

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023335.D
 Acq On : 10 Nov 2021 16:06
 Operator : SY/MD
 Sample : M4558-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 00:43:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 00:38:57 2021
 Response via : Initial Calibration

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

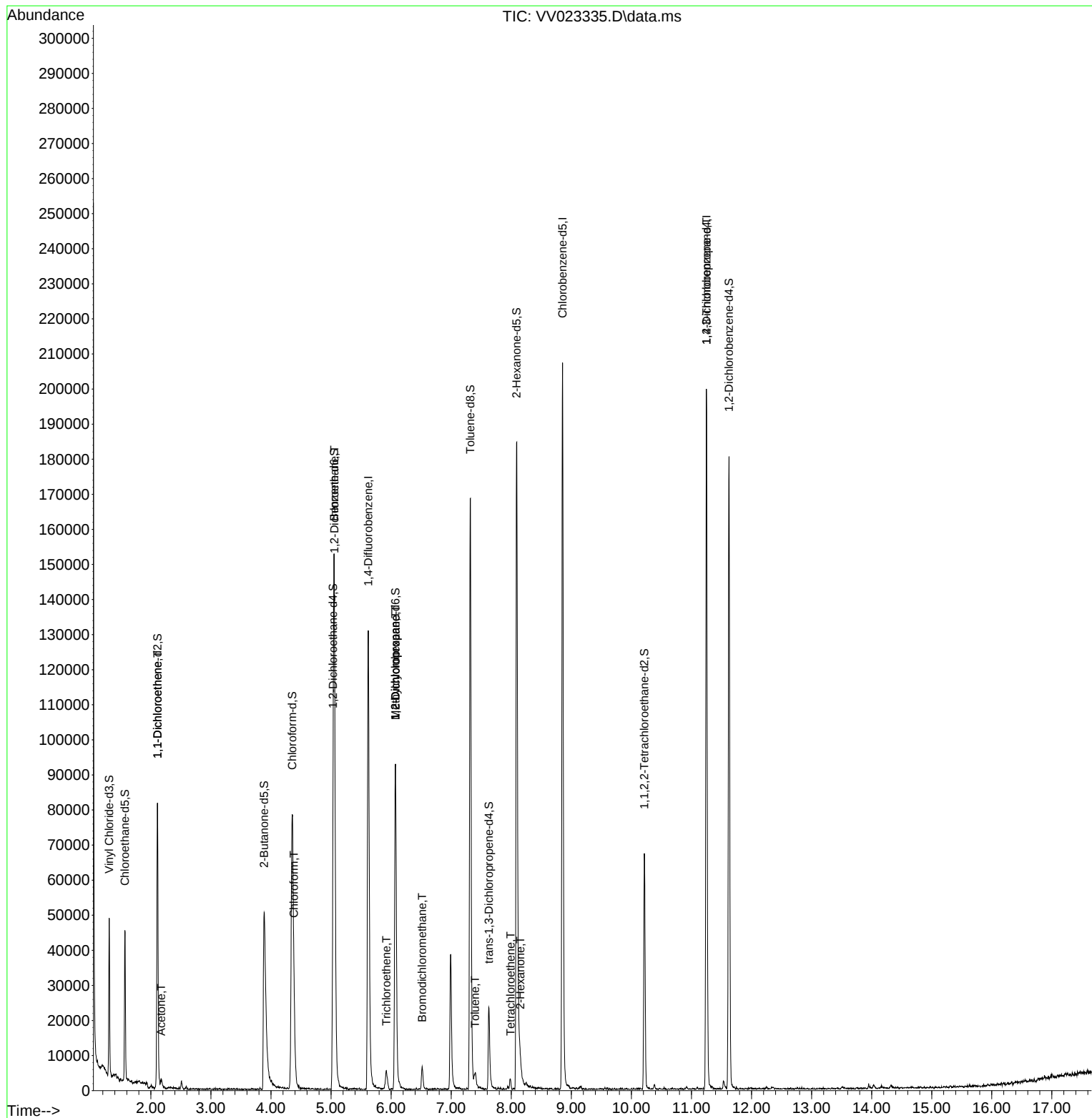
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116211	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	116918	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53466	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27461	3.772	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.568	69	26427	4.454	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.111	63	41212	3.024	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	3.886	46	86598	69.044	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.080%#
24) Chloroform-d	4.352	84	75786	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.034	65	37399	5.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.053	84	137403	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.072	67	44212	5.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.320	98	112306	3.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	7.628	79	14544	4.343	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.088	63	59856	48.584	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32303	5.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	48318	5.427	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	417	0.060	ug/L #	1
13) Acetone	2.172	43	2694	3.515	ug/L	99
25) Chloroform	4.381	83	21235	1.385	ug/L	97
27) 1,2-Dichloroethane	5.056	62	741	0.091	ug/L #	72
34) Trichloroethene	5.921	95	445	0.051	ug/L	83
35) Methylcyclohexane	6.072	83	11079	0.808	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5073	0.665	ug/L #	85
38) Bromodichloromethane	6.516	83	4581	0.448	ug/L	91
42) Toluene	7.400	91	3474	0.099	ug/L	99
47) Tetrachloroethene	7.989	164	864	0.115	ug/L	78
48) 2-Hexanone	8.149	43	4541	1.832	ug/L #	84
61) 1,2,3-Trichloropropane	11.249	75	5776	1.626	ug/L #	67

