

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121421\
 Data File : VW023969.D
 Acq On : 14 Dec 2021 15:42
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW214

Quant Time: Dec 15 01:39:43 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)

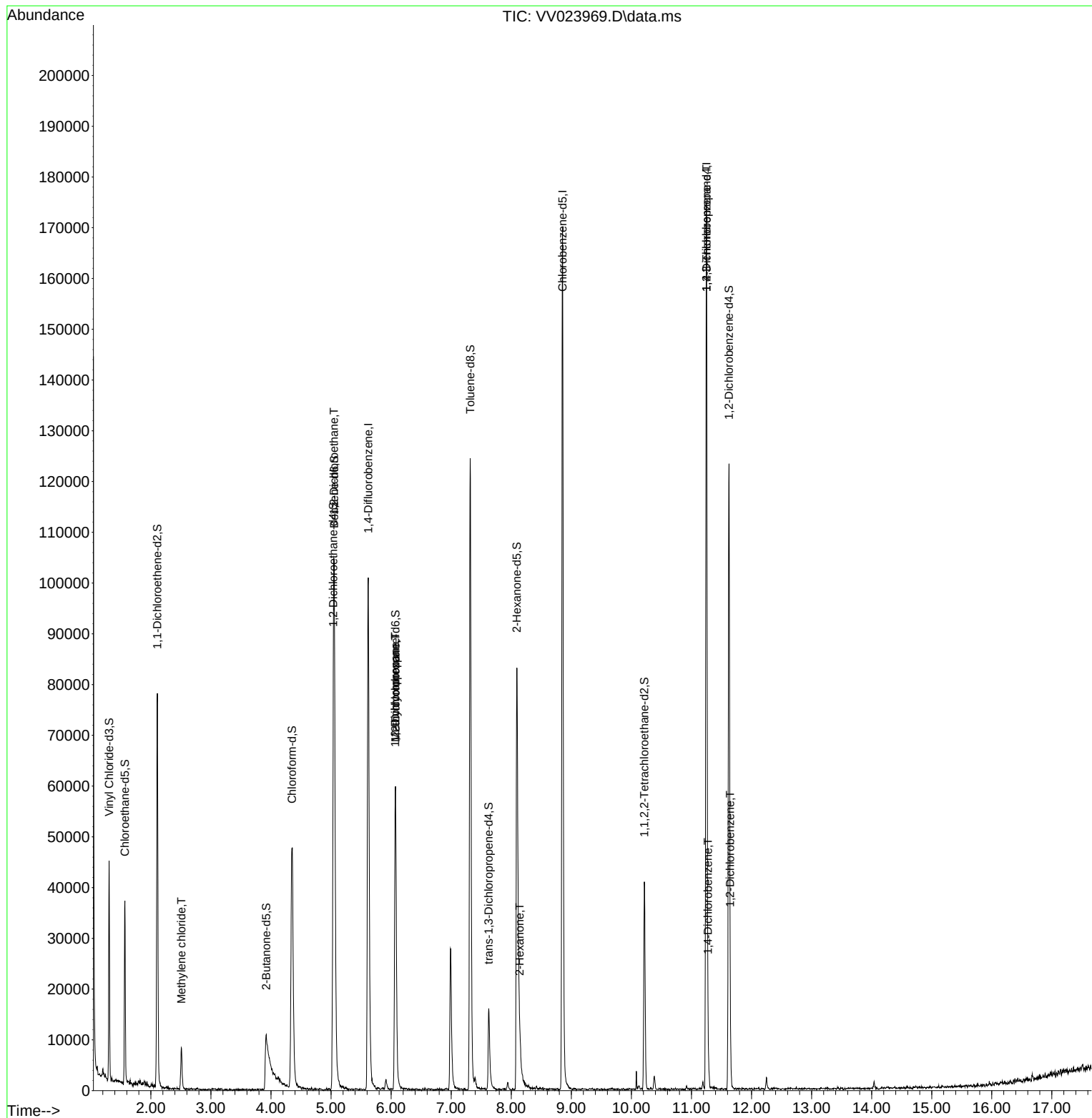
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	90386	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	98245	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47569	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	25055	5.156	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.200%
7) Chloroethane-d5	1.568	69	20779	5.125	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.600%
11) 1,1-Dichloroethene-d2	2.108	63	37939	4.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	3.921	46	20093	21.166	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	42.340%
24) Chloroform-d	4.349	84	51781	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.037	65	24905	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.053	84	96025	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.072	67	27650	4.710	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.317	98	85527	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.625	79	10088	4.142	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.091	63	33958	31.146	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	18929	3.887	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	33066	5.204	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
16) Methylene chloride	2.510	84	3324	0.419	ug/L	91
27) 1,2-Dichloroethane	5.050	62	574	0.079	ug/L #	73
35) Methylcyclohexane	6.072	83	7568	0.656	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	3283	0.497	ug/L #	84
48) 2-Hexanone	8.140	43	3064	1.332	ug/L #	46
61) 1,2,3-Trichloropropane	11.249	75	5384	1.661	ug/L #	61
65) 1,4-Dichlorobenzene	11.275	146	2042	0.142	ug/L	93
67) 1,2-Dichlorobenzene	11.644	146	2578	0.197	ug/L	98

