

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071322\
 Data File : VW026750.D
 Acq On : 13 Jul 2022 13:59
 Operator : SY/MD
 Sample : N3601-18DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

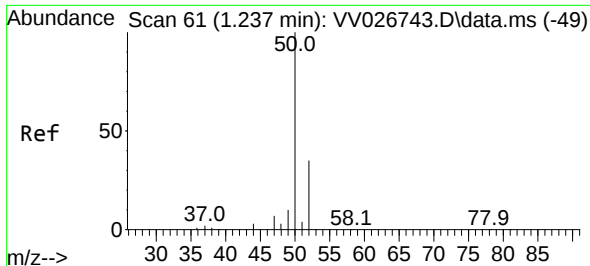
Quant Time: Jul 13 23:02:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 23:00:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	226883	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	226294	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	89567	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	93543	4.519	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.564	69	86785	4.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.104	63	138103	3.475	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	3.908	46	187768	58.125	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.240%
24) Chloroform-d	4.349	84	182312	5.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.034	65	84093	5.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.050	84	338143	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.069	67	109476	5.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.316	98	255577	4.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.628	79	23318	3.457	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.200%
46) 2-Hexanone-d5	8.091	63	139734	47.847	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.700%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	81638	5.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	85441	5.475	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						Qvalue
3) Chloromethane	1.236	50	2363	0.085	ug/L	93
5) Vinyl chloride	1.307	62	13019	0.462	ug/L #	72
6) Bromomethane	1.519	94	1587	0.094	ug/L	93
8) Chloroethane	1.307	64	5492	0.331	ug/L	88
12) 1,1-Dichloroethene	2.108	96	2044	0.103	ug/L #	1
14) Carbon disulfide	2.285	76	3996	0.068	ug/L #	92
16) Methylene chloride	2.506	84	5423	0.229	ug/L	93
18) trans-1,2-Dichloroethene	2.760	96	9498	0.519	ug/L	96
22) cis-1,2-Dichloroethene	3.911	96	103960	5.637	ug/L	94
34) Trichloroethene	5.921	95	15671	0.843	ug/L	95
35) Methylcyclohexane	6.072	83	27210	0.959	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	11387	0.629	ug/L #	85
47) Tetrachloroethene	7.976	164	10395	0.713	ug/L	99
49) Dibromochloromethane	7.976	129	9939	0.652	ug/L #	10
51) Chlorobenzene	8.886	112	1687	0.035	ug/L #	80
61) 1,2,3-Trichloropropane	11.249	75	11000	1.332	ug/L #	66

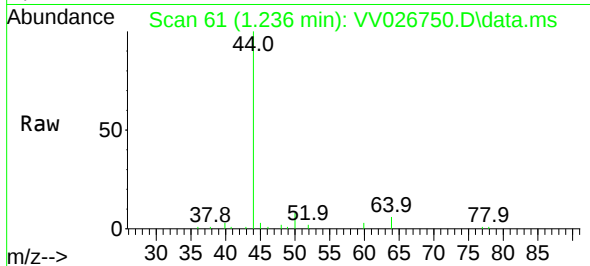
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_V
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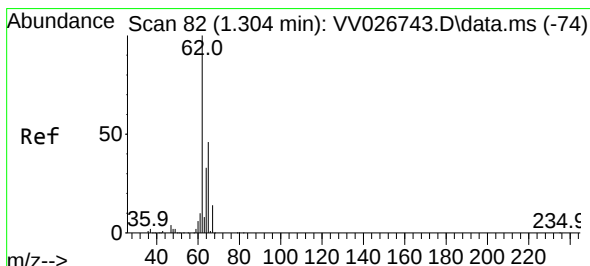
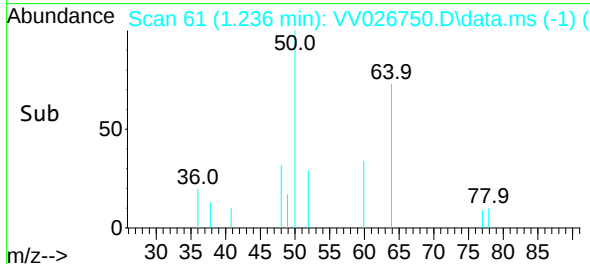
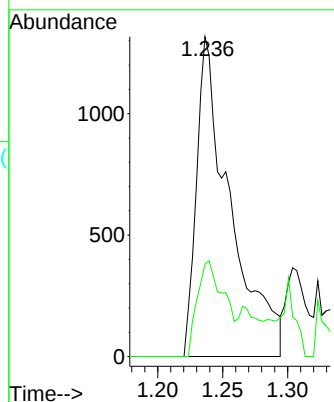


#3
Chloromethane
Concen: 0.085 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026750.D
Acq: 13 Jul 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :

