

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121421\
 Data File : VW023973.D
 Acq On : 14 Dec 2021 17:24
 Operator : SY/MD
 Sample : M5006-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW213DL

Quant Time: Dec 15 01:40:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

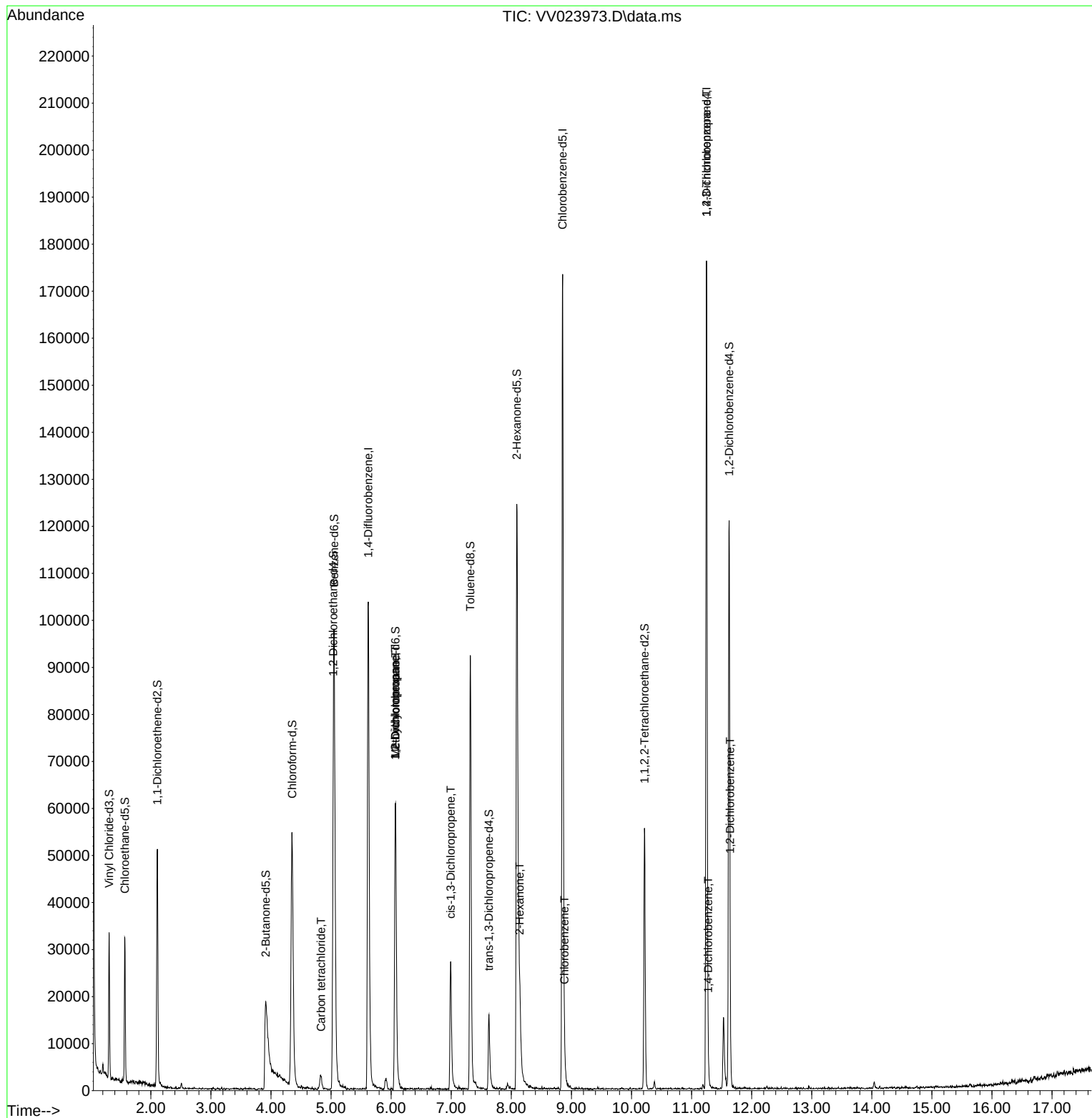
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	92249	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	100079	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47234	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	18515	3.733	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.568	69	18387	4.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.108	63	25888	2.674	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.400%#
20) 2-Butanone-d5	3.912	46	45214	46.666	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.340%
24) Chloroform-d	4.352	84	55154	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.037	65	27732	5.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.050	84	83529	4.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.072	67	28992	4.848	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.317	98	63804	3.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	7.625	79	9548	3.848	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.091	63	53049	47.765	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24506	4.940	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	31869	5.051	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
31) Carbon tetrachloride	4.834	117	2158	0.175	ug/L	98
35) Methylcyclohexane	6.072	83	7556	0.643	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	3568	0.530	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	831	0.083	ug/L	92
48) 2-Hexanone	8.140	43	2281	0.973	ug/L #	44
51) Chlorobenzene	8.886	112	2389	0.112	ug/L #	81
61) 1,2,3-Trichloropropane	11.249	75	5088	1.581	ug/L #	61
65) 1,4-Dichlorobenzene	11.278	146	1463	0.103	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	1834	0.141	ug/L #	87

