

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023225.D
 Acq On : 05 Nov 2021 12:30
 Operator : SY/MD
 Sample : M4492-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 03:14:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 03:09:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	134321	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	132096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62224	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40579	4.822	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.564	69	34873	5.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.105	63	56363	3.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.908	46	58490	46.006	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.020%
24) Chloroform-d	4.346	84	87214	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.031	65	40943	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.050	84	165252	4.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.069	67	49498	4.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.317	98	143591	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.625	79	16722	4.420	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.091	63	61607	44.260	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33542	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	54504	5.260	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	2550	0.229	ug/L	98
12) 1,1-Dichloroethene	2.114	96	708	0.088	ug/L #	1
13) Acetone	2.198	43	1277	1.359	ug/L	80
19) 1,1-Dichloroethane	3.195	63	3367	0.203	ug/L #	77
22) cis-1,2-Dichloroethene	3.918	96	1421	0.150	ug/L	69
25) Chloroform	4.375	83	24050	1.357	ug/L	96
27) 1,2-Dichloroethane	5.149	62	1533	0.163	ug/L #	73
33) Benzene	5.104	78	7816	0.212	ug/L	100
34) Trichloroethene	5.915	95	22541	2.296	ug/L	89
35) Methylcyclohexane	6.069	83	12761	0.823	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	5362	0.622	ug/L #	83
38) Bromodichloromethane	6.516	83	1226	0.106	ug/L #	95
39) cis-1,3-Dichloropropene	6.989	75	1279	0.103	ug/L #	48
42) Toluene	7.400	91	2647	0.067	ug/L	87
48) 2-Hexanone	8.146	43	2294	0.800	ug/L #	89
61) 1,2,3-Trichloropropane	11.249	75	6791	1.643	ug/L #	65
72) 1,2,3-Trichlorobenzene	13.747	180	1678	0.168	ug/L	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 08 03:09:01 2021
Response via : Initial Calibration

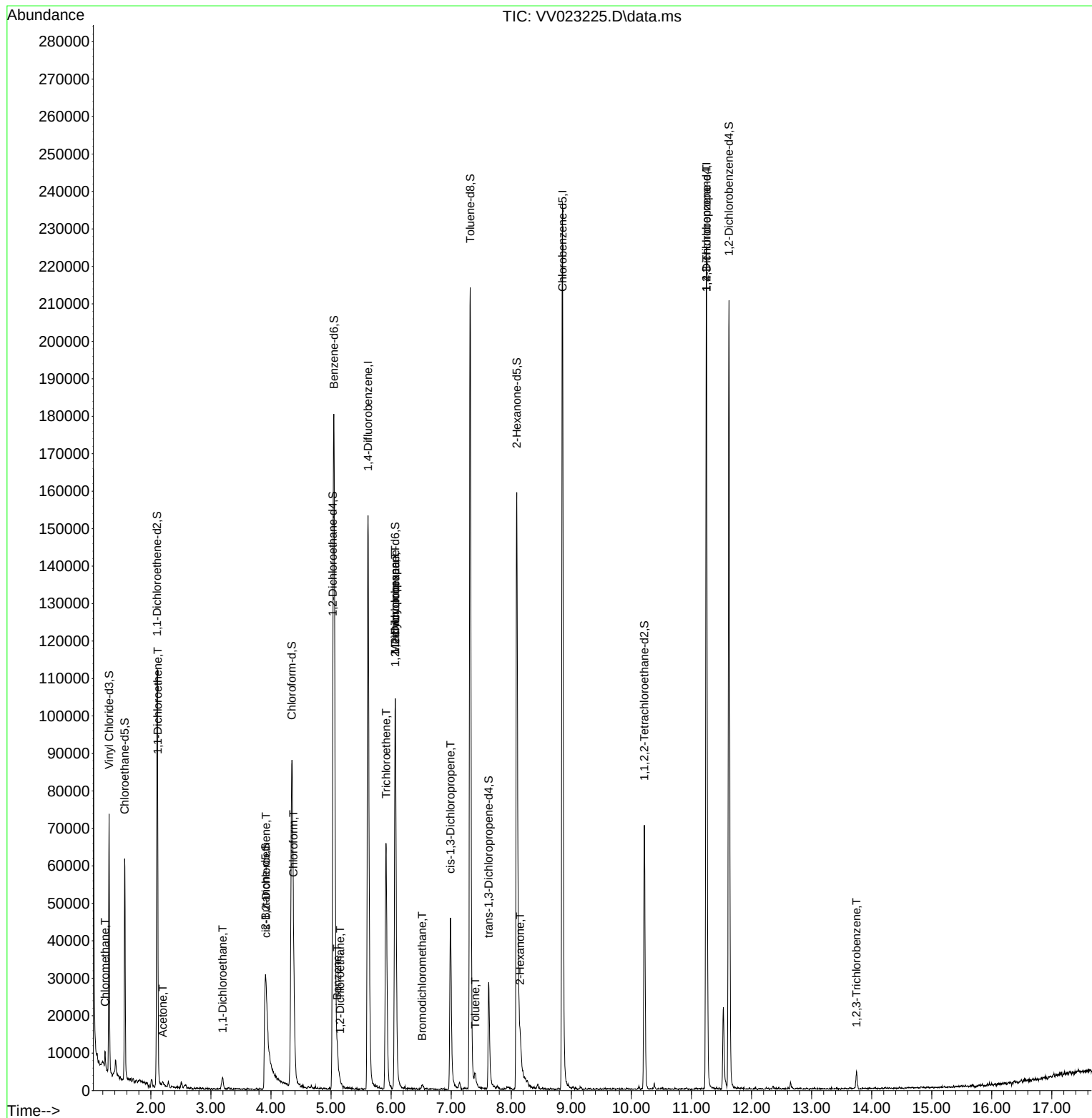
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