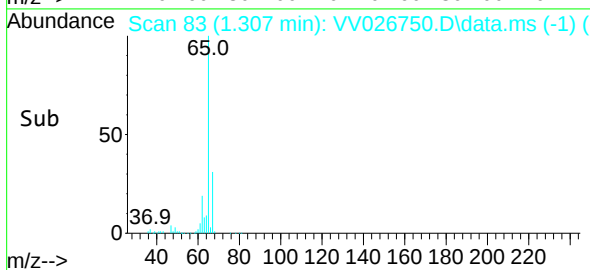
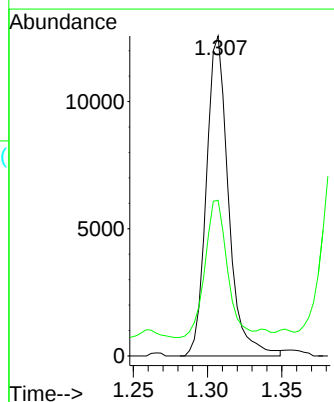
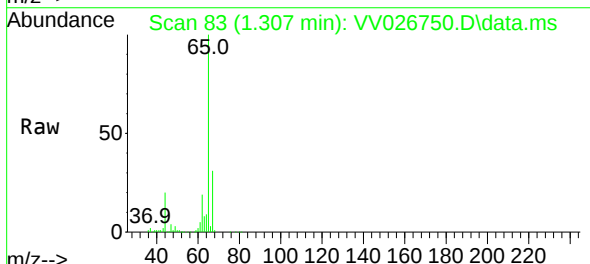


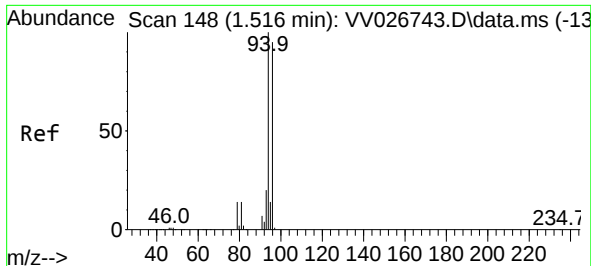
Tgt Ion: 50 Resp: 2363
Ion Ratio Lower Upper
50 100
52 28.9 22.8 42.4



#5
Vinyl chloride
Concen: 0.462 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV026750.D
Acq: 13 Jul 2022 13:59

Tgt Ion: 62 Resp: 13019
Ion Ratio Lower Upper
62 100
64 48.7 22.9 42.5#

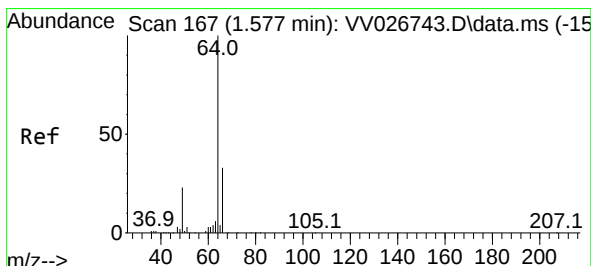
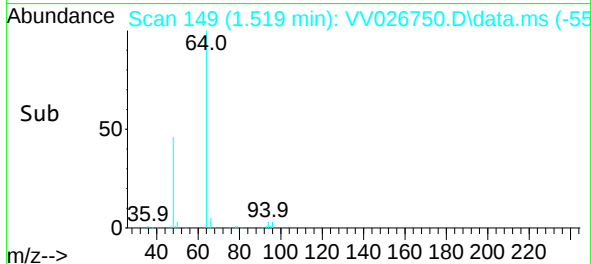
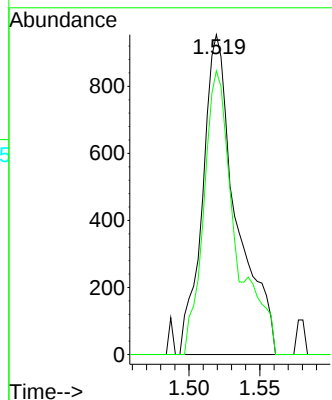
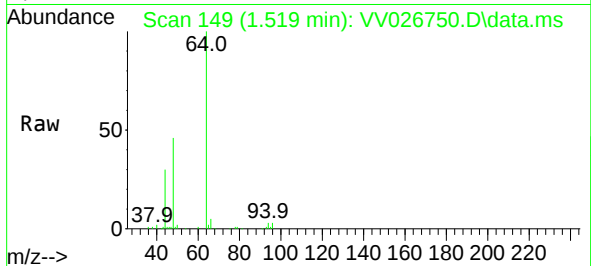




#6
Bromomethane
Concen: 0.094 ug/L
RT: 1.519 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV026750.D
Acq: 13 Jul 2022 13:59

