

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121721\
 Data File : VW024073.D
 Acq On : 17 Dec 2021 18:40
 Operator : SY/MD
 Sample : M5133-05DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 18 01:48:21 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)

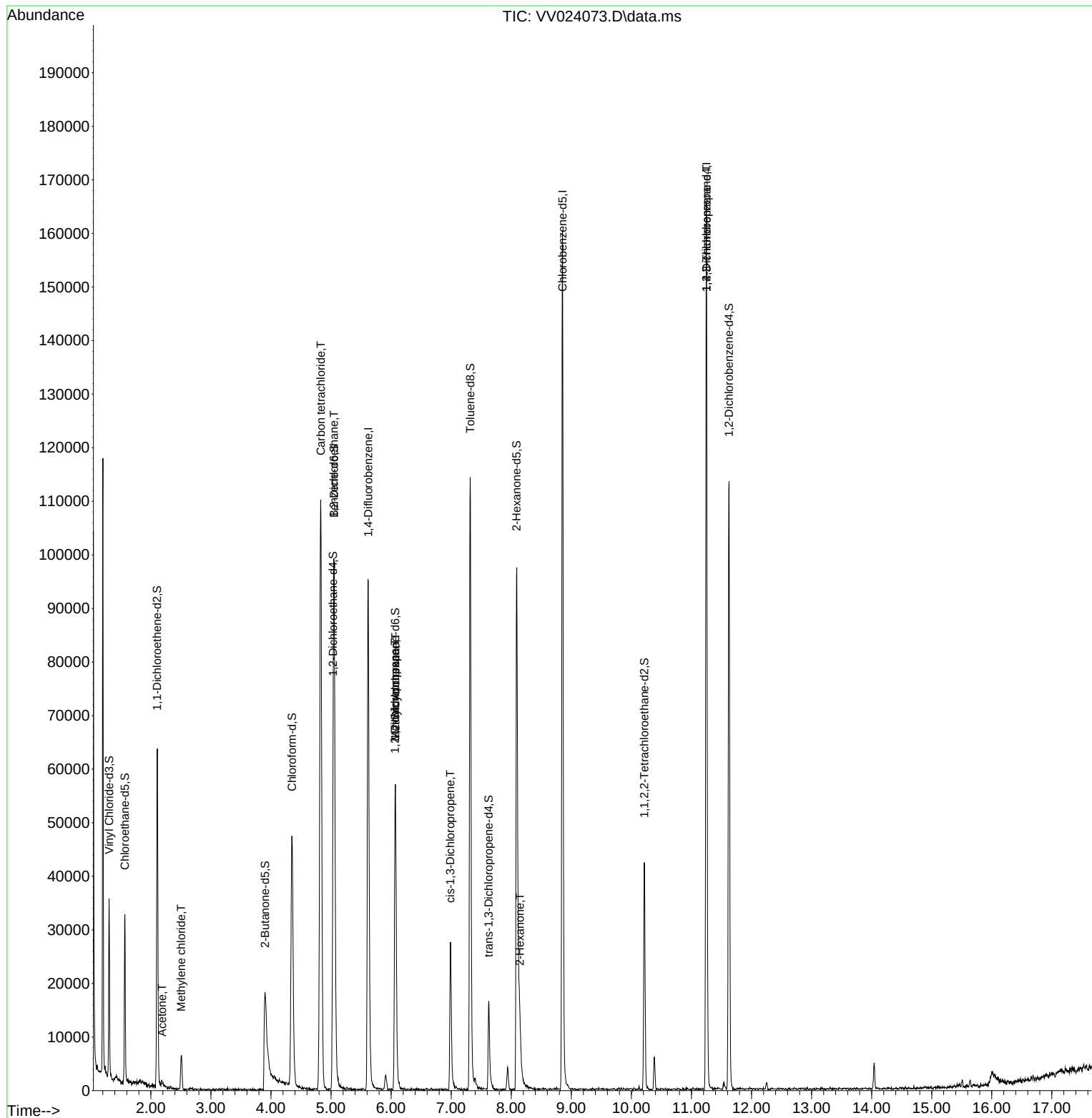
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	84923	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	91652	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	45801	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	20113	4.406	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.568	69	18190	4.775	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.105	63	32136	3.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	3.902	46	36064	40.433	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.860%
24) Chloroform-d	4.349	84	49582	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.034	65	25378	5.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.050	84	87857	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.069	67	26665	4.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.317	98	77811	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	7.625	79	10416	4.584	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.088	63	37230	36.604	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.200%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	18459	4.063	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	31215	5.102	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						Qvalue
13) Acetone	2.185	43	1654	2.318	ug/L	70
16) Methylene chloride	2.507	84	2909	0.390	ug/L	84
27) 1,2-Dichloroethane	5.050	62	583	0.086	ug/L #	73
31) Carbon tetrachloride	4.828	117	79250	7.031	ug/L	99
35) Methylcyclohexane	6.072	83	6928	0.644	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	3159	0.513	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	871	0.095	ug/L	89
48) 2-Hexanone	8.143	43	3839	1.789	ug/L #	83
61) 1,2,3-Trichloropropane	11.249	75	4680	1.500	ug/L #	65