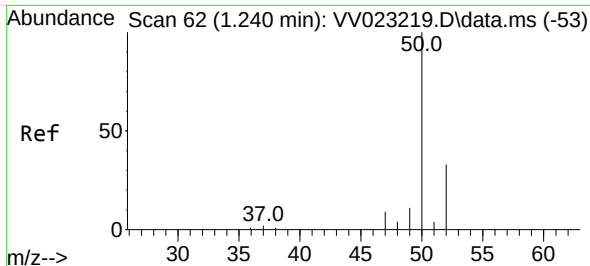
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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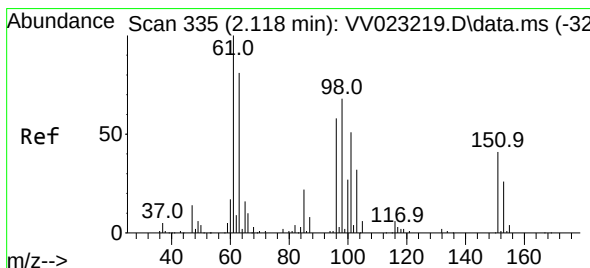
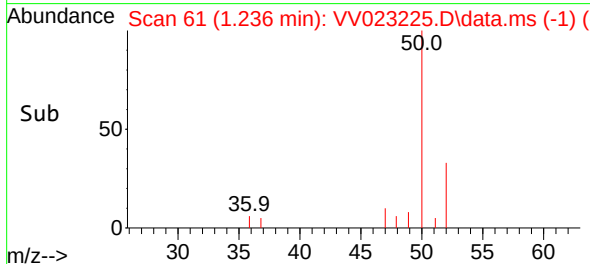
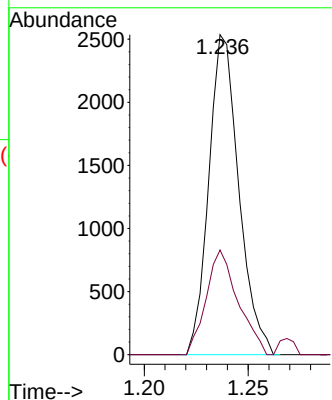
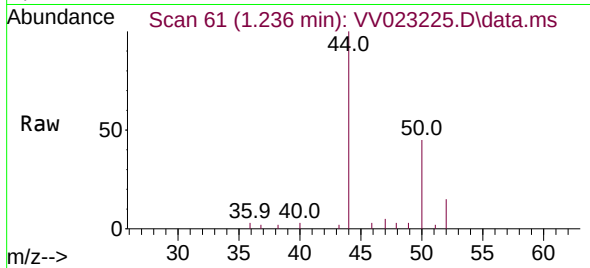




#3
Chloromethane
Concen: 0.229 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV023225.D
Acq: 05 Nov 2021 12:30

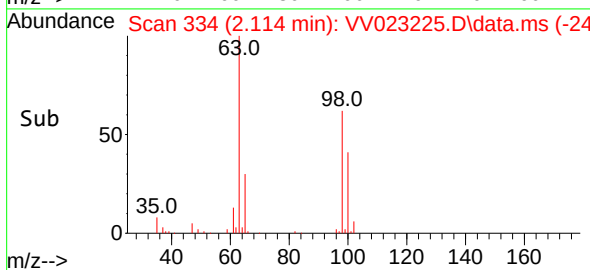
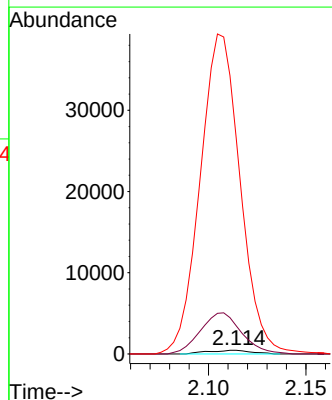
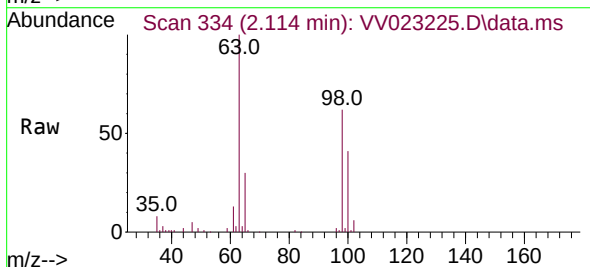
Instrument :
MSVOA_V
ClientSampleId :

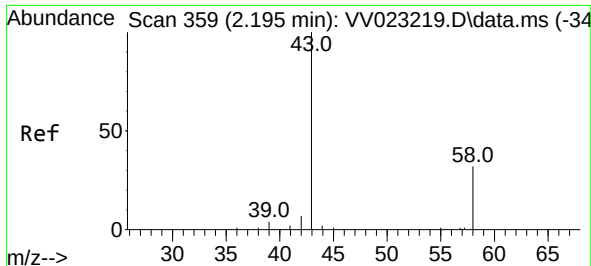
Tgt Ion: 50 Resp: 2550
Ion Ratio Lower Upper
50 100
52 32.7 23.7 43.9



#12
1,1-Dichloroethene
Concen: 0.088 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023225.D
Acq: 05 Nov 2021 12:30

Tgt Ion: 96 Resp: 708
Ion Ratio Lower Upper
96 100
61 755.2 117.7 218.7#
63 5782.6 80.5 149.5#