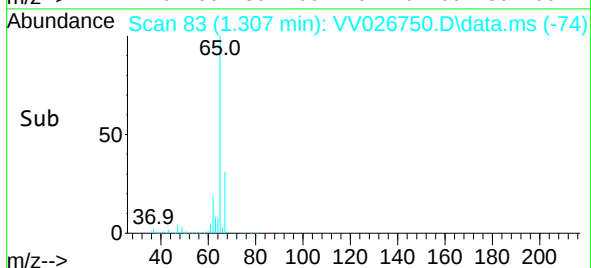
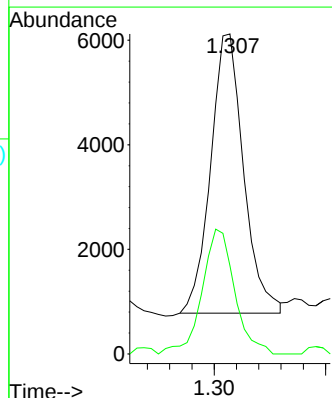
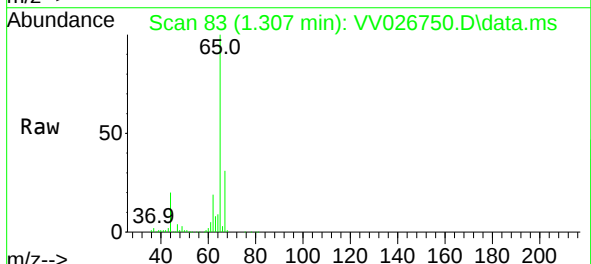
Instrument :
MSVOA_V
ClientSampleId :

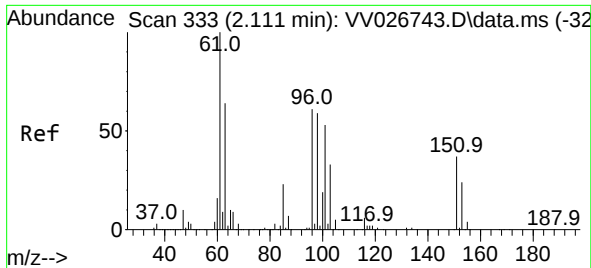
Tgt Ion: 94 Resp: 1587
Ion Ratio Lower Upper
94 100
96 88.7 67.1 124.7



#8
Chloroethane
Concen: 0.331 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.270 min
Lab File: VV026750.D
Acq: 13 Jul 2022 13:59

Tgt Ion: 64 Resp: 5492
Ion Ratio Lower Upper
64 100
66 27.5 23.9 44.5





#12

1,1-Dichloroethene

Concen: 0.103 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

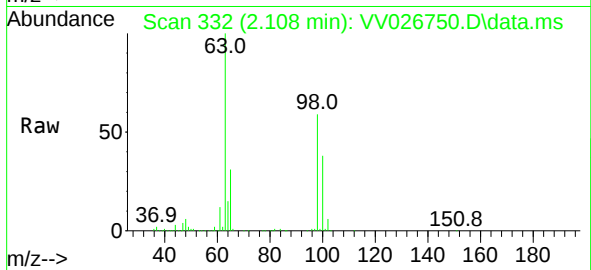
Lab File: VV026750.D

Acq: 13 Jul 2022 13:59

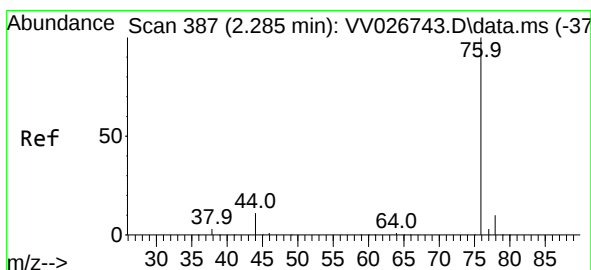
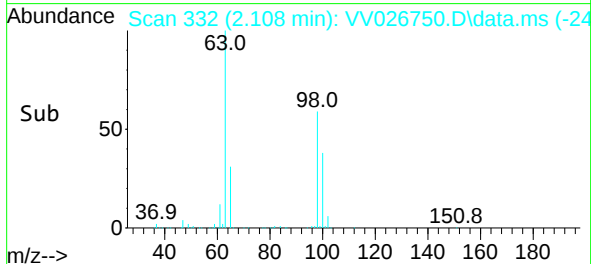
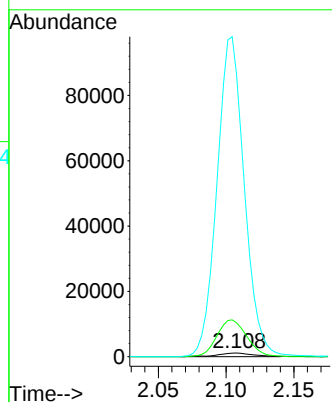
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	2044
Ion	Ratio	Lower	Upper
96	100		
61	937.9	118.3	219.7#
63	7798.7	79.9	148.3#



