

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110121\
 Data File : VW023112.D
 Acq On : 01 Nov 2021 13:21
 Operator : SY/MD
 Sample : M4364-11DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 01:15:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 01:11:36 2021
 Response via : Initial Calibration

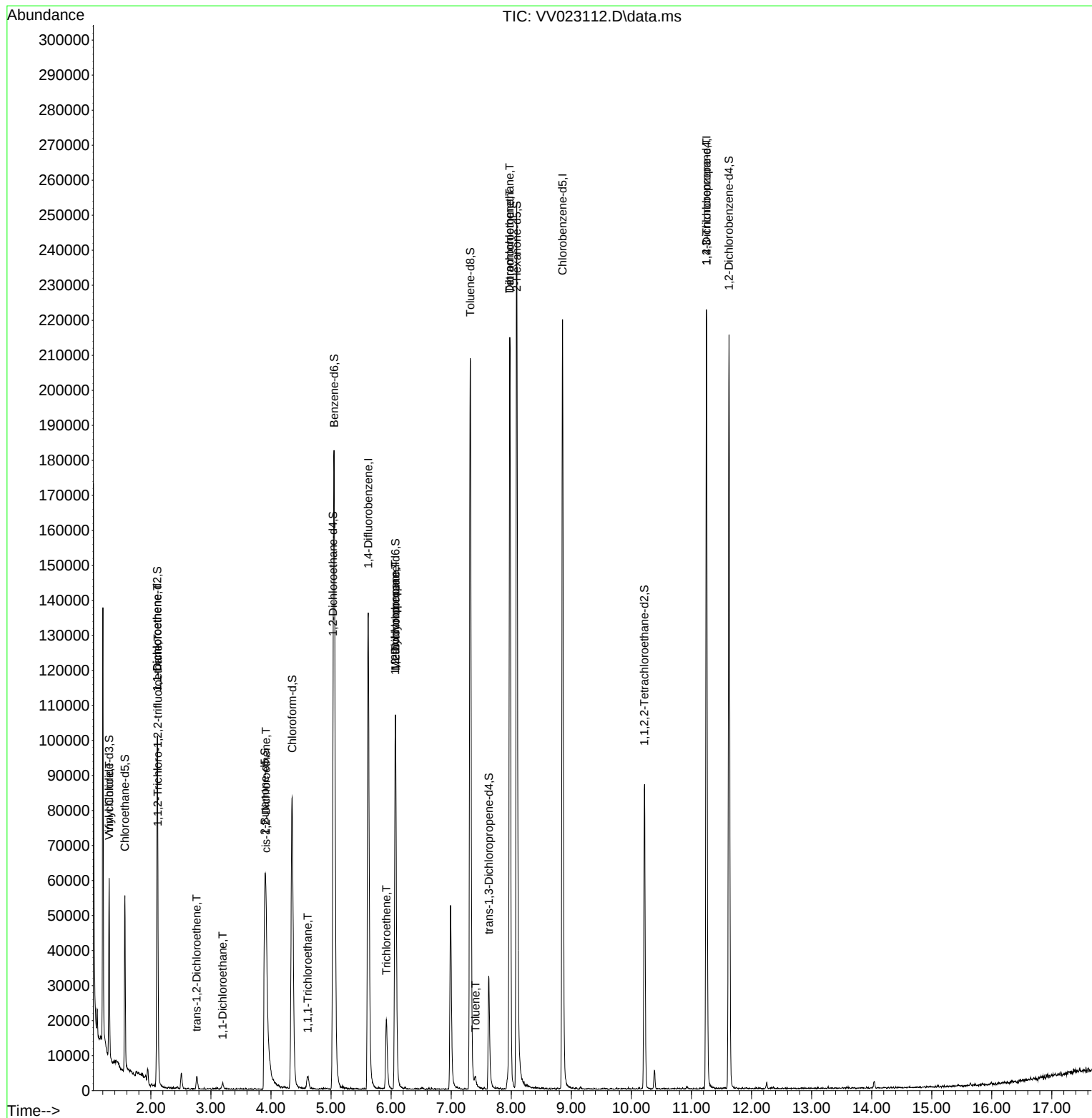
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121275	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	124304	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59048	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31447	2.967	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.568	69	29960	4.571	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.108	63	49432	3.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.600%
20) 2-Butanone-d5	3.899	46	108040	63.555	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.100%
24) Chloroform-d	4.352	84	87634	5.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.034	65	42668	5.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.053	84	164906	4.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.072	67	51881	4.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.320	98	140795	4.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.628	79	19947	5.096	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.000%
46) 2-Hexanone-d5	8.091	63	86566	59.734	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40031	5.189	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	56956	5.406	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
						Qvalue
5) Vinyl chloride	1.307	62	398	0.046	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	2696	0.408	ug/L #	83
12) 1,1-Dichloroethene	2.108	96	467	0.075	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	1491	0.225	ug/L	94
19) 1,1-Dichloroethane	3.195	63	1978	0.162	ug/L	91
22) cis-1,2-Dichloroethene	3.918	96	11613	1.545	ug/L #	90
29) 1,1,1-Trichloroethane	4.612	97	3214	0.229	ug/L	97
34) Trichloroethene	5.921	95	7012	0.834	ug/L	94
35) Methylcyclohexane	6.072	83	13067	1.086	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6213	0.737	ug/L #	83
42) Toluene	7.407	91	2475	0.073	ug/L	95
47) Tetrachloroethene	7.976	164	49959	7.037	ug/L	99
49) Dibromochloromethane	7.976	129	44109	6.285	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6596	1.587	ug/L #	64

