

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112621\
 Data File : VW023733.D
 Acq On : 26 Nov 2021 18:09
 Operator : SY/MD
 Sample : M4821-15DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

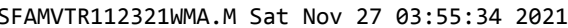
Quant Time: Nov 27 03:55:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 27 03:48:32 2021
 Response via : Initial Calibration

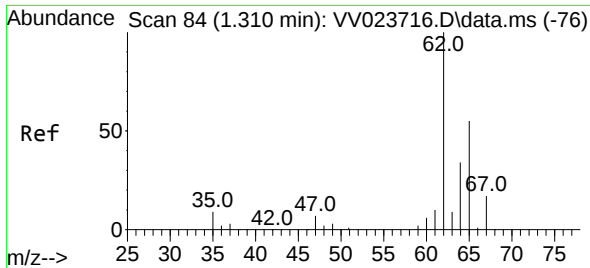
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	127588	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124634	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58495	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32920	3.143	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.800%	
7) Chloroethane-d5	1.568	69	30565	3.712	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.200%	
11) 1,1-Dichloroethene-d2	2.111	63	46278	2.507	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	50.200%#	
20) 2-Butanone-d5	3.899	46	65984	52.404	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.800%	
24) Chloroform-d	4.349	84	71972	3.946	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.000%	
26) 1,2-Dichloroethane-d4	5.034	65	37876	4.445	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
32) Benzene-d6	5.053	84	138095	4.068	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
36) 1,2-Dichloropropane-d6	6.069	67	43730	4.594	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.800%	
41) Toluene-d8	7.317	98	114324	3.604	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.000%	
43) trans-1,3-Dichloroprop...	7.625	79	16209	4.225	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.400%	
46) 2-Hexanone-d5	8.092	63	64874	50.893	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.780%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32023	4.675	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	50414	4.875	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	710	0.064	ug/L #	14
12) 1,1-Dichloroethene	2.108	96	657	0.077	ug/L #	1
16) Methylene chloride	2.507	84	5623	0.461	ug/L	98
18) trans-1,2-Dichloroethene	2.767	96	1391	0.143	ug/L	83
19) 1,1-Dichloroethane	3.191	63	1026	0.063	ug/L #	61
22) cis-1,2-Dichloroethene	3.912	96	38245	4.096	ug/L	98
25) Chloroform	4.371	83	6574	0.360	ug/L	97
27) 1,2-Dichloroethane	5.050	62	979	0.101	ug/L #	73
34) Trichloroethene	5.915	95	79350	8.337	ug/L	98
35) Methylcyclohexane	6.069	83	10896	0.734	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4831	0.572	ug/L #	84
47) Tetrachloroethene	7.979	164	1507	0.174	ug/L #	88
48) 2-Hexanone	8.143	43	2462	0.826	ug/L #	66
49) Dibromochloromethane	7.982	129	1285	0.160	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6125	1.476	ug/L #	64

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

Quant Time: Nov 27 03:55:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 27 03:48:32 2021
Response via : Initial Calibration

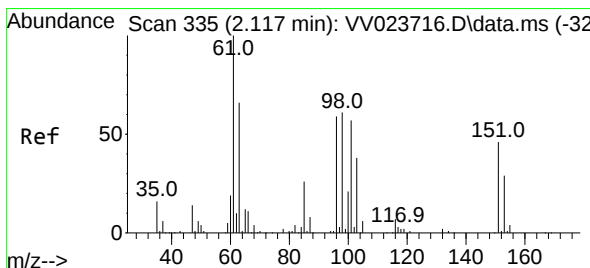
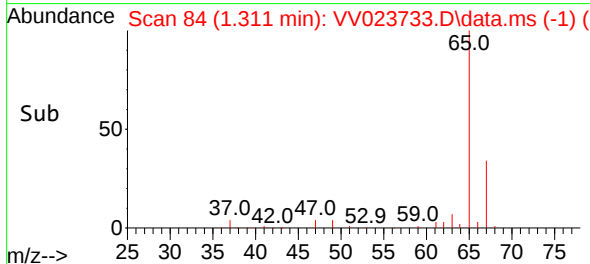
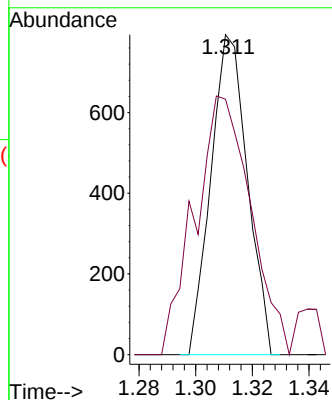
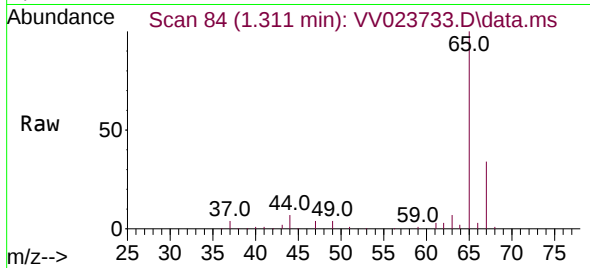




