

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031574.D
 Acq On : 16 Jun 2023 14:23
 Operator : SY/MD
 Sample : 03249-04DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

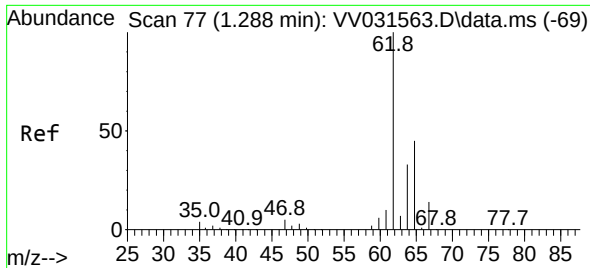
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYS6DL

Quant Time: Jun 17 02:29:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	227098	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	228047	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	114330	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	49988	33.074	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.140%
7) Chloroethane-d5	1.536	69	49168	37.283	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.560%
11) 1,1-Dichloroethene-d2	2.066	65	27897	35.813	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.620%
21) 2-Butanone-d5	3.799	46	103106	84.249	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.250%
24) Chloroform-d	4.259	84	146702	38.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.520%
26) 1,2-Dichloroethane-d4	4.950	65	100972	42.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.280%
32) Benzene-d6	4.969	84	258666	40.297	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	5.995	67	92464	40.642	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.280%
41) Toluene-d8	7.249	98	214862	36.476	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.960%#
43) trans-1,3-Dichloroprop...	7.558	79	42108	37.966	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.940%
47) 2-Hexanone-d5	8.034	63	77668	86.463	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.460%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	142950	41.627	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.260%
66) 1,2-Dichlorobenzene-d4	11.567	152	99957	45.866	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.740%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.288	62	18422	8.176	ug/L	99
8) Chloroethane	1.555	64	47168	32.411	ug/L	94
12) 1,1-Dichloroethene	2.069	96	1616	0.962	ug/L #	1
17) trans-1,2-Dichloroethene	2.709	96	1135	0.647	ug/L	89
19) 1,1-Dichloroethane	3.121	63	149535	39.500	ug/L	98
20) cis-1,2-Dichloroethene	3.828	96	53573	28.262	ug/L	97
25) Chloroform	4.294	83	8606	2.187	ug/L	96
30) 1,1,1-Trichloroethane	4.519	97	53500	14.632	ug/L	99
31) Carbon tetrachloride	4.519	117	6224	1.921	ug/L	98
39) cis-1,3-Dichloropropene	6.918	75	2553	0.771	ug/L	88
49) Dibromochloromethane	7.918	129	2169	0.927	ug/L #	9
61) 1,2,3-Trichloropropane	11.191	75	13705	6.069	ug/L #	65
63) 1,2,4-Trimethylbenzene	10.860	105	4879	0.869	ug/L	97

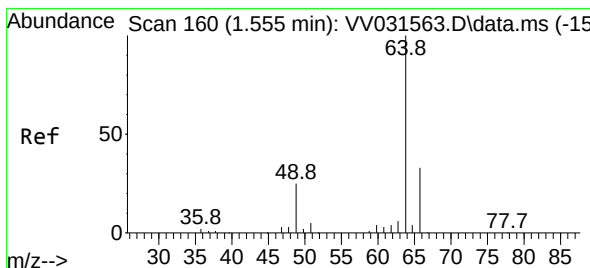
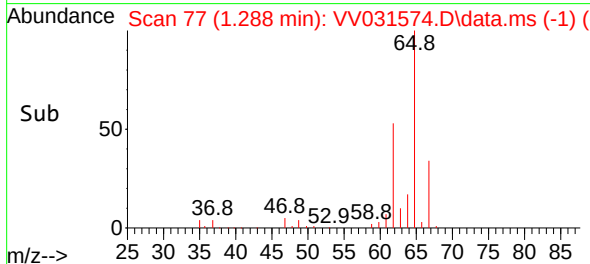
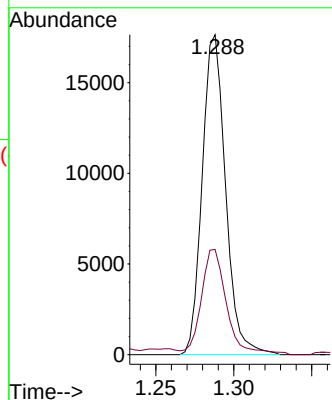
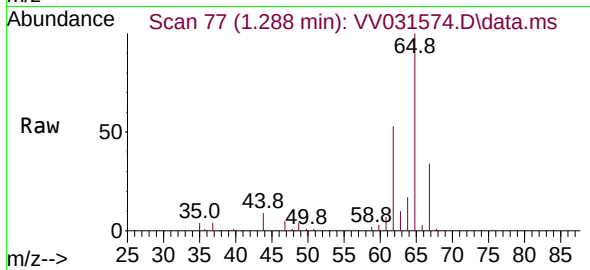
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 8.176 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV031574.D
 Acq: 16 Jun 2023 14:23