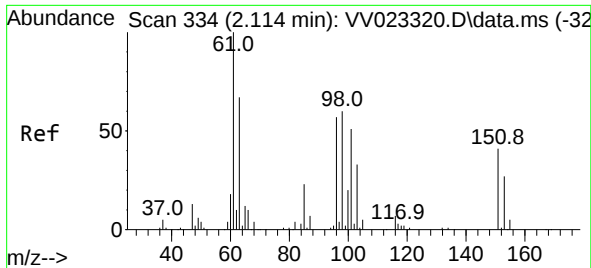
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV023335.D

Acq: 10 Nov 2021 16:06

Instrument :

MSVOA_V

ClientSampleId :

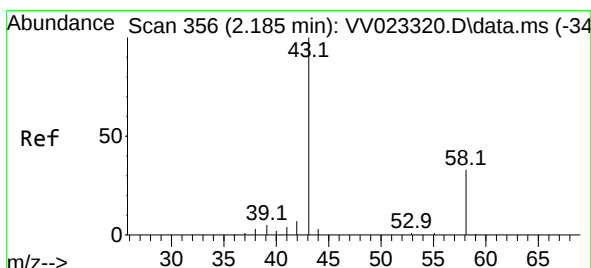
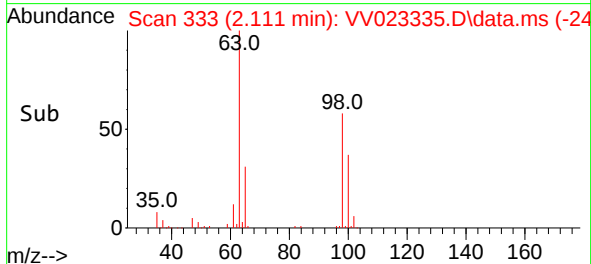
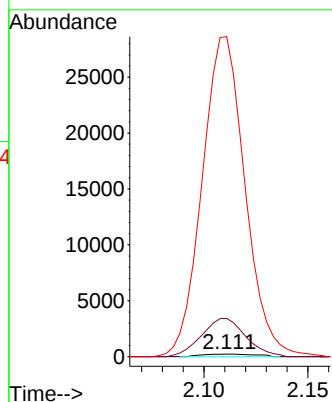
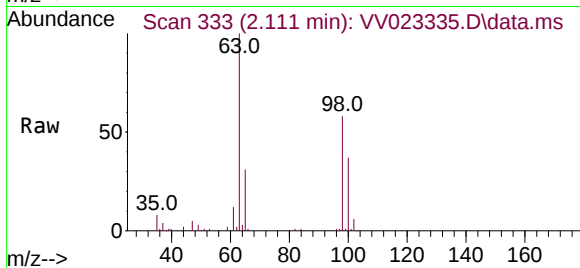
Tgt Ion: 96 Resp: 417

