

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112621\
 Data File : VW023735.D
 Acq On : 26 Nov 2021 18:57
 Operator : SY/MD
 Sample : M4821-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 03:55:52 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)

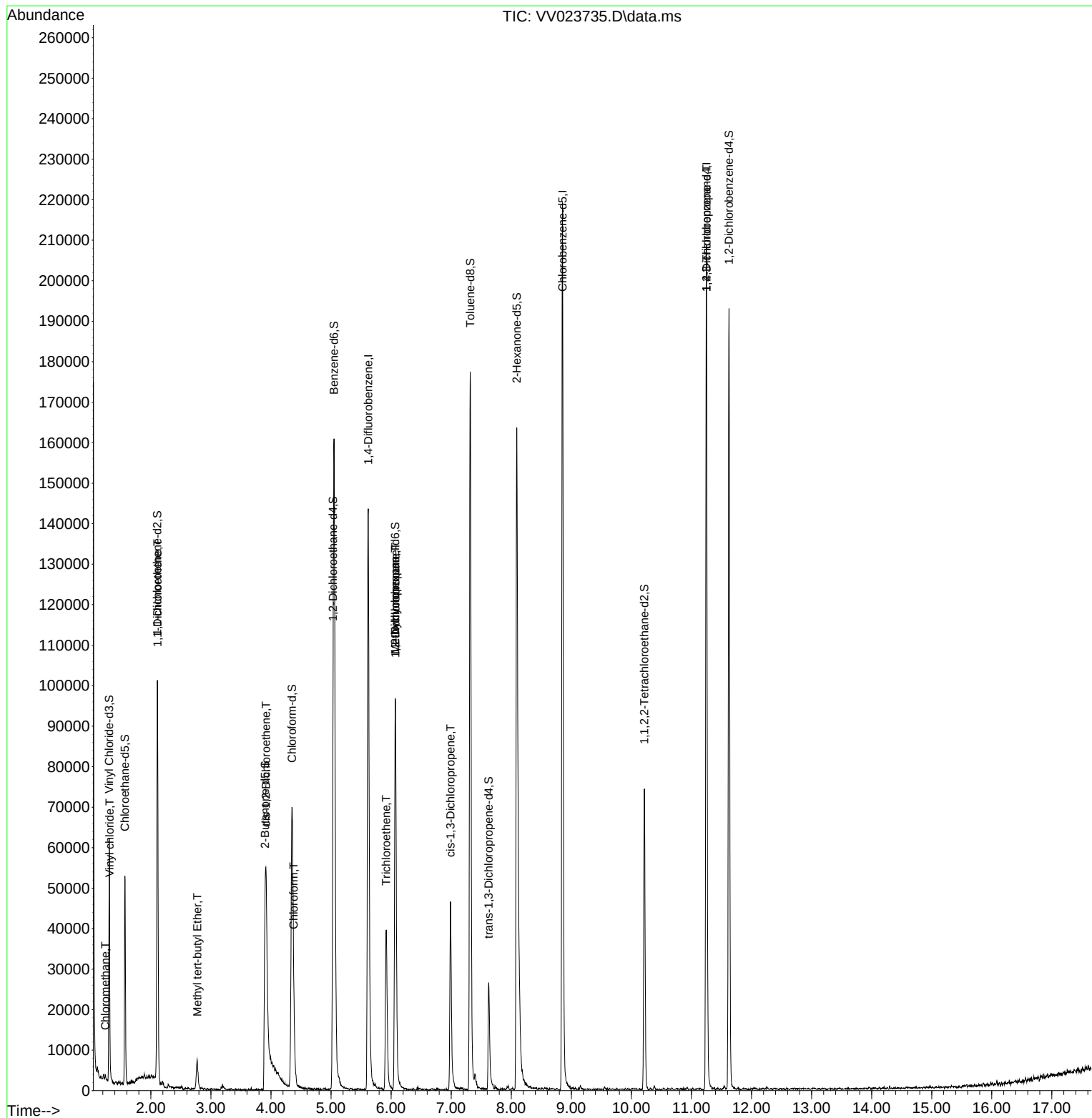
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130021	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125153	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57154	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35130	3.291	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.800%
7) Chloroethane-d5	1.568	69	31695	3.778	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.108	63	49446	2.629	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.600%#
20) 2-Butanone-d5	3.902	46	57554	44.854	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.700%
24) Chloroform-d	4.349	84	70579	3.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
26) 1,2-Dichloroethane-d4	5.034	65	40173	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.050	84	143657	4.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.069	67	44826	4.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.317	98	119843	3.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	7.625	79	16121	4.184	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.092	63	66547	51.989	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.980%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34800	5.060	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	51259	5.073	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	615	0.057	ug/L	98
5) Vinyl chloride	1.314	62	1597	0.142	ug/L #	64
12) 1,1-Dichloroethene	2.111	96	524	0.060	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	5615	0.315	ug/L	96
22) cis-1,2-Dichloroethene	3.918	96	20254	2.129	ug/L	99
25) Chloroform	4.378	83	10118	0.544	ug/L	100
34) Trichloroethene	5.918	95	13745	1.438	ug/L	96
35) Methylcyclohexane	6.069	83	11111	0.746	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5452	0.643	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1234	0.102	ug/L #	50
61) 1,2,3-Trichloropropane	11.249	75	5930	1.463	ug/L #	63

