

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX025990.D
 Acq On : 23 Dec 2021 23:46
 Operator : JC/MD
 Sample : M5154-01ME
 Misc : 6.05g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 24 06:48:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

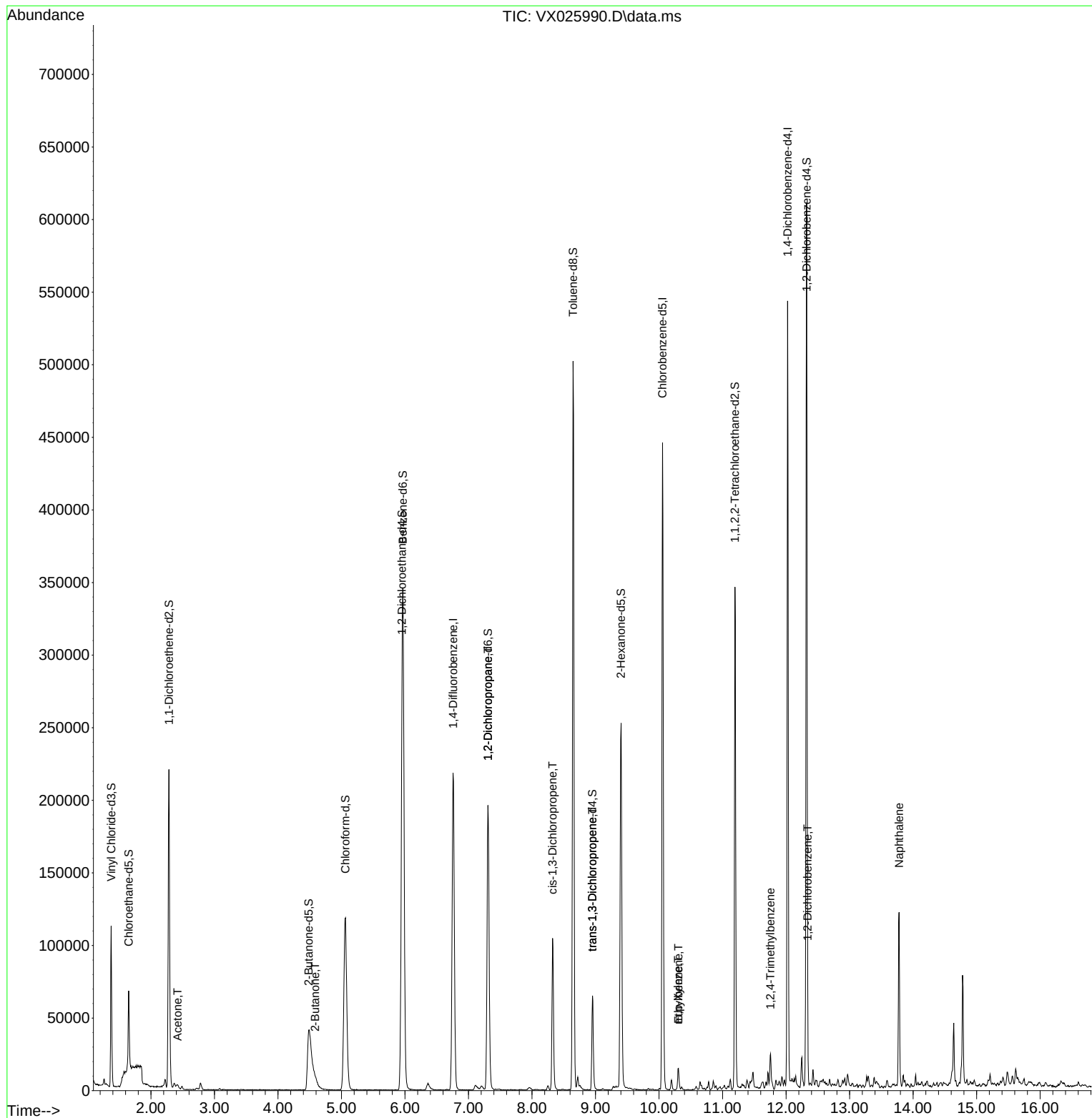
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	221992	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	203987	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100599	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	75938	48.238	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.480%		
7) Chloroethane-d5	1.648	69	32602	25.914	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	51.820%#		
11) 1,1-Dichloroethene-d2	2.282	63	126474	40.542	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.080%		
21) 2-Butanone-d5	4.483	46	100710	73.789	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	73.790%		
24) Chloroform-d	5.062	84	150568	47.794	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.580%		
26) 1,2-Dichloroethane-d4	5.952	65	107821	50.550	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.100%		
32) Benzene-d6	5.964	84	322572	54.939	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.880%		
36) 1,2-Dichloropropane-d6	7.305	67	97879	53.629	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	107.260%		
41) Toluene-d8	8.647	98	289783	52.860	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.720%		
43) trans-1,3-Dichloroprop...	8.951	79	31713	39.938	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.880%		
47) 2-Hexanone-d5	9.403	63	92347	98.039	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.040%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	131453	48.846	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.700%		
66) 1,2-Dichlorobenzene-d4	12.323	152	109196	57.441	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	114.880%		
Target Compounds					Qvalue	
13) Acetone	2.416	43	2284	3.061	ug/L	80
22) 2-Butanone	4.586	43	4211	3.031	ug/L	90
37) 1,2-Dichloropropane	7.305	63	11432	6.953	ug/L #	85
39) cis-1,3-Dichloropropene	8.324	75	2755	1.166	ug/L	88
44) trans-1,3-Dichloropropene	8.951	75	1771	0.790	ug/L	96
52) Ethylbenzene	10.305	91	7027	0.939	ug/L	83
53) m,p-Xylene	10.299	106	3422	1.198	ug/L	90
63) 1,2,4-Trimethylbenzene	11.756	105	7608	1.312	ug/L #	80
67) 1,2-Dichlorobenzene	12.341	146	4861	1.594	ug/L	98
71) Naphthalene	13.780	128	72995	10.473	ug/L	99

