

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037017.D
 Acq On : 26 Aug 2024 11:00
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 01:50:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:44:46 2024
 Response via : Initial Calibration

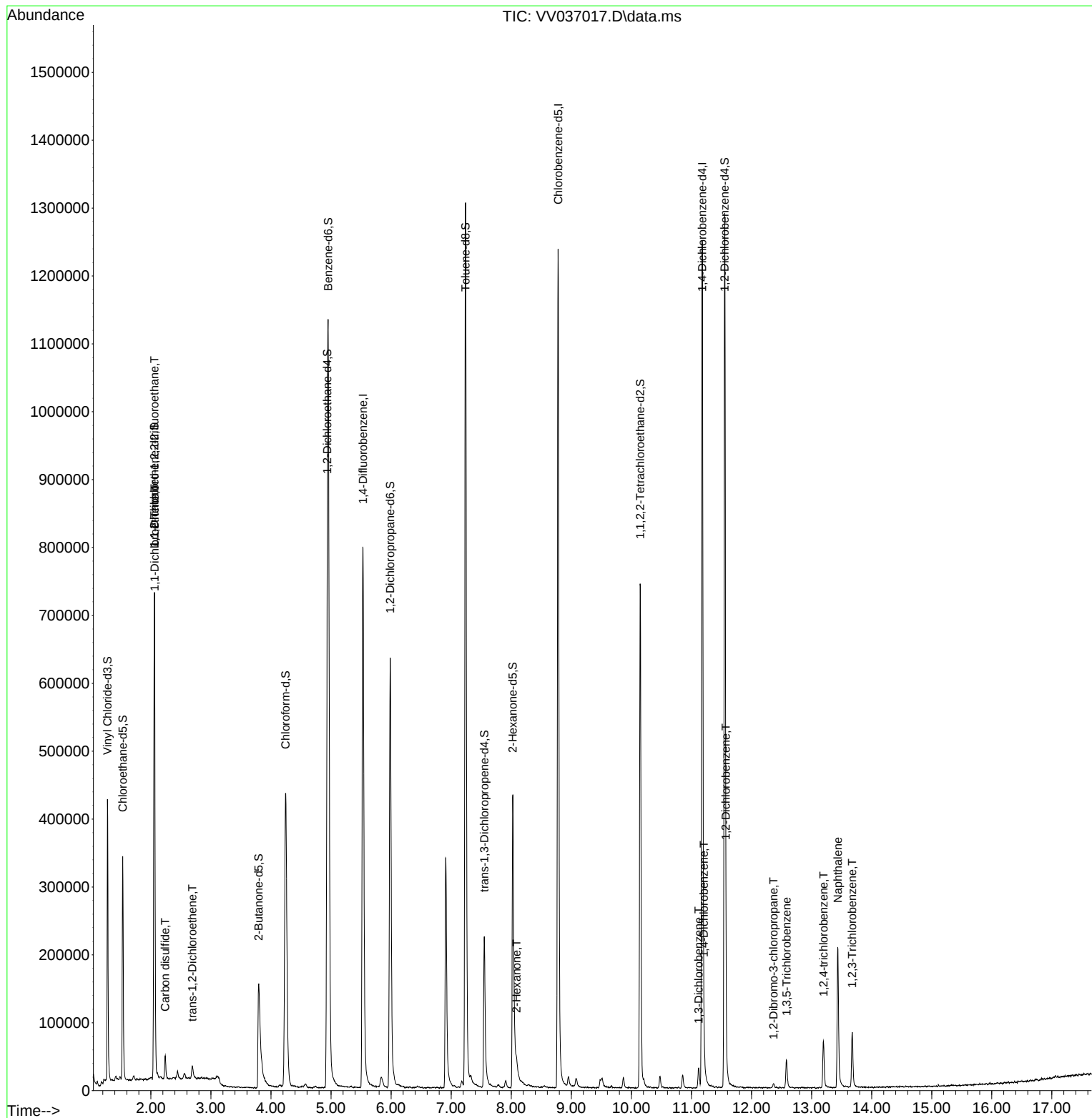
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	700526	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	658730	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	316863	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	271530	42.373	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.740%
7) Chloroethane-d5	1.532	69	217995	44.016	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.040%
11) 1,1-Dichloroethene-d2	2.060	65	121607	45.151	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.300%
21) 2-Butanone-d5	3.793	46	241593	97.356	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.360%
24) Chloroform-d	4.243	84	458159	45.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.360%
26) 1,2-Dichloroethane-d4	4.937	65	308467	48.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
32) Benzene-d6	4.953	84	981686	49.340	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.680%
36) 1,2-Dichloropropane-d6	5.985	67	313052	50.235	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	7.239	98	871944	48.559	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.120%
43) trans-1,3-Dichloroprop...	7.551	79	133213	46.205	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.420%
47) 2-Hexanone-d5	8.024	63	151367	89.000	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.000%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	364878	48.277	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.560%
66) 1,2-Dichlorobenzene-d4	11.554	152	319378	50.326	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.660%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	5522	1.138	ug/L #	26
12) 1,1-Dichloroethene	2.063	96	6304	1.379	ug/L #	1
14) Carbon disulfide	2.240	76	37915	2.733	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	6950	1.465	ug/L	94
48) 2-Hexanone	8.088	43	18251	4.555	ug/L #	82
64) 1,3-Dichlorobenzene	11.120	146	12513	1.319	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	15621	1.609	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	11679	1.252	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	12.368	75	1975	1.607	ug/L	87
69) 1,3,5-Trichlorobenzene	12.583	180	12941	1.961	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	22052	3.548	ug/L	94
71) Naphthalene	13.435	128	178436	9.943	ug/L	98
72) 1,2,3-Trichlorobenzene	13.676	180	24464	3.994	ug/L	98

