

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
 Data File : VV023236.D
 Acq On : 05 Nov 2021 16:47
 Operator : SY/MD
 Sample : M4535-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 03:17:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 03:09:01 2021
 Response via : Initial Calibration

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

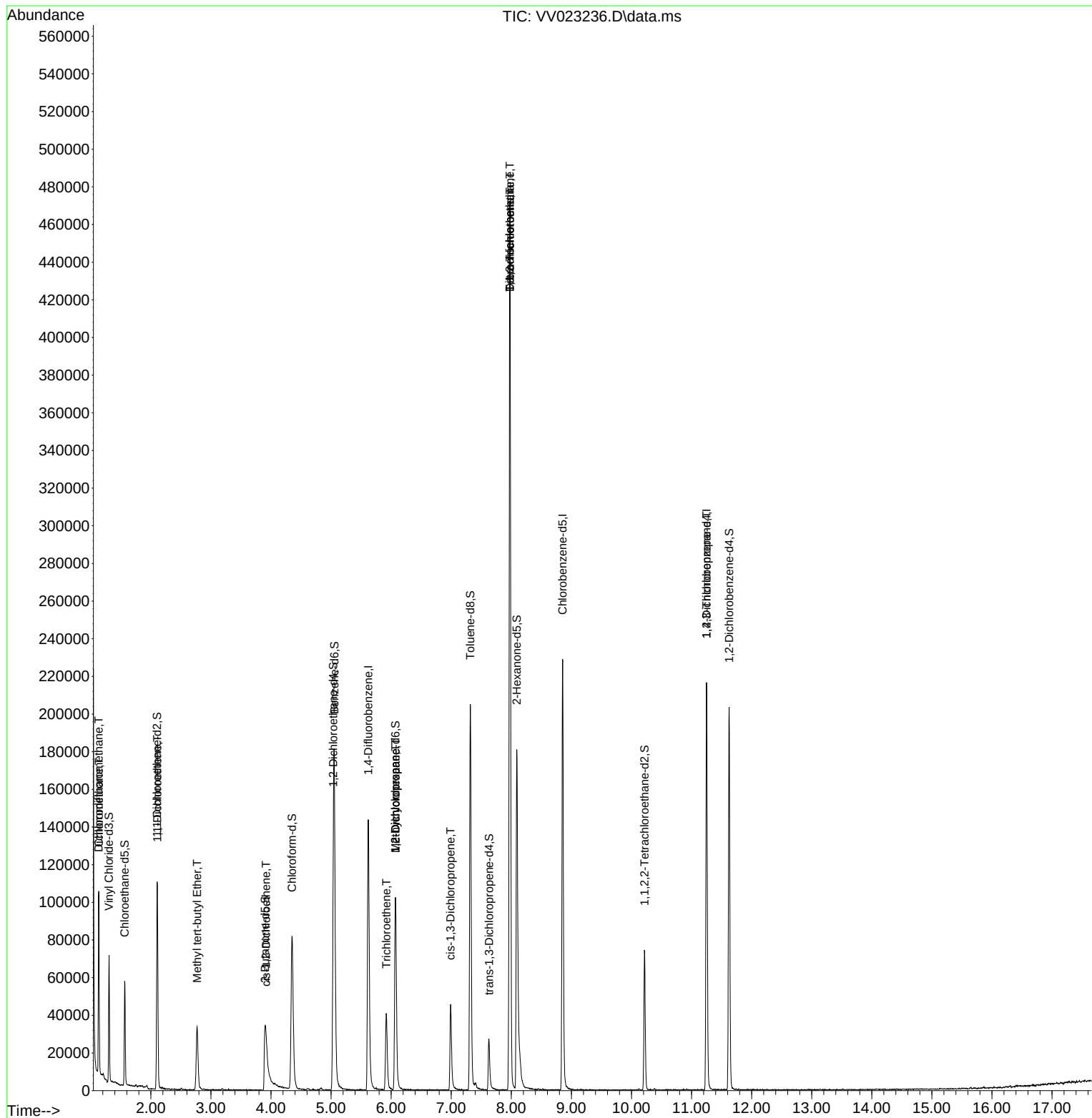
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126177	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128618	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58960	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39750	5.029	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.600%
7) Chloroethane-d5	1.564	69	32784	5.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.105	63	56192	3.797	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	3.899	46	71713	60.048	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.100%
24) Chloroform-d	4.349	84	85389	5.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.037	65	41711	5.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	5.053	84	165228	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.072	67	49493	5.095	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.317	98	140345	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.628	79	16537	4.489	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.091	63	67222	49.600	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.200%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33296	4.766	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	54345	5.535	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	1506	0.122	ug/L	97
3) Chloromethane	1.134	50	3780	0.361	ug/L #	73
12) 1,1-Dichloroethene	2.108	96	1000	0.133	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	32233	1.946	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	2812	0.316	ug/L	87
34) Trichloroethene	5.918	95	14893	1.558	ug/L	98
35) Methylcyclohexane	6.072	83	12695	0.841	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	5663	0.675	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1147	0.095	ug/L #	71
45) 1,1,2-Trichloroethane	7.976	97	760	0.126	ug/L #	1
47) Tetrachloroethene	7.976	164	107258	12.946	ug/L	98
49) Dibromochloromethane	7.976	129	95488	12.498	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6382	1.629	ug/L #	63

