

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029052.D
 Acq On : 17 Nov 2022 05:54
 Operator : SY/MD
 Sample : N5592-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB5

Quant Time: Nov 17 06:30:22 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	5.616	114	275502	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	251372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	116897	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	69855	4.159	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.568	69	56840	3.850	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.108	63	99489	3.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	3.892	46	156178	55.548	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.100%
24) Chloroform-d	4.342	84	155454	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.027	65	73234	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.047	84	334108	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.066	67	94755	4.523	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.310	98	304135	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.622	79	30615	4.480	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.088	63	131521	45.091	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.180%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70598	4.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	109144	5.219	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1008	0.053	ug/L	87
5) Vinyl chloride	1.310	62	5637	0.259	ug/L #	1
8) Chloroethane	1.310	64	6329	0.495	ug/L	91
12) 1,1-Dichloroethene	2.117	96	10616	0.637	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	2921	0.082	ug/L #	89
18) trans-1,2-Dichloroethene	2.764	96	1713	0.089	ug/L	77
19) 1,1-Dichloroethane	3.191	63	2723	0.086	ug/L	94
22) cis-1,2-Dichloroethene	3.905	96	54721	2.783	ug/L	92
25) Chloroform	4.375	83	7190	0.217	ug/L	97
27) 1,2-Dichloroethane	5.047	62	1625	0.095	ug/L #	70
29) 1,1,1-Trichloroethane	4.612	97	967	0.033	ug/L #	37
34) Trichloroethene	5.911	95	103183	5.247	ug/L	97
35) Methylcyclohexane	6.066	83	23961	0.693	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10088	0.569	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	2089	0.084	ug/L #	66
45) 1,1,2-Trichloroethane	7.963	97	1826	0.157	ug/L #	1
47) Tetrachloroethene	7.969	164	281415	17.872	ug/L	99
49) Dibromochloromethane	7.969	129	242753	17.315	ug/L #	11
61) 1,2,3-Trichloropropane	11.242	75	11819	1.480	ug/L #	62

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111622\
Data File : VV029052.D
Acq On : 17 Nov 2022 05:54
Operator : SY/MD
Sample : N5592-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AB5

Quant Time: Nov 17 06:30:22 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

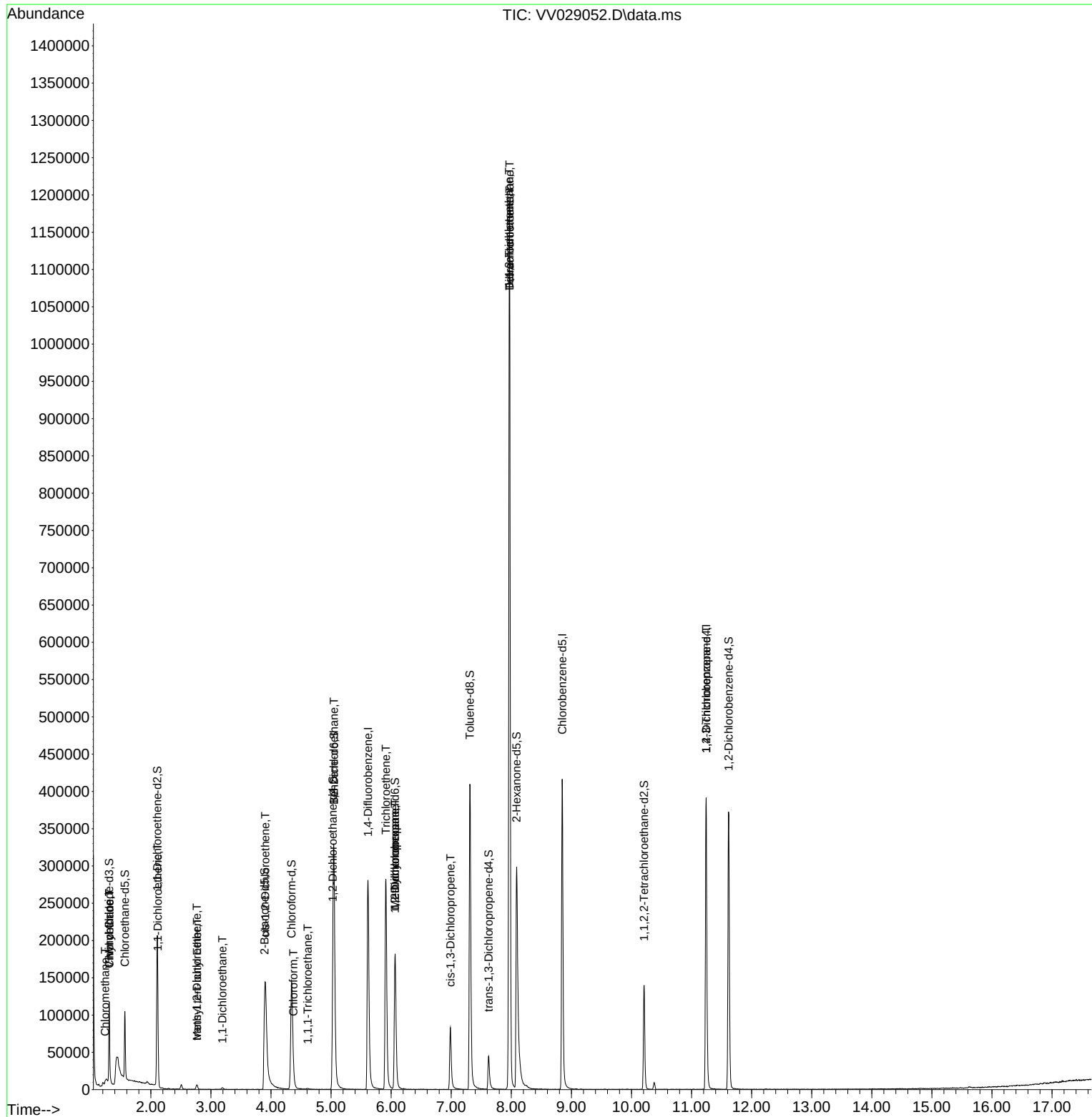
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

