

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX025991.D
 Acq On : 24 Dec 2021 00:09
 Operator : JC/MD
 Sample : M5154-03ME
 Misc : 6.66g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 24 06:48:51 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)

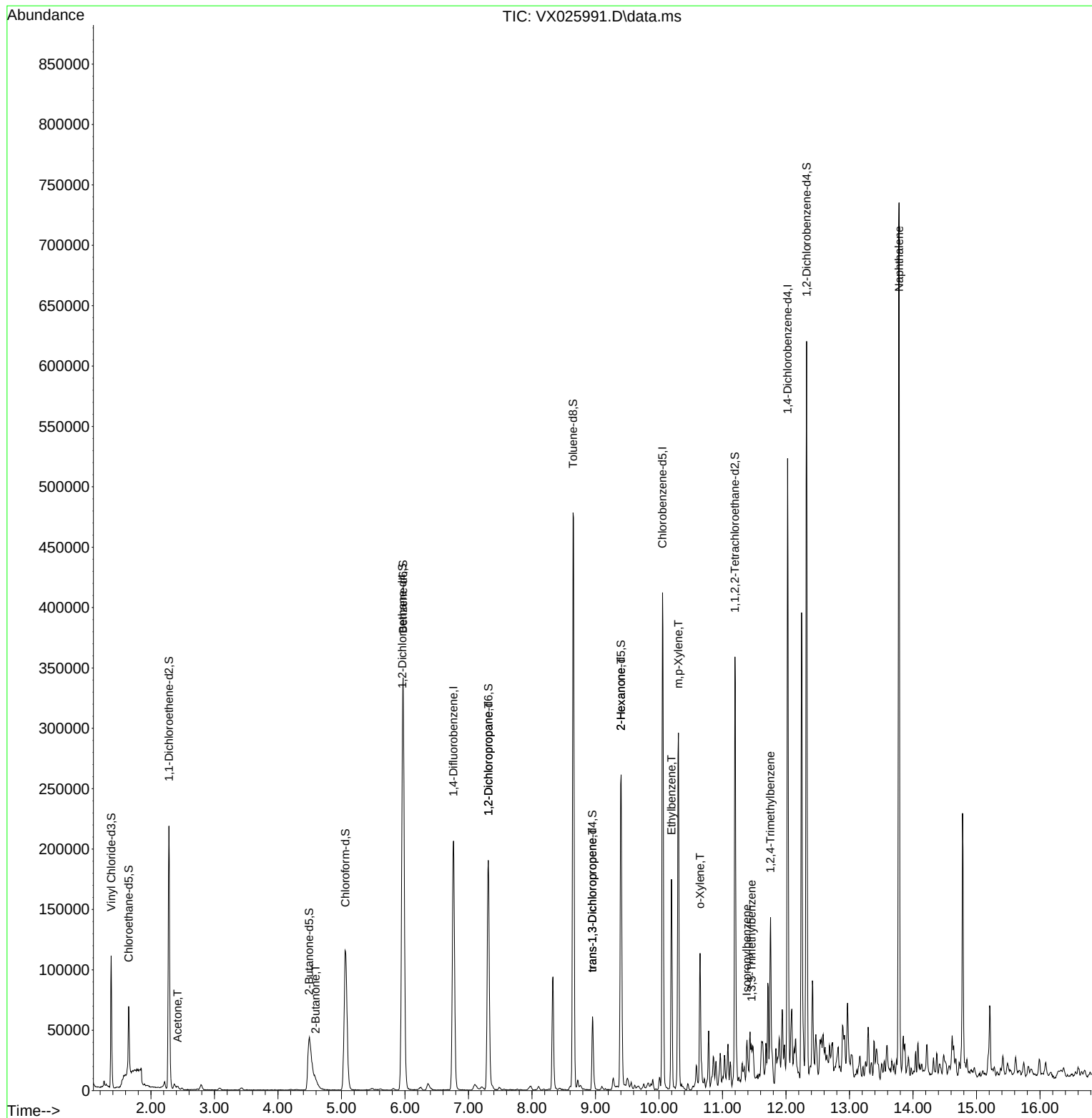
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	210490	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	190816	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	96884	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	76722	51.399	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.800%			
7) Chloroethane-d5	1.648	69	32993	27.658	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 55.320%#			
11) 1,1-Dichloroethene-d2	2.282	63	123355	41.703	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.400%			
21) 2-Butanone-d5	4.489	46	106009	81.916	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 81.920%			
24) Chloroform-d	5.062	84	145260	48.629	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.260%			
26) 1,2-Dichloroethane-d4	5.958	65	105823	52.324	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.640%			
32) Benzene-d6	5.971	84	312843	56.960	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.920%			
36) 1,2-Dichloropropane-d6	7.312	67	95710	56.060	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 112.120%			
41) Toluene-d8	8.647	98	282706	55.129	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.260%			
43) trans-1,3-Dichloroprop...	8.952	79	28851	38.842	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.680%			
47) 2-Hexanone-d5	9.403	63	91273	103.588	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.590%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	130734	51.932	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.860%			
66) 1,2-Dichlorobenzene-d4	12.323	152	110161	60.171	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 120.340%#			
Target Compounds					Qvalue	
13) Acetone	2.416	43	1632	2.307	ug/L	95
22) 2-Butanone	4.593	43	6182	4.693	ug/L	81
37) 1,2-Dichloropropane	7.312	63	10957	7.124	ug/L #	86
44) trans-1,3-Dichloropropene	8.952	75	1581	0.754	ug/L	99
48) 2-Hexanone	9.403	43	12459	6.335	ug/L #	63
52) Ethylbenzene	10.195	91	97953	13.996	ug/L	95
53) m,p-Xylene	10.305	106	69394	25.976	ug/L	92
54) o-Xylene	10.647	106	23045	8.709	ug/L	94
60) Isopropylbenzene	11.384	105	17855	2.682	ug/L	96
62) 1,3,5-Trimethylbenzene	11.457	105	11557	2.074	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	46354	8.302	ug/L #	81
71) Naphthalene	13.780	128	434209	64.689	ug/L	99

