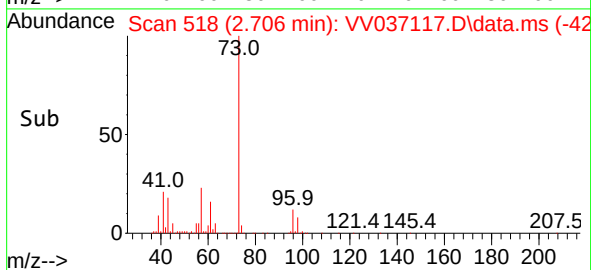
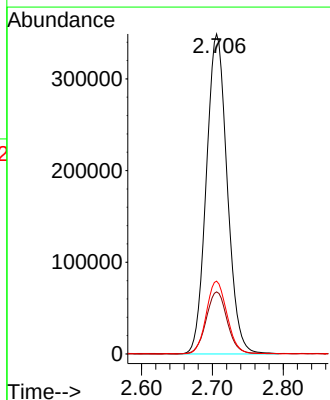
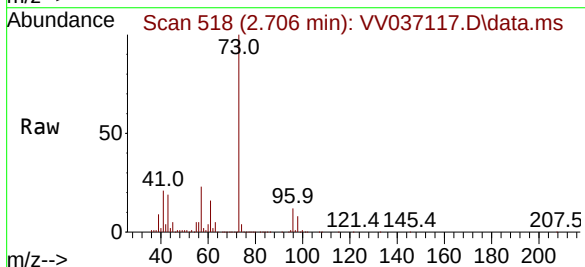
Instrument :
MSVOA_V
ClientSampleId :
E1K73MSD

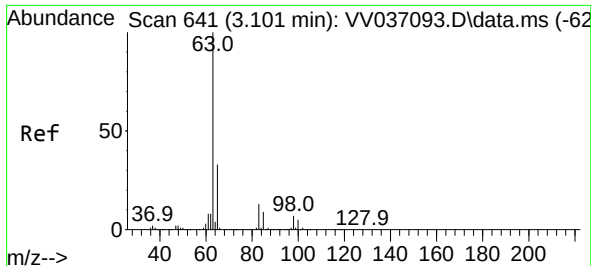
Tgt Ion: 96 Resp: 219098
Ion Ratio Lower Upper
96 100
61 142.3 102.3 189.9
98 64.1 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 55.390 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

Tgt Ion: 73 Resp: 714643
Ion Ratio Lower Upper
73 100
43 19.5 15.8 23.6
57 22.6 18.1 27.1

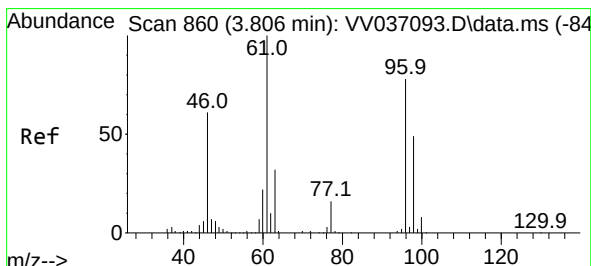
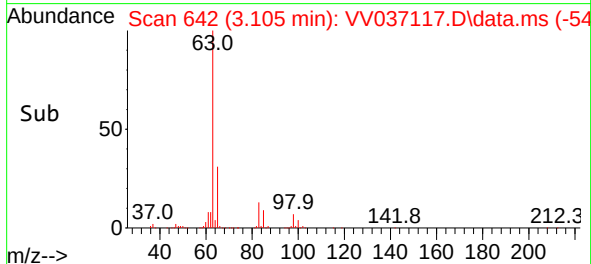
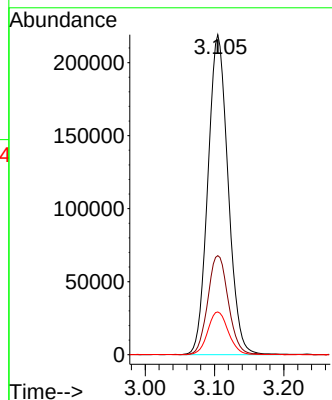
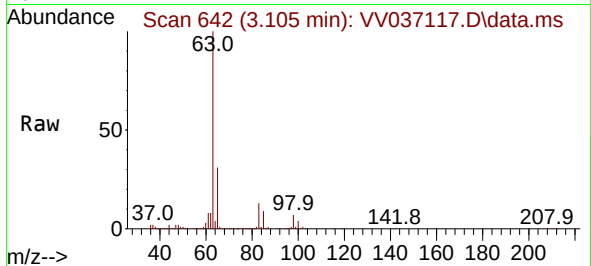




#19
1,1-Dichloroethane
Concen: 54.363 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

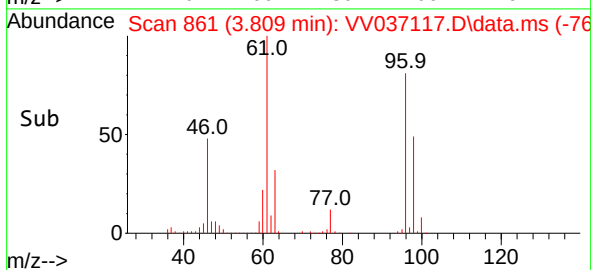
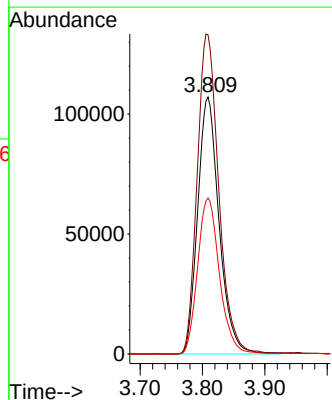
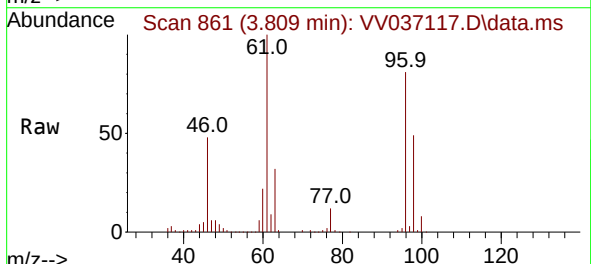
Instrument :
MSVOA_V
ClientSampleId :
E1K73MSD

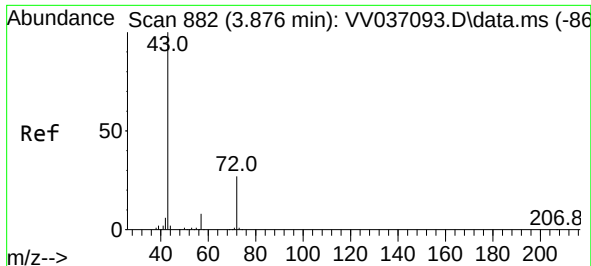
Tgt Ion: 63 Resp: 442791
Ion Ratio Lower Upper
63 100
65 31.0 22.0 41.0
83 13.4 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 56.456 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

Tgt Ion: 96 Resp: 255865
Ion Ratio Lower Upper
96 100
61 124.2 89.9 166.9
98 60.7 44.8 83.2

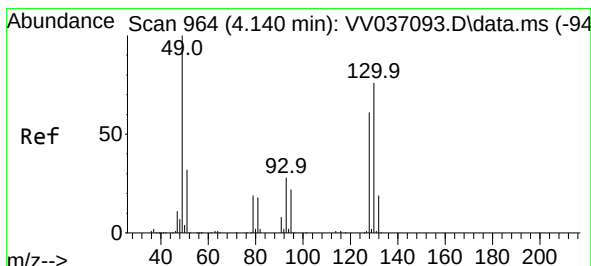
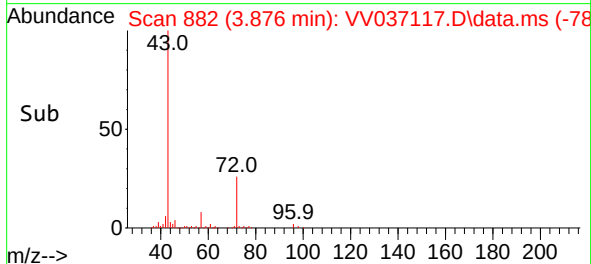
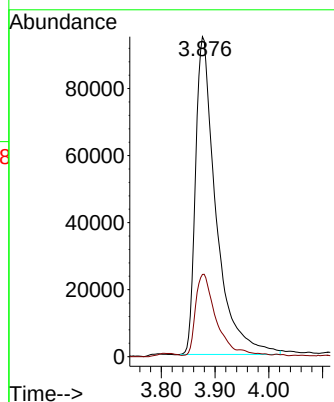
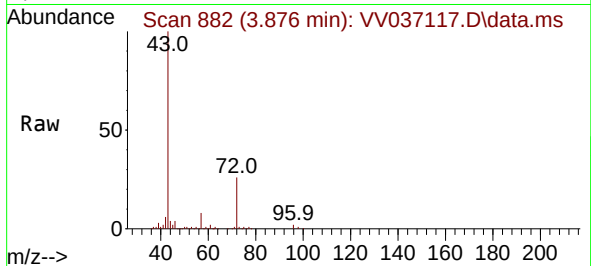




#22
2-Butanone
Concen: 99.196 ug/L
RT: 3.876 min Scan# 882
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

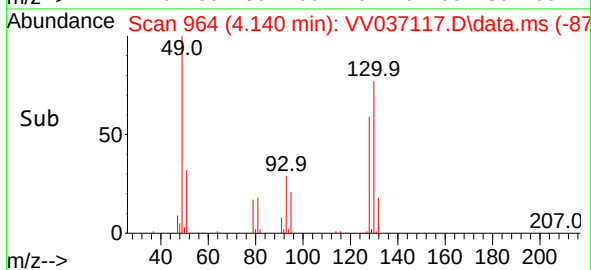
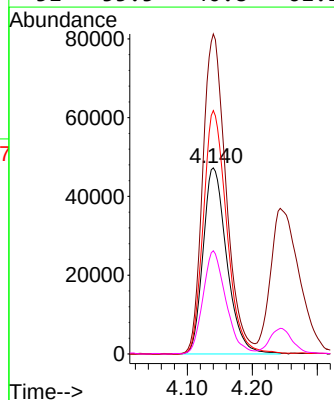
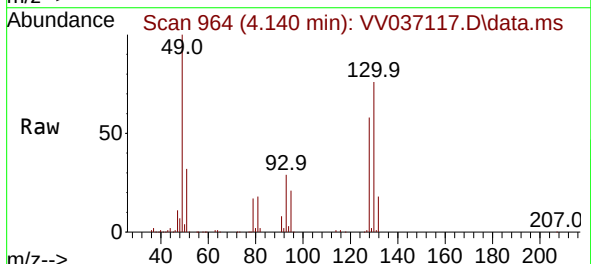
Instrument :
MSVOA_V
ClientSampleId :
E1K73MSD

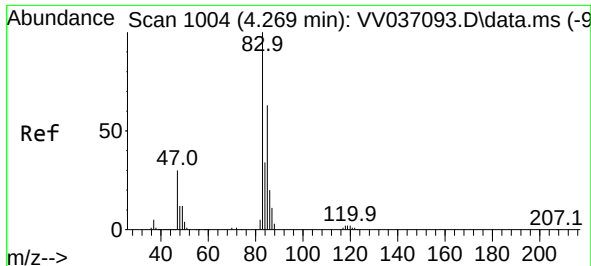
Tgt Ion: 43 Resp: 251270
Ion Ratio Lower Upper
43 100
72 24.3 12.7 38.0



#23
Bromochloromethane
Concen: 53.822 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

Tgt Ion:128 Resp: 119739
Ion Ratio Lower Upper
128 100
49 171.9 117.2 217.6
130 130.7 87.6 162.8
51 55.5 40.8 61.2

