

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110121\
 Data File : VV023125.D
 Acq On : 01 Nov 2021 18:55
 Operator : SY/MD
 Sample : M4400-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 01:17:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 01:11:36 2021
 Response via : Initial Calibration

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

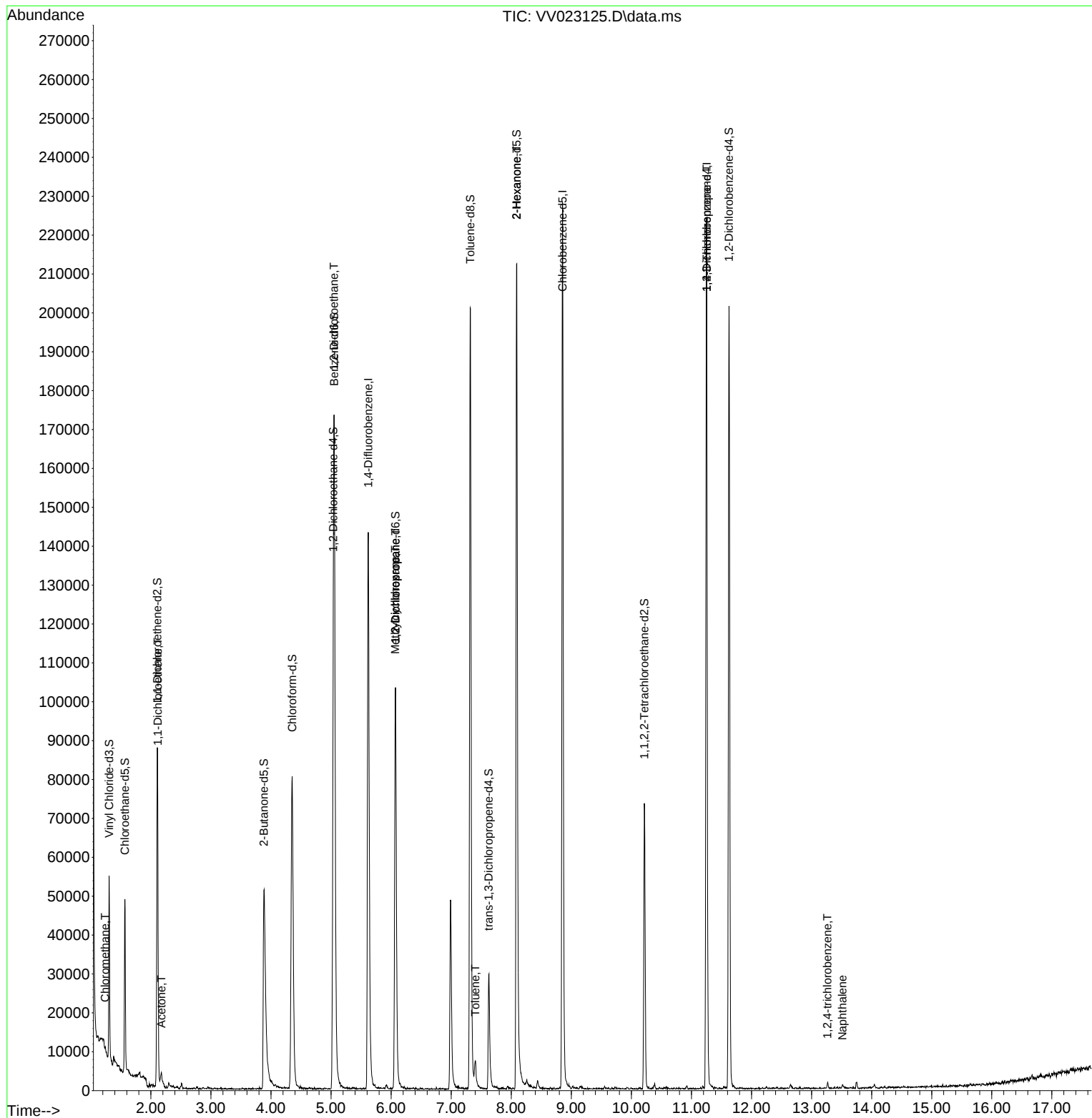
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	128311	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	129670	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	60389	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	28417	2.535	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	50.600%
7) Chloroethane-d5	1.568	69	26890	3.877	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.108	63	45927	2.839	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.800%#
20) 2-Butanone-d5	3.883	46	87889	48.866	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.740%
24) Chloroform-d	4.352	84	84112	4.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.037	65	39477	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.053	84	157156	4.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.072	67	50046	4.294	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.320	98	134693	3.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.625	79	17509	4.288	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.088	63	70626	46.718	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34352	4.269	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	52921	4.912	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
3) Chloromethane	1.240	50	522	0.059	ug/L	84
12) 1,1-Dichloroethene	2.114	96	413	0.063	ug/L #	1
13) Acetone	2.175	43	4317	4.892	ug/L	90
27) 1,2-Dichloroethane	5.050	62	1058	0.118	ug/L #	72
35) Methylcyclohexane	6.069	83	12069	0.961	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5735	0.652	ug/L #	83
42) Toluene	7.400	91	5509	0.156	ug/L	88
48) 2-Hexanone	8.091	43	9434	3.069	ug/L #	69
61) 1,2,3-Trichloropropane	11.252	75	6644	1.563	ug/L #	66
70) 1,2,4-trichlorobenzene	13.265	180	717	0.078	ug/L #	80
71) Naphthalene	13.512	128	1141	0.082	ug/L #	88