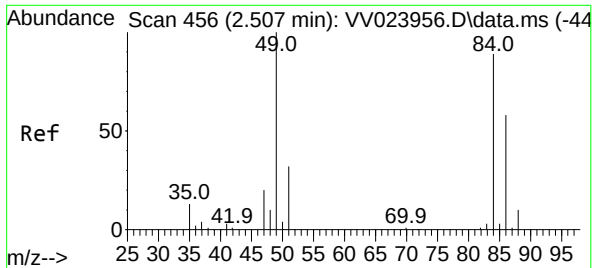
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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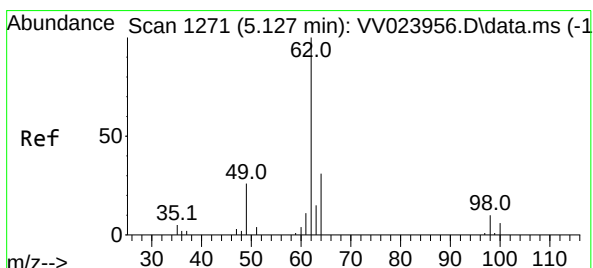
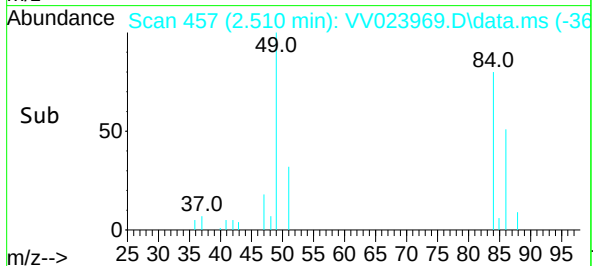
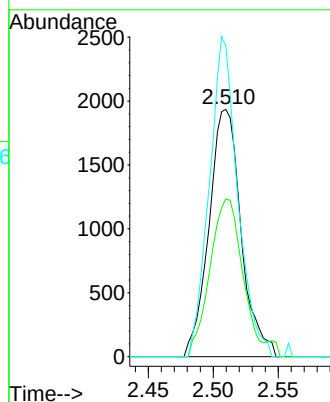
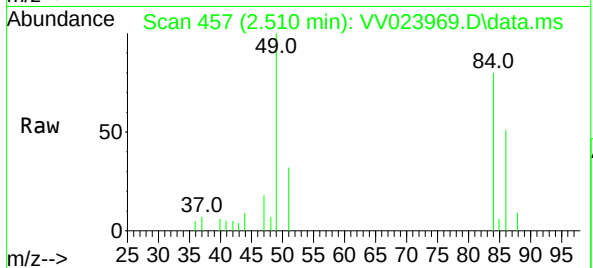




#16
Methylene chloride
Concen: 0.419 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023969.D
Acq: 14 Dec 2021 15:42

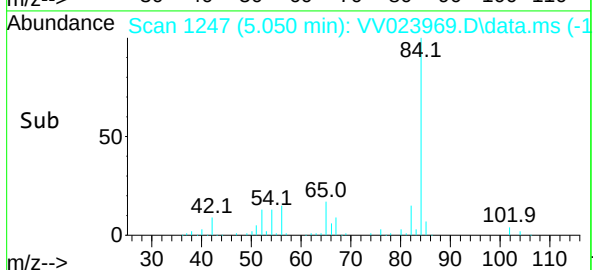
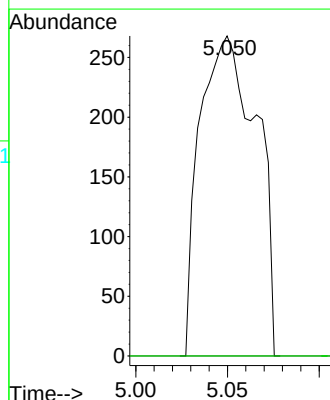
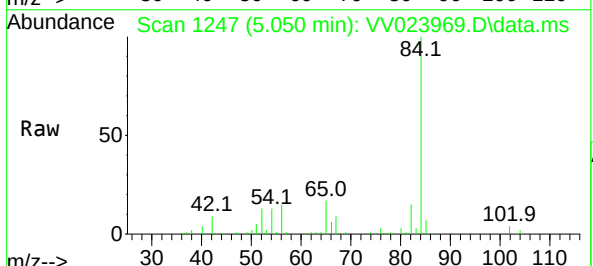
Instrument :
MSVOA_V
ClientSampleId :
EW214

