

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024100.D
 Acq On : 19 Dec 2021 19:50
 Operator : SY/MD
 Sample : M5148-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 01:39:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 01:35:07 2021
 Response via : Initial Calibration

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

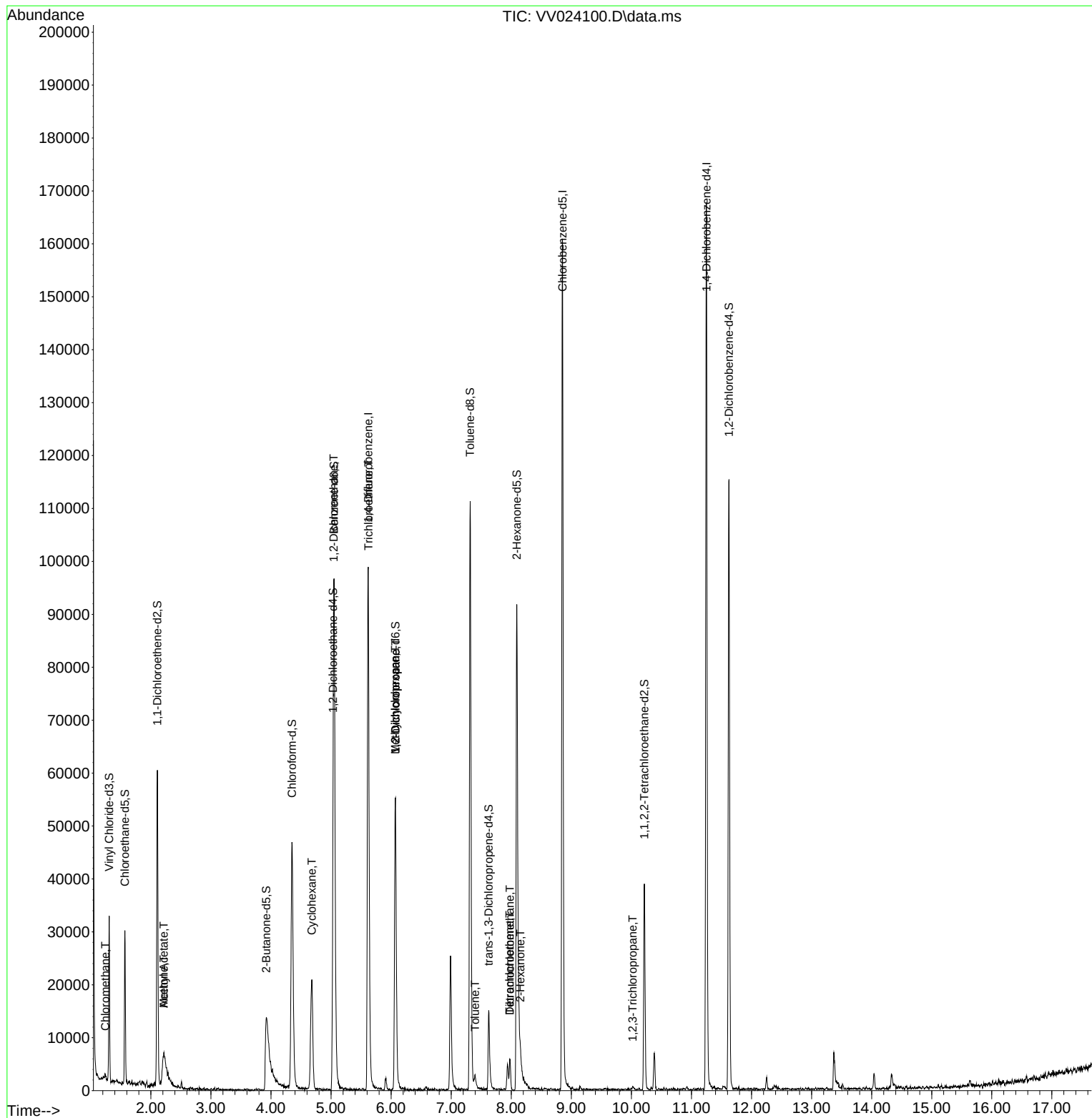
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	89665	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	90687	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	45906	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	18254	3.787	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.568	69	17301	4.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.108	63	30818	3.275	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.921	46	32766	34.793	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.580%
24) Chloroform-d	4.349	84	47141	4.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.034	65	23019	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.050	84	87537	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.072	67	25655	4.734	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.317	98	75441	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.625	79	9519	4.234	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.092	63	33377	33.165	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	17729	3.944	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	30878	5.036	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	404	0.061	ug/L #	73
13) Acetone	2.217	43	8351	11.084	ug/L	61
15) Methyl Acetate	2.217	43	8350	4.572	ug/L #	50
27) 1,2-Dichloroethane	5.043	62	495	0.069	ug/L #	73
30) Cyclohexane	4.680	56	10134	1.077	ug/L	98
34) Trichloroethene	5.622	95	1520	0.210	ug/L #	1
35) Methylcyclohexane	6.069	83	6845	0.643	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	3111	0.510	ug/L #	84
42) Toluene	7.400	91	2033	0.070	ug/L	81
47) Tetrachloroethene	7.976	164	1258	0.197	ug/L	90
48) 2-Hexanone	8.153	43	2738	1.289	ug/L #	56
49) Dibromochloromethane	7.979	129	1130	0.184	ug/L #	11
61) 1,2,3-Trichloropropane	10.021	75	227	0.073	ug/L #	37

