

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023375.D
 Acq On : 11 Nov 2021 09:56
 Operator : SY/MD
 Sample : M4558-04DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 00:27:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 08:19:32 2021
 Response via : Initial Calibration

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

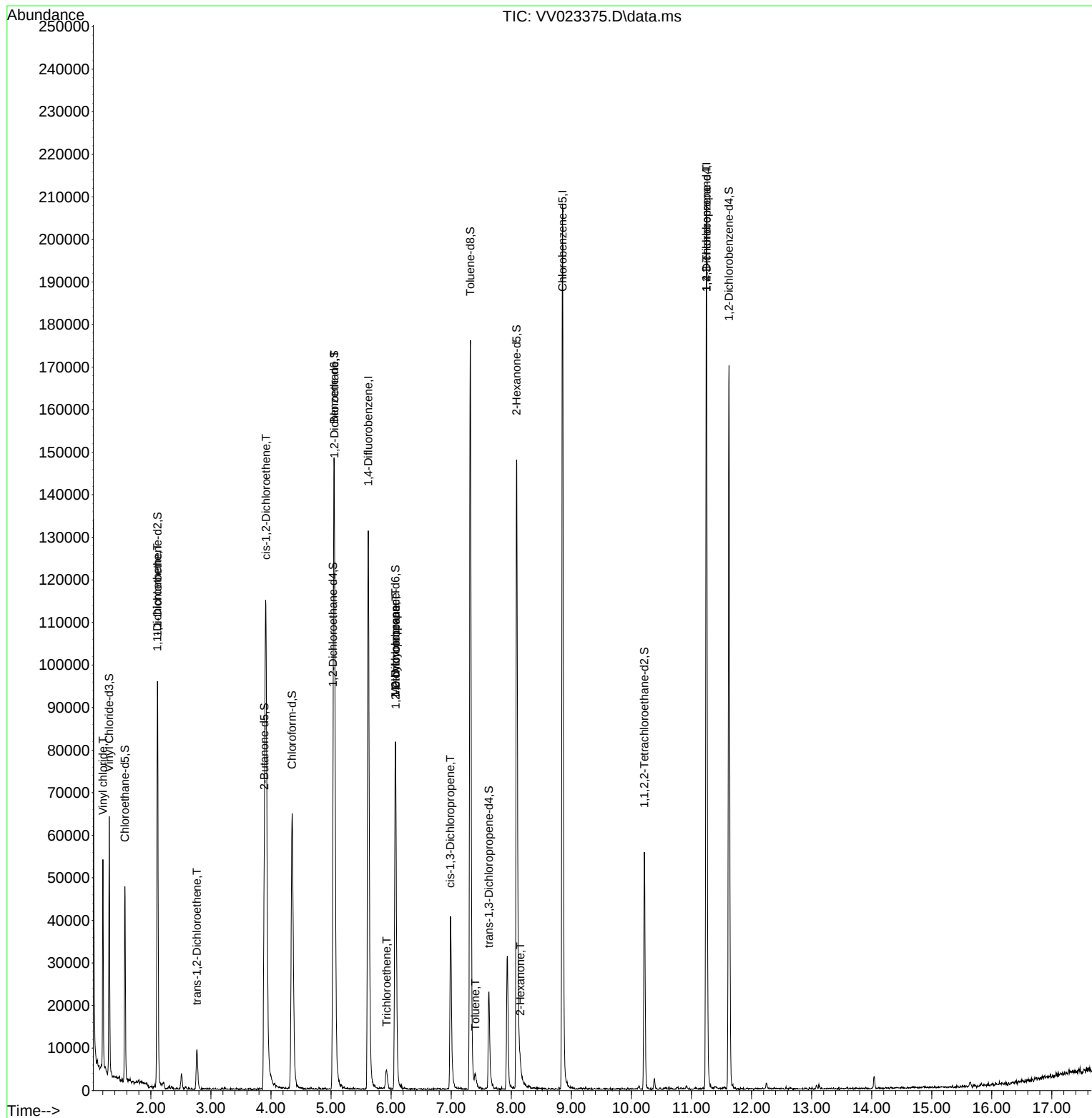
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116491	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	114680	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56006	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	34096	4.672	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.568	69	27942	4.698	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.111	63	49635	3.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.889	46	67887	53.996	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.000%
24) Chloroform-d	4.352	84	67484	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.034	65	32602	4.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.053	84	136860	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.072	67	39892	4.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.320	98	118254	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.629	79	14401	4.385	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.088	63	50531	41.816	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25400	4.078	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	44902	4.815	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.201	62	485	0.050	ug/L	93
12) 1,1-Dichloroethene	2.108	96	526	0.076	ug/L #	1
18) trans-1,2-Dichloroethene	2.767	96	3673	0.430	ug/L	94
22) cis-1,2-Dichloroethene	3.915	96	56684	6.897	ug/L #	91
27) 1,2-Dichloroethane	5.056	62	863	0.106	ug/L #	72
34) Trichloroethene	5.928	95	1269	0.149	ug/L	91
35) Methylcyclohexane	6.072	83	10067	0.748	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	4249	0.568	ug/L #	83
39) cis-1,3-Dichloropropene	6.985	75	1236	0.115	ug/L #	61
42) Toluene	7.403	91	2467	0.072	ug/L	86
48) 2-Hexanone	8.149	43	2375	0.977	ug/L #	83
61) 1,2,3-Trichloropropane	11.249	75	5922	1.592	ug/L #	67

