

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111622\
 Data File : VV029050.D
 Acq On : 17 Nov 2022 05:05
 Operator : SY/MD
 Sample : N5592-11DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

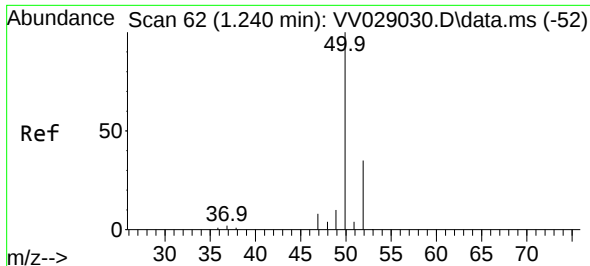
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB6DL

Quant Time: Nov 17 05:38:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 04:20:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	278097	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	255856	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	119448	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	72771	4.292	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.568	69	59008	3.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.108	63	99539	3.222	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.895	46	155360	54.742	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.480%
24) Chloroform-d	4.346	84	158465	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.030	65	73938	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.047	84	339312	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.066	67	97220	4.559	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.310	98	311337	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	7.622	79	29865	4.294	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.088	63	127518	42.952	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.900%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70225	4.750	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	112652	5.271	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	994	0.052	ug/L	94
6) Bromomethane	1.523	94	539	0.041	ug/L	85
8) Chloroethane	1.307	64	6662	0.517	ug/L	95
12) 1,1-Dichloroethene	2.117	96	6439	0.382	ug/L #	1
16) Methylene chloride	2.506	84	26407	1.213	ug/L	89
22) cis-1,2-Dichloroethene	3.908	96	1398	0.070	ug/L #	68
25) Chloroform	4.371	83	2639	0.079	ug/L	94
34) Trichloroethene	5.915	95	34983	1.748	ug/L	94
35) Methylcyclohexane	6.066	83	24301	0.691	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10312	0.572	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	2200	0.087	ug/L #	37
47) Tetrachloroethene	7.969	164	89351	5.575	ug/L	97
49) Dibromochloromethane	7.969	129	79176	5.549	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	11914	1.460	ug/L #	66

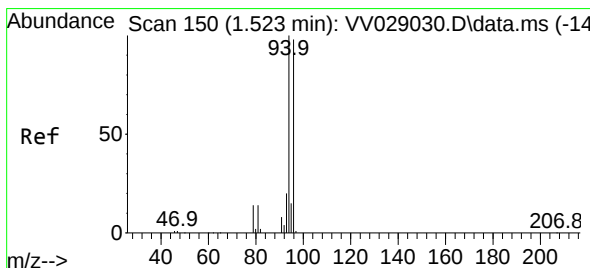
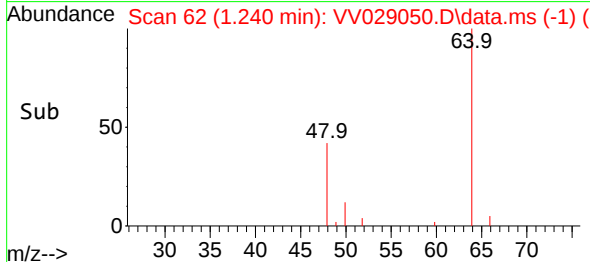
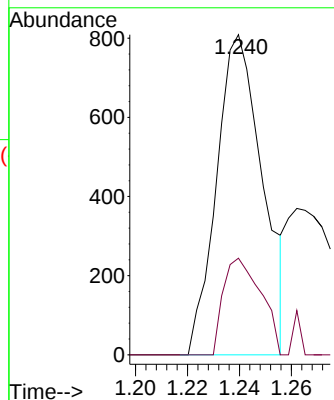
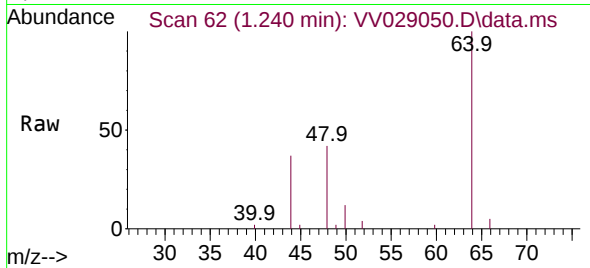
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.052 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029050.D
Acq: 17 Nov 2022 05:05