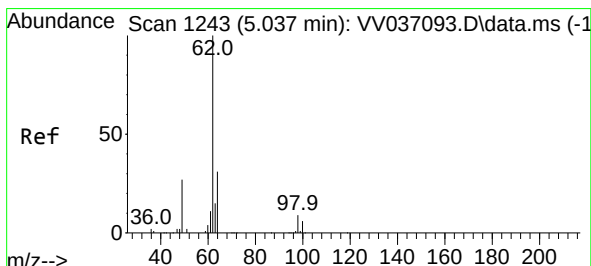
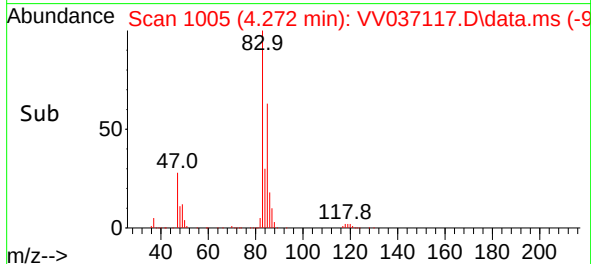
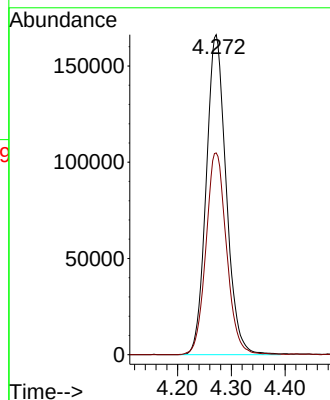
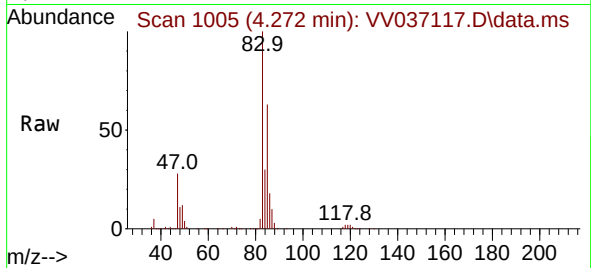




#25
Chloroform
Concen: 51.990 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

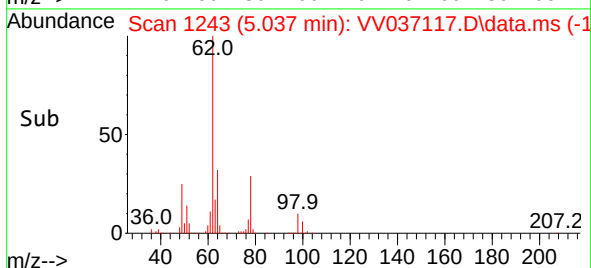
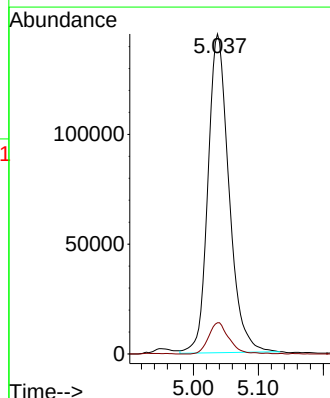
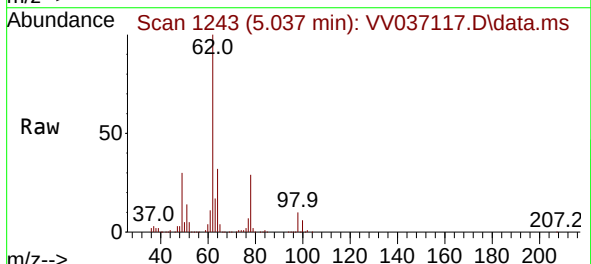
Instrument :
MSVOA_V
ClientSampleId :
E1K73MSD

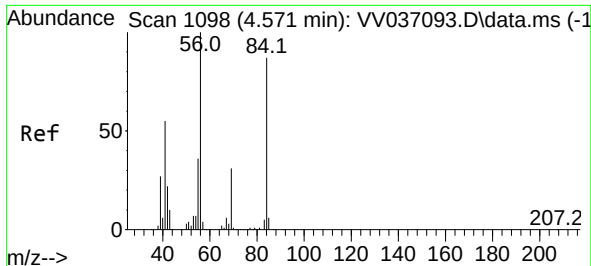
Tgt Ion: 83 Resp: 428863
Ion Ratio Lower Upper
83 100
85 63.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 53.953 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

Tgt Ion: 62 Resp: 326468
Ion Ratio Lower Upper
62 100
98 9.8 8.0 12.0





#29

Cyclohexane

Concen: 52.895 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

Instrument :

MSVOA_V

ClientSampleId :

E1K73MSD

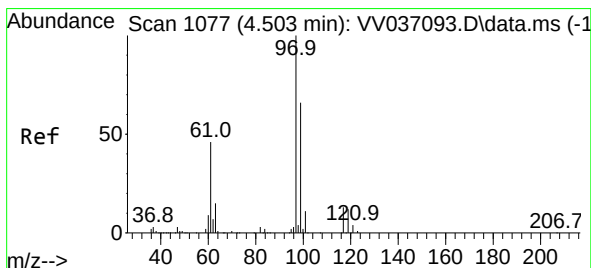
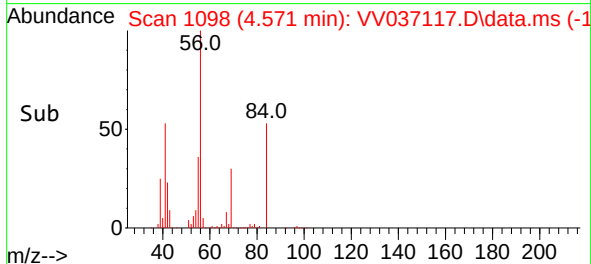
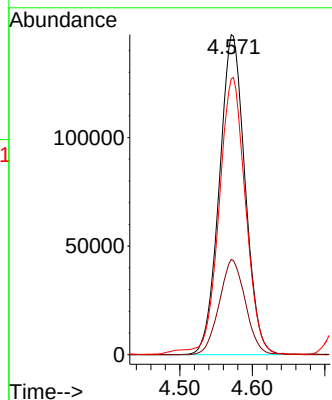
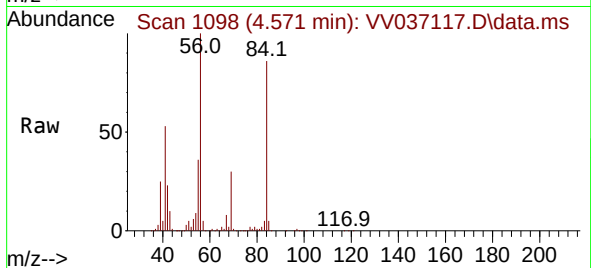
Tgt Ion: 56 Resp: 362252

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.4

84 89.8 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 53.540 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

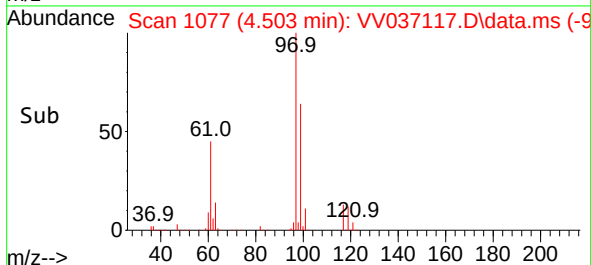
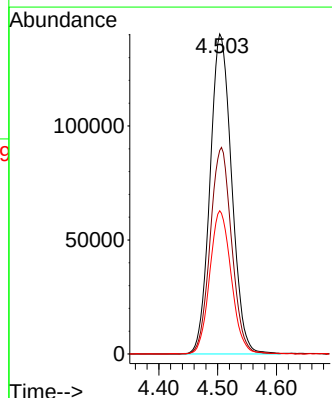
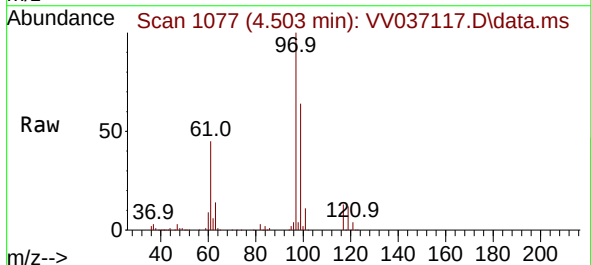
Tgt Ion: 97 Resp: 358831

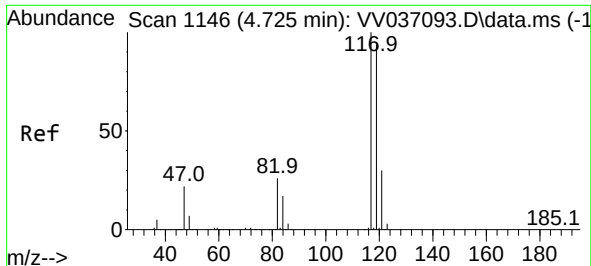
Ion Ratio Lower Upper

97 100

99 64.1 51.6 77.4

61 44.5 35.8 53.6

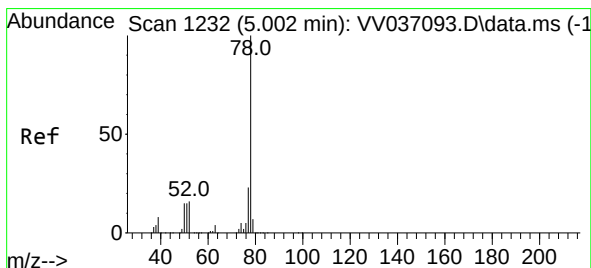
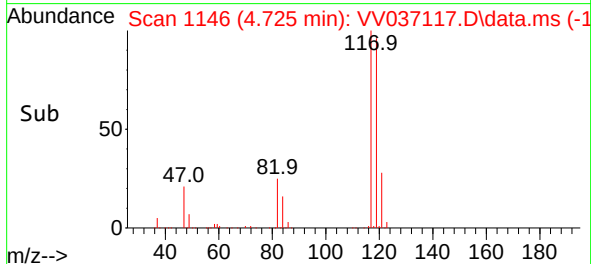
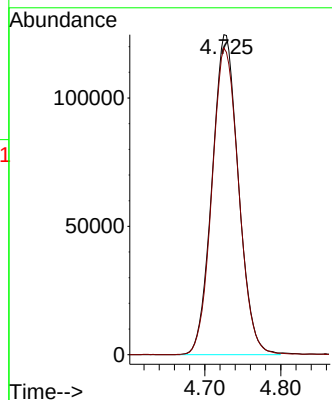
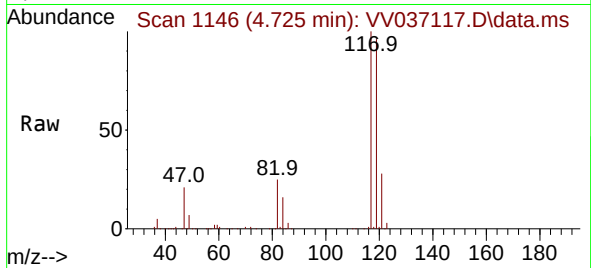




#31
Carbon tetrachloride
Concen: 53.184 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

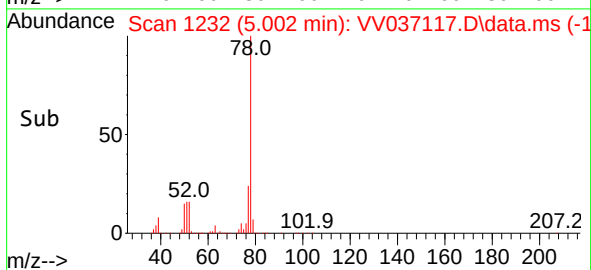
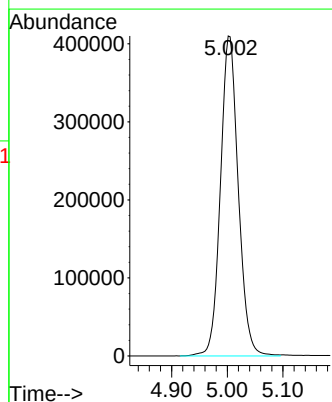
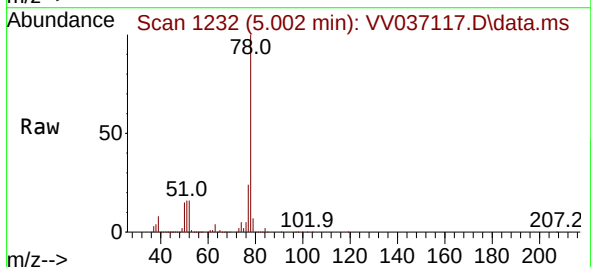
Instrument :
MSVOA_V
ClientSampleId :
E1K73MSD