#5
 Vinyl chloride
 Concen: 0.064 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023733.D
 Acq: 26 Nov 2021 18:09

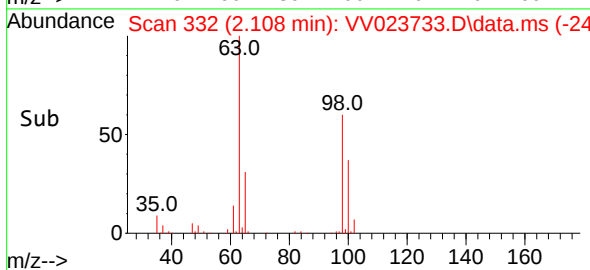
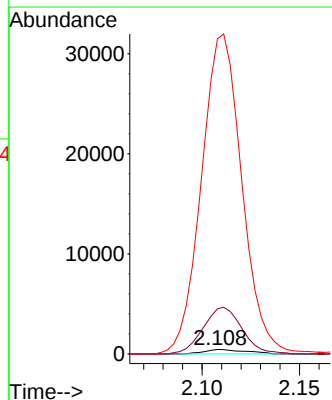
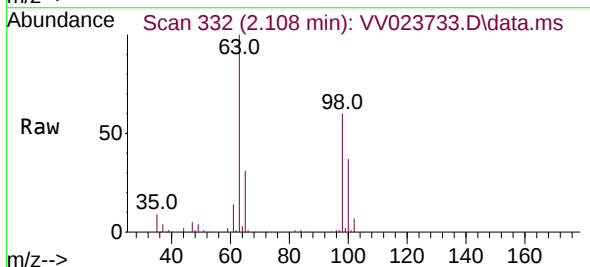
Instrument :
 MSVOA_V
 ClientSampleId :

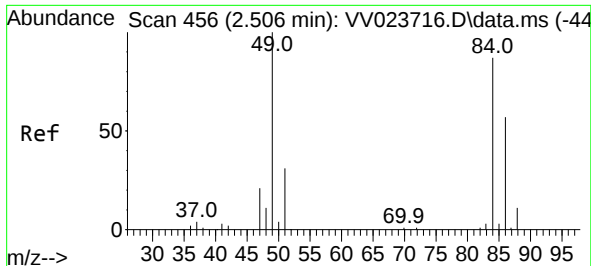
Tgt Ion: 62 Resp: 710
 Ion Ratio Lower Upper
 62 100
 64 79.8 22.4 41.6#



#12
 1,1-Dichloroethene
 Concen: 0.077 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.010 min
 Lab File: VV023733.D
 Acq: 26 Nov 2021 18:09

Tgt Ion: 96 Resp: 657
 Ion Ratio Lower Upper
 96 100
 61 1005.4 116.1 215.5#
 63 7032.1 79.4 147.4#

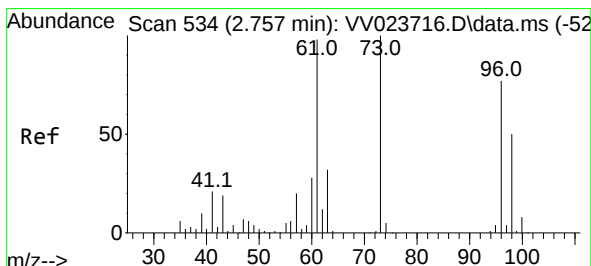
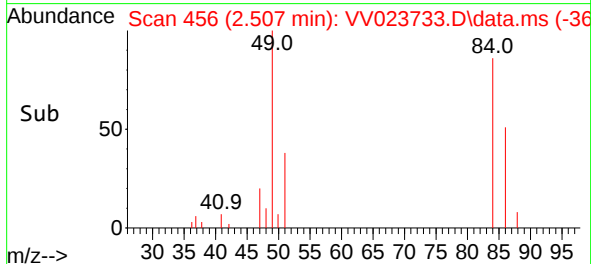
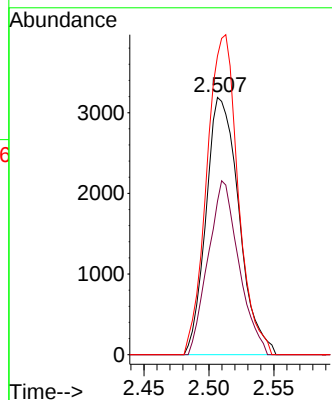
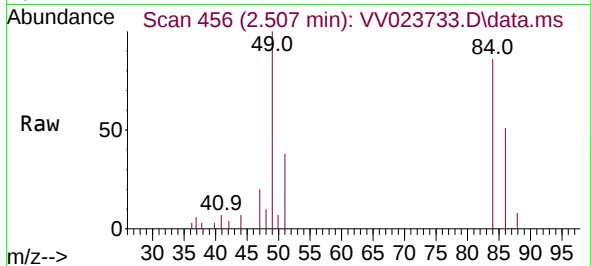