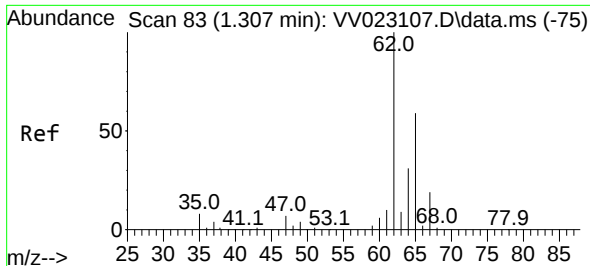
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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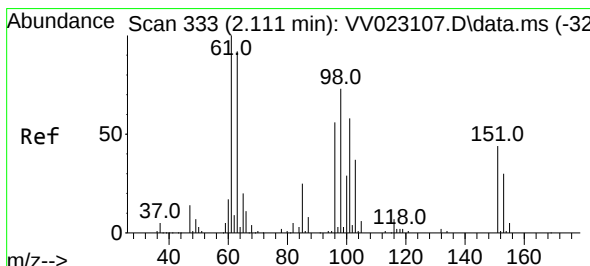
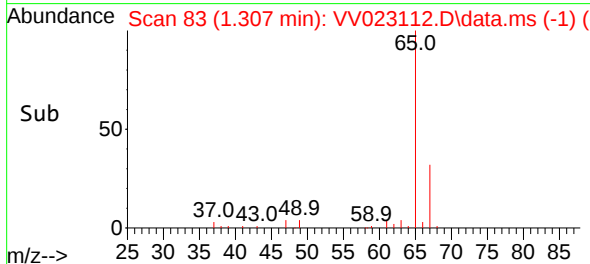
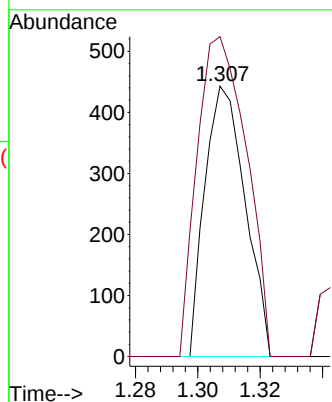
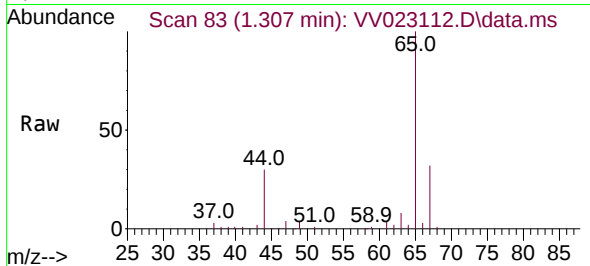




#5
 Vinyl chloride
 Concen: 0.046 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV023112.D
 Acq: 01 Nov 2021 13:21

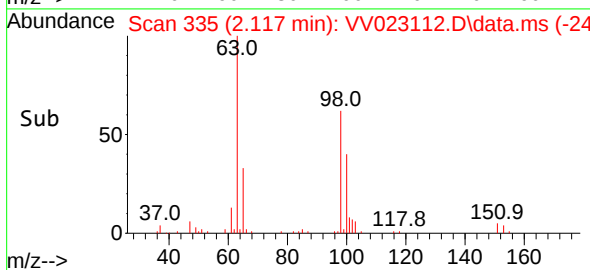
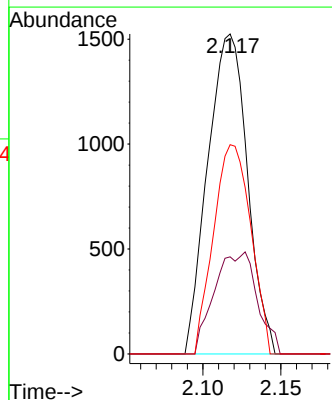
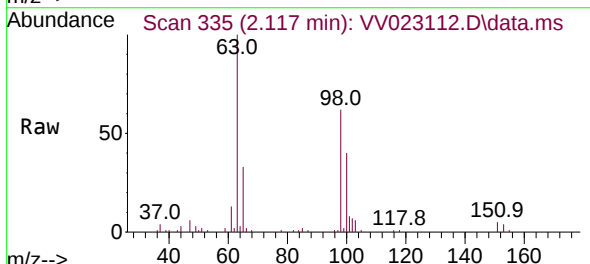
Instrument :
 MSVOA_V
 ClientSampleId :