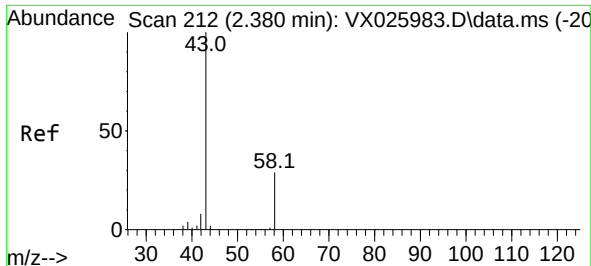
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 24 06:48:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis
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Response via : Initial Calibration

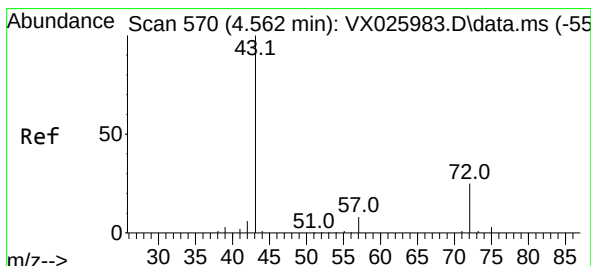
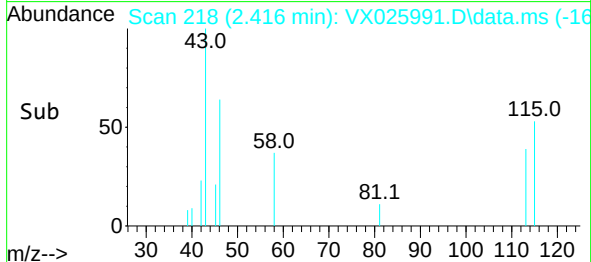
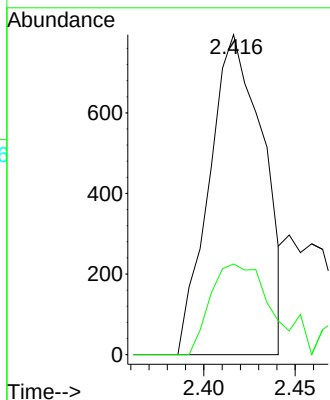
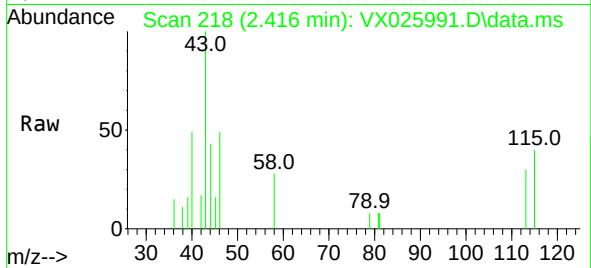