#16
Methylene chloride
Concen: 0.461 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV023733.D
Acq: 26 Nov 2021 18:09

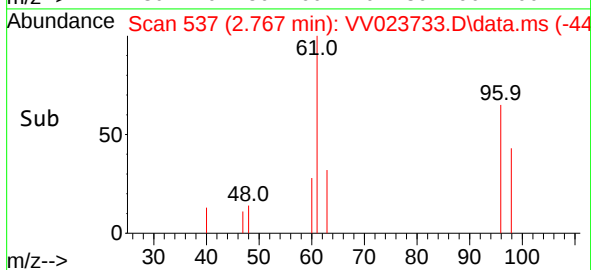
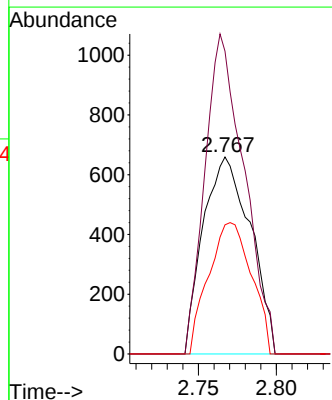
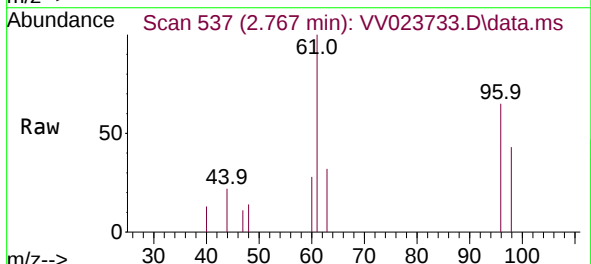
Instrument :
MSVOA_V
ClientSampleId :

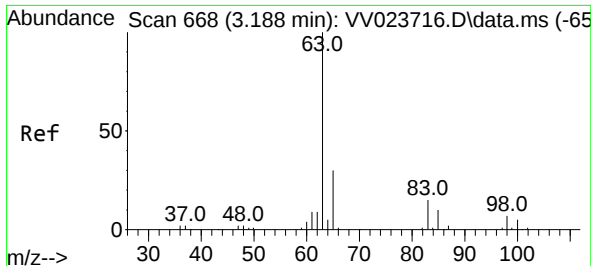
Tgt Ion: 84 Resp: 5623
Ion Ratio Lower Upper
84 100
86 59.6 42.6 79.0
49 116.1 79.7 147.9



#18
trans-1,2-Dichloroethene
Concen: 0.143 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.010 min
Lab File: VV023733.D
Acq: 26 Nov 2021 18:09

Tgt Ion: 96 Resp: 1391
Ion Ratio Lower Upper
96 100
61 153.7 88.2 163.8
98 65.6 44.9 83.5





#19

1,1-Dichloroethane

Concen: 0.063 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV023733.D

Acq: 26 Nov 2021 18:09

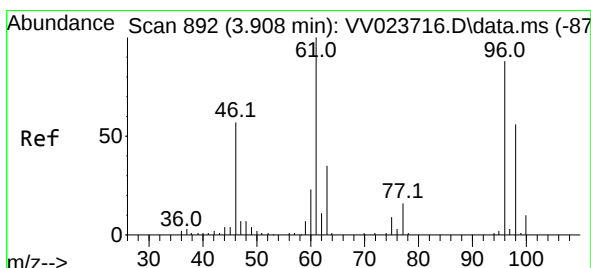
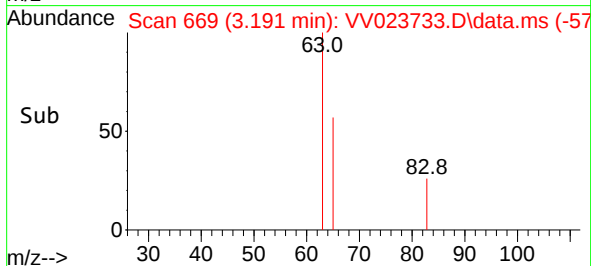
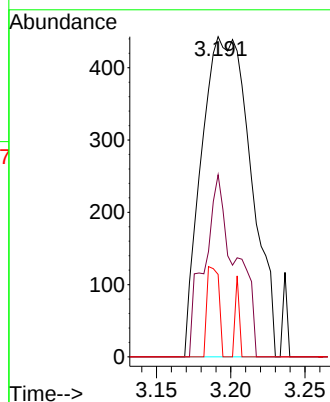
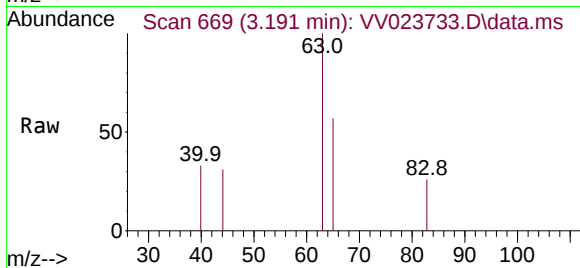
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63 Resp: 1026