Ion Ratio Lower Upper

96 100

61 1480.1 121.5 225.7#

63 12391.3 99.6 185.0#



#13

Acetone

Concen: 3.515 ug/L

RT: 2.172 min Scan# 352

Delta R.T. -0.013 min

Lab File: VV023335.D

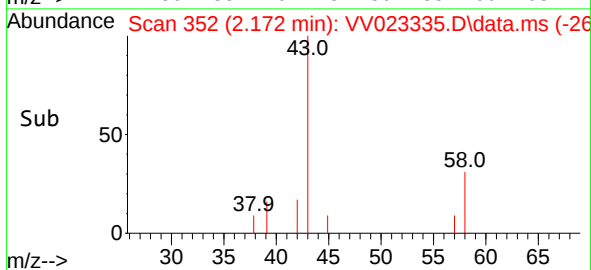
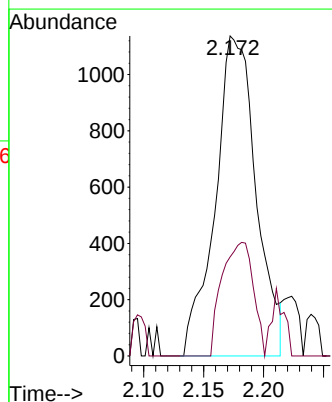
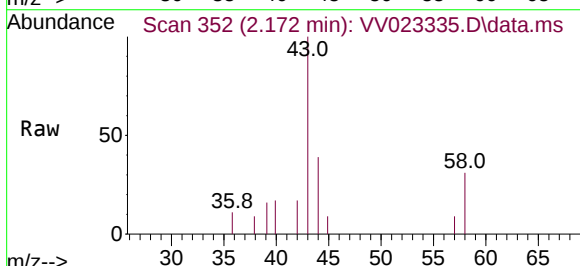
Acq: 10 Nov 2021 16:06

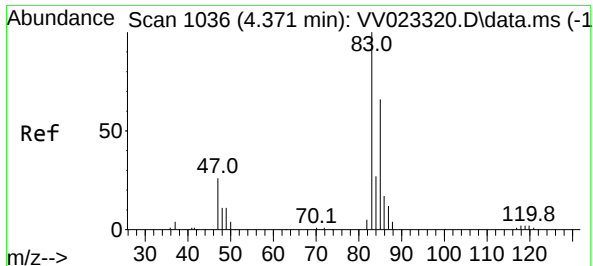
Tgt Ion: 43 Resp: 2694

Ion Ratio Lower Upper

43 100

58 27.2 0.0 55.4





#25

Chloroform

Concen: 1.385 ug/L

RT: 4.381 min Scan# 1036

Delta R.T. 0.010 min

Lab File: VV023335.D

Acq: 10 Nov 2021 16:06

Instrument :

MSVOA_V

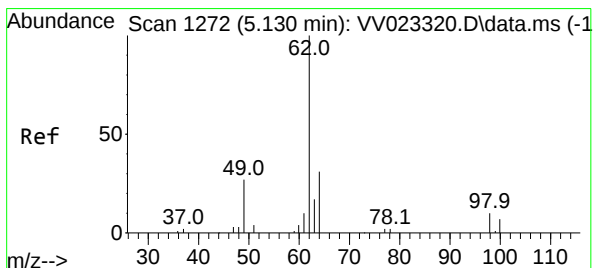
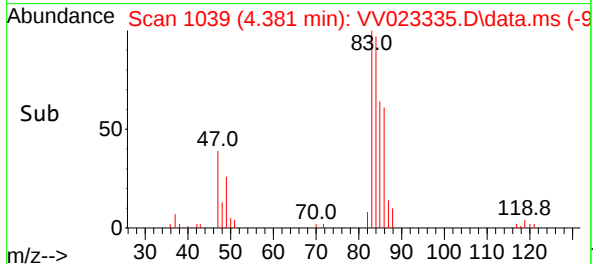
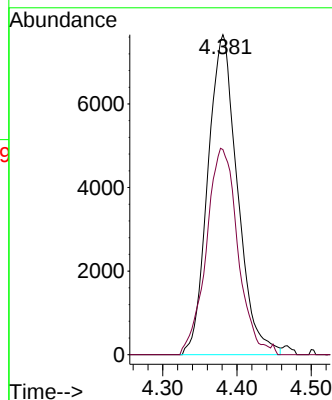
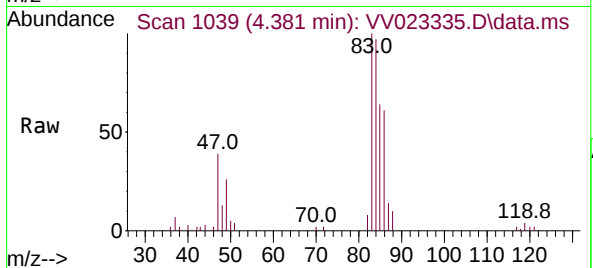
ClientSampleId :