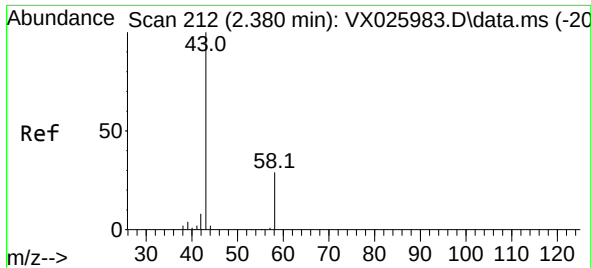
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 23 21:00:32 2021
Response via : Initial Calibration





#13

Acetone

Concen: 3.061 ug/L

RT: 2.416 min Scan# 21

Delta R.T. 0.036 min

Lab File: VX025990.D

Acq: 23 Dec 2021 23:46

Instrument :

MSVOA_X

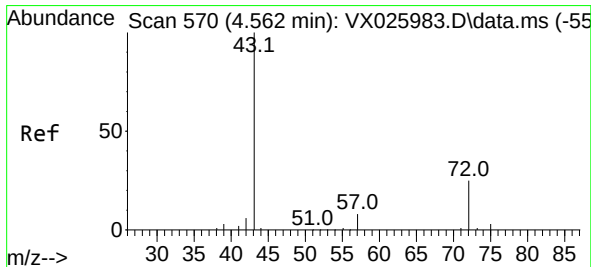
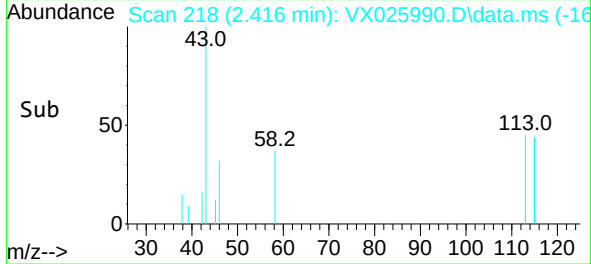
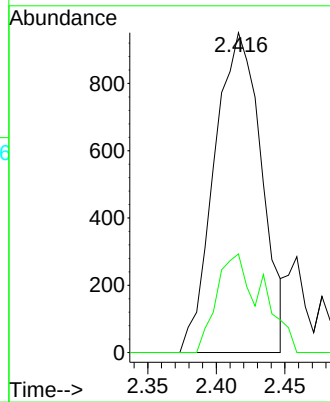
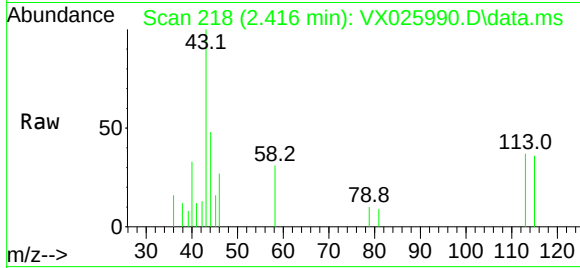
ClientSampleId :