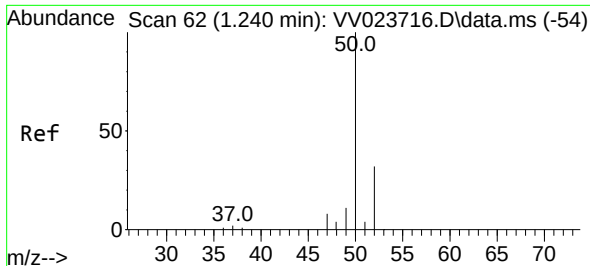
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023735.D
Acq On : 26 Nov 2021 18:57
Operator : SY/MD
Sample : M4821-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 27 03:55:52 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

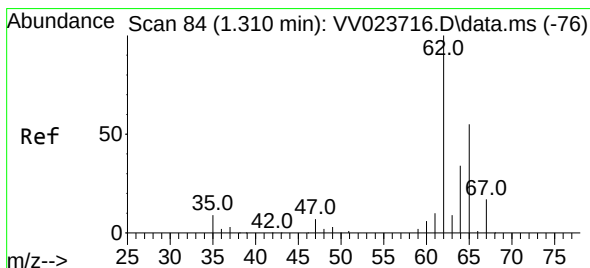
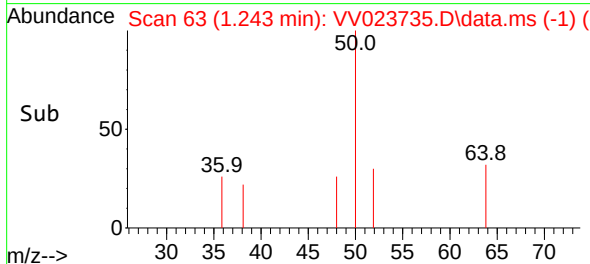
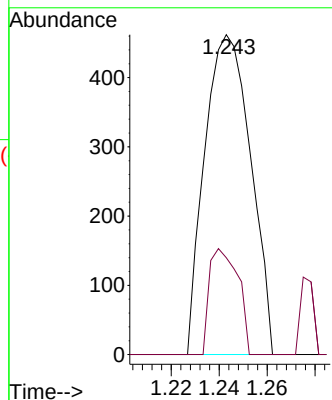
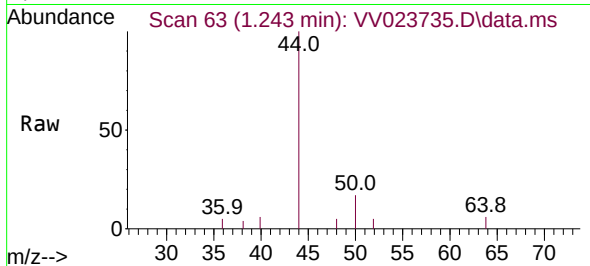