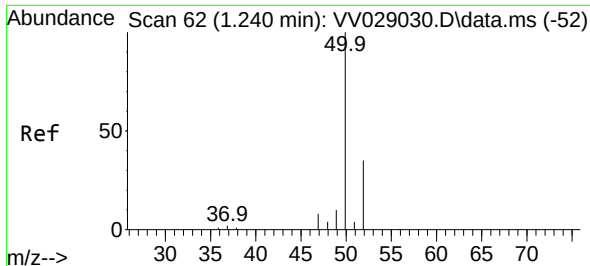
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111622\
Data File : VV029052.D
Acq On : 17 Nov 2022 05:54
Operator : SY/MD
Sample : N5592-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AB5

Quant Time: Nov 17 06:30:22 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

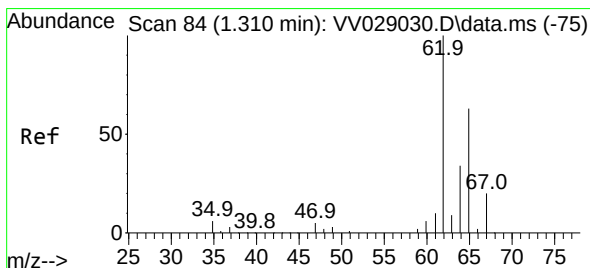
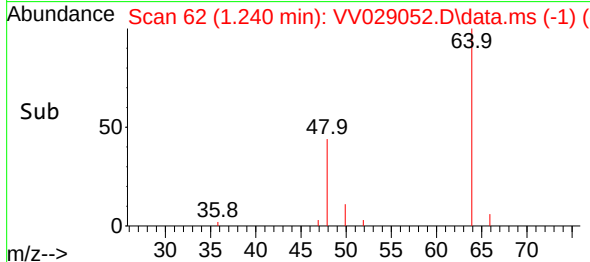
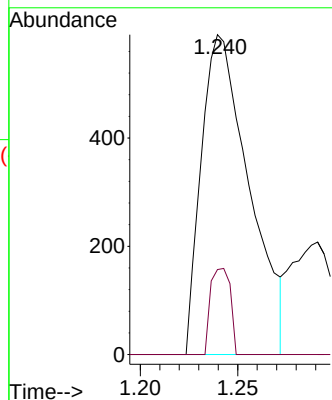
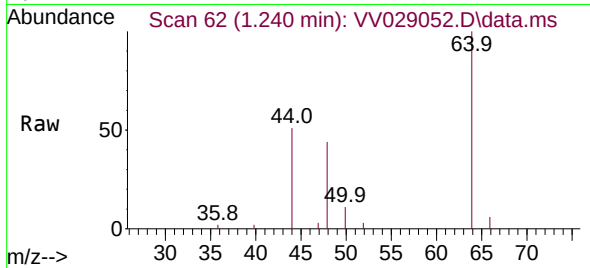




#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029052.D
Acq: 17 Nov 2022 05:54

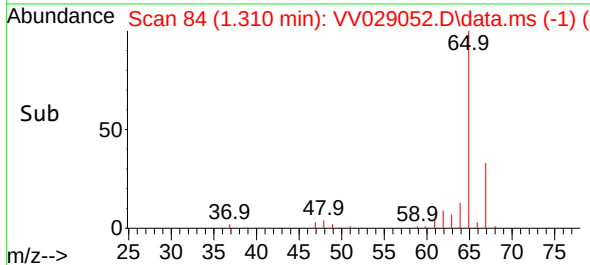
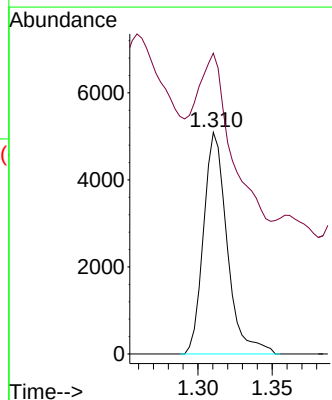
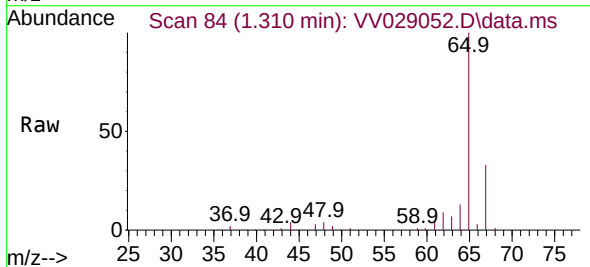
Instrument :
MSVOA_V
ClientSampleId :
H0AB5

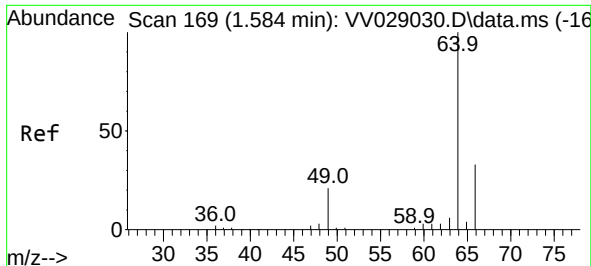
Tgt Ion: 50 Resp: 1008
Ion Ratio Lower Upper
50 100
52 26.6 23.7 43.9



#5
Vinyl chloride
Concen: 0.259 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029052.D
Acq: 17 Nov 2022 05:54

Tgt Ion: 62 Resp: 5637
Ion Ratio Lower Upper
62 100
64 135.7 22.8 42.4#

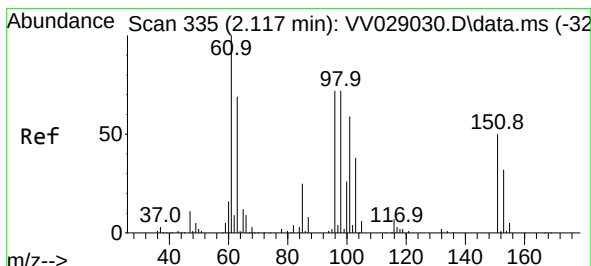
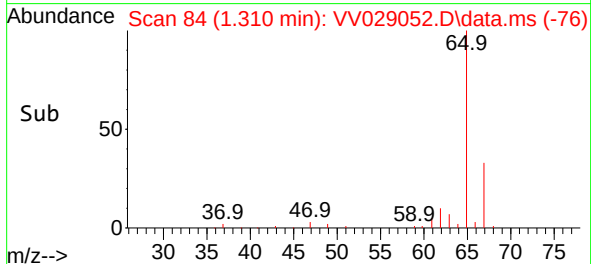
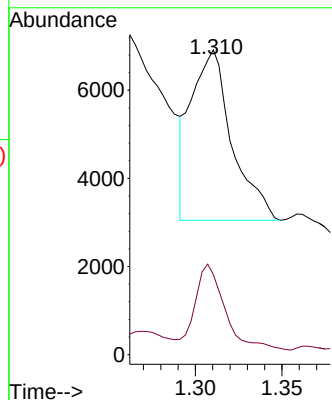
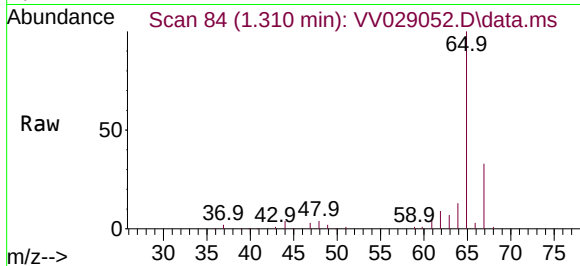