Tgt Ion: 43 Resp: 2284

Ion Ratio Lower Upper

43 100

58 21.4 0.0 65.6



#22

2-Butanone

Concen: 3.031 ug/L

RT: 4.586 min Scan# 574

Delta R.T. 0.024 min

Lab File: VX025990.D

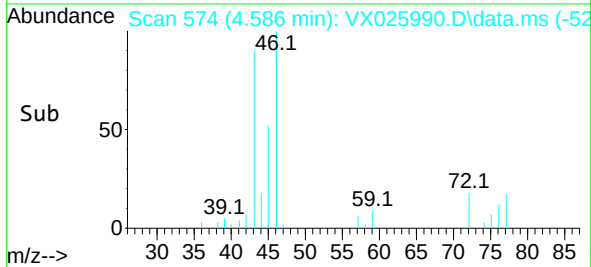
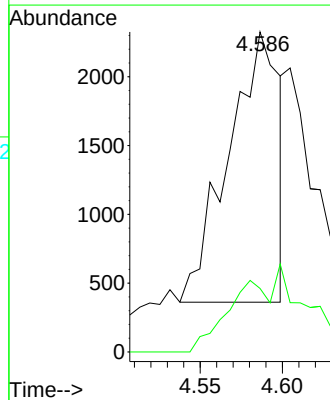
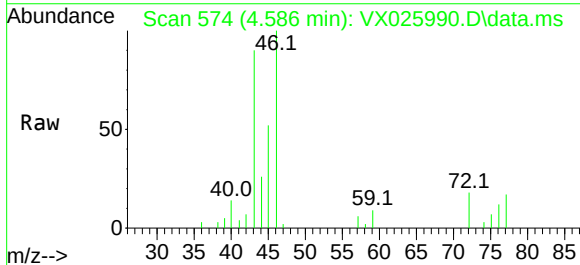
Acq: 23 Dec 2021 23:46

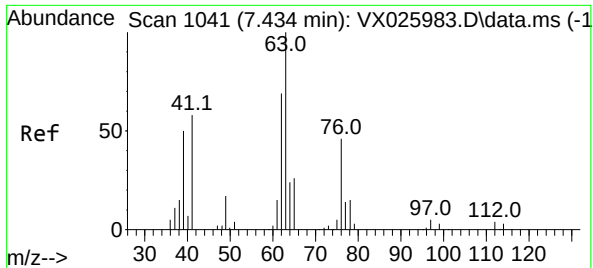
Tgt Ion: 43 Resp: 4211

Ion Ratio Lower Upper

43 100

72 22.2 13.8 41.3





#37

1,2-Dichloropropane

Concen: 6.953 ug/L

RT: 7.305 min Scan# 1187

Delta R.T. -0.128 min

Lab File: VX025990.D

Acq: 23 Dec 2021 23:46

Instrument :

