

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121421\
 Data File : VW023961.D
 Acq On : 14 Dec 2021 12:33
 Operator : SY/MD
 Sample : M5005-12 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW215

Quant Time: Dec 15 01:38:41 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)

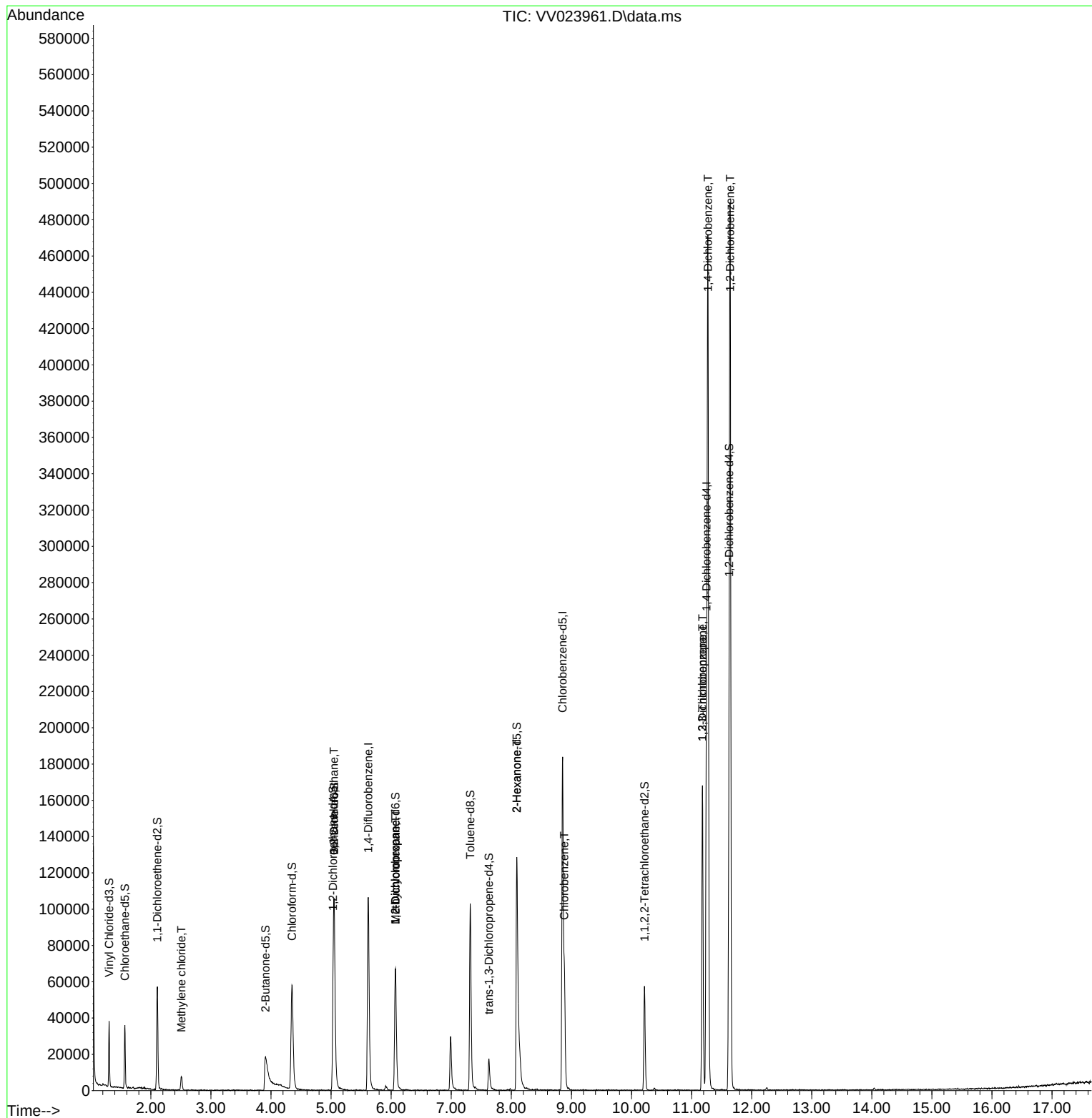
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	95813	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	103000	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54347	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	20898	4.057	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.568	69	20690	4.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.108	63	29302	2.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	3.909	46	46391	46.100	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.200%
24) Chloroform-d	4.349	84	58384	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.034	65	29805	5.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.050	84	91692	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.072	67	31042	5.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.317	98	71088	3.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	7.625	79	11561	4.528	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.092	63	54559	47.731	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25747	5.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	38690	5.330	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
16) Methylene chloride	2.510	84	3146	0.374	ug/L	96
27) 1,2-Dichloroethane	5.047	62	549	0.071	ug/L #	73
35) Methylcyclohexane	6.072	83	7934	0.656	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	3839	0.554	ug/L #	84
48) 2-Hexanone	8.092	43	6140	2.545	ug/L #	70
51) Chlorobenzene	8.883	112	36353	1.659	ug/L	98
61) 1,2,3-Trichloropropane	11.182	75	18398	4.969	ug/L #	47
64) 1,3-Dichlorobenzene	11.182	146	70558	4.324	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	188051	11.473	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	186121	12.449	ug/L	99