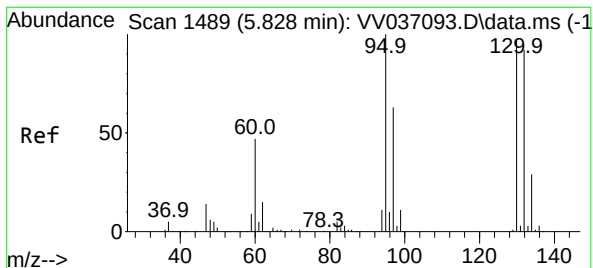
Tgt Ion:117 Resp: 300769
Ion Ratio Lower Upper
117 100
119 97.1 75.8 113.6



#33
Benzene
Concen: 54.338 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

Tgt Ion: 78 Resp: 913401





#34

Trichloroethene

Concen: 54.107 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

Instrument :

MSVOA_V

ClientSampleId :

E1K73MSD

Tgt Ion: 95 Resp: 240063

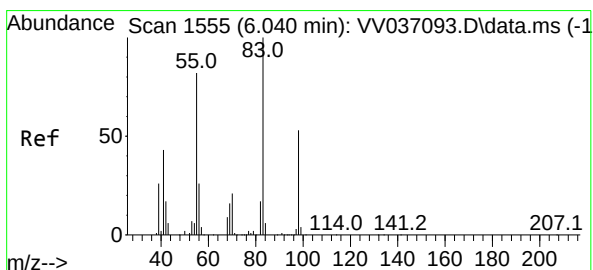
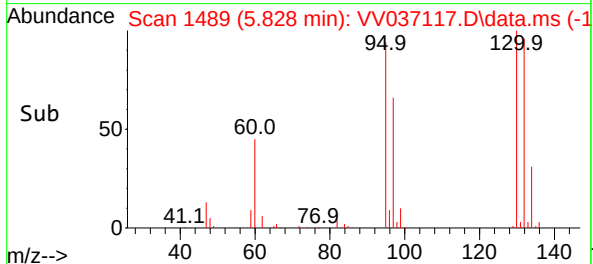
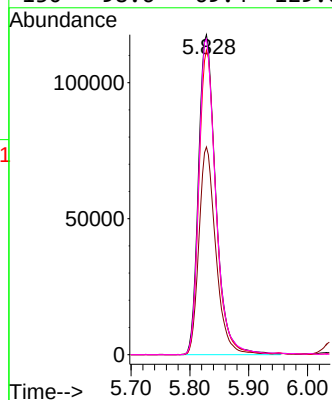
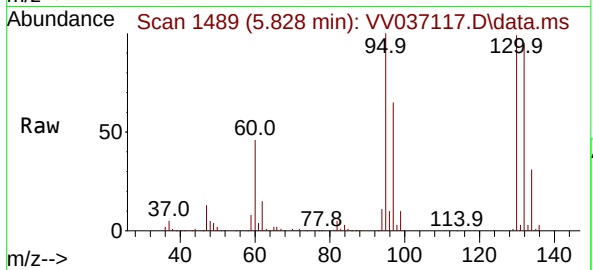
Ion Ratio Lower Upper

95 100

97 64.9 44.4 82.5

132 95.2 64.9 120.5

130 98.6 69.4 129.0



#35

Methylcyclohexane

Concen: 50.979 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

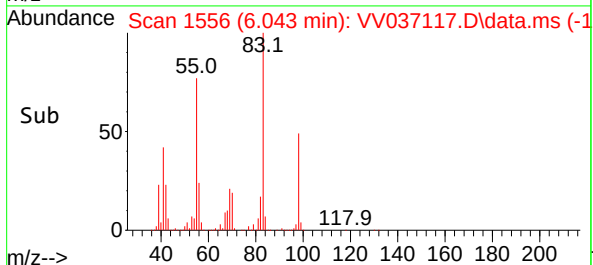
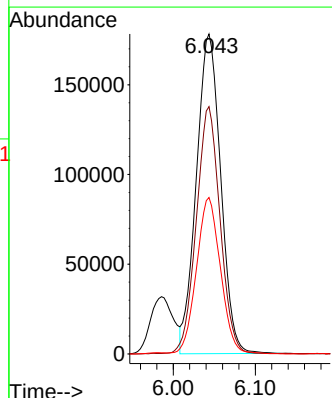
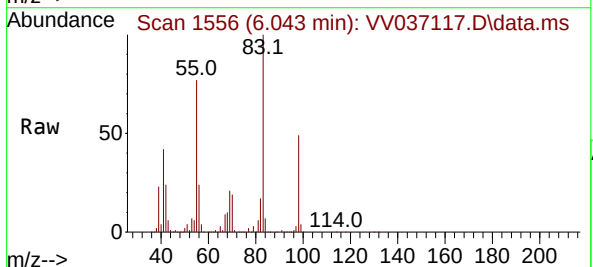
Tgt Ion: 83 Resp: 367486

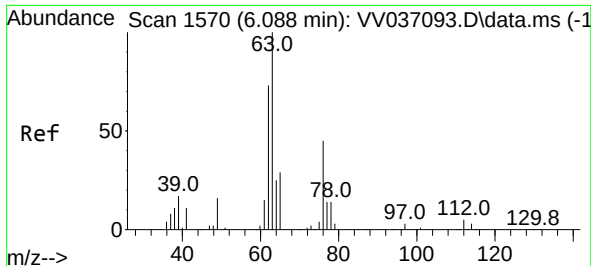
Ion Ratio Lower Upper

83 100

55 75.4 61.2 91.8

98 48.4 39.3 58.9





#37

1,2-Dichloropropane

Concen: 53.719 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

Instrument :

MSVOA_V

ClientSampleId :

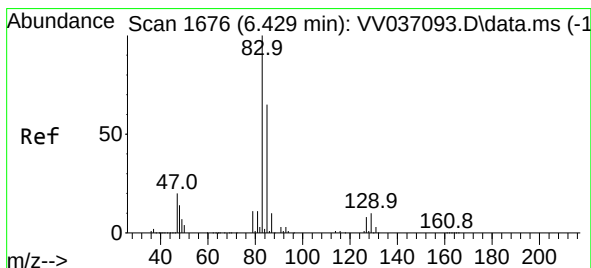
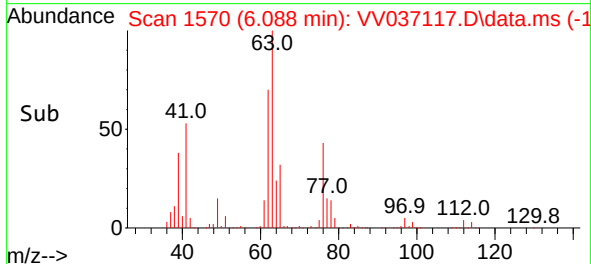
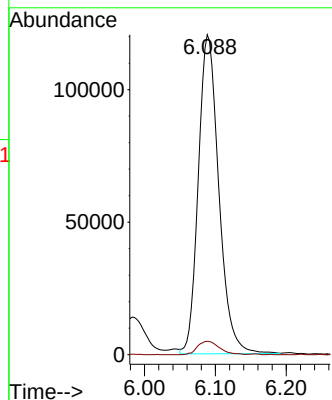
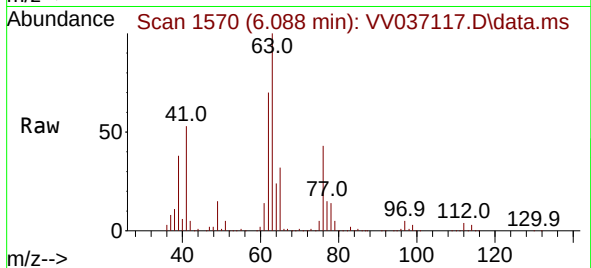
E1K73MSD

Tgt Ion: 63 Resp: 242086

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 53.916 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

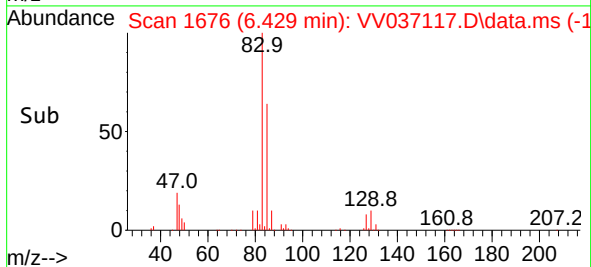
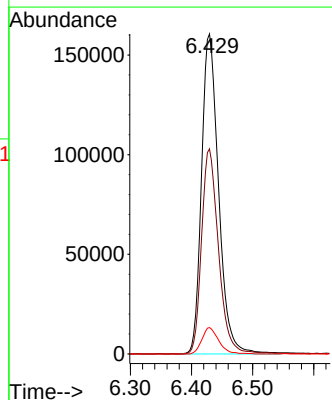
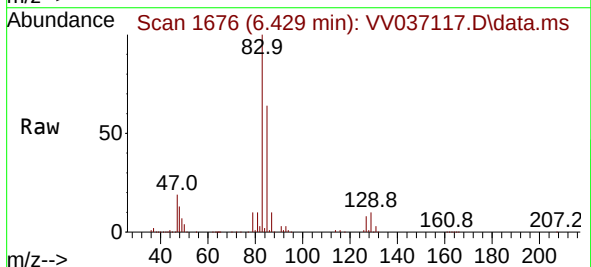
Tgt Ion: 83 Resp: 311419

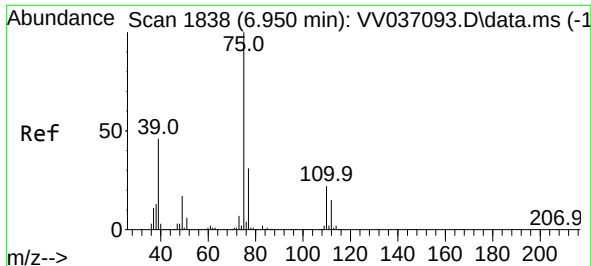
Ion Ratio Lower Upper

83 100

85 64.1 44.5 82.7

127 8.3 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 49.384 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

Instrument :

MSVOA_V

ClientSampleId :

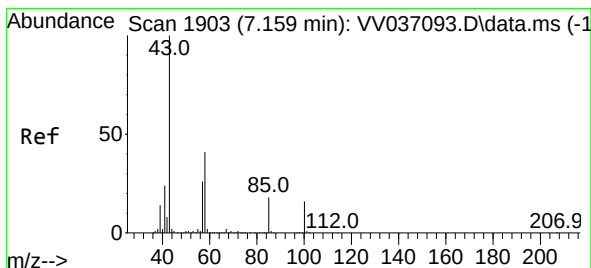
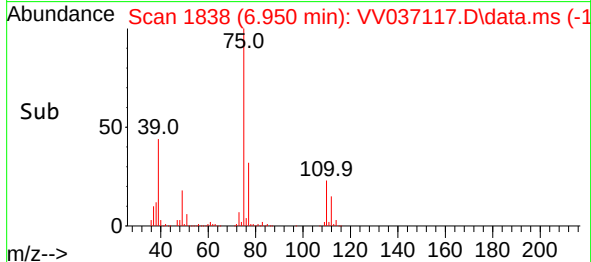
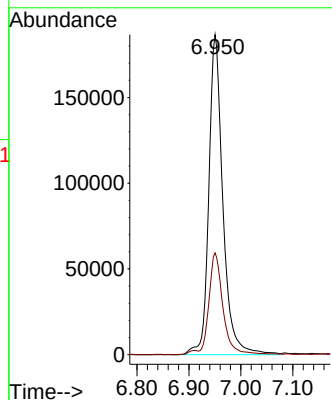
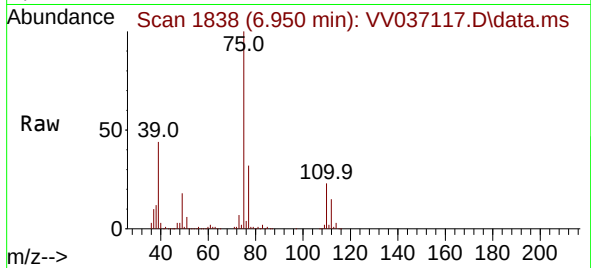
E1K73MSD