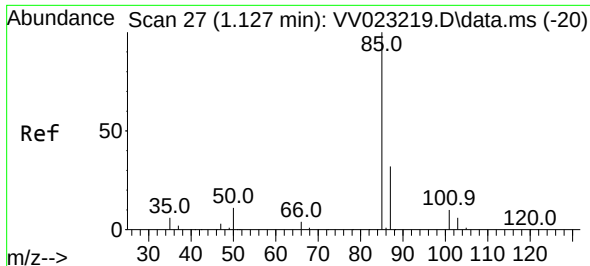
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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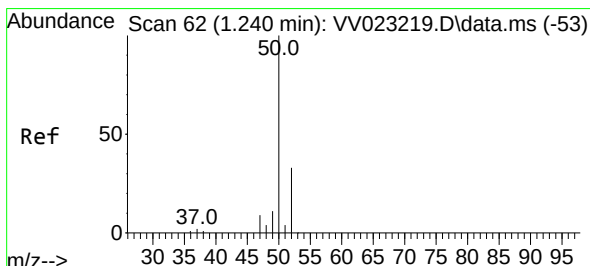
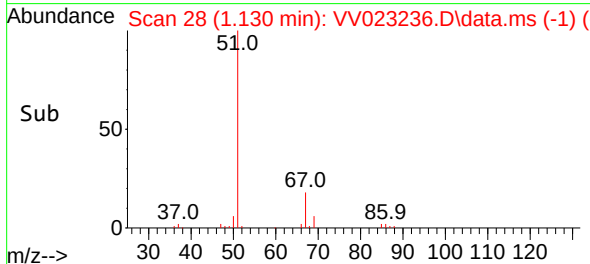
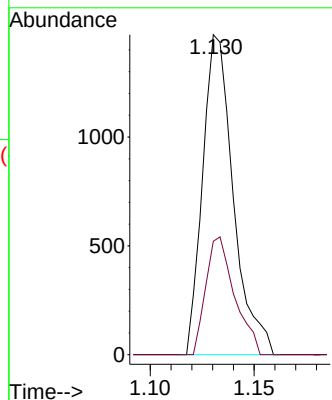
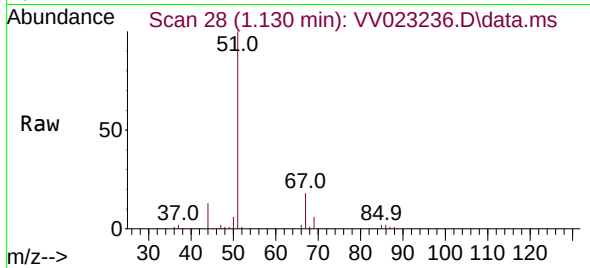




#2
 Dichlorodifluoromethane
 Concen: 0.122 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023236.D
 Acq: 05 Nov 2021 16:47

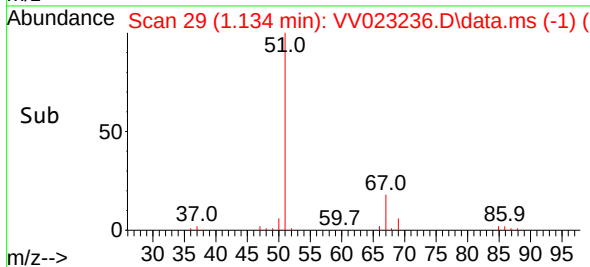
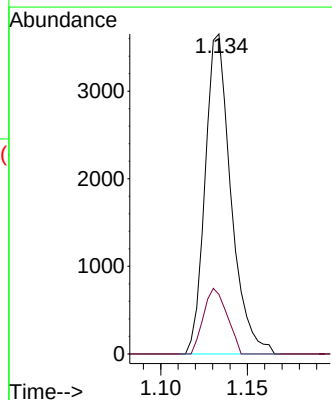
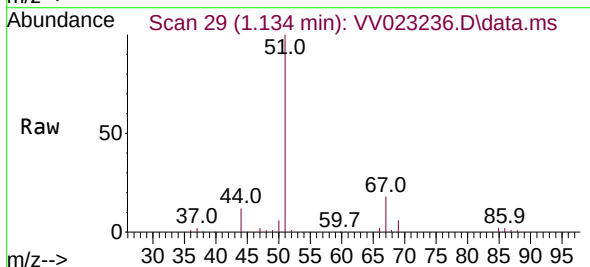
Instrument :
 MSVOA_V
 ClientSampleId :