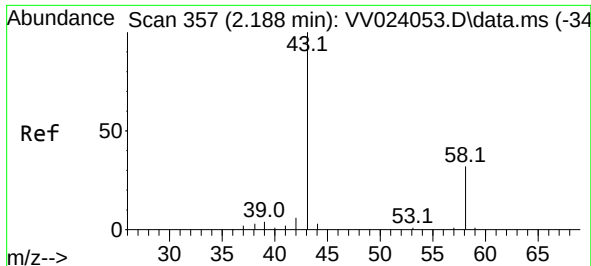
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 18 01:42:59 2021
Response via : Initial Calibration





#13

Acetone

Concen: 2.318 ug/L

RT: 2.185 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV024073.D

Acq: 17 Dec 2021 18:40

Instrument :

MSVOA_V

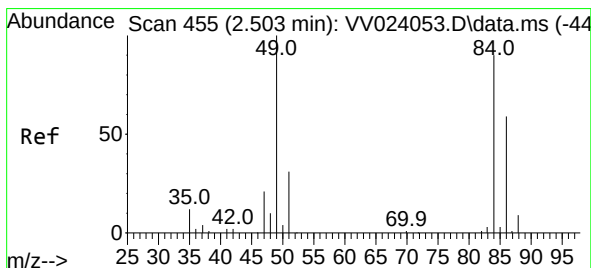
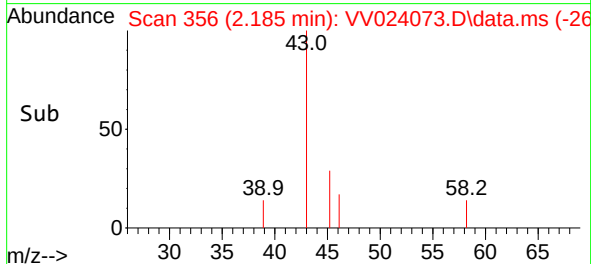
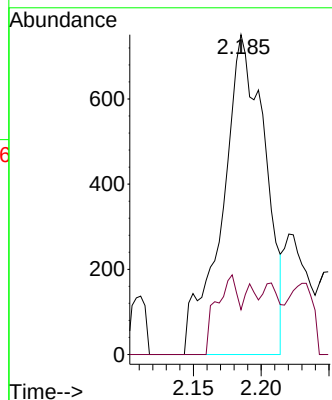
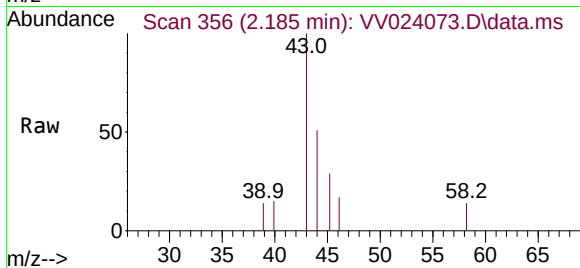
ClientSampleId :