Ion	Ratio	Lower	Upper
63	100		
65	56.9	22.3	41.3#
83	25.7	10.7	19.9#



#22

cis-1,2-Dichloroethene

Concen: 4.096 ug/L

RT: 3.912 min Scan# 893

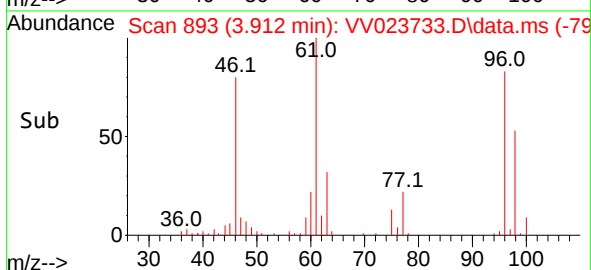
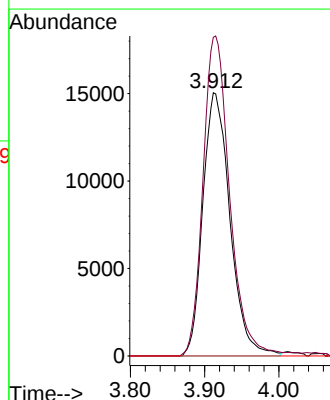
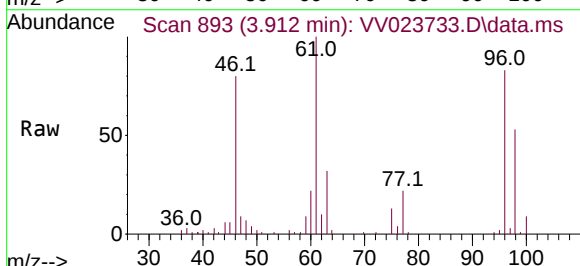
Delta R.T. 0.003 min

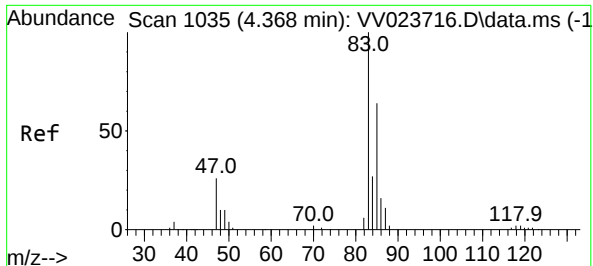
Lab File: VV023733.D

Acq: 26 Nov 2021 18:09

Tgt Ion: 96 Resp: 38245

Ion	Ratio	Lower	Upper
96	100		
61	121.1	83.4	154.8
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.360 ug/L

RT: 4.371 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023733.D

Acq: 26 Nov 2021 18:09

Instrument :