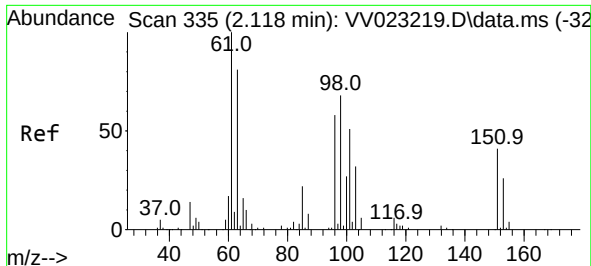
Tgt Ion: 85 Resp: 1506
 Ion Ratio Lower Upper
 85 100
 87 34.5 26.0 39.0



#3
 Chloromethane
 Concen: 0.361 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. -0.106 min
 Lab File: VV023236.D
 Acq: 05 Nov 2021 16:47

Tgt Ion: 50 Resp: 3780
 Ion Ratio Lower Upper
 50 100
 52 18.6 23.7 43.9#

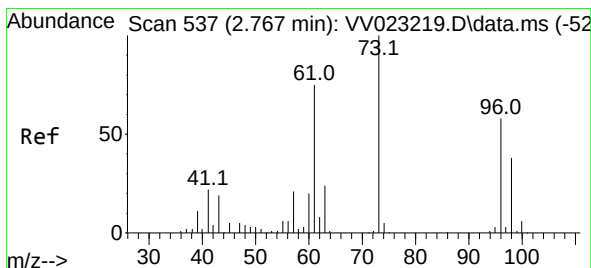
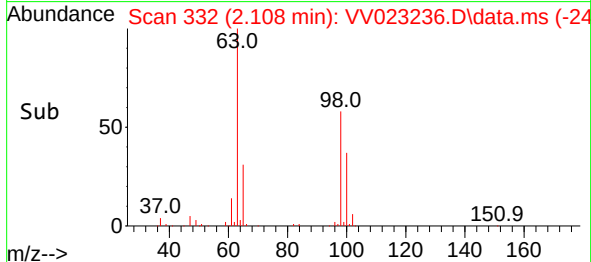
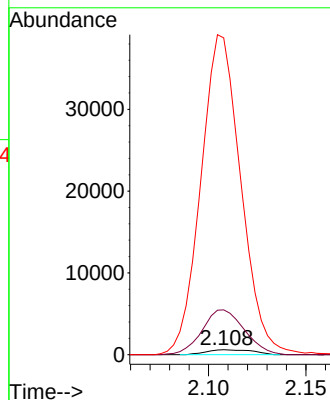
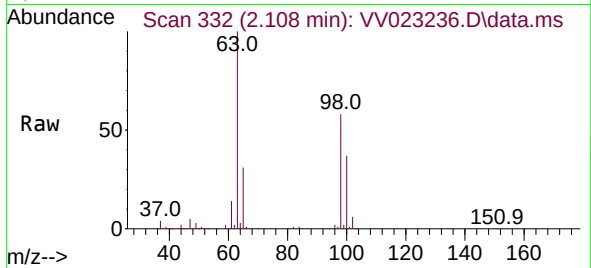




#12
1,1-Dichloroethene
Concen: 0.133 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV023236.D
Acq: 05 Nov 2021 16:47