MSVOA_X

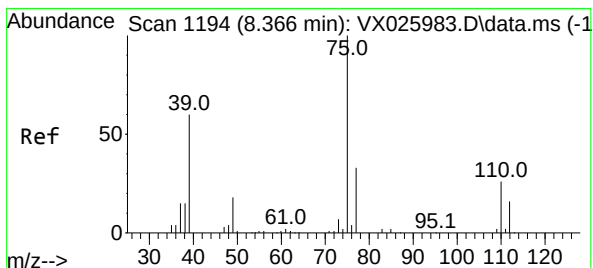
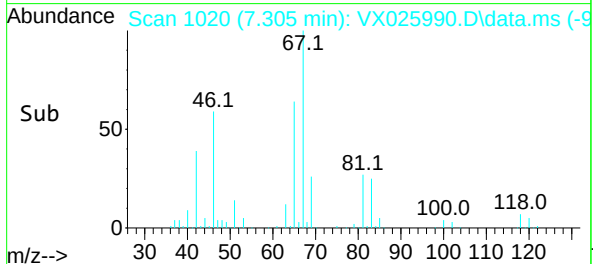
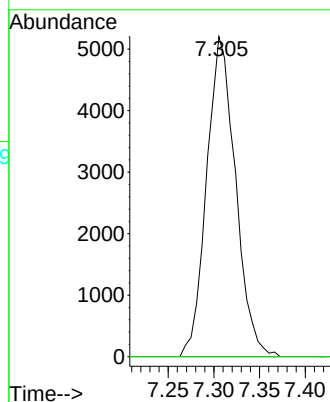
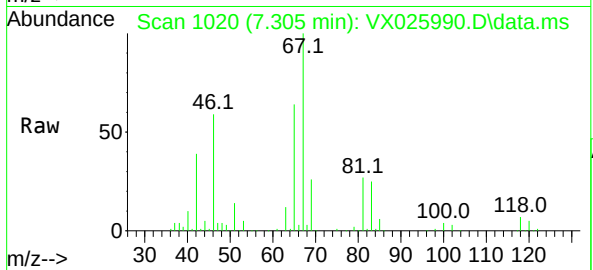
ClientSampleId :

Tgt Ion: 63 Resp: 11432

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.166 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX025990.D

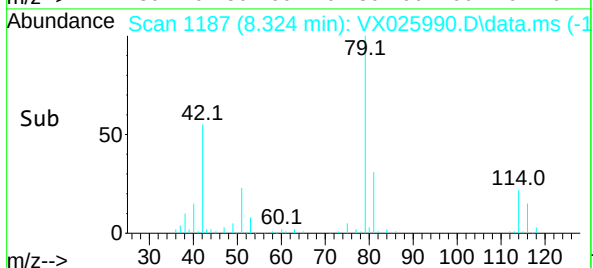
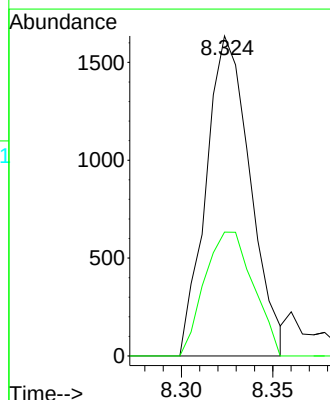
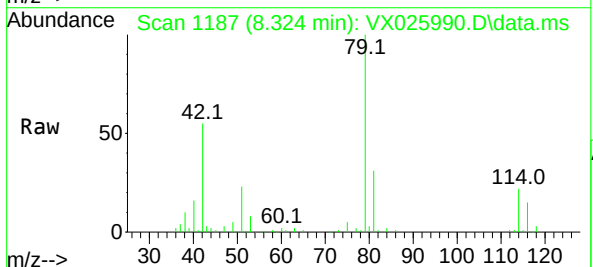
Acq: 23 Dec 2021 23:46