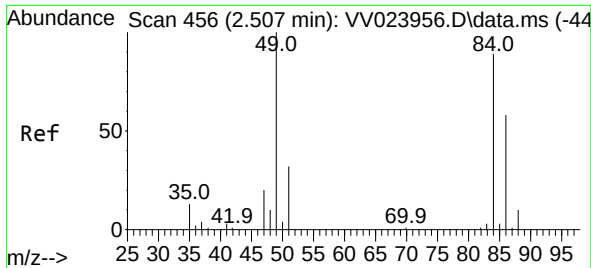
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121421\
Data File : VV023961.D
Acq On : 14 Dec 2021 12:33
Operator : SY/MD
Sample : M5005-12 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW215

Quant Time: Dec 15 01:38:41 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

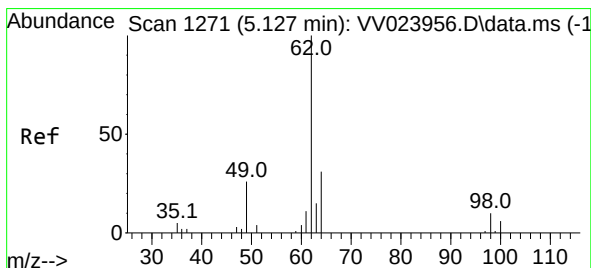
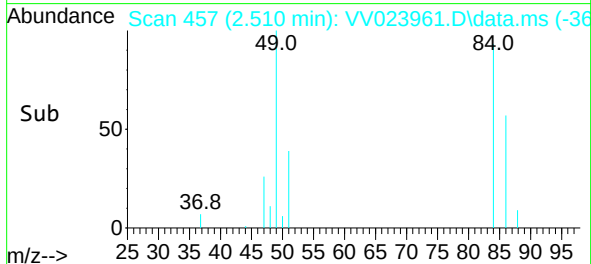
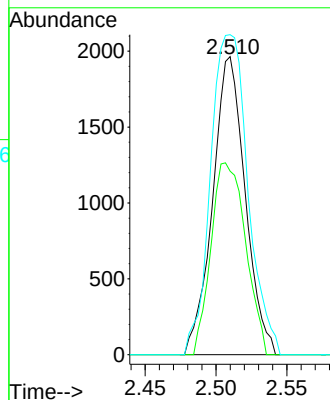
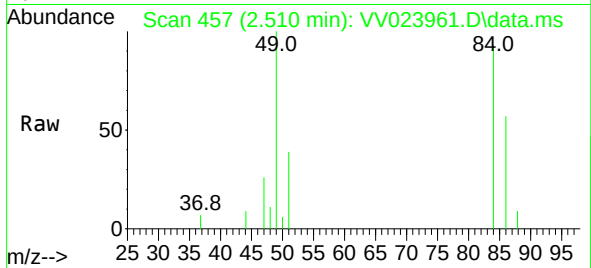