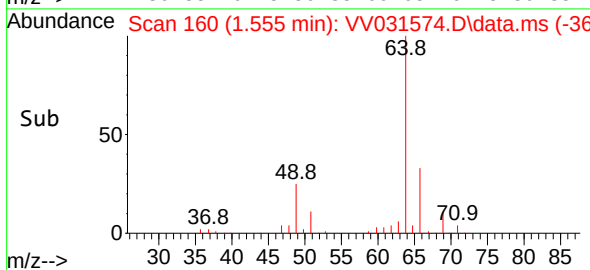
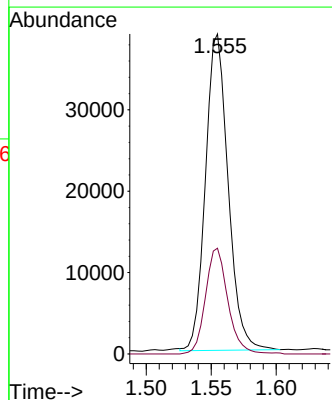
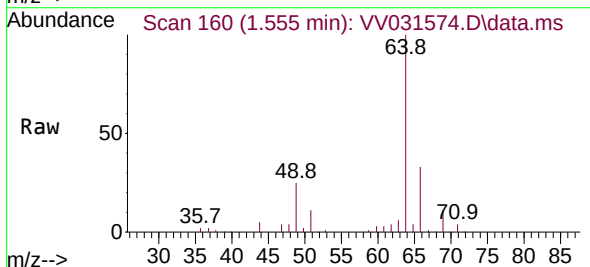
Instrument :
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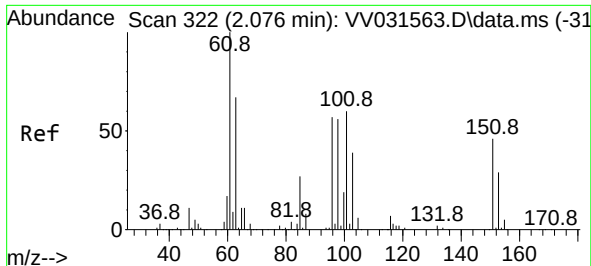
Tgt Ion: 62 Resp: 18422
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.4



#8
 Chloroethane
 Concen: 32.411 ug/L
 RT: 1.555 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VV031574.D
 Acq: 16 Jun 2023 14:23

Tgt Ion: 64 Resp: 47168
 Ion Ratio Lower Upper
 64 100
 66 33.1 21.0 39.0





#12

1,1-Dichloroethene

Concen: 0.962 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV031574.D

Acq: 16 Jun 2023 14:23

Instrument :

MSVOA_V

ClientSampleId :