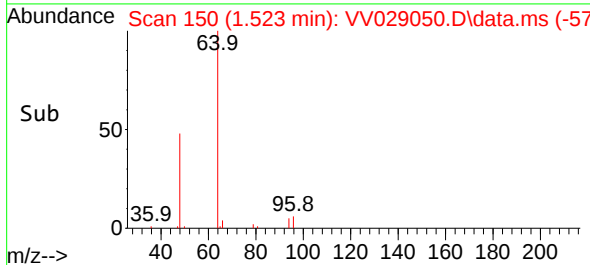
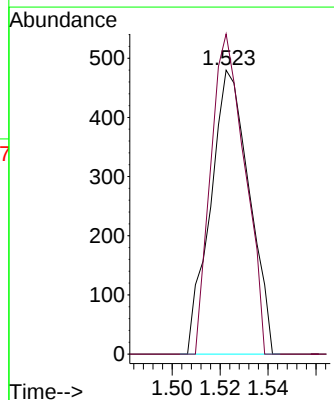
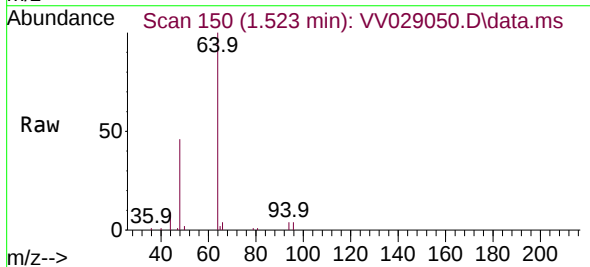
Instrument :
MSVOA_V
ClientSampleId :
H0AB6DL

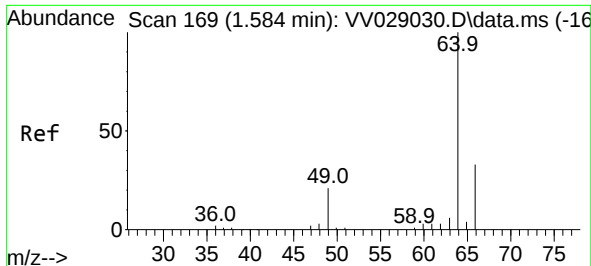
Tgt Ion: 50 Resp: 994
Ion Ratio Lower Upper
50 100
52 30.2 23.7 43.9



#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV029050.D
Acq: 17 Nov 2022 05:05

Tgt Ion: 94 Resp: 539
Ion Ratio Lower Upper
94 100
96 112.7 68.5 127.3

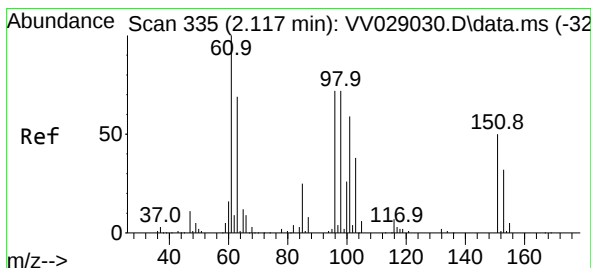
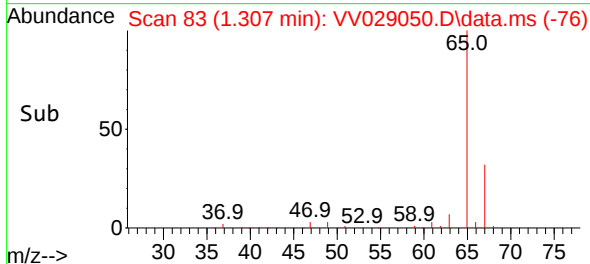
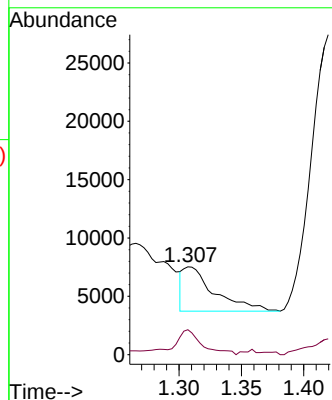
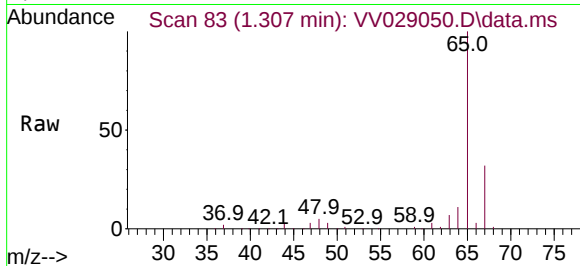