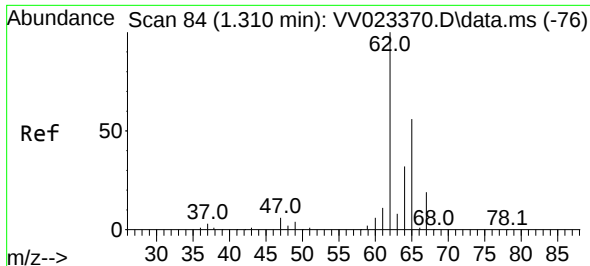
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

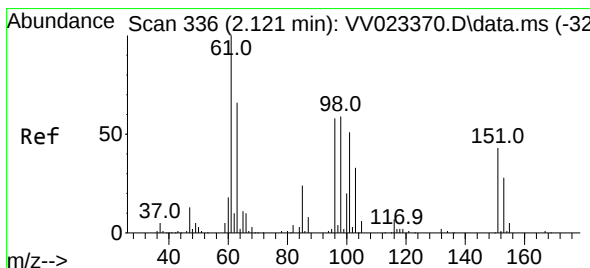
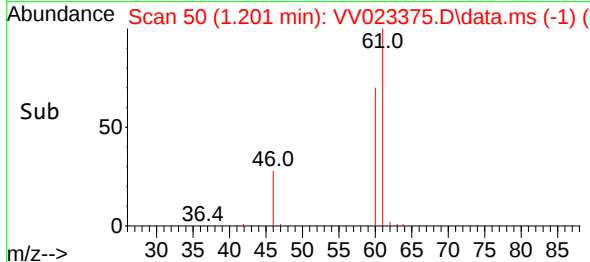
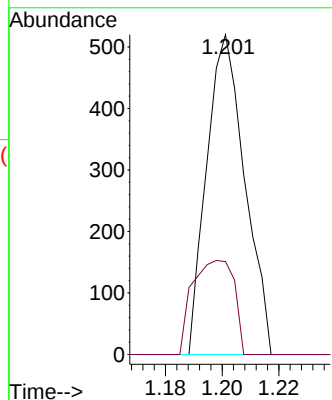
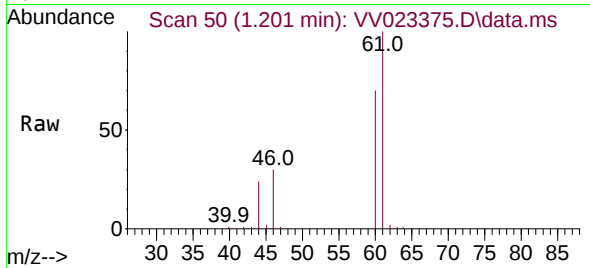




#5
 Vinyl chloride
 Concen: 0.050 ug/L
 RT: 1.201 min Scan# 50
 Delta R.T. -0.109 min
 Lab File: VV023375.D
 Acq: 11 Nov 2021 09:56