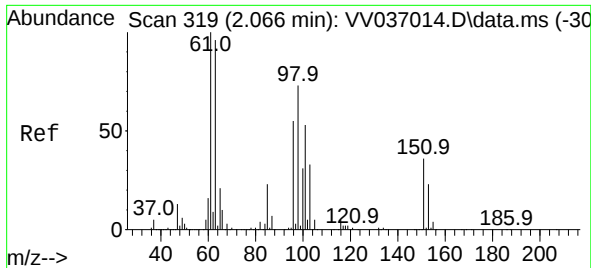
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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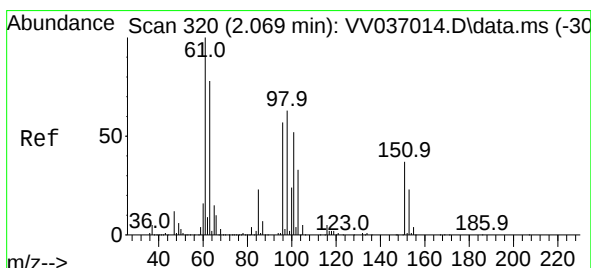
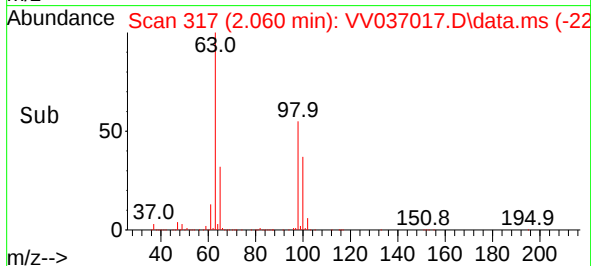
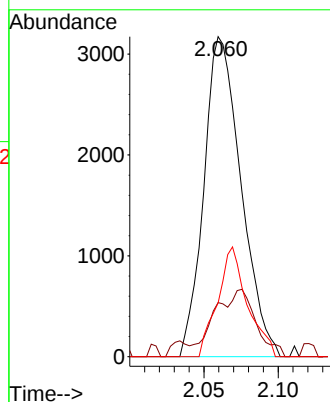
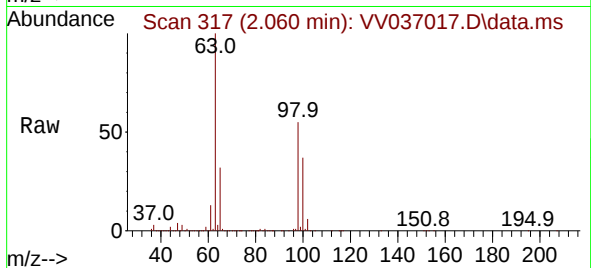




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.138 ug/L
 RT: 2.060 min Scan# 319
 Delta R.T. -0.006 min
 Lab File: VV037017.D
 Acq: 26 Aug 2024 11:00