Tgt Ion: 83 Resp: 21235

Ion Ratio Lower Upper

83 100

85 64.1 46.8 86.8



#27

1,2-Dichloroethane

Concen: 0.091 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.074 min

Lab File: VV023335.D

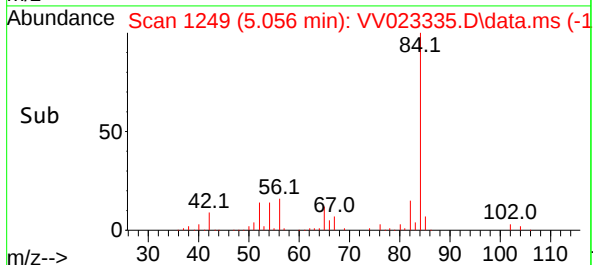
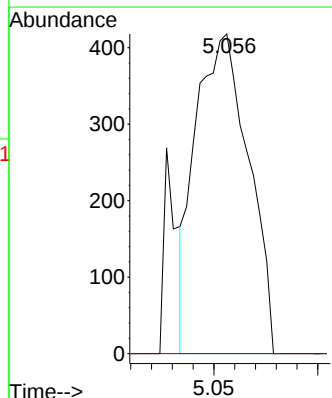
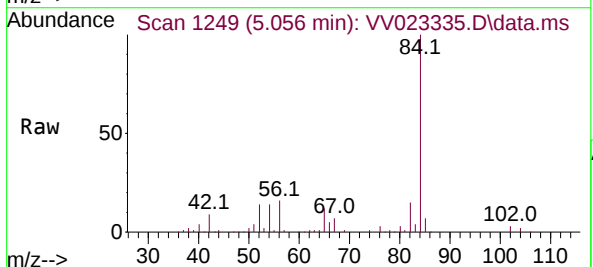
Acq: 10 Nov 2021 16:06