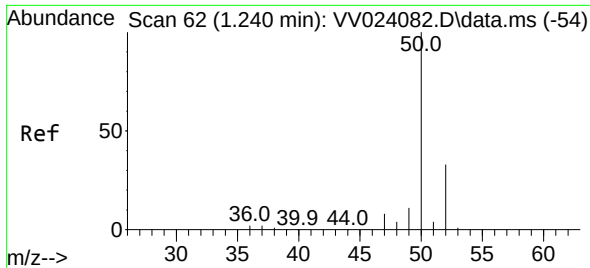
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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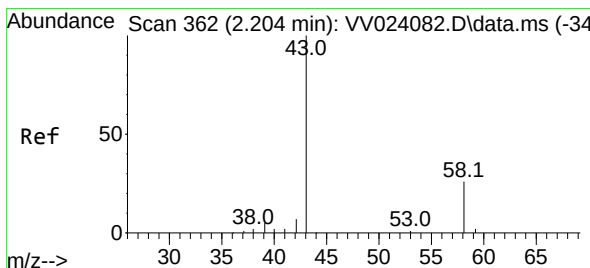
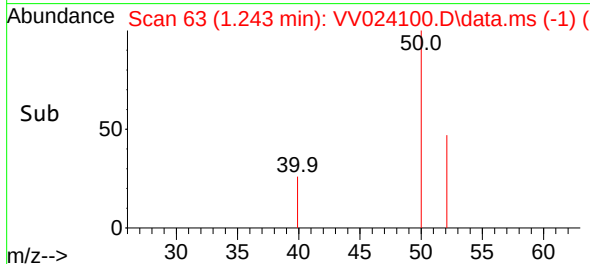
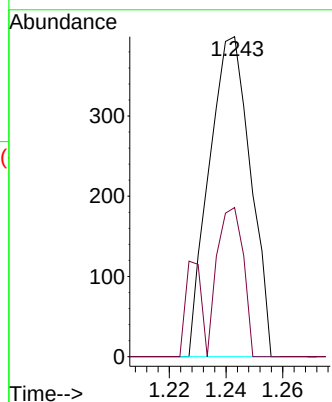
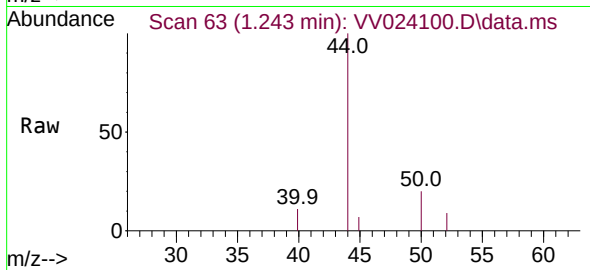




#3
Chloromethane
Concen: 0.061 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV024100.D
Acq: 19 Dec 2021 19:50