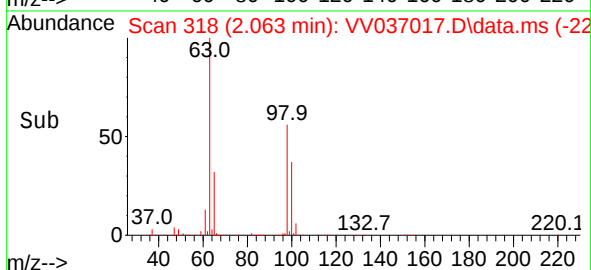
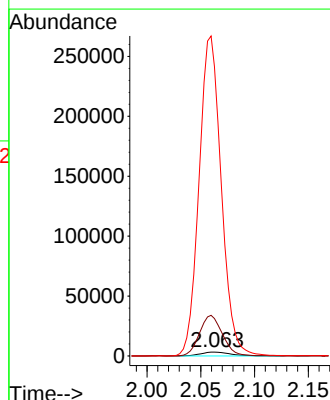
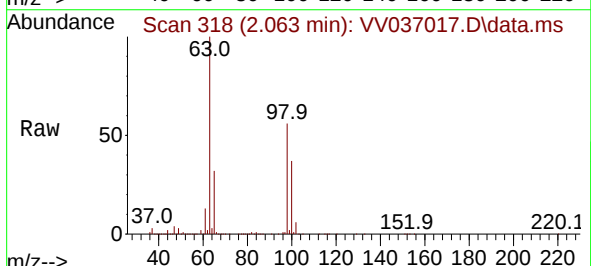
Instrument :
 MSVOA_V
 ClientSampleId :

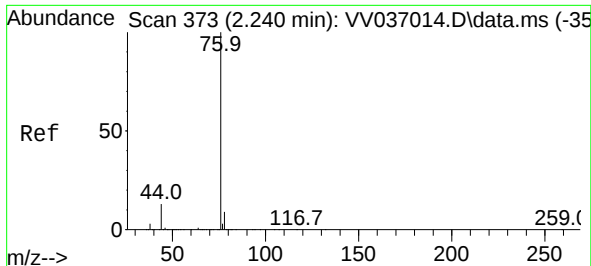
Tgt Ion: 101 Resp: 5522
 Ion Ratio Lower Upper
 101 100
 85 7.3 35.6 53.4#
 151 0.0 55.0 82.4#



#12
 1,1-Dichloroethene
 Concen: 1.379 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VV037017.D
 Acq: 26 Aug 2024 11:00

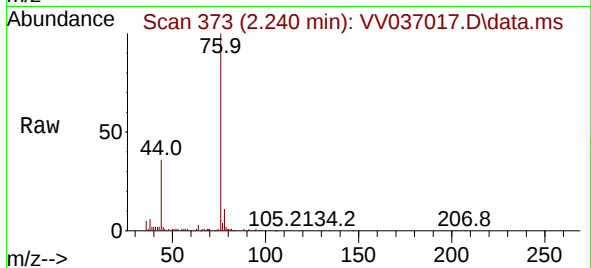
Tgt Ion: 96 Resp: 6304
 Ion Ratio Lower Upper
 96 100
 61 963.0 123.8 229.8#
 63 7445.6 96.5 179.1#



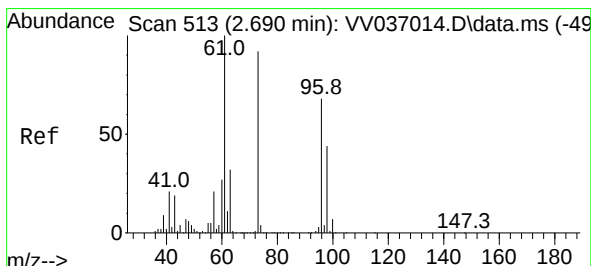
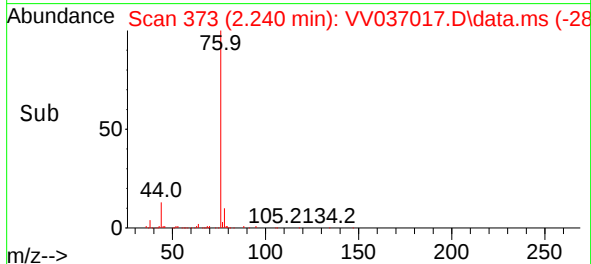
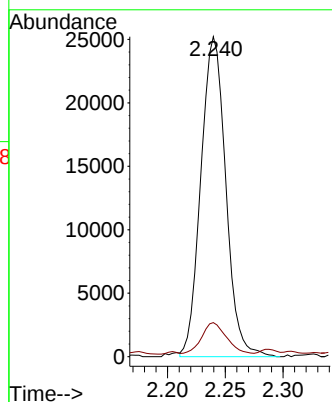


#14
Carbon disulfide
Concen: 2.733 ug/L
RT: 2.240 min Scan# 373
Delta R.T. -0.000 min
Lab File: VV037017.D
Acq: 26 Aug 2024 11:00

