

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
 Data File : VV023407.D
 Acq On : 11 Nov 2021 22:59
 Operator : SY/MD
 Sample : M4581-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 02:09:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125570	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124719	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57298	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	28118	3.574	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.564	69	25009	3.901	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.105	63	42162	2.863	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.200%#
20) 2-Butanone-d5	3.902	46	49284	36.365	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.740%
24) Chloroform-d	4.352	84	63584	3.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
26) 1,2-Dichloroethane-d4	5.034	65	29791	3.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
32) Benzene-d6	5.053	84	122308	3.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.072	67	37257	3.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.317	98	107830	3.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	7.625	79	12563	3.517	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.092	63	55136	41.954	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.900%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25017	3.693	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	40789	4.275	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%

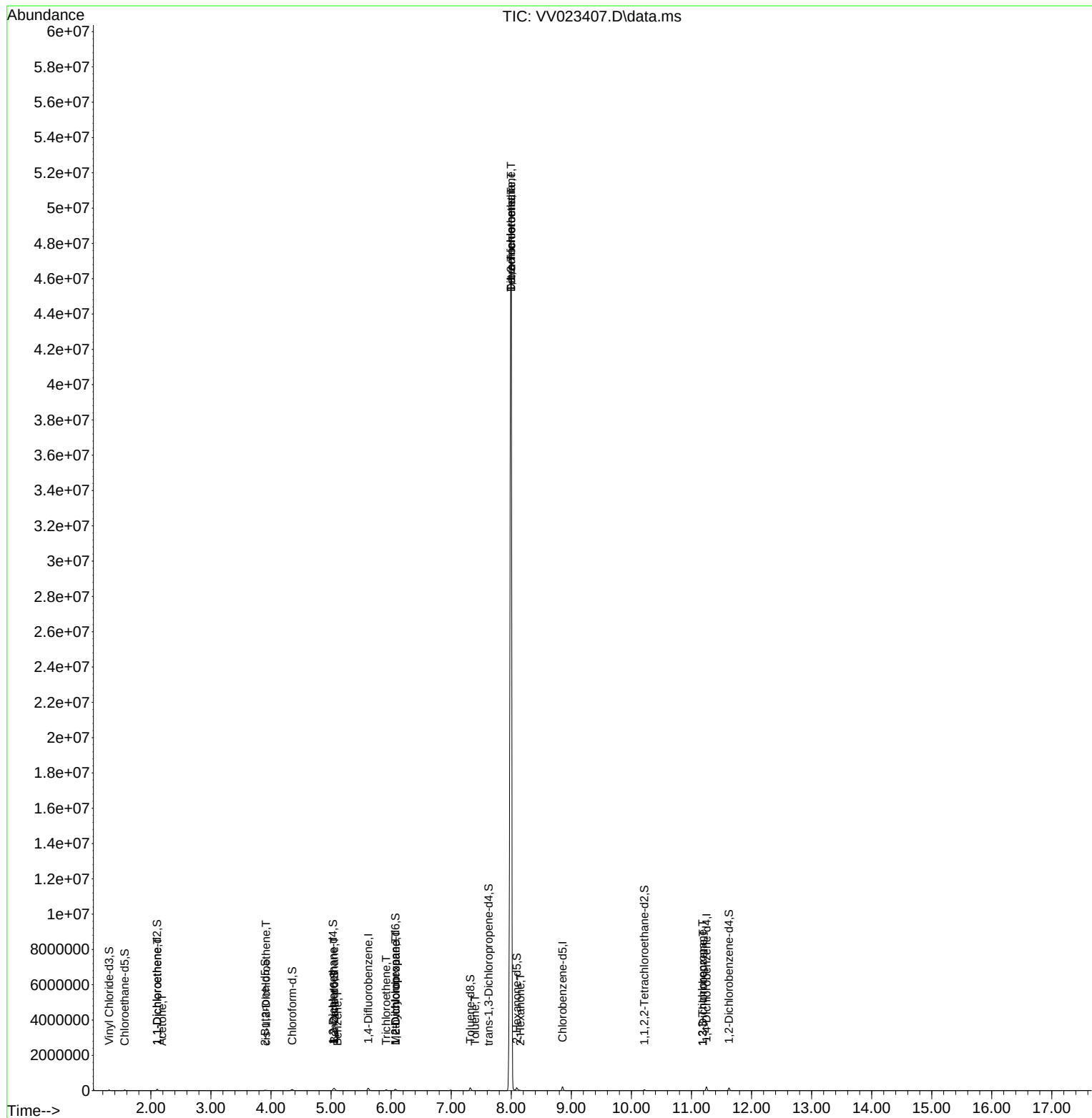
Target Compounds				Qvalue		
12) 1,1-Dichloroethene	2.108	96	541	0.072	ug/L #	1
13) Acetone	2.185	43	1098	1.326	ug/L	74
22) cis-1,2-Dichloroethene	3.915	96	1455	0.164	ug/L #	91
27) 1,2-Dichloroethane	5.053	62	818	0.093	ug/L #	72
33) Benzene	5.108	78	3647	0.105	ug/L	100
34) Trichloroethene	5.918	95	17078	1.842	ug/L	98
35) Methylcyclohexane	6.072	83	9447	0.646	ug/L #	18
37) 1,2-Dichloropropane	6.076	63	4330	0.532	ug/L #	83
42) Toluene	7.397	91	4065	0.109	ug/L	88
45) 1,1,2-Trichloroethane	7.995	97	125047	21.386	ug/L #	21
47) Tetrachloroethene	7.995	164	12377857	1540.690	ug/L	94
48) 2-Hexanone	8.149	43	2340	0.885	ug/L #	47
49) Dibromochloromethane	7.995	129	11909717	1607.485	ug/L #	10
61) 1,2,3-Trichloropropane	11.185	75	393	0.103	ug/L #	38
64) 1,3-Dichlorobenzene	11.191	146	1342	0.080	ug/L	94