MSVOA_V

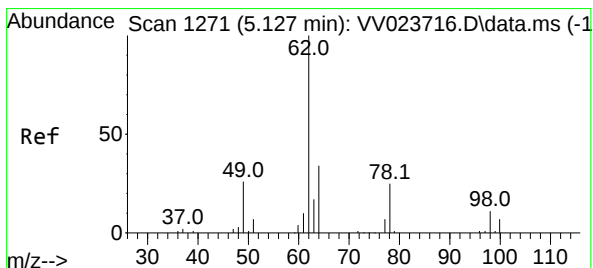
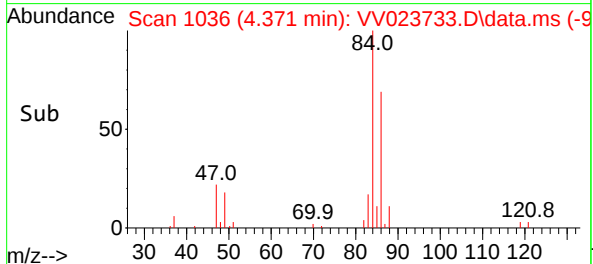
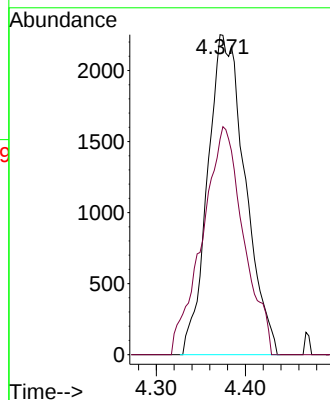
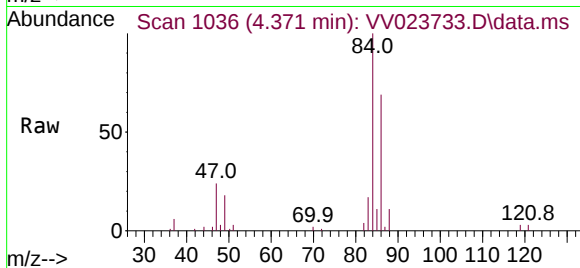
ClientSampleId :

Tgt Ion: 83 Resp: 6574

Ion Ratio Lower Upper

83 100

85 67.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.101 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV023733.D

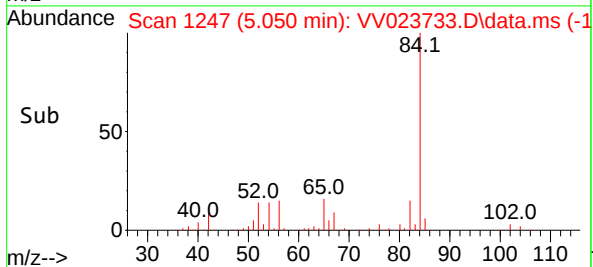
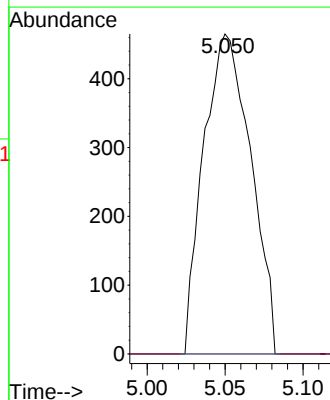
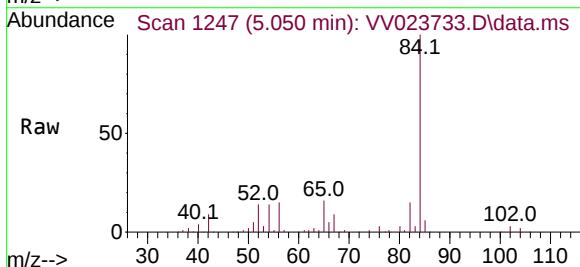
Acq: 26 Nov 2021 18:09

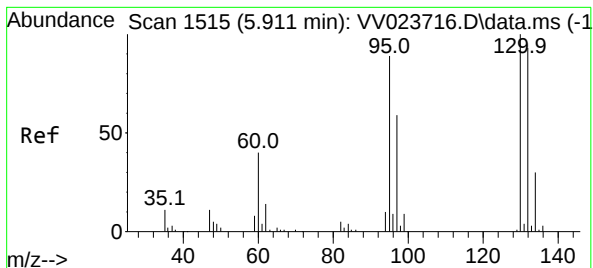
Tgt Ion: 62 Resp: 979

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#





#34

Trichloroethene

Concen: 8.337 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023733.D

Acq: 26 Nov 2021 18:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 79350

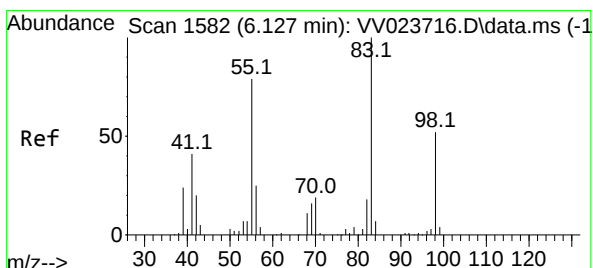
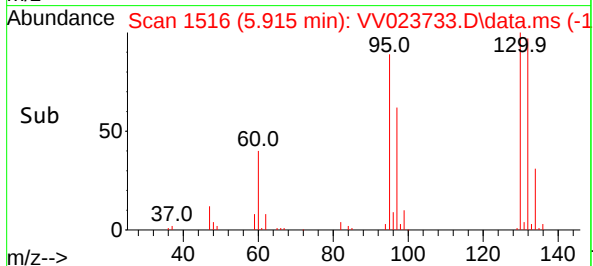
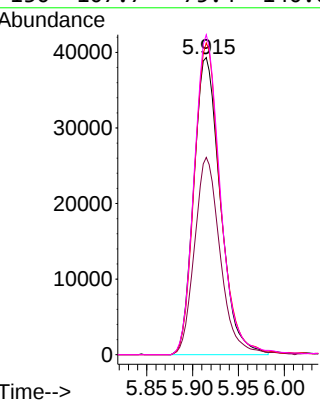
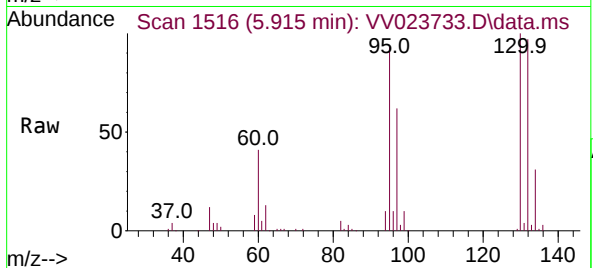
Ion Ratio Lower Upper