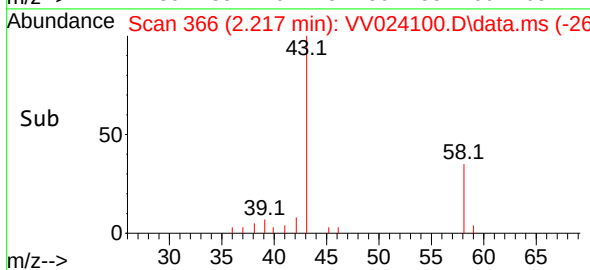
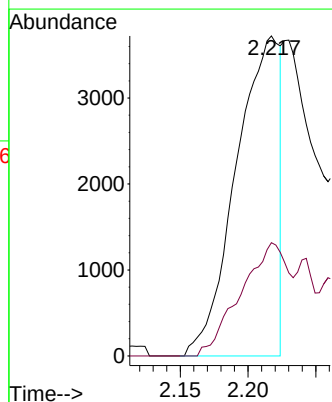
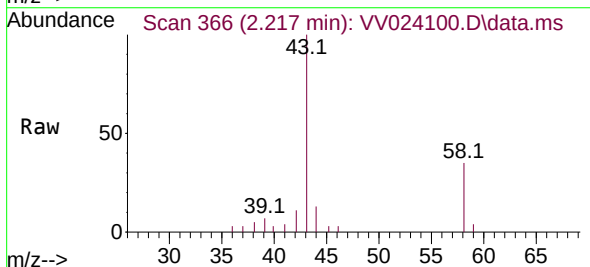
Instrument :
MSVOA_V
ClientSampleId :

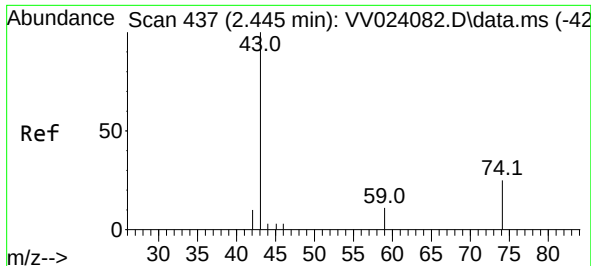
Tgt Ion: 50 Resp: 404
Ion Ratio Lower Upper
50 100
52 46.6 22.0 41.0#



#13
Acetone
Concen: 11.084 ug/L
RT: 2.217 min Scan# 366
Delta R.T. 0.013 min
Lab File: VV024100.D
Acq: 19 Dec 2021 19:50

Tgt Ion: 43 Resp: 8351
Ion Ratio Lower Upper
43 100
58 38.6 0.0 41.4

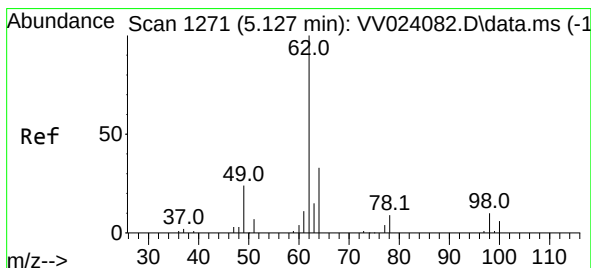
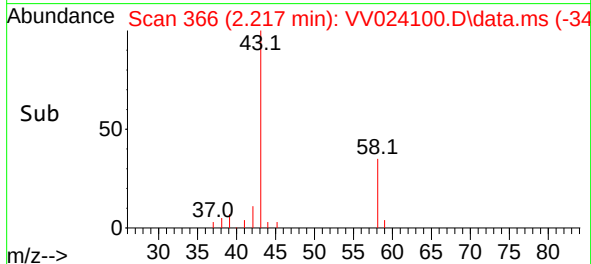
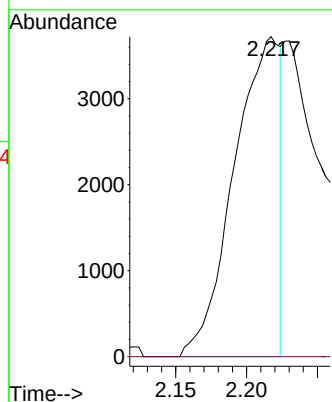
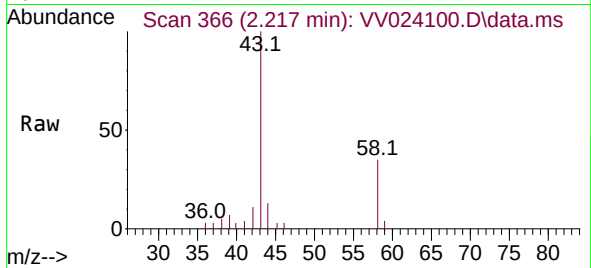




#15
Methyl Acetate
Concen: 4.572 ug/L
RT: 2.217 min Scan# 30
Delta R.T. -0.228 min
Lab File: VV024100.D
Acq: 19 Dec 2021 19:50