#14

Carbon disulfide

Concen: 0.068 ug/L

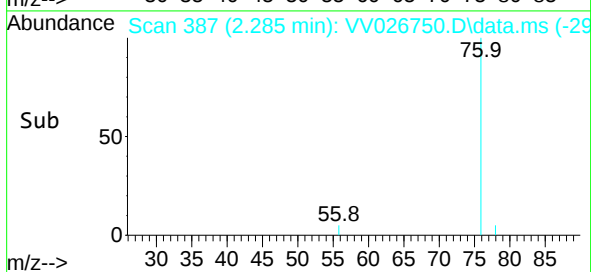
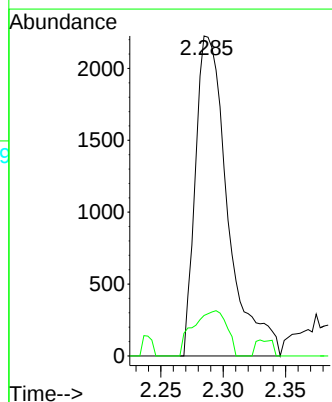
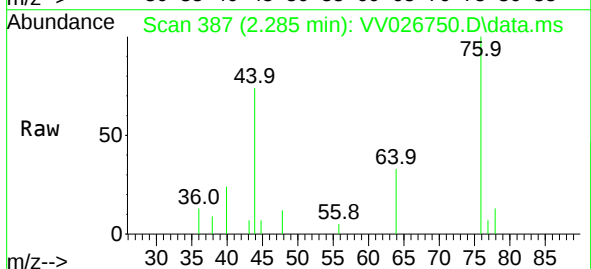
RT: 2.285 min Scan# 387

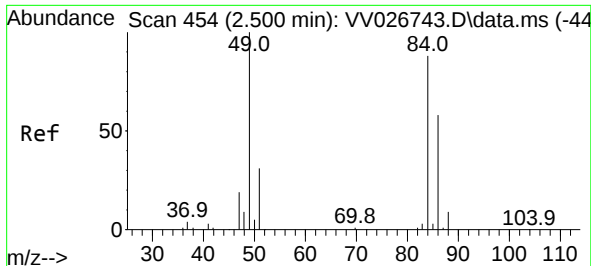
Delta R.T. -0.000 min

Lab File: VV026750.D

Acq: 13 Jul 2022 13:59

Tgt Ion:	76	Resp:	3996
Ion	Ratio	Lower	Upper
76	100		
78	12.6	7.7	11.5#





#16

Methylene chloride

Concen: 0.229 ug/L

RT: 2.506 min Scan# 4

Delta R.T. 0.006 min

Lab File: VV026750.D

Acq: 13 Jul 2022 13:59

Instrument :

MSVOA_V

ClientSampleId :

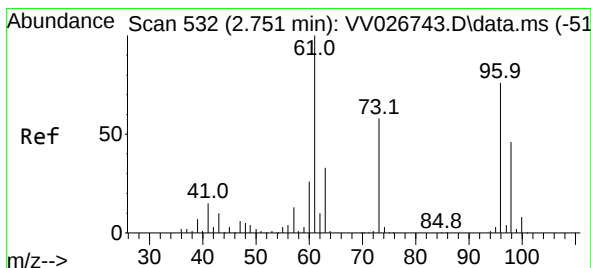
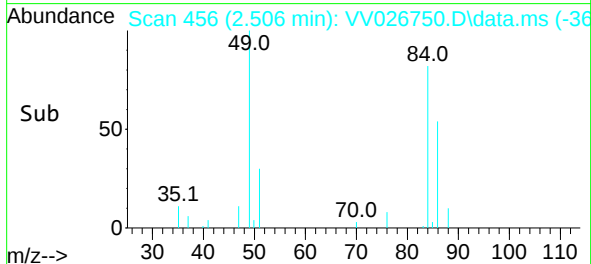
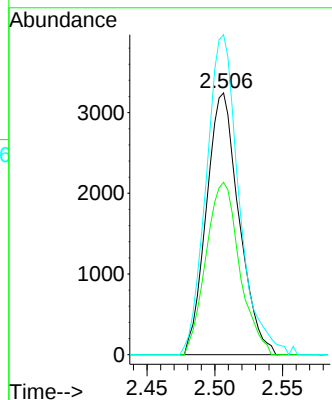
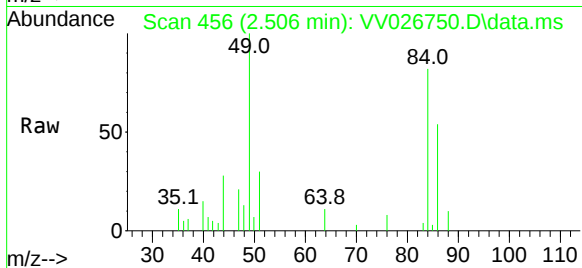
Tgt Ion: 84 Resp: 5423