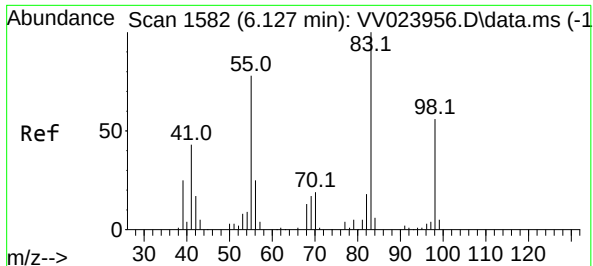
Tgt Ion: 84 Resp: 3324
Ion Ratio Lower Upper
84 100
86 63.7 42.6 79.0
49 125.7 79.7 147.9



#27
1,2-Dichloroethane
Concen: 0.079 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.080 min
Lab File: VV023969.D
Acq: 14 Dec 2021 15:42

Tgt Ion: 62 Resp: 574
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: VV023969.D

Acq: 14 Dec 2021 15:42

Instrument :

MSVOA_V

ClientSampleId :

EW214

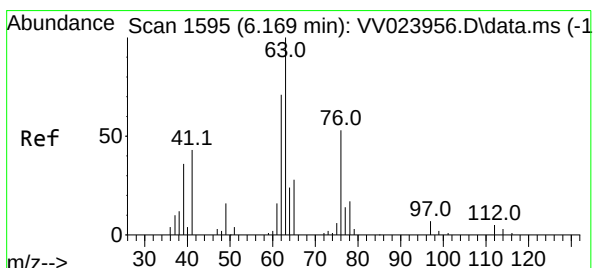
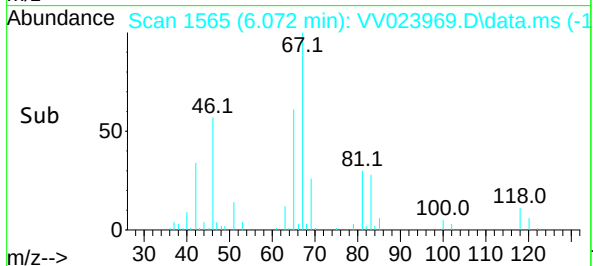
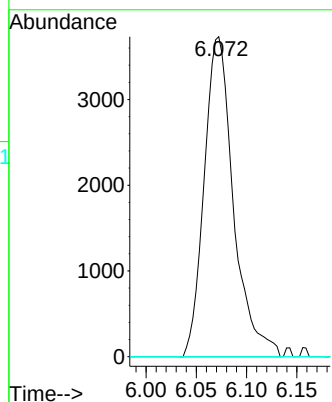
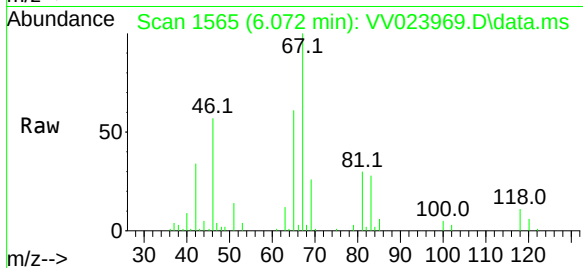
Tgt Ion: 83 Resp: 7568

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 5.9 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.497 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV023969.D