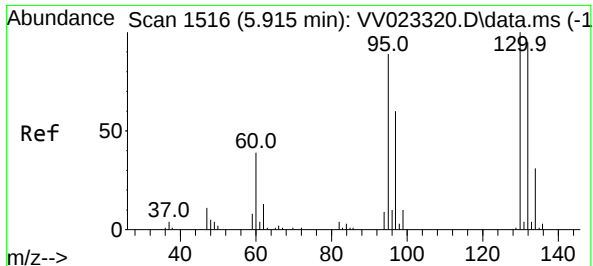
Tgt Ion: 62 Resp: 741

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



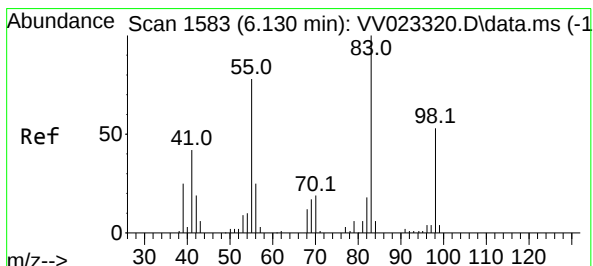
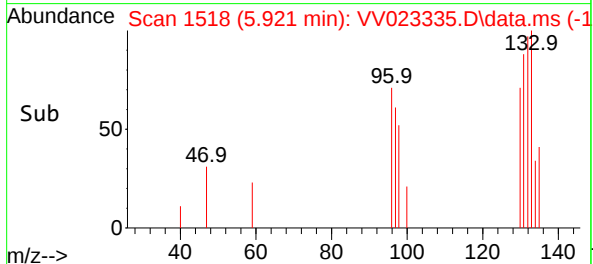
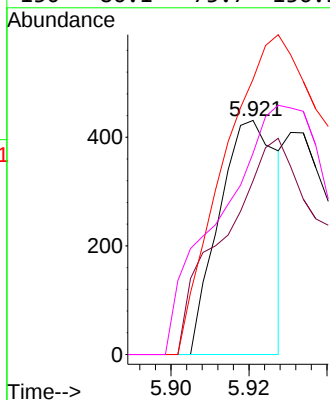
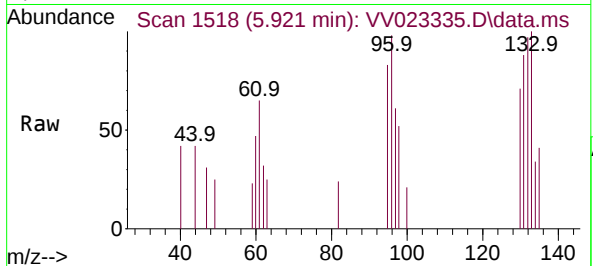


#34
 Trichloroethene
 Concen: 0.051 ug/L
 RT: 5.921 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VV023335.D
 Acq: 10 Nov 2021 16:06

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 95 Resp: 445

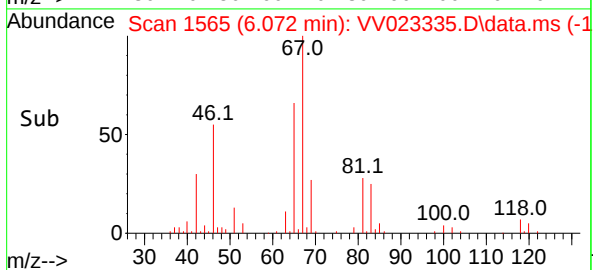
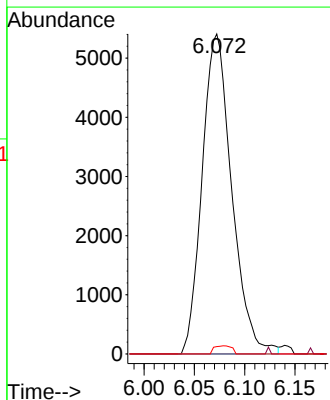
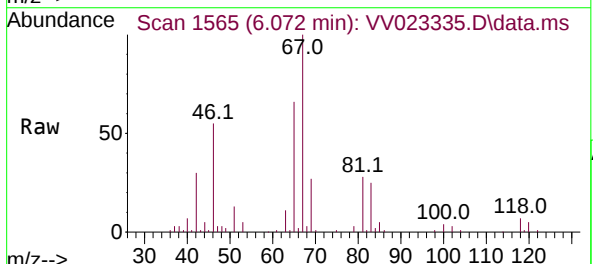
Ion	Ratio	Lower	Upper
95	100		
97	74.2	45.0	83.6
132	117.6	69.7	129.4
130	86.1	73.7	136.9

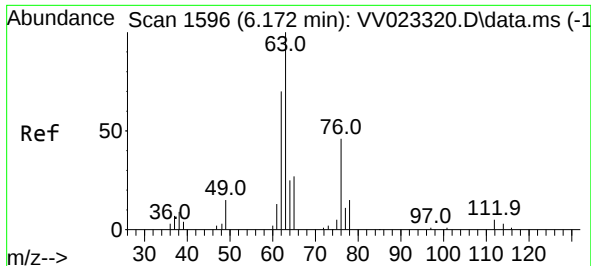


#35
 Methylcyclohexane
 Concen: 0.808 ug/L
 RT: 6.072 min Scan# 1565
 Delta R.T. -0.058 min
 Lab File: VV023335.D
 Acq: 10 Nov 2021 16:06

Tgt Ion: 83 Resp: 11079

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.8	94.2#
98	1.5	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.665 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV023335.D

Acq: 10 Nov 2021 16:06

Instrument :