#13
Acetone
Concen: 2.307 ug/L
RT: 2.416 min Scan# 212
Delta R.T. 0.037 min
Lab File: VX025991.D
Acq: 24 Dec 2021 00:09

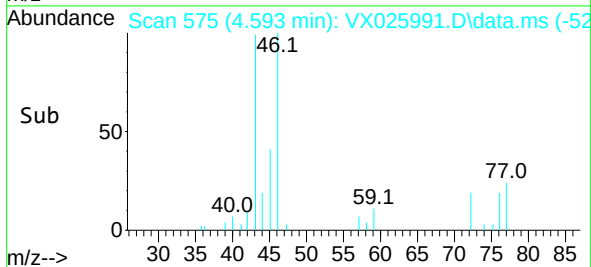
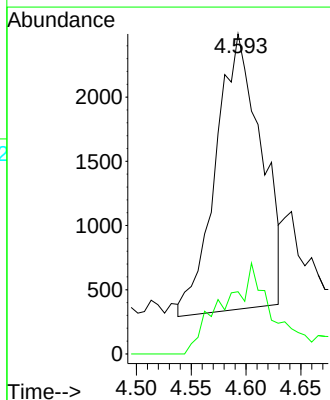
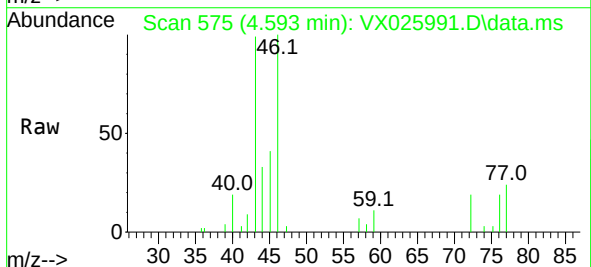
Instrument :
MSVOA_X
ClientSampleId :

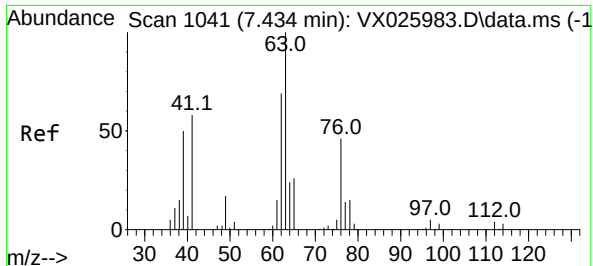
Tgt Ion: 43 Resp: 1632
Ion Ratio Lower Upper
43 100
58 30.1 0.0 65.6



#22
2-Butanone
Concen: 4.693 ug/L
RT: 4.593 min Scan# 575
Delta R.T. 0.031 min
Lab File: VX025991.D
Acq: 24 Dec 2021 00:09

Tgt Ion: 43 Resp: 6182
Ion Ratio Lower Upper
43 100
72 17.6 13.8 41.3





#37

1,2-Dichloropropane

Concen: 7.124 ug/L

RT: 7.312 min Scan# 10957

Delta R.T. -0.122 min

Lab File: VX025991.D

Acq: 24 Dec 2021 00:09

Instrument :