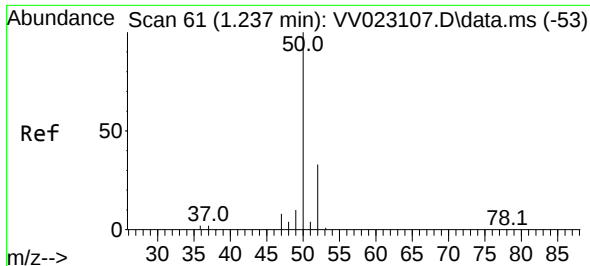
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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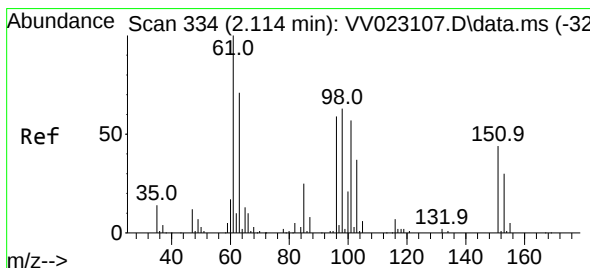
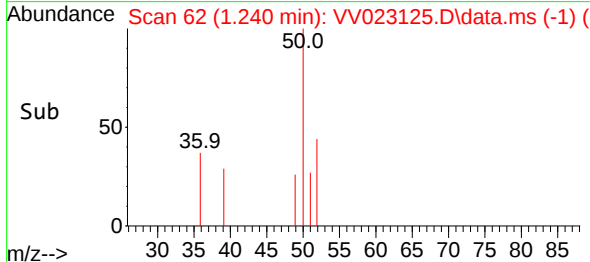
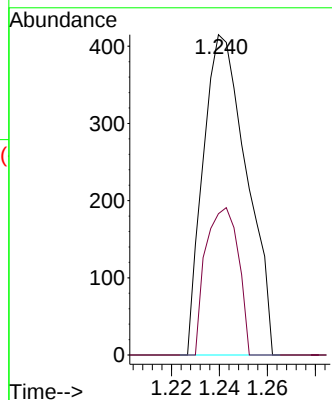
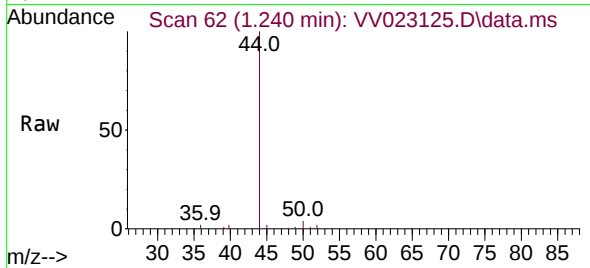