#8
Chloroethane
Concen: 0.495 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV029052.D
Acq: 17 Nov 2022 05:54

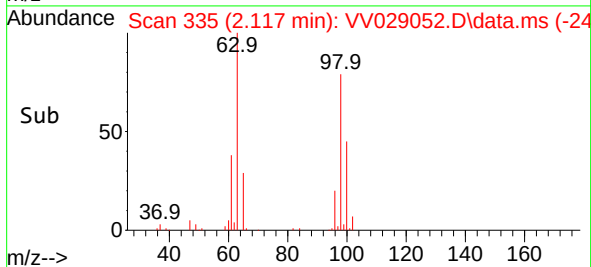
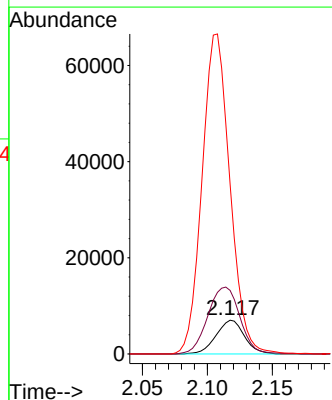
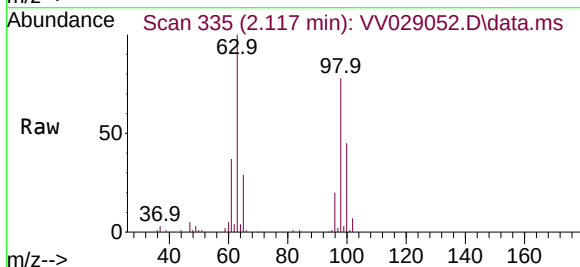
Instrument :
MSVOA_V
ClientSampleId :
H0AB5

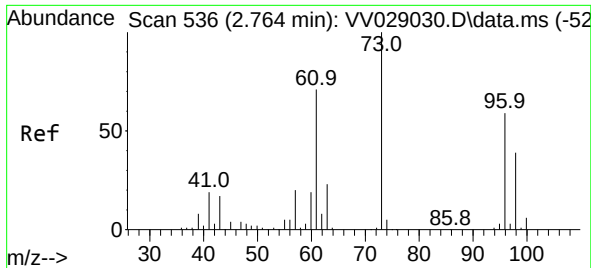
Tgt Ion: 64 Resp: 6329
Ion Ratio Lower Upper
64 100
66 26.3 22.0 40.8



#12
1,1-Dichloroethene
Concen: 0.637 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV029052.D
Acq: 17 Nov 2022 05:54

Tgt Ion: 96 Resp: 10616
Ion Ratio Lower Upper
96 100
61 188.1 104.2 193.4
63 502.6 75.9 140.9#

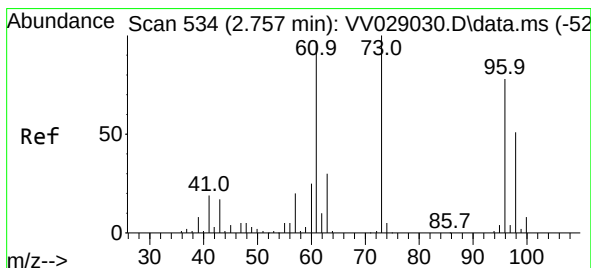
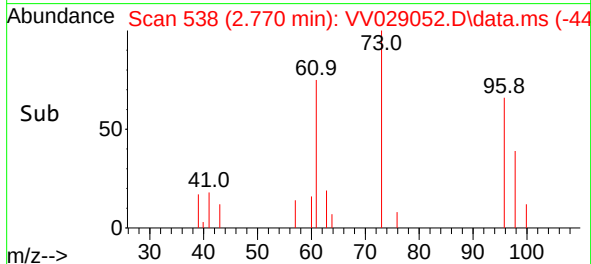
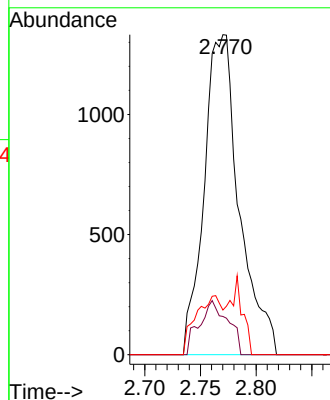
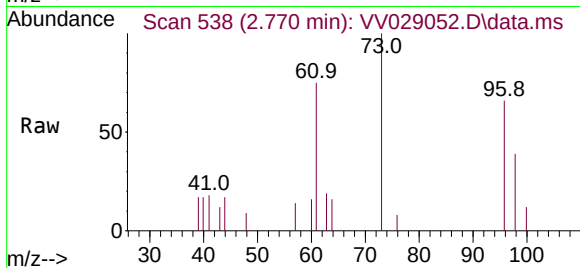




#17
Methyl tert-butyl Ether
Concen: 0.082 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029052.D
Acq: 17 Nov 2022 05:54