Instrument :
MSVOA_V
ClientSampleId :

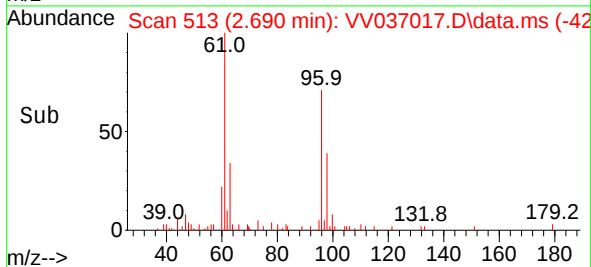
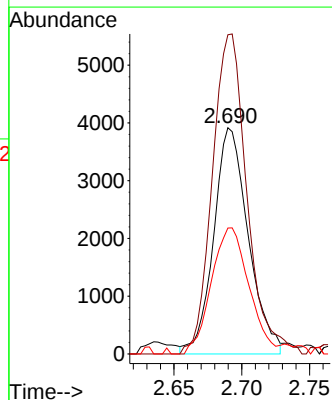
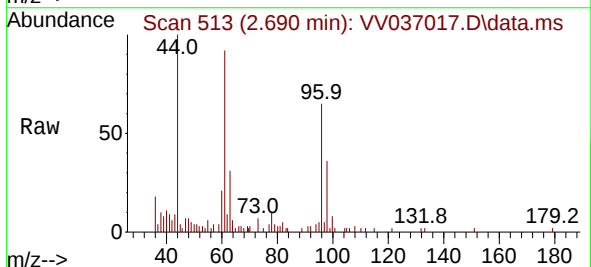


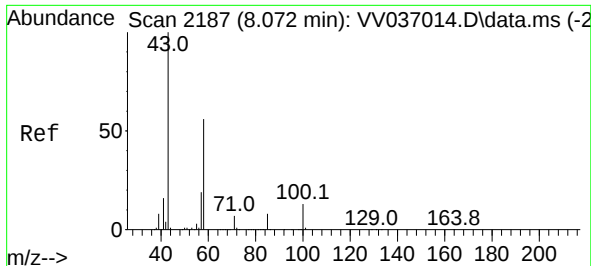
Tgt Ion: 76 Resp: 37915
Ion Ratio Lower Upper
76 100
78 10.6 7.5 11.3



#17
trans-1,2-Dichloroethene
Concen: 1.465 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV037017.D
Acq: 26 Aug 2024 11:00

Tgt Ion: 96 Resp: 6950
Ion Ratio Lower Upper
96 100
61 141.0 102.3 189.9
98 55.6 44.8 83.2





#48

2-Hexanone

Concen: 4.555 ug/L

RT: 8.088 min Scan# 2187

Delta R.T. 0.016 min

Lab File: VV037017.D

Acq: 26 Aug 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 18251

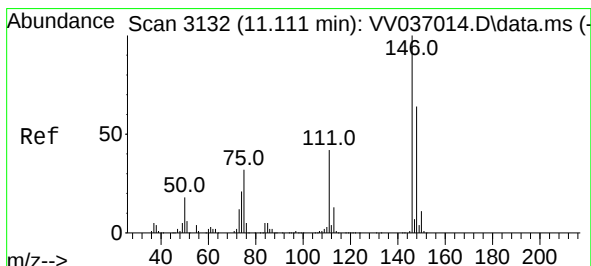
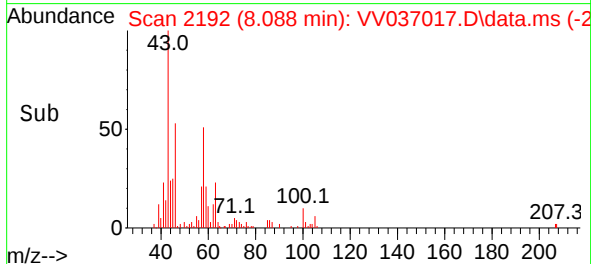
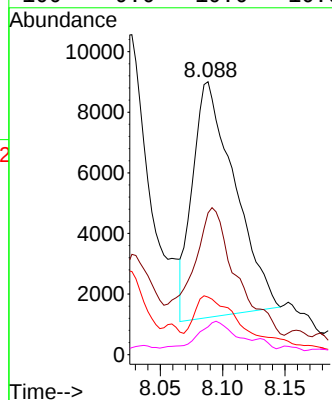
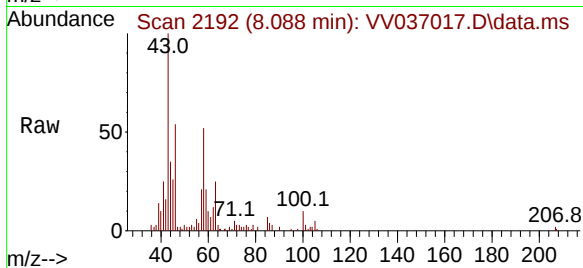
Ion Ratio Lower Upper