#8
Chloroethane
Concen: 0.517 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.277 min
Lab File: VV029050.D
Acq: 17 Nov 2022 05:05

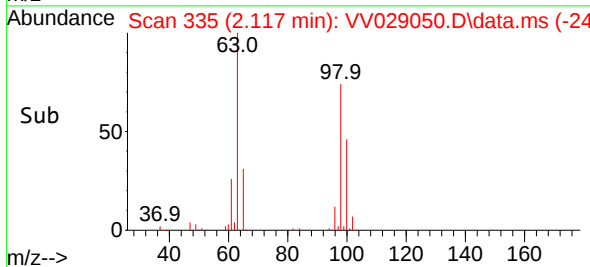
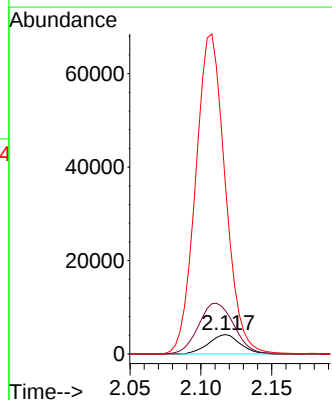
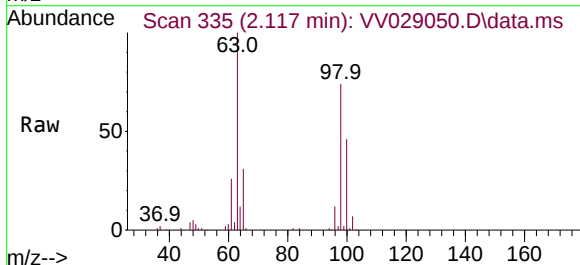
Instrument :
MSVOA_V
ClientSampleId :
H0AB6DL

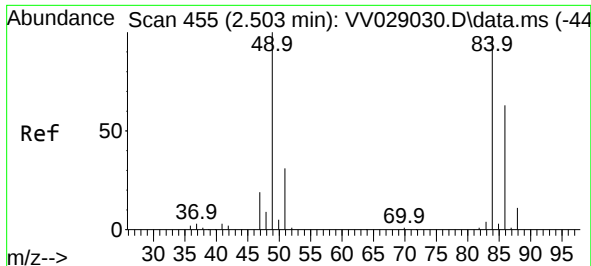
Tgt Ion: 64 Resp: 6662
Ion Ratio Lower Upper
64 100
66 28.5 22.0 40.8



#12
1,1-Dichloroethene
Concen: 0.382 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV029050.D
Acq: 17 Nov 2022 05:05

Tgt Ion: 96 Resp: 6439
Ion Ratio Lower Upper
96 100
61 222.1 104.2 193.4#
63 864.2 75.9 140.9#