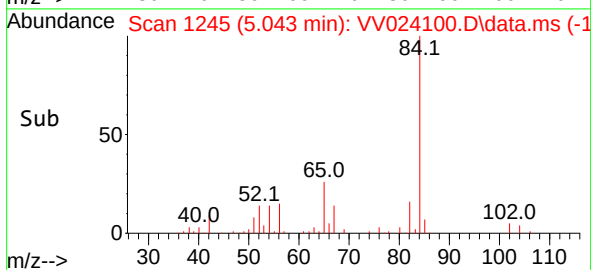
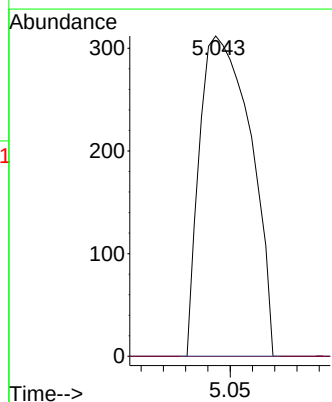
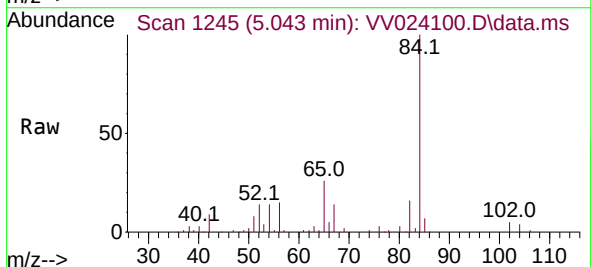
Instrument :
MSVOA_V
ClientSampleId :

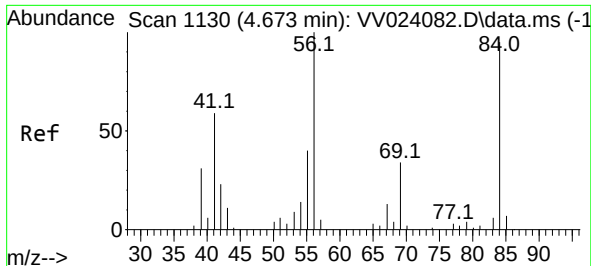
Tgt Ion: 43 Resp: 8350
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#27
1,2-Dichloroethane
Concen: 0.069 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.083 min
Lab File: VV024100.D
Acq: 19 Dec 2021 19:50

Tgt Ion: 62 Resp: 495
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#

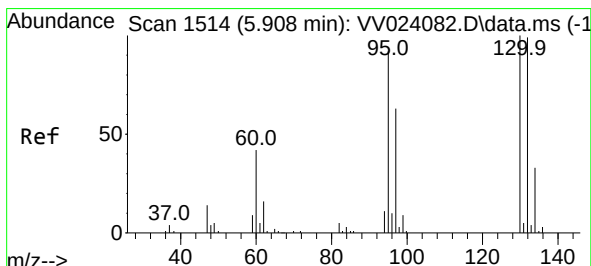
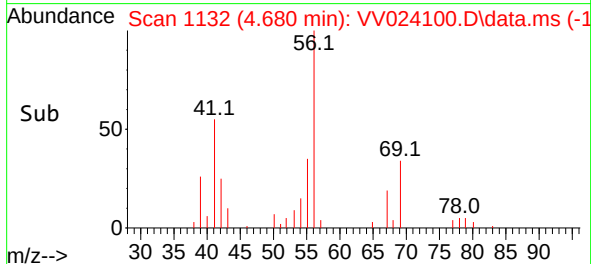
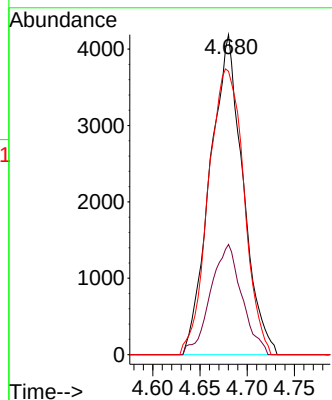
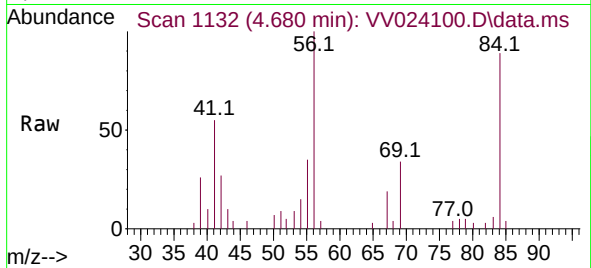




#30
Cyclohexane
Concen: 1.077 ug/L
RT: 4.680 min Scan# 1130
Delta R.T. 0.007 min
Lab File: VV024100.D
Acq: 19 Dec 2021 19:50