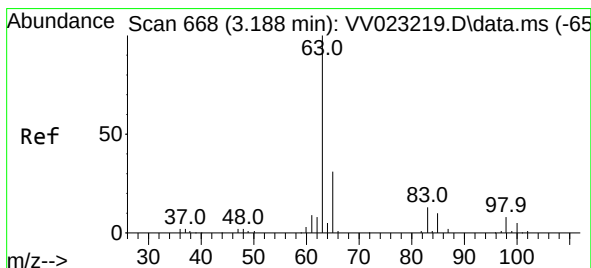
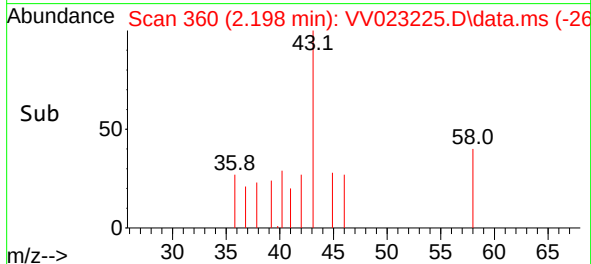
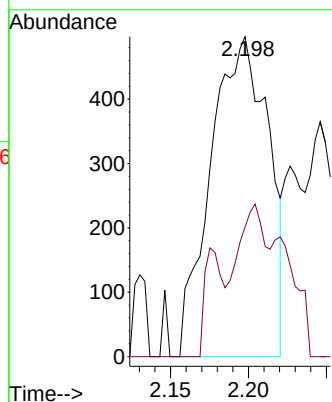
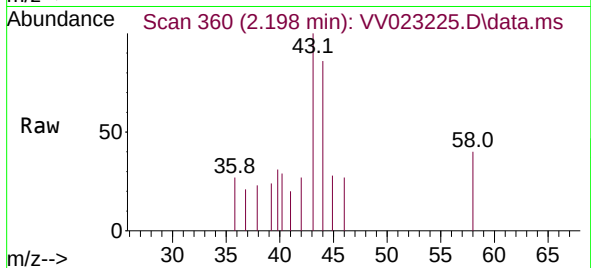




#13
Acetone
Concen: 1.359 ug/L
RT: 2.198 min Scan# 30
Delta R.T. 0.003 min
Lab File: VV023225.D
Acq: 05 Nov 2021 12:30

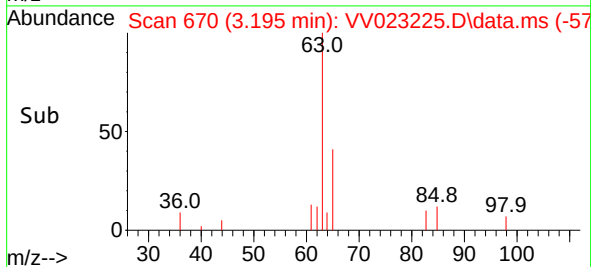
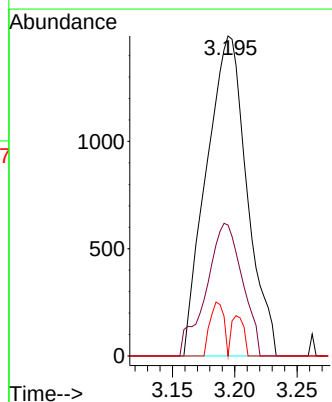
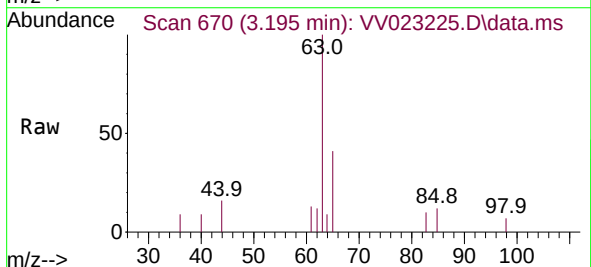
Instrument :
MSVOA_V
ClientSampleId :

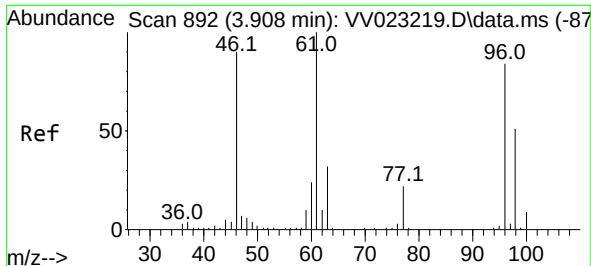
Tgt Ion: 43 Resp: 1277
Ion Ratio Lower Upper
43 100
58 13.2 0.0 45.8



#19
1,1-Dichloroethane
Concen: 0.203 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV023225.D
Acq: 05 Nov 2021 12:30

Tgt Ion: 63 Resp: 3367
Ion Ratio Lower Upper
63 100
65 40.9 21.6 40.2#
83 0.0 9.8 18.2#





#22

cis-1,2-Dichloroethene

Concen: 0.150 ug/L

RT: 3.918 min Scan# 89

Delta R.T. 0.010 min

Lab File: VV023225.D

Acq: 05 Nov 2021 12:30

Instrument :

MSVOA_V

ClientSampleId :