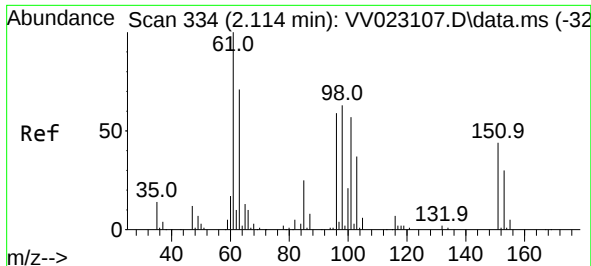
Tgt Ion: 62 Resp: 398
 Ion Ratio Lower Upper
 62 100
 64 118.3 23.1 42.9#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.408 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.006 min
 Lab File: VV023112.D
 Acq: 01 Nov 2021 13:21

Tgt Ion: 101 Resp: 2696
 Ion Ratio Lower Upper
 101 100
 85 34.5 35.3 52.9#
 151 61.4 62.2 93.2#

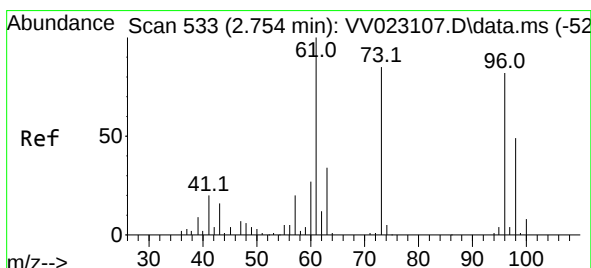
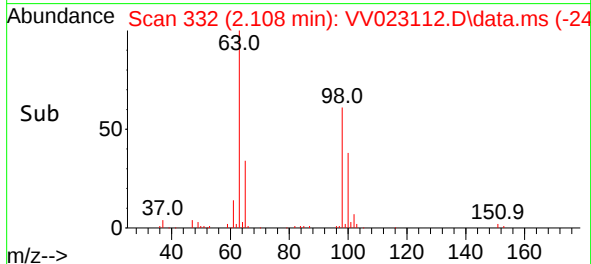
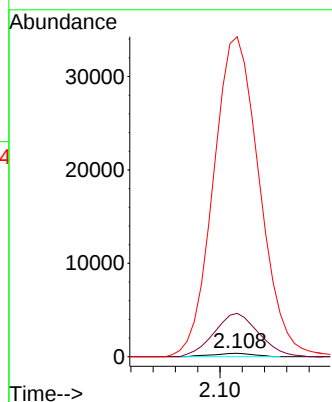
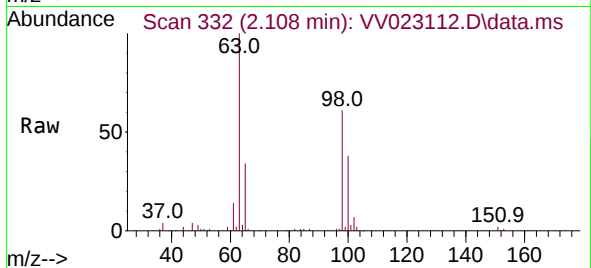




#12
1,1-Dichloroethene
Concen: 0.075 ug/L
RT: 2.108 min Scan# 311
Delta R.T. -0.007 min
Lab File: VV023112.D
Acq: 01 Nov 2021 13:21

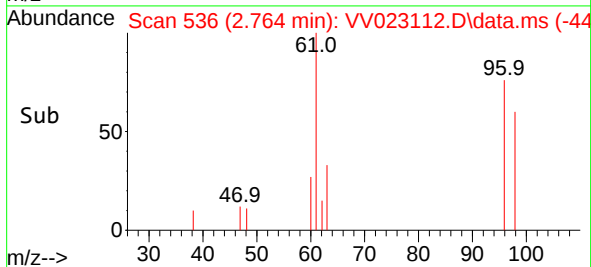
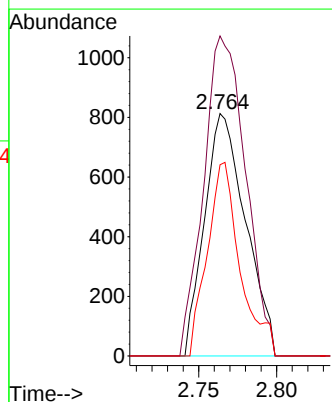
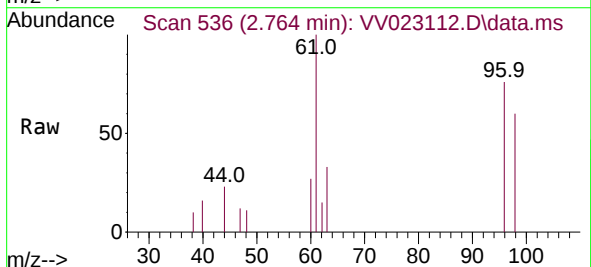
Instrument :
MSVOA_V
ClientSampleId :

