

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121721\
 Data File : VW024055.D
 Acq On : 17 Dec 2021 11:31
 Operator : SY/MD
 Sample : M5090-11DL 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 18 01:44:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 18 01:42:59 2021
 Response via : Initial Calibration

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

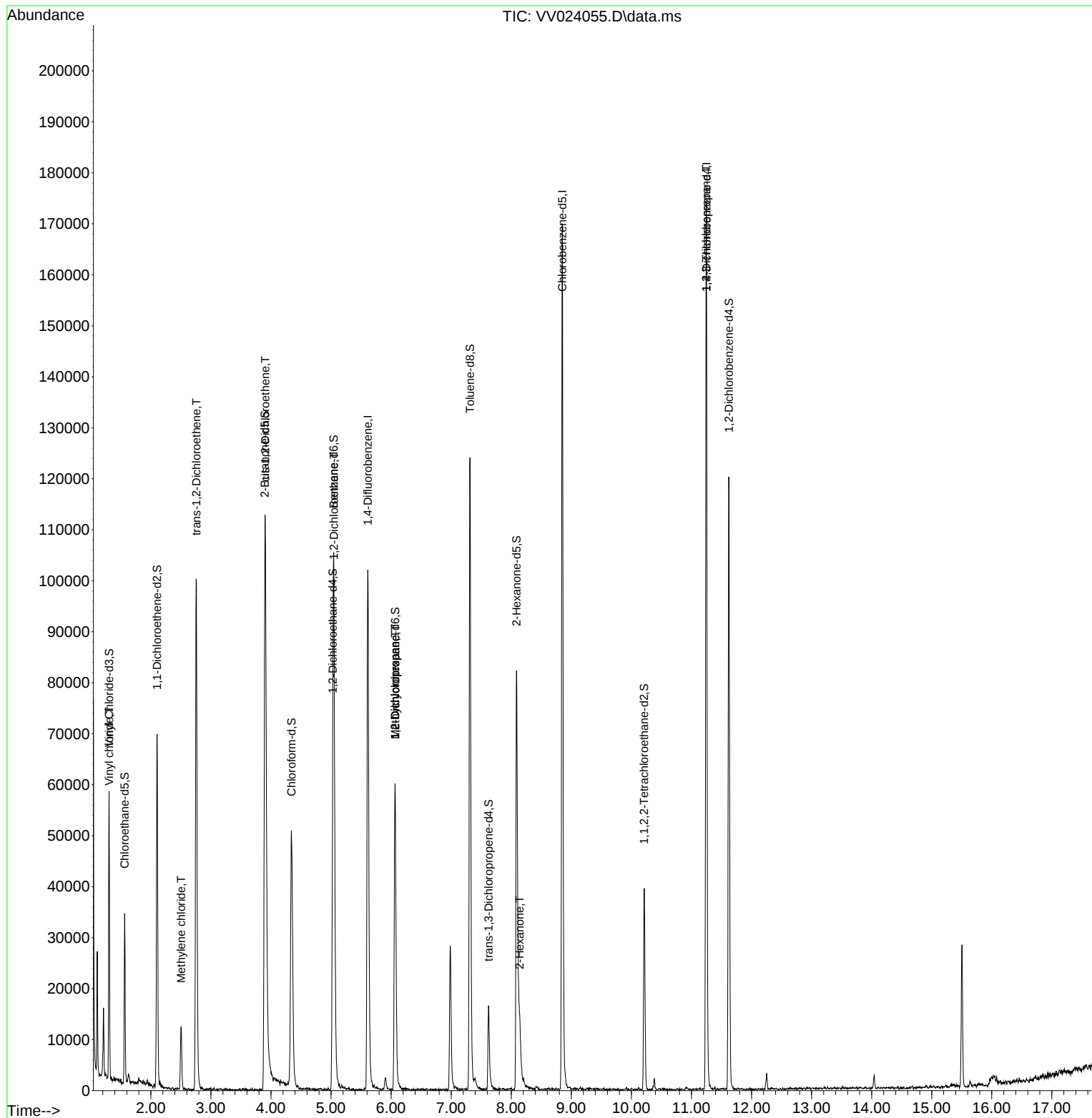
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	92409	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	96322	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47076	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	21995	4.427	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.565	69	19043	4.594	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.105	63	35135	3.623	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	3.899	46	27933	28.780	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	57.560%
24) Chloroform-d	4.343	84	52004	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.027	65	24625	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.043	84	94689	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.066	67	26985	4.688	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.313	98	83623	4.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	7.622	79	10378	4.346	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.088	63	32263	30.182	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.360%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	18995	3.978	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	32295	5.136	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
5) Vinyl chloride	1.307	62	6890	0.924	ug/L	97
16) Methylene chloride	2.503	84	5250	0.647	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	39131	5.702	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	56485	7.775	ug/L	99
27) 1,2-Dichloroethane	5.050	62	698	0.094	ug/L #	73
35) Methylcyclohexane	6.066	83	7111	0.629	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	3167	0.489	ug/L #	84
48) 2-Hexanone	8.140	43	3033	1.345	ug/L #	84
61) 1,2,3-Trichloropropane	11.246	75	4868	1.518	ug/L #	65