EXYS6DL

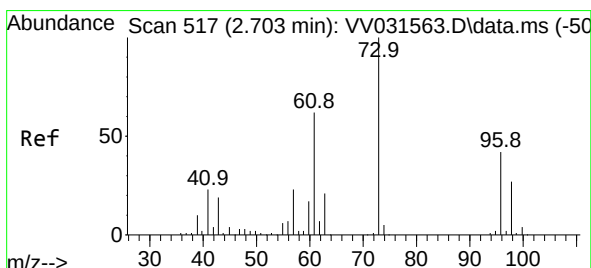
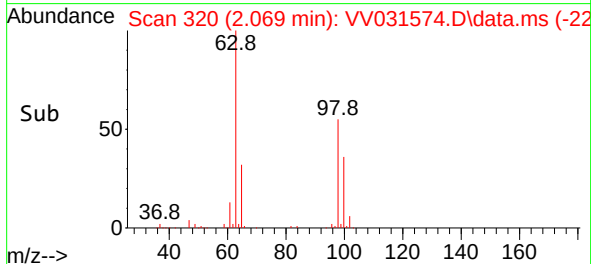
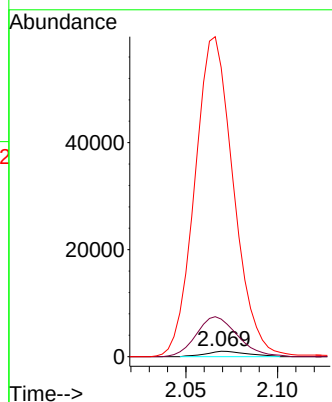
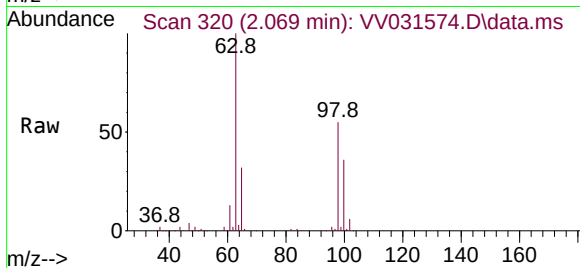
Tgt Ion: 96 Resp: 1616

Ion Ratio Lower Upper

96 100

61 680.3 128.9 239.5#

63 5244.6 95.3 177.1#



#17

trans-1,2-Dichloroethene

Concen: 0.647 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.006 min

Lab File: VV031574.D

Acq: 16 Jun 2023 14:23

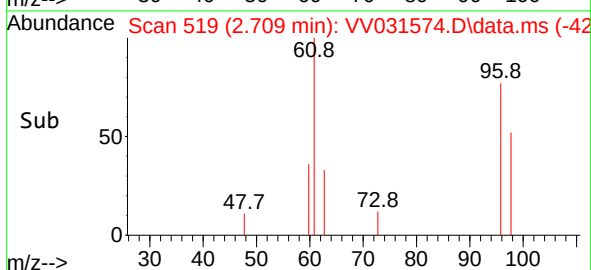
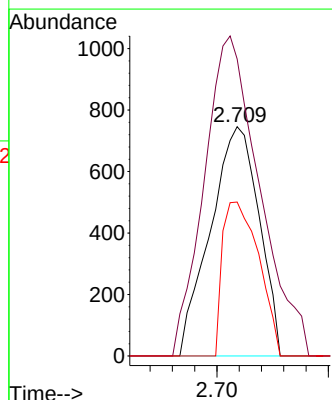
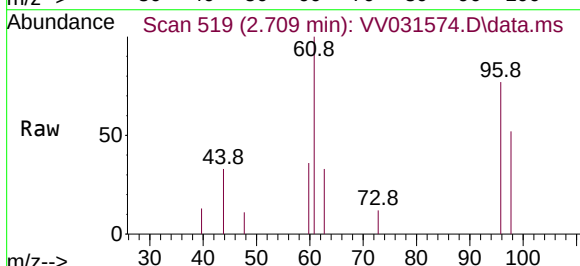
Tgt Ion: 96 Resp: 1135

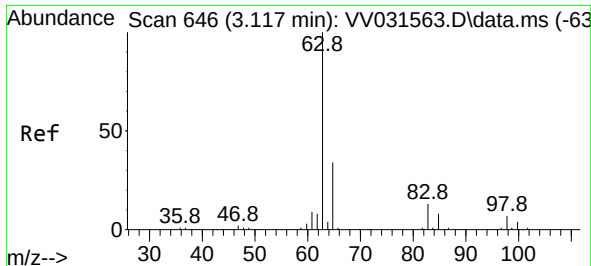
Ion Ratio Lower Upper

96 100

61 129.5 102.5 190.3

98 67.2 44.1 81.9





#19

1,1-Dichloroethane

Concen: 39.500 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031574.D

Acq: 16 Jun 2023 14:23

Instrument :