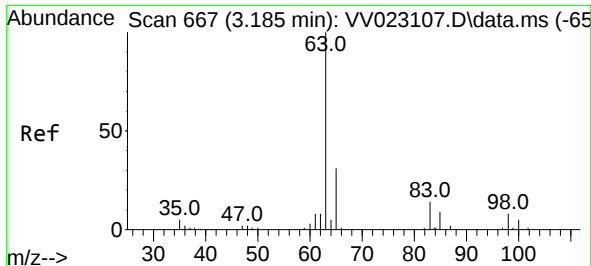
Tgt Ion: 96 Resp: 467
Ion Ratio Lower Upper
96 100
61 1276.6 121.5 225.7#
63 9413.2 99.6 185.0#



#18
trans-1,2-Dichloroethene
Concen: 0.225 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.010 min
Lab File: VV023112.D
Acq: 01 Nov 2021 13:21

Tgt Ion: 96 Resp: 1491
Ion Ratio Lower Upper
96 100
61 132.0 93.2 173.2
98 78.8 47.0 87.2





#19

1,1-Dichloroethane

Concen: 0.162 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV023112.D

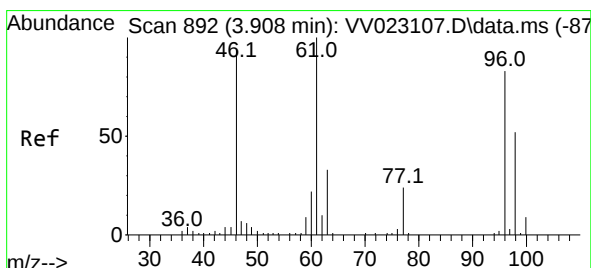
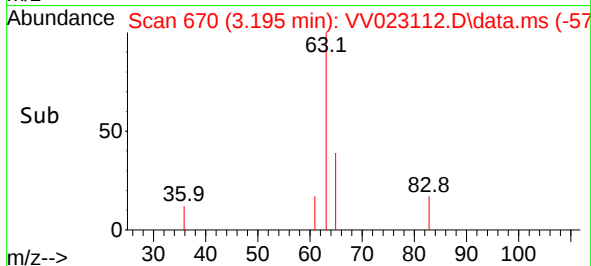
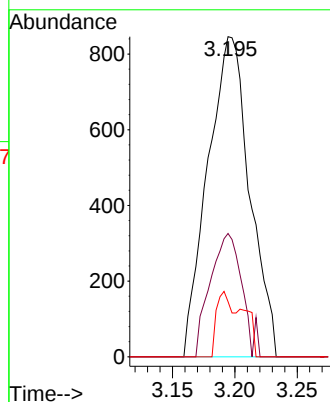
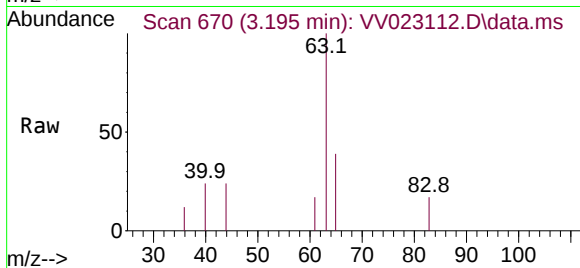
Acq: 01 Nov 2021 13:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	1978
Ion	Ratio	Lower	Upper
63	100		
65	38.5	22.6	42.0
83	17.3	11.1	20.7



