

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121421\
 Data File : VW023963.D
 Acq On : 14 Dec 2021 13:21
 Operator : SY/MD
 Sample : M5005-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW218

Quant Time: Dec 15 01:38:58 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)

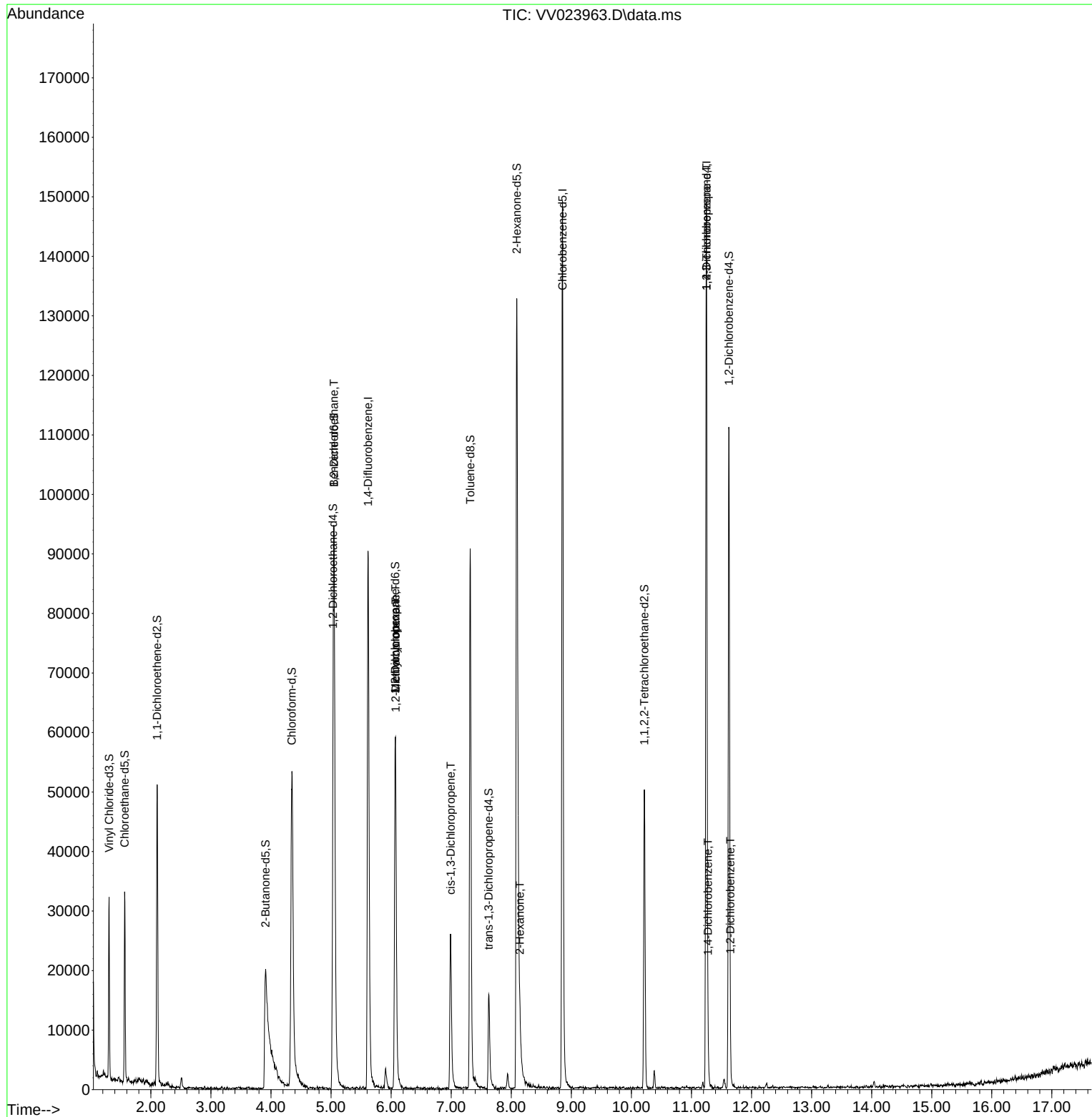
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	80776	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	86611	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	41697	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	17512	4.033	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.564	69	18502	5.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.105	63	24210	2.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.200%#
20) 2-Butanone-d5	3.908	46	50579	59.618	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.240%
24) Chloroform-d	4.346	84	52288	5.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	5.034	65	28541	6.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.600%
32) Benzene-d6	5.050	84	81911	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.069	67	28527	5.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.200%
41) Toluene-d8	7.317	98	61967	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.625	79	10538	4.908	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.092	63	51172	53.239	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.480%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23233	5.411	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	29783	5.347	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	5.050	62	553	0.085	ug/L #	73
35) Methylcyclohexane	6.072	83	7725	0.759	ug/L #	18
37) 1,2-Dichloropropane	6.076	63	3316	0.569	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	890	0.103	ug/L #	60
48) 2-Hexanone	8.143	43	3757	1.852	ug/L #	39
61) 1,2,3-Trichloropropane	11.249	75	4632	1.631	ug/L #	64
65) 1,4-Dichlorobenzene	11.275	146	1720	0.137	ug/L	90
67) 1,2-Dichlorobenzene	11.648	146	1454	0.127	ug/L #	82