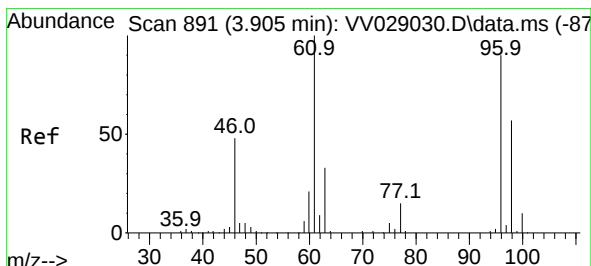
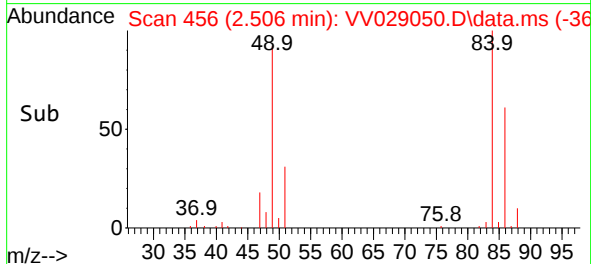
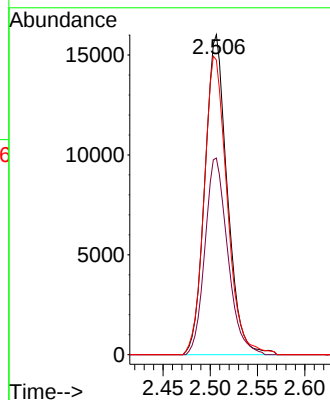
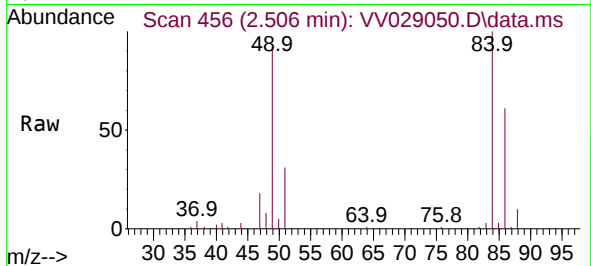




#16
Methylene chloride
Concen: 1.213 ug/L
RT: 2.506 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029050.D
Acq: 17 Nov 2022 05:05

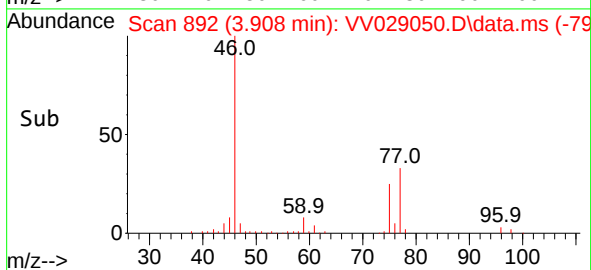
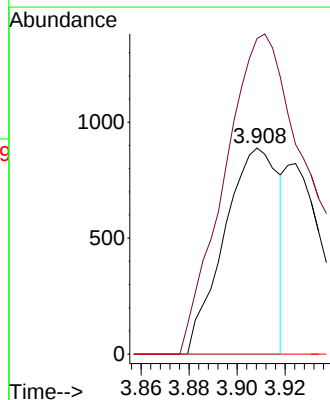
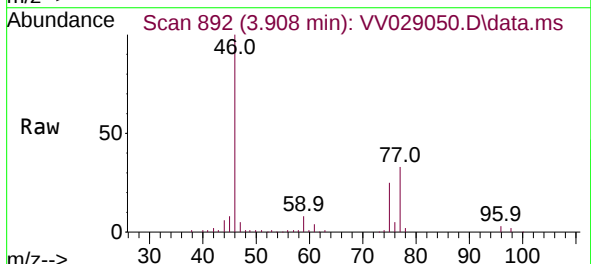
Instrument :
MSVOA_V
ClientSampleId :
H0AB6DL

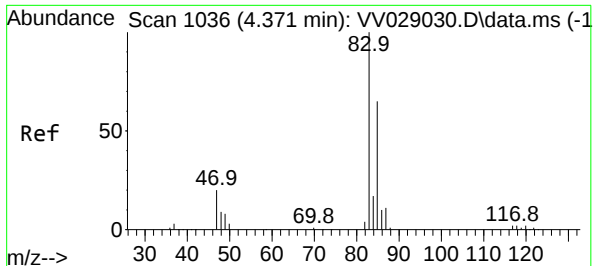
Tgt Ion: 84 Resp: 26407
Ion Ratio Lower Upper
84 100
86 61.5 45.8 85.0
49 92.1 75.5 140.1



#22
cis-1,2-Dichloroethene
Concen: 0.070 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV029050.D
Acq: 17 Nov 2022 05:05

Tgt Ion: 96 Resp: 1398
Ion Ratio Lower Upper
96 100
61 153.1 82.3 152.9#
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.079 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV029050.D

Acq: 17 Nov 2022 05:05

Instrument :

MSVOA_V

ClientSampleId :