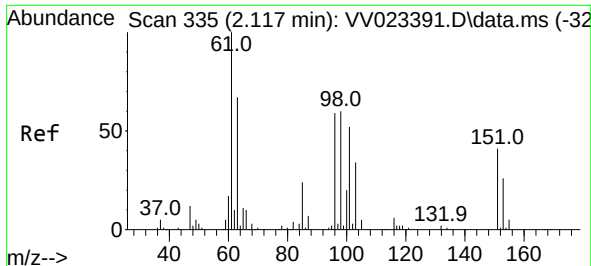
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 12 02:02:21 2021
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#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV023407.D

Acq: 11 Nov 2021 22:59

Instrument :

MSVOA_V

ClientSampleId :

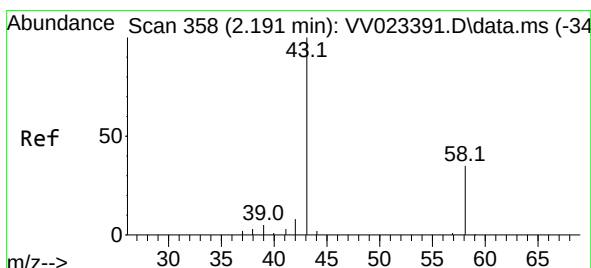
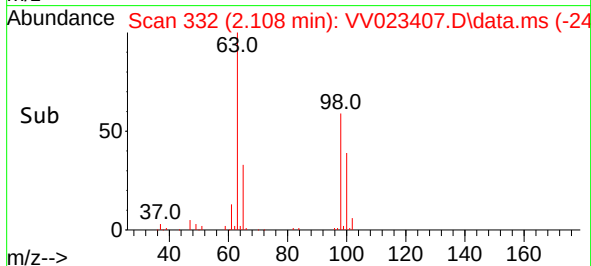
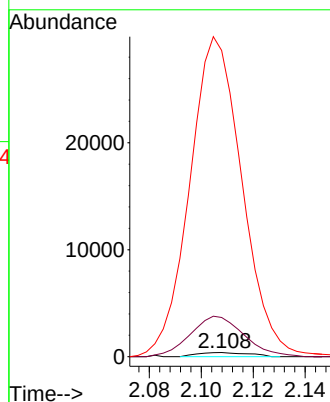
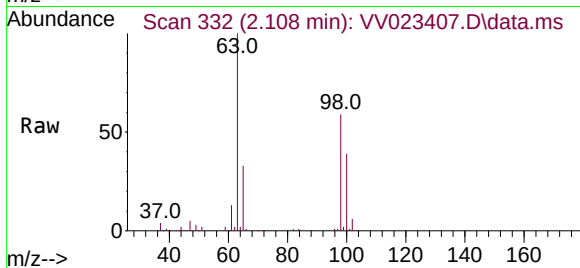
Tgt Ion: 96 Resp: 541

Ion Ratio Lower Upper

96 100

61 956.3 121.5 225.7#

63 7456.3 99.6 185.0#



#13

Acetone

Concen: 1.326 ug/L

RT: 2.185 min Scan# 356

Delta R.T. -0.006 min

Lab File: VV023407.D

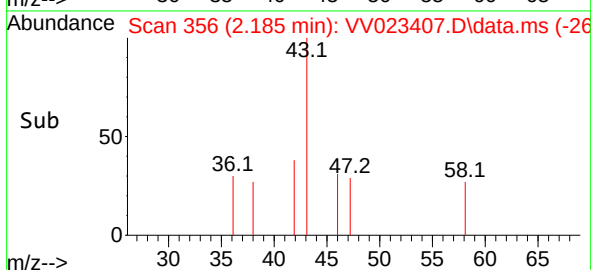
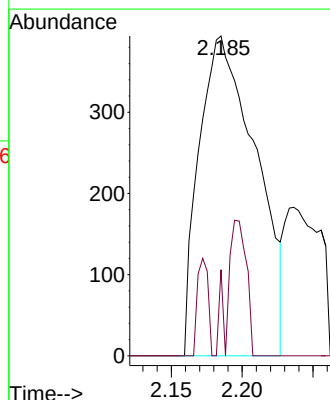
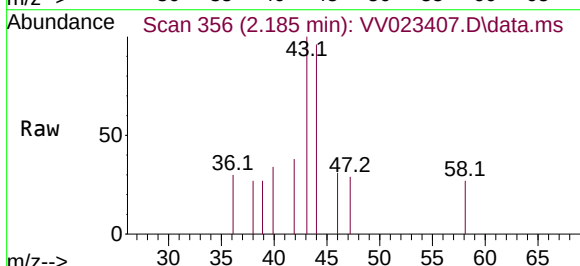
Acq: 11 Nov 2021 22:59