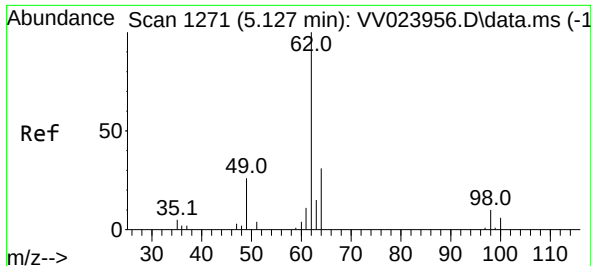
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#27

1,2-Dichloroethane

Concen: 0.085 ug/L

RT: 5.050 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV023963.D

Acq: 14 Dec 2021 13:21

Instrument :

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ClientSampleId :

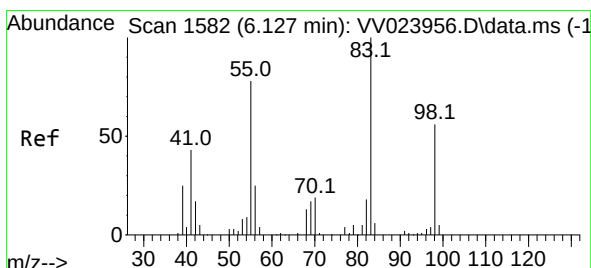
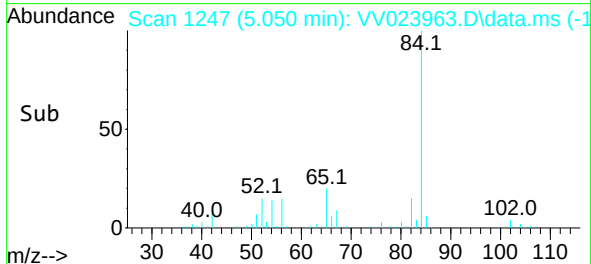
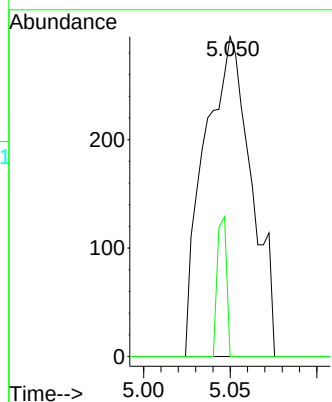
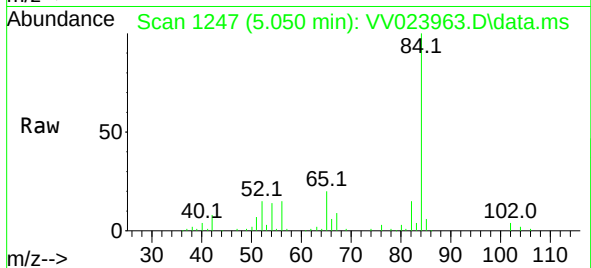
EW218