#3
Chloromethane
Concen: 0.059 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023125.D
Acq: 01 Nov 2021 18:55

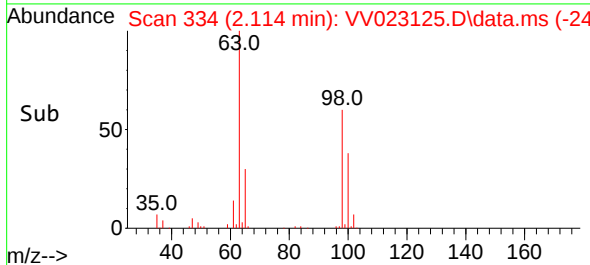
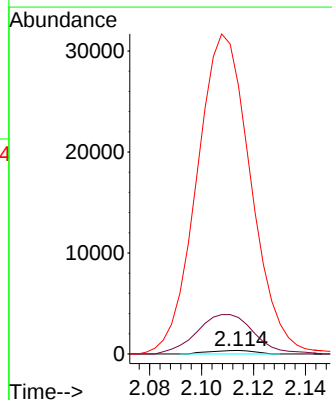
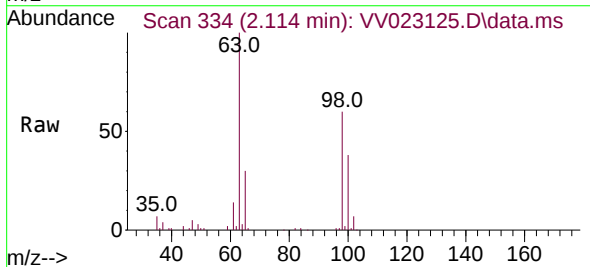
Instrument :
MSVOA_V
ClientSampleId :

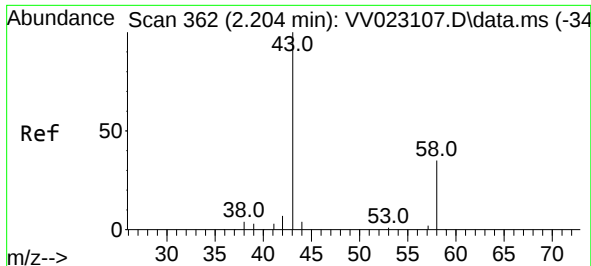
Tgt Ion: 50 Resp: 522
Ion Ratio Lower Upper
50 100
52 44.1 24.3 45.1



#12
1,1-Dichloroethene
Concen: 0.063 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV023125.D
Acq: 01 Nov 2021 18:55

Tgt Ion: 96 Resp: 413
Ion Ratio Lower Upper
96 100
61 1059.2 121.5 225.7#
63 7795.9 99.6 185.0#





#13

Acetone

Concen: 4.892 ug/L

RT: 2.175 min Scan# 31

Delta R.T. -0.029 min

Lab File: VV023125.D

Acq: 01 Nov 2021 18:55

Instrument :