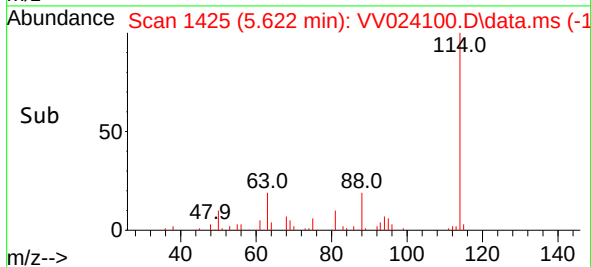
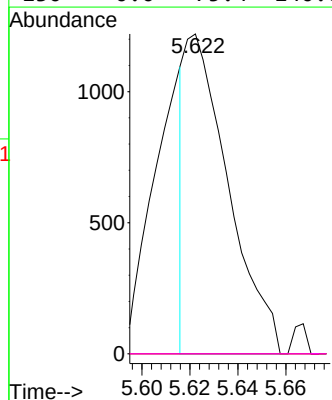
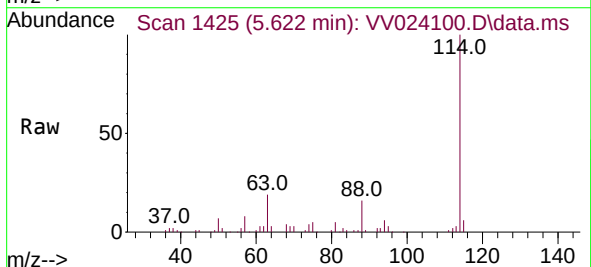
Instrument :
MSVOA_V
ClientSampleId :

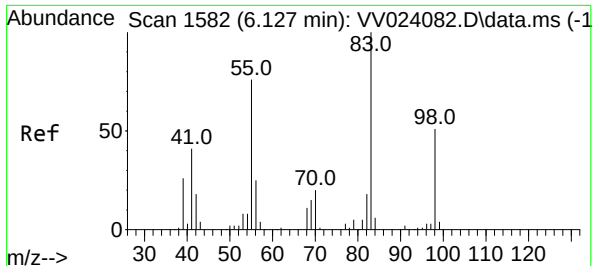
Tgt Ion: 56 Resp: 10134
Ion Ratio Lower Upper
56 100
69 32.8 24.8 37.2
84 96.3 75.9 113.9



#34
Trichloroethene
Concen: 0.210 ug/L
RT: 5.622 min Scan# 1425
Delta R.T. -0.286 min
Lab File: VV024100.D
Acq: 19 Dec 2021 19:50

Tgt Ion: 95 Resp: 1520
Ion Ratio Lower Upper
95 100
97 0.0 45.2 84.0#
132 0.0 76.1 141.3#
130 0.0 75.4 140.0#





#35

Methylcyclohexane

Concen: 0.643 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV024100.D

Acq: 19 Dec 2021 19:50

Instrument :

MSVOA_V

ClientSampleId :

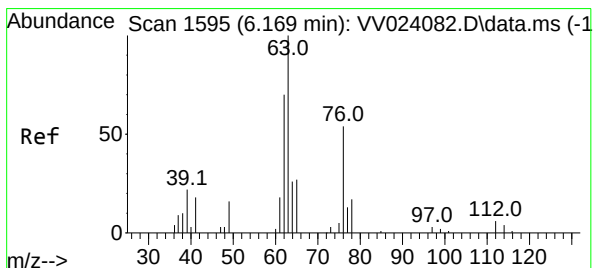
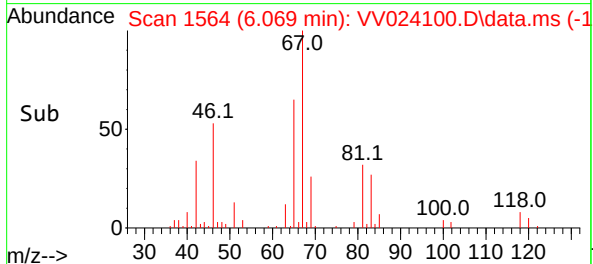
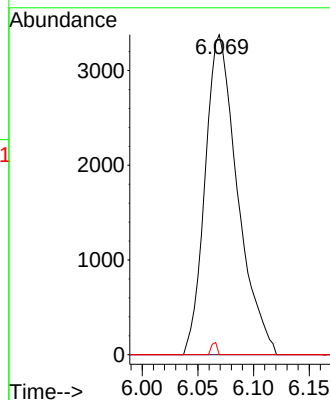
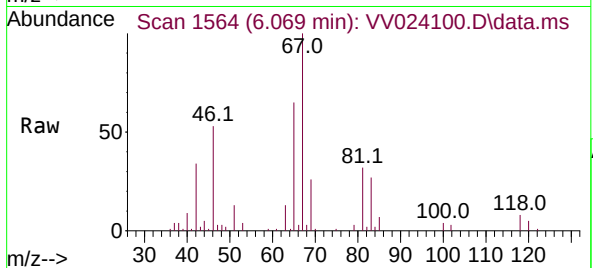
Tgt Ion: 83 Resp: 6845