Tgt Ion: 75 Resp: 351202

Ion Ratio Lower Upper

75 100

77 31.8 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 116.256 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

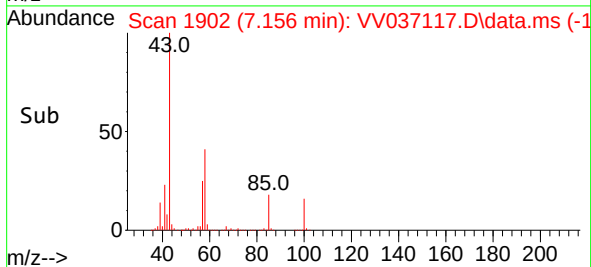
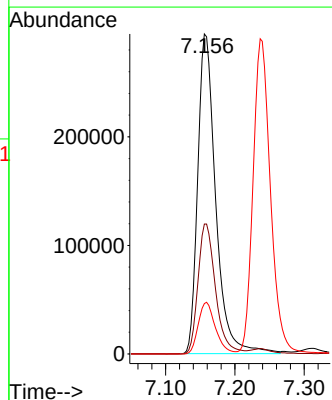
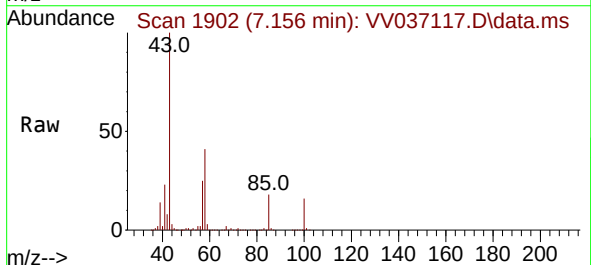
Tgt Ion: 43 Resp: 532631

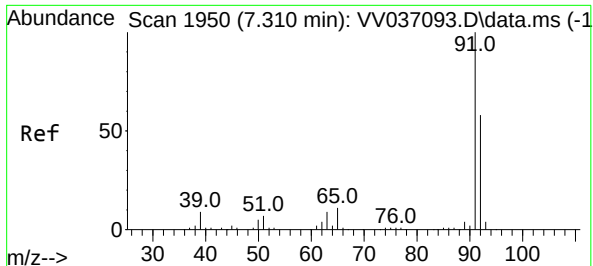
Ion Ratio Lower Upper

43 100

58 39.7 32.0 48.0

100 15.5 12.4 18.6





#42

Toluene

Concen: 54.977 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

Instrument :

MSVOA_V

ClientSampleId :

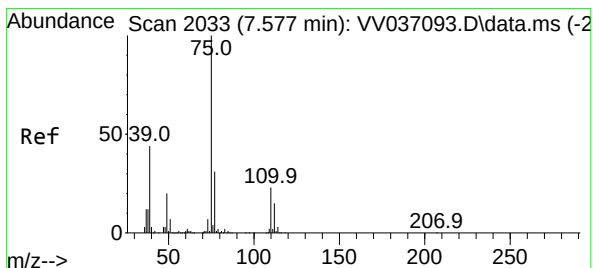
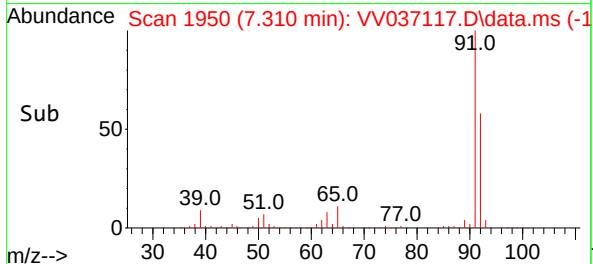
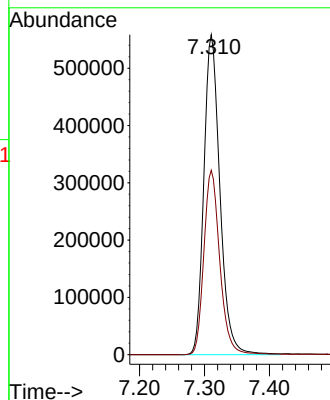
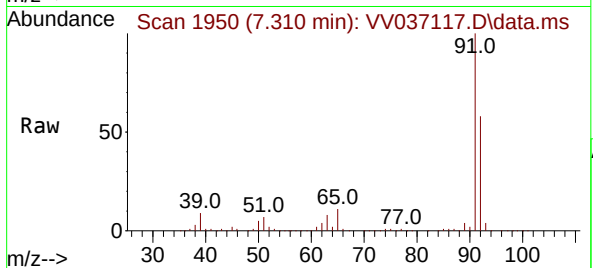
E1K73MSD

Tgt Ion: 91 Resp: 962208

Ion Ratio Lower Upper

91 100

92 57.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 48.679 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV037117.D

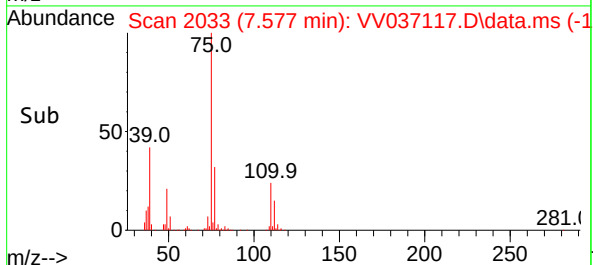
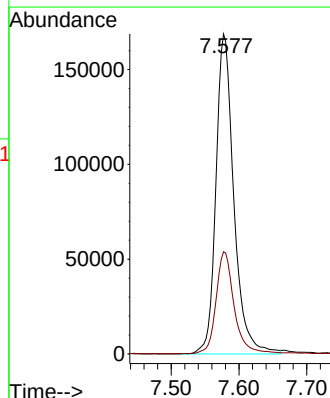
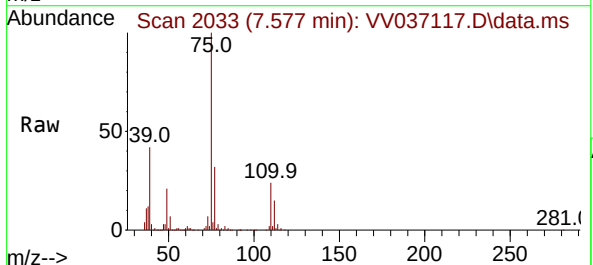
Acq: 28 Aug 2024 03:04

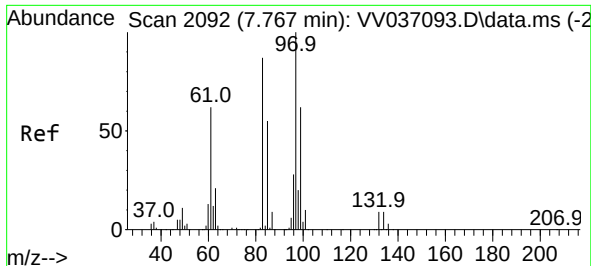
Tgt Ion: 75 Resp: 309437

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8

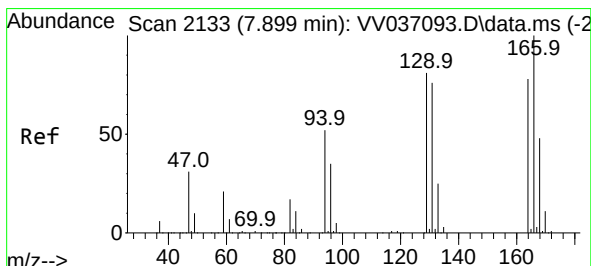
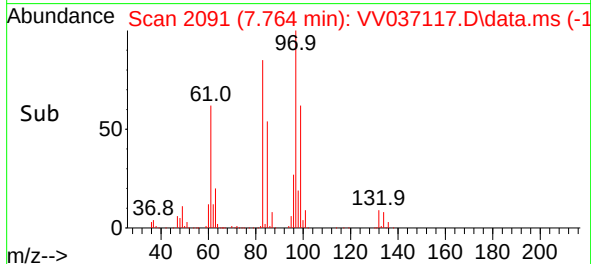
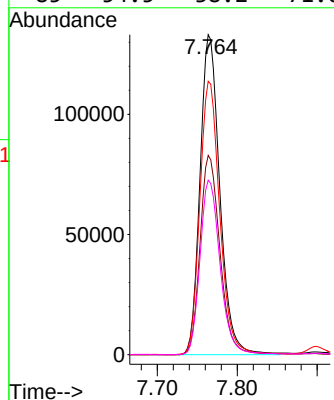
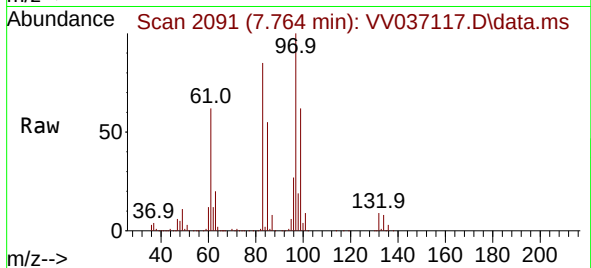




#45
1,1,2-Trichloroethane
Concen: 54.770 ug/L
RT: 7.764 min Scan# 2092
Delta R.T. -0.003 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

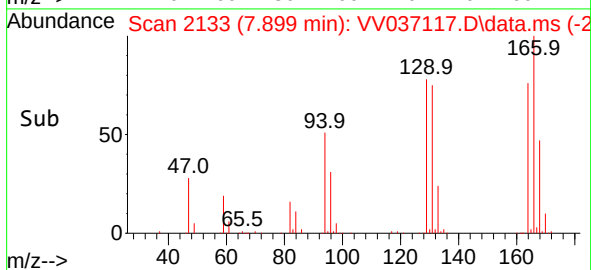
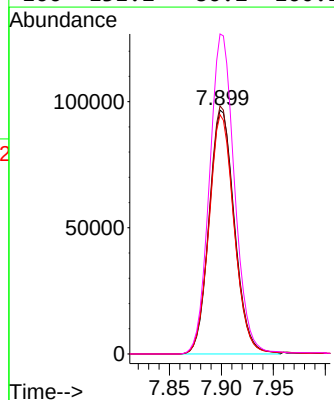
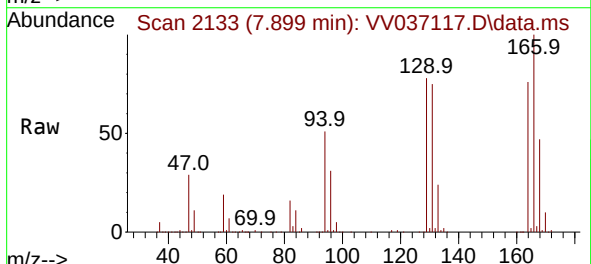
Instrument :
MSVOA_V
ClientSampleId :
E1K73MSD

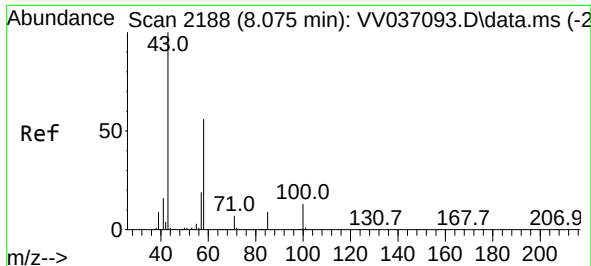
Tgt Ion:	97	Resp:	229765
Ion	Ratio	Lower	Upper
97	100		
99	62.3	42.6	79.0
83	85.4	60.5	112.3
85	54.5	38.2	71.0



#46
Tetrachloroethene
Concen: 51.360 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