MSVOA_V

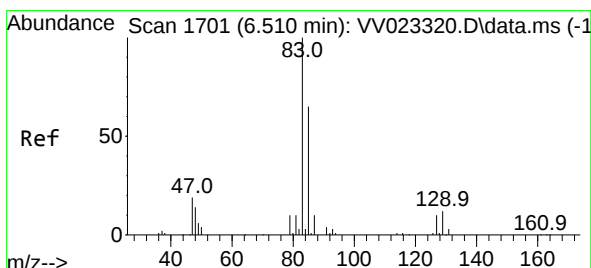
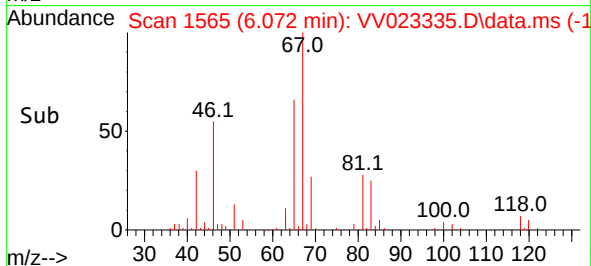
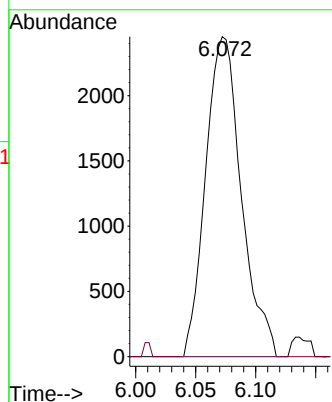
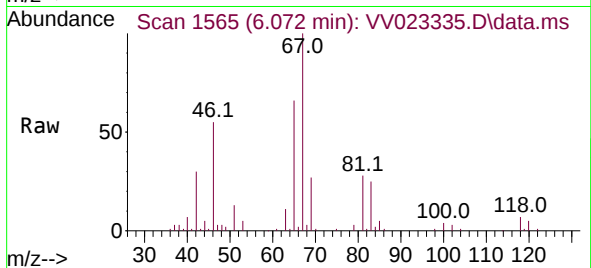
ClientSampleId :

Tgt Ion: 63 Resp: 5073

Ion Ratio Lower Upper

63 100

112 0.8 4.6 6.8#



#38

Bromodichloromethane

Concen: 0.448 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VV023335.D

Acq: 10 Nov 2021 16:06

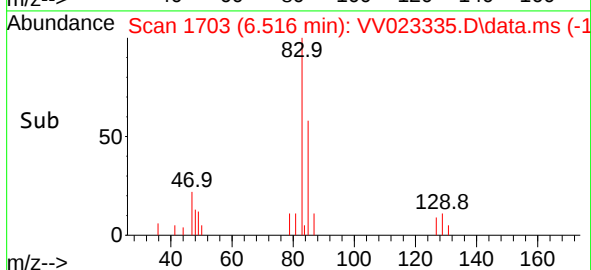
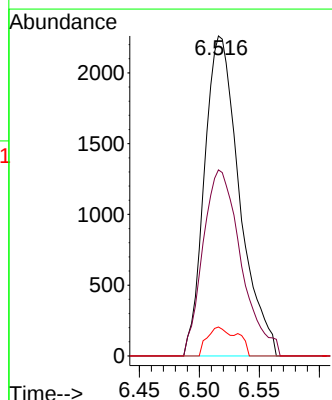
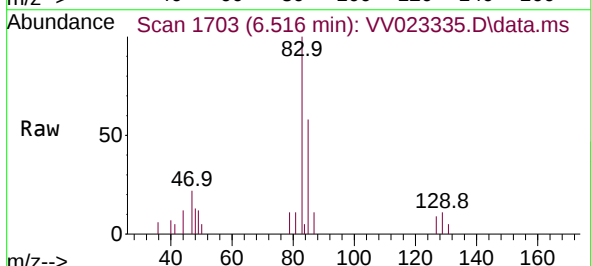
Tgt Ion: 83 Resp: 4581