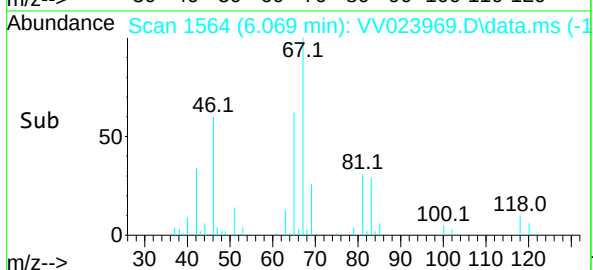
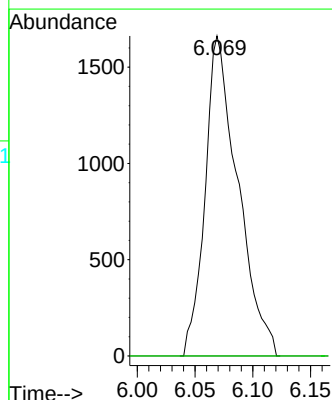
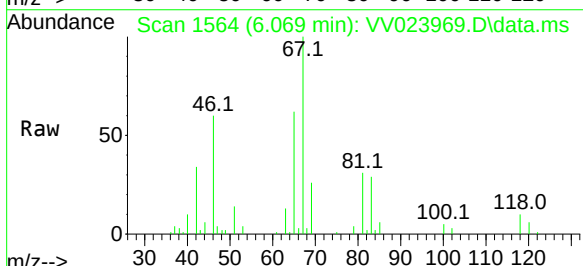
Acq: 14 Dec 2021 15:42

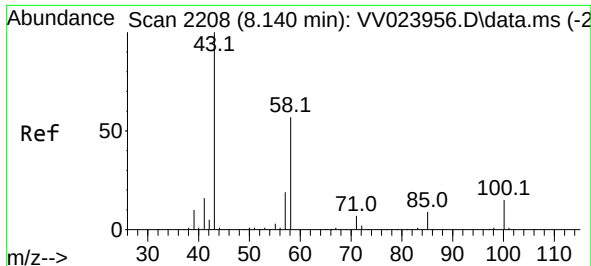
Tgt Ion: 63 Resp: 3283

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#





#48

2-Hexanone

Concen: 1.332 ug/L

RT: 8.140 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV023969.D

Acq: 14 Dec 2021 15:42

Instrument :

MSVOA_V

ClientSampleId :

EW214

Tgt Ion: 43 Resp: 3064

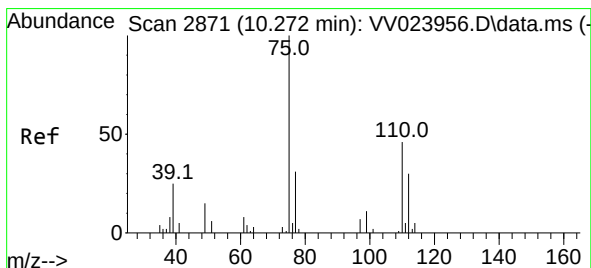
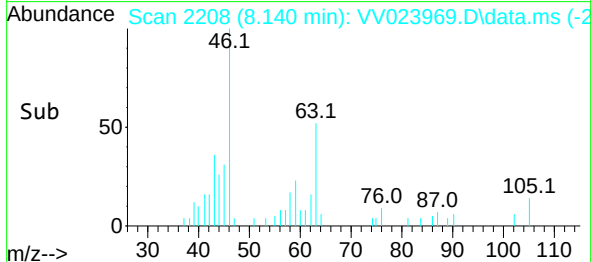
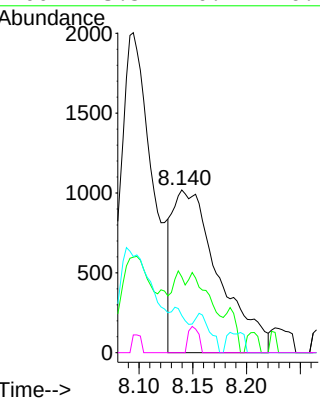
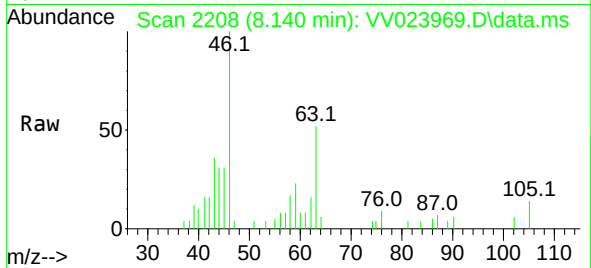
Ion Ratio Lower Upper