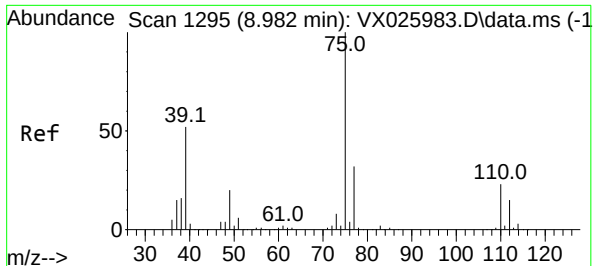
Tgt Ion: 75 Resp: 2755

Ion Ratio Lower Upper

75 100

77 38.7 22.3 41.3

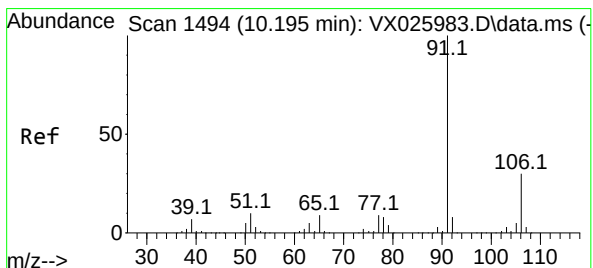
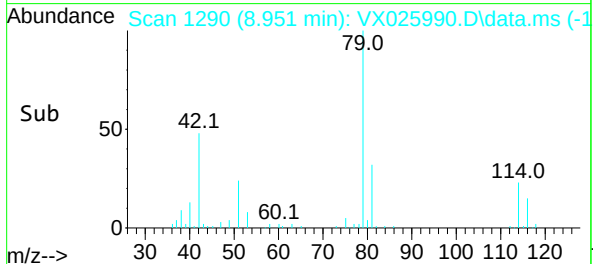
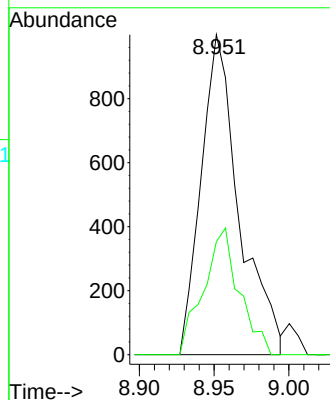
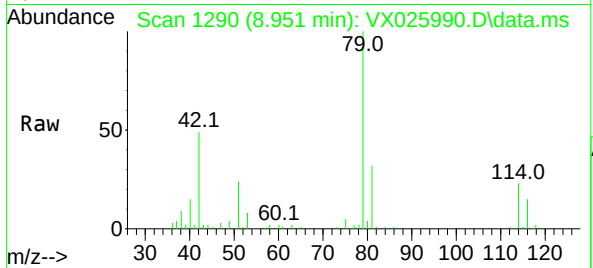




#44
trans-1,3-Dichloropropene
Concen: 0.790 ug/L
RT: 8.951 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX025990.D
Acq: 23 Dec 2021 23:46

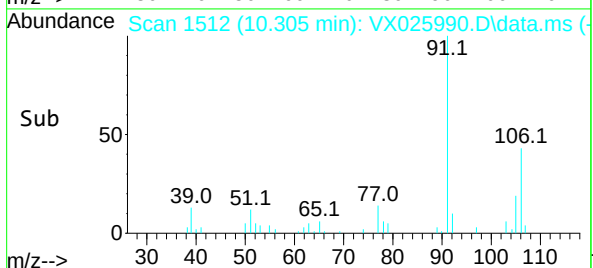
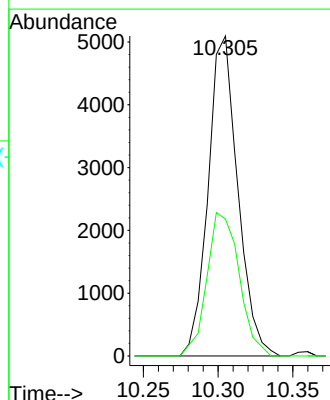
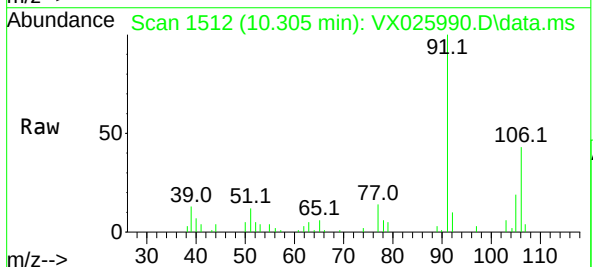
Instrument :
MSVOA_X
ClientSampleId :