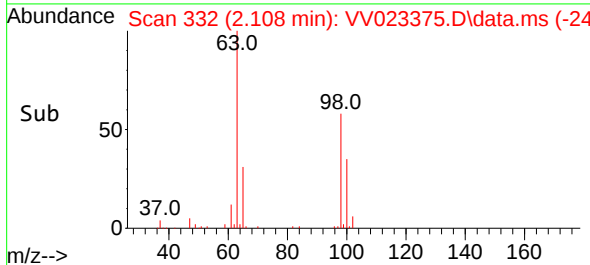
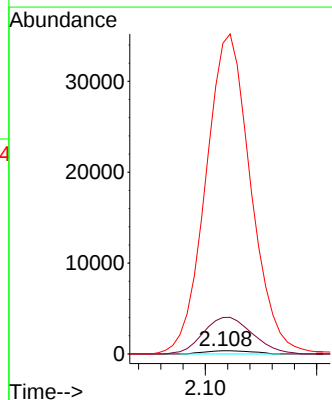
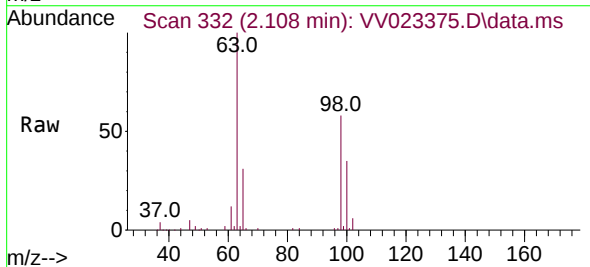
Instrument :
 MSVOA_V
 ClientSampleId :

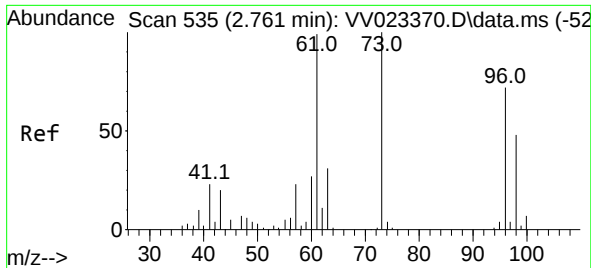
Tgt Ion: 62 Resp: 485
 Ion Ratio Lower Upper
 62 100
 64 29.0 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 0.076 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.013 min
 Lab File: VV023375.D
 Acq: 11 Nov 2021 09:56

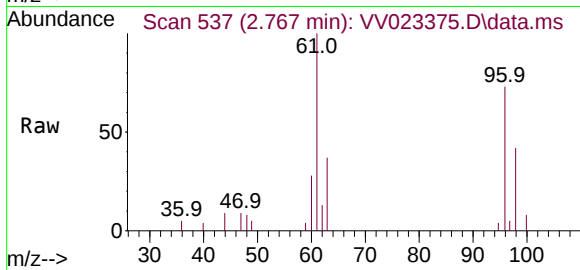
Tgt Ion: 96 Resp: 526
 Ion Ratio Lower Upper
 96 100
 61 1133.8 121.5 225.7#
 63 9631.5 99.6 185.0#



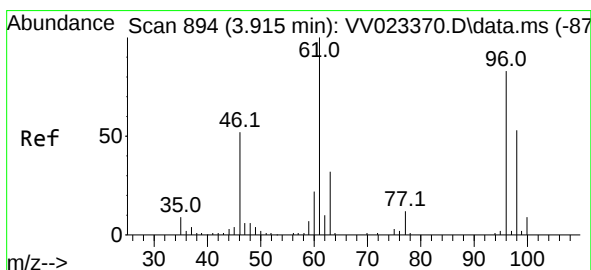
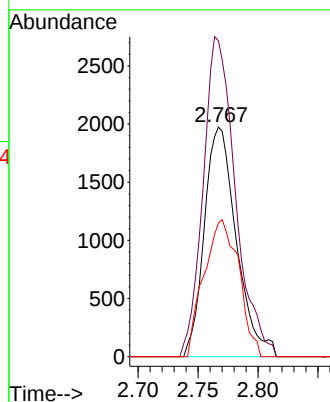
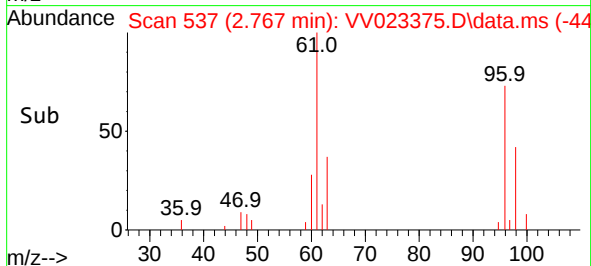