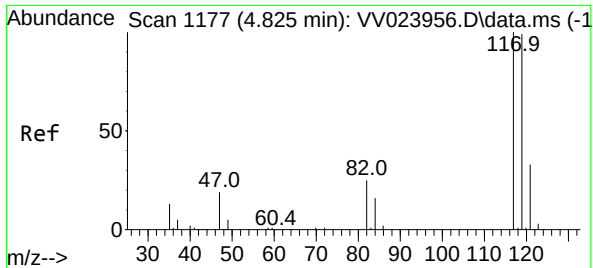
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121421\
Data File : VV023973.D
Acq On : 14 Dec 2021 17:24
Operator : SY/MD
Sample : M5006-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW213DL

Quant Time: Dec 15 01:40:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 11 04:33:17 2021
Response via : Initial Calibration

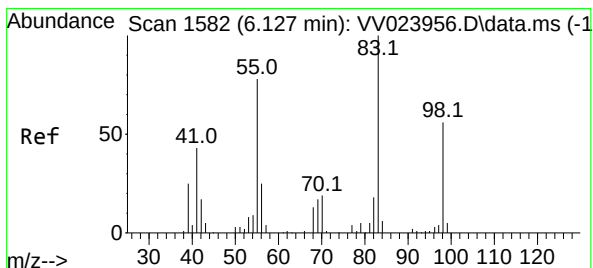
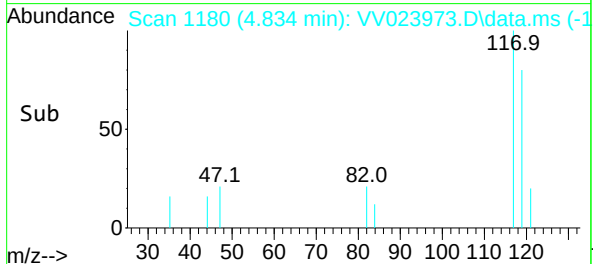
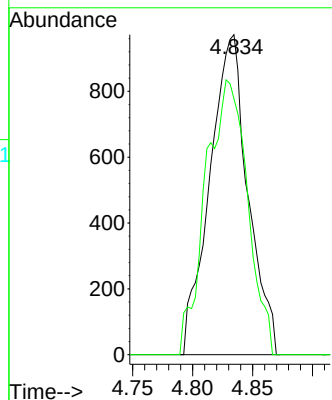
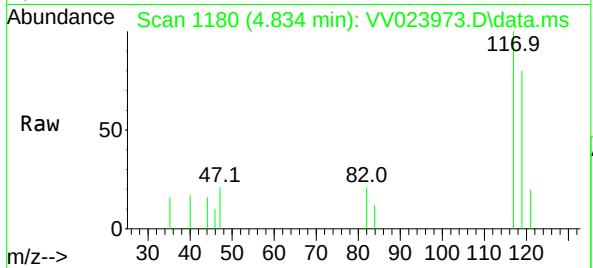




#31
Carbon tetrachloride
Concen: 0.175 ug/L
RT: 4.834 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VV023973.D
Acq: 14 Dec 2021 17:24