Ion Ratio Lower Upper

84 100

86 65.8 44.8 83.2

49 122.2 78.7 146.1



#18

trans-1,2-Dichloroethene

Concen: 0.519 ug/L

RT: 2.760 min Scan# 535

Delta R.T. 0.009 min

Lab File: VV026750.D

Acq: 13 Jul 2022 13:59

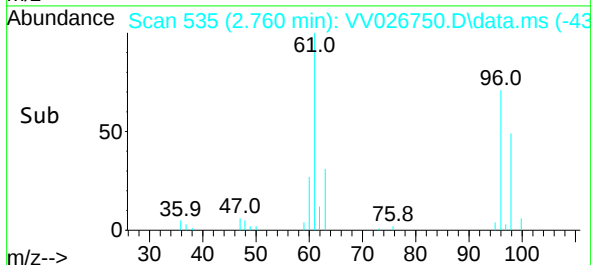
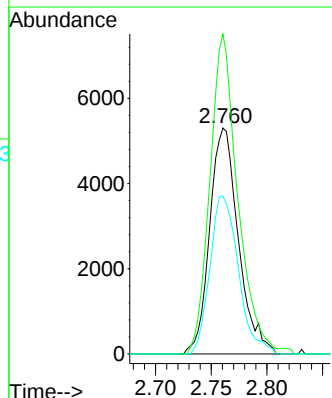
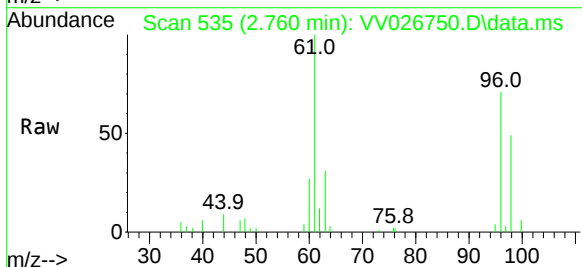
Tgt Ion: 96 Resp: 9498

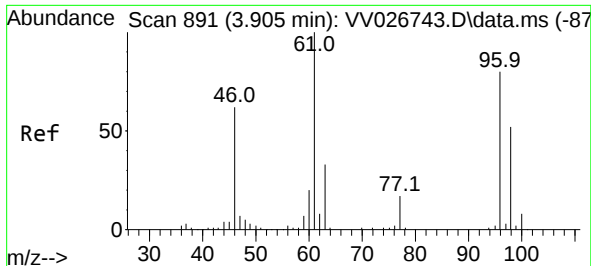
Ion Ratio Lower Upper

96 100

61 141.7 94.7 175.9

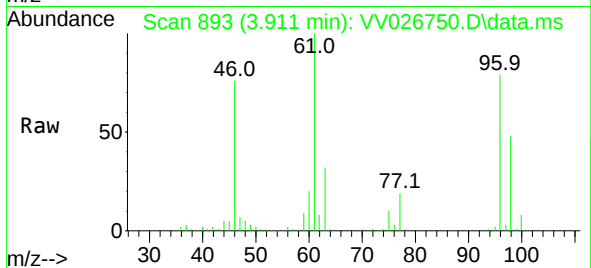
98 70.0 47.4 88.0



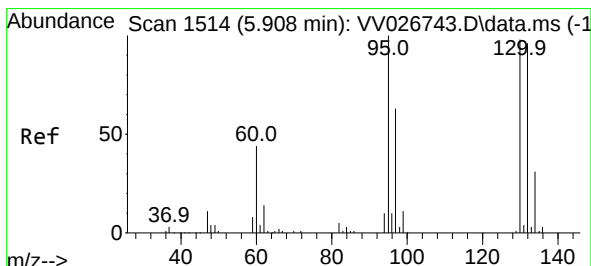
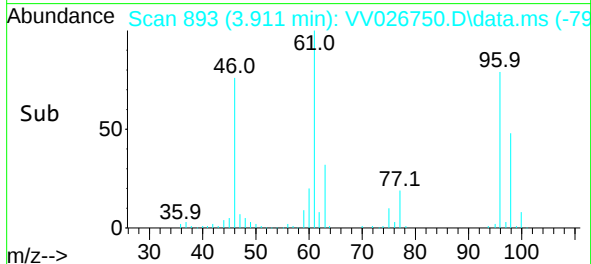
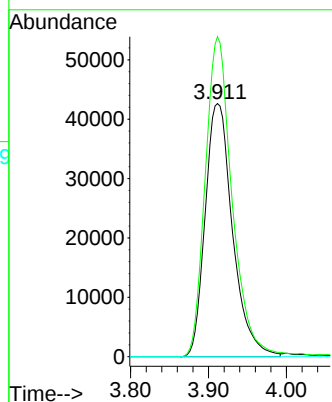


#22
cis-1,2-Dichloroethene
Concen: 5.637 ug/L
RT: 3.911 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV026750.D
Acq: 13 Jul 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :

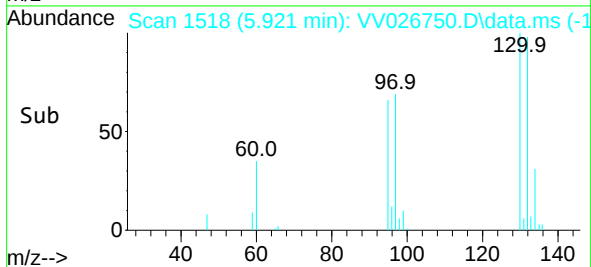
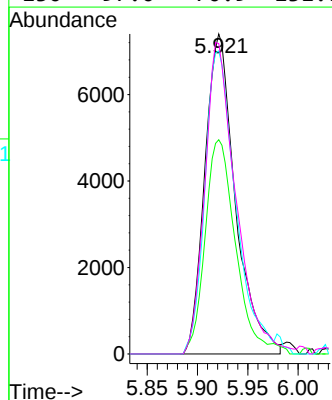
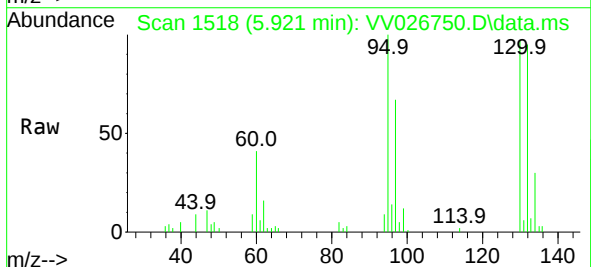


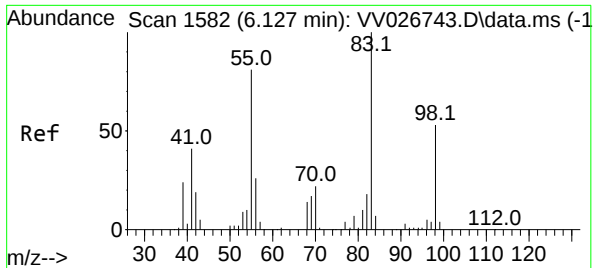
Tgt Ion: 96 Resp: 103960
Ion Ratio Lower Upper
96 100
61 126.4 83.9 155.9
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 0.843 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.013 min
Lab File: VV026750.D
Acq: 13 Jul 2022 13:59

Tgt Ion: 95 Resp: 15671
Ion Ratio Lower Upper
95 100
97 66.9 44.6 82.8
132 94.7 70.2 130.4
130 97.0 70.9 131.7

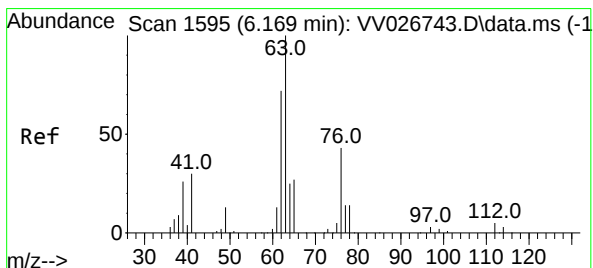
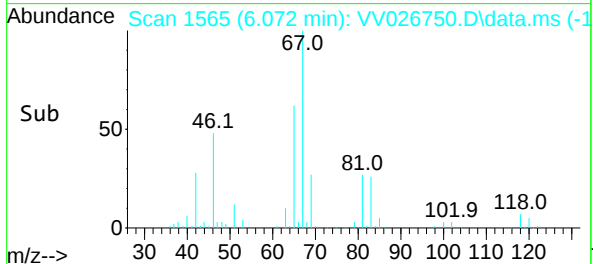
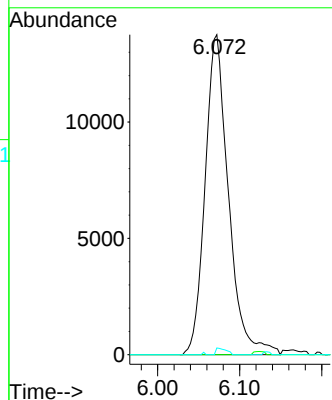
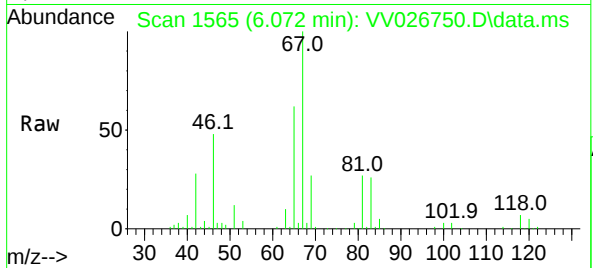




#35
Methylcyclohexane
Concen: 0.959 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV026750.D
Acq: 13 Jul 2022 13:59