MSVOA_X

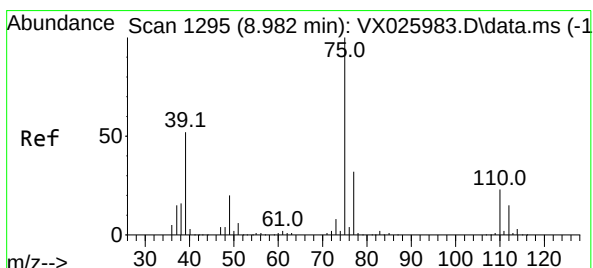
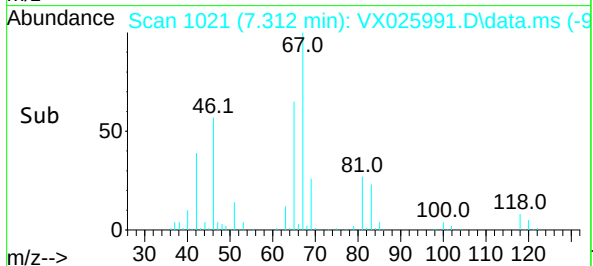
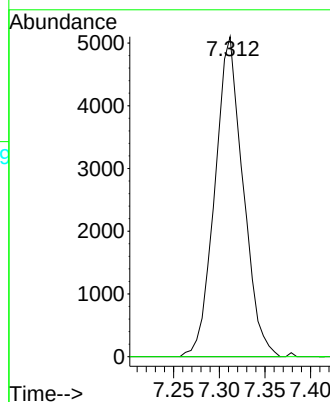
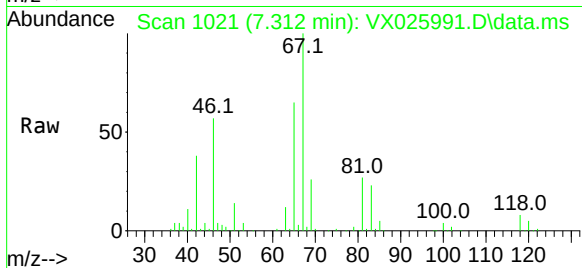
ClientSampleId :

Tgt Ion: 63 Resp: 10957

Ion Ratio Lower Upper

63 100

112 0.2 4.0 6.0#



#44

trans-1,3-Dichloropropene

Concen: 0.754 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX025991.D

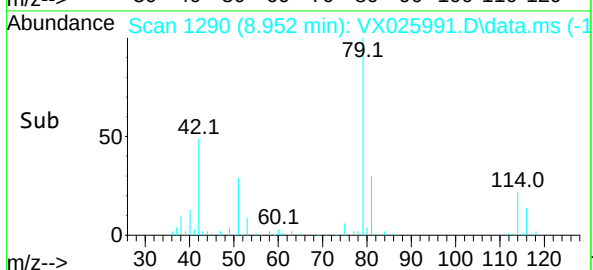
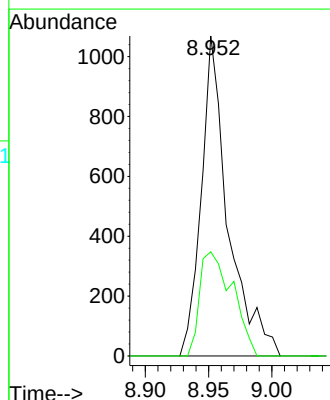
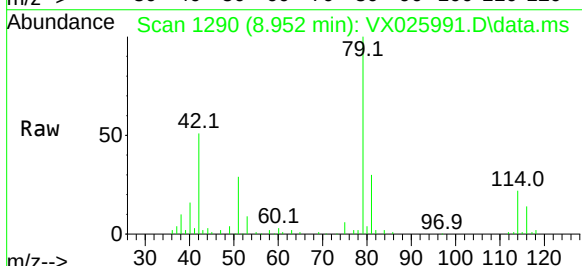
Acq: 24 Dec 2021 00:09