#22

cis-1,2-Dichloroethene

Concen: 1.545 ug/L

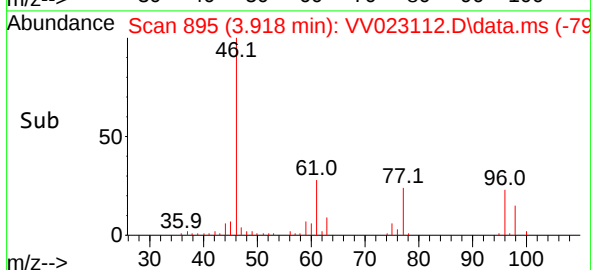
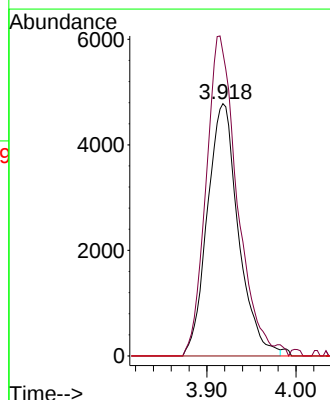
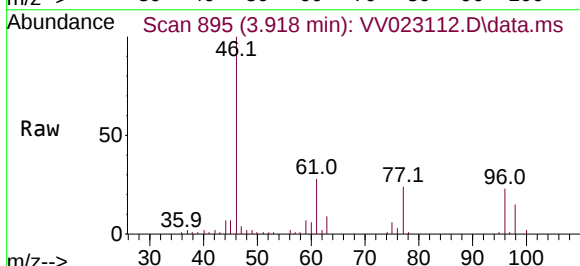
RT: 3.918 min Scan# 895

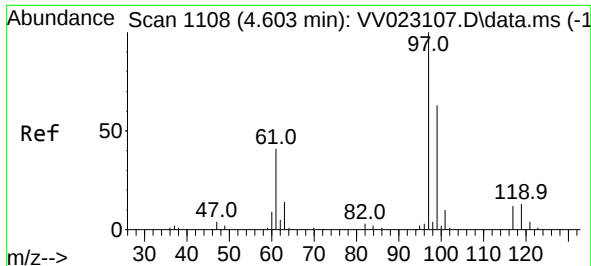
Delta R.T. 0.010 min

Lab File: VV023112.D

Acq: 01 Nov 2021 13:21

Tgt Ion:	96	Resp:	11613
Ion	Ratio	Lower	Upper
96	100		
61	120.2	92.3	171.3
68	0.0	0.4	0.8





#29

1,1,1-Trichloroethane

Concen: 0.229 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.010 min

Lab File: VV023112.D

Acq: 01 Nov 2021 13:21

Instrument :

MSVOA_V

ClientSampleId :

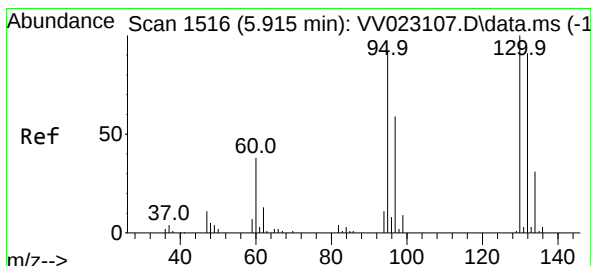
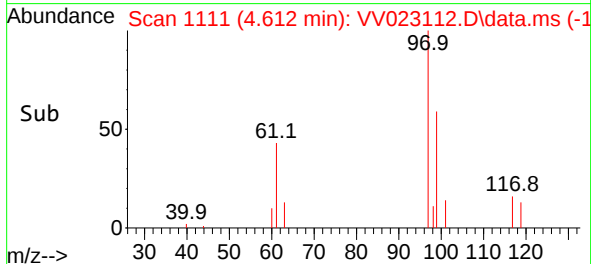
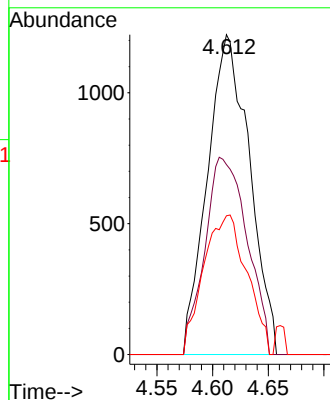
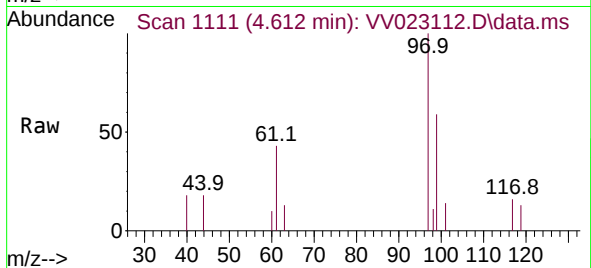
Tgt Ion: 97 Resp: 3214