43 100

58 39.8 46.0 69.0#

57 21.9 15.6 23.4

100 9.6 10.6 16.0#



#64

1,3-Dichlorobenzene

Concen: 1.319 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.010 min

Lab File: VV037017.D

Acq: 26 Aug 2024 11:00

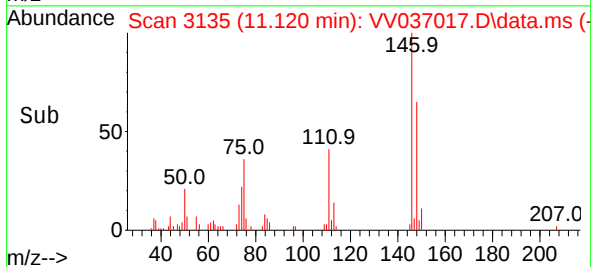
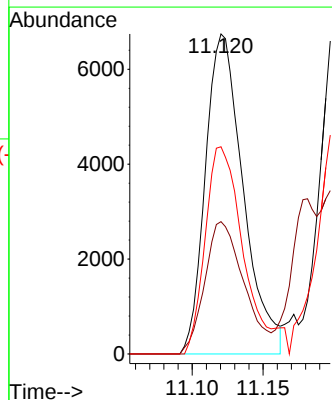
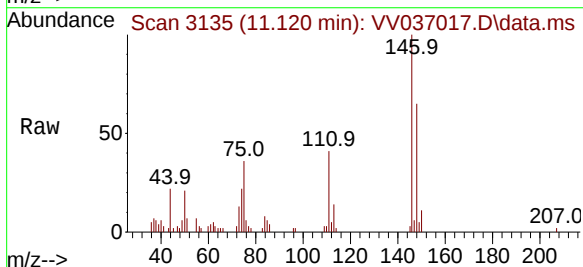
Tgt Ion:146 Resp: 12513

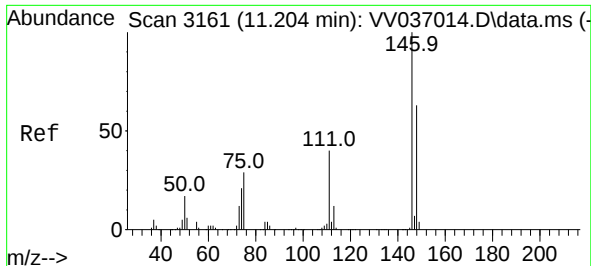
Ion Ratio Lower Upper

146 100

111 41.3 29.7 55.1

148 64.7 44.8 83.2





#65

1,4-Dichlorobenzene

Concen: 1.609 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV037017.D

Acq: 26 Aug 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

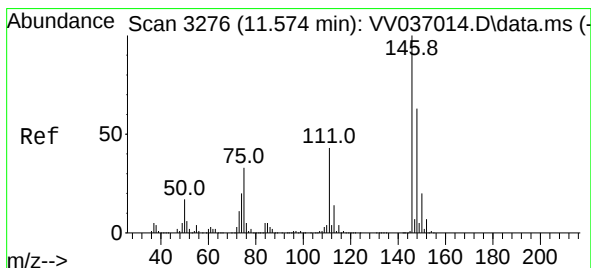
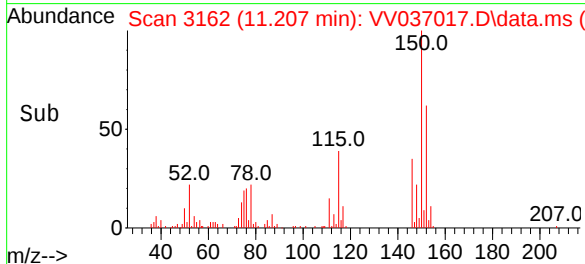
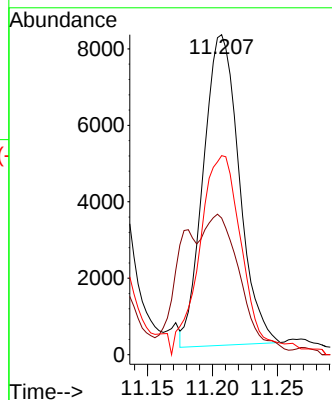
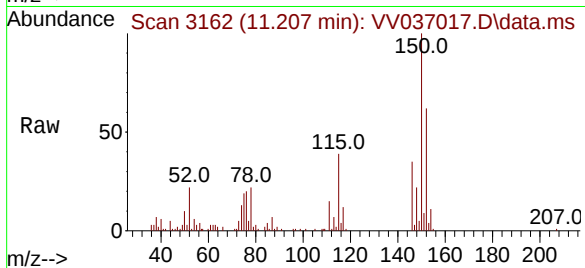
Tgt Ion:146 Resp: 15621