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 0.7 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.510 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.096 min

Lab File: VV024100.D

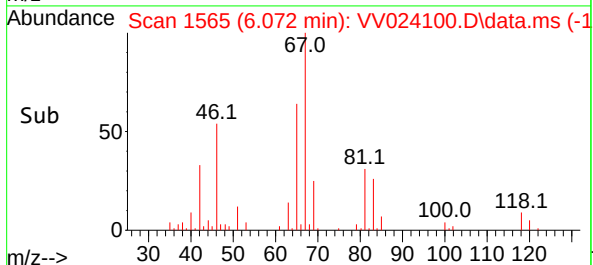
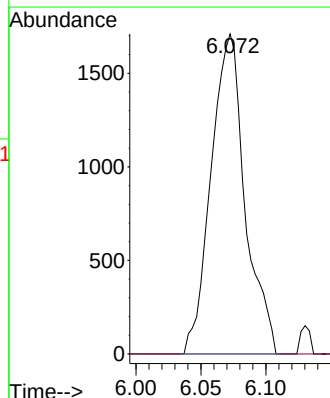
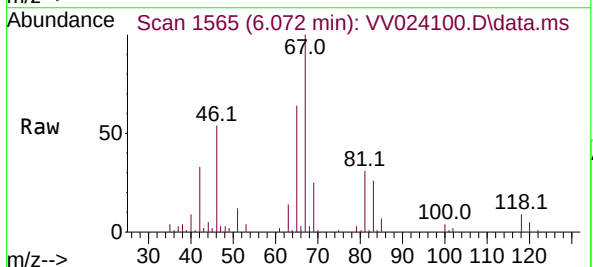
Acq: 19 Dec 2021 19:50

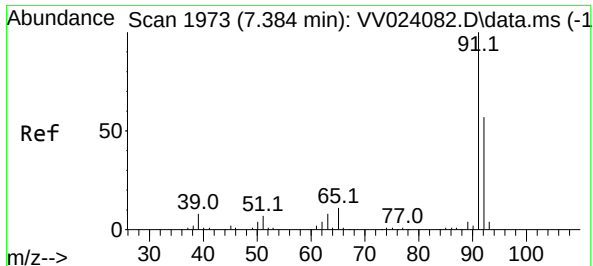
Tgt Ion: 63 Resp: 3111

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#





#42

Toluene

Concen: 0.070 ug/L

RT: 7.400 min Scan# 1973

Delta R.T. 0.016 min

Lab File: VV024100.D

Acq: 19 Dec 2021 19:50

Instrument :

MSVOA_V

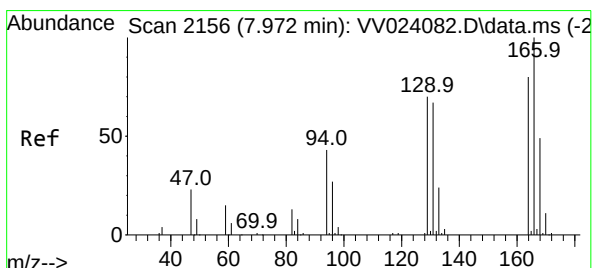
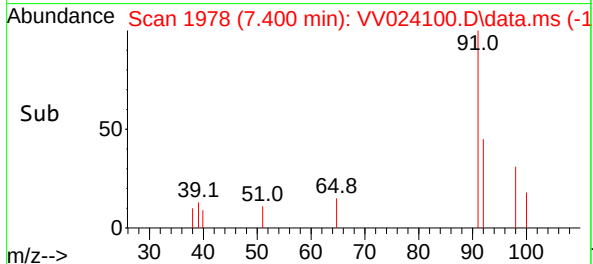
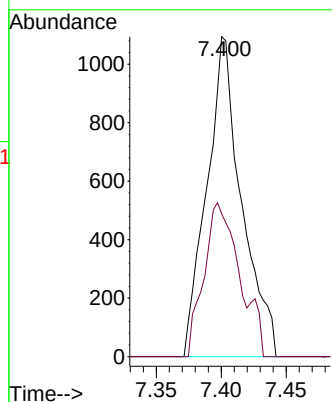
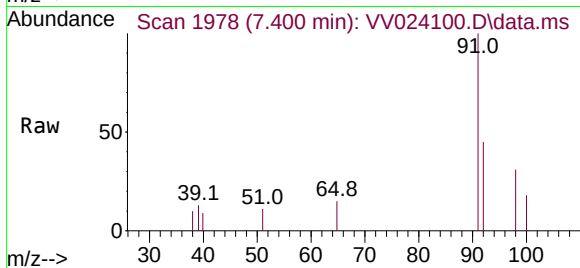
ClientSampleId :