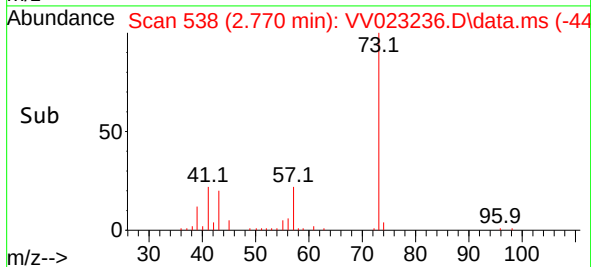
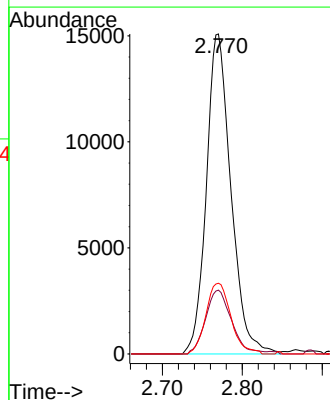
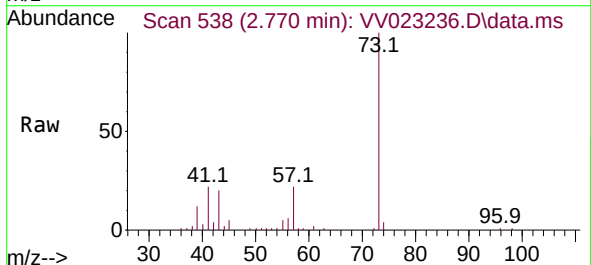
Instrument :
MSVOA_V
ClientSampleId :

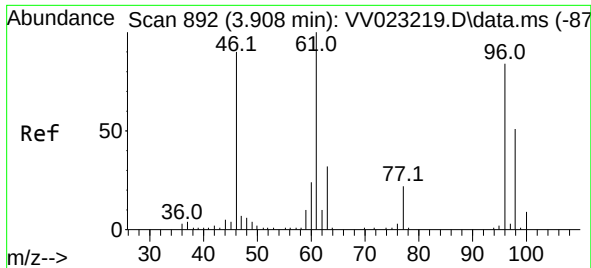
Tgt Ion: 96 Resp: 1000
Ion Ratio Lower Upper
96 100
61 913.2 117.7 218.7#
63 6457.3 80.5 149.5#



#17
Methyl tert-butyl Ether
Concen: 1.946 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV023236.D
Acq: 05 Nov 2021 16:47

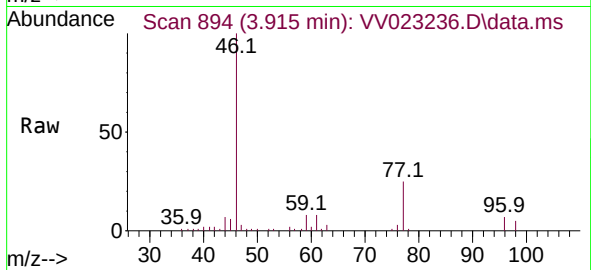
Tgt Ion: 73 Resp: 32233
Ion Ratio Lower Upper
73 100
43 21.0 14.2 21.4
57 22.5 17.8 26.8





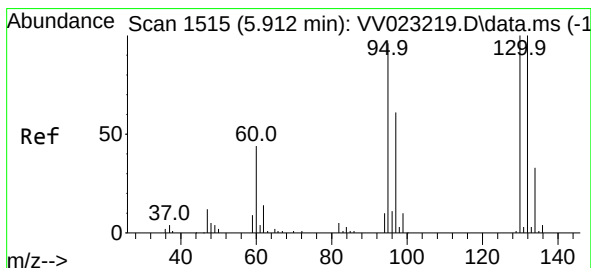
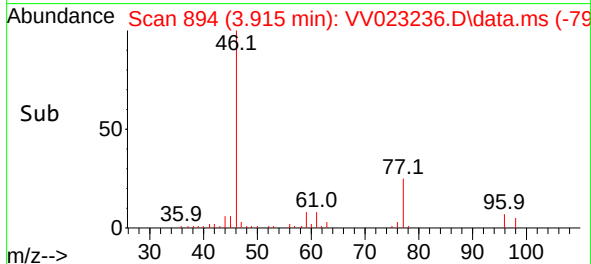
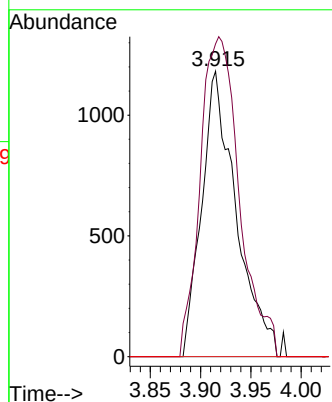
#22
 cis-1,2-Dichloroethene
 Concen: 0.316 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV023236.D
 Acq: 05 Nov 2021 16:47