Tgt Ion: 43 Resp: 1654

Ion Ratio Lower Upper

43 100

58 6.8 0.0 41.4



#16

Methylene chloride

Concen: 0.390 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.003 min

Lab File: VV024073.D

Acq: 17 Dec 2021 18:40

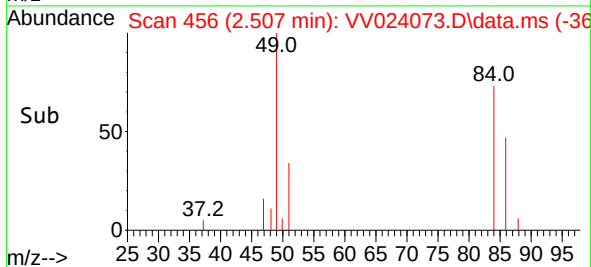
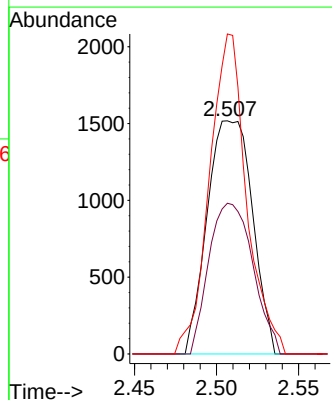
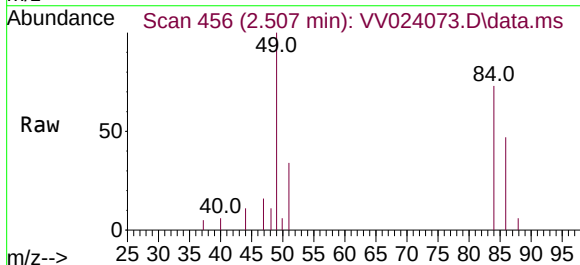
Tgt Ion: 84 Resp: 2909

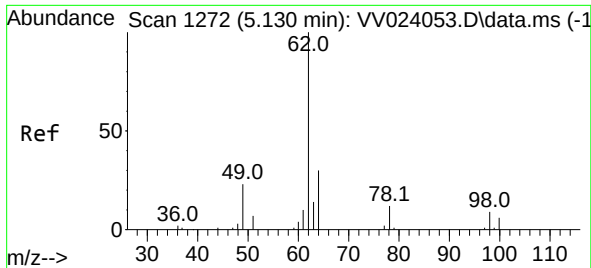
Ion Ratio Lower Upper

84 100

86 64.6 42.6 79.0

49 137.2 79.7 147.9

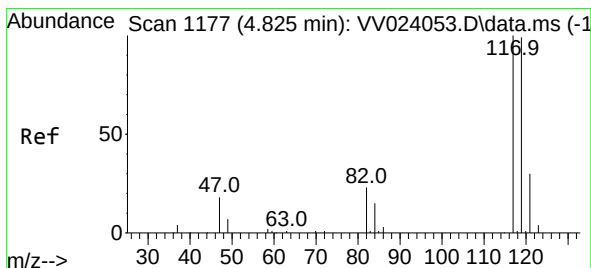
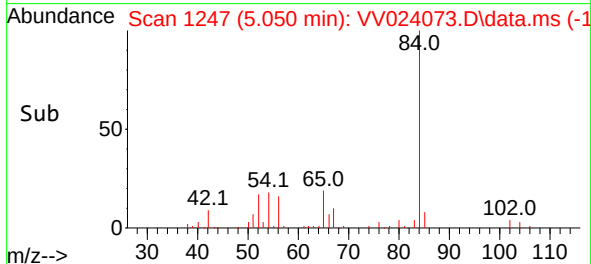
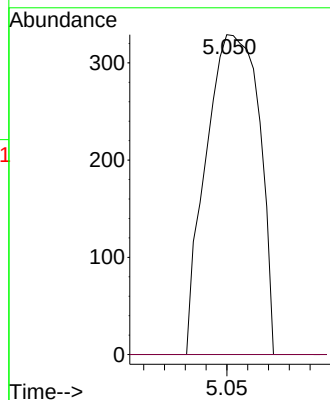
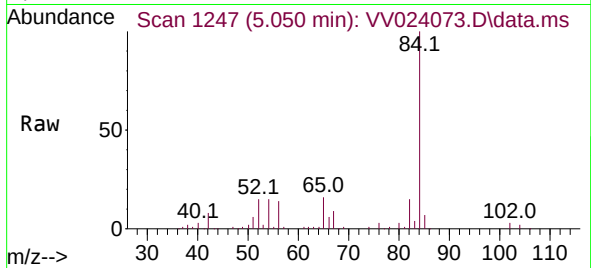




#27
1,2-Dichloroethane
Concen: 0.086 ug/L
RT: 5.050 min Scan# 117
Delta R.T. -0.080 min
Lab File: VV024073.D
Acq: 17 Dec 2021 18:40