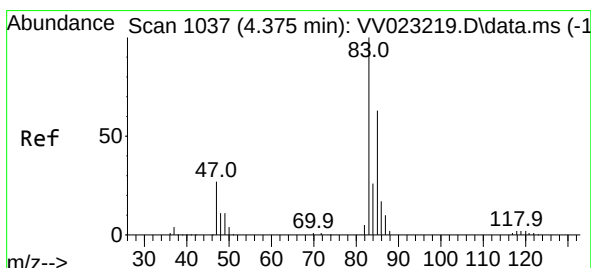
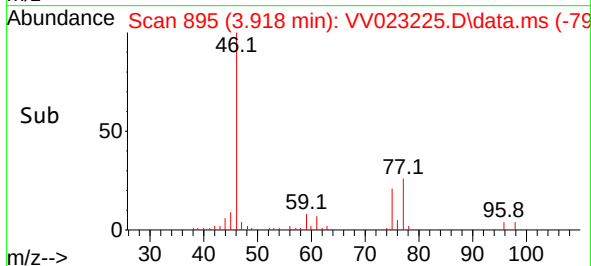
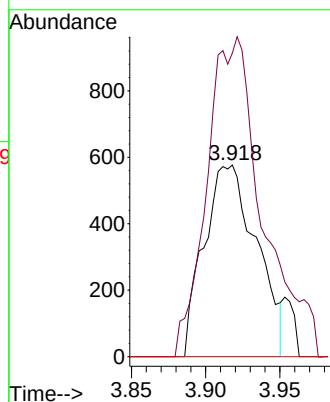
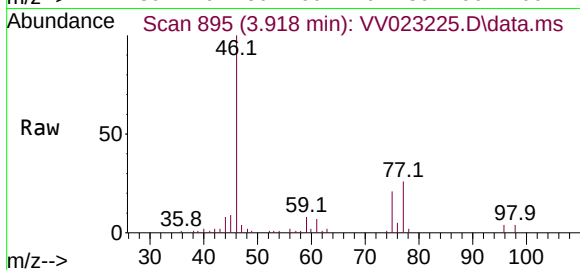
Tgt Ion: 96 Resp: 1421

Ion Ratio Lower Upper

96 100

61 158.4 86.7 160.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 1.357 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VV023225.D

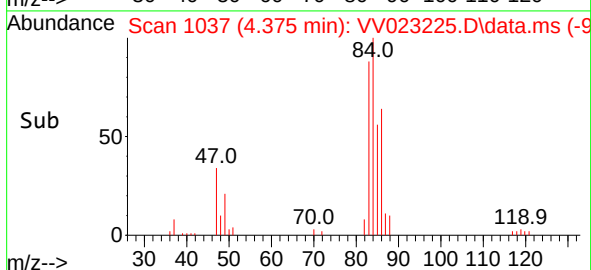
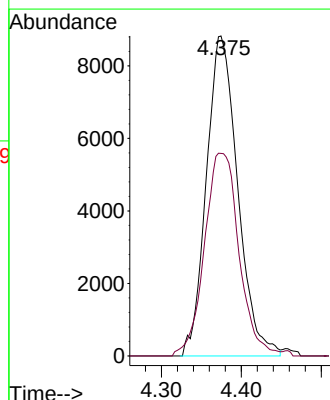
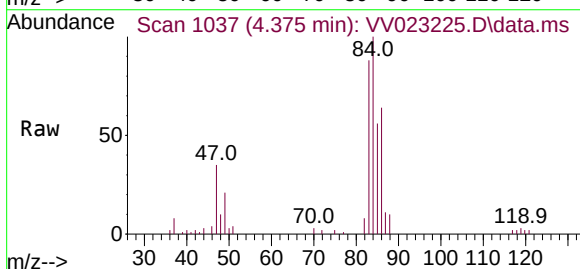
Acq: 05 Nov 2021 12:30

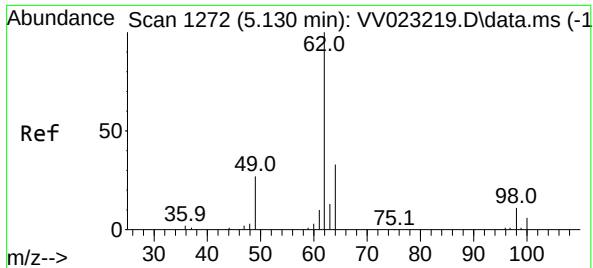
Tgt Ion: 83 Resp: 24050

Ion Ratio Lower Upper

83 100

85 63.3 46.3 85.9





#27

1,2-Dichloroethane

Concen: 0.163 ug/L

RT: 5.149 min Scan# 1278

Delta R.T. 0.019 min

Lab File: VV023225.D

Acq: 05 Nov 2021 12:30

Instrument :

MSVOA_V

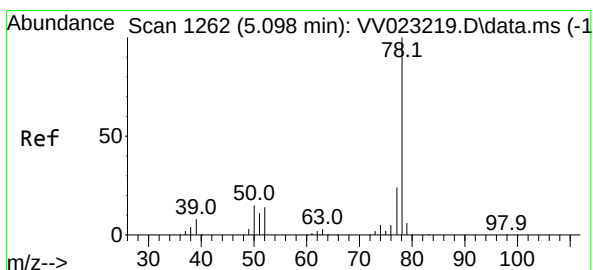
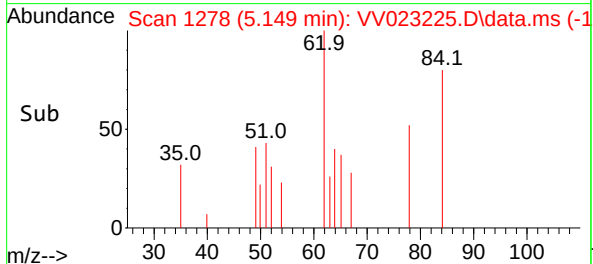
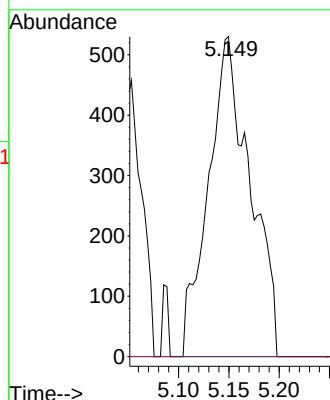
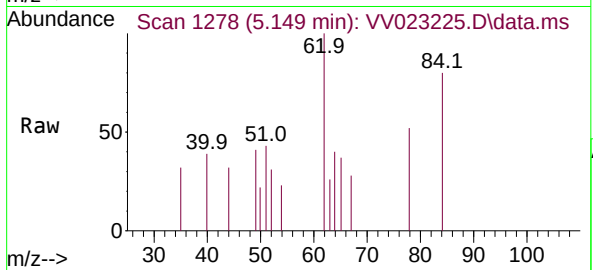
ClientSampleId :