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 2812

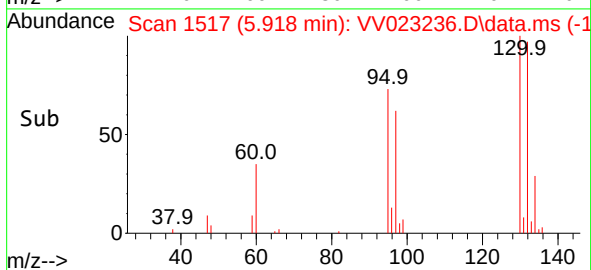
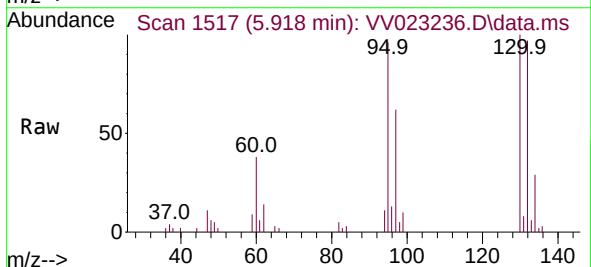
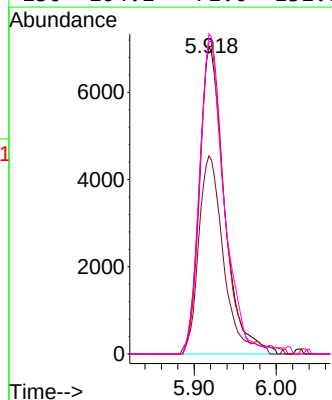
Ion	Ratio	Lower	Upper
96	100		
61	109.6	86.7	160.9
68	0.0	0.0	0.0

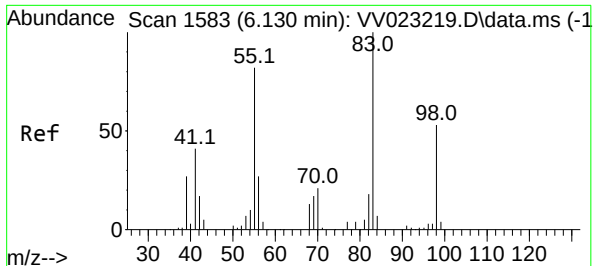


#34
 Trichloroethene
 Concen: 1.558 ug/L
 RT: 5.918 min Scan# 1517
 Delta R.T. 0.006 min
 Lab File: VV023236.D
 Acq: 05 Nov 2021 16:47

Tgt Ion: 95 Resp: 14893

Ion	Ratio	Lower	Upper
95	100		
97	64.5	43.3	80.5
132	101.5	70.0	130.0
130	104.1	71.0	131.8





#35

Methylcyclohexane

Concen: 0.841 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023236.D

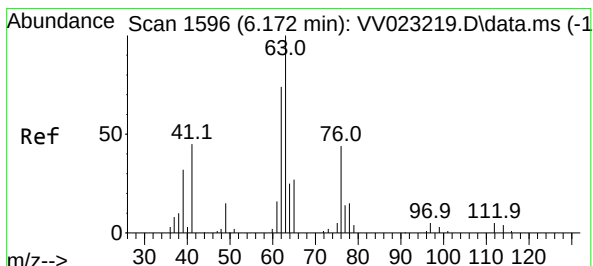
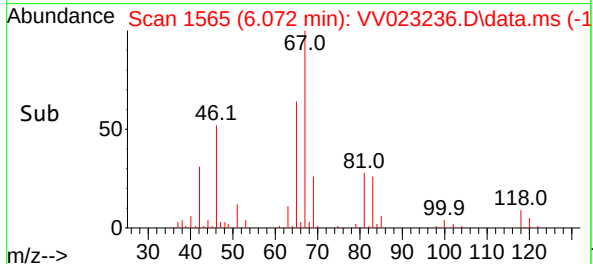
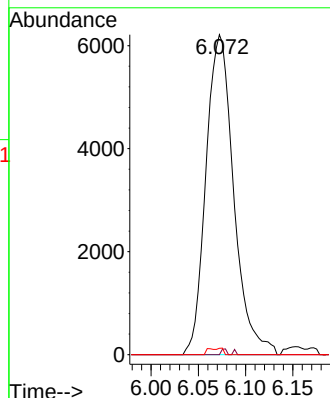
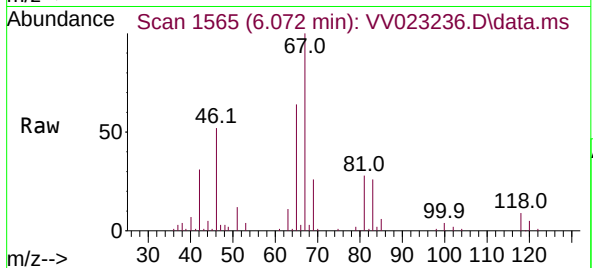
Acq: 05 Nov 2021 16:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 12695
Ion Ratio	Lower Upper
83 100	
55 0.3	59.6 89.4#
98 0.5	40.6 61.0#