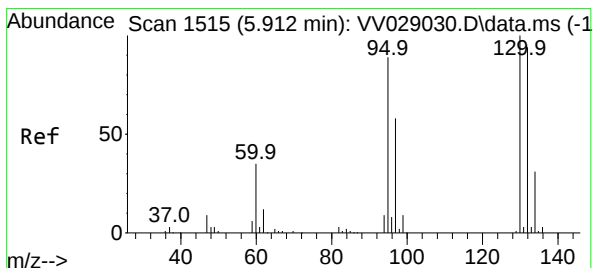
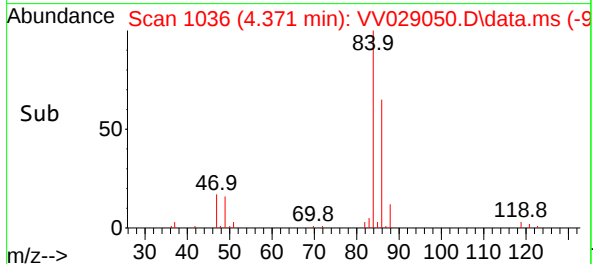
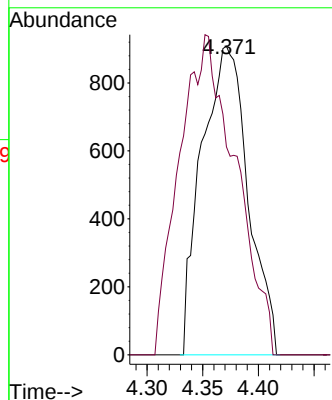
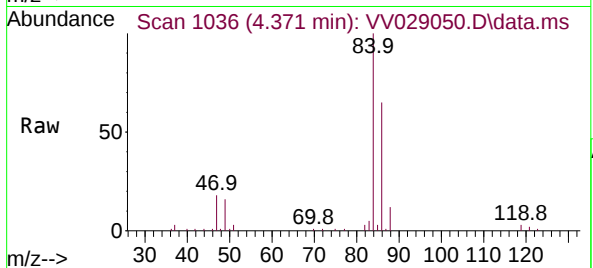
H0AB6DL

Tgt Ion: 83 Resp: 2639

Ion Ratio Lower Upper

83 100

85 67.4 43.7 81.1



#34

Trichloroethene

Concen: 1.748 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV029050.D

Acq: 17 Nov 2022 05:05

Tgt Ion: 95 Resp: 34983

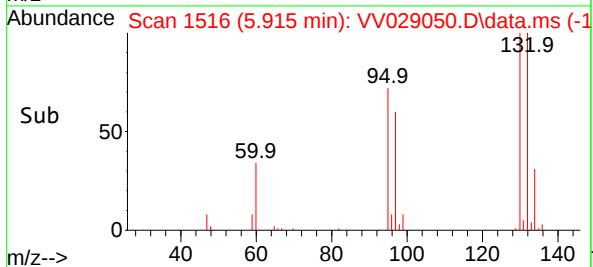
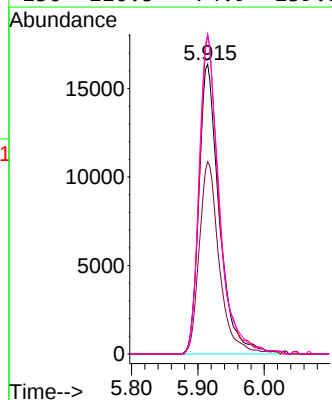
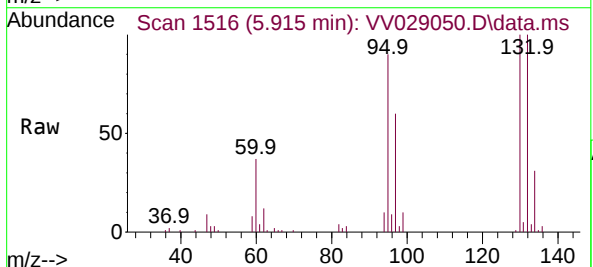
Ion Ratio Lower Upper