Tgt Ion:	164	Resp:	163501
Ion	Ratio	Lower	Upper
164	100		
129	101.7	67.1	124.7
131	98.1	67.0	124.4
166	131.2	86.2	160.2



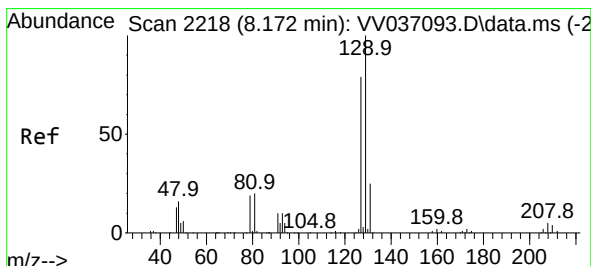
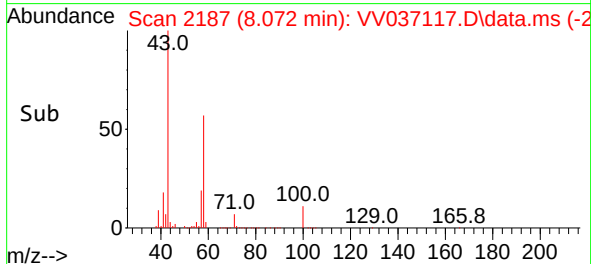
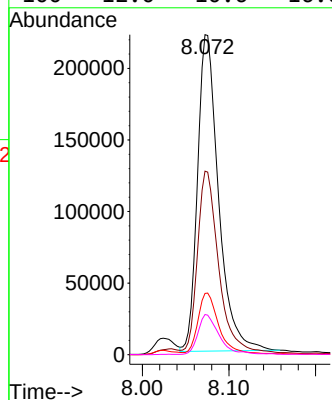
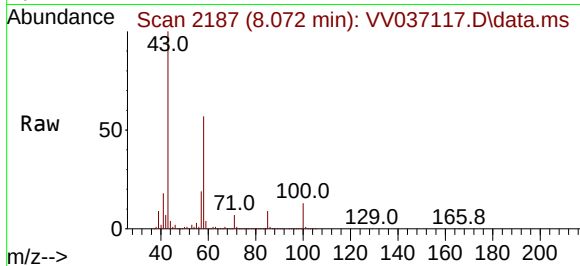


#48
2-Hexanone
Concen: 105.166 ug/L
RT: 8.072 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

Instrument :
MSVOA_V
ClientSampleId :
E1K73MSD

Tgt Ion: 43 Resp: 372630

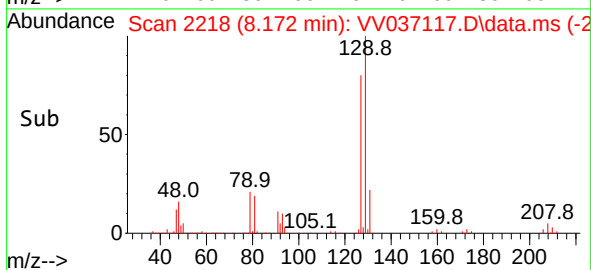
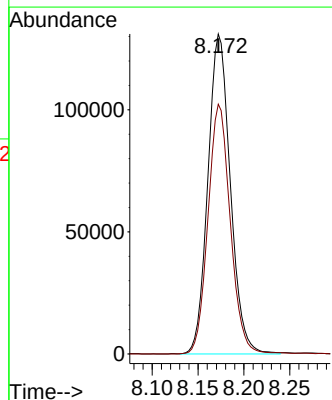
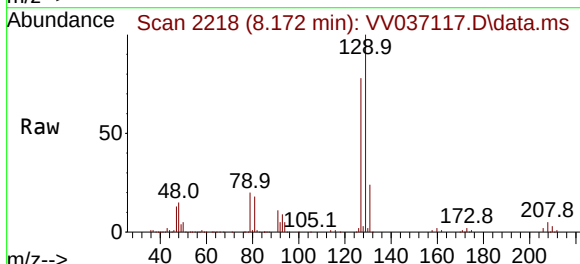
Ion	Ratio	Lower	Upper
43	100		
58	59.0	46.0	69.0
57	18.5	15.6	23.4
100	12.0	10.6	16.0

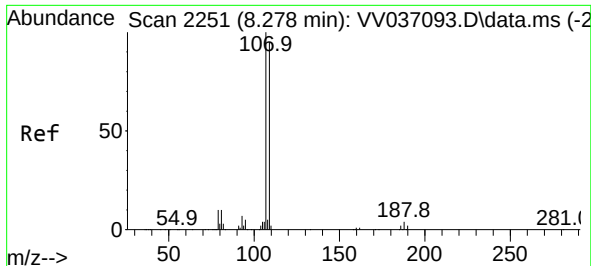


#49
Dibromochloromethane
Concen: 53.118 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

Tgt Ion: 129 Resp: 223129

Ion	Ratio	Lower	Upper
129	100		
127	78.0	54.7	101.7





#50

1,2-Dibromoethane

Concen: 55.215 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

Instrument :

MSVOA_V

ClientSampleId :

E1K73MSD

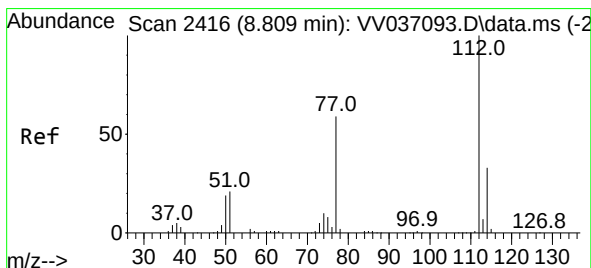
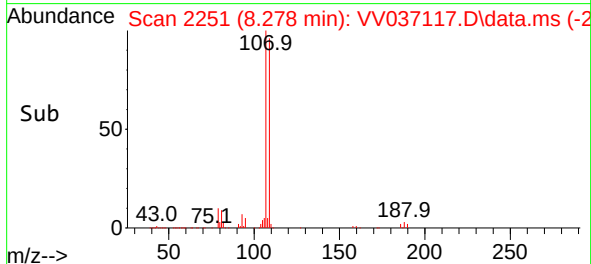
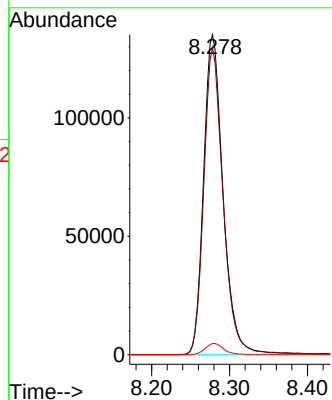
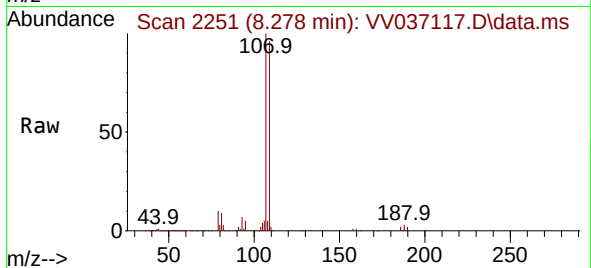
Tgt Ion:107 Resp: 234389

Ion Ratio Lower Upper

107 100

109 96.0 66.6 123.6

188 3.5 2.6 3.8



#51

Chlorobenzene

Concen: 52.776 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. 0.000 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

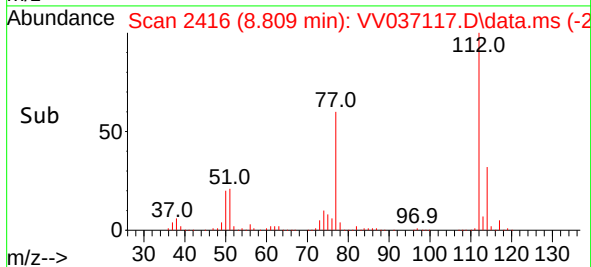
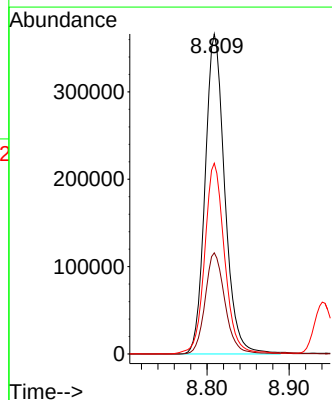
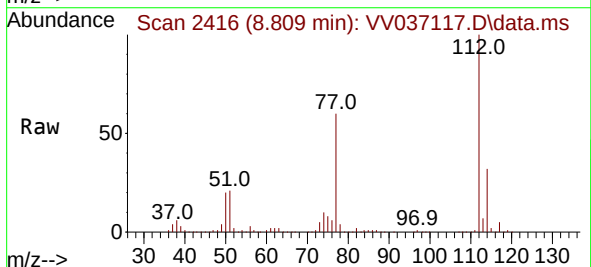
Tgt Ion:112 Resp: 611507

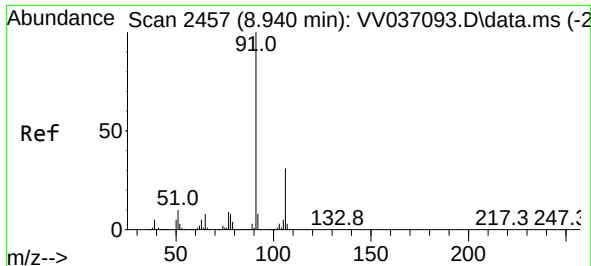
Ion Ratio Lower Upper

112 100

114 31.6 22.3 41.5

77 59.6 47.8 71.8





#52

Ethylbenzene

Concen: 54.089 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

Instrument :

MSVOA_V

ClientSampleId :

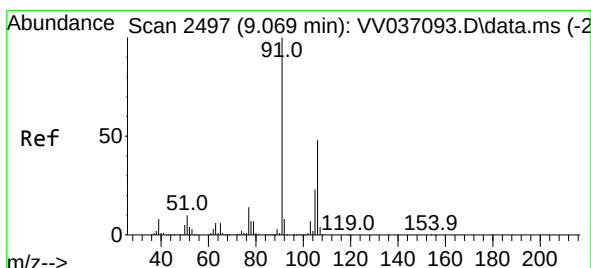
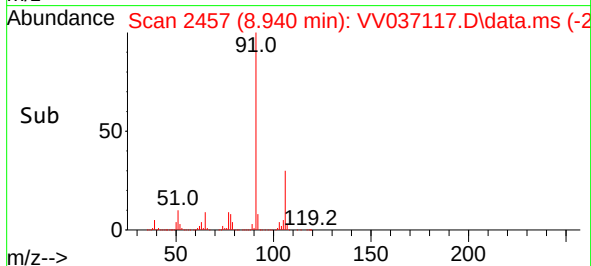
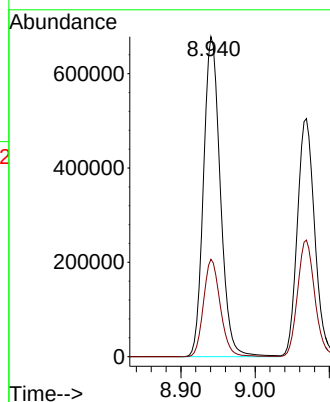
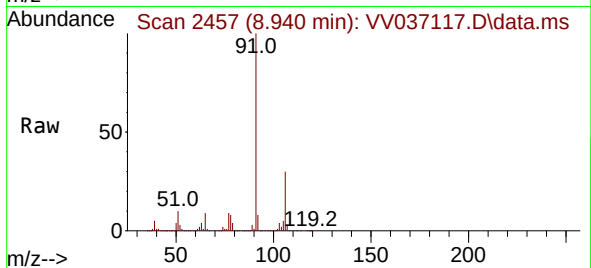
E1K73MSD