95 100

97 66.4 45.2 84.0

132 105.0 76.1 141.3

130 107.7 75.4 140.0



#35

Methylcyclohexane

Concen: 0.734 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV023733.D

Acq: 26 Nov 2021 18:09

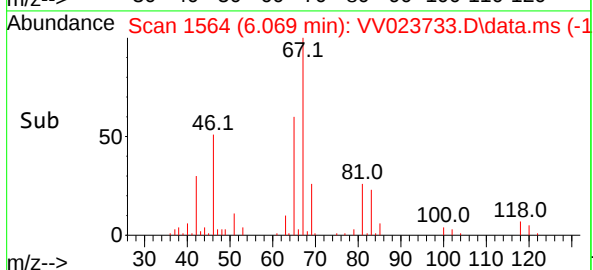
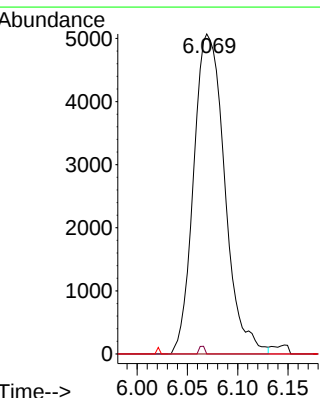
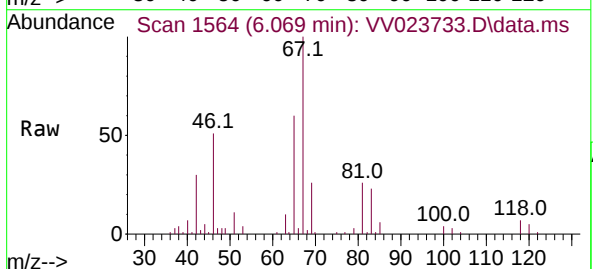
Tgt Ion: 83 Resp: 10896

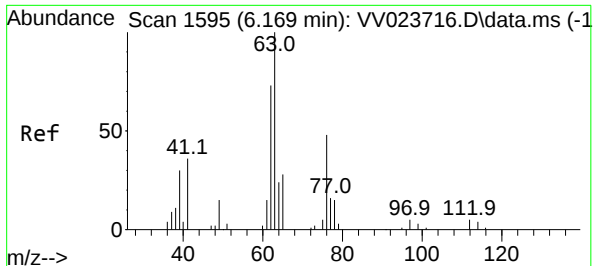
Ion Ratio Lower Upper

83 100

55 0.4 60.2 90.2#

98 0.0 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.572 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV023733.D

Acq: 26 Nov 2021 18:09

Instrument :