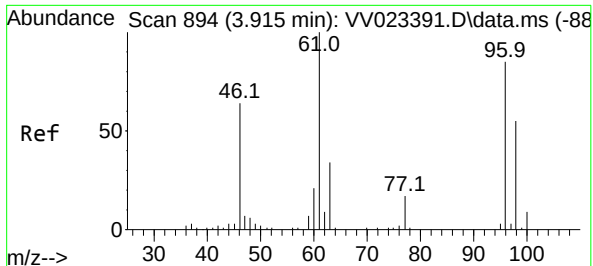
Tgt Ion: 43 Resp: 1098

Ion Ratio Lower Upper

43 100

58 14.0 0.0 55.4

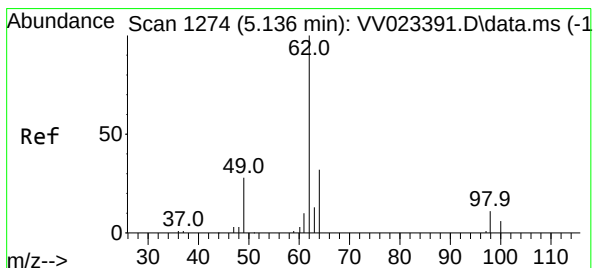
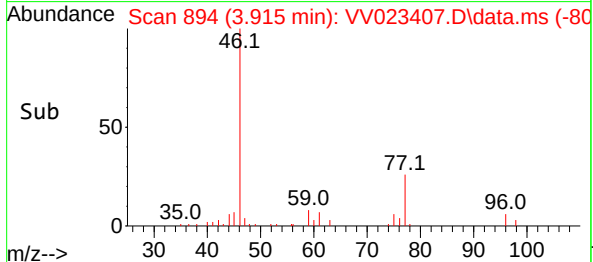
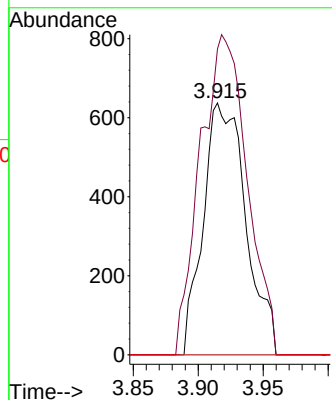
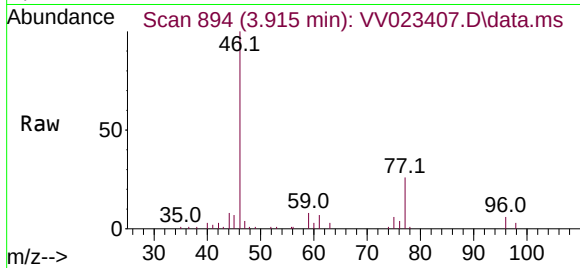




#22
 cis-1,2-Dichloroethene
 Concen: 0.164 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VV023407.D
 Acq: 11 Nov 2021 22:59

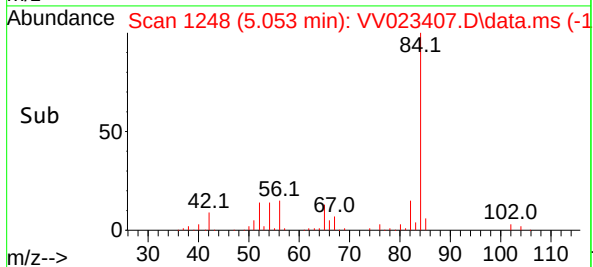
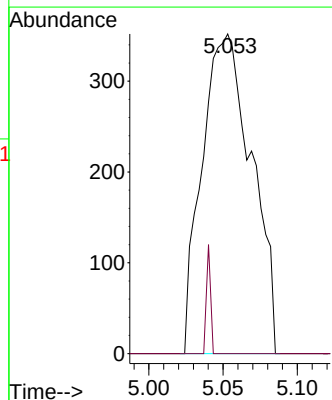
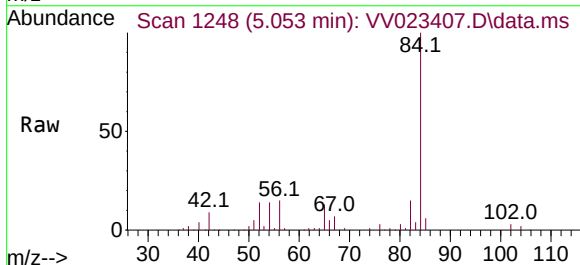
Instrument :
 MSVOA_V
 ClientSampleId :