MSVOA_V

ClientSampleId :

EXYS6DL

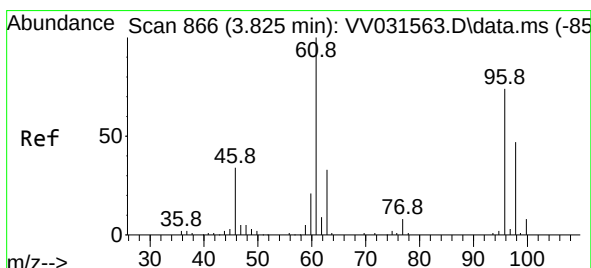
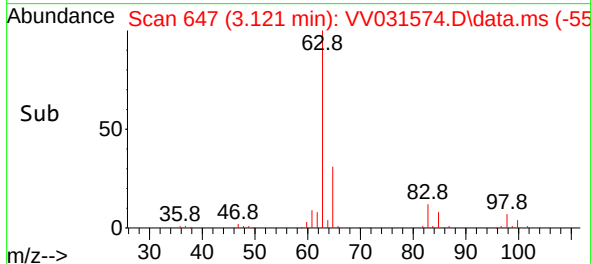
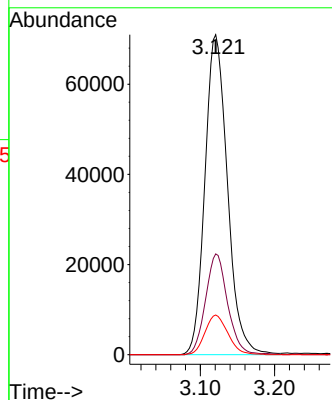
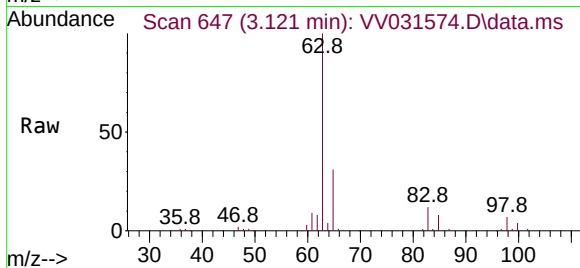
Tgt Ion: 63 Resp: 149535

Ion Ratio Lower Upper

63 100

65 31.5 22.5 41.7

83 13.1 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 28.262 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.003 min

Lab File: VV031574.D

Acq: 16 Jun 2023 14:23

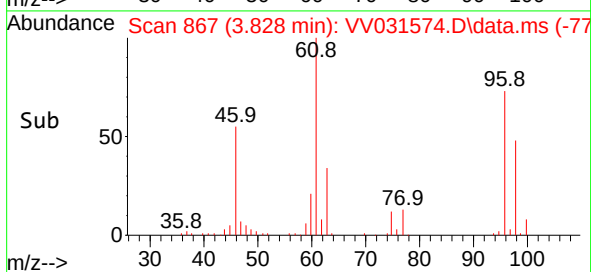
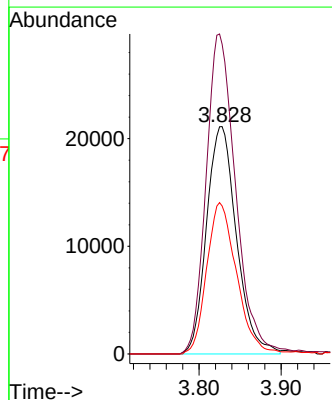
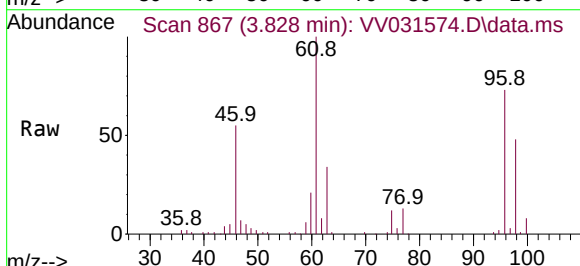
Tgt Ion: 96 Resp: 53573