Tgt Ion: 91 Resp: 1069296

Ion Ratio Lower Upper

91 100

106 30.5 21.4 39.8



#53

m,p-Xylene

Concen: 54.083 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV037117.D

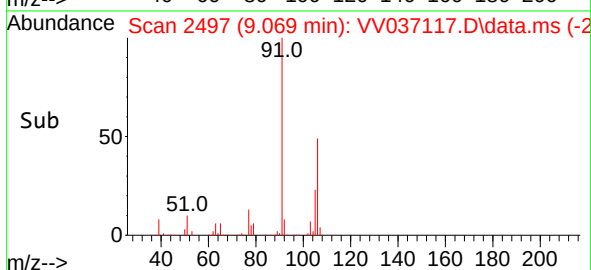
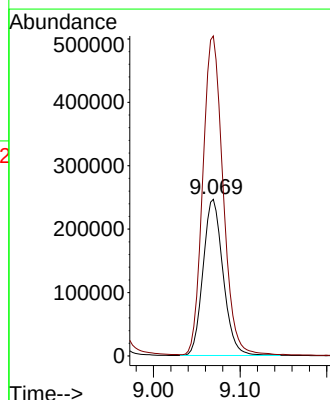
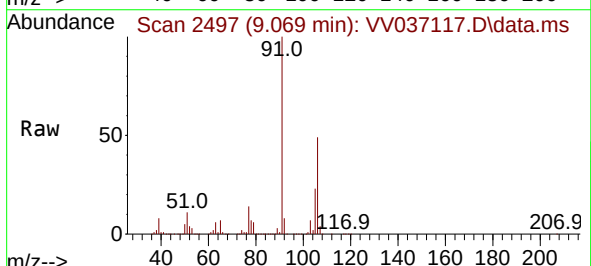
Acq: 28 Aug 2024 03:04

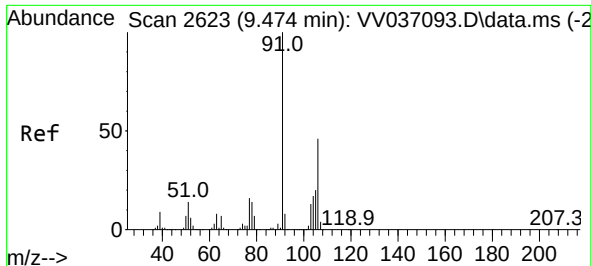
Tgt Ion:106 Resp: 396137

Ion Ratio Lower Upper

106 100

91 204.2 143.0 265.6

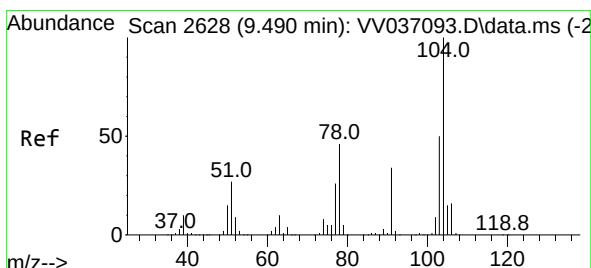
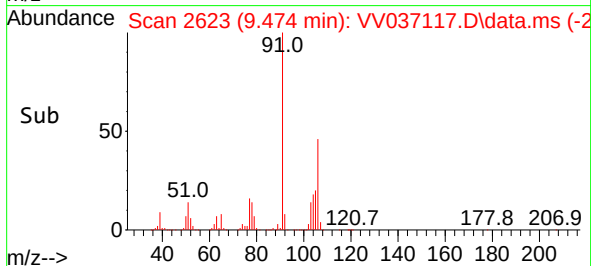
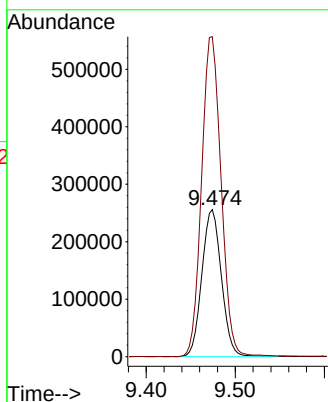
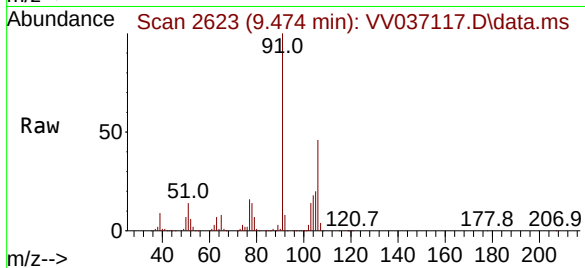




#54
o-Xylene
Concen: 54.138 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

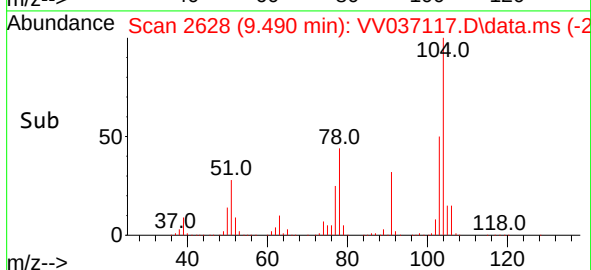
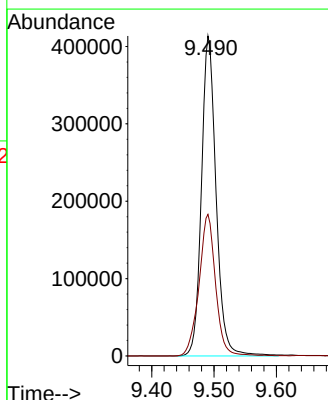
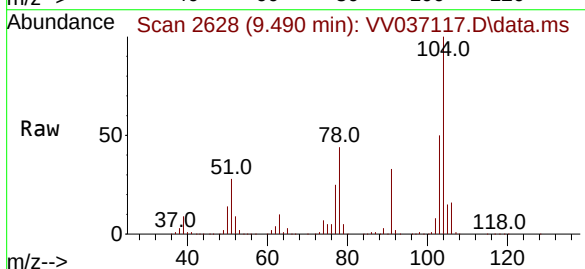
Instrument :
MSVOA_V
ClientSampleId :
E1K73MSD

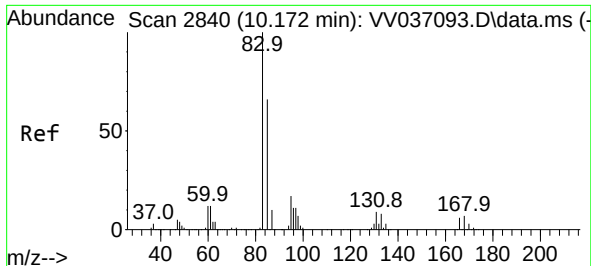
Tgt Ion:106 Resp: 388259
Ion Ratio Lower Upper
106 100
91 217.6 153.2 284.6



#55
Styrene
Concen: 54.362 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

Tgt Ion:104 Resp: 676483
Ion Ratio Lower Upper
104 100
78 44.2 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 55.985 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

Instrument :

MSVOA_V

ClientSampleId :

E1K73MSD

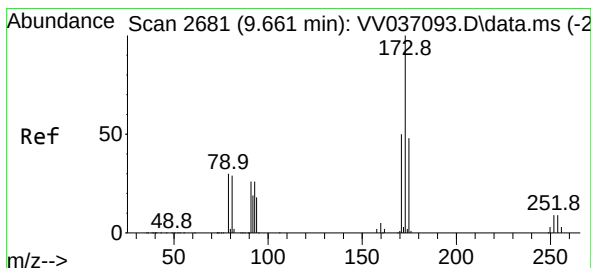
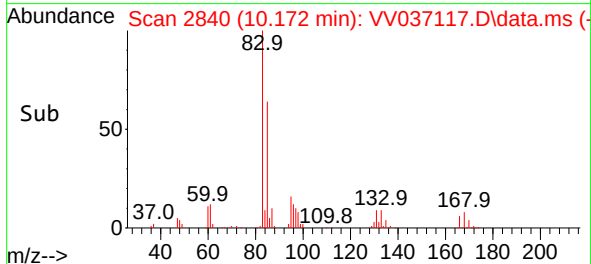
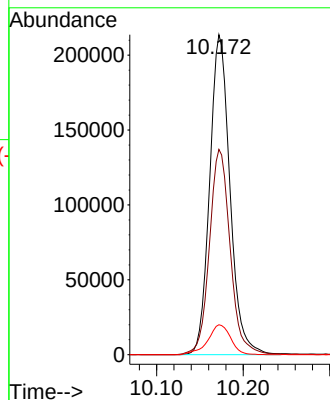
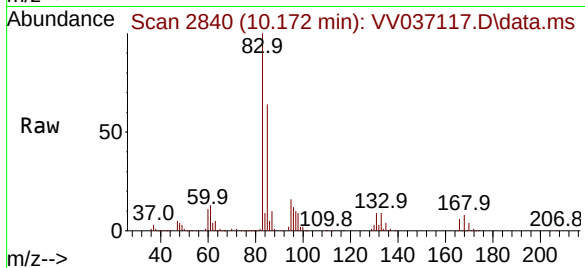
Tgt Ion: 83 Resp: 347837

Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.7

131 9.4 7.4 11.0



#59

Bromoform

Concen: 53.526 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

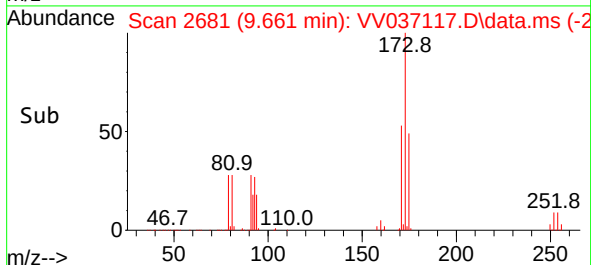
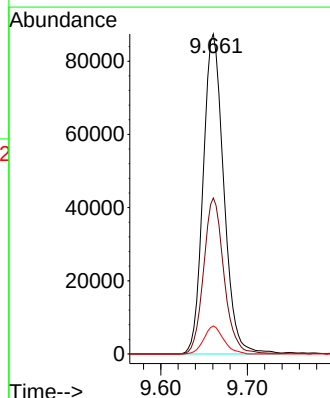
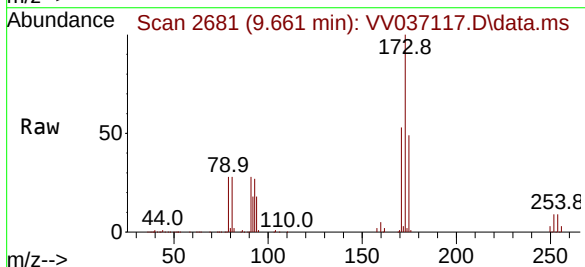
Tgt Ion: 173 Resp: 144403

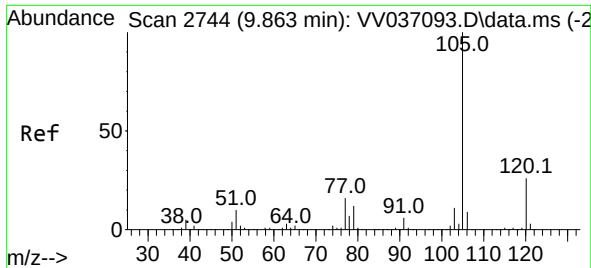
Ion Ratio Lower Upper

173 100

175 48.1 38.7 58.1

254 8.4 6.8 10.2

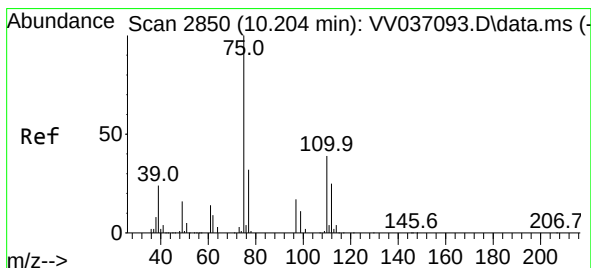
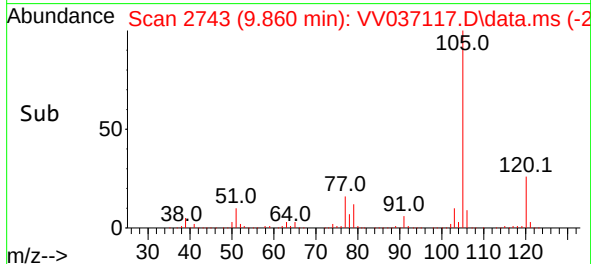
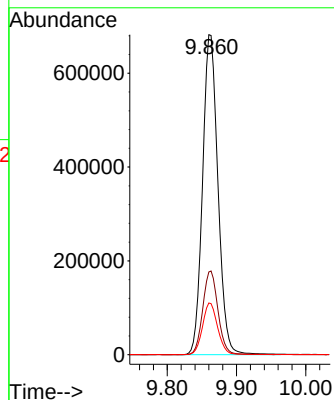
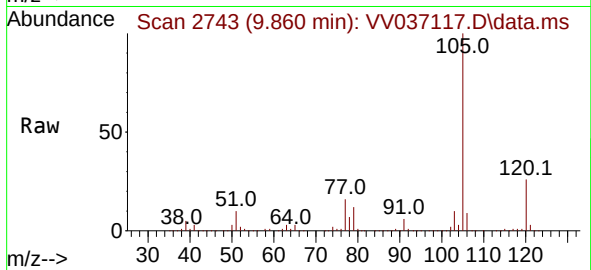