Ion Ratio Lower Upper

97 100

99 62.0 51.0 76.4

61 45.0 34.1 51.1



#34

Trichloroethene

Concen: 0.834 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VV023112.D

Acq: 01 Nov 2021 13:21

Tgt Ion: 95 Resp: 7012

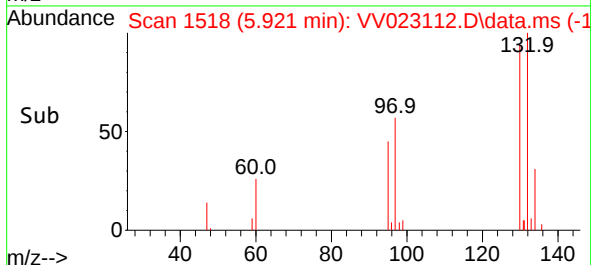
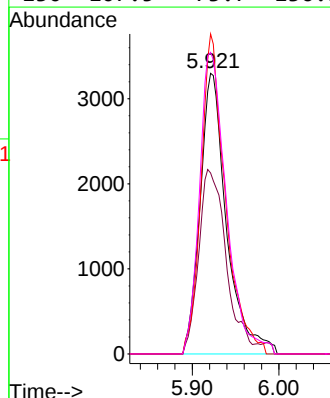
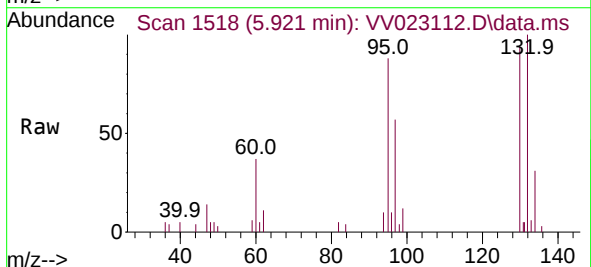
Ion Ratio Lower Upper

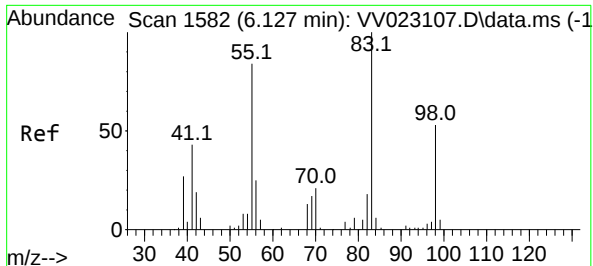
95 100

97 64.5 45.0 83.6

132 114.0 69.7 129.4

130 107.5 73.7 136.9





#35

Methylcyclohexane

Concen: 1.086 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023112.D

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MSVOA_V

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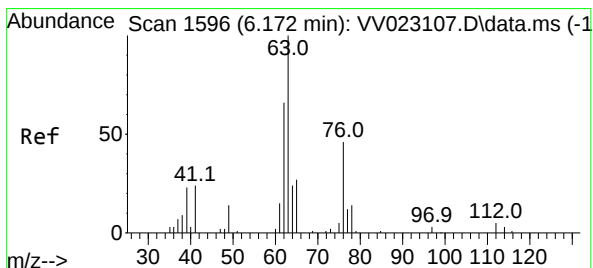
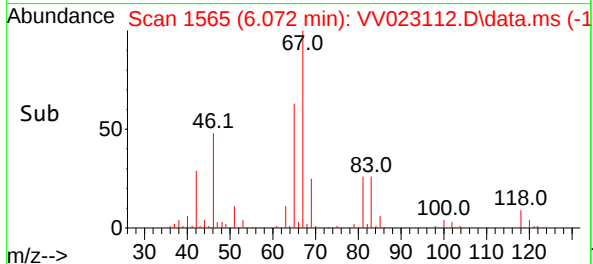
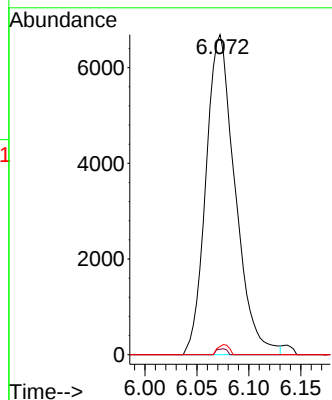
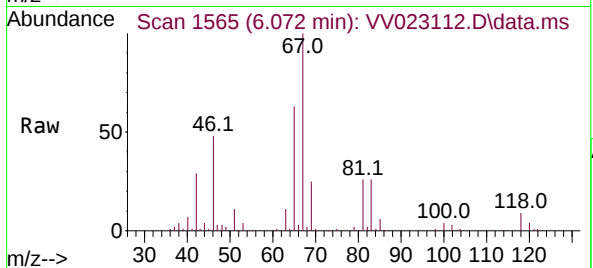
Tgt Ion: 83 Resp: 13067

Ion Ratio Lower Upper

83 100

55 0.7 62.8 94.2#

98 1.2 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.737 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV023112.D