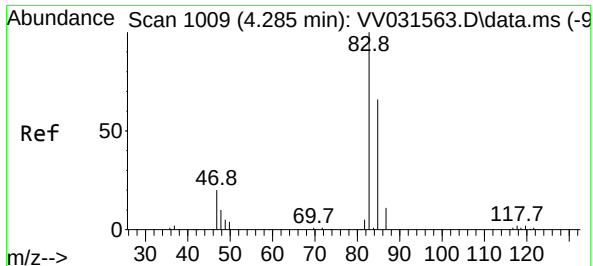
Ion Ratio Lower Upper

96 100

61 136.2 98.6 183.0

98 66.7 45.7 84.9





#25

Chloroform

Concen: 2.187 ug/L

RT: 4.294 min Scan# 1009

Delta R.T. 0.010 min

Lab File: VV031574.D

Acq: 16 Jun 2023 14:23

Instrument :

MSVOA_V

ClientSampleId :

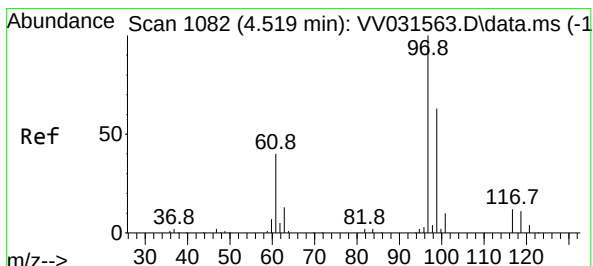
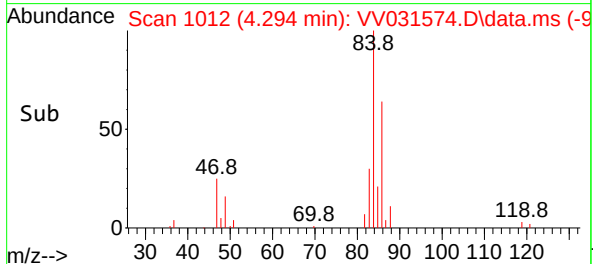
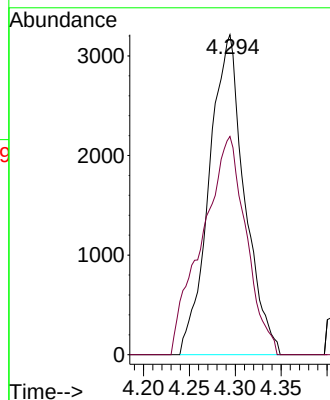
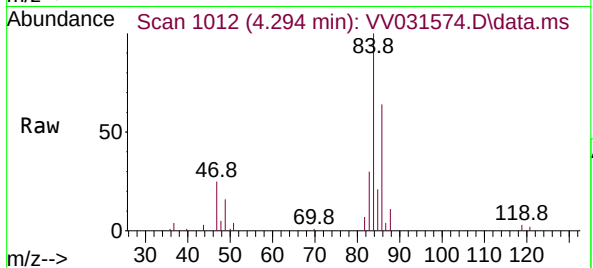
EXYS6DL