Tgt Ion: 62 Resp: 1533

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



#33

Benzene

Concen: 0.212 ug/L

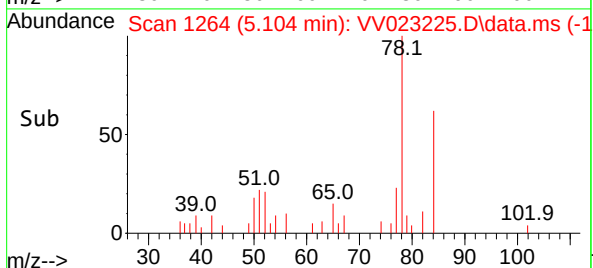
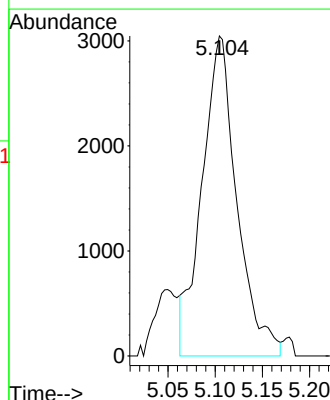
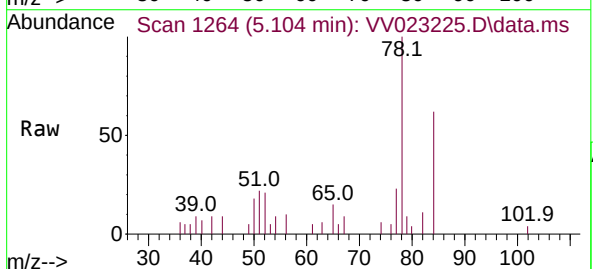
RT: 5.104 min Scan# 1264

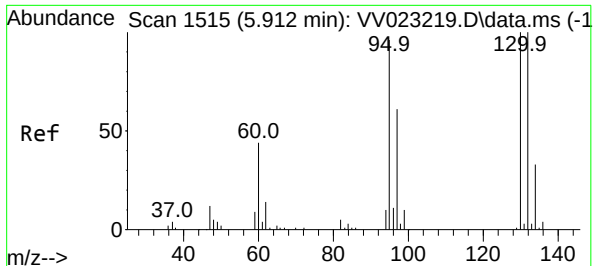
Delta R.T. 0.006 min

Lab File: VV023225.D

Acq: 05 Nov 2021 12:30

Tgt Ion: 78 Resp: 7816

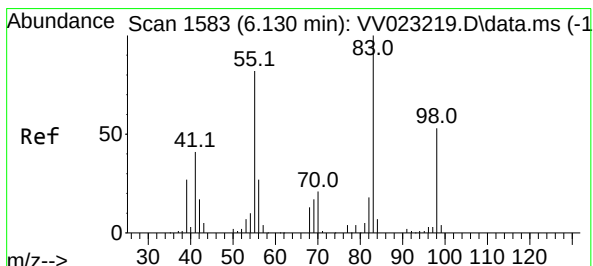
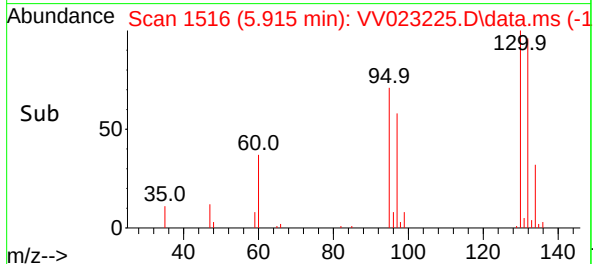
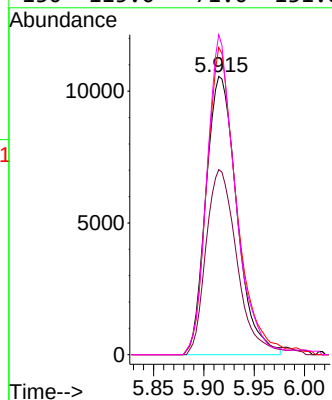
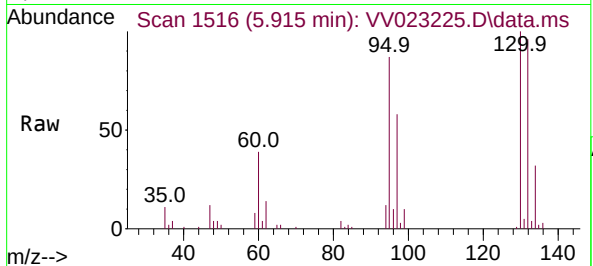




#34
Trichloroethene
Concen: 2.296 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023225.D
Acq: 05 Nov 2021 12:30