MSVOA_V

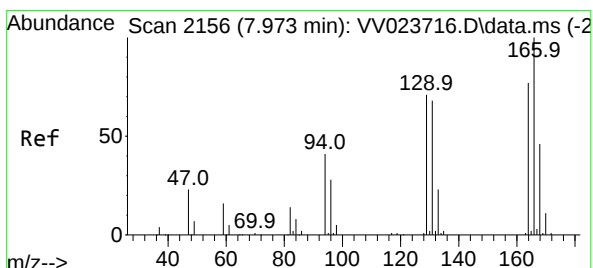
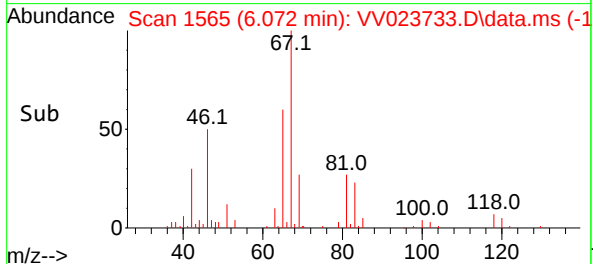
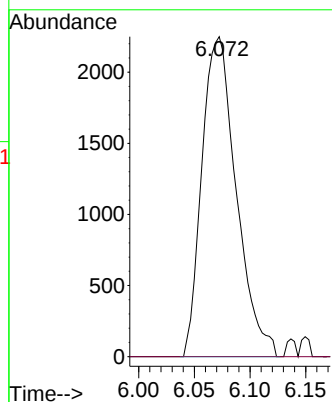
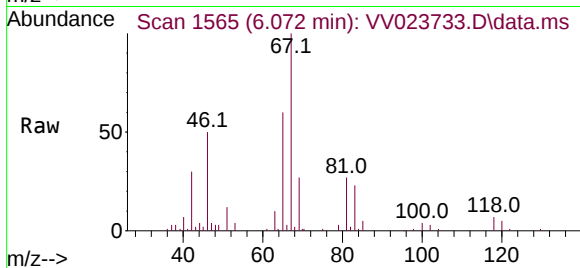
ClientSampleId :

Tgt Ion: 63 Resp: 4831

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#47

Tetrachloroethene

Concen: 0.174 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.007 min

Lab File: VV023733.D

Acq: 26 Nov 2021 18:09

Tgt Ion: 164 Resp: 1507

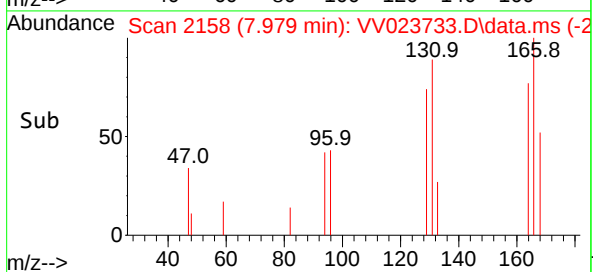
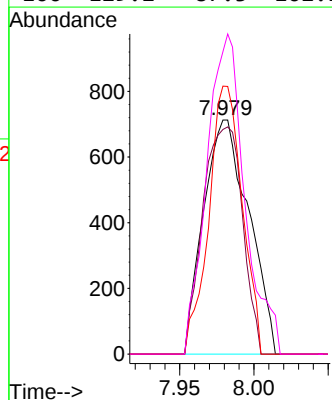
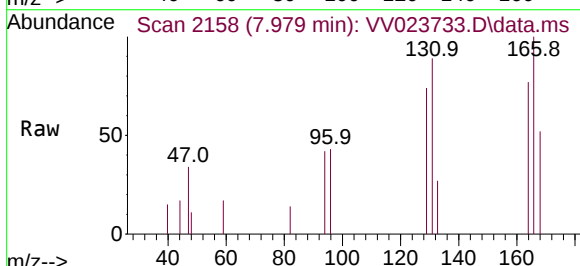
Ion Ratio Lower Upper

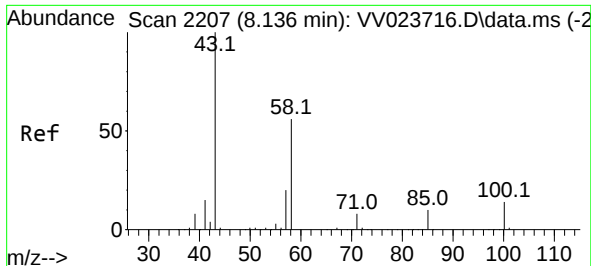
164 100

129 95.9 62.6 116.2

131 114.4 61.0 113.4#

166 129.2 87.3 162.1

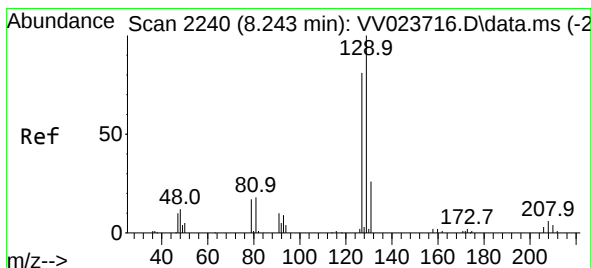
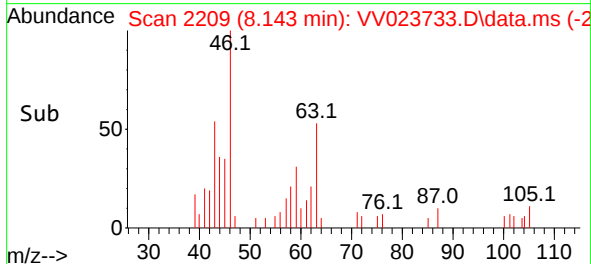
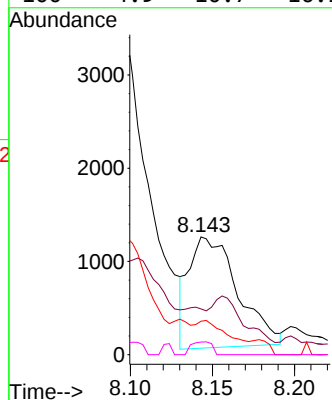
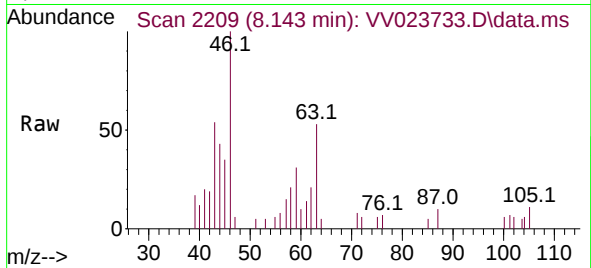