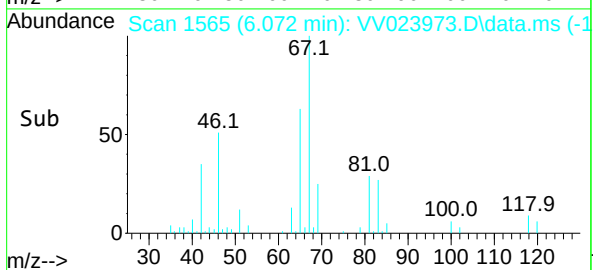
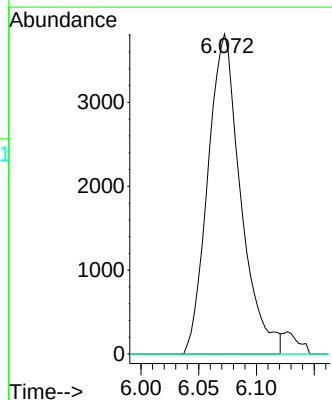
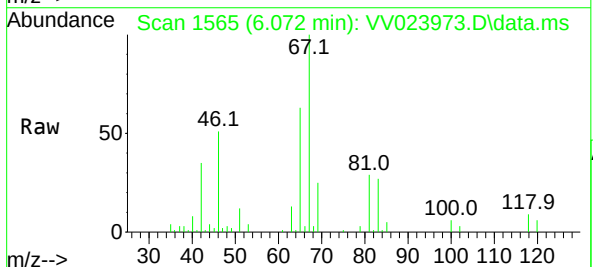
Instrument :
MSVOA_V
ClientSampleId :
EW213DL

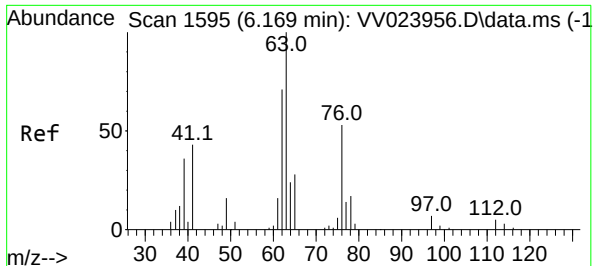
Tgt Ion: 117 Resp: 2158
Ion Ratio Lower Upper
117 100
119 93.6 76.6 114.8



#35
Methylcyclohexane
Concen: 0.643 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023973.D
Acq: 14 Dec 2021 17:24

Tgt Ion: 83 Resp: 7556
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: 0.530 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023973.D

Acq: 14 Dec 2021 17:24

Instrument :

MSVOA_V

ClientSampleId :

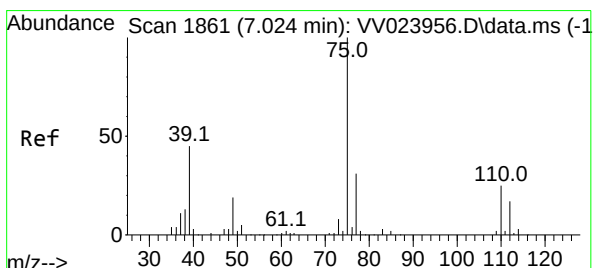
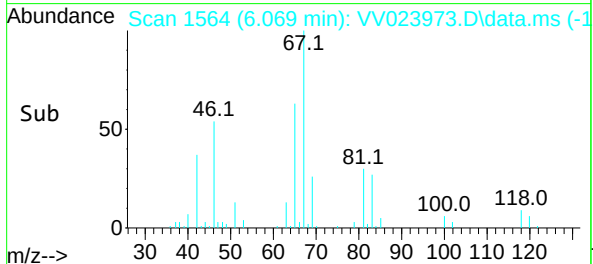
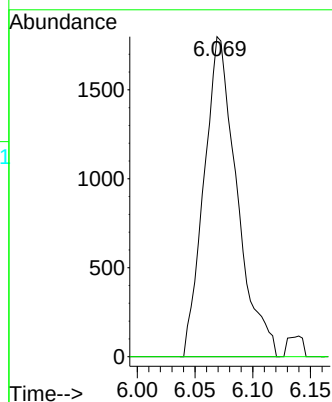
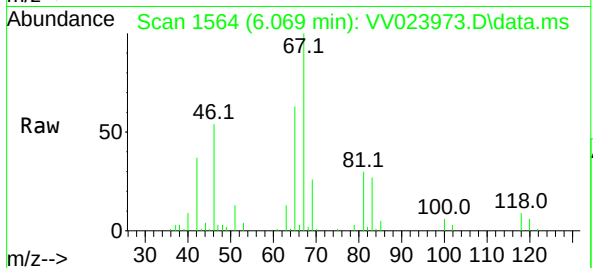
EW213DL