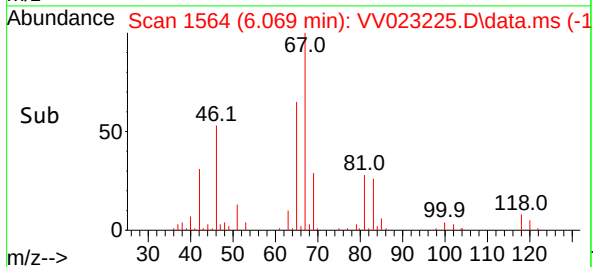
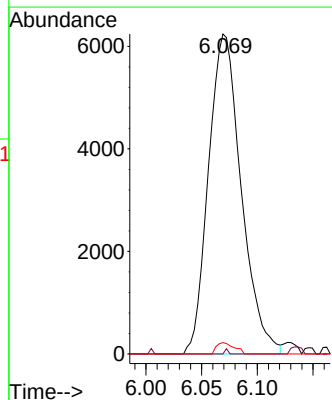
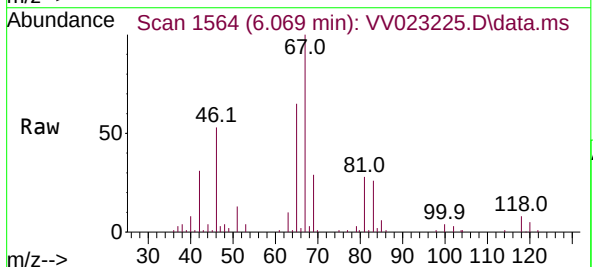
Instrument :
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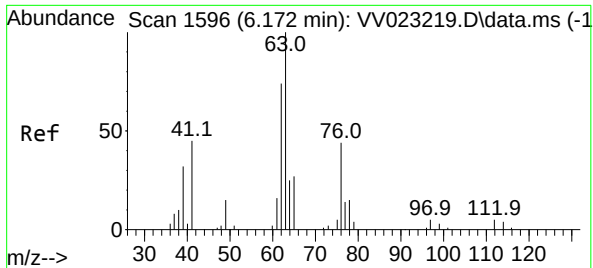
Tgt Ion: 95 Resp: 22541
Ion Ratio Lower Upper
95 100
97 66.6 43.3 80.5
132 110.4 70.0 130.0
130 115.0 71.0 131.8



#35
Methylcyclohexane
Concen: 0.823 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023225.D
Acq: 05 Nov 2021 12:30

Tgt Ion: 83 Resp: 12761
Ion Ratio Lower Upper
83 100
55 0.2 59.6 89.4#
98 1.9 40.6 61.0#





#37

1,2-Dichloropropane

Concen: 0.622 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV023225.D

Acq: 05 Nov 2021 12:30

Instrument :

MSVOA_V

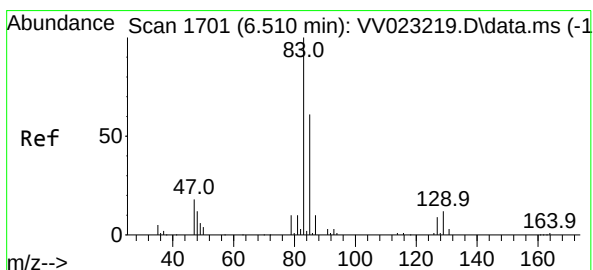
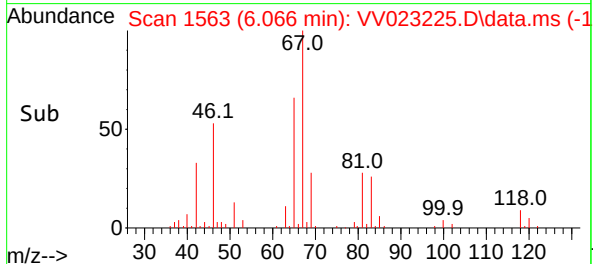
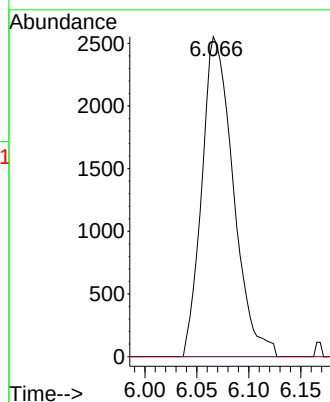
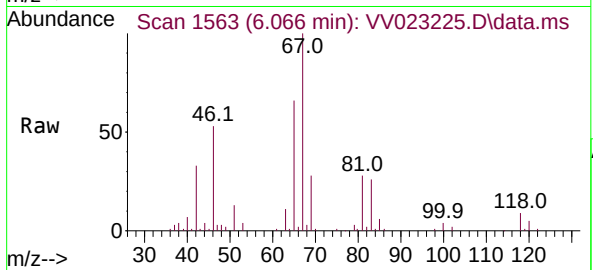
ClientSampleId :

Tgt Ion: 63 Resp: 5362

Ion Ratio Lower Upper

63 100

112 0.0 4.5 6.7#



#38

Bromodichloromethane

Concen: 0.106 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VV023225.D

Acq: 05 Nov 2021 12:30

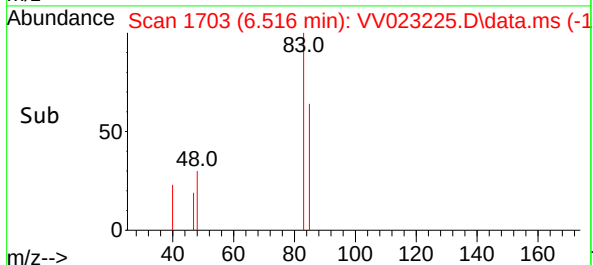
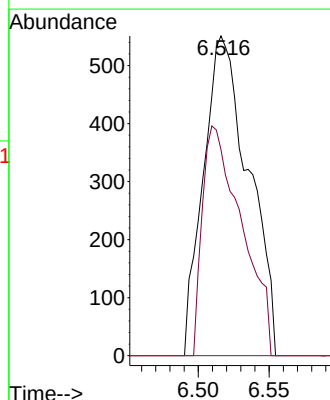
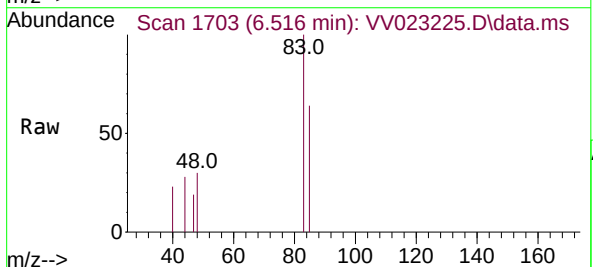
Tgt Ion: 83 Resp: 1226