#16
Methylene chloride
Concen: 0.374 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023961.D
Acq: 14 Dec 2021 12:33

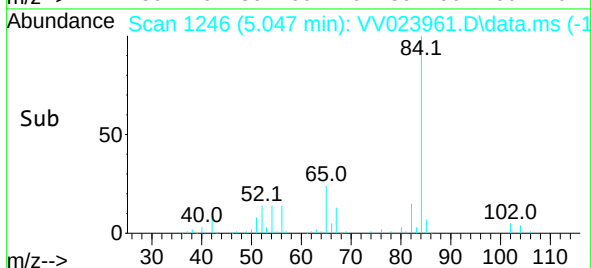
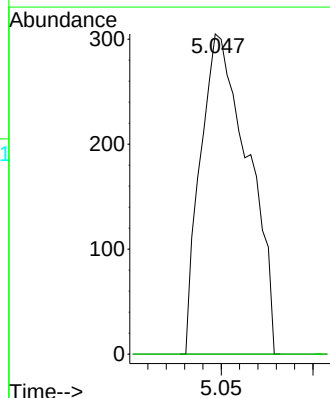
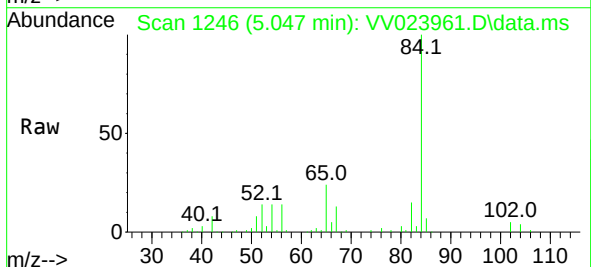
Instrument :
MSVOA_V
ClientSampleId :
EW215

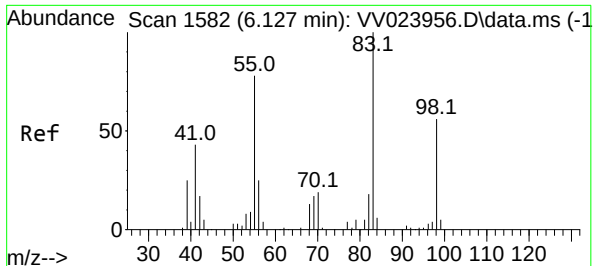
Tgt Ion: 84 Resp: 3146
Ion Ratio Lower Upper
84 100
86 61.6 42.6 79.0
49 107.3 79.7 147.9



#27
1,2-Dichloroethane
Concen: 0.071 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.083 min
Lab File: VV023961.D
Acq: 14 Dec 2021 12:33

Tgt Ion: 62 Resp: 549
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#





#35

Methylcyclohexane

Concen: 0.656 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023961.D

Acq: 14 Dec 2021 12:33

Instrument :

MSVOA_V

ClientSampleId :