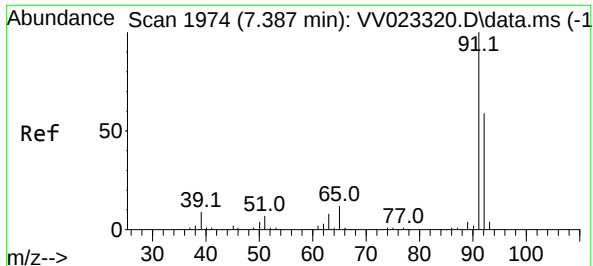
Ion Ratio Lower Upper

83 100

85 58.2 46.1 85.7

127 9.1 7.2 10.8





#42

Toluene

Concen: 0.099 ug/L

RT: 7.400 min Scan# 1974

Delta R.T. 0.013 min

Lab File: VV023335.D

Acq: 10 Nov 2021 16:06

Instrument :

MSVOA_V

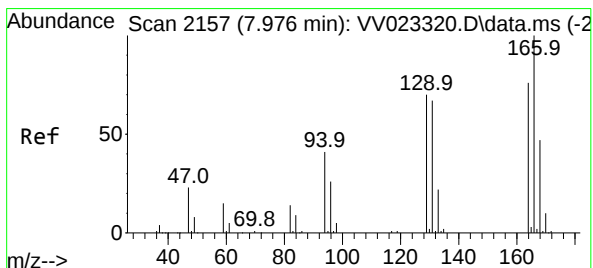
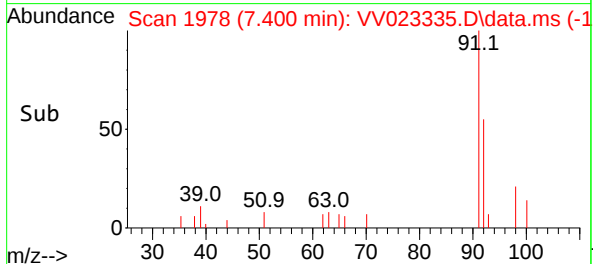
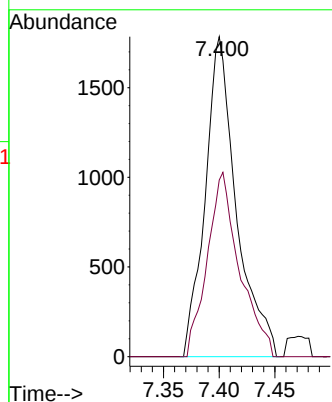
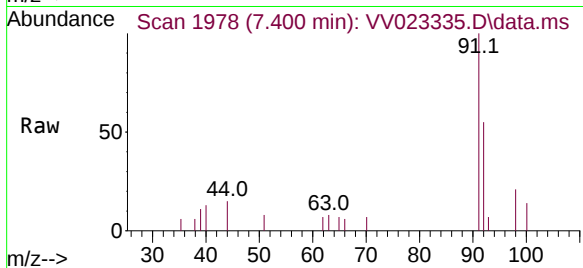
ClientSampleId :

Tgt Ion: 91 Resp: 3474

Ion Ratio Lower Upper

91 100

92 55.2 39.3 72.9



#47

Tetrachloroethene

Concen: 0.115 ug/L

RT: 7.989 min Scan# 2161

Delta R.T. 0.013 min

Lab File: VV023335.D

Acq: 10 Nov 2021 16:06

Tgt Ion: 164 Resp: 864

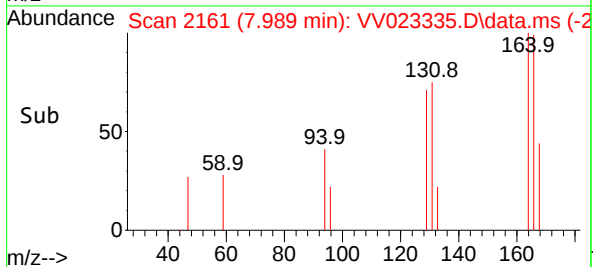
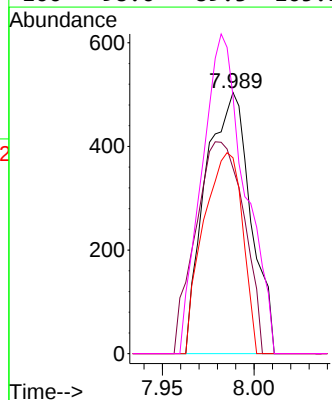
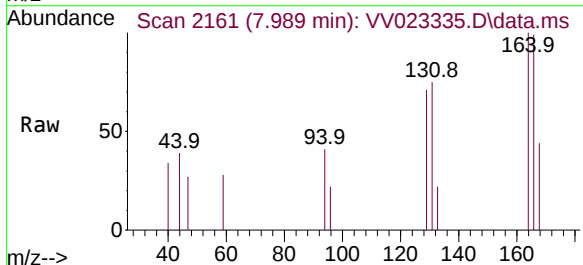
Ion Ratio Lower Upper