#60
Isopropylbenzene
Concen: 56.031 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

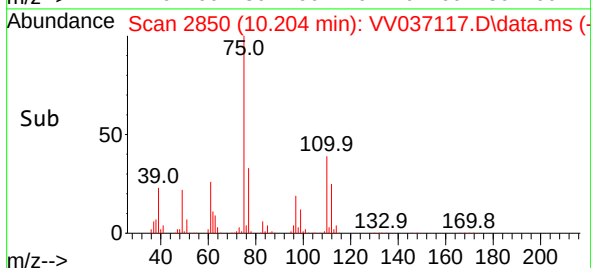
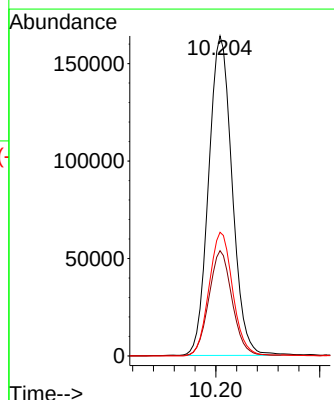
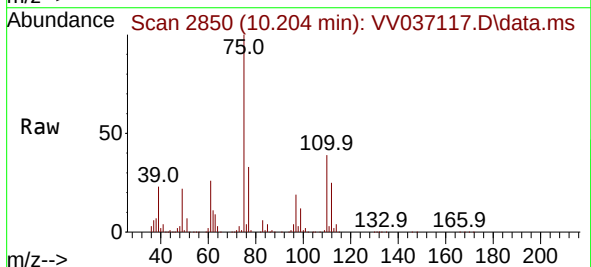
Instrument :
MSVOA_V
ClientSampleId :
E1K73MSD

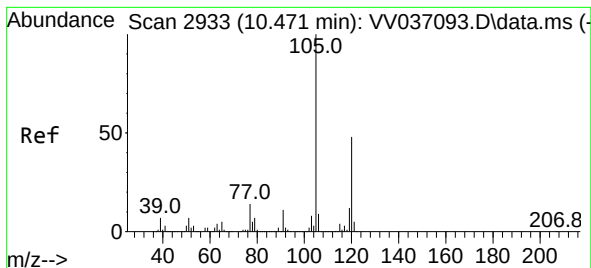
Tgt Ion:105 Resp: 1052400
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 57.067 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

Tgt Ion: 75 Resp: 257195
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8
110 39.2 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 55.042 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

Instrument :

MSVOA_V

ClientSampleId :

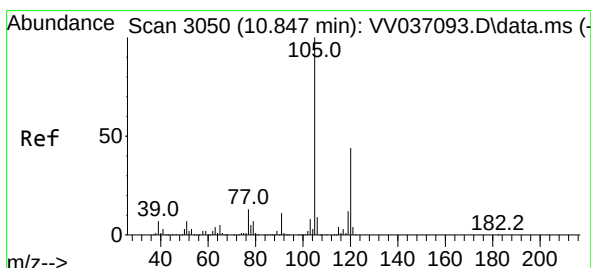
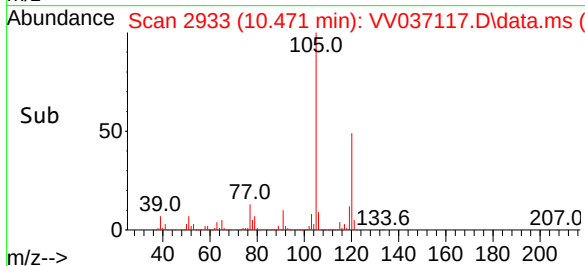
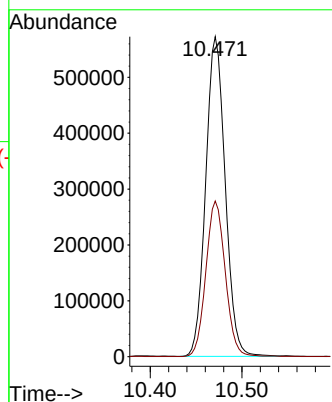
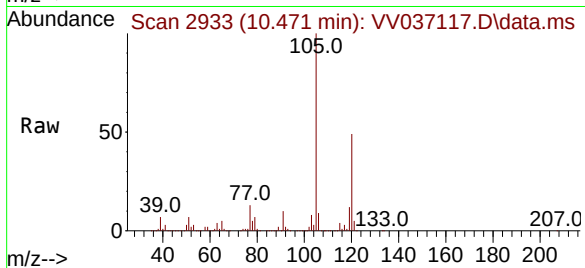
E1K73MSD

Tgt Ion:105 Resp: 845824

Ion Ratio Lower Upper

105 100

120 48.3 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 55.621 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV037117.D

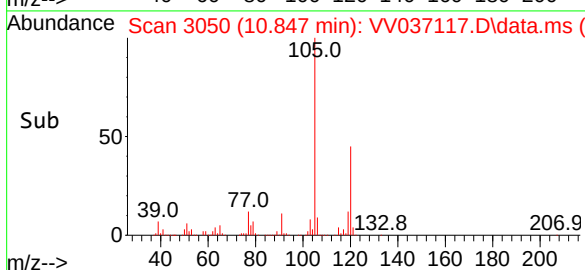
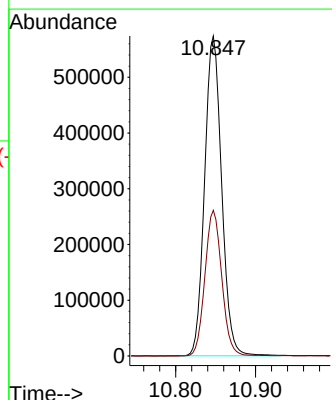
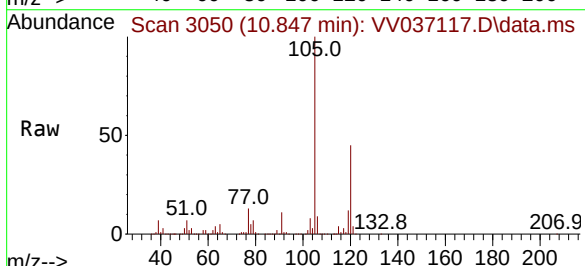
Acq: 28 Aug 2024 03:04

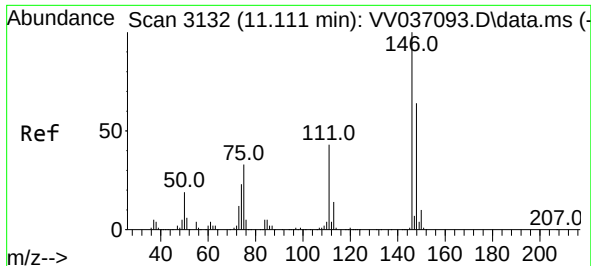
Tgt Ion:105 Resp: 852982

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.6

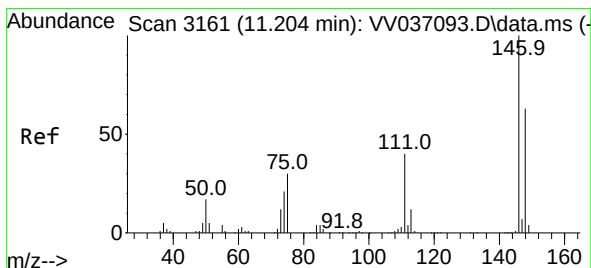
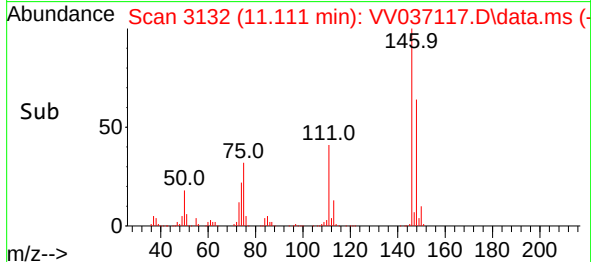
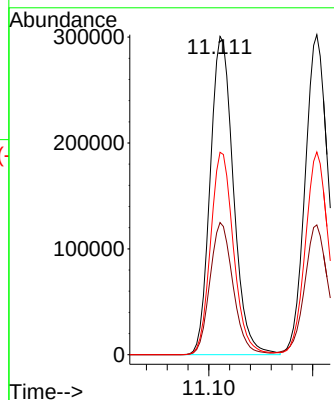
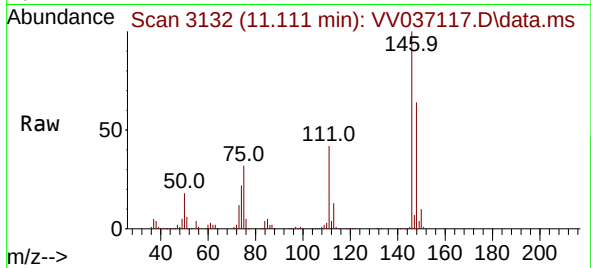




#64
1,3-Dichlorobenzene
Concen: 53.826 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

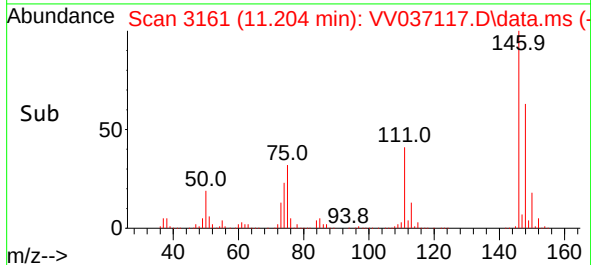
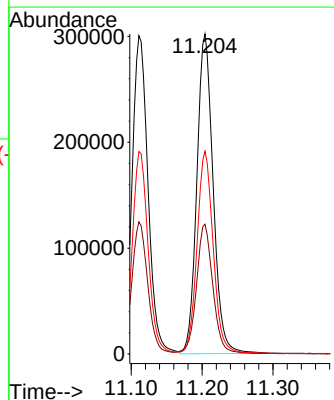
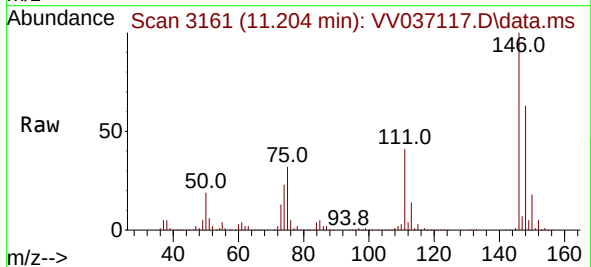
Instrument :
MSVOA_V
ClientSampleId :
E1K73MSD

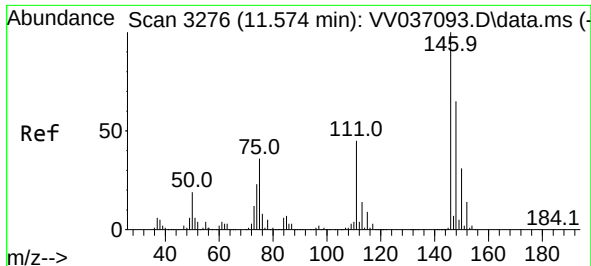
Tgt Ion:146 Resp: 466833
Ion Ratio Lower Upper
146 100
111 41.5 29.7 55.1
148 63.6 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 54.271 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