EW215

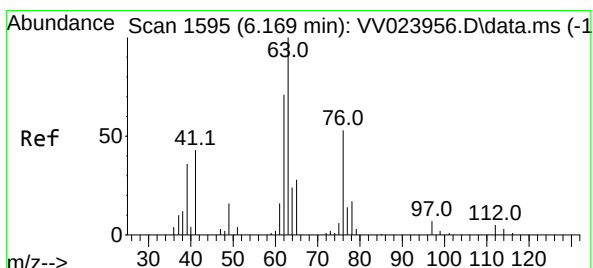
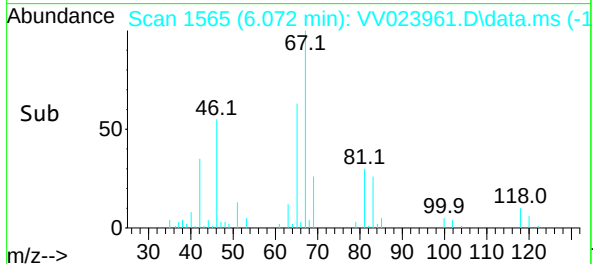
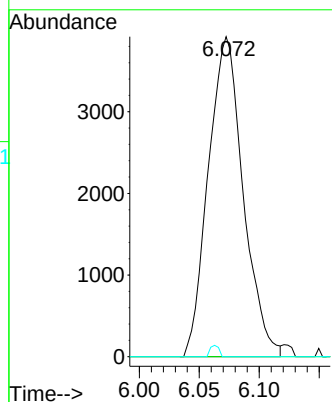
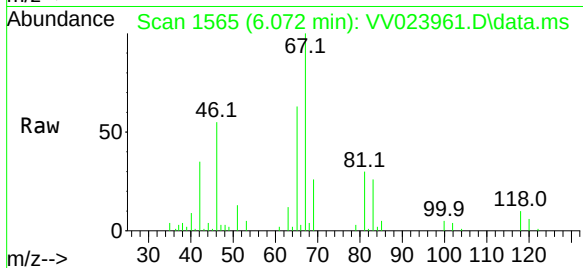
Tgt Ion: 83 Resp: 7934

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 0.9 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.554 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.096 min

Lab File: VV023961.D

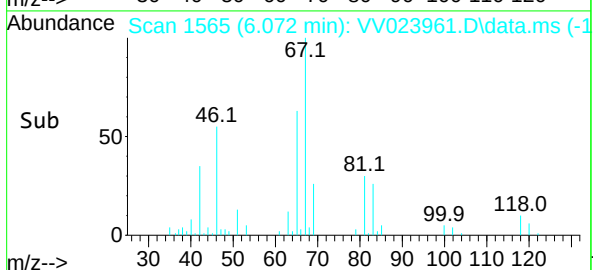
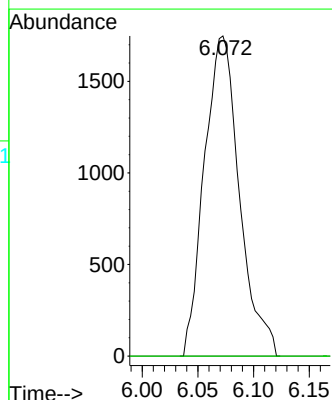
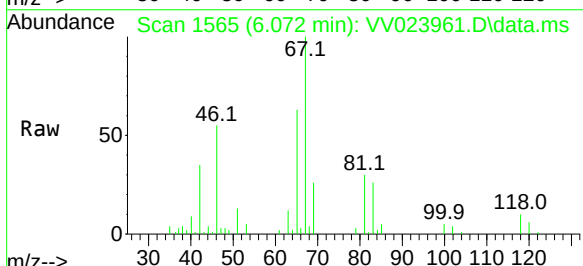
Acq: 14 Dec 2021 12:33