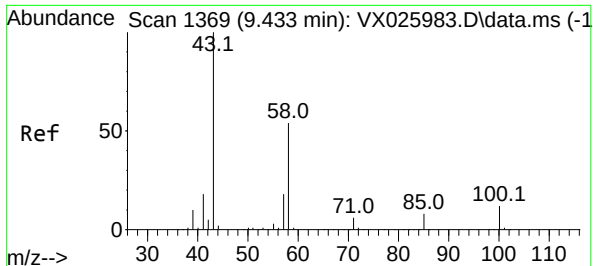
Tgt Ion: 75 Resp: 1581

Ion Ratio Lower Upper

75 100

77 32.6 23.0 42.8





#48

2-Hexanone

Concen: 6.335 ug/L

RT: 9.403 min Scan# 1

Delta R.T. -0.030 min

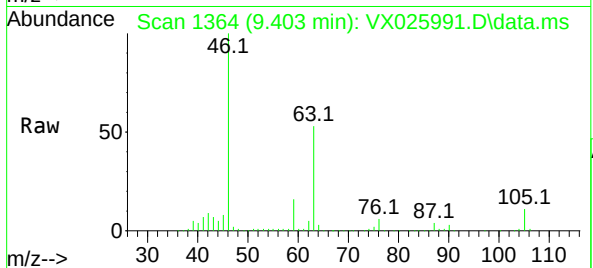
Lab File: VX025991.D

Acq: 24 Dec 2021 00:09

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 12459

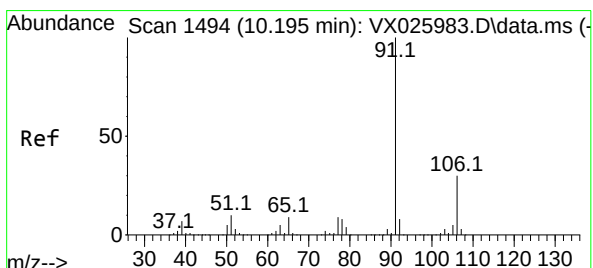
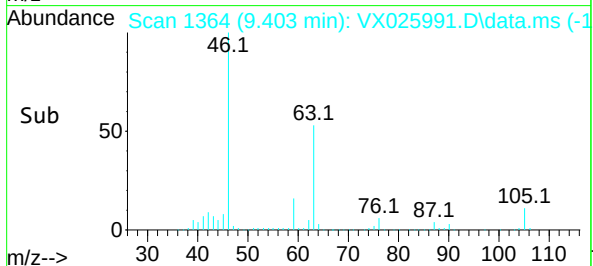
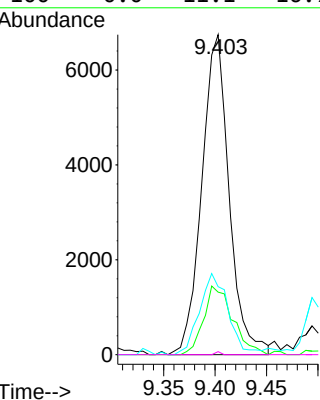
Ion Ratio Lower Upper

43 100

58 22.8 44.2 66.4#

57 26.2 15.1 22.7#

100 0.0 11.1 16.7#



#52

Ethylbenzene

Concen: 13.996 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX025991.D

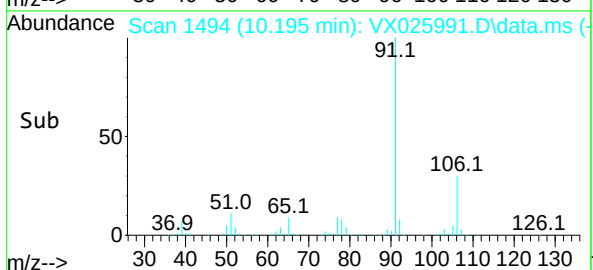
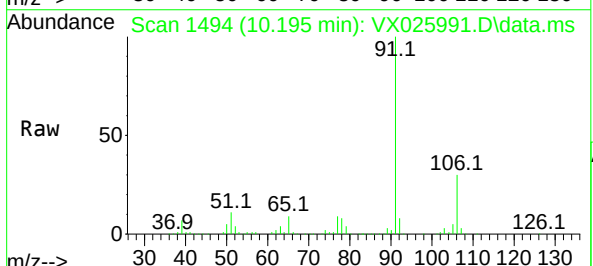
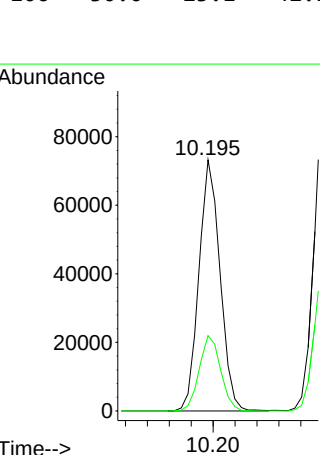
Acq: 24 Dec 2021 00:09