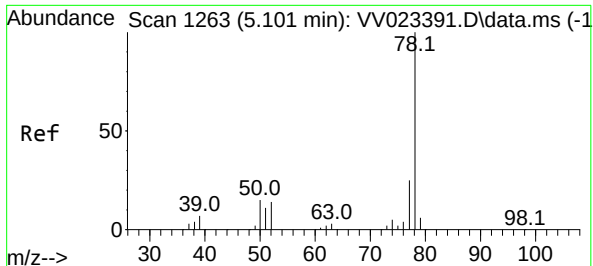
Tgt Ion: 96 Resp: 1455
 Ion Ratio Lower Upper
 96 100
 61 121.5 92.3 171.3
 68 0.0 0.4 0.8#



#27
 1,2-Dichloroethane
 Concen: 0.093 ug/L
 RT: 5.053 min Scan# 1248
 Delta R.T. -0.083 min
 Lab File: VV023407.D
 Acq: 11 Nov 2021 22:59

Tgt Ion: 62 Resp: 818
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.4#

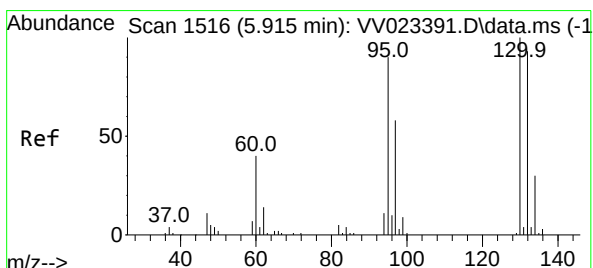
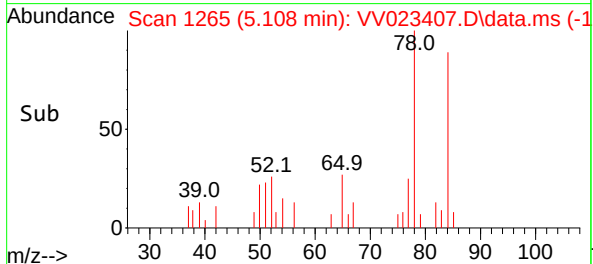
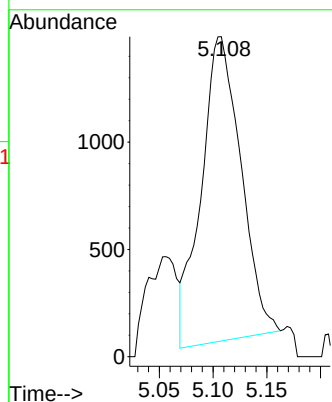
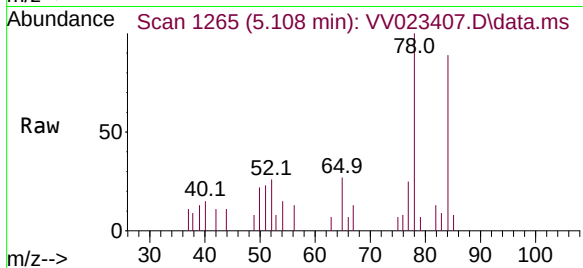




#33
Benzene
Concen: 0.105 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV023407.D
Acq: 11 Nov 2021 22:59

Instrument :
MSVOA_V
ClientSampleId :

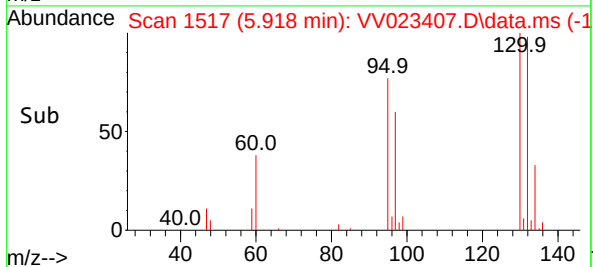
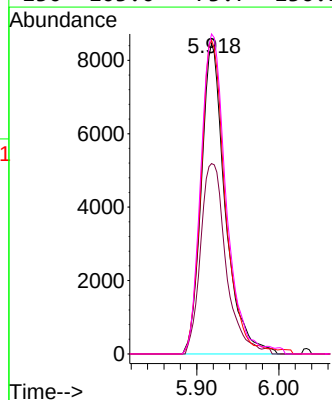
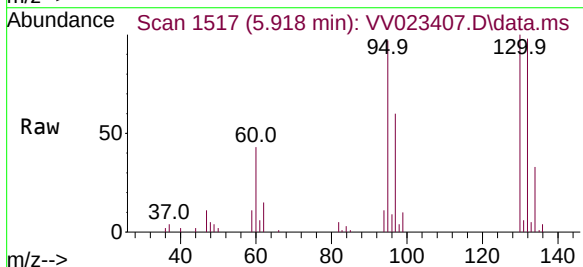
Tgt Ion: 78 Resp: 3647

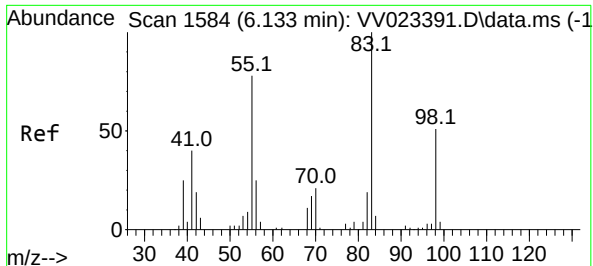


#34
Trichloroethene
Concen: 1.842 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV023407.D
Acq: 11 Nov 2021 22:59