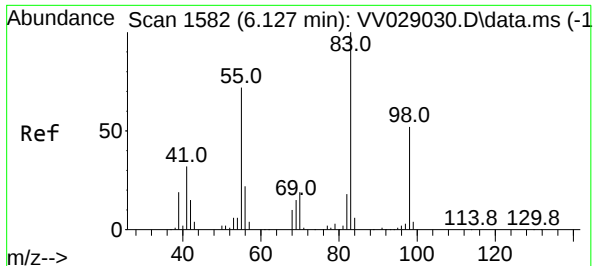
95 100

97 66.3 45.6 84.8

132 110.0 69.1 128.3

130 110.5 74.9 139.1





#35

Methylcyclohexane

Concen: 0.691 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV029050.D

Acq: 17 Nov 2022 05:05

Instrument :

MSVOA_V

ClientSampleId :

H0AB6DL

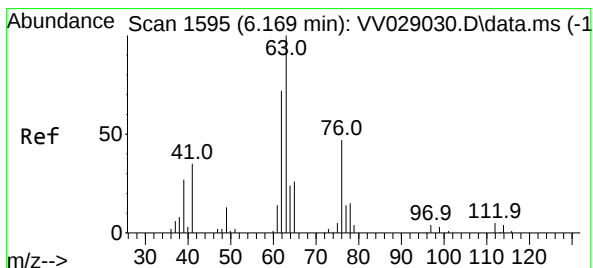
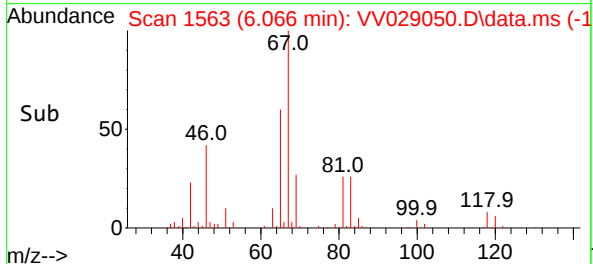
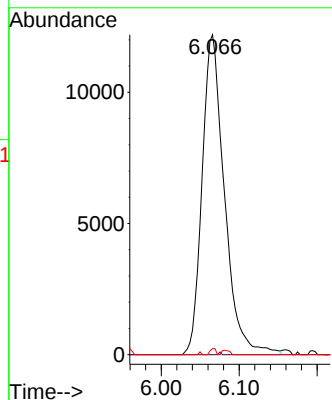
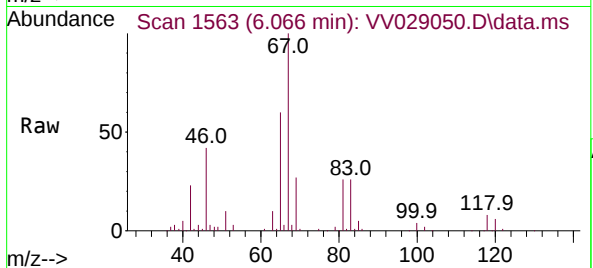
Tgt Ion: 83 Resp: 24301

Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 0.5 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.572 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.106 min

Lab File: VV029050.D

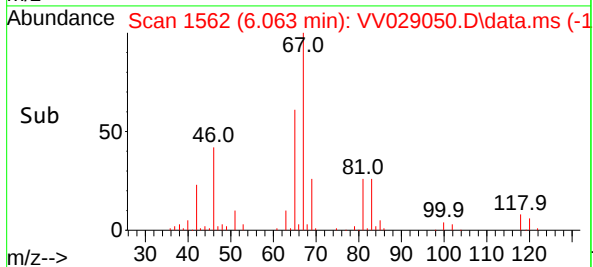
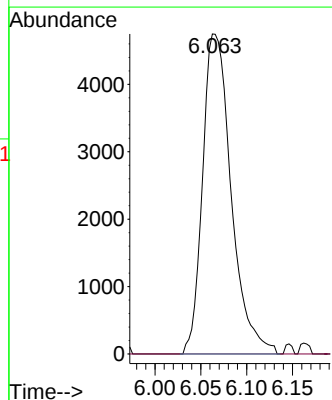
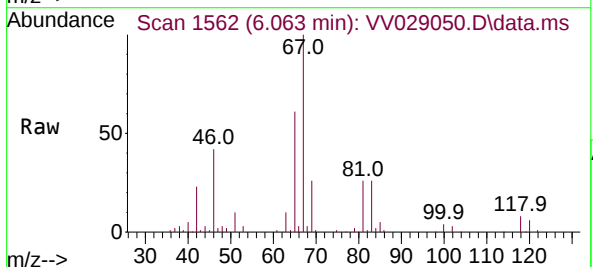
Acq: 17 Nov 2022 05:05