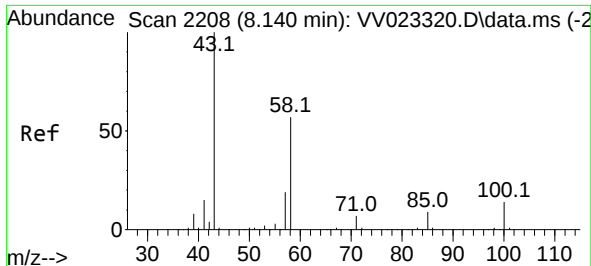
164 100

129 71.0 64.0 119.0

131 75.0 63.4 117.8

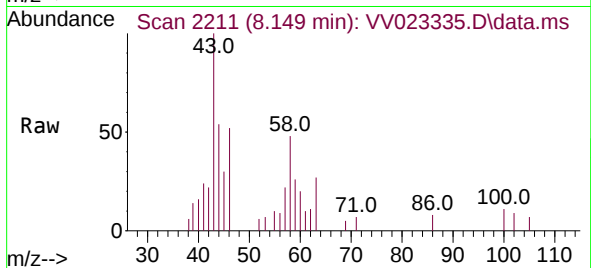
166 98.6 89.3 165.9



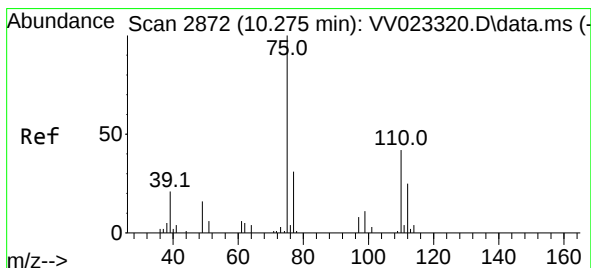
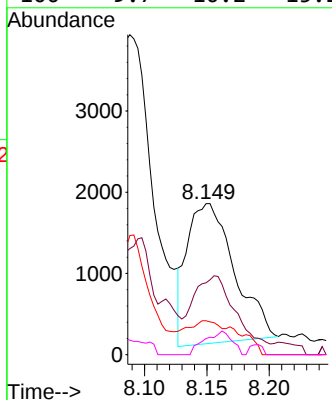
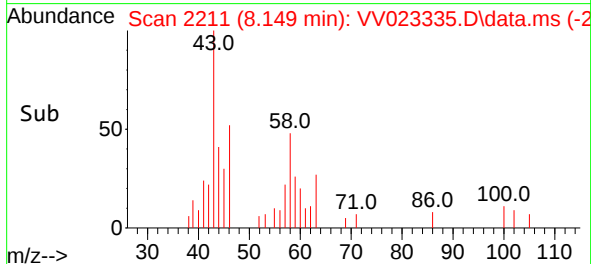


#48
2-Hexanone
Concen: 1.832 ug/L
RT: 8.149 min Scan# 2111
Delta R.T. 0.010 min
Lab File: VV023335.D
Acq: 10 Nov 2021 16:06

Instrument :
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ClientSampleId :



Tgt Ion: 43	Resp: 4541
Ion Ratio	Lower Upper
43 100	
58 43.4	43.7 65.5#
57 27.8	14.1 21.1#
100 9.7	10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.626 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023335.D
Acq: 10 Nov 2021 16:06

Tgt Ion: 75	Resp: 5776
Ion Ratio	Lower Upper
75 100	
77 34.1	26.6 39.8
110 3.2	31.8 47.6#