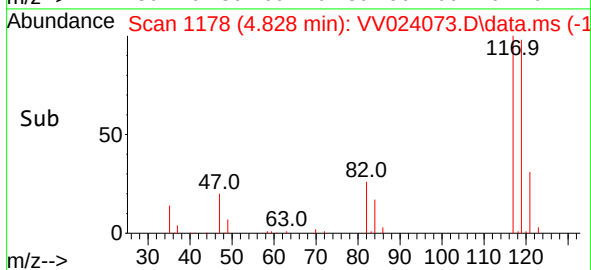
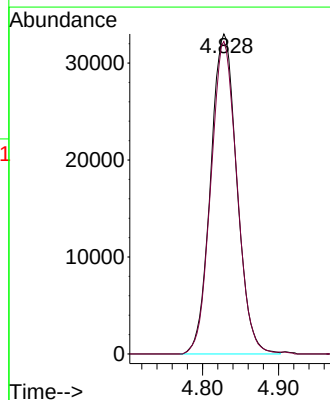
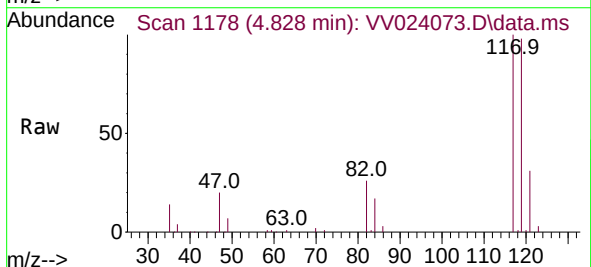
Instrument :
MSVOA_V
ClientSampleId :

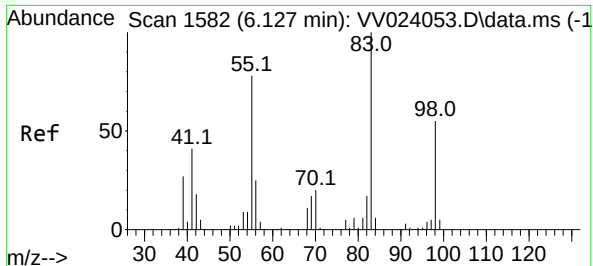
Tgt Ion: 62 Resp: 583
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#



#31
Carbon tetrachloride
Concen: 7.031 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV024073.D
Acq: 17 Dec 2021 18:40

Tgt Ion: 117 Resp: 79250
Ion Ratio Lower Upper
117 100
119 96.8 76.6 114.8





#35

Methylcyclohexane

Concen: 0.644 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV024073.D

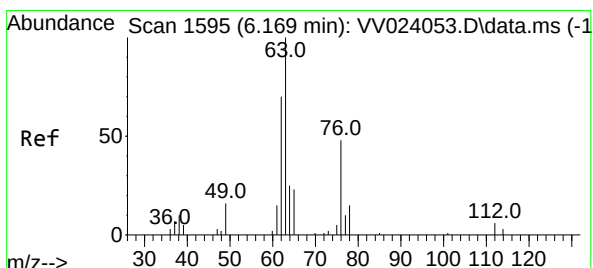
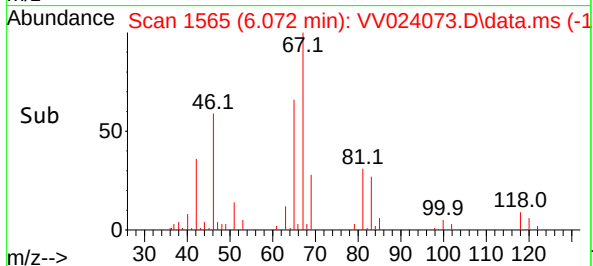
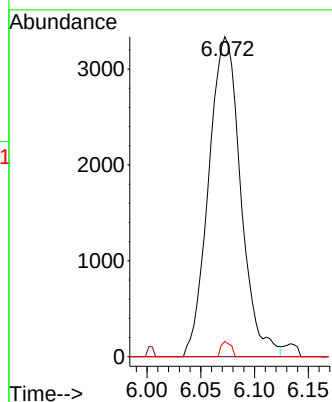
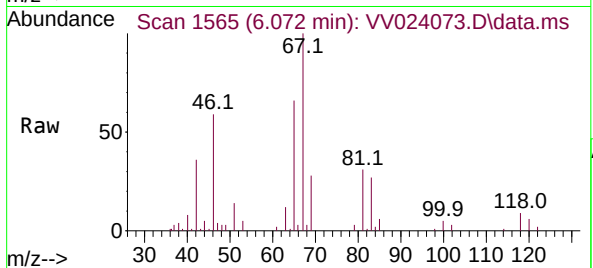
Acq: 17 Dec 2021 18:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 6928
Ion Ratio	Lower Upper
83	100
55	0.6 60.2 90.2#
98	1.5 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.513 ug/L