MSVOA_V

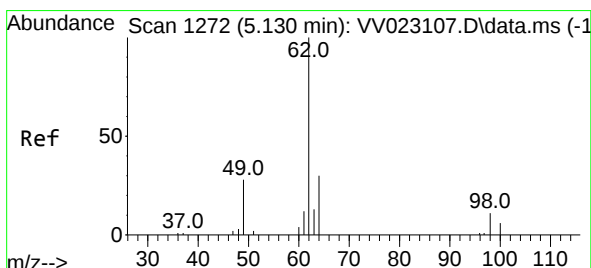
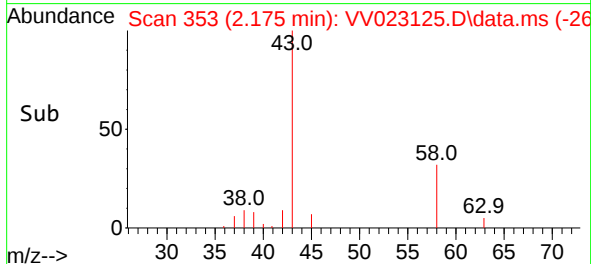
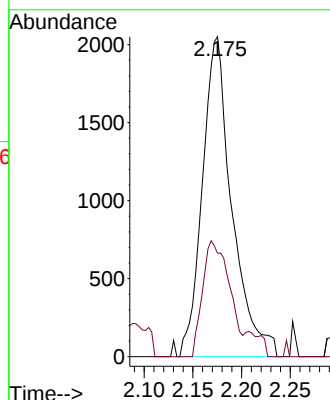
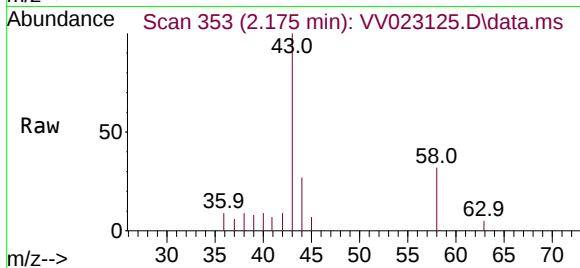
ClientSampleId :

Tgt Ion: 43 Resp: 4317

Ion Ratio Lower Upper

43 100

58 32.8 0.0 55.4



#27

1,2-Dichloroethane

Concen: 0.118 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.081 min

Lab File: VV023125.D

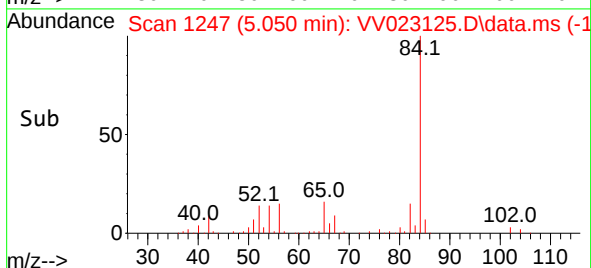
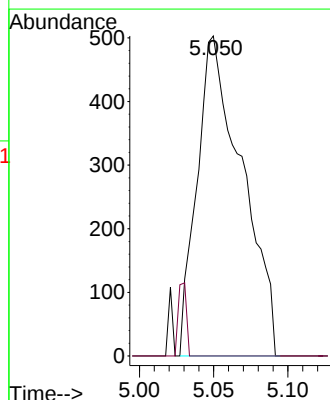
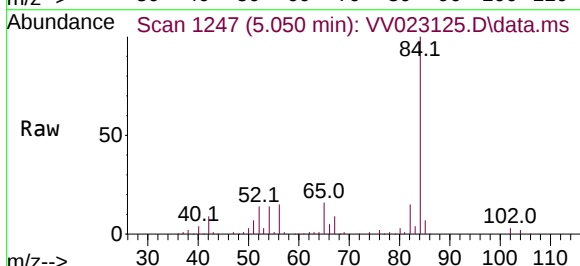
Acq: 01 Nov 2021 18:55