Tgt Ion: 95 Resp: 17078

Ion	Ratio	Lower	Upper
95	100		
97	61.3	45.0	83.6
132	101.1	69.7	129.4
130	103.0	73.7	136.9





#35

Methylcyclohexane

Concen: 0.646 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV023407.D

Acq: 11 Nov 2021 22:59

Instrument :

MSVOA_V

ClientSampleId :

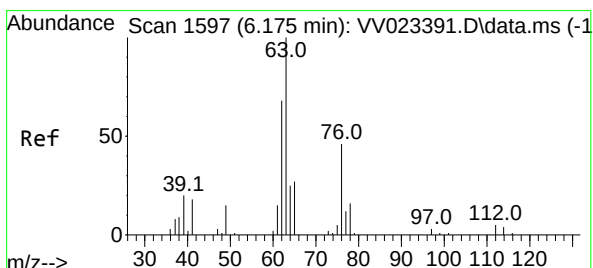
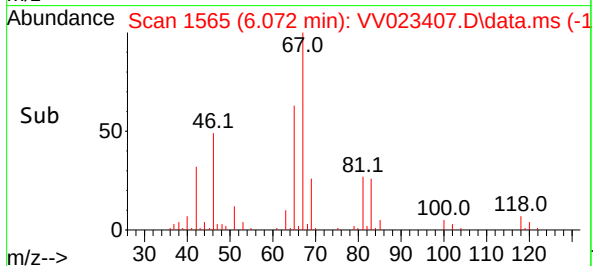
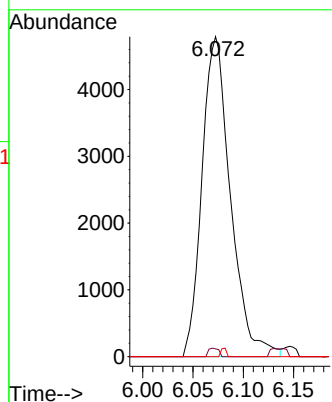
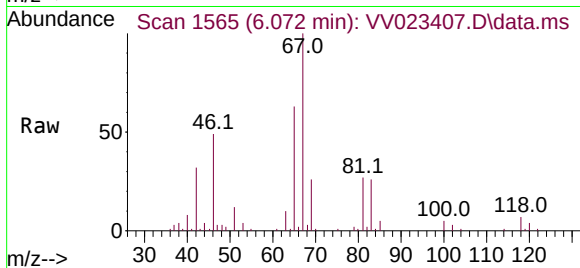
Tgt Ion: 83 Resp: 9447

Ion Ratio Lower Upper

83 100

55 0.9 62.8 94.2#

98 0.5 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.532 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.100 min

Lab File: VV023407.D

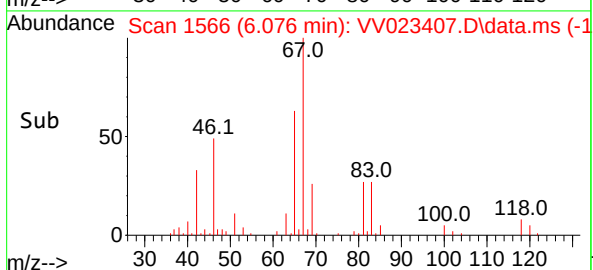
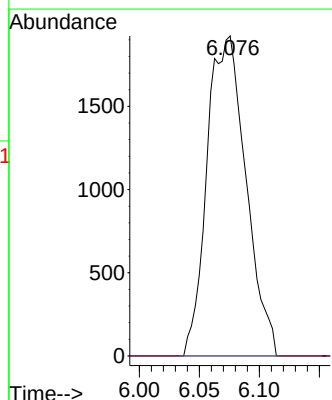
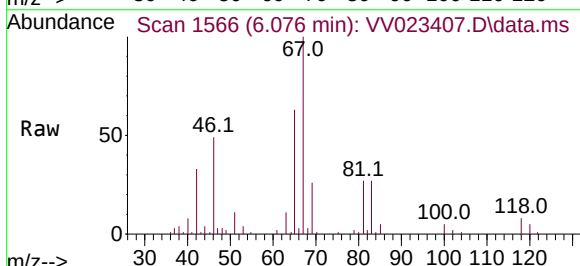
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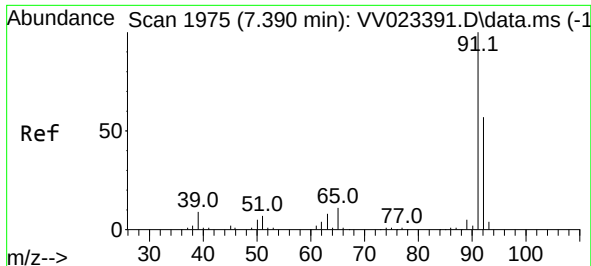
Tgt Ion: 63 Resp: 4330

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#42

Toluene

Concen: 0.109 ug/L

RT: 7.397 min Scan# 1975

Delta R.T. 0.007 min

Lab File: VV023407.D

Acq: 11 Nov 2021 22:59

Instrument :