#3
Chloromethane
Concen: 0.057 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023735.D
Acq: 26 Nov 2021 18:57

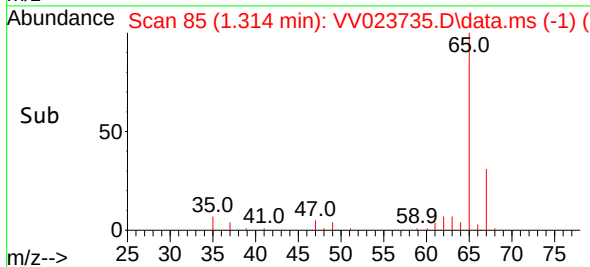
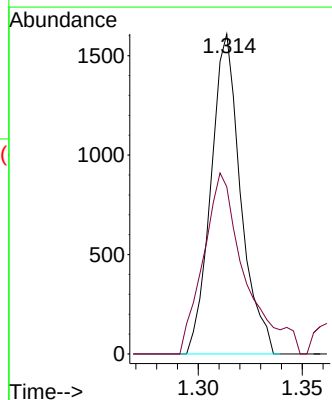
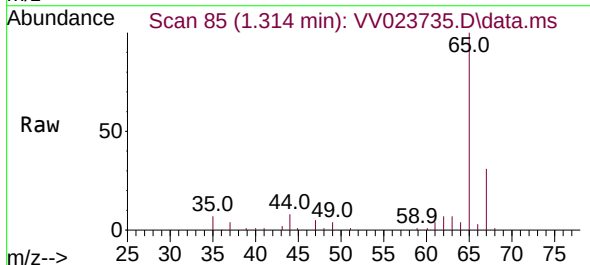
Instrument :
MSVOA_V
ClientSampleId :

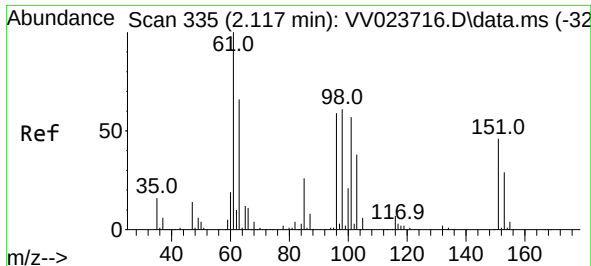
Tgt Ion: 50 Resp: 615
Ion Ratio Lower Upper
50 100
52 30.3 22.0 41.0



#5
Vinyl chloride
Concen: 0.142 ug/L
RT: 1.314 min Scan# 85
Delta R.T. 0.003 min
Lab File: VV023735.D
Acq: 26 Nov 2021 18:57