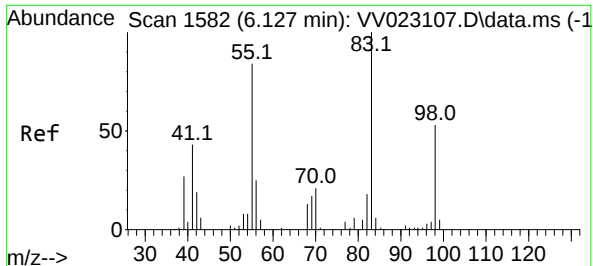
Tgt Ion: 62 Resp: 1058

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#





#35

Methylcyclohexane

Concen: 0.961 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV023125.D

Acq: 01 Nov 2021 18:55

Instrument :

MSVOA_V

ClientSampleId :

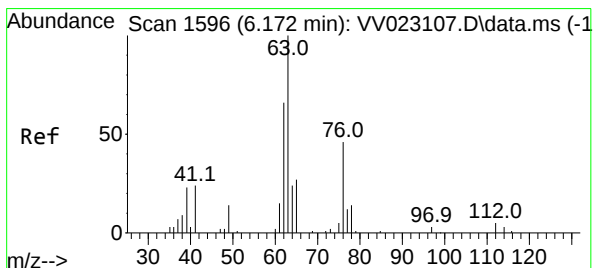
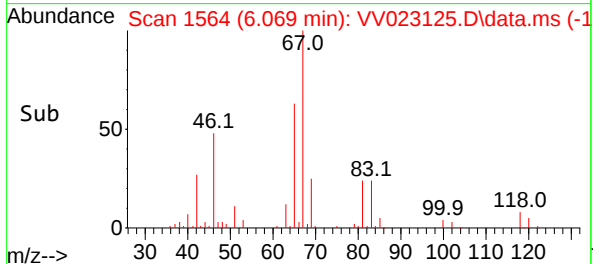
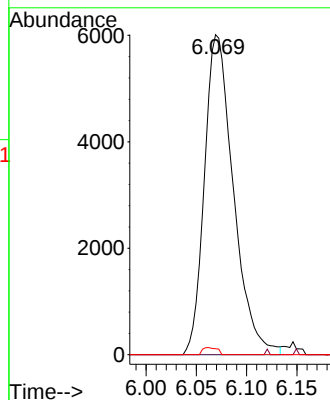
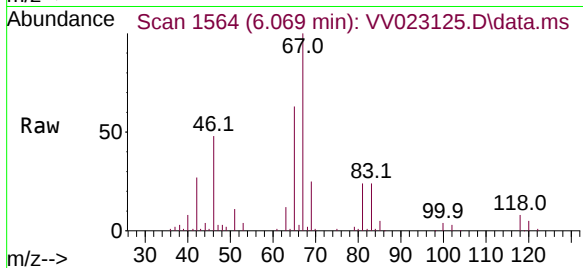
Tgt Ion: 83 Resp: 12069

Ion Ratio Lower Upper

83 100

55 0.2 62.8 94.2#

98 1.1 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.652 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV023125.D

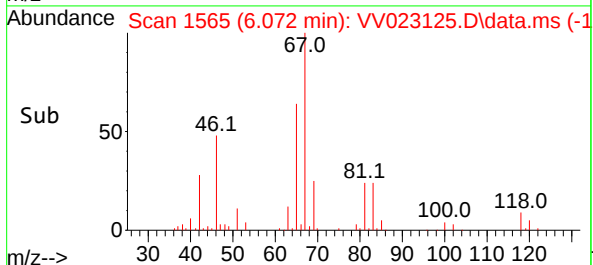
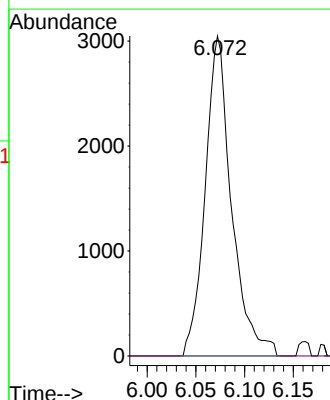
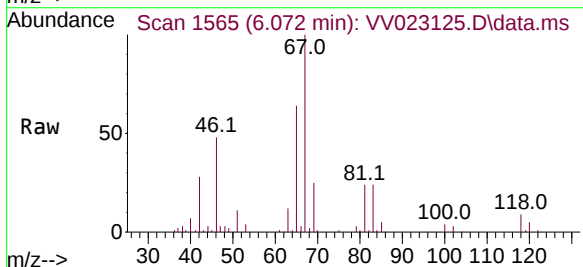
Acq: 01 Nov 2021 18:55