Tgt Ion: 83 Resp: 8606

Ion Ratio Lower Upper

83 100

85 68.2 45.3 84.1



#30

1,1,1-Trichloroethane

Concen: 14.632 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VV031574.D

Acq: 16 Jun 2023 14:23

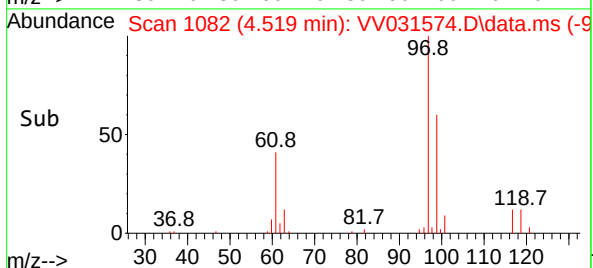
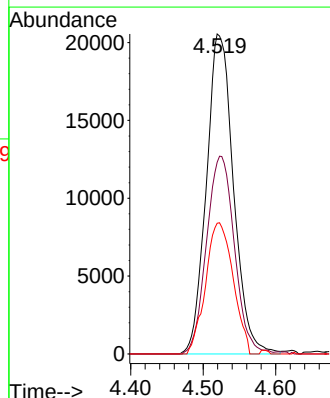
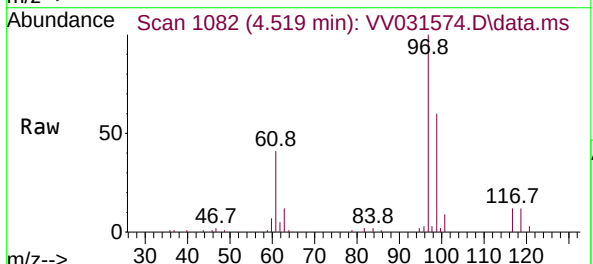
Tgt Ion: 97 Resp: 53500

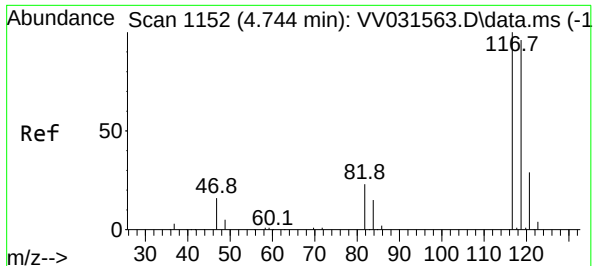
Ion Ratio Lower Upper

97 100

99 63.3 51.8 77.6

61 41.4 33.0 49.6

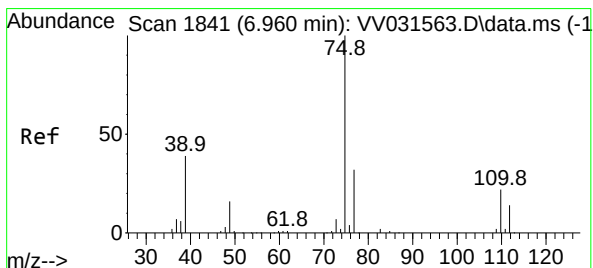
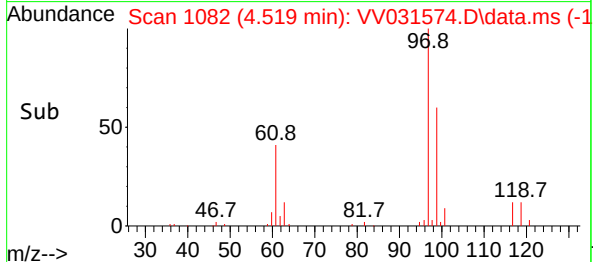
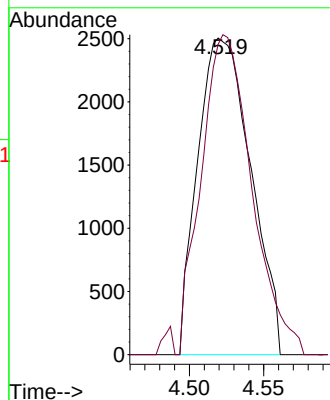
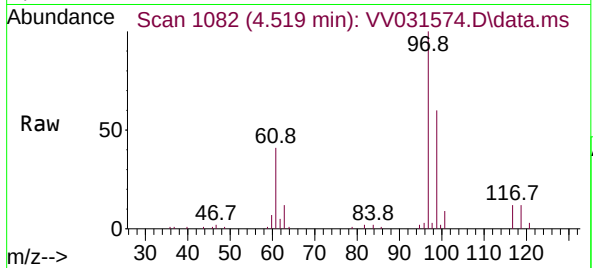




#31
Carbon tetrachloride
Concen: 1.921 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. -0.225 min
Lab File: VV031574.D
Acq: 16 Jun 2023 14:23