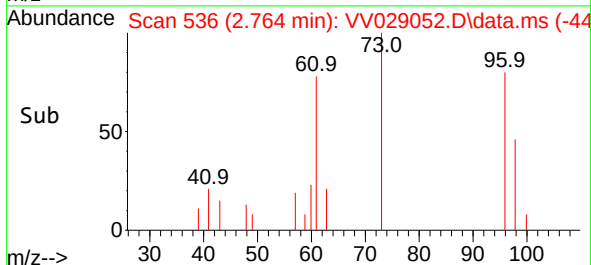
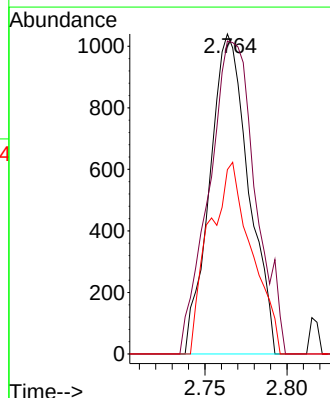
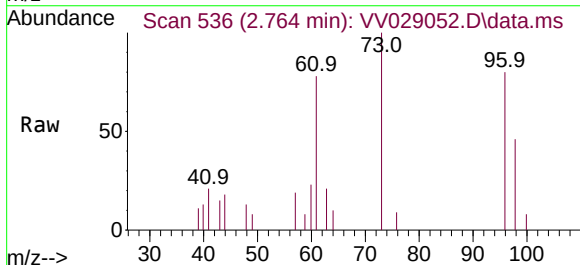
Instrument :
MSVOA_V
ClientSampleId :
H0AB5

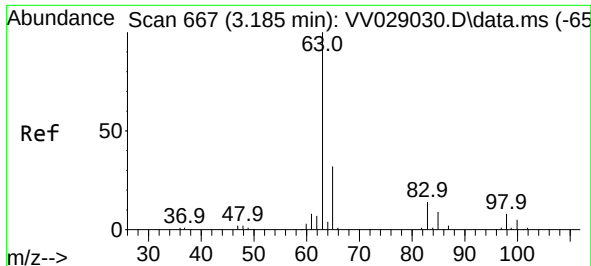
Tgt Ion: 73 Resp: 2921
Ion Ratio Lower Upper
73 100
43 13.7 13.0 19.4
57 13.7 16.6 24.8#



#18
trans-1,2-Dichloroethene
Concen: 0.089 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV029052.D
Acq: 17 Nov 2022 05:54

Tgt Ion: 96 Resp: 1713
Ion Ratio Lower Upper
96 100
61 97.8 91.8 170.6
98 57.6 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.086 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.006 min

Lab File: VV029052.D

Acq: 17 Nov 2022 05:54

Instrument :

MSVOA_V

ClientSampleId :

H0AB5

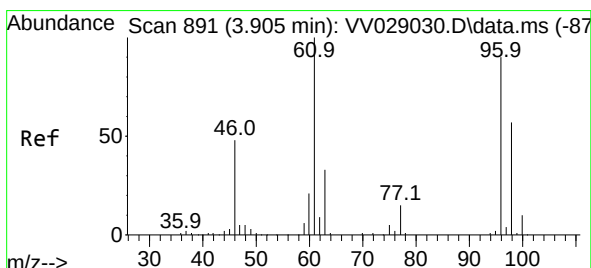
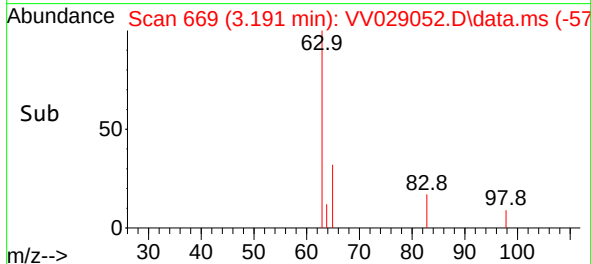
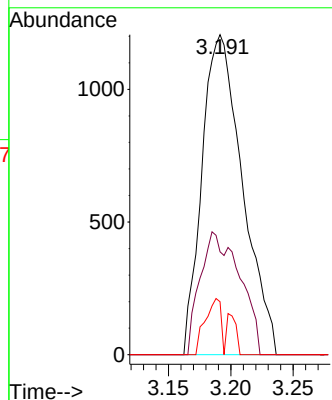
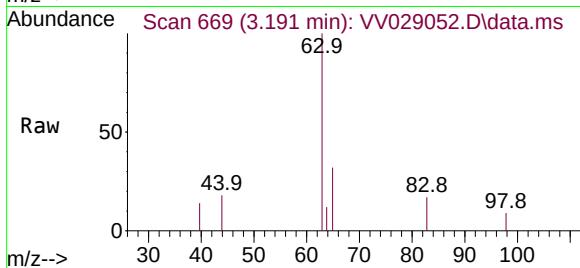
Tgt Ion: 63 Resp: 2723

Ion Ratio Lower Upper

63 100

65 28.7 23.0 42.6

83 14.8 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 2.783 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV029052.D

Acq: 17 Nov 2022 05:54

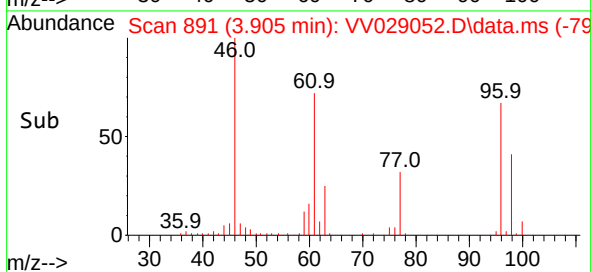
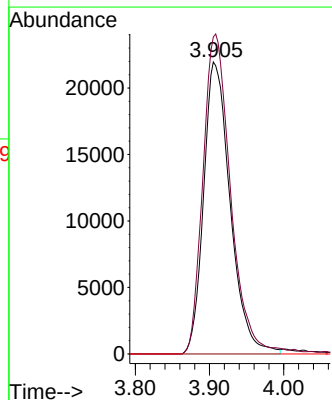
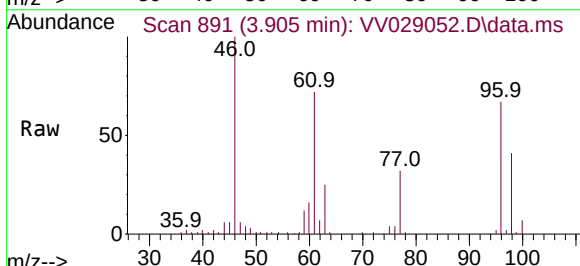
Tgt Ion: 96 Resp: 54721