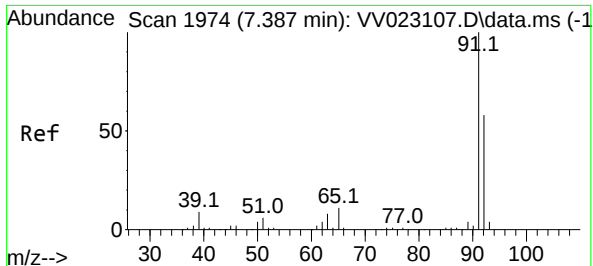
Tgt Ion: 63 Resp: 5735

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#

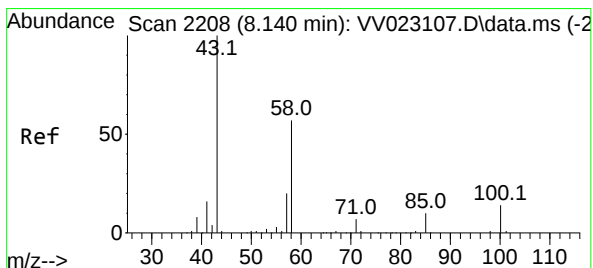
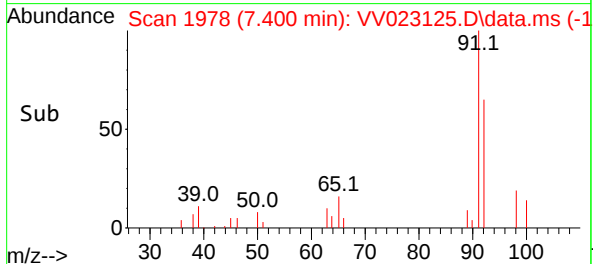
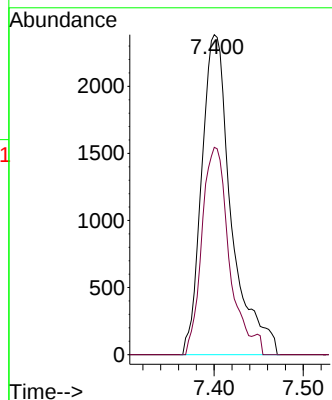
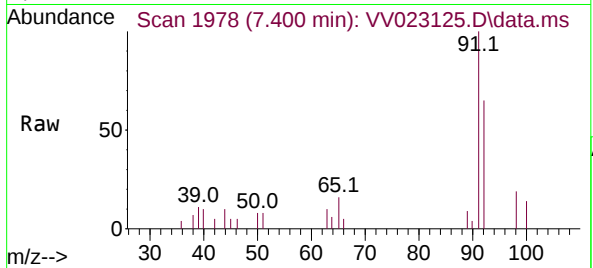




#42
Toluene
Concen: 0.156 ug/L
RT: 7.400 min Scan# 1974
Delta R.T. 0.013 min
Lab File: VV023125.D
Acq: 01 Nov 2021 18:55