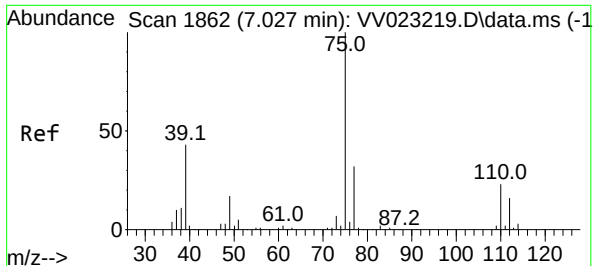
Ion Ratio Lower Upper

83 100

85 64.4 46.1 85.5

127 0.0 7.5 11.3#





#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV023225.D

Acq: 05 Nov 2021 12:30

Instrument :

MSVOA_V

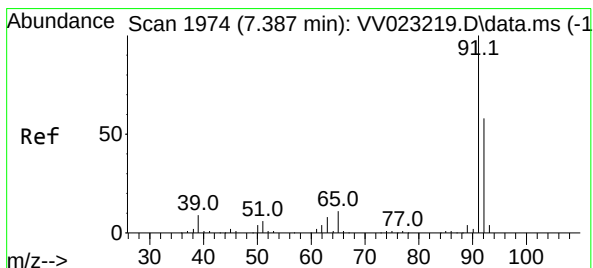
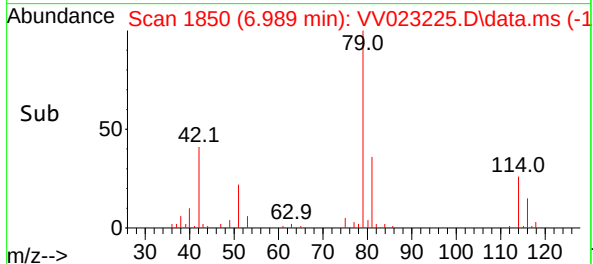
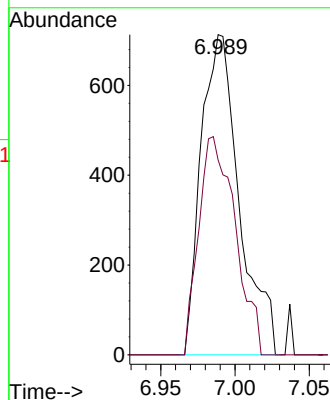
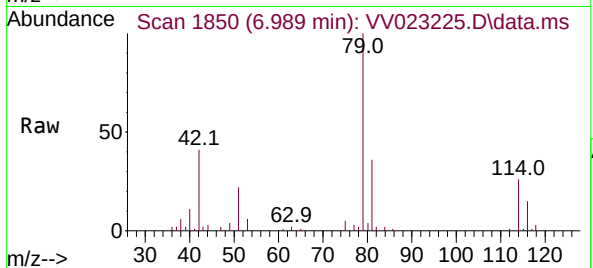
ClientSampleId :

Tgt Ion: 75 Resp: 1279

Ion Ratio Lower Upper

75 100

77 60.9 22.3 41.3#



#42

Toluene

Concen: 0.067 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023225.D

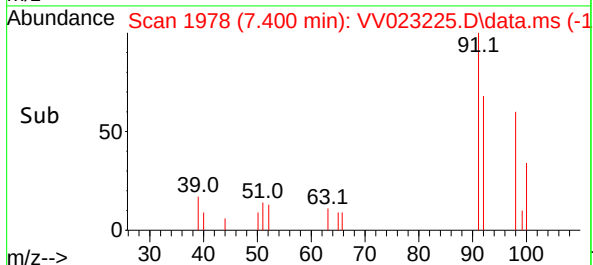
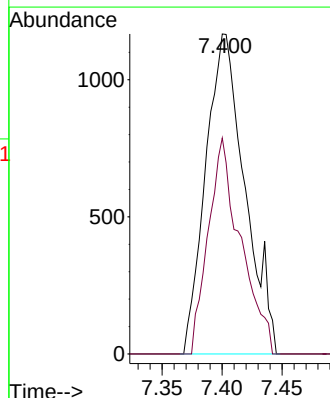
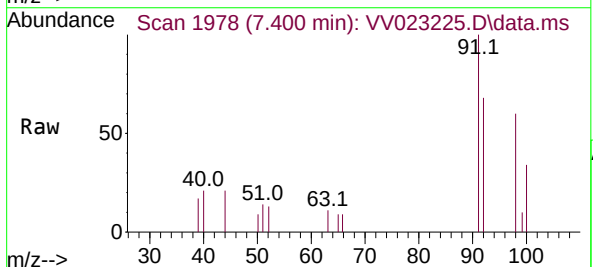
Acq: 05 Nov 2021 12:30