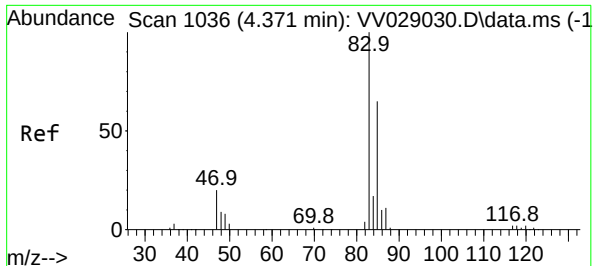
Ion Ratio Lower Upper

96 100

61 108.5 82.3 152.9

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.217 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029052.D

Acq: 17 Nov 2022 05:54

Instrument :

MSVOA_V

ClientSampleId :

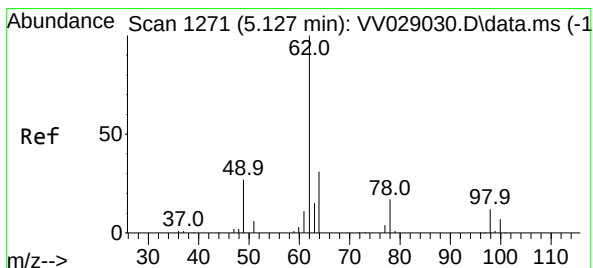
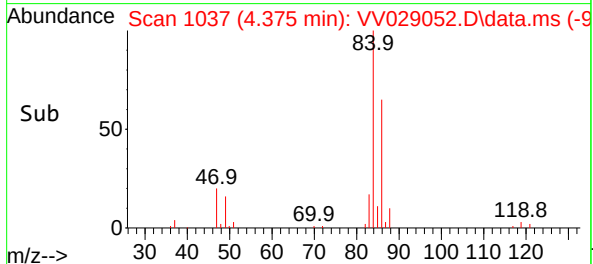
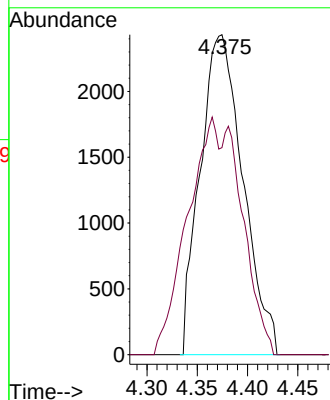
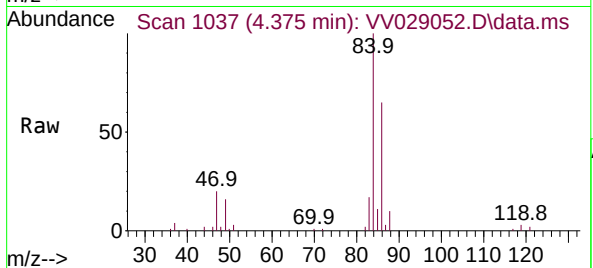
H0AB5

Tgt Ion: 83 Resp: 7190

Ion Ratio Lower Upper

83 100

85 64.7 43.7 81.1



#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.080 min

Lab File: VV029052.D

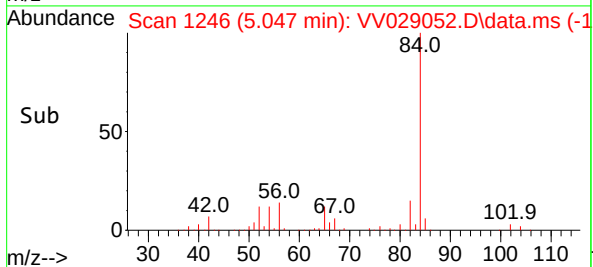
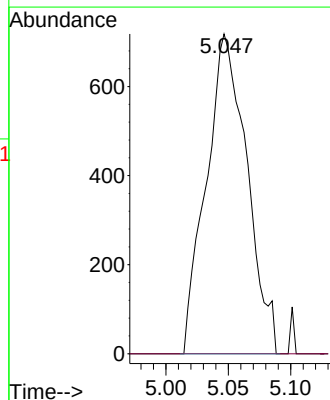
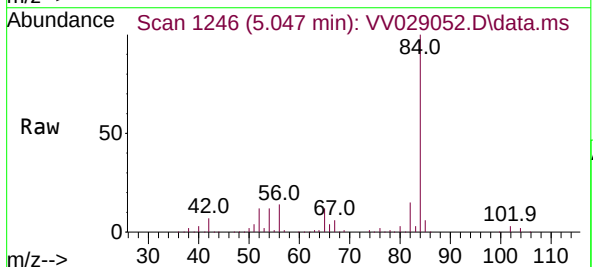
Acq: 17 Nov 2022 05:54

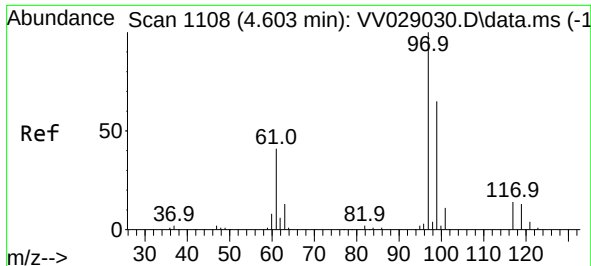
Tgt Ion: 62 Resp: 1625

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#

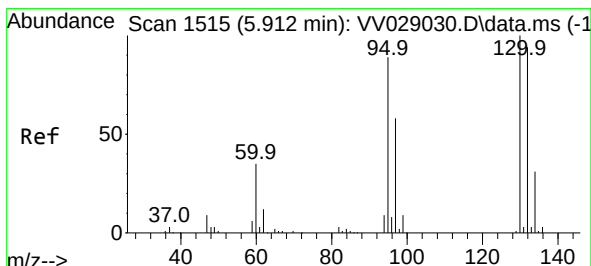
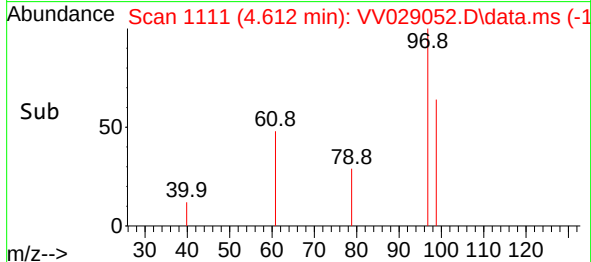
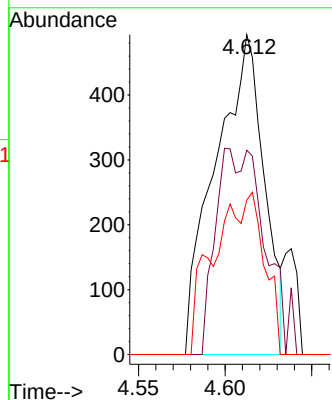
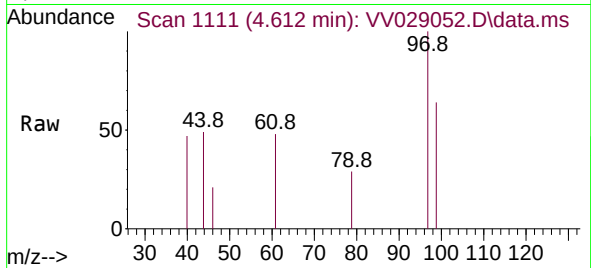