Tgt Ion: 62 Resp: 553

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#35

Methylcyclohexane

Concen: 0.759 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023963.D

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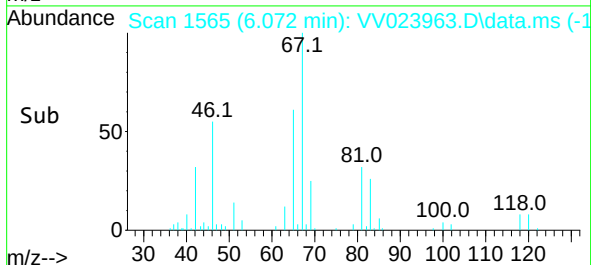
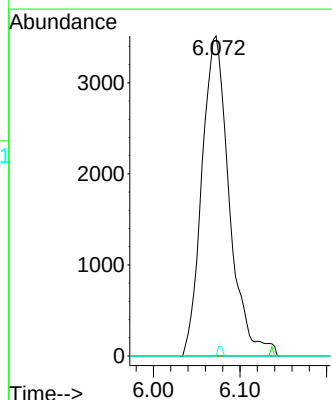
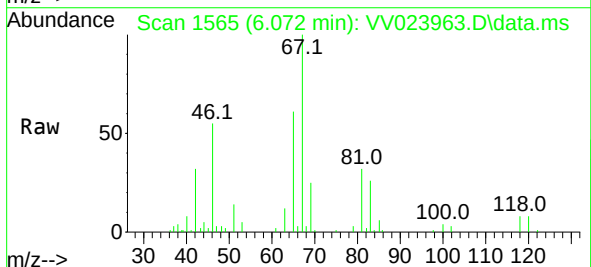
Tgt Ion: 83 Resp: 7725

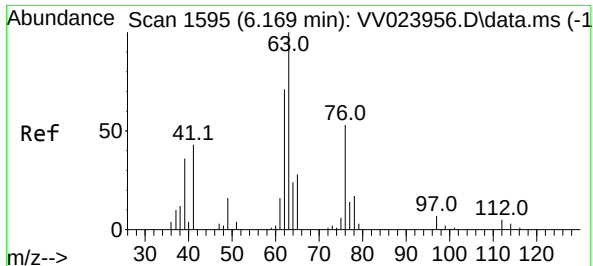
Ion Ratio Lower Upper

83 100

55 0.3 60.2 90.2#

98 0.5 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.569 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.093 min

Lab File: VV023963.D

Acq: 14 Dec 2021 13:21

Instrument :

MSVOA_V

ClientSampleId :

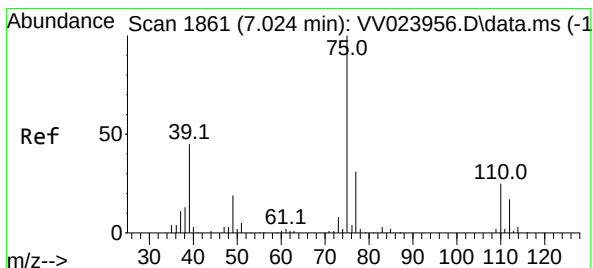
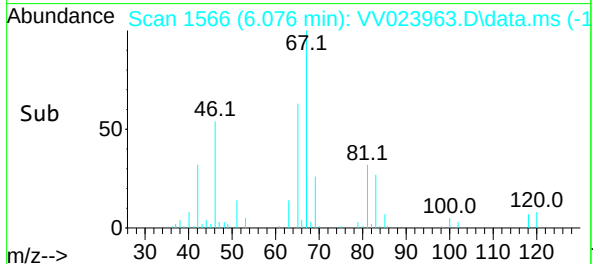
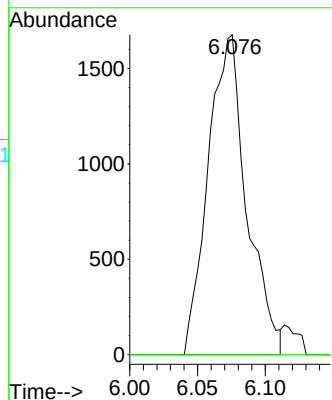
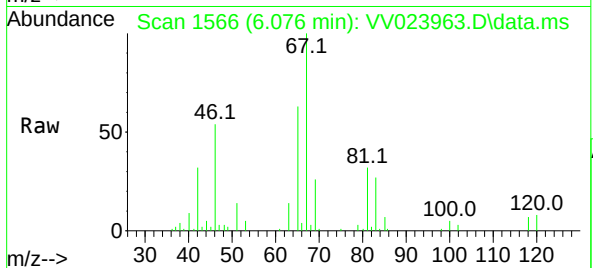
EW218