Tgt Ion: 63 Resp: 3568

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV023973.D

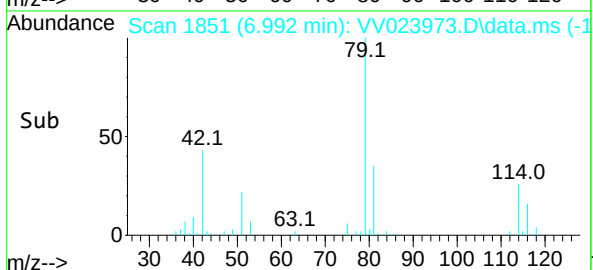
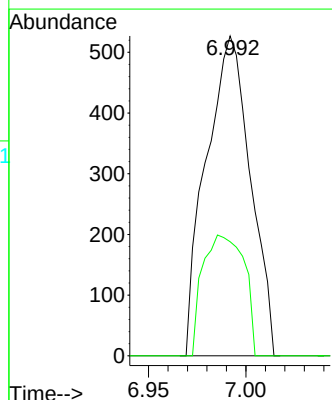
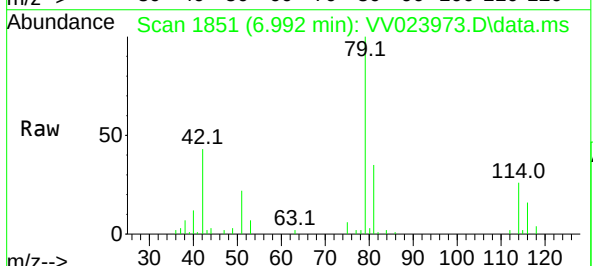
Acq: 14 Dec 2021 17:24

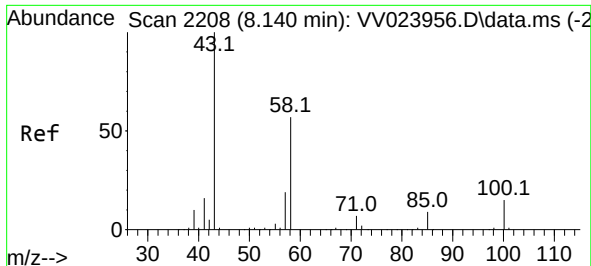
Tgt Ion: 75 Resp: 831

Ion Ratio Lower Upper

75 100

77 35.7 22.0 41.0

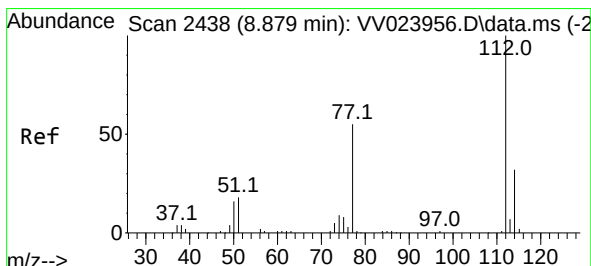
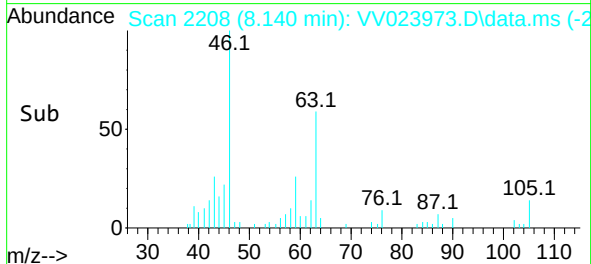
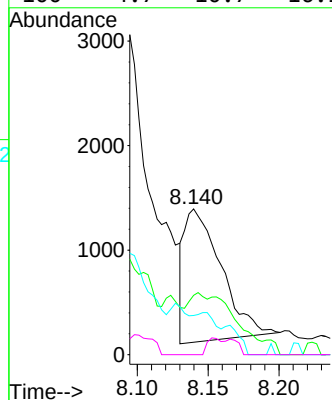
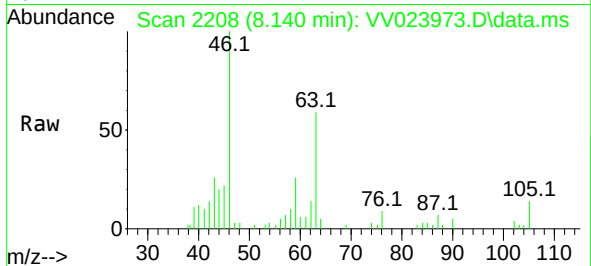