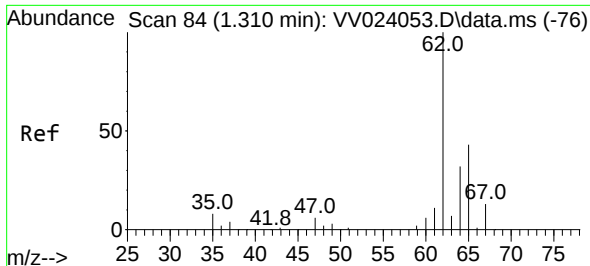
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
ClientSampleId :

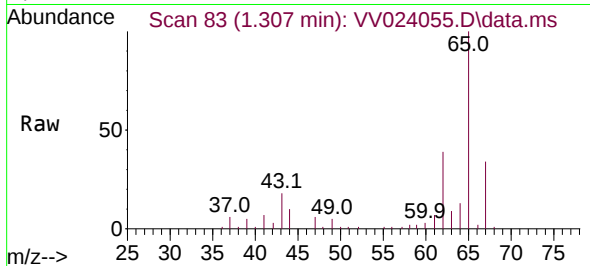
Quant Time: Dec 18 01:44:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
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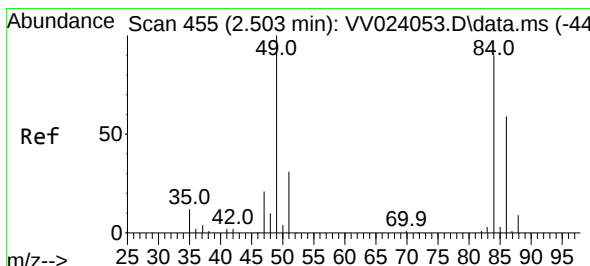
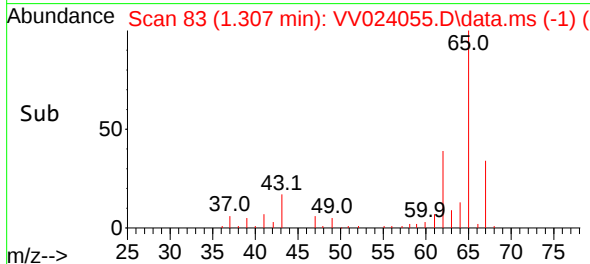
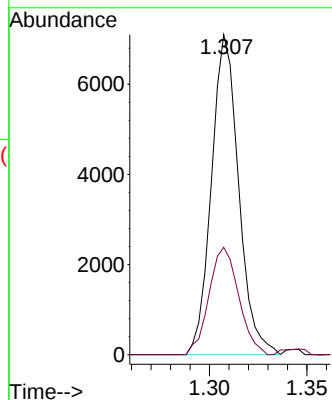


#5
 Vinyl chloride
 Concen: 0.924 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV024055.D
 Acq: 17 Dec 2021 11:31

Instrument :
 MSVOA_V
 ClientSampleId :