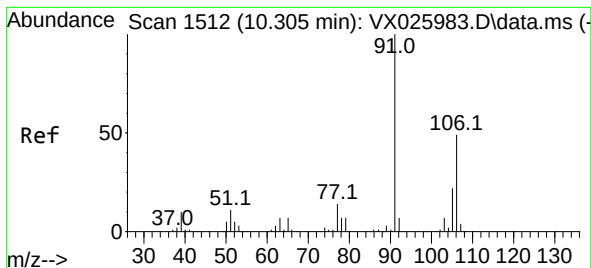
Tgt Ion: 91 Resp: 97953

Ion Ratio Lower Upper

91 100

106 30.0 23.1 42.9





#53

m,p-Xylene

Concen: 25.976 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX025991.D

Acq: 24 Dec 2021 00:09

Instrument :

MSVOA_X

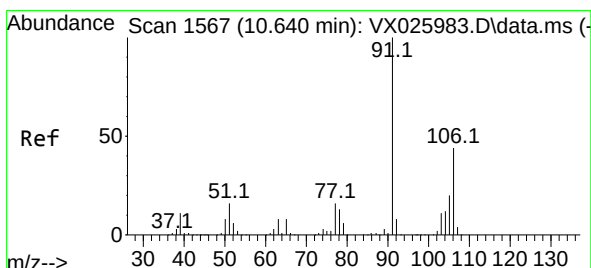
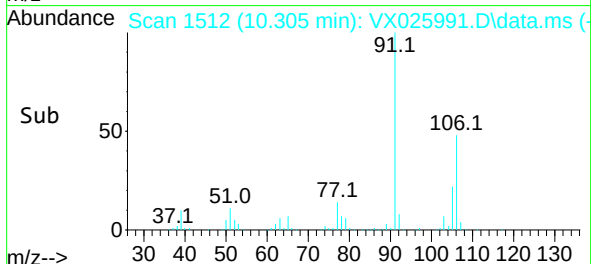
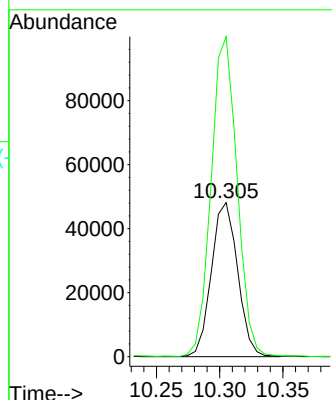
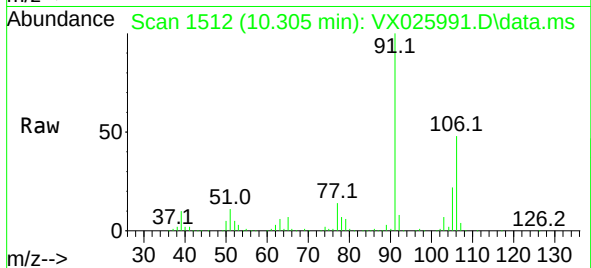
ClientSampleId :

Tgt Ion:106 Resp: 69394

Ion Ratio Lower Upper

106 100

91 207.7 136.8 254.2



#54

o-Xylene

Concen: 8.709 ug/L

RT: 10.647 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX025991.D

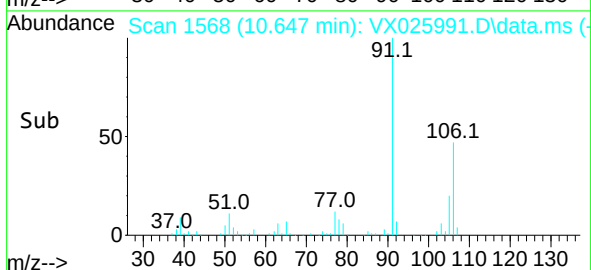
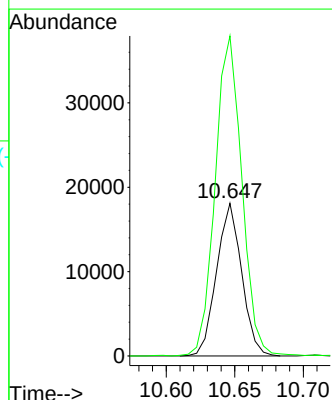
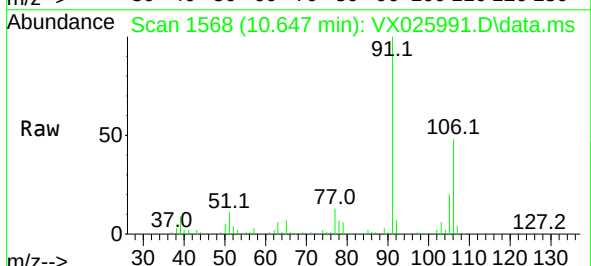
Acq: 24 Dec 2021 00:09