MSVOA_V

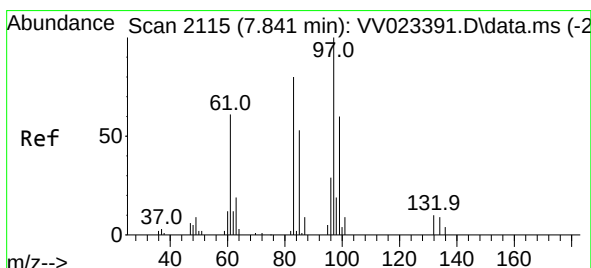
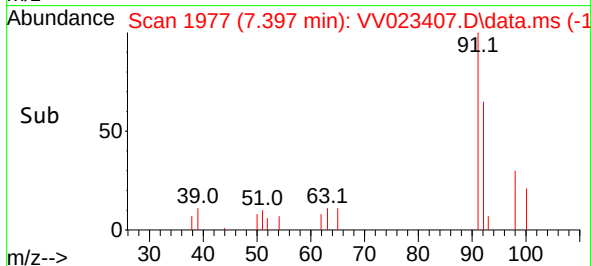
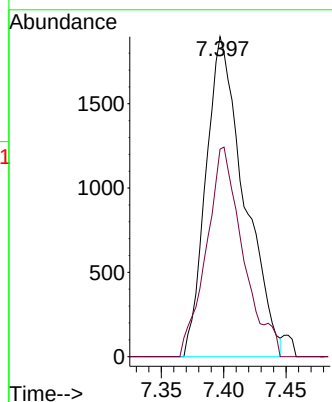
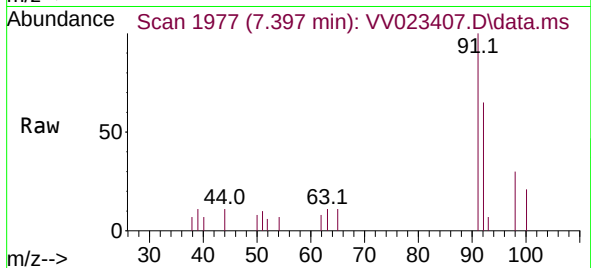
ClientSampleId :

Tgt Ion: 91 Resp: 4065

Ion Ratio Lower Upper

91 100

92 64.9 39.3 72.9



#45

1,1,2-Trichloroethane

Concen: 21.386 ug/L

RT: 7.995 min Scan# 2163

Delta R.T. 0.154 min

Lab File: VV023407.D

Acq: 11 Nov 2021 22:59

Tgt Ion: 97 Resp: 125047

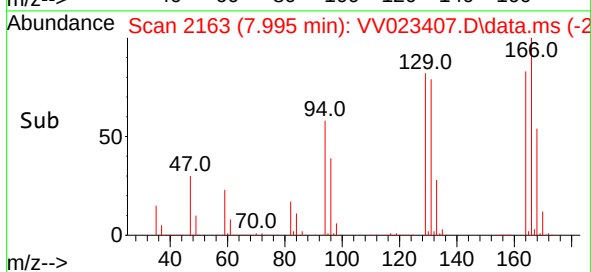
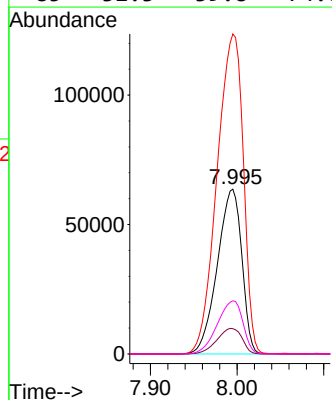
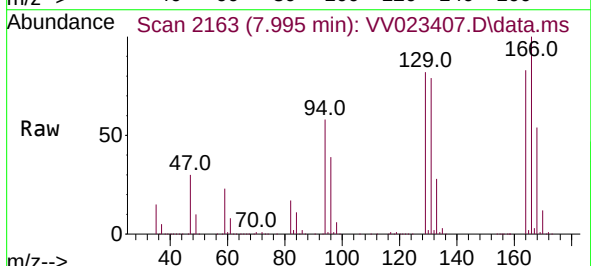
Ion Ratio Lower Upper

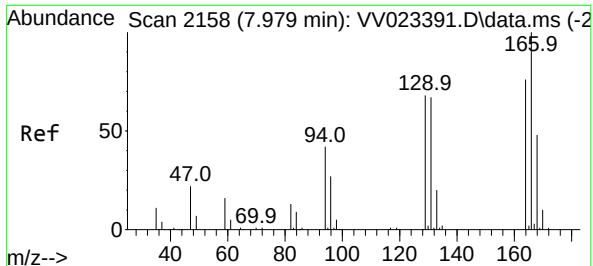
97 100

99 15.4 43.6 81.0#

83 194.2 58.4 108.4#

85 32.3 39.8 74.0#





#47

Tetrachloroethene

Concen: 1540.690 ug/L

RT: 7.995 min Scan# 2111

Delta R.T. 0.016 min

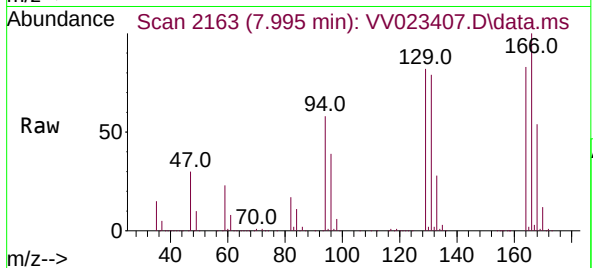
Lab File: VV023407.D

Acq: 11 Nov 2021 22:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp:12377857