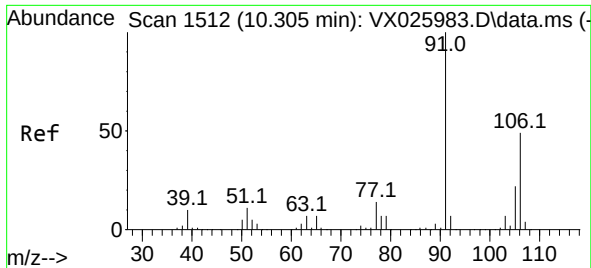
Tgt Ion: 75 Resp: 1771
Ion Ratio Lower Upper
75 100
77 35.3 23.0 42.8



#52
Ethylbenzene
Concen: 0.939 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.110 min
Lab File: VX025990.D
Acq: 23 Dec 2021 23:46

Tgt Ion: 91 Resp: 7027
Ion Ratio Lower Upper
91 100
106 42.8 23.1 42.9

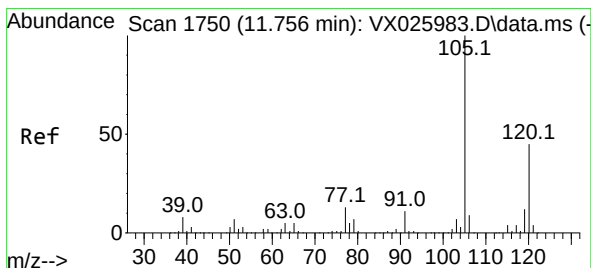
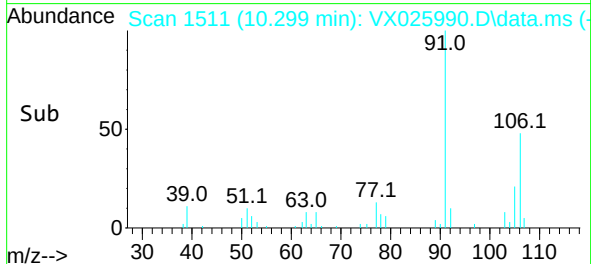
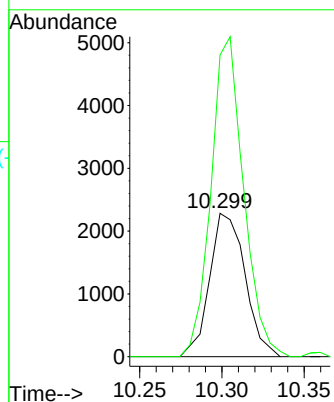
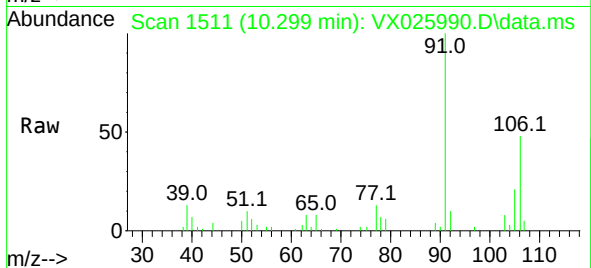




#53
m,p-Xylene
Concen: 1.198 ug/L
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025990.D
Acq: 23 Dec 2021 23:46

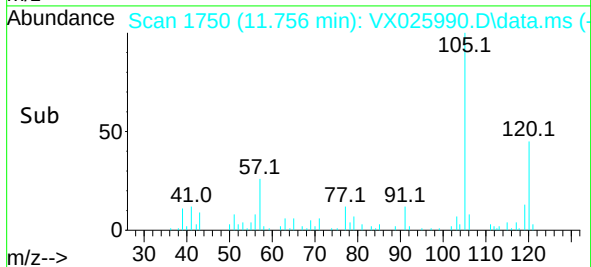
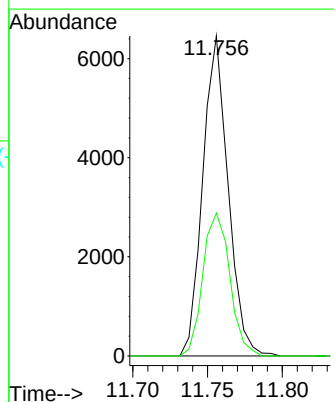
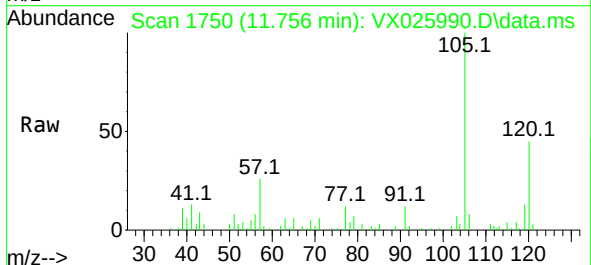
Instrument :
MSVOA_X
ClientSampleId :