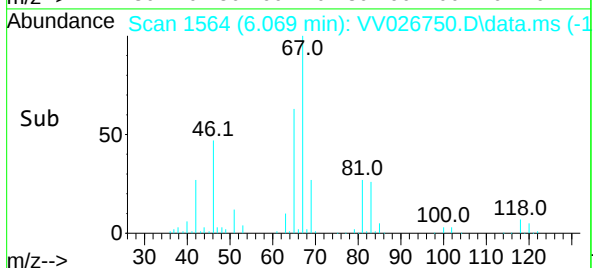
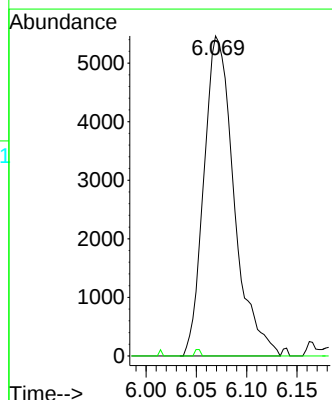
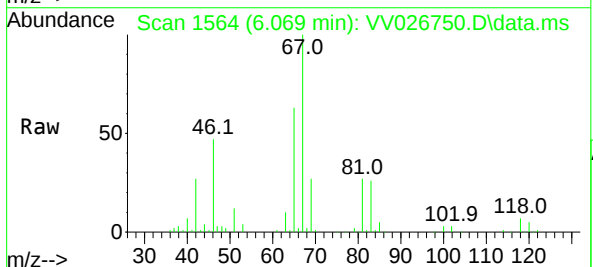
Instrument :
MSVOA_V
ClientSampleId :

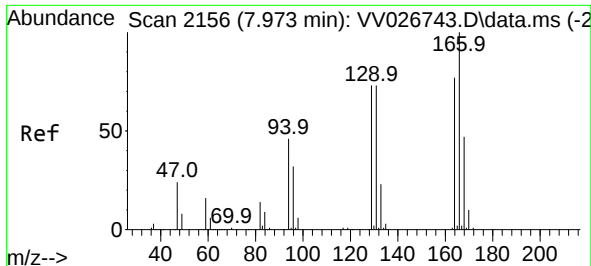
Tgt Ion: 83 Resp: 27210
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.9 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.629 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV026750.D
Acq: 13 Jul 2022 13:59

Tgt Ion: 63 Resp: 11387
Ion Ratio Lower Upper
63 100
112 0.4 4.2 6.2#





#47

Tetrachloroethene

Concen: 0.713 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

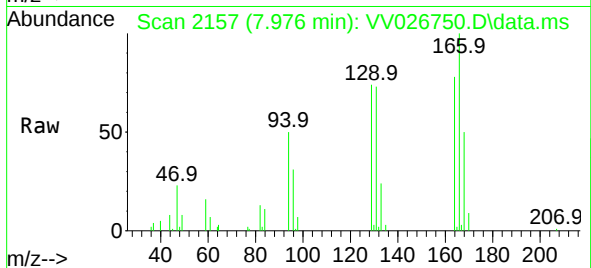
Lab File: VV026750.D

Acq: 13 Jul 2022 13:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 10395

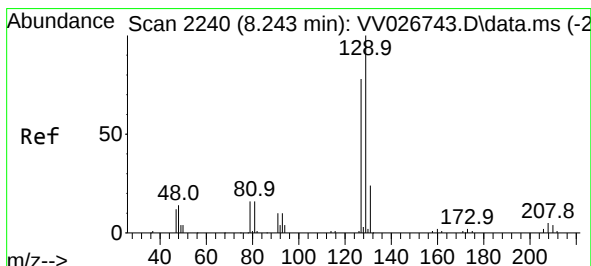
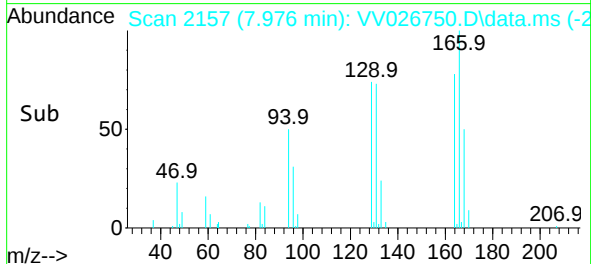
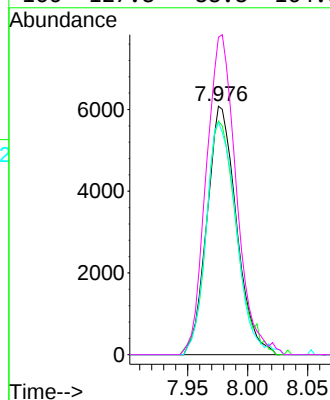
Ion Ratio Lower Upper