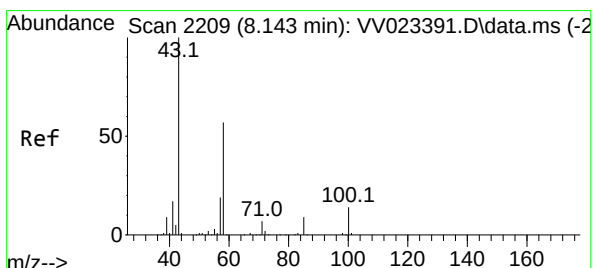
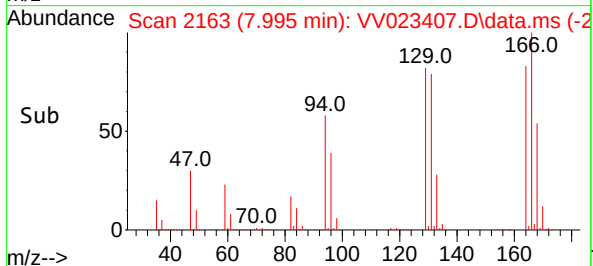
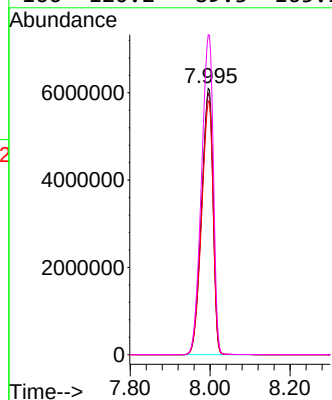
Ion Ratio Lower Upper

164 100

129 98.0 64.0 119.0

131 95.2 63.4 117.8

166 120.2 89.3 165.9



#48

2-Hexanone

Concen: 0.885 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.007 min

Lab File: VV023407.D

Acq: 11 Nov 2021 22:59

Tgt Ion: 43 Resp: 2340

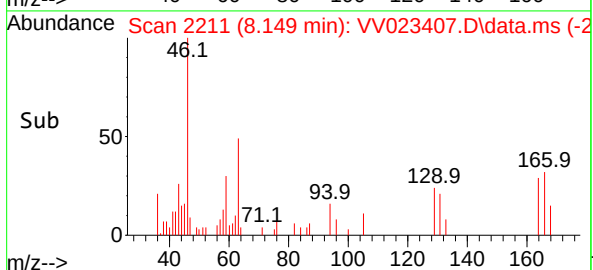
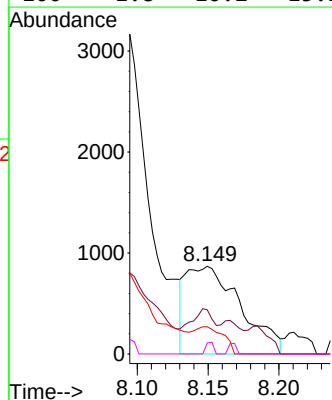
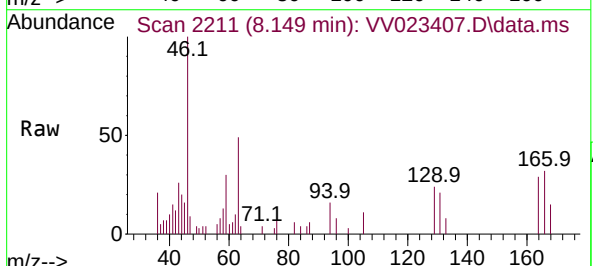
Ion Ratio Lower Upper