#48
2-Hexanone
Concen: 0.973 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023973.D
Acq: 14 Dec 2021 17:24

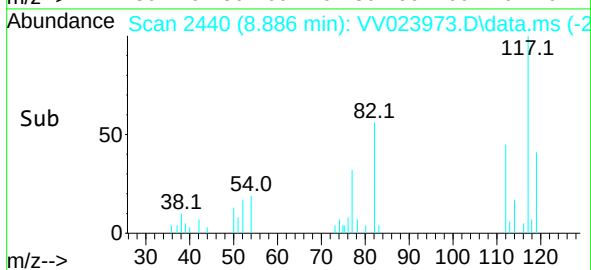
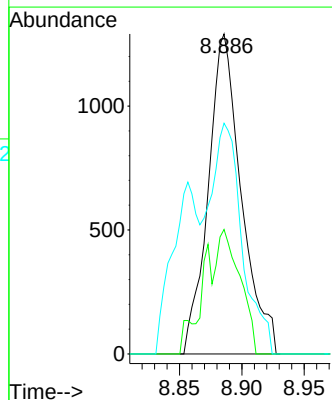
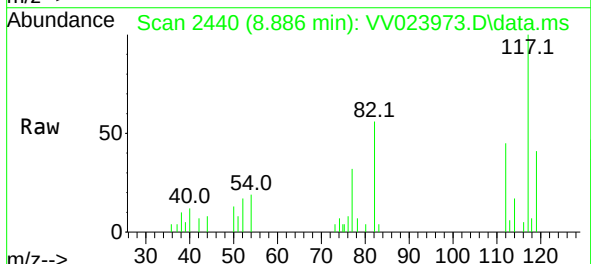
Instrument :
MSVOA_V
ClientSampleId :
EW213DL

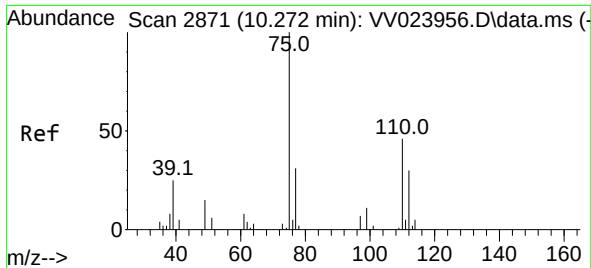
Tgt Ion:	43	Resp:	2281
Ion	Ratio	Lower	Upper
43	100		
58	4.9	44.5	66.7#
57	0.0	15.1	22.7#
100	4.7	10.7	16.1#



#51
Chlorobenzene
Concen: 0.112 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.007 min
Lab File: VV023973.D
Acq: 14 Dec 2021 17:24

Tgt Ion:	112	Resp:	2389
Ion	Ratio	Lower	Upper
112	100		
114	38.9	23.3	43.3
77	72.1	43.3	64.9#

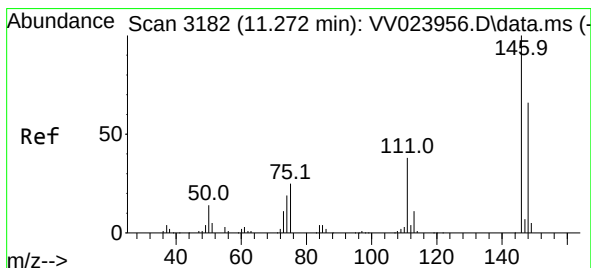
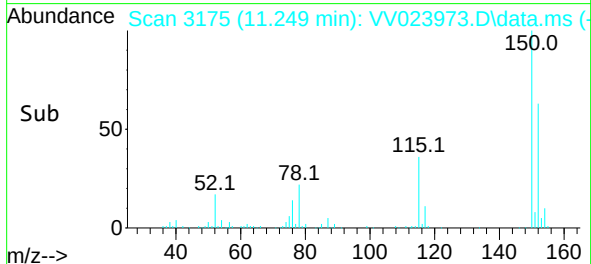
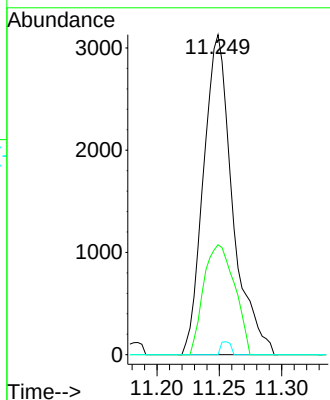
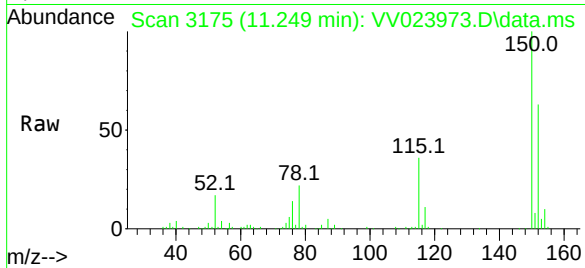