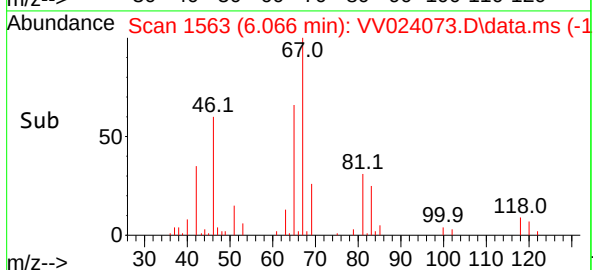
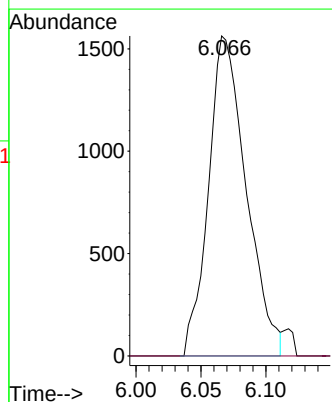
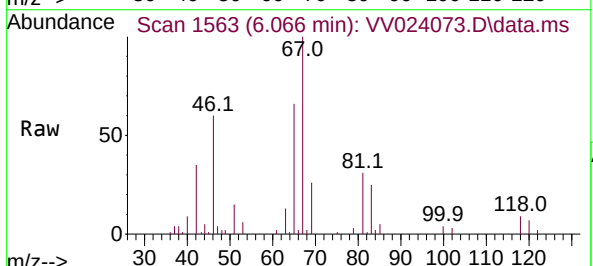
RT: 6.066 min Scan# 1563

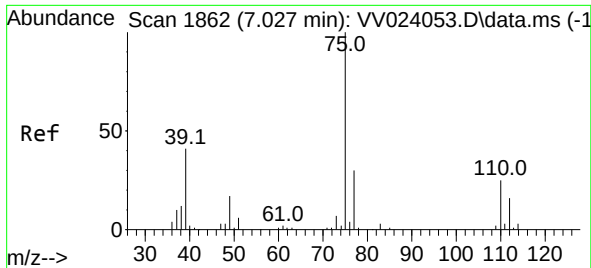
Delta R.T. -0.103 min

Lab File: VV024073.D

Acq: 17 Dec 2021 18:40

Tgt Ion: 63	Resp: 3159
Ion Ratio	Lower Upper
63	100
112	0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV024073.D

Acq: 17 Dec 2021 18:40

Instrument :

MSVOA_V

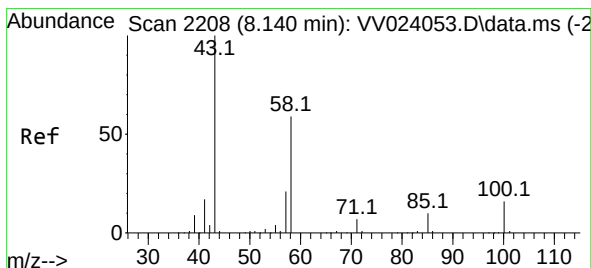
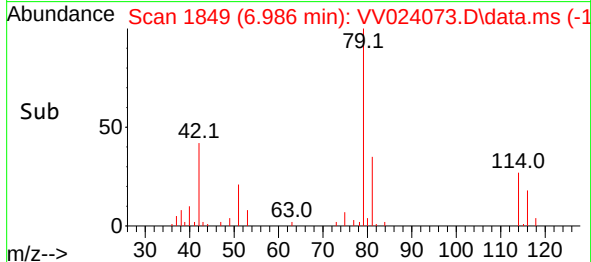
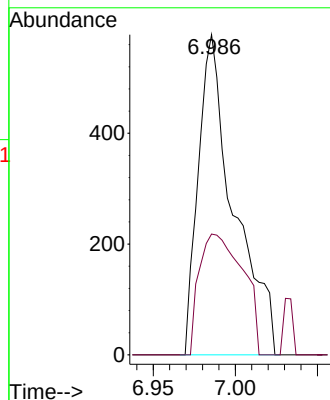
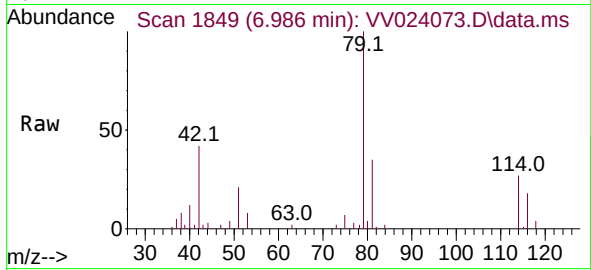
ClientSampleId :