#48
2-Hexanone
Concen: 0.826 ug/L
RT: 8.143 min Scan# 2159
Delta R.T. 0.007 min
Lab File: VV023733.D
Acq: 26 Nov 2021 18:09

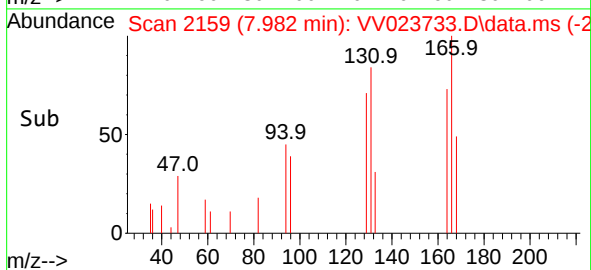
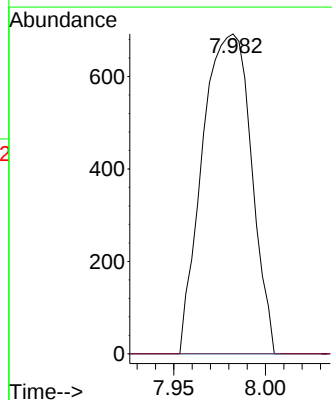
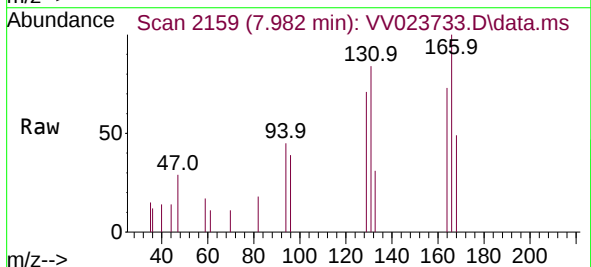
Instrument :
MSVOA_V
ClientSampleId :

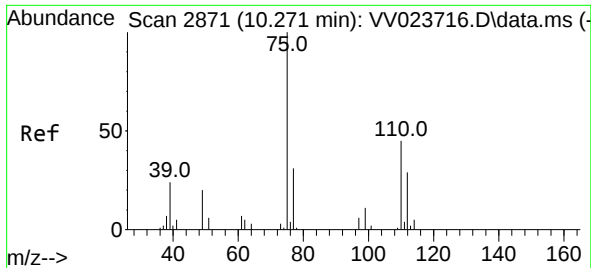
Tgt Ion: 43	Resp: 2462
Ion Ratio	Lower Upper
43	100
58	25.5 44.5 66.7#
57	9.8 15.1 22.7#
100	4.9 10.7 16.1#



#49
Dibromochloromethane
Concen: 0.160 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.260 min
Lab File: VV023733.D
Acq: 26 Nov 2021 18:09

Tgt Ion: 129	Resp: 1285
Ion Ratio	Lower Upper
129	100
127	0.0 53.5 99.3#





#61

1,2,3-Trichloropropane

Concen: 1.476 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.978 min

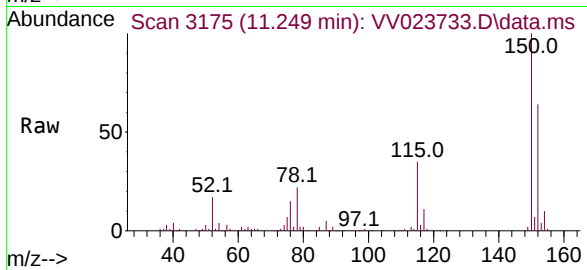
Lab File: VV023733.D

Acq: 26 Nov 2021 18:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6125

Ion Ratio Lower Upper

75 100

77 34.8 26.4 39.6

110 3.6 34.2 51.2#