Tgt Ion: 62 Resp: 1597
Ion Ratio Lower Upper
62 100
64 52.3 22.4 41.6#

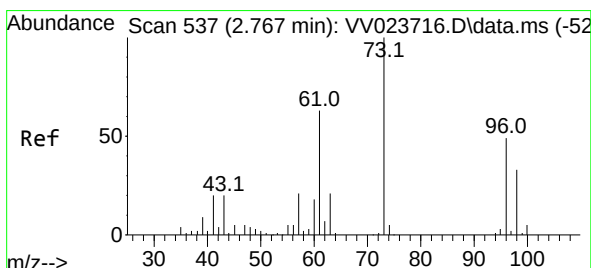
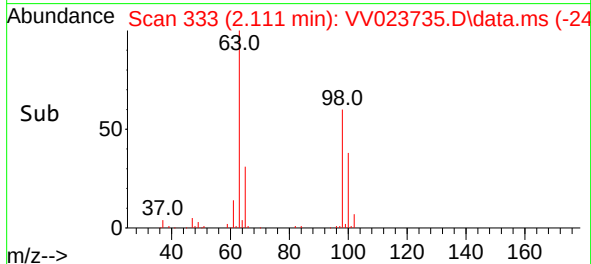
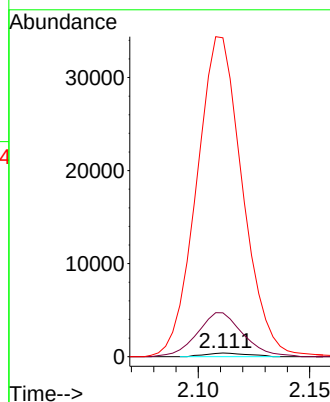
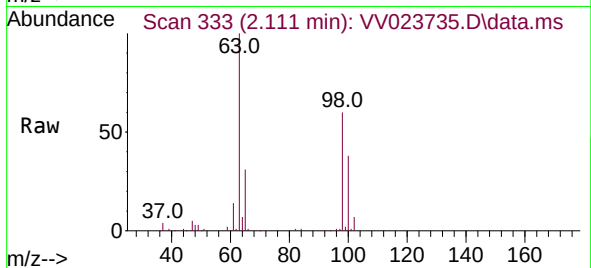




#12
1,1-Dichloroethene
Concen: 0.060 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV023735.D
Acq: 26 Nov 2021 18:57

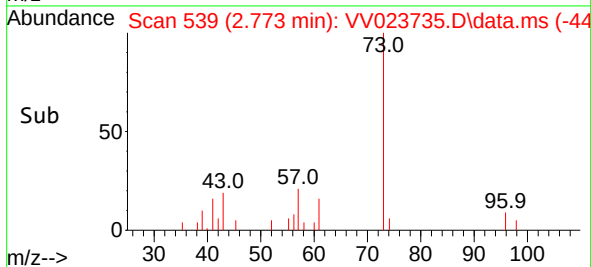
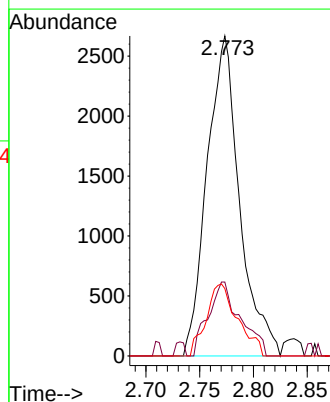
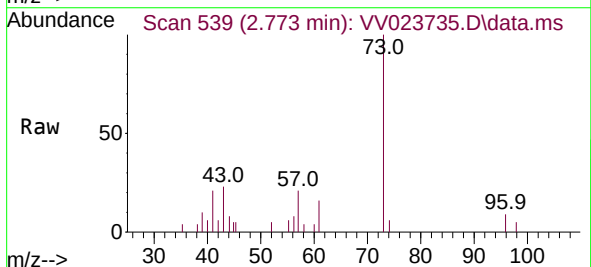
Instrument :
MSVOA_V
ClientSampleId :

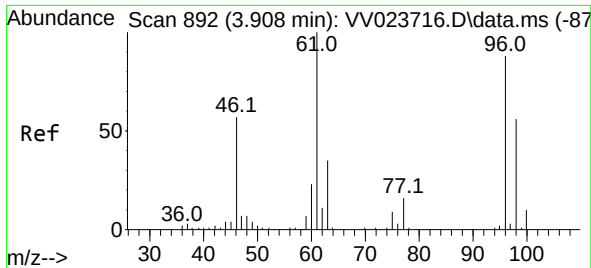
Tgt Ion: 96 Resp: 524
Ion Ratio Lower Upper
96 100
61 1179.5 116.1 215.5#
63 8570.0 79.4 147.4#



#17
Methyl tert-butyl Ether
Concen: 0.315 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV023735.D
Acq: 26 Nov 2021 18:57