#18
 trans-1,2-Dichloroethene
 Concen: 0.430 ug/L
 RT: 2.767 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VV023375.D
 Acq: 11 Nov 2021 09:56

Instrument :
 MSVOA_V
 ClientSampleId :

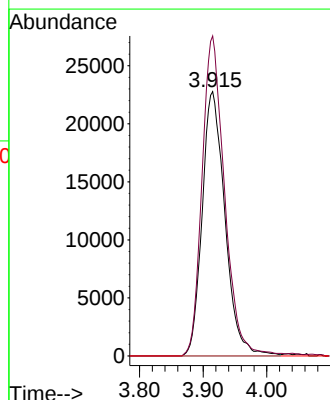
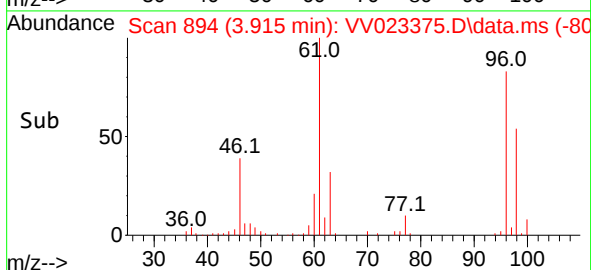
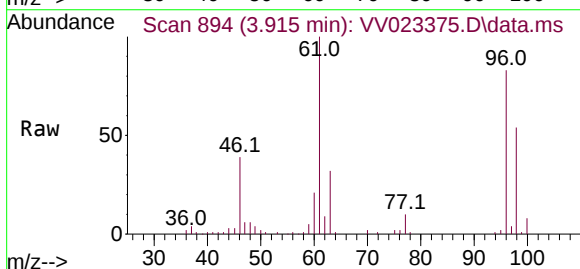


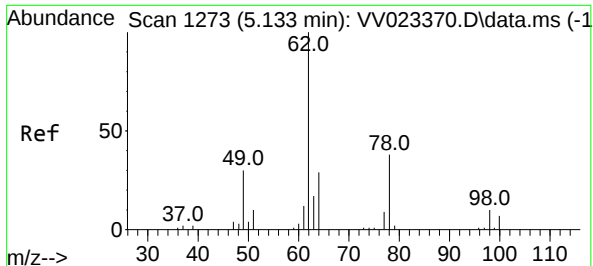
Tgt Ion:	96	Resp:	3673
Ion	Ratio	Lower	Upper
96	100		
61	137.5	93.2	173.2
98	58.2	47.0	87.2



#22
 cis-1,2-Dichloroethene
 Concen: 6.897 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VV023375.D
 Acq: 11 Nov 2021 09:56

Tgt Ion:	96	Resp:	56684
Ion	Ratio	Lower	Upper
96	100		
61	121.1	92.3	171.3
68	0.0	0.4	0.8





#27

1,2-Dichloroethane

Concen: 0.106 ug/L

RT: 5.056 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV023375.D

Acq: 11 Nov 2021 09:56

Instrument :