Tgt Ion: 63 Resp: 3316

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV023963.D

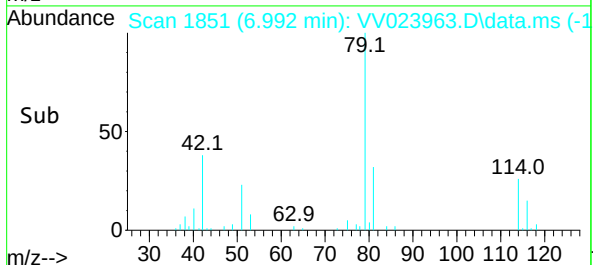
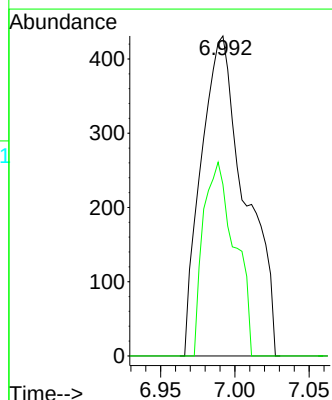
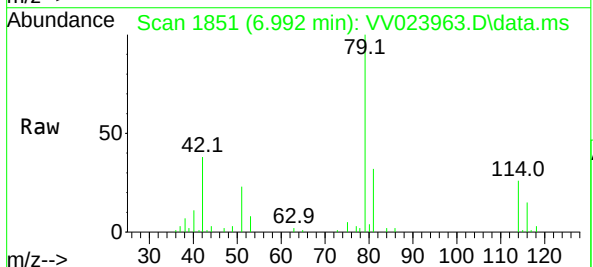
Acq: 14 Dec 2021 13:21

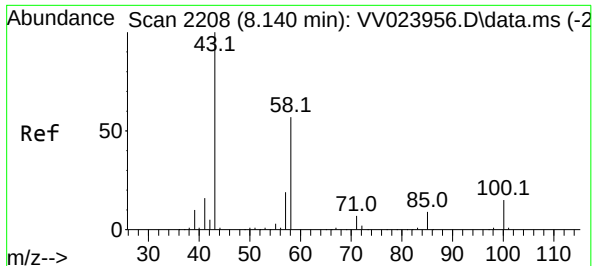
Tgt Ion: 75 Resp: 890

Ion Ratio Lower Upper

75 100

77 53.6 22.0 41.0#

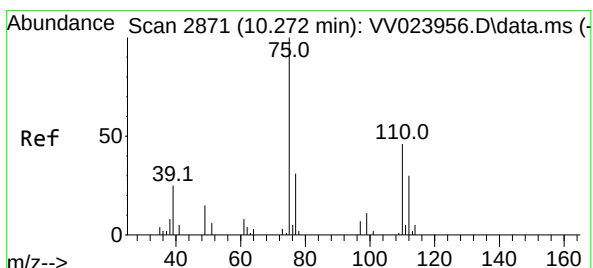
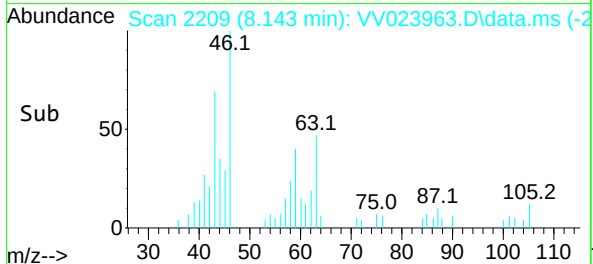
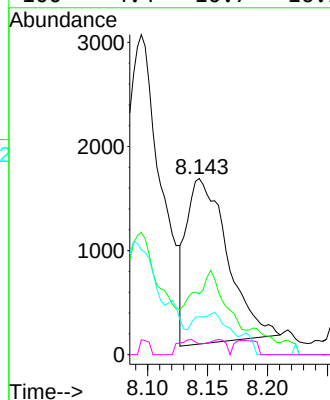
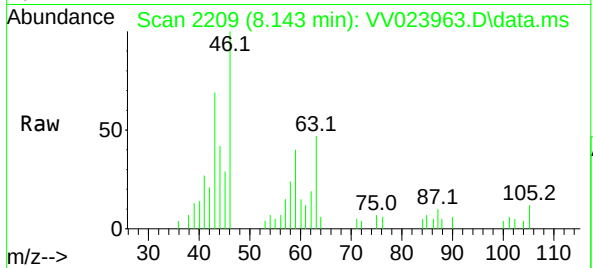




#48
2-Hexanone
Concen: 1.852 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023963.D
Acq: 14 Dec 2021 13:21