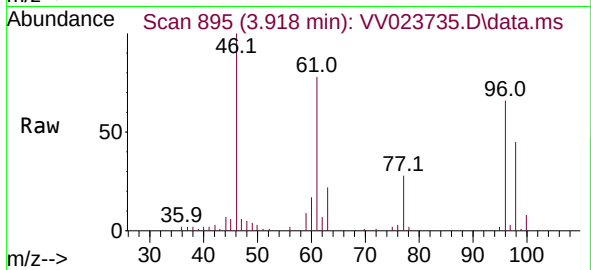
Tgt Ion: 73 Resp: 5615
Ion Ratio Lower Upper
73 100
43 22.9 15.5 23.3
57 21.7 17.1 25.7





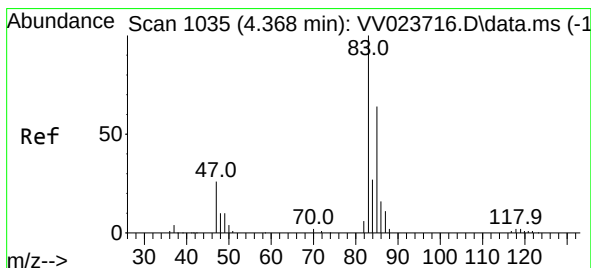
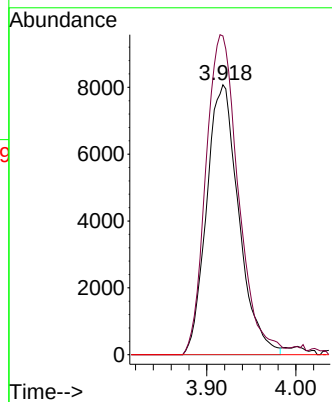
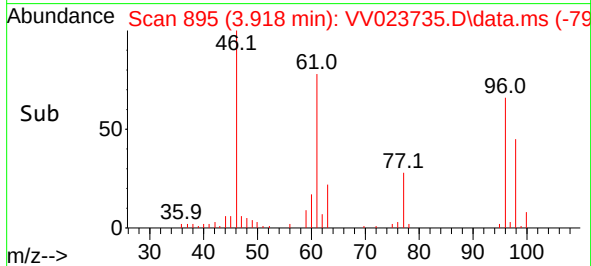
#22
 cis-1,2-Dichloroethene
 Concen: 2.129 ug/L
 RT: 3.918 min Scan# 892
 Delta R.T. 0.010 min
 Lab File: VV023735.D
 Acq: 26 Nov 2021 18:57

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 20254

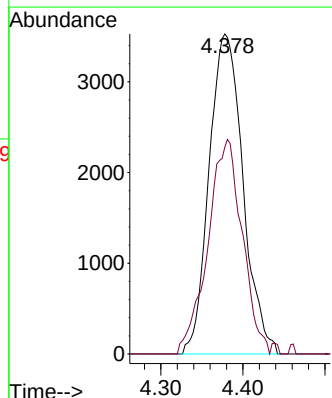
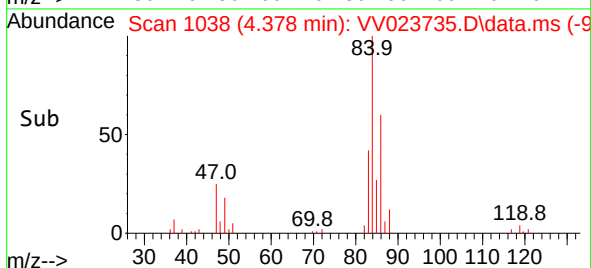
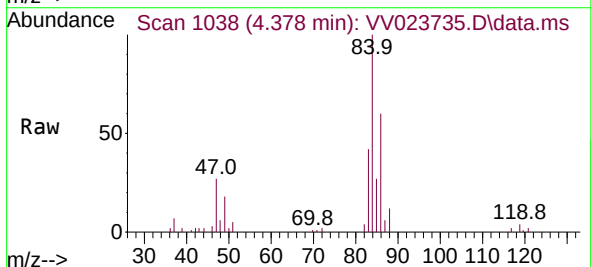
Ion	Ratio	Lower	Upper
96	100		
61	118.1	83.4	154.8
68	0.0	0.0	0.0