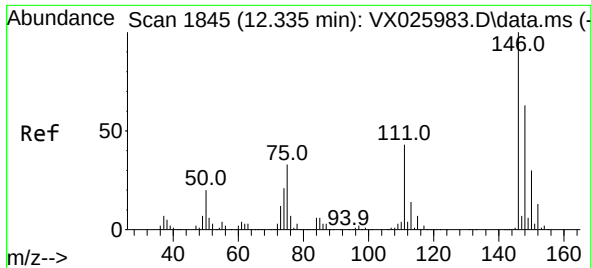
Tgt Ion:106 Resp: 3422
Ion Ratio Lower Upper
106 100
91 210.3 136.8 254.2



#63
1,2,4-Trimethylbenzene
Concen: 1.312 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025990.D
Acq: 23 Dec 2021 23:46

Tgt Ion:105 Resp: 7608
Ion Ratio Lower Upper
105 100
120 47.5 0.1 0.1#





#67

1,2-Dichlorobenzene

Concen: 1.594 ug/L

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX025990.D

Acq: 23 Dec 2021 23:46

Instrument :

MSVOA_X

ClientSampleId :

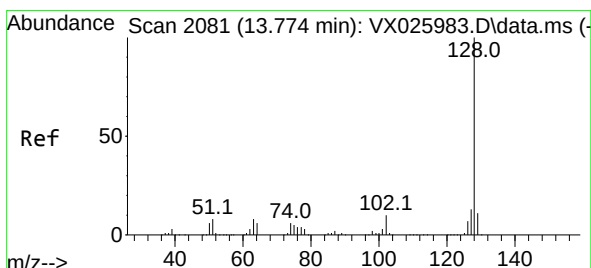
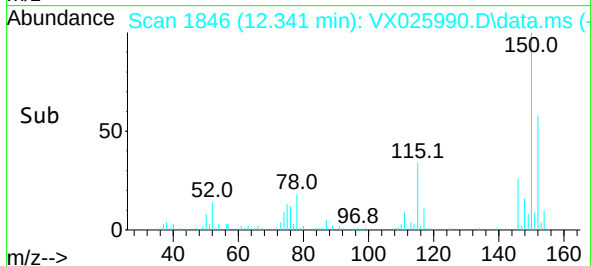
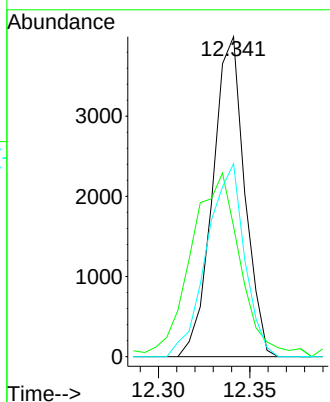
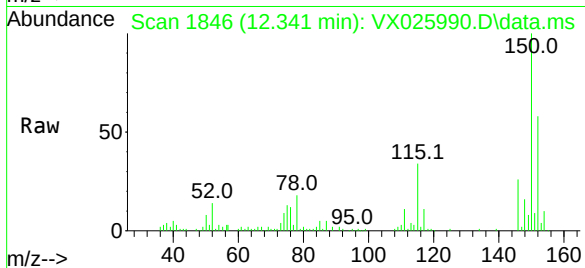
Tgt Ion:146 Resp: 4861

Ion Ratio Lower Upper

146 100

111 40.7 32.3 48.5

148 60.3 50.3 75.5



#71

Naphthalene

Concen: 10.473 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX025990.D

Acq: 23 Dec 2021 23:46

Tgt Ion:128 Resp: 72995

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 11.1 8.7 13.1