#37

1,2-Dichloropropane

Concen: 0.675 ug/L

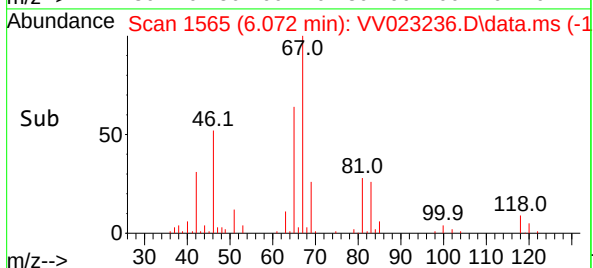
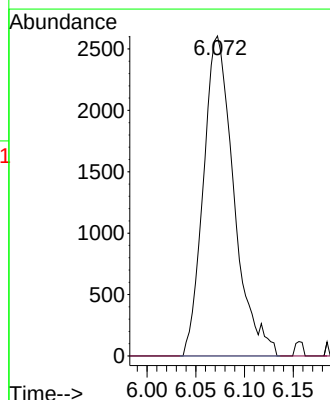
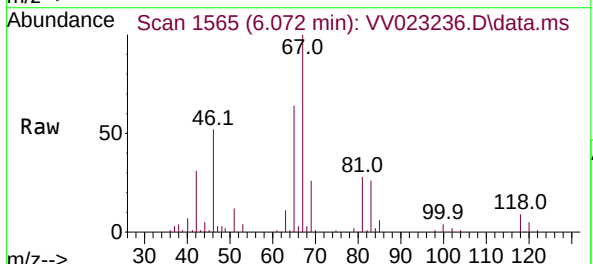
RT: 6.072 min Scan# 1565

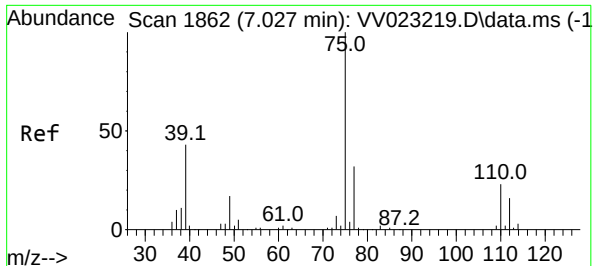
Delta R.T. -0.100 min

Lab File: VV023236.D

Acq: 05 Nov 2021 16:47

Tgt Ion: 63	Resp: 5663
Ion Ratio	Lower Upper
63 100	
112 0.4	4.5 6.7#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.989 min Scan# 1147

Delta R.T. -0.039 min

Lab File: VV023236.D

Acq: 05 Nov 2021 16:47

Instrument :

MSVOA_V

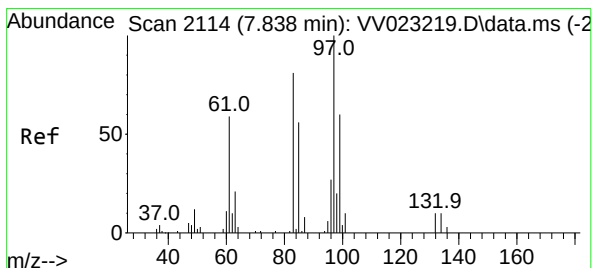
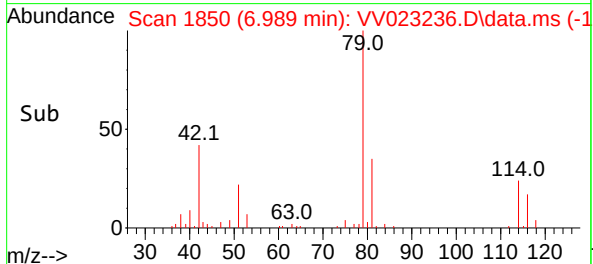
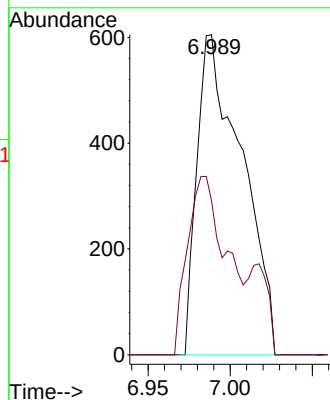
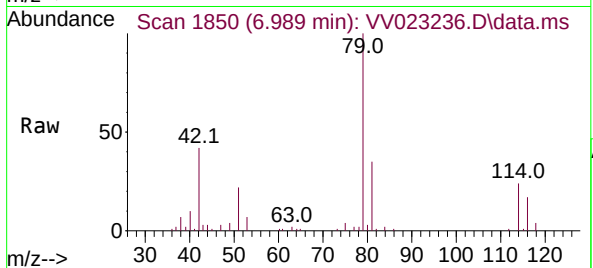
ClientSampleId :