Tgt Ion: 91 Resp: 2033

Ion Ratio Lower Upper

91 100

92 44.7 41.5 77.1



#47

Tetrachloroethene

Concen: 0.197 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024100.D

Acq: 19 Dec 2021 19:50

Tgt Ion: 164 Resp: 1258

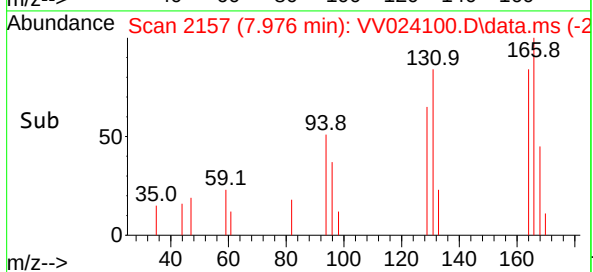
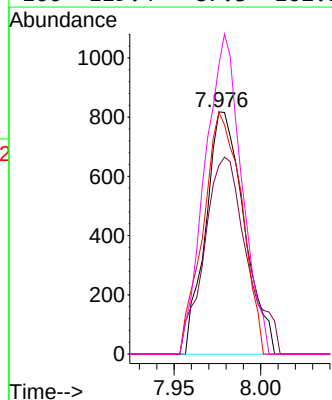
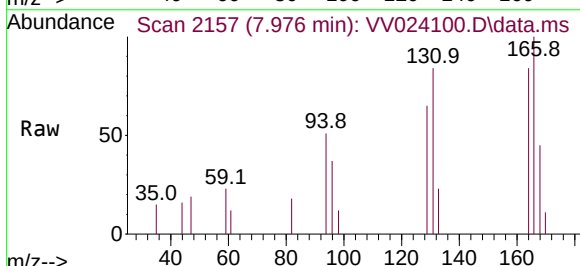
Ion Ratio Lower Upper