#29
1,1,1-Trichloroethane
Concen: 0.033 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.010 min
Lab File: VV029052.D
Acq: 17 Nov 2022 05:54

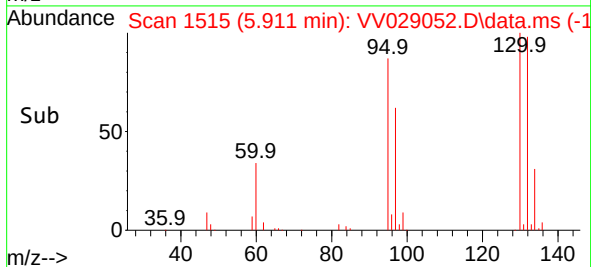
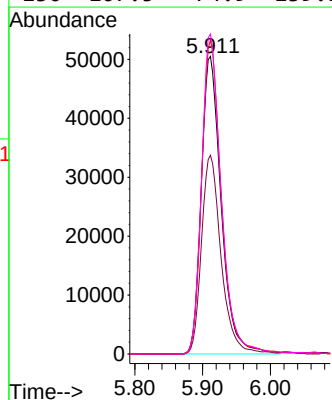
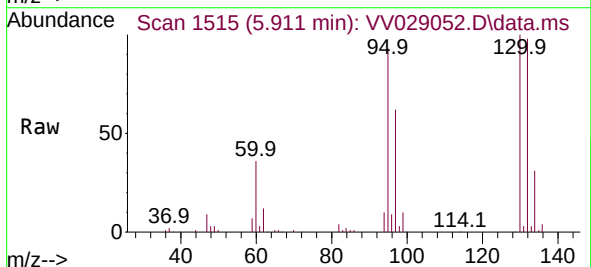
Instrument :
MSVOA_V
ClientSampleId :
H0AB5

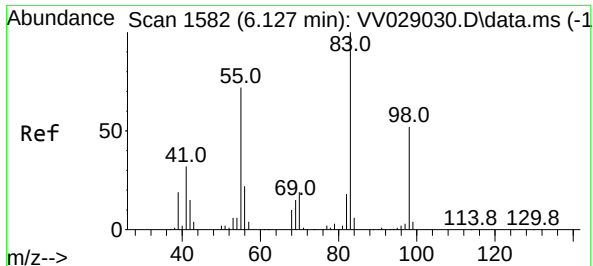
Tgt Ion: 97 Resp: 967
Ion Ratio Lower Upper
97 100
99 0.0 52.7 79.1#
61 21.3 33.8 50.6#



#34
Trichloroethene
Concen: 5.247 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV029052.D
Acq: 17 Nov 2022 05:54

Tgt Ion: 95 Resp: 103183
Ion Ratio Lower Upper
95 100
97 66.7 45.6 84.8
132 105.4 69.1 128.3
130 107.5 74.9 139.1





#35

Methylcyclohexane

Concen: 0.693 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV029052.D

Acq: 17 Nov 2022 05:54

Instrument :

MSVOA_V

ClientSampleId :

H0AB5

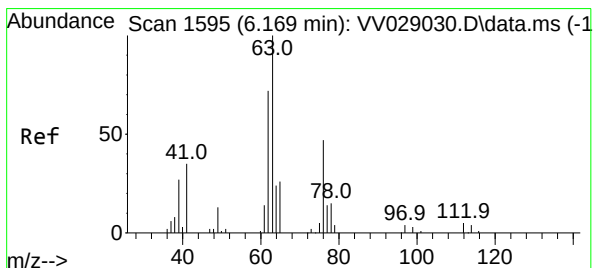
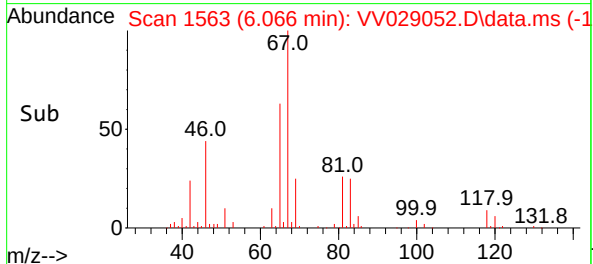
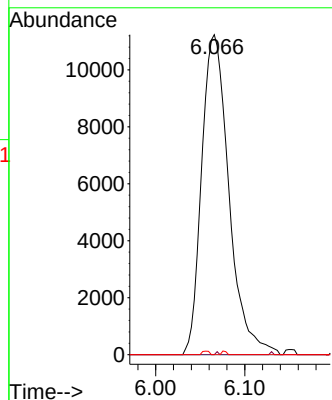
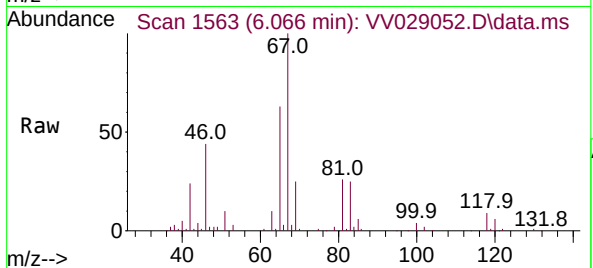
Tgt Ion: 83 Resp: 23961

Ion Ratio Lower Upper

83 100

55 0.1 55.8 83.6#

98 0.0 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.569 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.106 min