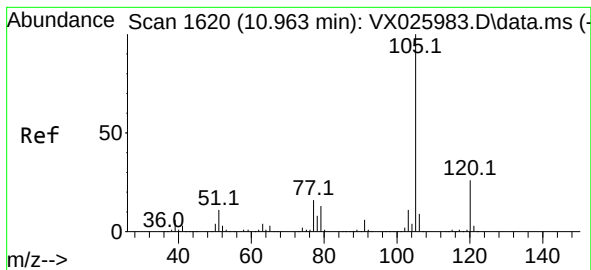
Tgt Ion:106 Resp: 23045

Ion Ratio Lower Upper

106 100

91 209.5 140.5 260.9





#60

Isopropylbenzene

Concen: 2.682 ug/L

RT: 11.384 min Scan# 1

Delta R.T. 0.421 min

Lab File: VX025991.D

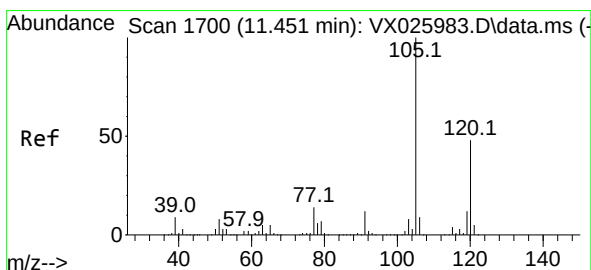
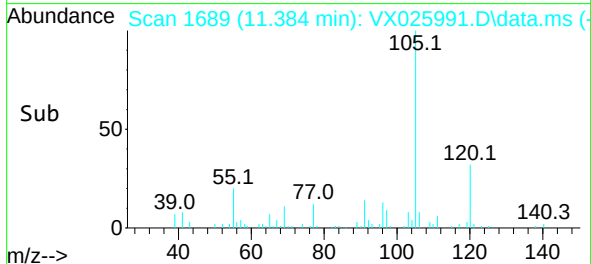
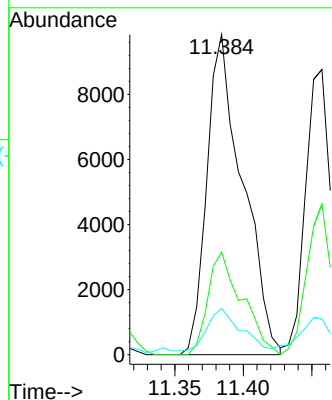
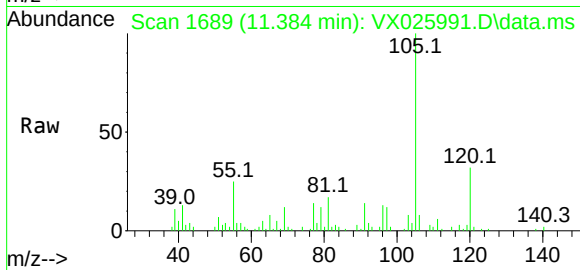
Acq: 24 Dec 2021 00:09

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:105	Resp:	17855
Ion Ratio	Lower	Upper
105	100	
120	30.6	22.3 33.5
77	13.3	11.5 17.3