MSVOA_V

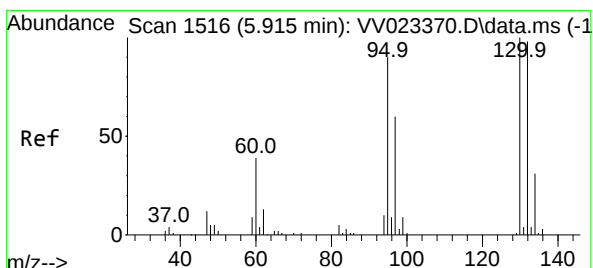
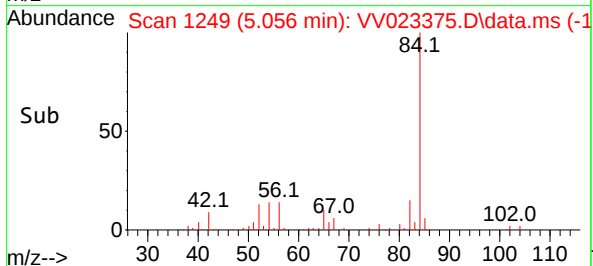
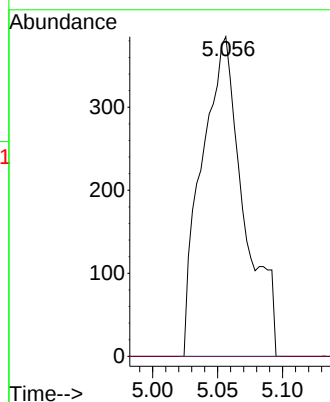
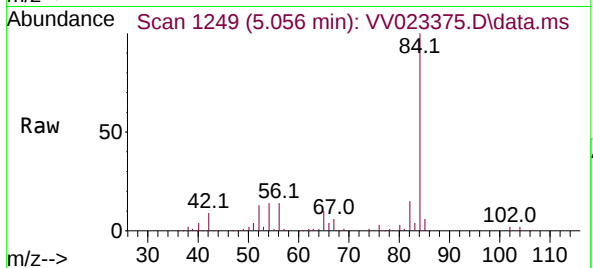
ClientSampleId :

Tgt Ion: 62 Resp: 863

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 0.149 ug/L

RT: 5.928 min Scan# 1520

Delta R.T. 0.013 min

Lab File: VV023375.D

Acq: 11 Nov 2021 09:56

Tgt Ion: 95 Resp: 1269

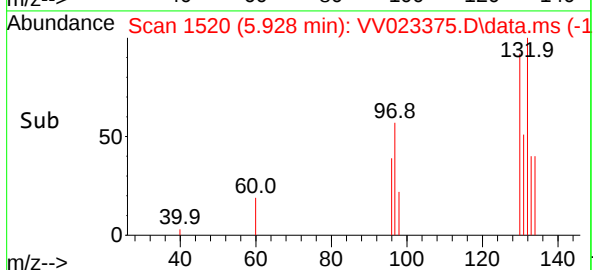
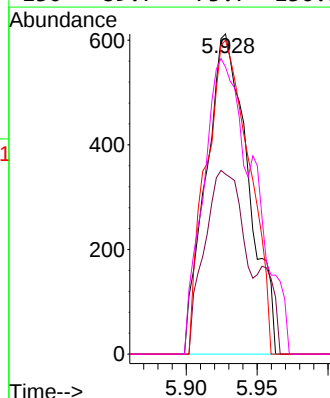
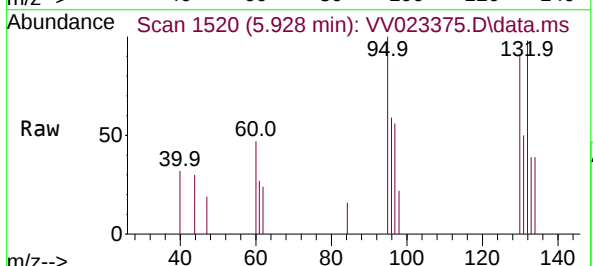
Ion Ratio Lower Upper