Tgt Ion: 75 Resp: 1147

Ion Ratio Lower Upper

75 100

77 48.1 22.3 41.3#



#45

1,1,2-Trichloroethane

Concen: 0.126 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.138 min

Lab File: VV023236.D

Acq: 05 Nov 2021 16:47

Tgt Ion: 97 Resp: 760

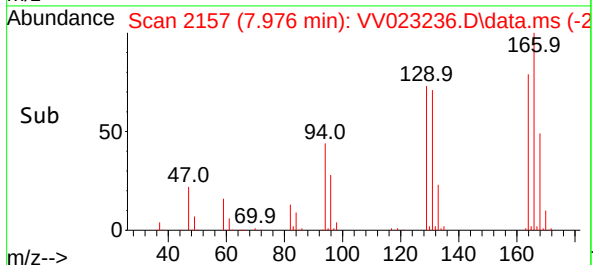
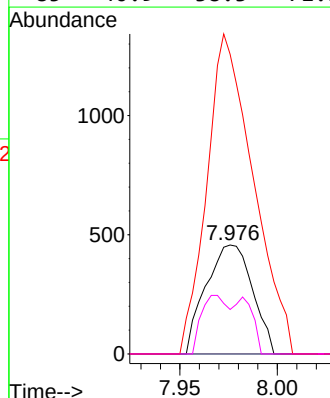
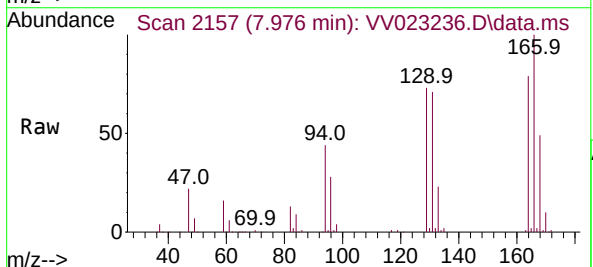
Ion Ratio Lower Upper