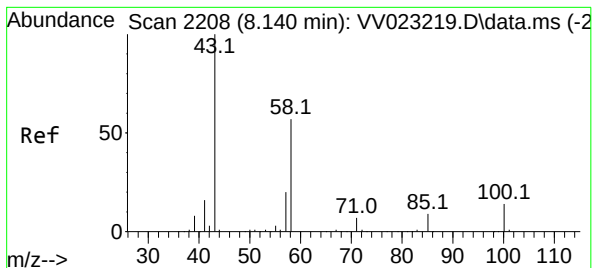
Tgt Ion: 91 Resp: 2647

Ion Ratio Lower Upper

91 100

92 67.5 40.4 75.0





#48

2-Hexanone

Concen: 0.800 ug/L

RT: 8.146 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV023225.D

Acq: 05 Nov 2021 12:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 2294

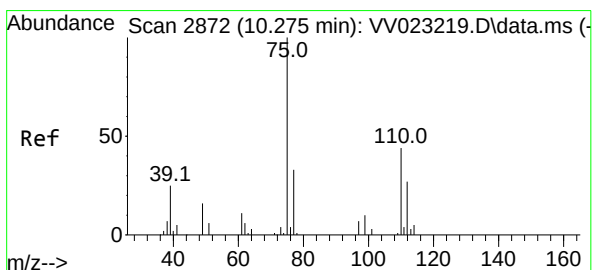
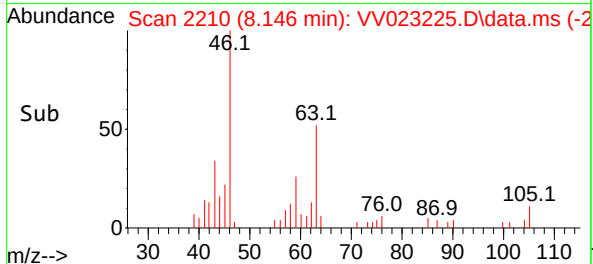
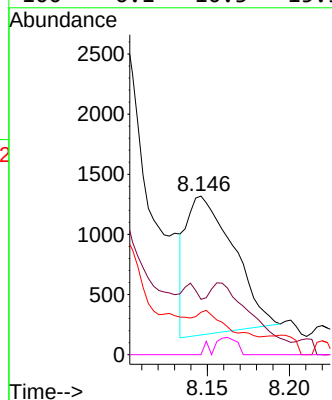
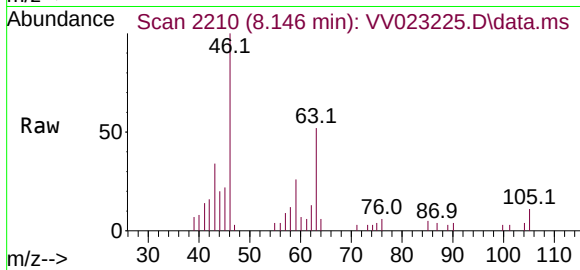
Ion Ratio Lower Upper

43 100

58 46.5 43.0 64.6

57 13.6 14.9 22.3#

100 6.1 10.3 15.5#



#61

1,2,3-Trichloropropane

Concen: 1.643 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023225.D

Acq: 05 Nov 2021 12:30

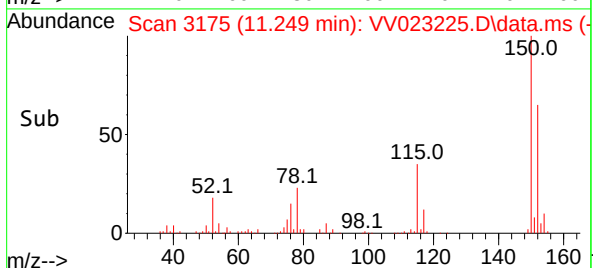
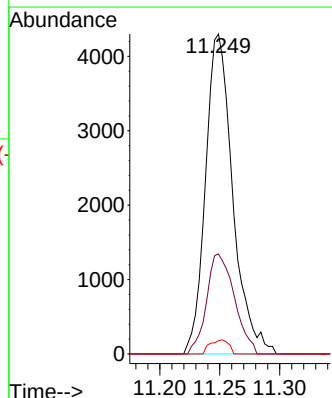
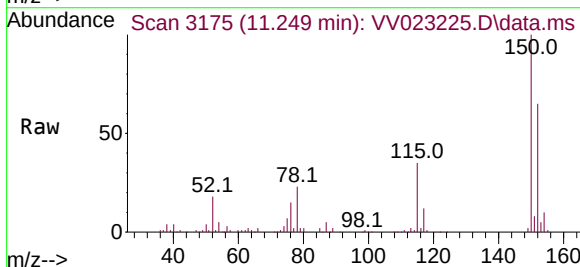
Tgt Ion: 75 Resp: 6791

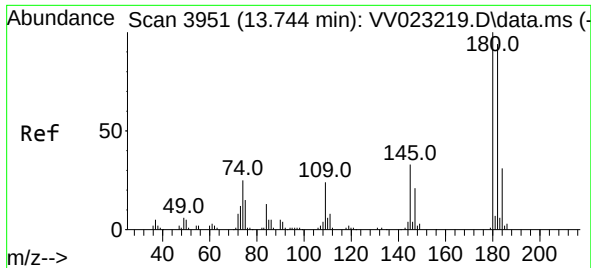
Ion Ratio Lower Upper

75 100

77 31.9 26.6 39.8

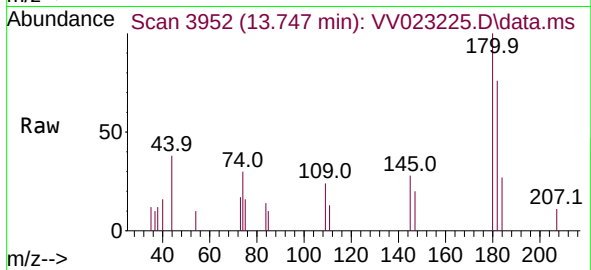
110 3.0 33.0 49.4#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.168 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.003 min
 Lab File: VV023225.D
 Acq: 05 Nov 2021 12:30

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	1678
Ion	Ratio	Lower	Upper
180	100		
182	81.4	77.1	115.7
145	30.3	25.4	38.0