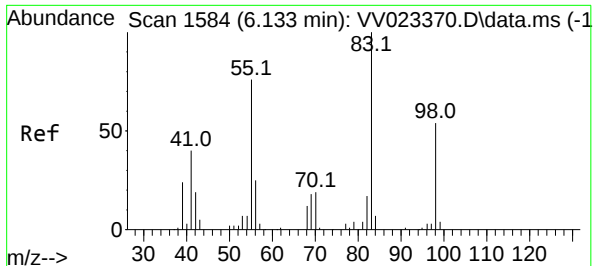
95 100

97 56.2 45.0 83.6

132 98.0 69.7 129.4

130 89.7 73.7 136.9





#35

Methylcyclohexane

Concen: 0.748 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV023375.D

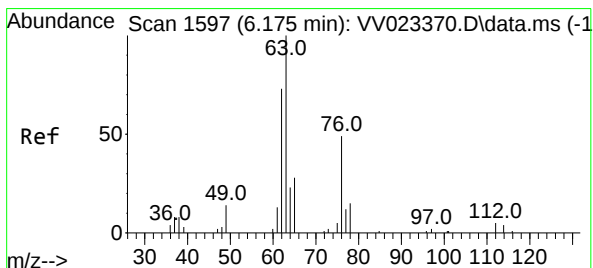
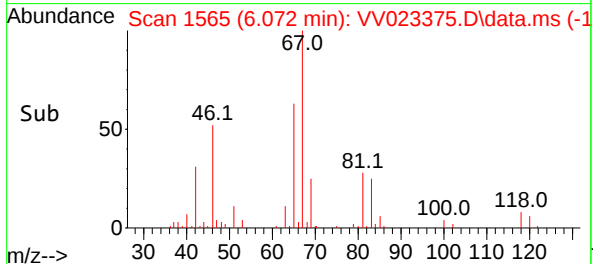
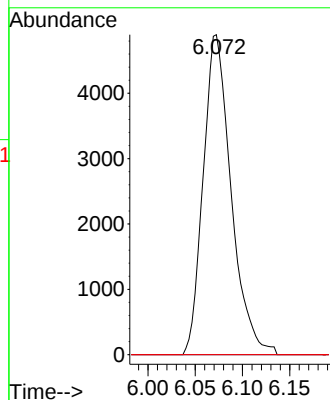
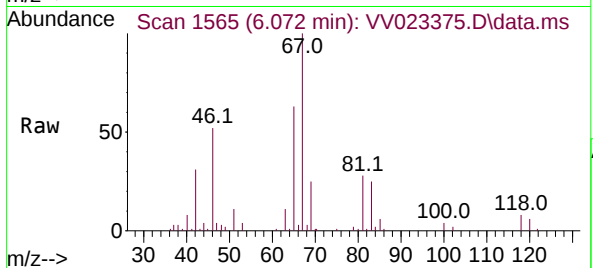
Acq: 11 Nov 2021 09:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 10067
Ion Ratio	Lower Upper
83 100	
55 0.0	62.8 94.2#
98 4.1	37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.568 ug/L

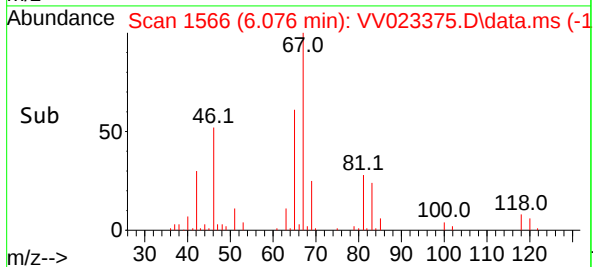
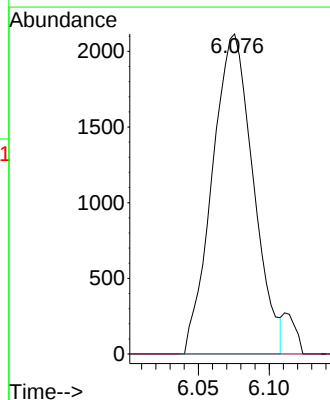
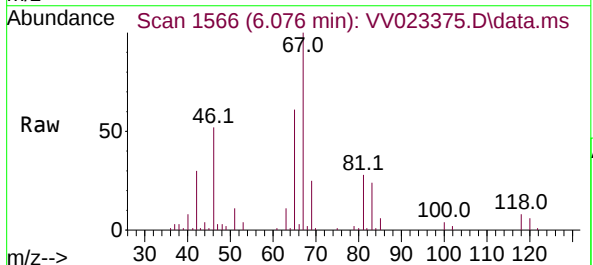
RT: 6.076 min Scan# 1566