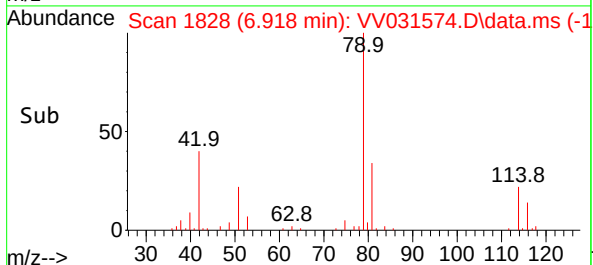
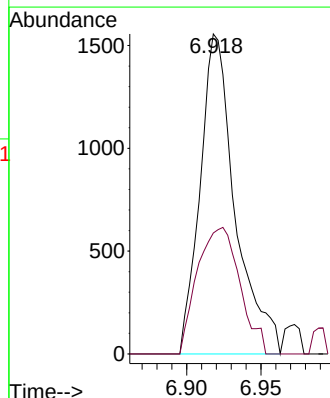
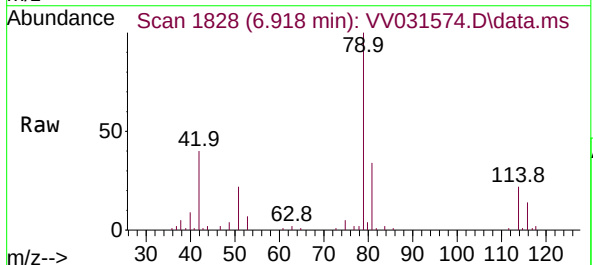
Instrument :
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EXYS6DL

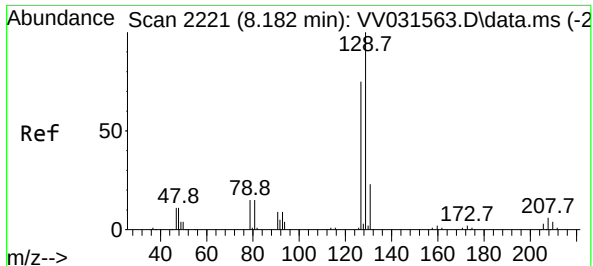
Tgt Ion:117 Resp: 6224
Ion Ratio Lower Upper
117 100
119 96.8 76.2 114.4



#39
cis-1,3-Dichloropropene
Concen: 0.771 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.042 min
Lab File: VV031574.D
Acq: 16 Jun 2023 14:23

Tgt Ion: 75 Resp: 2553
Ion Ratio Lower Upper
75 100
77 37.8 21.8 40.6





#49

Dibromochloromethane

Concen: 0.927 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. -0.264 min

Lab File: VV031574.D

Acq: 16 Jun 2023 14:23

Instrument :

MSVOA_V

ClientSampleId :

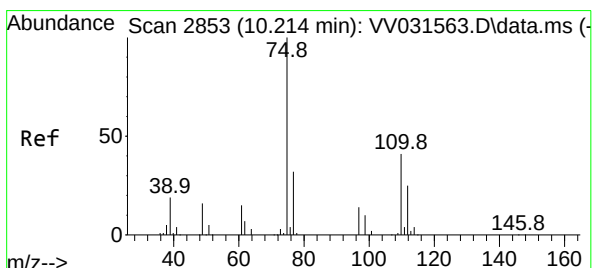
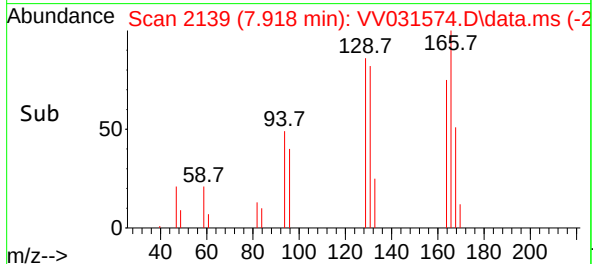
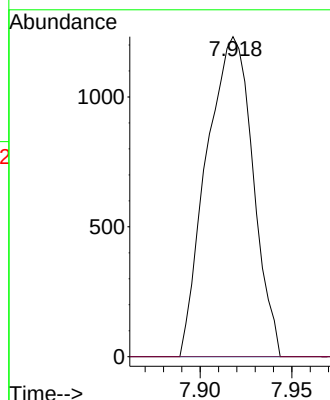
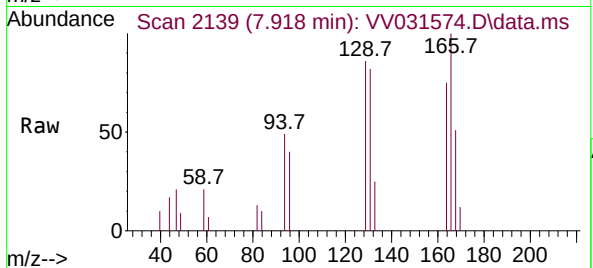
EXYS6DL