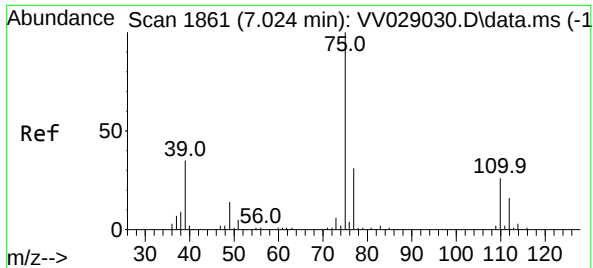
Tgt Ion: 63 Resp: 10312

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV029050.D

Acq: 17 Nov 2022 05:05

Instrument :

MSVOA_V

ClientSampleId :

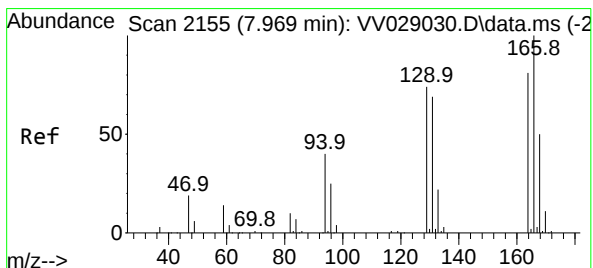
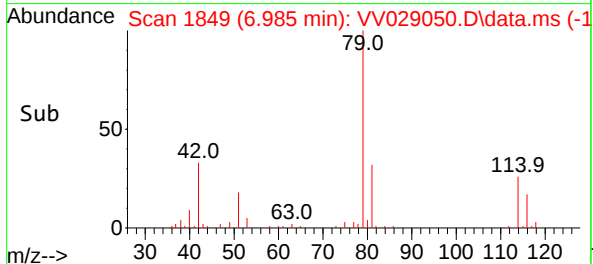
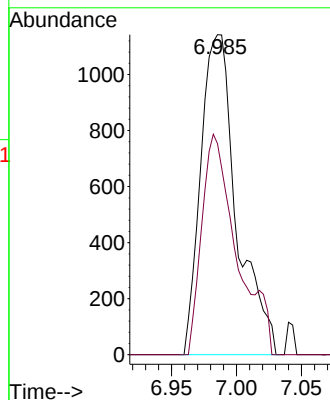
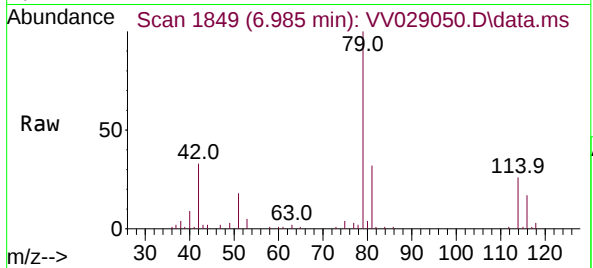
H0AB6DL