Tgt Ion: 75 Resp: 871

Ion Ratio Lower Upper

75 100

77 37.7 22.0 41.0



#48

2-Hexanone

Concen: 1.789 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VV024073.D

Acq: 17 Dec 2021 18:40

Tgt Ion: 43 Resp: 3839

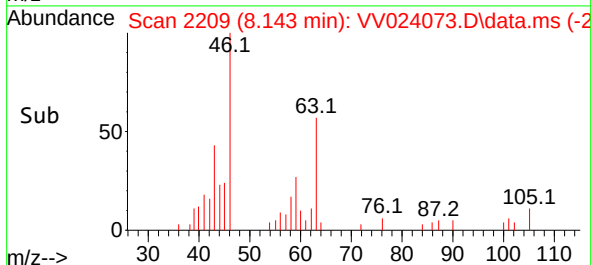
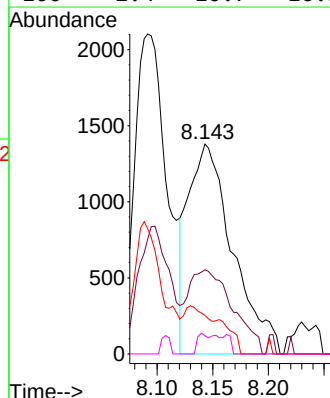
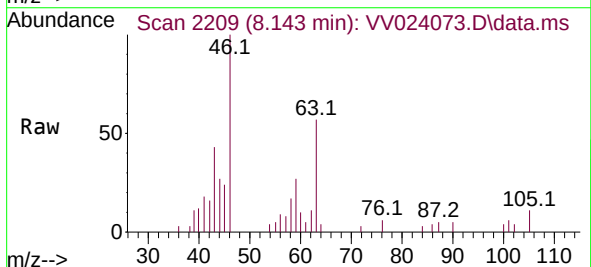
Ion Ratio Lower Upper

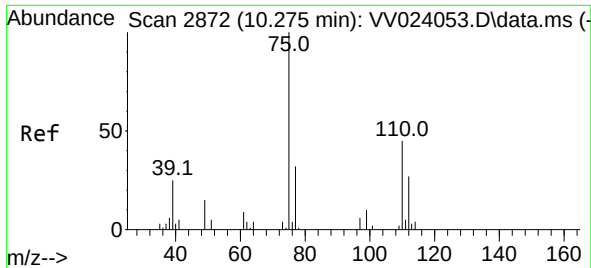
43 100

58 40.6 44.5 66.7#

57 18.5 15.1 22.7

100 2.4 10.7 16.1#





#61

1,2,3-Trichloropropane

Concen: 1.500 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

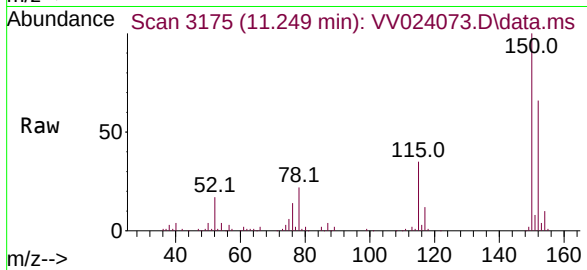
Lab File: VV024073.D

Acq: 17 Dec 2021 18:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75	Resp:	4680
Ion	Ratio	Lower Upper
75	100	
77	31.6	26.4 39.6
110	4.1	34.2 51.2#