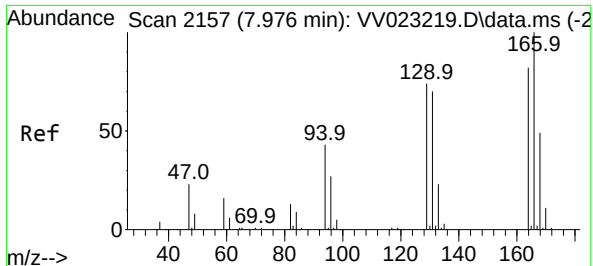
97 100

99 0.0 47.0 87.4#

83 275.1 62.6 116.3#

85 40.9 38.3 71.1





#47

Tetrachloroethene

Concen: 12.946 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

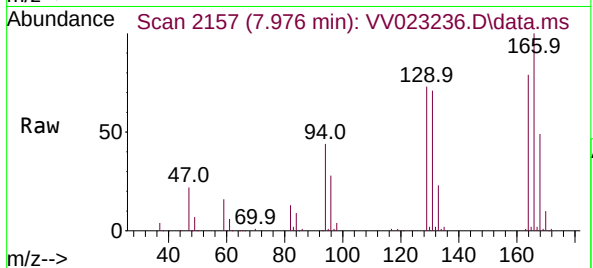
Lab File: VV023236.D

Acq: 05 Nov 2021 16:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 107258

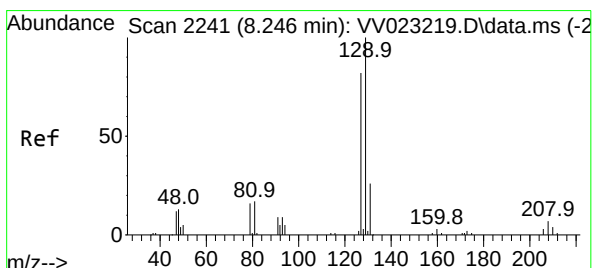
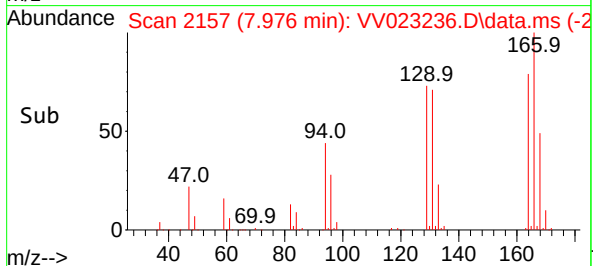
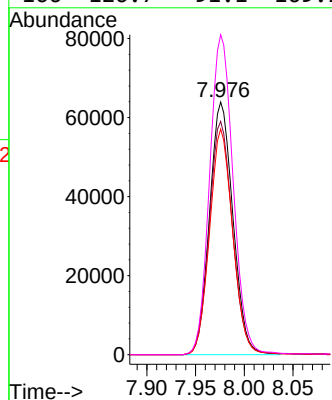
Ion Ratio Lower Upper

164 100

129 92.3 65.5 121.7

131 89.3 63.9 118.7

166 126.7 91.1 169.1



#49

Dibromochloromethane

Concen: 12.498 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV023236.D

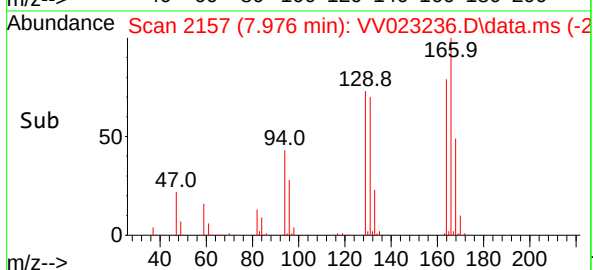
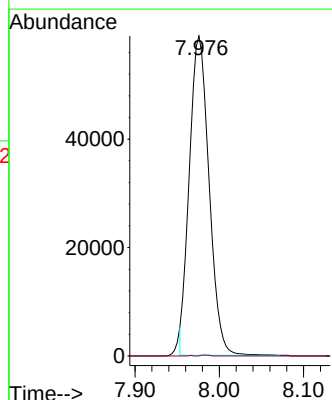
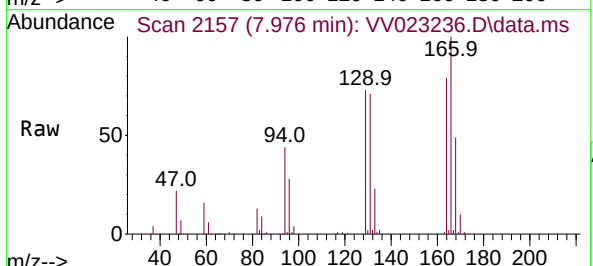
Acq: 05 Nov 2021 16:47

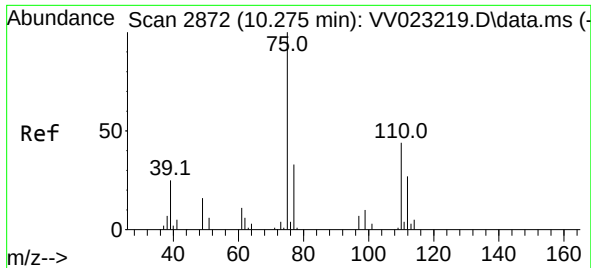
Tgt Ion:129 Resp: 95488

Ion Ratio Lower Upper

129 100

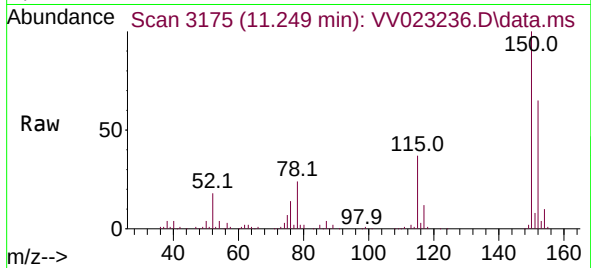
127 0.0 54.4 101.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.629 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV023236.D
 Acq: 05 Nov 2021 16:47

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6382
 Ion Ratio Lower Upper
 75 100
 77 35.7 26.6 39.8
 110 1.7 33.0 49.4#