43 100

58 3.3 44.5 66.7#

57 8.8 15.1 22.7#

100 3.5 10.7 16.1#



#61

1,2,3-Trichloropropane

Concen: 1.661 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV023969.D

Acq: 14 Dec 2021 15:42

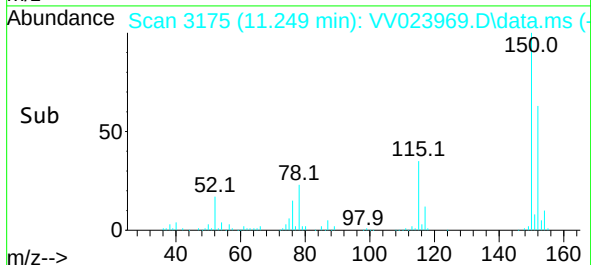
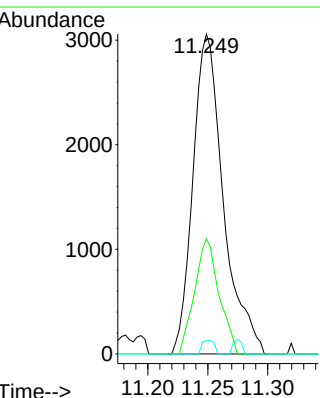
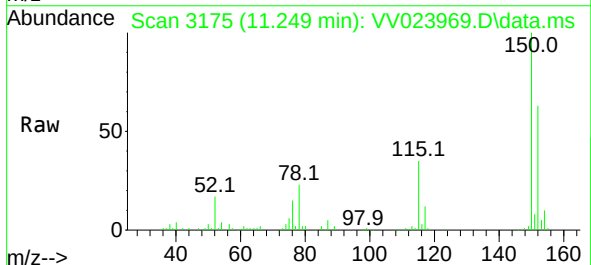
Tgt Ion: 75 Resp: 5384

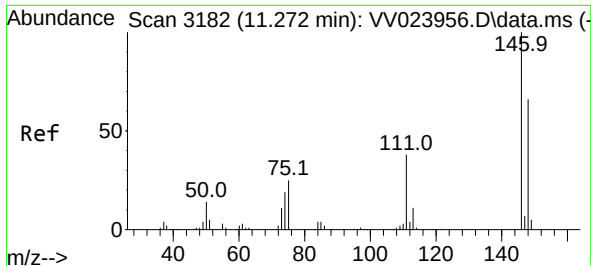
Ion Ratio Lower Upper

75 100

77 28.8 26.4 39.6

110 1.7 34.2 51.2#

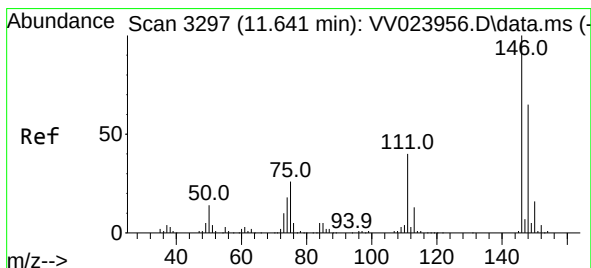
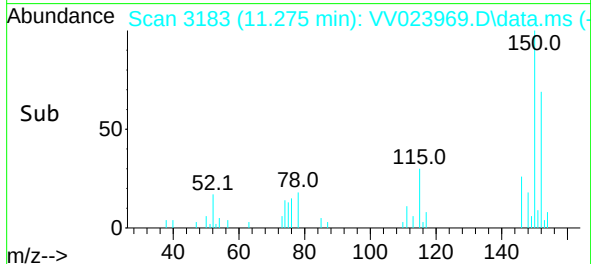
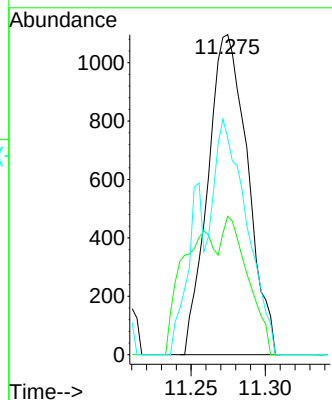
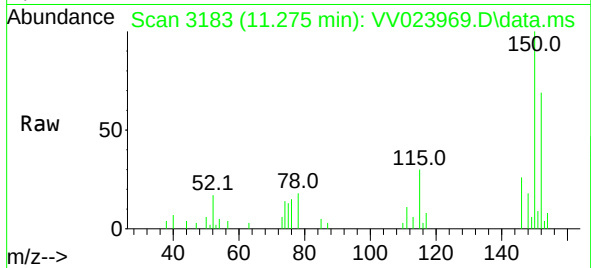




#65
1,4-Dichlorobenzene
Concen: 0.142 ug/L
RT: 11.275 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV023969.D
Acq: 14 Dec 2021 15:42

Instrument :
MSVOA_V
ClientSampleId :
EW214

Tgt Ion:146 Resp: 2042
Ion Ratio Lower Upper
146 100
111 43.2 25.6 47.6
148 67.7 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 0.197 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV023969.D
Acq: 14 Dec 2021 15:42

Tgt Ion:146 Resp: 2578
Ion Ratio Lower Upper
146 100
111 38.9 31.9 47.9
148 65.3 50.5 75.7