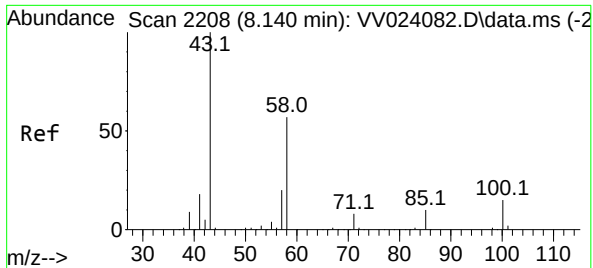
164 100

129 77.9 62.6 116.2

131 99.9 61.0 113.4

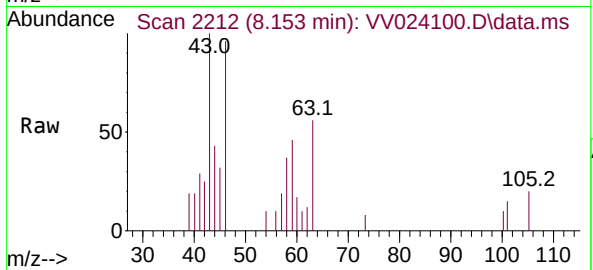
166 119.4 87.3 162.1



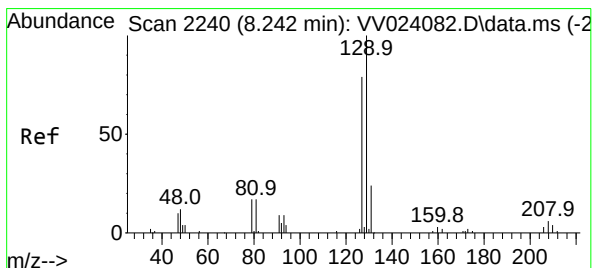
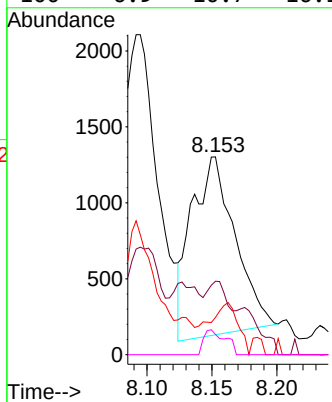
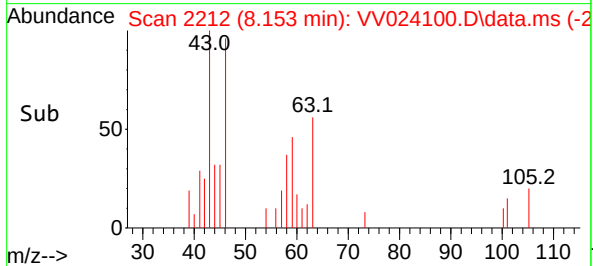


#48
2-Hexanone
Concen: 1.289 ug/L
RT: 8.153 min Scan# 2158
Delta R.T. 0.013 min
Lab File: VV024100.D
Acq: 19 Dec 2021 19:50

Instrument :
MSVOA_V
ClientSampleId :

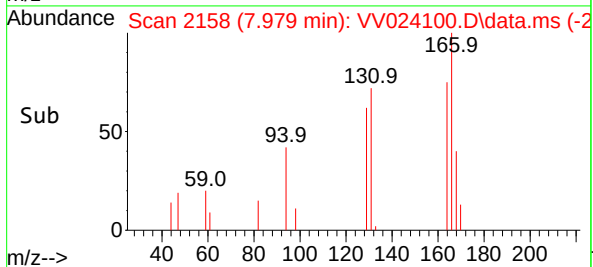
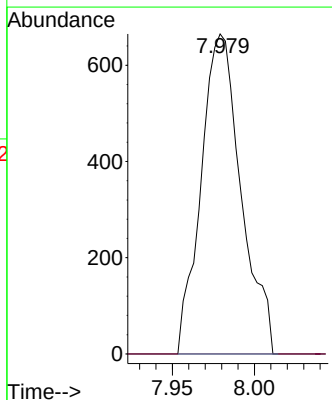
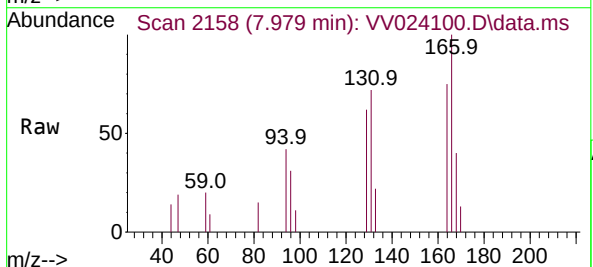


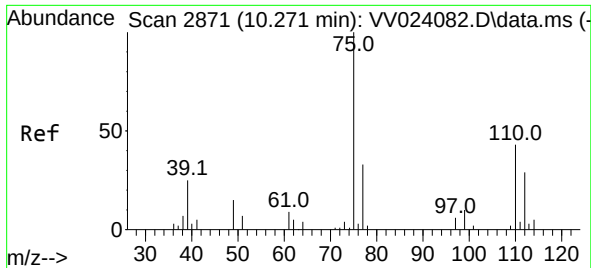
Tgt Ion: 43	Resp: 2738
Ion Ratio	Lower Upper
43 100	
58 8.0	44.5 66.7#
57 18.7	15.1 22.7
100 6.9	10.7 16.1#



#49
Dibromochloromethane
Concen: 0.184 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.263 min
Lab File: VV024100.D
Acq: 19 Dec 2021 19:50

Tgt Ion:129	Resp:	1130	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.3#





#61

1,2,3-Trichloropropane

Concen: 0.073 ug/L

RT: 10.021 min Scan# 21

Delta R.T. -0.251 min

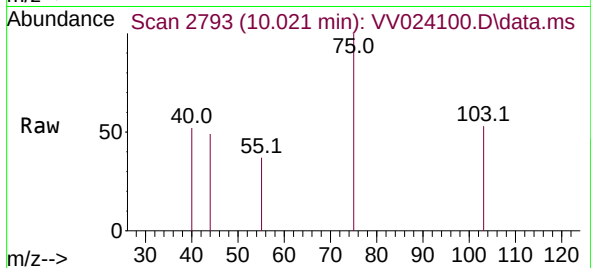
Lab File: VV024100.D

Acq: 19 Dec 2021 19:50

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 227

Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#

110 0.0 34.2 51.2#