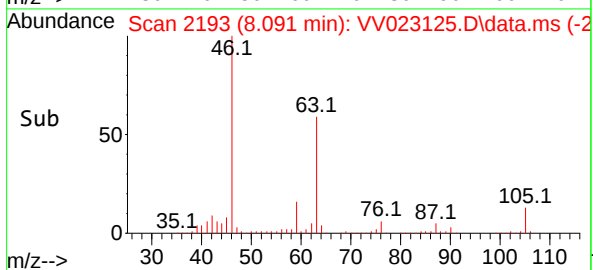
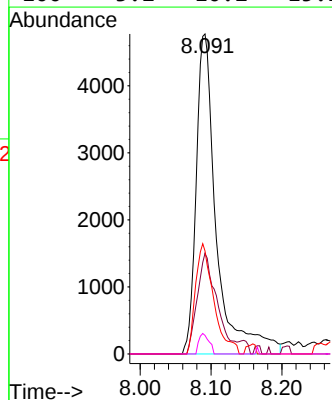
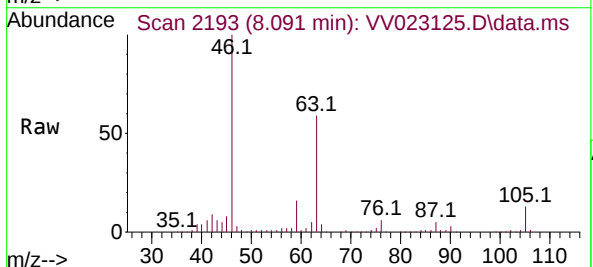
Instrument :
MSVOA_V
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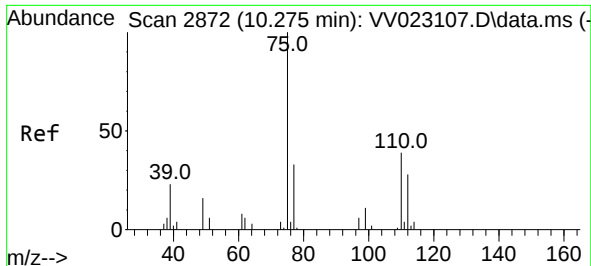
Tgt Ion: 91 Resp: 5509
Ion Ratio Lower Upper
91 100
92 64.8 39.3 72.9



#48
2-Hexanone
Concen: 3.069 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV023125.D
Acq: 01 Nov 2021 18:55

Tgt Ion: 43 Resp: 9434
Ion Ratio Lower Upper
43 100
58 30.8 43.7 65.5#
57 31.0 14.1 21.1#
100 3.2 10.2 15.2#

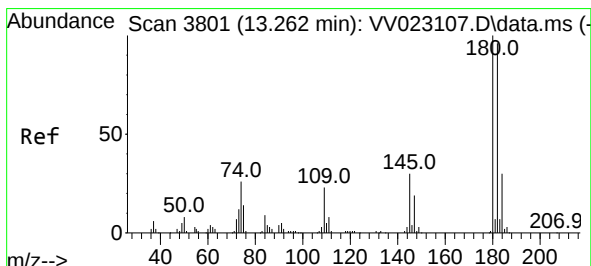
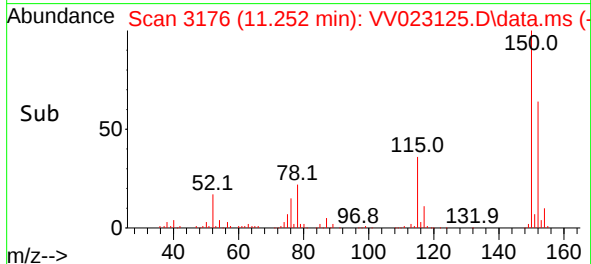
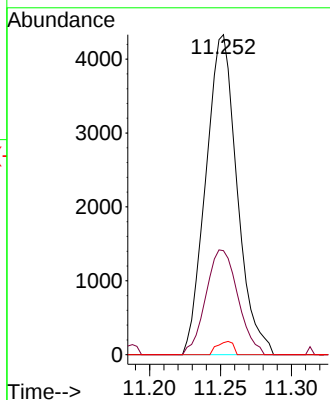
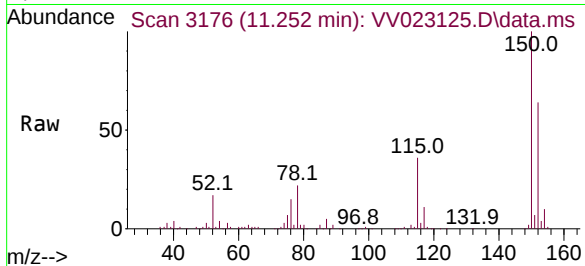