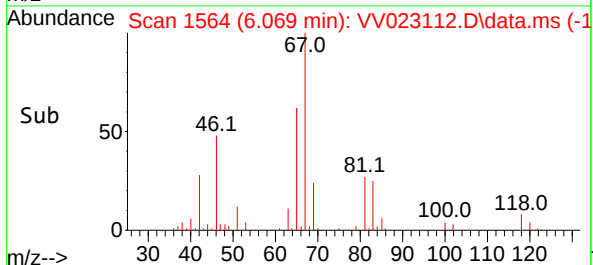
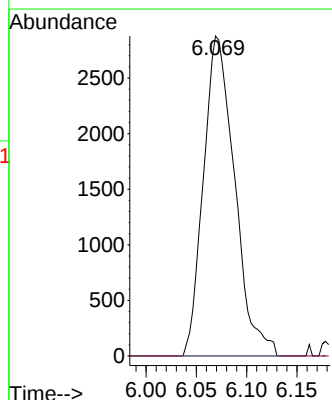
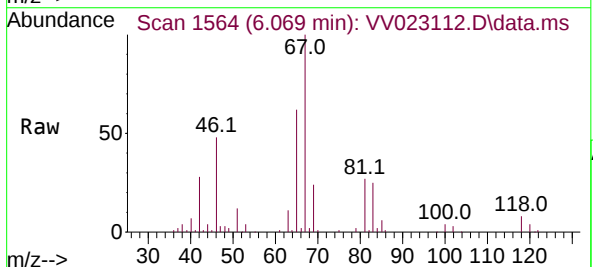
Acq: 01 Nov 2021 13:21

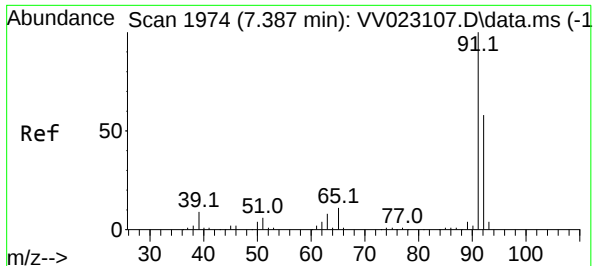
Tgt Ion: 63 Resp: 6213

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#

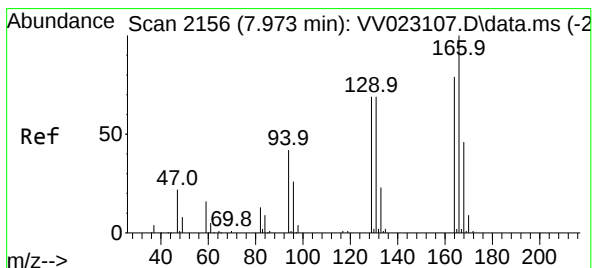
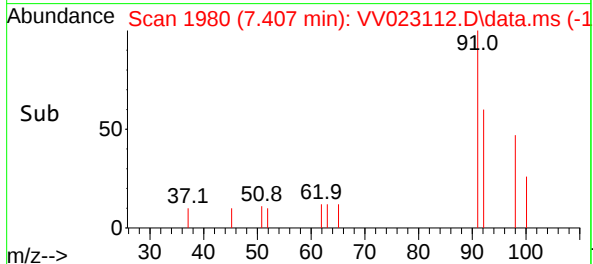
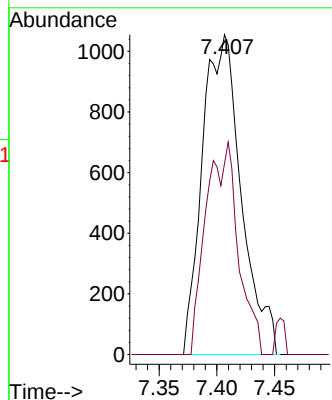
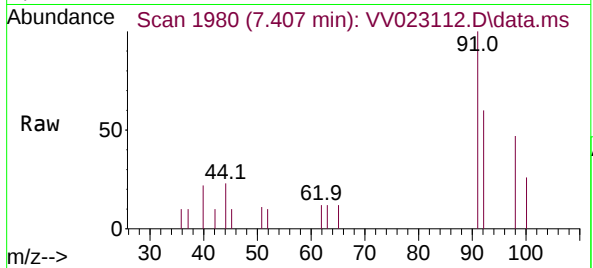




#42
Toluene
Concen: 0.073 ug/L
RT: 7.407 min Scan# 1974
Delta R.T. 0.019 min
Lab File: VV023112.D
Acq: 01 Nov 2021 13:21