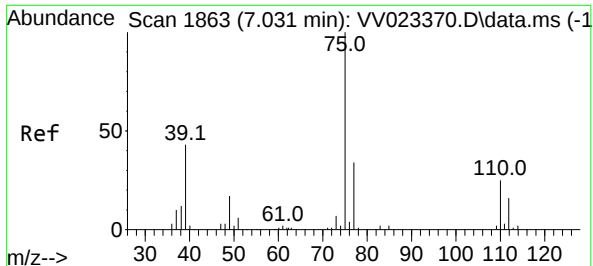
Delta R.T. -0.100 min

Lab File: VV023375.D

Acq: 11 Nov 2021 09:56

Tgt Ion: 63	Resp: 4249
Ion Ratio	Lower Upper
63 100	
112 0.0	4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.045 min

Lab File: VV023375.D

Acq: 11 Nov 2021 09:56

Instrument :

MSVOA_V

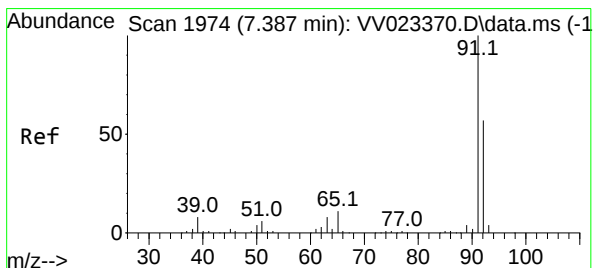
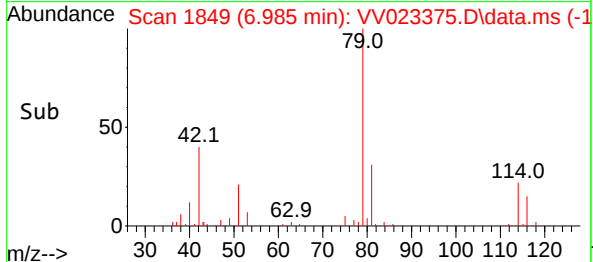
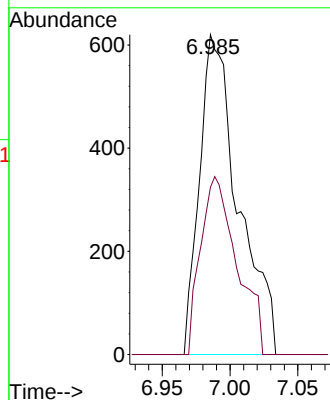
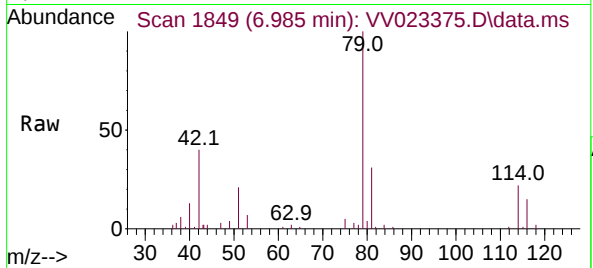
ClientSampleId :

Tgt Ion: 75 Resp: 1236

Ion Ratio Lower Upper

75 100

77 52.3 21.6 40.2#



#42

Toluene

Concen: 0.072 ug/L

RT: 7.403 min Scan# 1979

Delta R.T. 0.016 min

Lab File: VV023375.D

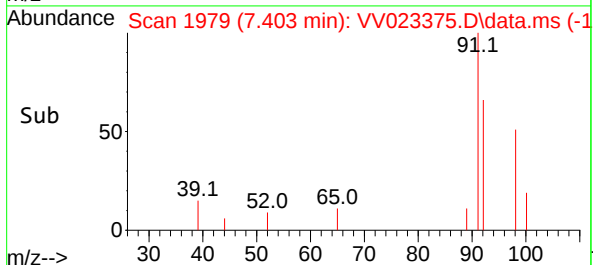
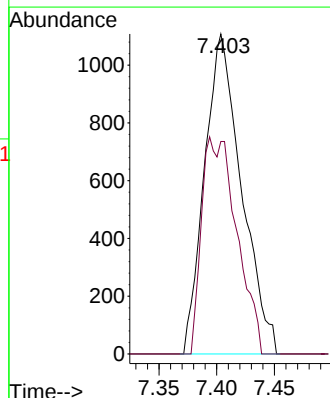
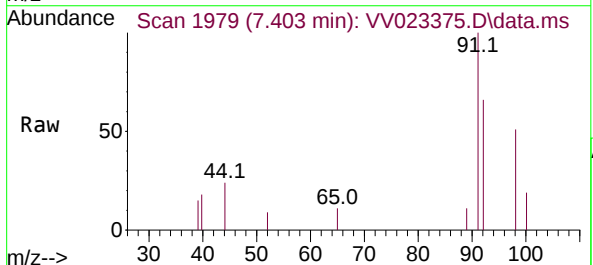
Acq: 11 Nov 2021 09:56