#61
1,2,3-Trichloropropane
Concen: 1.563 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV023125.D
Acq: 01 Nov 2021 18:55

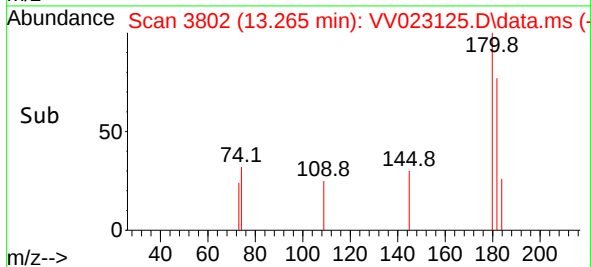
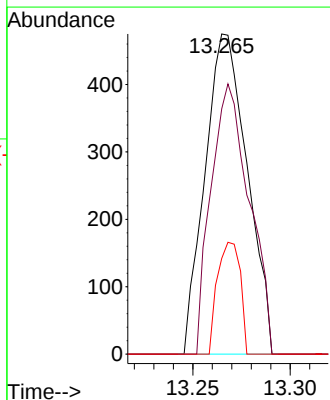
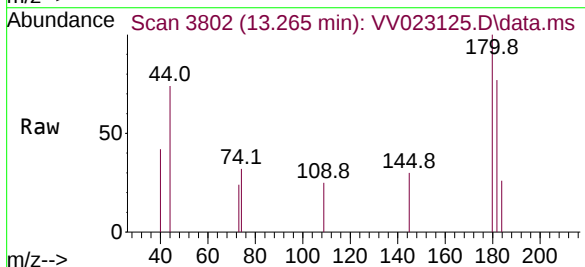
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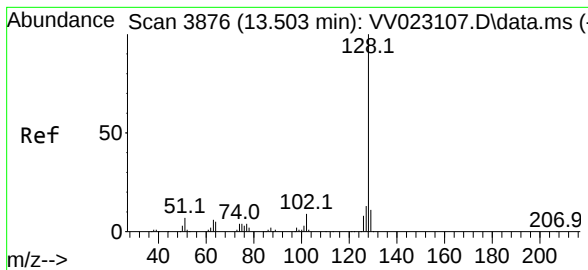
Tgt Ion: 75 Resp: 6644
Ion Ratio Lower Upper
75 100
77 33.6 26.6 39.8
110 2.2 31.8 47.6#



#70
1,2,4-trichlorobenzene
Concen: 0.078 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV023125.D
Acq: 01 Nov 2021 18:55

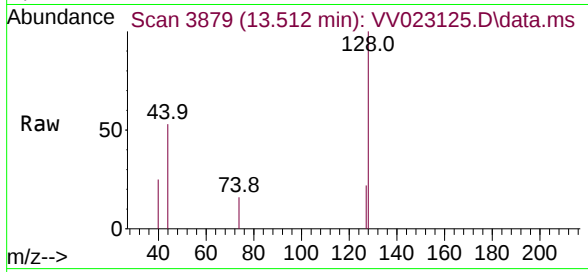
Tgt Ion:180 Resp: 717
Ion Ratio Lower Upper
180 100
182 76.4 76.9 115.3#
145 18.7 24.4 36.6#





#71
Naphthalene
Concen: 0.082 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV023125.D
Acq: 01 Nov 2021 18:55

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	1141
Ion	Ratio	Lower	Upper
128	100		
129	1.8	8.6	13.0#
127	14.3	10.5	15.7