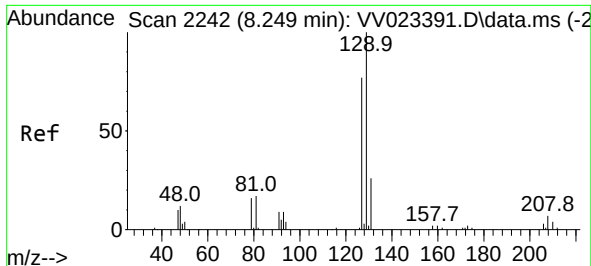
43 100

58 0.0 43.7 65.5#

57 16.4 14.1 21.1

100 1.8 10.2 15.2#

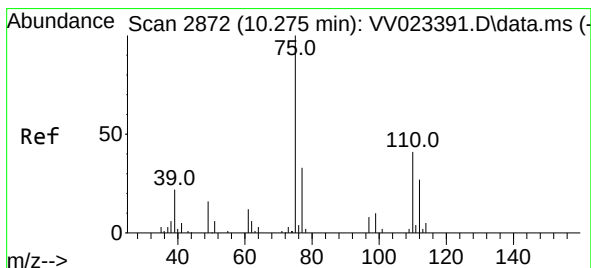
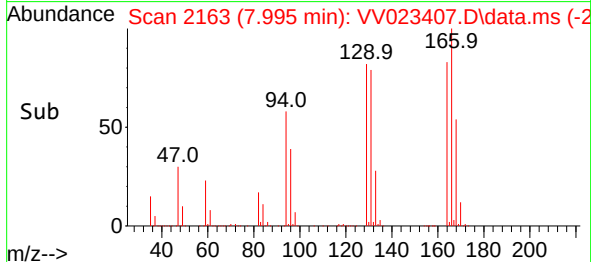
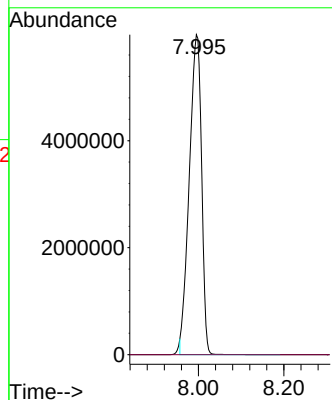
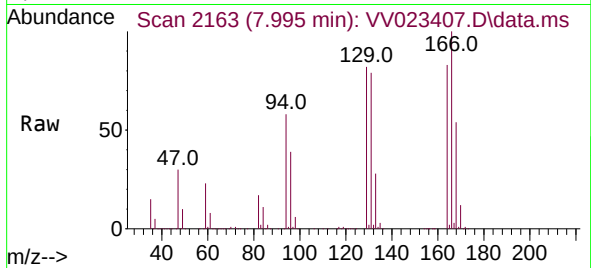




#49
Dibromochloromethane
Concen: 1607.485 ug/L
RT: 7.995 min Scan# 2163
Delta R.T. -0.254 min
Lab File: VV023407.D
Acq: 11 Nov 2021 22:59

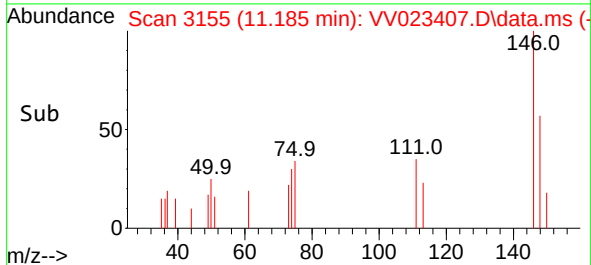
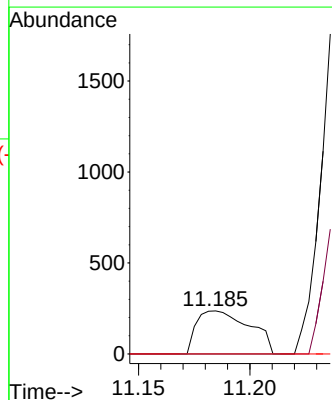
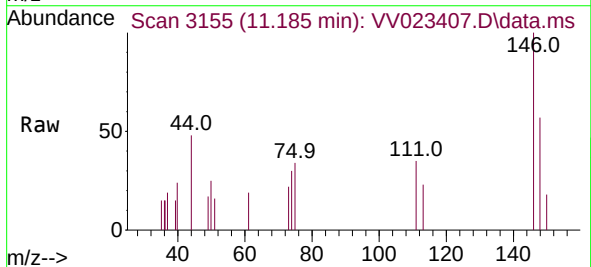
Instrument :
MSVOA_V
ClientSampleId :

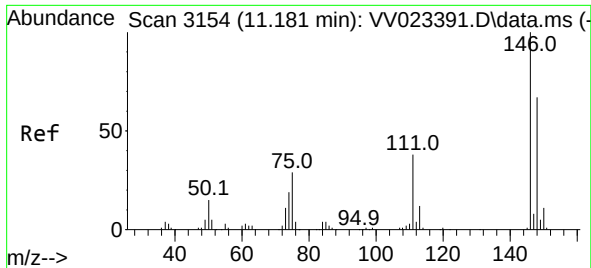
Tgt Ion:129 Resp:11909717
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#



#61
1,2,3-Trichloropropane
Concen: 0.103 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.910 min
Lab File: VV023407.D
Acq: 11 Nov 2021 22:59

Tgt Ion: 75 Resp: 393
Ion Ratio Lower Upper
75 100
77 0.0 26.6 39.8#
110 0.0 31.8 47.6#





#64

1,3-Dichlorobenzene

Concen: 0.080 ug/L

RT: 11.191 min Scan# 31

Delta R.T. 0.010 min

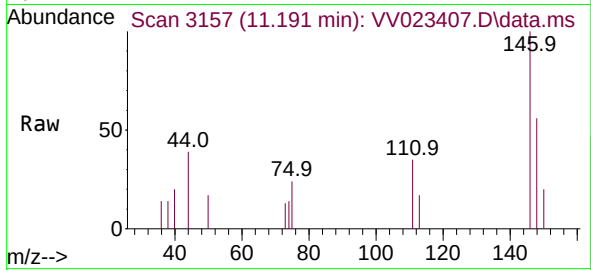
Lab File: VV023407.D

Acq: 11 Nov 2021 22:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:146 Resp: 1342

Ion Ratio Lower Upper

146 100

111 35.3 26.7 49.7

148 56.3 42.9 79.7