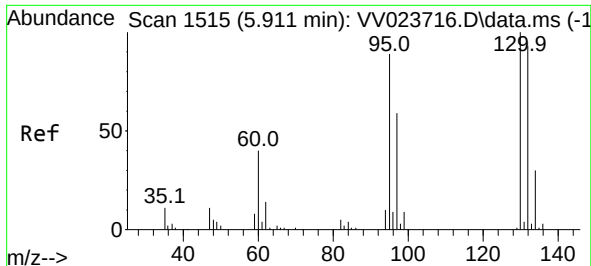


#25
 Chloroform
 Concen: 0.544 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.010 min
 Lab File: VV023735.D
 Acq: 26 Nov 2021 18:57

Tgt Ion: 83 Resp: 10118

Ion	Ratio	Lower	Upper
83	100		
85	64.6	45.2	84.0

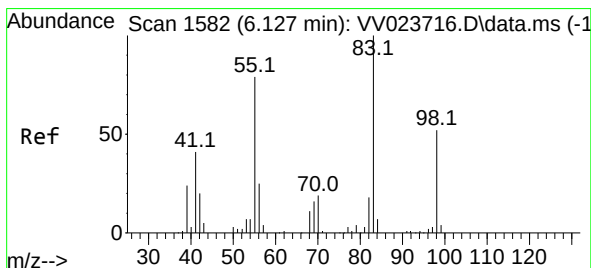
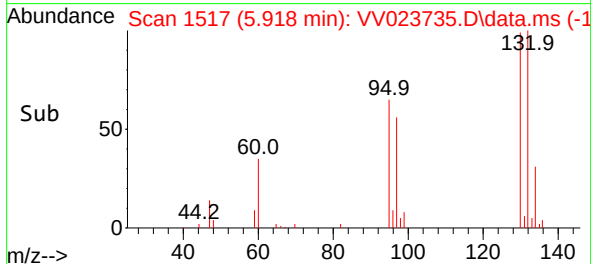
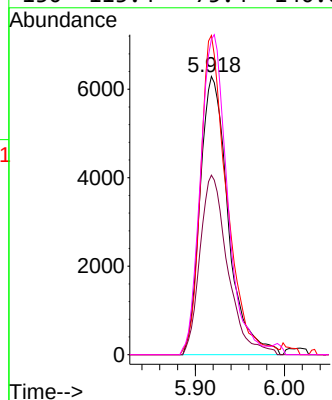
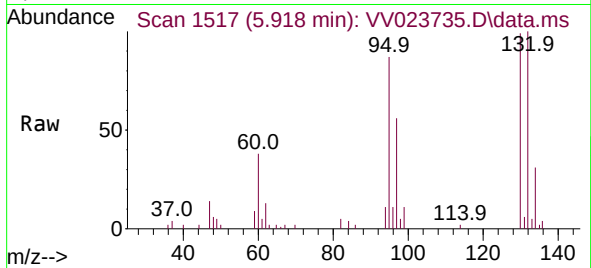




#34
Trichloroethene
Concen: 1.438 ug/L
RT: 5.918 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV023735.D
Acq: 26 Nov 2021 18:57