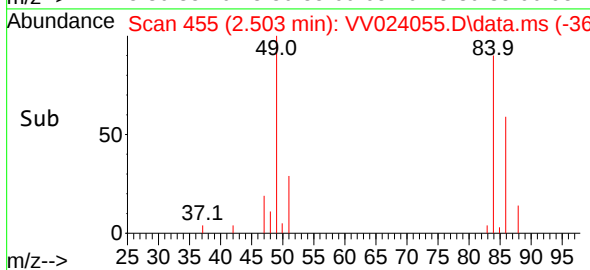
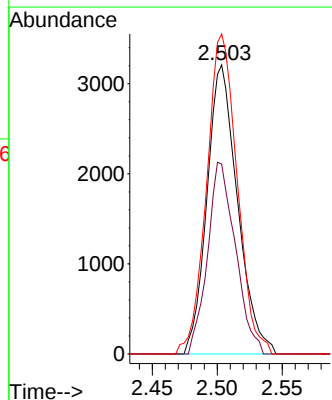
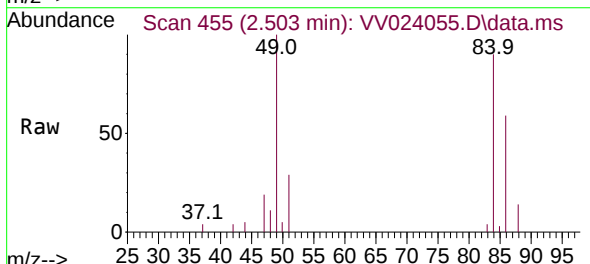


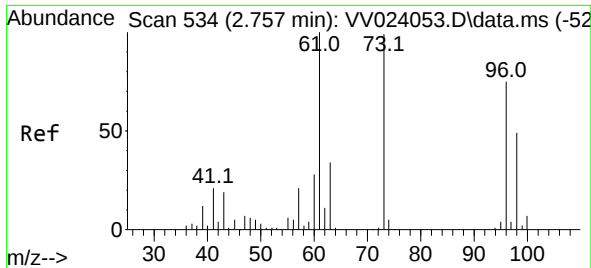
Tgt Ion: 62 Resp: 6890
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.4 41.6



#16
 Methylene chloride
 Concen: 0.647 ug/L
 RT: 2.503 min Scan# 455
 Delta R.T. 0.000 min
 Lab File: VV024055.D
 Acq: 17 Dec 2021 11:31

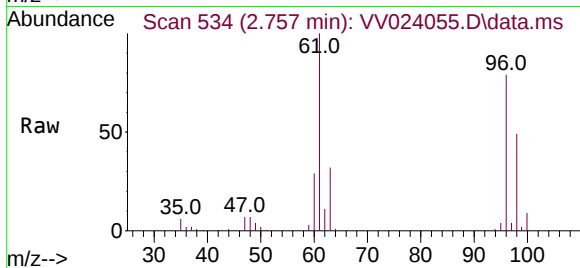
Tgt Ion: 84 Resp: 5250
 Ion Ratio Lower Upper
 84 100
 86 65.7 42.6 79.0
 49 110.7 79.7 147.9





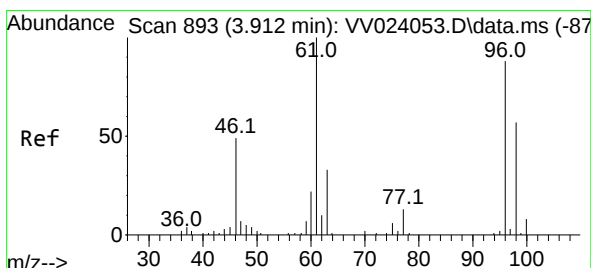
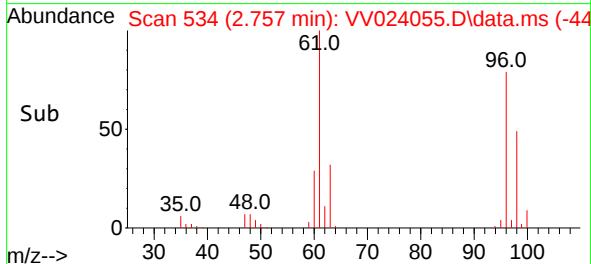
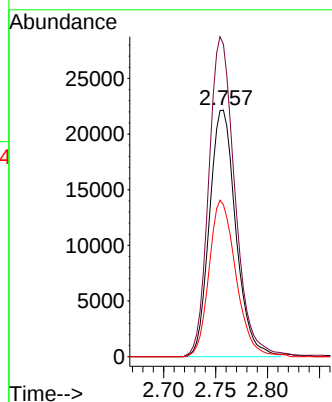
#18
 trans-1,2-Dichloroethene
 Concen: 5.702 ug/L
 RT: 2.757 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VV024055.D
 Acq: 17 Dec 2021 11:31