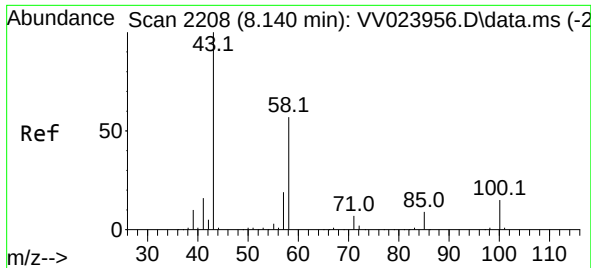
Tgt Ion: 63 Resp: 3839

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#

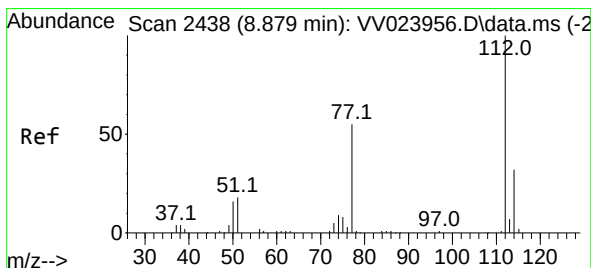
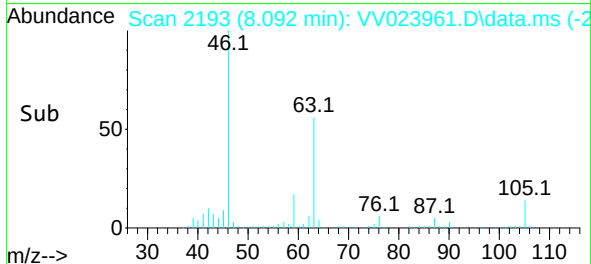
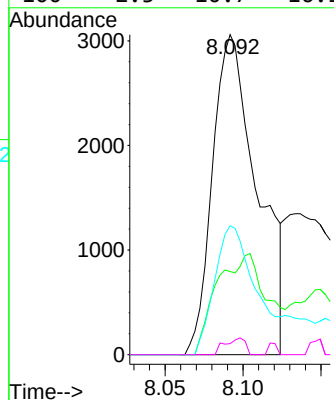
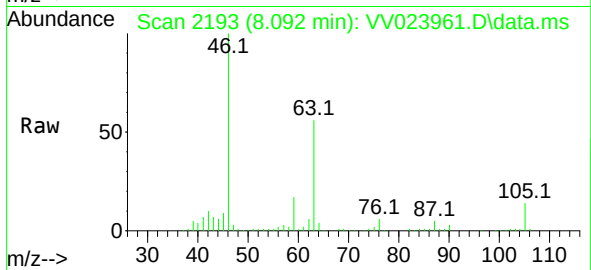




#48
2-Hexanone
Concen: 2.545 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV023961.D
Acq: 14 Dec 2021 12:33

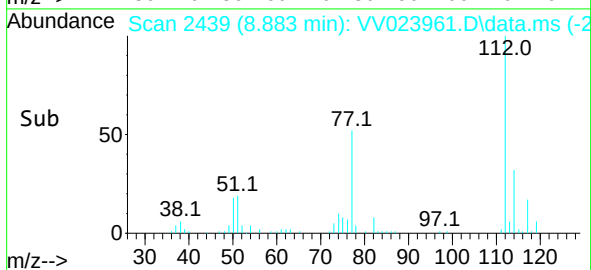
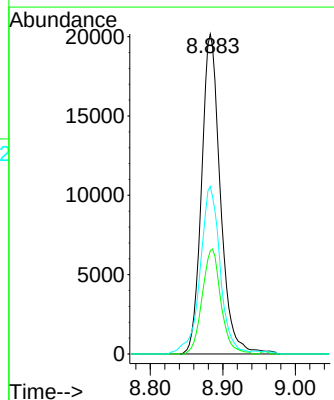
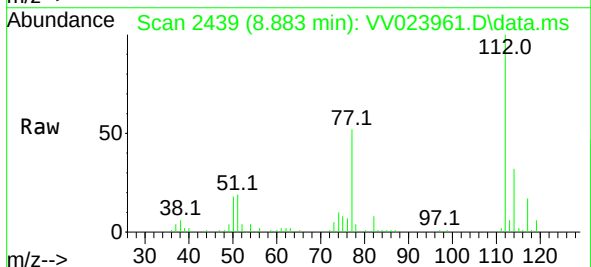
Instrument : MSVOA_V
ClientSampleId : EW215

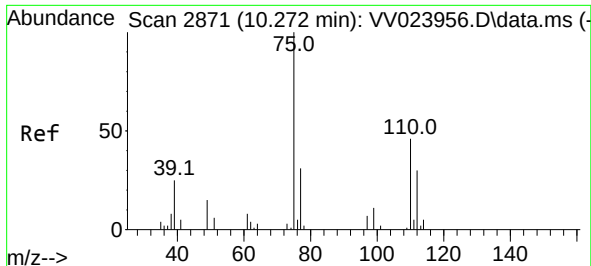
Tgt Ion: 43	Resp: 6140
Ion Ratio	Lower Upper
43	100
58	35.9 44.5 66.7#
57	36.9 15.1 22.7#
100	2.3 10.7 16.1#