Tgt Ion:129 Resp: 2169

Ion Ratio Lower Upper

129 100

127 0.0 55.8 103.6#



#61

1,2,3-Trichloropropane

Concen: 6.069 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.977 min

Lab File: VV031574.D

Acq: 16 Jun 2023 14:23

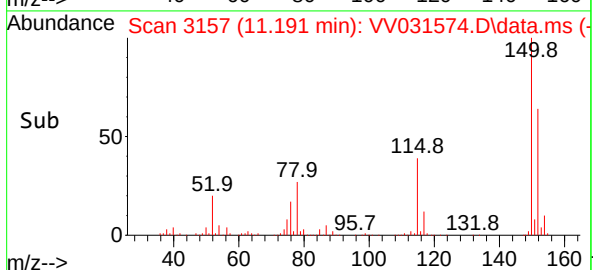
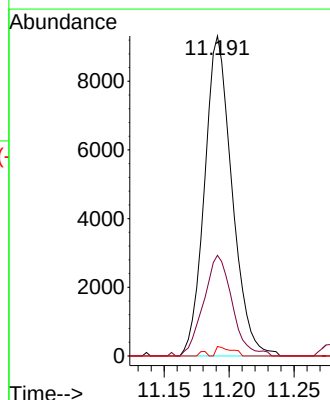
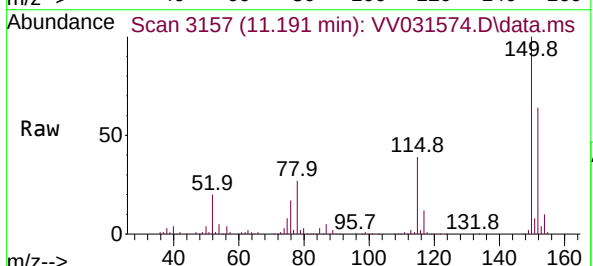
Tgt Ion: 75 Resp: 13705

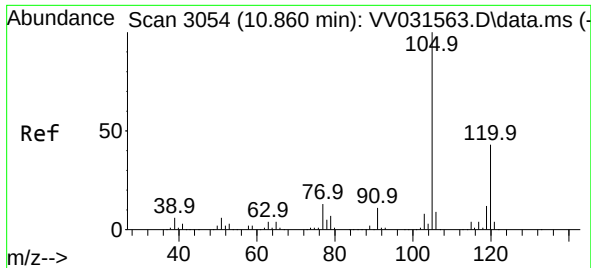
Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0

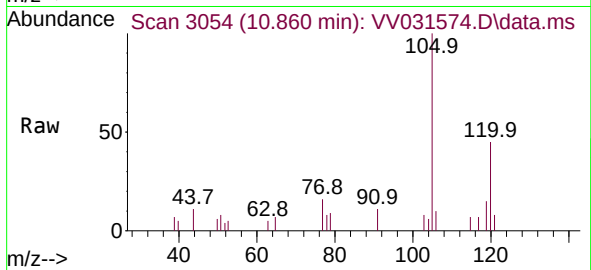
110 1.2 31.3 46.9#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.869 ug/L
 RT: 10.860 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VV031574.D
 Acq: 16 Jun 2023 14:23

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYS6DL



Tgt Ion:105 Resp: 4879
 Ion Ratio Lower Upper
 105 100
 120 43.7 33.4 50.2