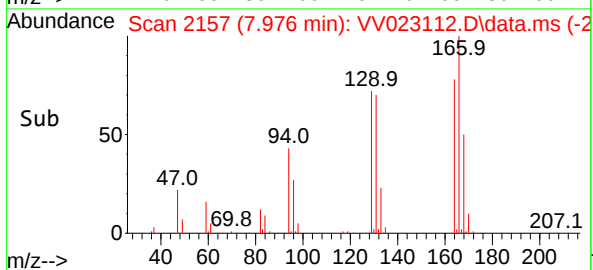
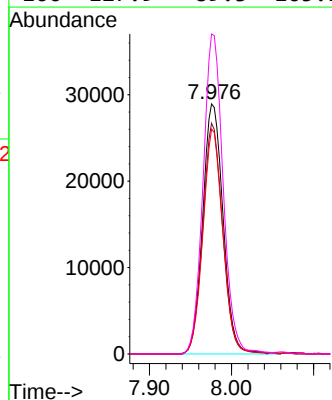
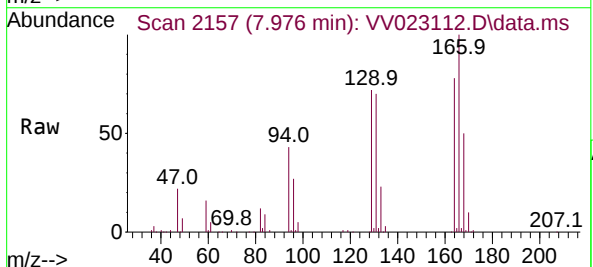
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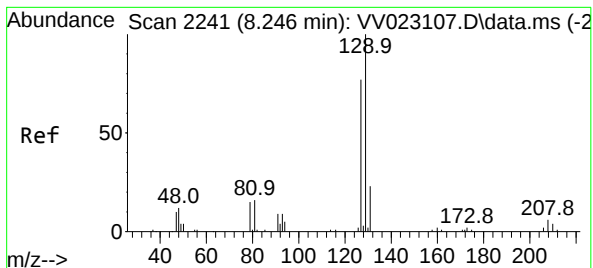
Tgt Ion: 91 Resp: 2475
Ion Ratio Lower Upper
91 100
92 59.7 39.3 72.9



#47
Tetrachloroethene
Concen: 7.037 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023112.D
Acq: 01 Nov 2021 13:21

Tgt Ion: 164 Resp: 49959
Ion Ratio Lower Upper
164 100
129 92.3 64.0 119.0
131 89.9 63.4 117.8
166 127.9 89.3 165.9





#49

Dibromochloromethane

Concen: 6.285 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV023112.D

Acq: 01 Nov 2021 13:21

Instrument :

MSVOA_V

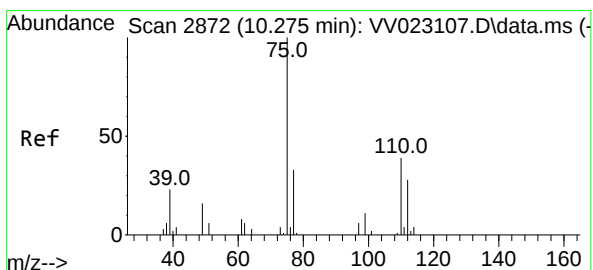
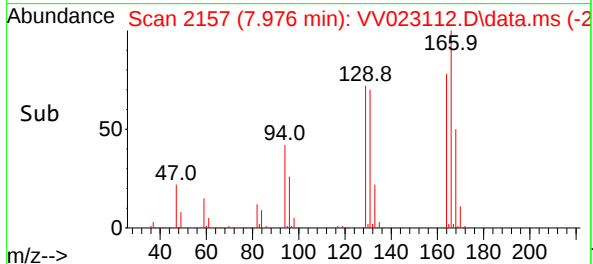
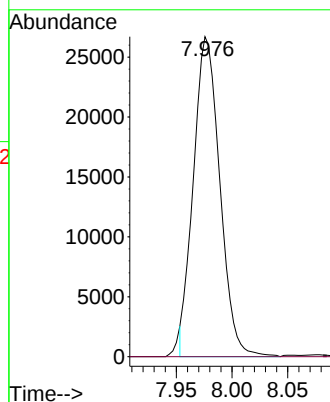
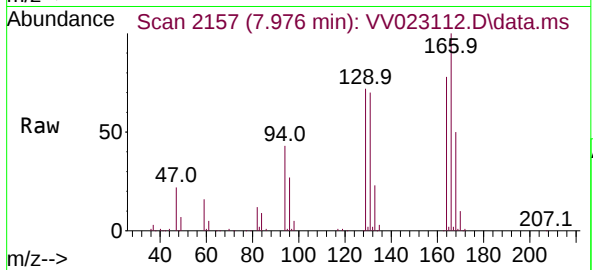
ClientSampleId :

Tgt Ion:129 Resp: 44109

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.587 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023112.D

Acq: 01 Nov 2021 13:21

Tgt Ion: 75 Resp: 6596

Ion Ratio Lower Upper

75 100

77 35.5 26.6 39.8

110 1.1 31.8 47.6#