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 39131

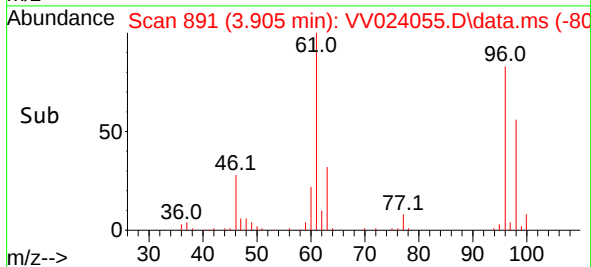
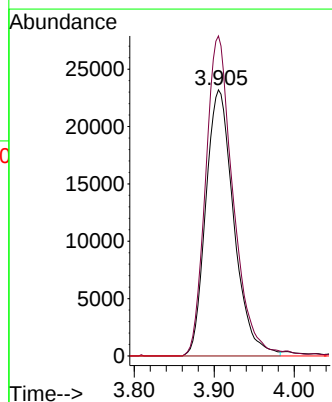
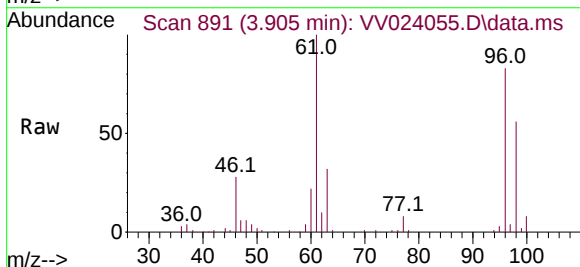
Ion	Ratio	Lower	Upper
96	100		
61	126.7	88.2	163.8
98	61.6	44.9	83.5

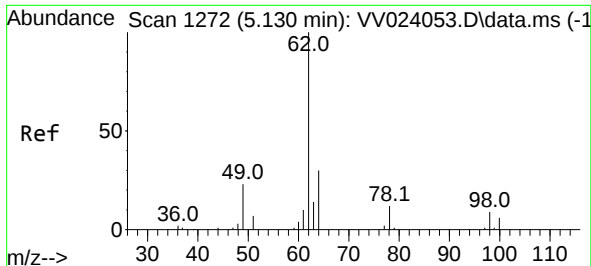


#22
 cis-1,2-Dichloroethene
 Concen: 7.775 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.006 min
 Lab File: VV024055.D
 Acq: 17 Dec 2021 11:31

Tgt Ion: 96 Resp: 56485

Ion	Ratio	Lower	Upper
96	100		
61	120.2	83.4	154.8
68	0.0	0.0	0.0





#27

1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV024055.D

Acq: 17 Dec 2021 11:31

Instrument :

MSVOA_V

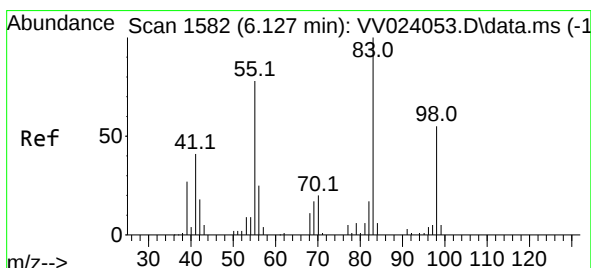
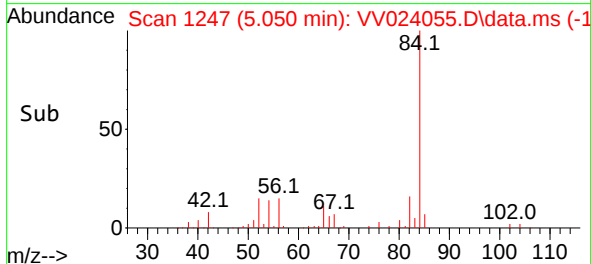
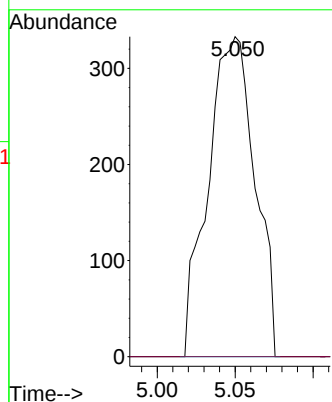
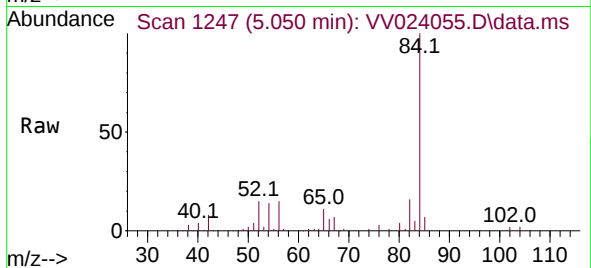
ClientSampleId :