164 100

129 94.0 67.8 125.8

131 93.4 65.9 122.5

166 127.8 88.8 164.8



#49

Dibromochloromethane

Concen: 0.652 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV026750.D

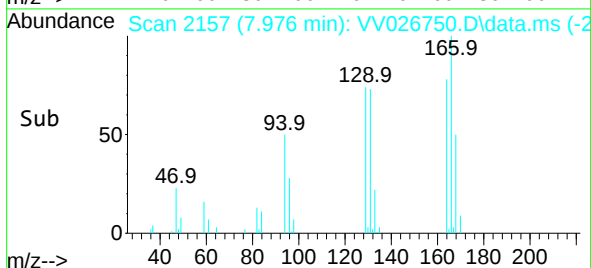
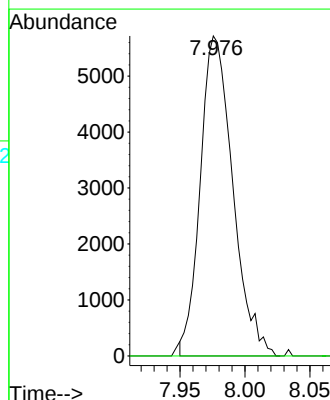
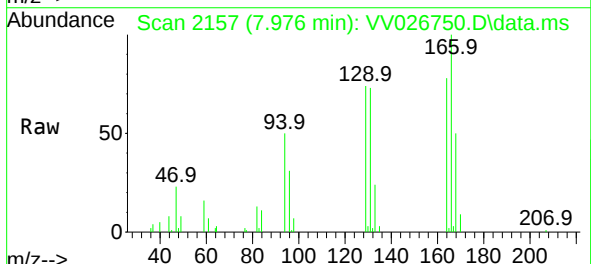
Acq: 13 Jul 2022 13:59

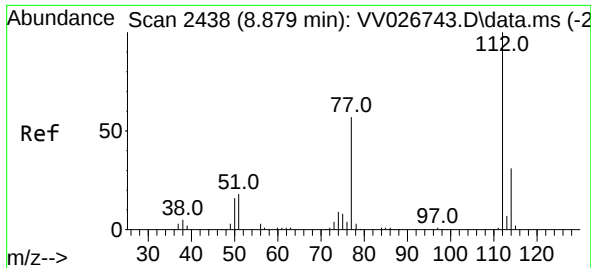
Tgt Ion:129 Resp: 9939

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#

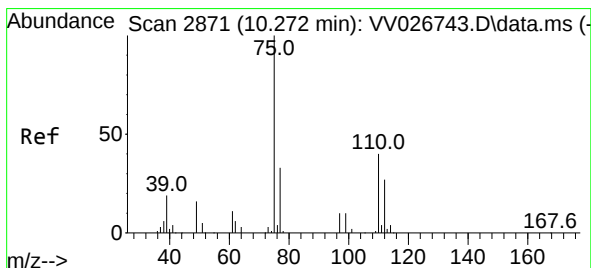
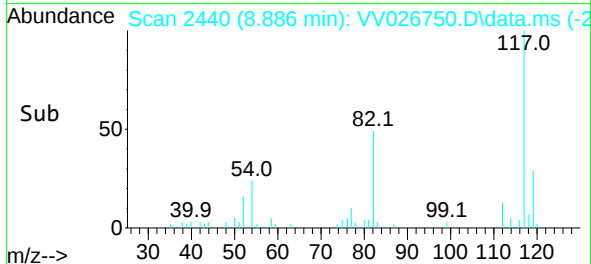
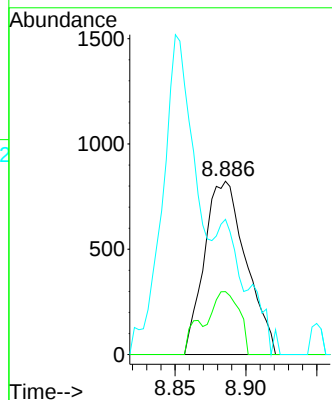
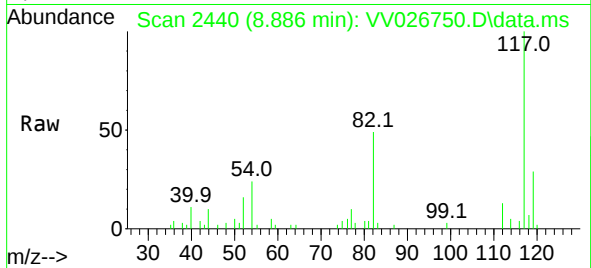




#51
Chlorobenzene
Concen: 0.035 ug/L
RT: 8.886 min Scan# 2438
Delta R.T. 0.006 min
Lab File: VV026750.D
Acq: 13 Jul 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:112 Resp: 1687
Ion Ratio Lower Upper
112 100
114 36.3 22.7 42.1
77 78.0 46.6 70.0#



#61
1,2,3-Trichloropropane
Concen: 1.332 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026750.D
Acq: 13 Jul 2022 13:59

Tgt Ion: 75 Resp: 11000
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
110 2.2 31.8 47.6#