#51
Chlorobenzene
Concen: 1.659 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV023961.D
Acq: 14 Dec 2021 12:33

Tgt Ion: 112	Resp: 36353
Ion Ratio	Lower Upper
112	100
114	32.2 23.3 43.3
77	52.3 43.3 64.9

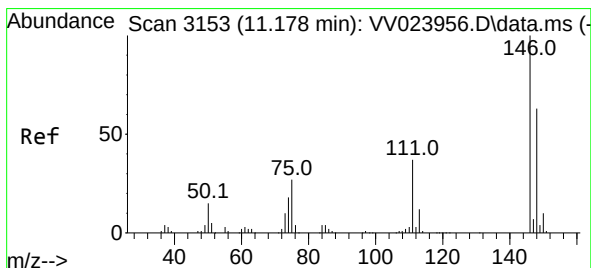
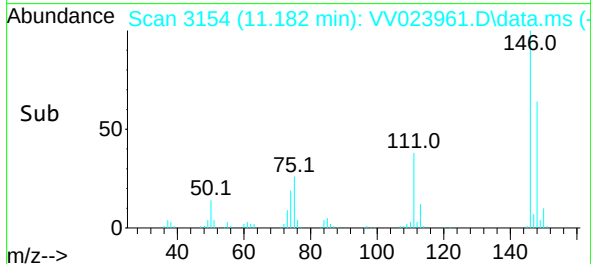
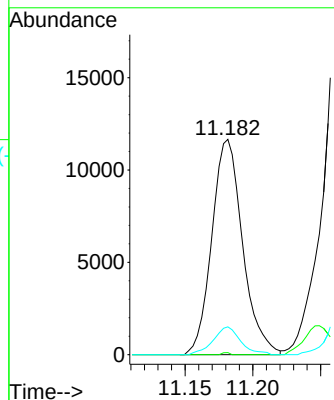
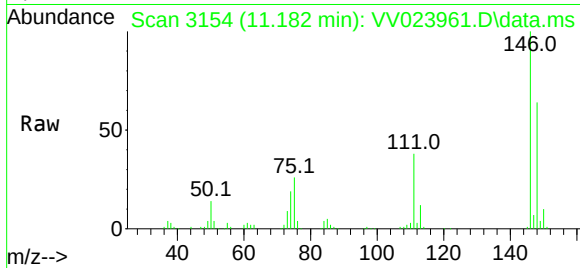




#61
1,2,3-Trichloropropane
Concen: 4.969 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.910 min
Lab File: VV023961.D
Acq: 14 Dec 2021 12:33

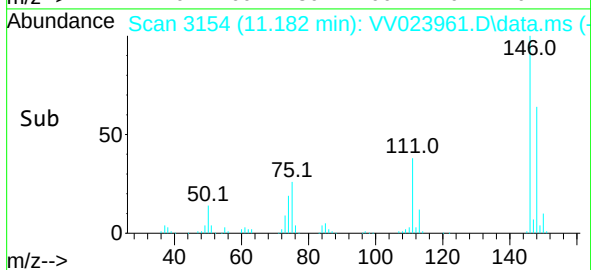
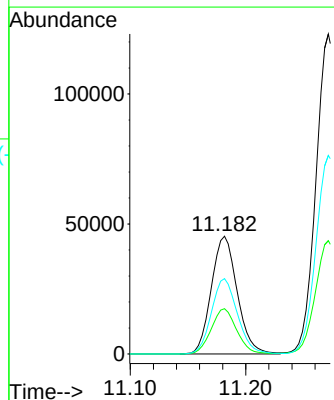
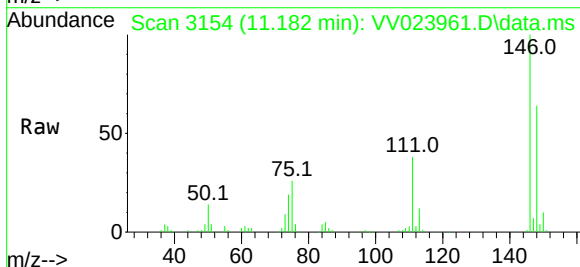
Instrument :
MSVOA_V
ClientSampleId :
EW215