Tgt Ion: 62 Resp: 698

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#35

Methylcyclohexane

Concen: 0.629 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV024055.D

Acq: 17 Dec 2021 11:31

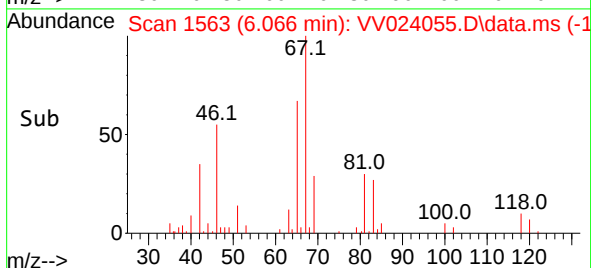
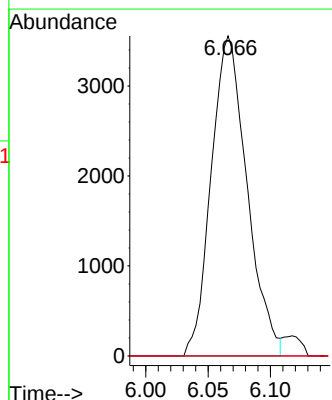
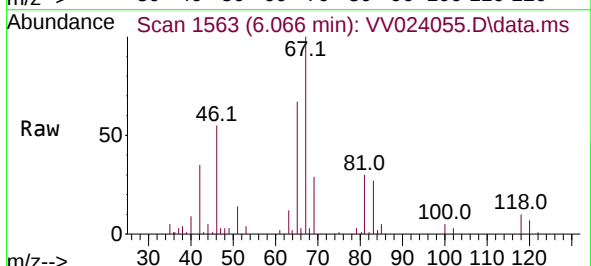
Tgt Ion: 83 Resp: 7111

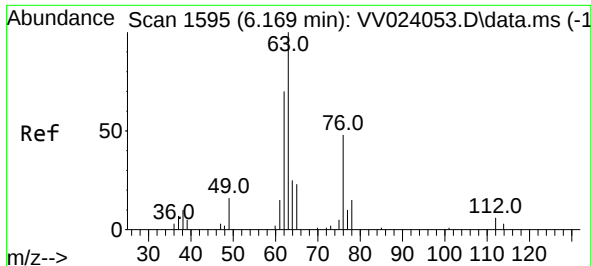
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 1.4 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.489 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV024055.D

Acq: 17 Dec 2021 11:31

Instrument :

MSVOA_V

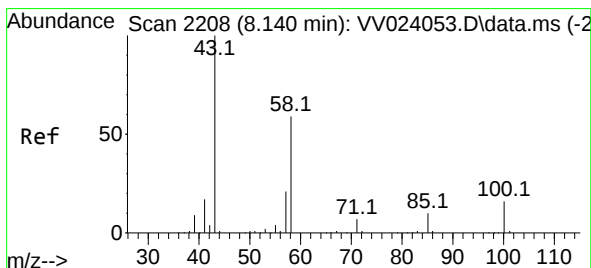
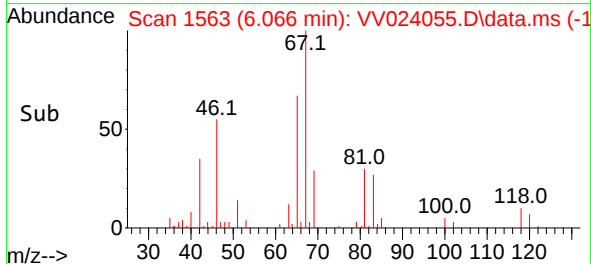
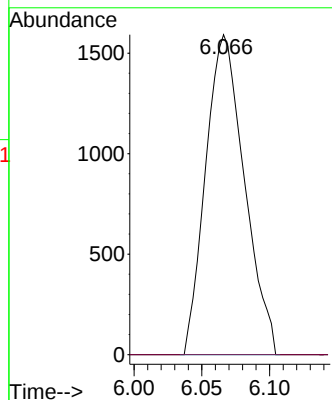
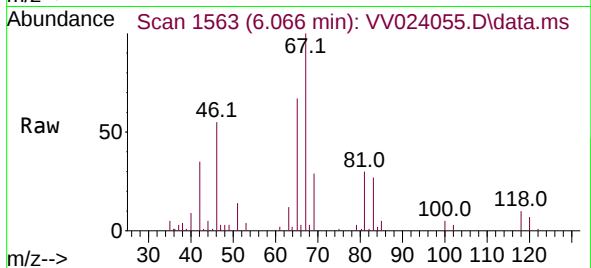
ClientSampleId :