Ion Ratio Lower Upper

146 100

111 42.7 28.1 52.1

148 62.2 44.2 82.0



#67

1,2-Dichlorobenzene

Concen: 1.252 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. -0.000 min

Lab File: VV037017.D

Acq: 26 Aug 2024 11:00

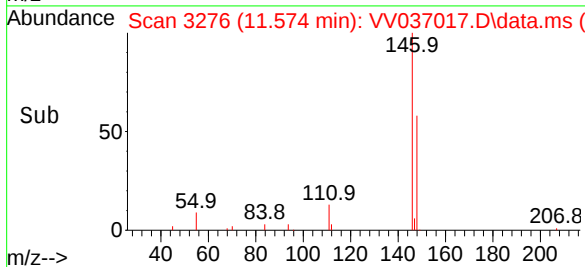
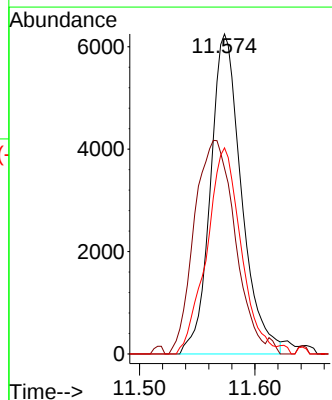
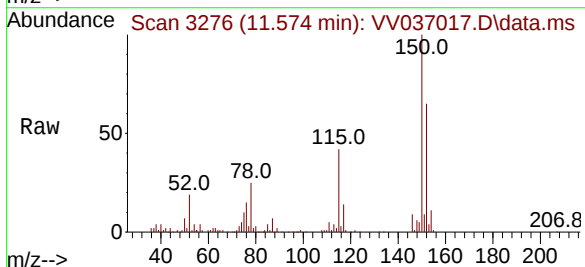
Tgt Ion:146 Resp: 11679

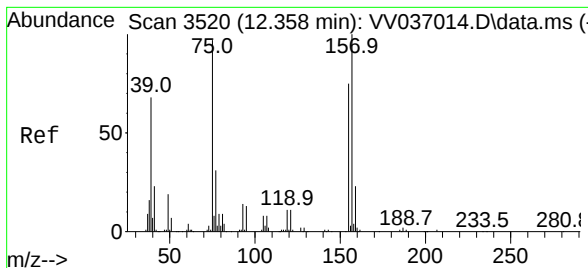
Ion Ratio Lower Upper

146 100

111 58.0 34.6 51.8#

148 64.4 50.2 75.4

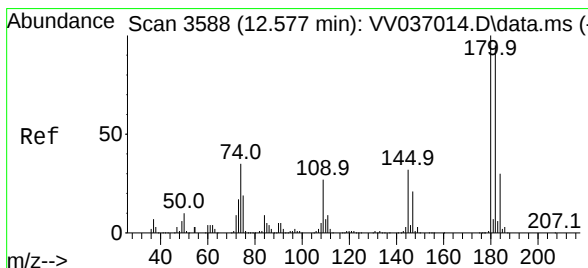
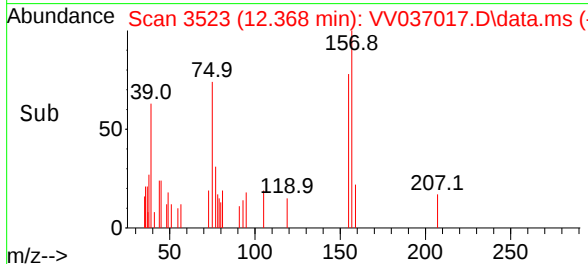
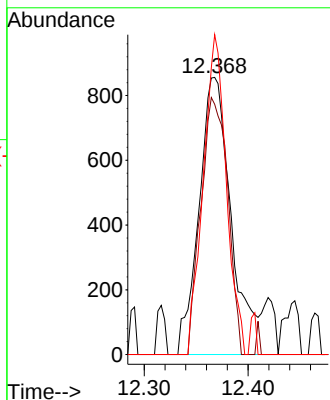
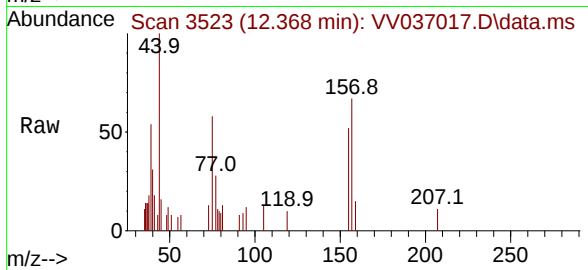