Lab File: VV029052.D

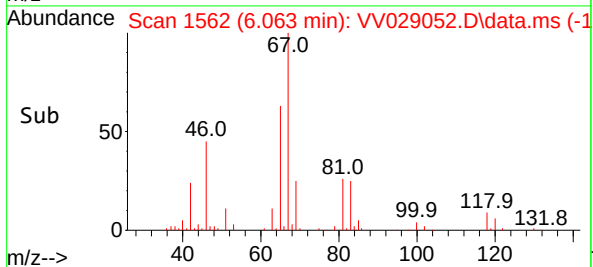
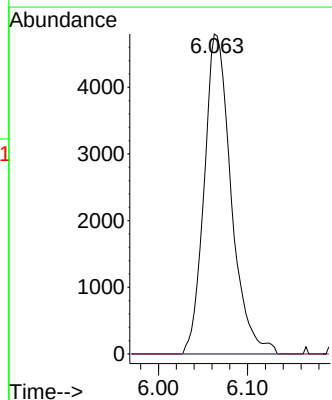
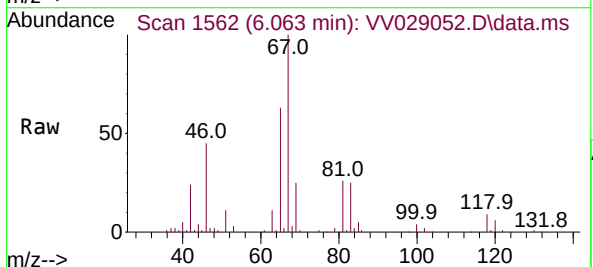
Acq: 17 Nov 2022 05:54

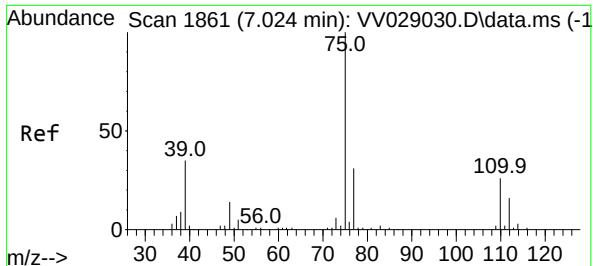
Tgt Ion: 63 Resp: 10088

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV029052.D

Acq: 17 Nov 2022 05:54

Instrument :

MSVOA_V

ClientSampleId :

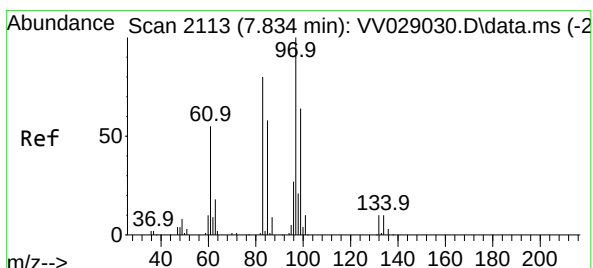
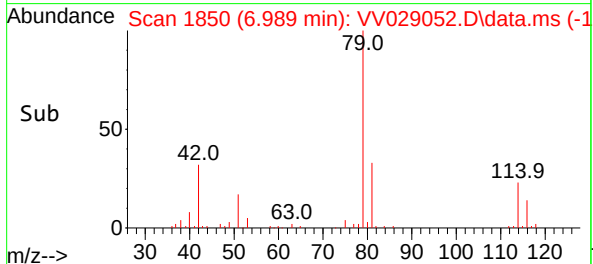
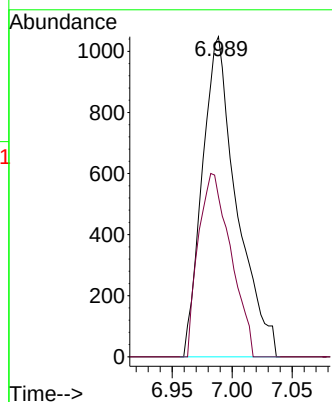
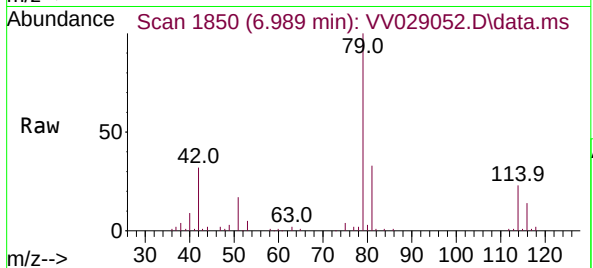
H0AB5

Tgt Ion: 75 Resp: 2089

Ion Ratio Lower Upper

75 100

77 50.1 21.8 40.6#



#45

1,1,2-Trichloroethane

Concen: 0.157 ug/L

RT: 7.963 min Scan# 2153

Delta R.T. 0.129 min

Lab File: VV029052.D

Acq: 17 Nov 2022 05:54

Tgt Ion: 97 Resp: 1826

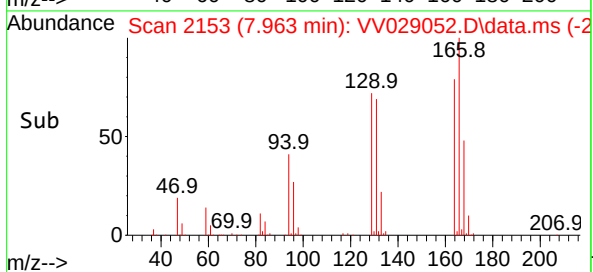
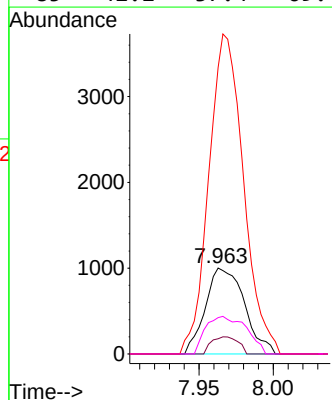
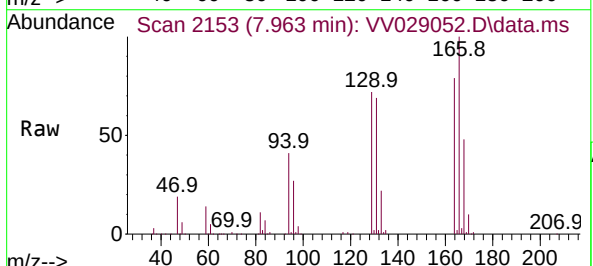
Ion Ratio Lower Upper