Tgt Ion: 63 Resp: 3167

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#48

2-Hexanone

Concen: 1.345 ug/L

RT: 8.140 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VV024055.D

Acq: 17 Dec 2021 11:31

Tgt Ion: 43 Resp: 3033

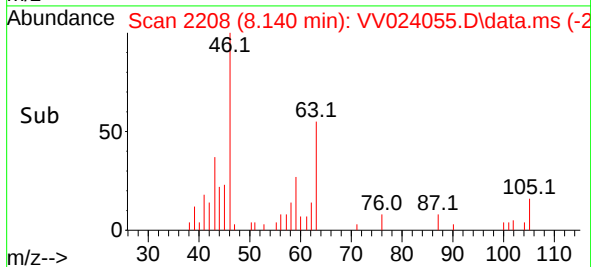
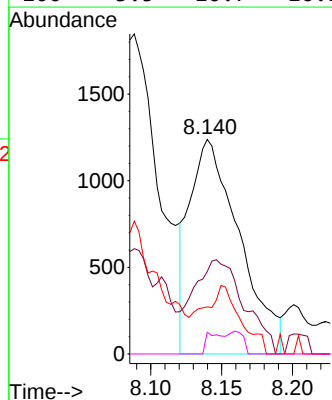
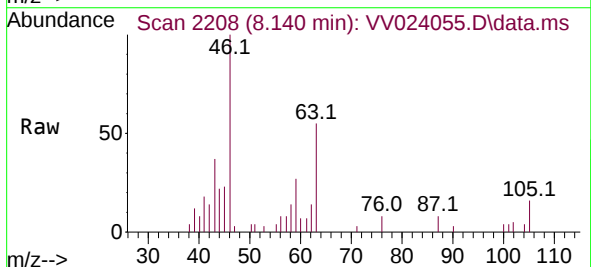
Ion Ratio Lower Upper

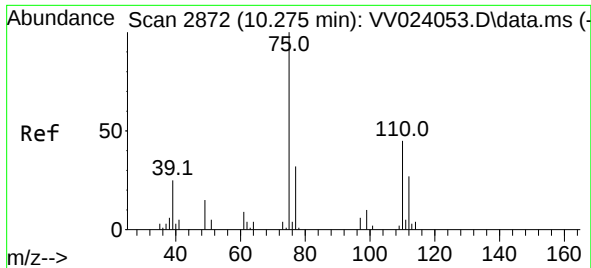
43 100

58 44.7 44.5 66.7

57 24.2 15.1 22.7#

100 3.5 10.7 16.1#





#61

1,2,3-Trichloropropane

Concen: 1.518 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.971 min

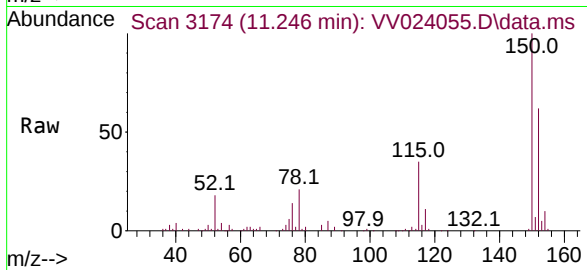
Lab File: VV024055.D

Acq: 17 Dec 2021 11:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 4868

Ion Ratio Lower Upper

75 100

77 33.5 26.4 39.6

110 3.7 34.2 51.2#