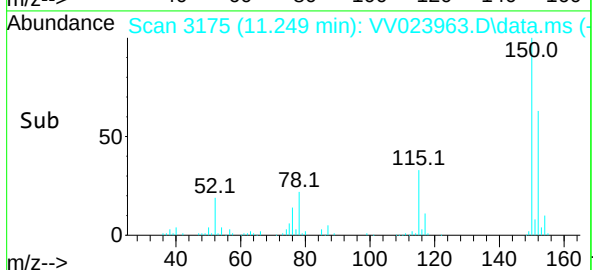
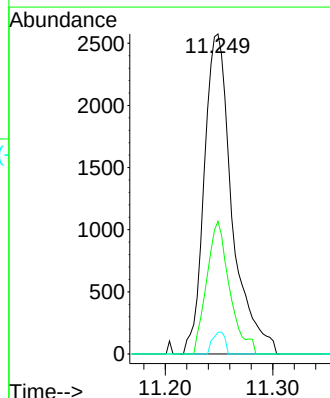
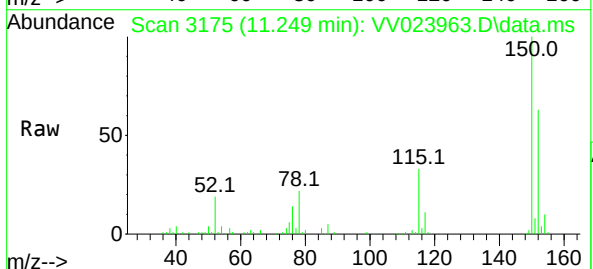
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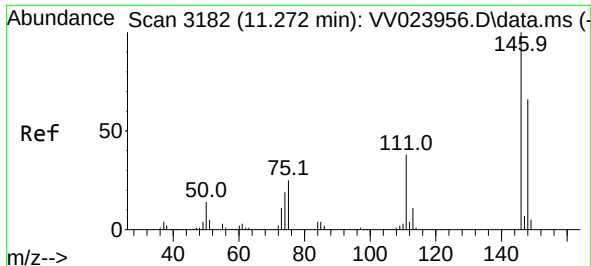
Tgt Ion: 43	Resp: 3757
Ion Ratio	Lower Upper
43 100	
58 0.0	44.5 66.7#
57 0.0	15.1 22.7#
100 4.4	10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 1.631 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV023963.D
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Tgt Ion: 75	Resp: 4632
Ion Ratio	Lower Upper
75 100	
77 34.0	26.4 39.6
110 3.0	34.2 51.2#

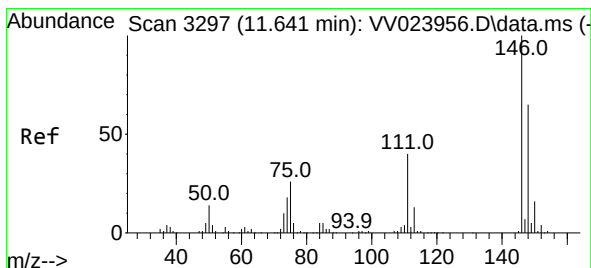
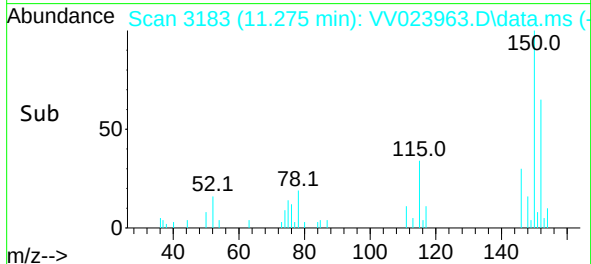
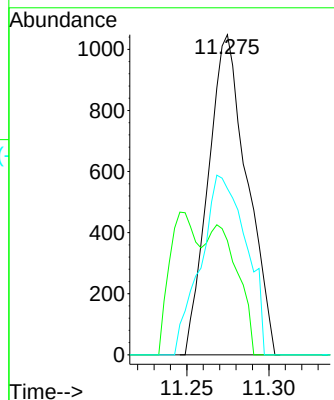
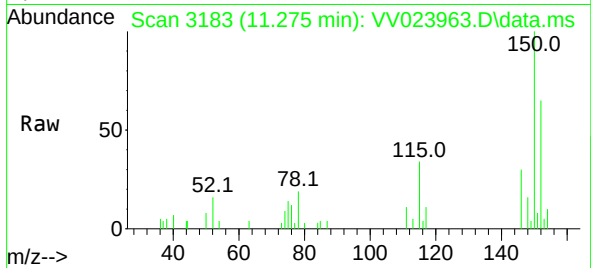




#65
1,4-Dichlorobenzene
Concen: 0.137 ug/L
RT: 11.275 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV023963.D
Acq: 14 Dec 2021 13:21

Instrument :
MSVOA_V
ClientSampleId :
EW218

Tgt Ion:146 Resp: 1720
Ion Ratio Lower Upper
146 100
111 35.7 25.6 47.6
148 51.9 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 0.127 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.007 min
Lab File: VV023963.D
Acq: 14 Dec 2021 13:21

Tgt Ion:146 Resp: 1454
Ion Ratio Lower Upper
146 100
111 60.8 31.9 47.9#
148 56.4 50.5 75.7