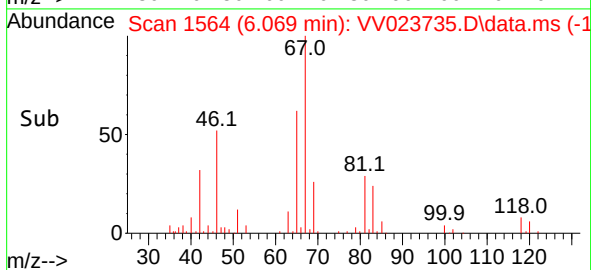
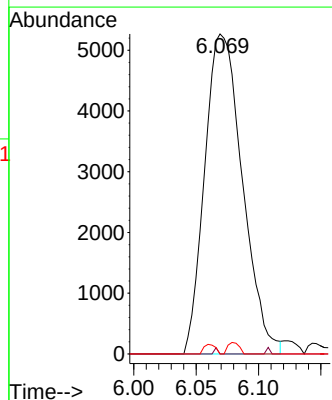
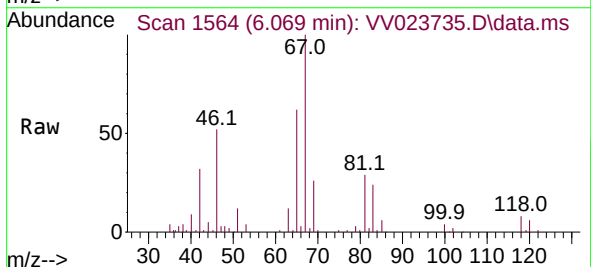
Instrument :
MSVOA_V
ClientSampleId :

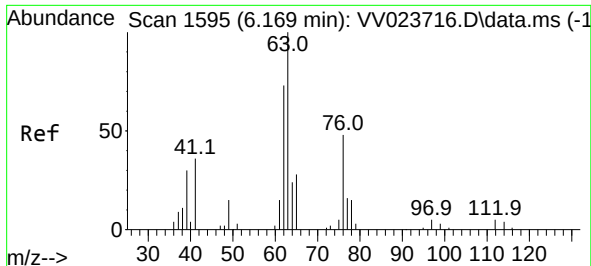
Tgt Ion: 95 Resp: 13745
Ion Ratio Lower Upper
95 100
97 64.6 45.2 84.0
132 114.7 76.1 141.3
130 113.4 75.4 140.0



#35
Methylcyclohexane
Concen: 0.746 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV023735.D
Acq: 26 Nov 2021 18:57

Tgt Ion: 83 Resp: 11111
Ion Ratio Lower Upper
83 100
55 0.2 60.2 90.2#
98 0.9 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.643 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV023735.D

Acq: 26 Nov 2021 18:57

Instrument :

MSVOA_V

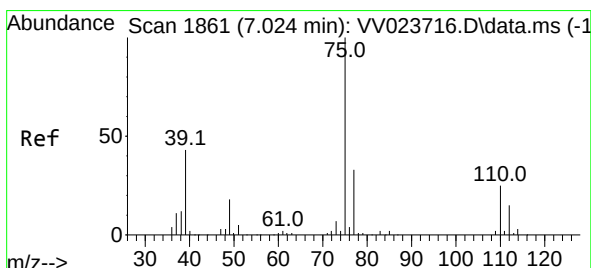
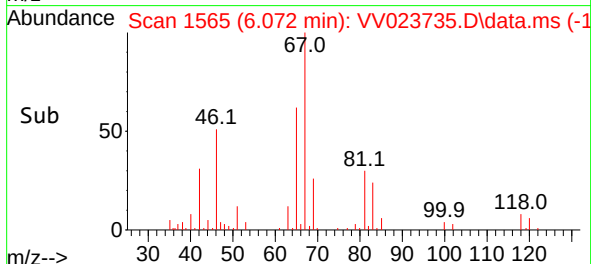
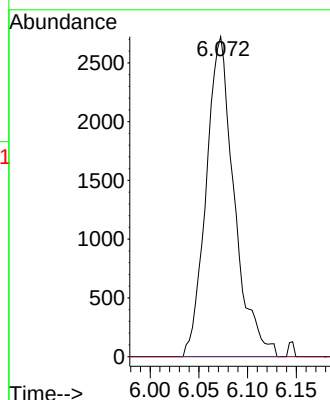
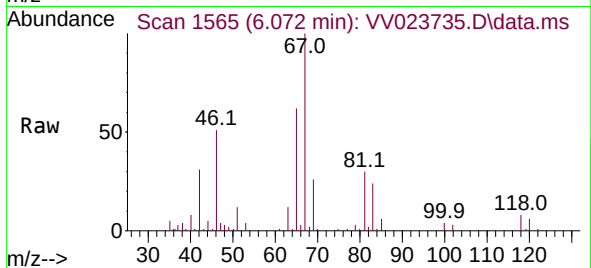
ClientSampleId :