Tgt Ion: 75 Resp: 2200

Ion Ratio Lower Upper

75 100

77 65.9 21.8 40.6#



#47

Tetrachloroethene

Concen: 5.575 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VV029050.D

Acq: 17 Nov 2022 05:05

Tgt Ion: 164 Resp: 89351

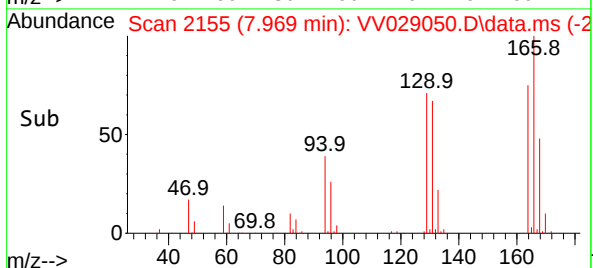
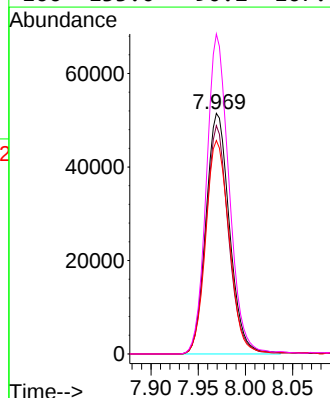
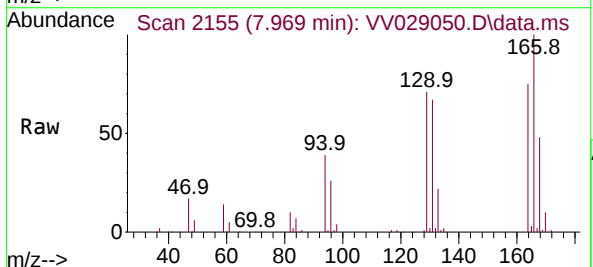
Ion Ratio Lower Upper

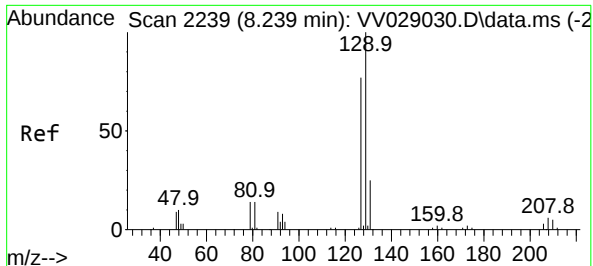
164 100

129 94.9 63.9 118.7

131 88.7 61.8 114.8

166 133.0 90.2 167.4





#49

Dibromochloromethane

Concen: 5.549 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV029050.D

Acq: 17 Nov 2022 05:05

Instrument :

MSVOA_V

ClientSampleId :

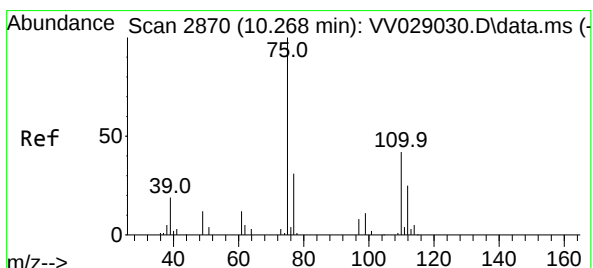
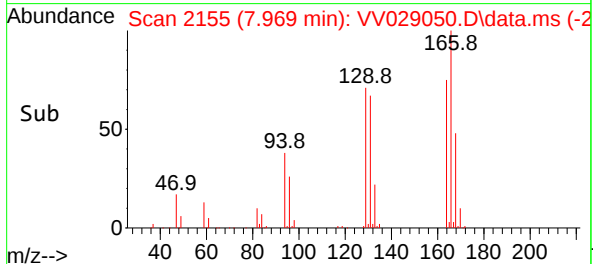
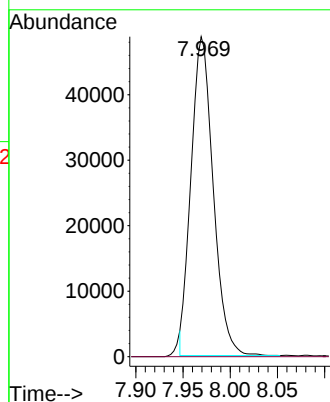
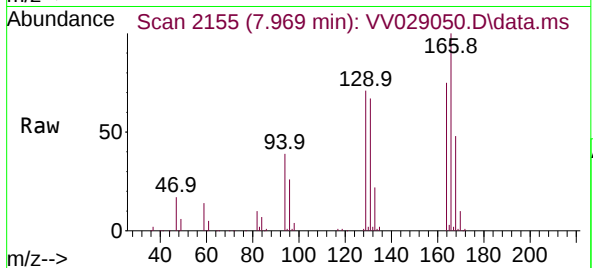
H0AB6DL

Tgt Ion:129 Resp: 79176

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.460 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.971 min

Lab File: VV029050.D

Acq: 17 Nov 2022 05:05

Tgt Ion: 75 Resp: 11914

Ion Ratio Lower Upper

75 100

77 33.3 26.2 39.2

110 2.7 32.6 48.8#