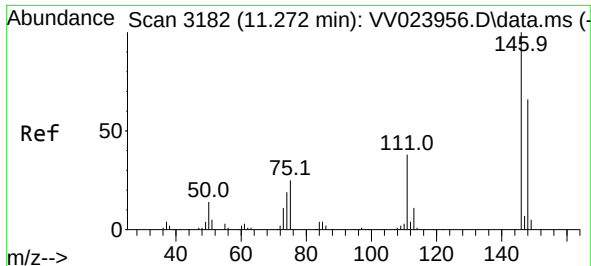
Tgt Ion: 75 Resp: 18398
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
110 11.5 34.2 51.2#



#64
1,3-Dichlorobenzene
Concen: 4.324 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.004 min
Lab File: VV023961.D
Acq: 14 Dec 2021 12:33

Tgt Ion:146 Resp: 70558
Ion Ratio Lower Upper
146 100
111 38.4 26.3 48.9
148 64.0 44.4 82.5

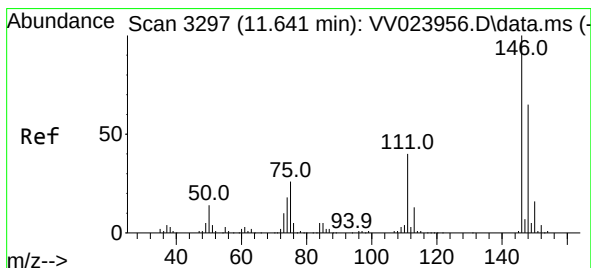
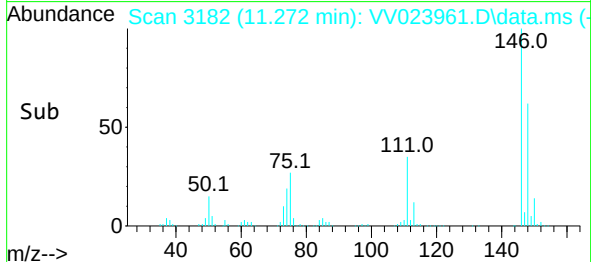
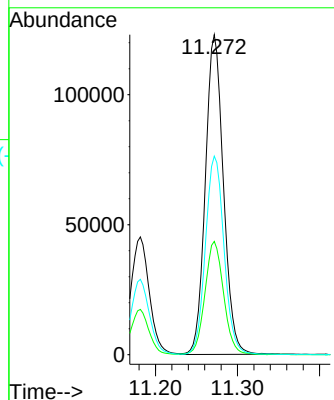
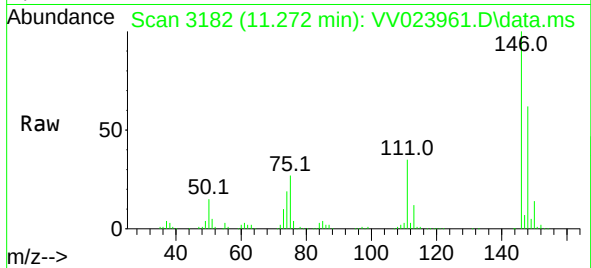




#65
1,4-Dichlorobenzene
Concen: 11.473 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023961.D
Acq: 14 Dec 2021 12:33

Instrument :
MSVOA_V
ClientSampleId :
EW215

Tgt Ion:146 Resp: 188051
Ion Ratio Lower Upper
146 100
111 35.4 25.6 47.6
148 62.1 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 12.449 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV023961.D
Acq: 14 Dec 2021 12:33

Tgt Ion:146 Resp: 186121
Ion Ratio Lower Upper
146 100
111 41.2 31.9 47.9
148 63.8 50.5 75.7