Tgt Ion:146 Resp: 481752
Ion Ratio Lower Upper
146 100
111 40.5 28.1 52.1
148 63.3 44.2 82.0

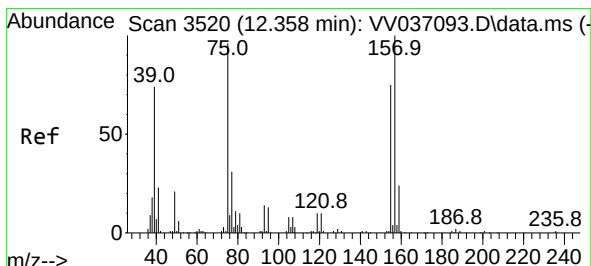
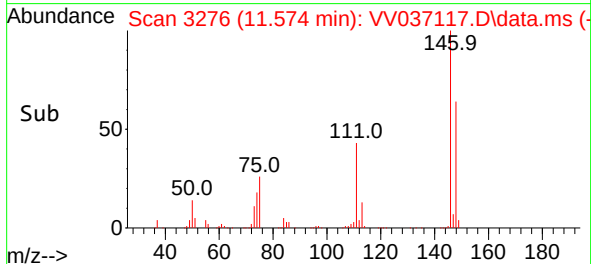
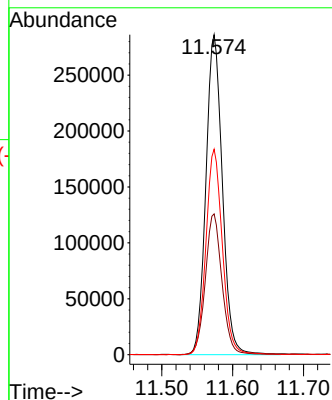
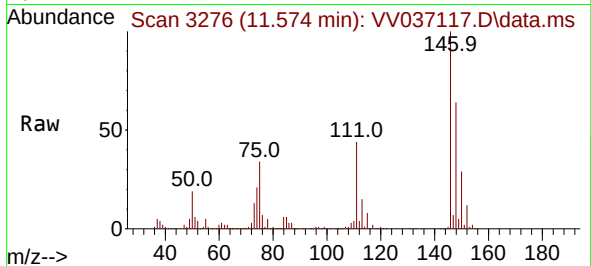




#67
1,2-Dichlorobenzene
Concen: 54.098 ug/L
RT: 11.574 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

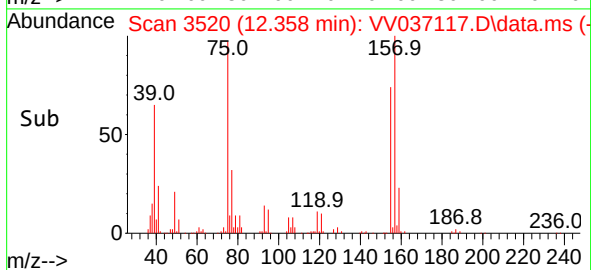
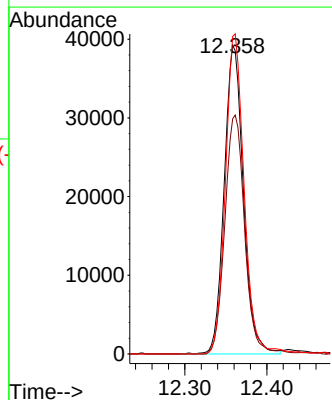
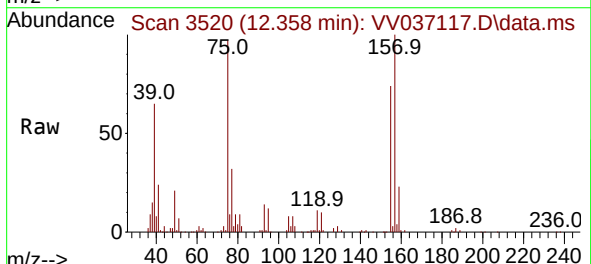
Instrument :
MSVOA_V
ClientSampleId :
E1K73MSD

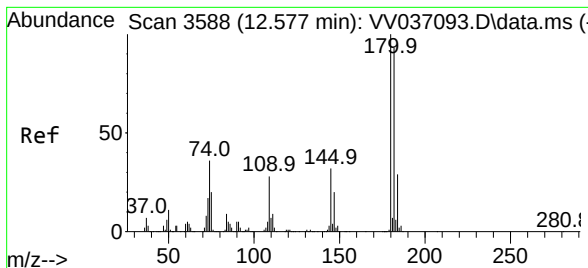
Tgt Ion:146 Resp: 461337
Ion Ratio Lower Upper
146 100
111 44.0 34.6 51.8
148 64.2 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 56.873 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. 0.000 min
Lab File: VV037117.D
Acq: 28 Aug 2024 03:04

Tgt Ion: 75 Resp: 63923
Ion Ratio Lower Upper
75 100
155 76.1 61.8 92.6
157 102.9 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 52.161 ug/L

RT: 12.577 min Scan# 3147

Delta R.T. 0.000 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

Instrument :

MSVOA_V

ClientSampleId :

E1K73MSD

Tgt Ion:180 Resp: 314779

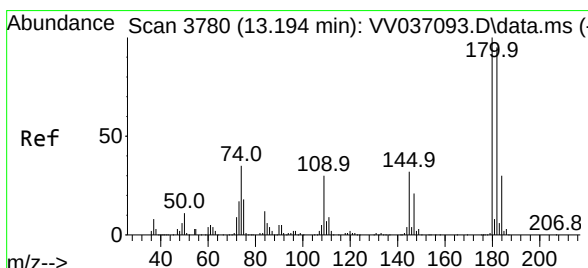
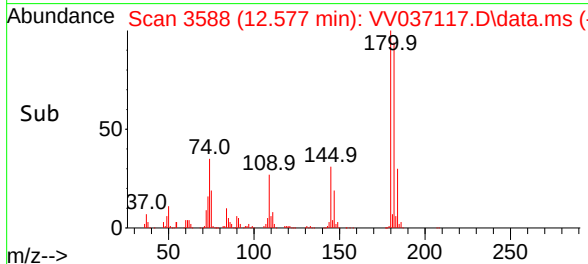
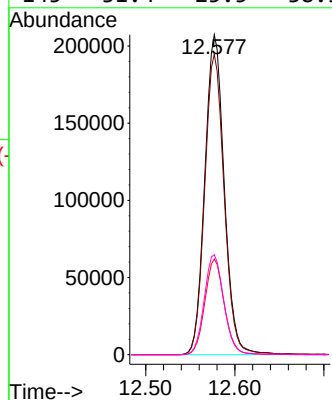
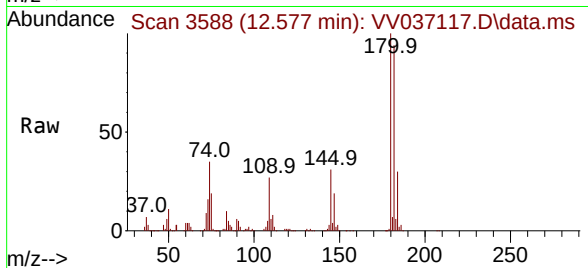
Ion Ratio Lower Upper

180 100

182 94.1 76.7 115.1

184 29.8 24.2 36.2

145 31.4 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 52.697 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.003 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

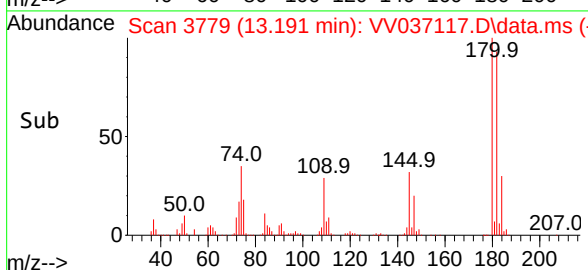
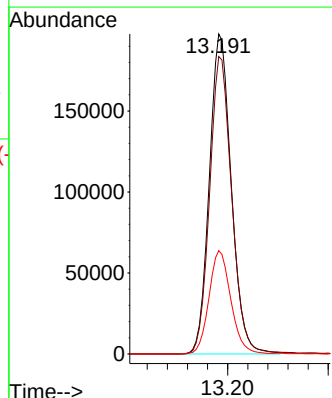
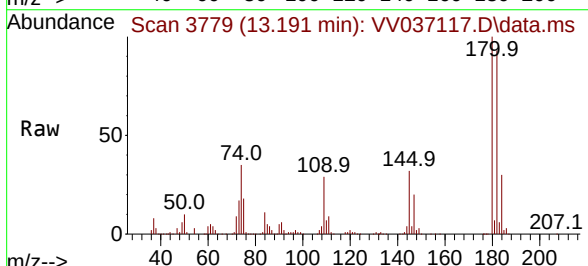
Tgt Ion:180 Resp: 299455

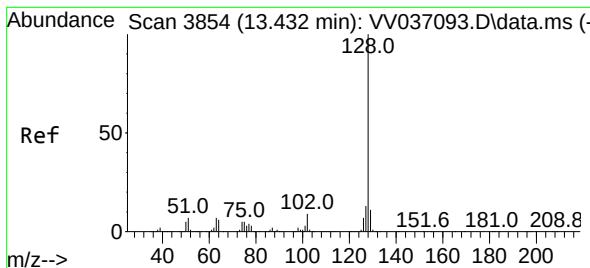
Ion Ratio Lower Upper

180 100

182 93.7 75.7 113.5

145 32.2 26.0 39.0





#71

Naphthalene

Concen: 59.185 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

Instrument :

MSVOA_V

ClientSampleId :

E1K73MSD

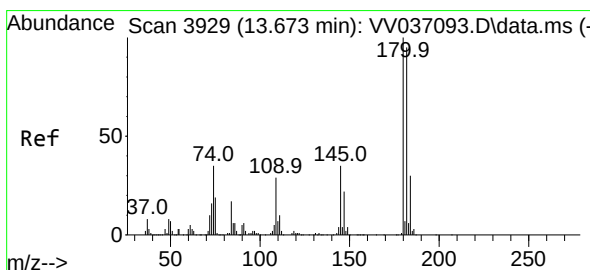
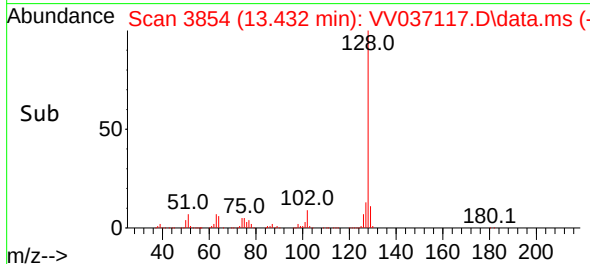
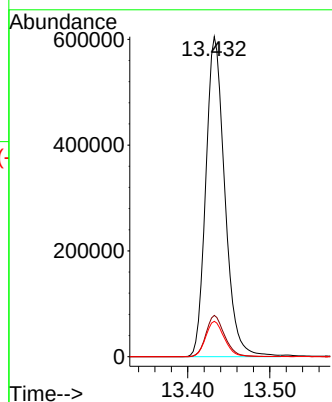
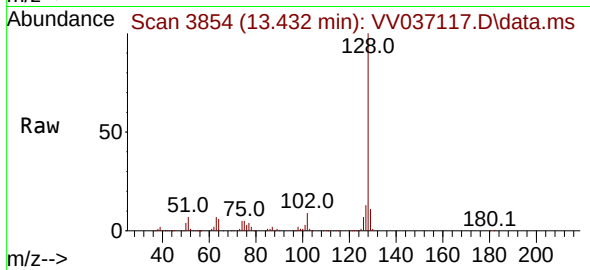
Tgt Ion:128 Resp: 971168

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 53.218 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037117.D

Acq: 28 Aug 2024 03:04

Tgt Ion:180 Resp: 298021

Ion Ratio Lower Upper

180 100

182 96.0 75.1 112.7

145 34.8 27.0 40.4