Tgt Ion: 63 Resp: 5452

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV023735.D

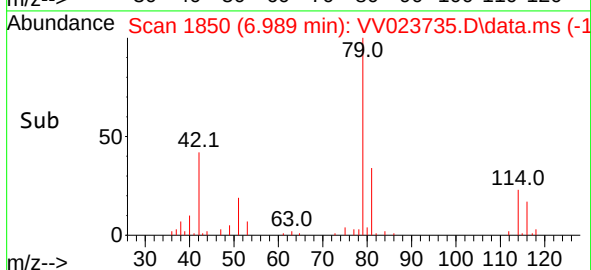
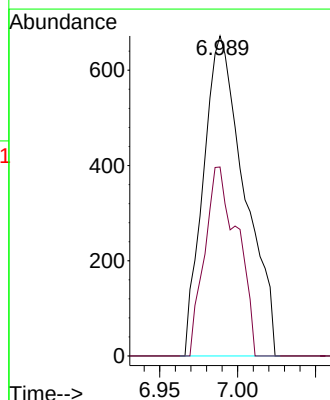
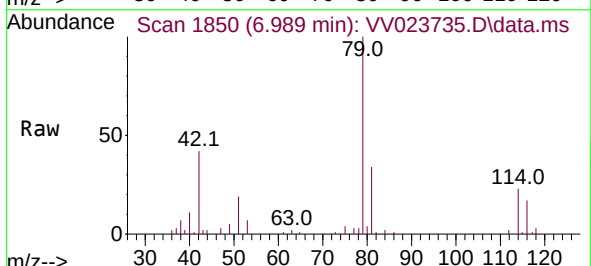
Acq: 26 Nov 2021 18:57

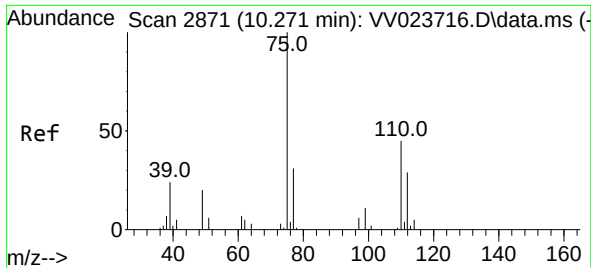
Tgt Ion: 75 Resp: 1234

Ion Ratio Lower Upper

75 100

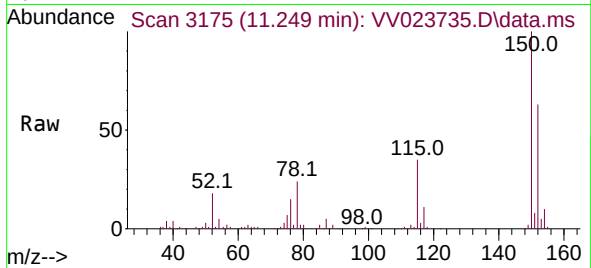
77 59.1 22.0 41.0#





#61
1,2,3-Trichloropropane
Concen: 1.463 ug/L
RT: 11.249 min Scan# 31
Delta R.T. 0.978 min
Lab File: VV023735.D
Acq: 26 Nov 2021 18:57

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 5930
Ion Ratio Lower Upper
75 100
77 35.1 26.4 39.6
110 2.2 34.2 51.2#