#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.607 ug/L
 RT: 12.368 min Scan# 3523
 Delta R.T. 0.010 min
 Lab File: VV037017.D
 Acq: 26 Aug 2024 11:00

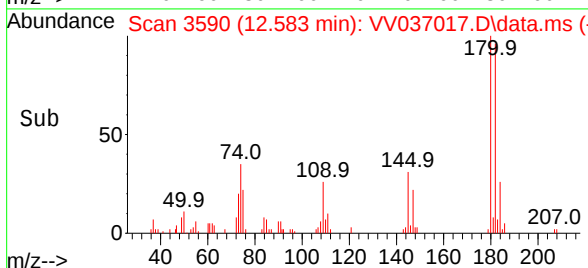
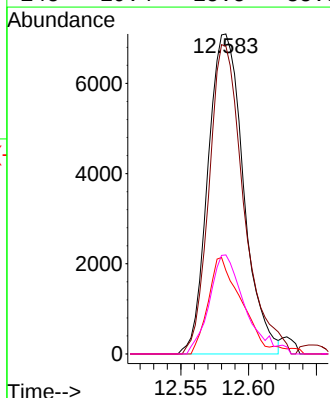
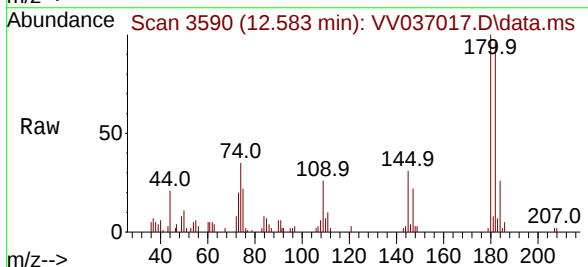
Instrument :
 MSVOA_V
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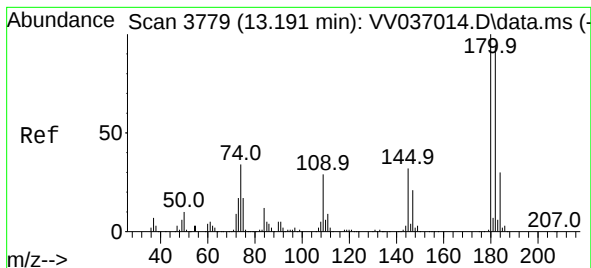
Tgt Ion: 75 Resp: 1975
 Ion Ratio Lower Upper
 75 100
 155 90.3 61.8 92.6
 157 115.4 82.5 123.7



#69
 1,3,5-Trichlorobenzene
 Concen: 1.961 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. 0.006 min
 Lab File: VV037017.D
 Acq: 26 Aug 2024 11:00

Tgt Ion: 180 Resp: 12941
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.7 115.1
 184 27.8 24.2 36.2
 145 29.4 25.5 38.3