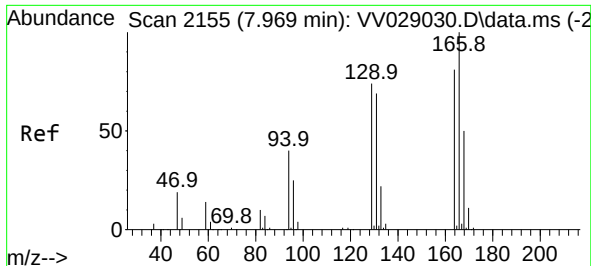
97 100

99 17.7 41.5 77.1#

83 333.2 60.0 111.4#

85 42.2 37.4 69.4

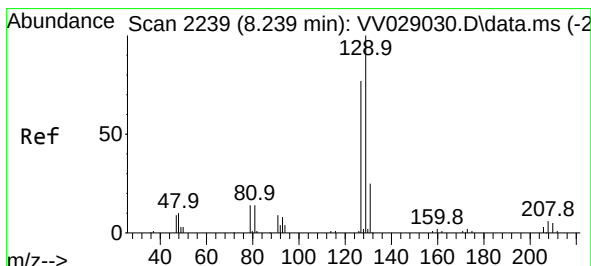
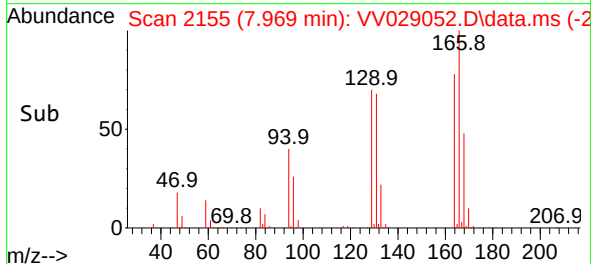
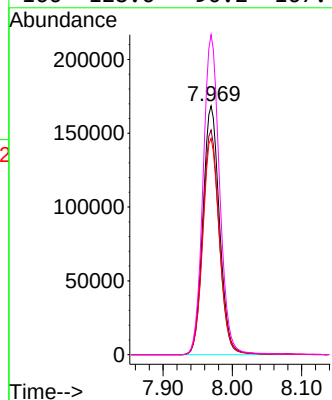
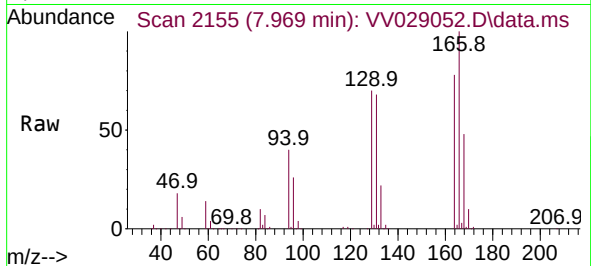




#47
Tetrachloroethene
Concen: 17.872 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV029052.D
Acq: 17 Nov 2022 05:54

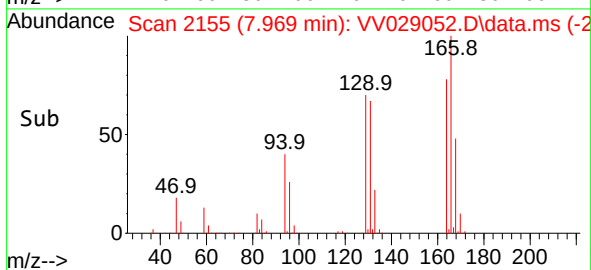
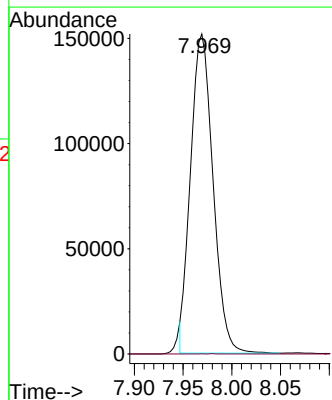
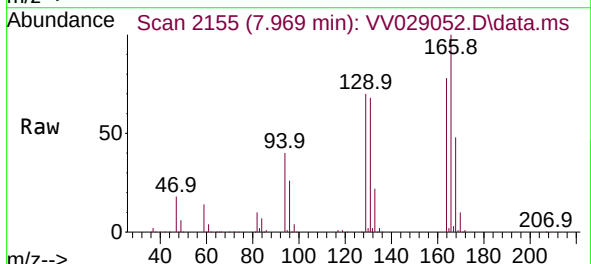
Instrument :
MSVOA_V
ClientSampleId :
H0AB5

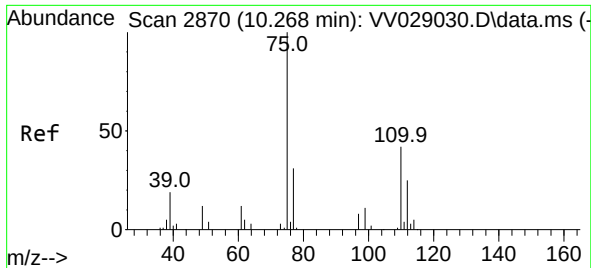
Tgt Ion:164 Resp: 281415
Ion Ratio Lower Upper
164 100
129 90.2 63.9 118.7
131 86.9 61.8 114.8
166 128.6 90.2 167.4



#49
Dibromochloromethane
Concen: 17.315 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.270 min
Lab File: VV029052.D
Acq: 17 Nov 2022 05:54

Tgt Ion:129 Resp: 242753
Ion Ratio Lower Upper
129 100
127 0.1 54.5 101.1#





#61

1,2,3-Trichloropropane

Concen: 1.480 ug/L

RT: 11.242 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV029052.D

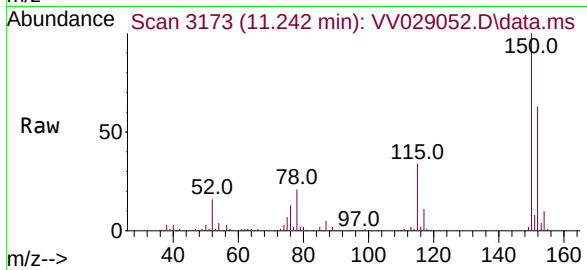
Acq: 17 Nov 2022 05:54

Instrument :

MSVOA_V

ClientSampleId :

H0AB5



Tgt Ion:	75	Resp:	11819
Ion	Ratio	Lower	Upper
75	100		
77	27.3	26.2	39.2
110	2.5	32.6	48.8#