#62

1,3,5-Trimethylbenzene

Concen: 2.074 ug/L

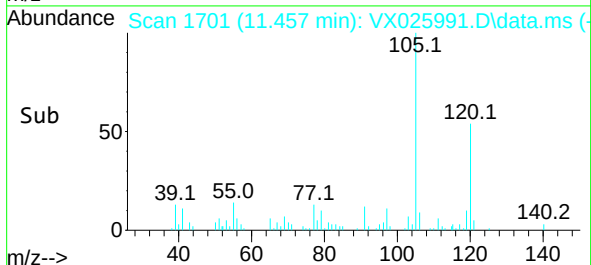
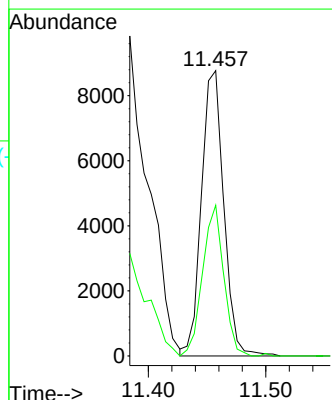
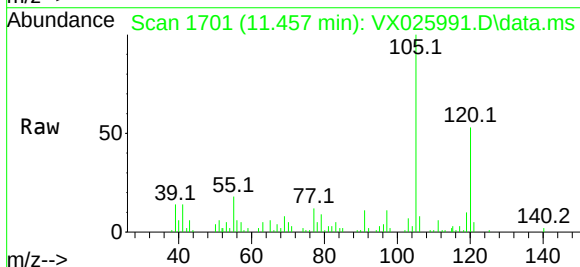
RT: 11.457 min Scan# 1701

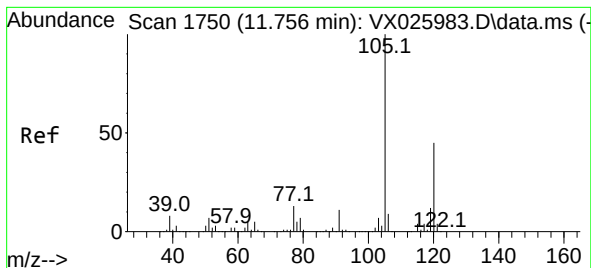
Delta R.T. 0.006 min

Lab File: VX025991.D

Acq: 24 Dec 2021 00:09

Tgt Ion:105	Resp:	11557
Ion Ratio	Lower	Upper
105	100	
120	49.9	41.0 61.4





#63

1,2,4-Trimethylbenzene

Concen: 8.302 ug/L

RT: 11.756 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025991.D

Acq: 24 Dec 2021 00:09

Instrument :

MSVOA_X

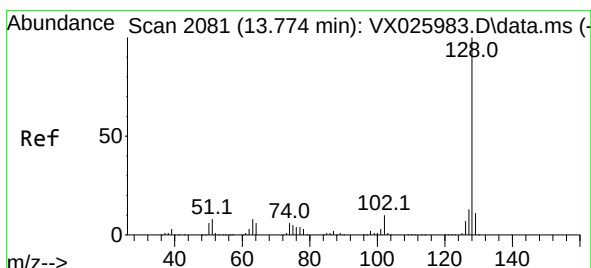
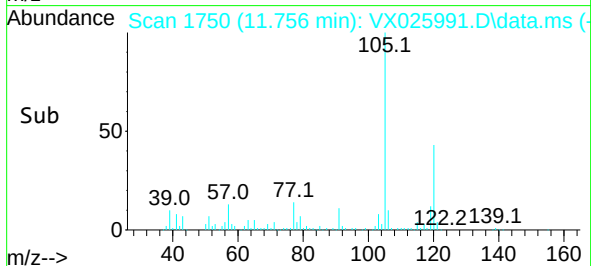
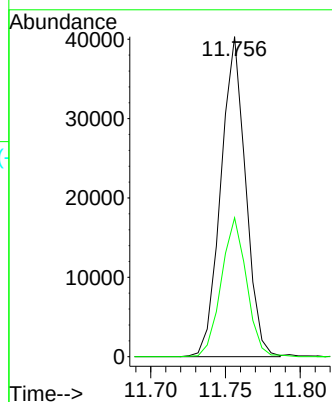
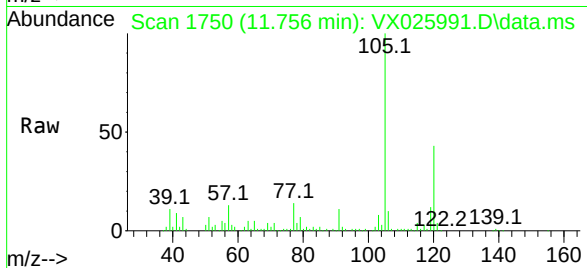
ClientSampleId :

Tgt Ion:105 Resp: 46354

Ion Ratio Lower Upper

105 100

120 43.6 0.1 0.1#



#71

Naphthalene

Concen: 64.689 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX025991.D

Acq: 24 Dec 2021 00:09

Tgt Ion:128 Resp: 434209

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 11.1 8.7 13.1