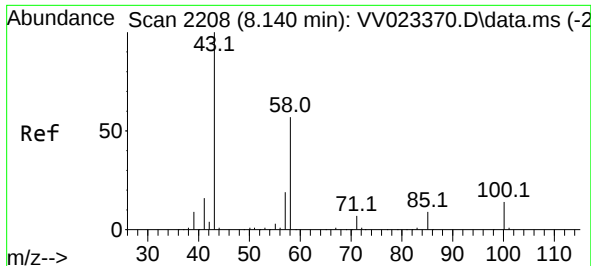
Tgt Ion: 91 Resp: 2467

Ion Ratio Lower Upper

91 100

92 66.4 39.3 72.9

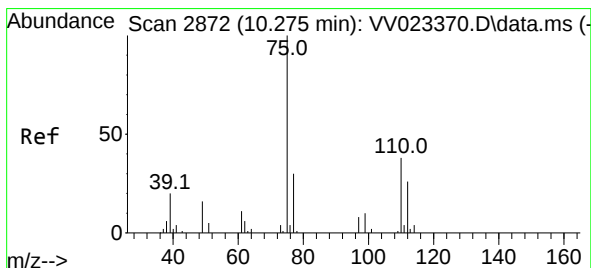
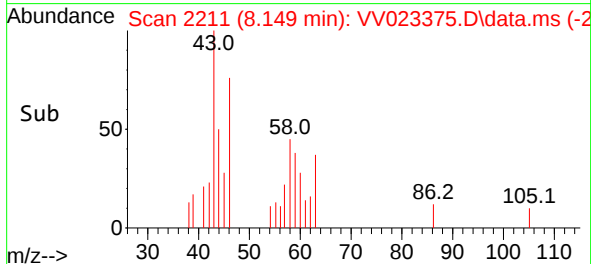
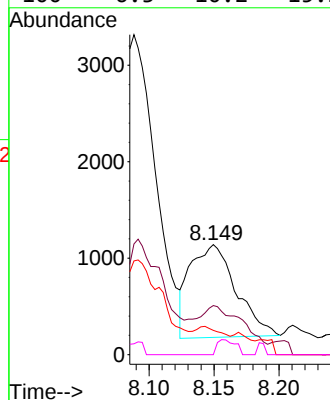
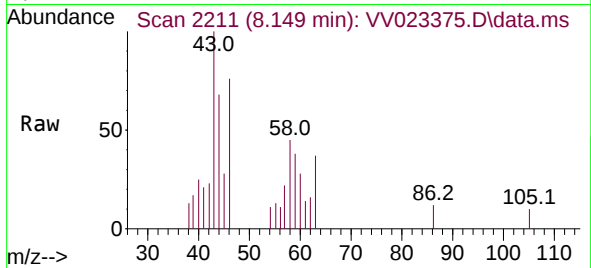




#48
2-Hexanone
Concen: 0.977 ug/L
RT: 8.149 min Scan# 2175
Delta R.T. 0.010 min
Lab File: VV023375.D
Acq: 11 Nov 2021 09:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43	Resp:	2375
Ion Ratio	Lower	Upper
43	100	
58	47.8	43.7 65.5
57	0.0	14.1 21.1#
100	6.3	10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.592 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023375.D
Acq: 11 Nov 2021 09:56

Tgt Ion: 75	Resp:	5922
Ion Ratio	Lower	Upper
75	100	
77	34.5	26.6 39.8
110	3.6	31.8 47.6#