#70

1,2,4-trichlorobenzene

Concen: 3.548 ug/L

RT: 13.197 min Scan# 3779

Delta R.T. 0.006 min

Lab File: VV037017.D

Acq: 26 Aug 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

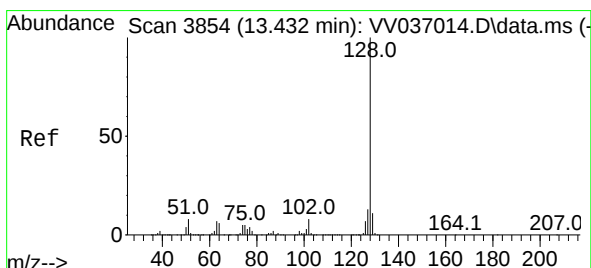
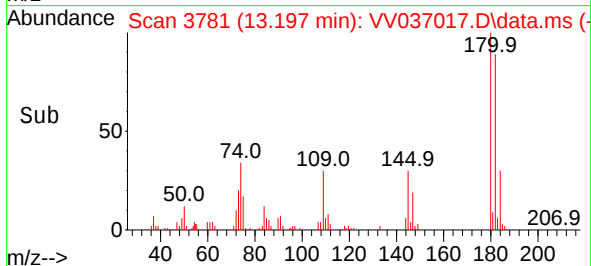
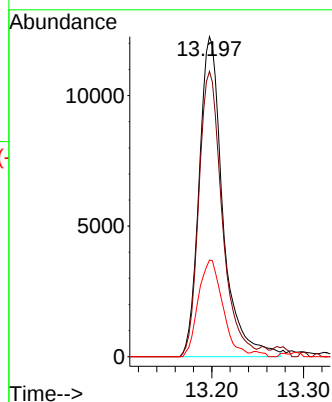
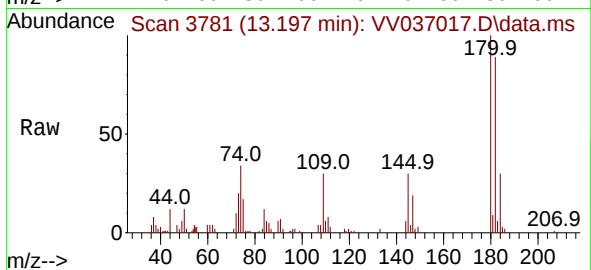
Tgt Ion:180 Resp: 22052

Ion Ratio Lower Upper

180 100

182 87.4 75.7 113.5

145 30.9 26.0 39.0



#71

Naphthalene

Concen: 9.943 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV037017.D

Acq: 26 Aug 2024 11:00

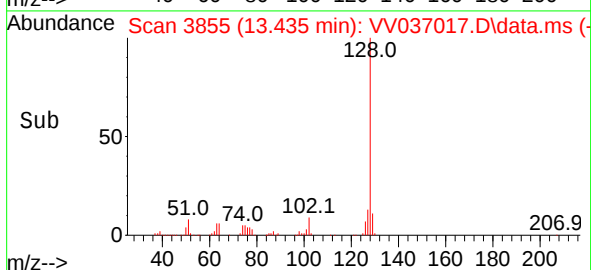
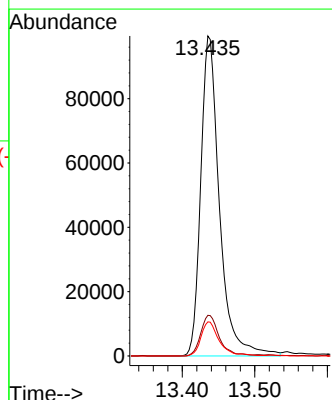
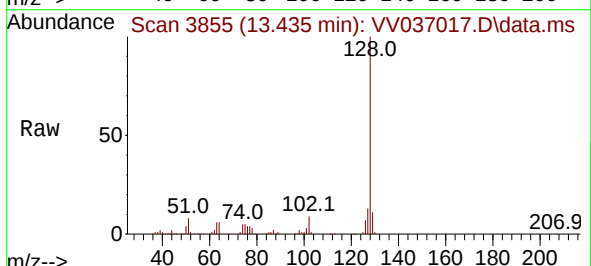
Tgt Ion:128 Resp: 178436

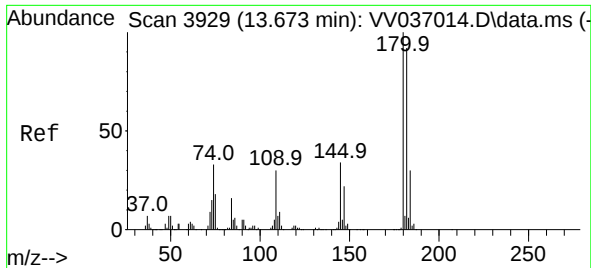
Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.2

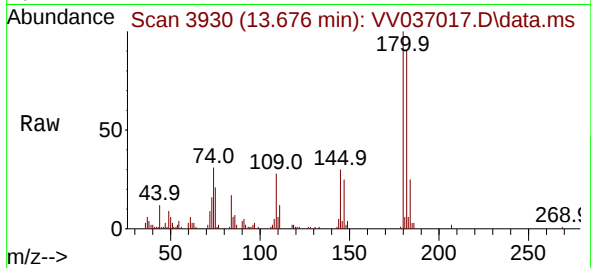
129 10.0 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 3.994 ug/L
 RT: 13.676 min Scan# 3930
 Delta R.T. 0.003 min
 Lab File: VV037017.D
 Acq: 26 Aug 2024 11:00

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	24464
Ion Ratio	Lower	Upper	
180	100		
182	92.5	75.1	112.7
145	32.6	27.0	40.4