#61
1,2,3-Trichloropropane
Concen: 1.581 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV023973.D
Acq: 14 Dec 2021 17:24

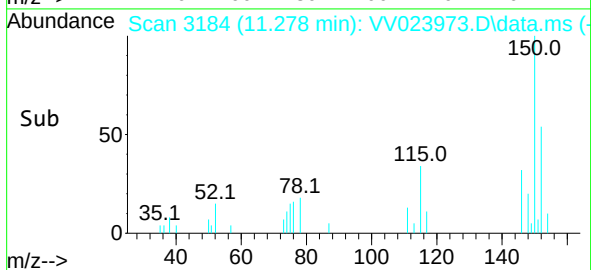
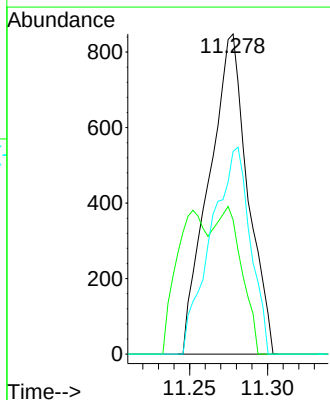
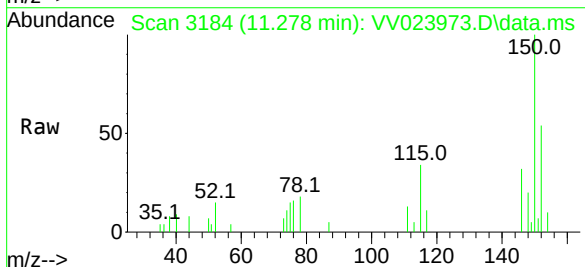
Instrument :
MSVOA_V
ClientSampleId :
EW213DL

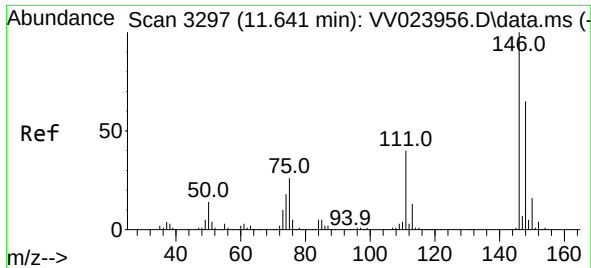
Tgt Ion: 75 Resp: 5088
Ion Ratio Lower Upper
75 100
77 36.5 26.4 39.6
110 1.4 34.2 51.2#



#65
1,4-Dichlorobenzene
Concen: 0.103 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.007 min
Lab File: VV023973.D
Acq: 14 Dec 2021 17:24

Tgt Ion: 146 Resp: 1463
Ion Ratio Lower Upper
146 100
111 42.0 25.6 47.6
148 63.3 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.141 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV023973.D

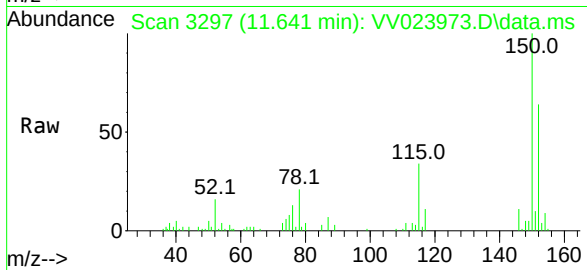
Acq: 14 Dec 2021 17:24

Instrument :

MSVOA_V

ClientSampleId :

EW213DL



Tgt Ion:	146	Resp:	1834
Ion	Ratio	Lower	Upper
146	100		
111	37.2	31.9	47.9
148	48.6	50.5	75.7#

