

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025581.D
 Acq On : 07 Dec 2021 15:53
 Operator : JC/MD
 Sample : M4883-07ME
 Misc : 3.17g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 08 05:35:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 05:26:42 2021
 Response via : Initial Calibration

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

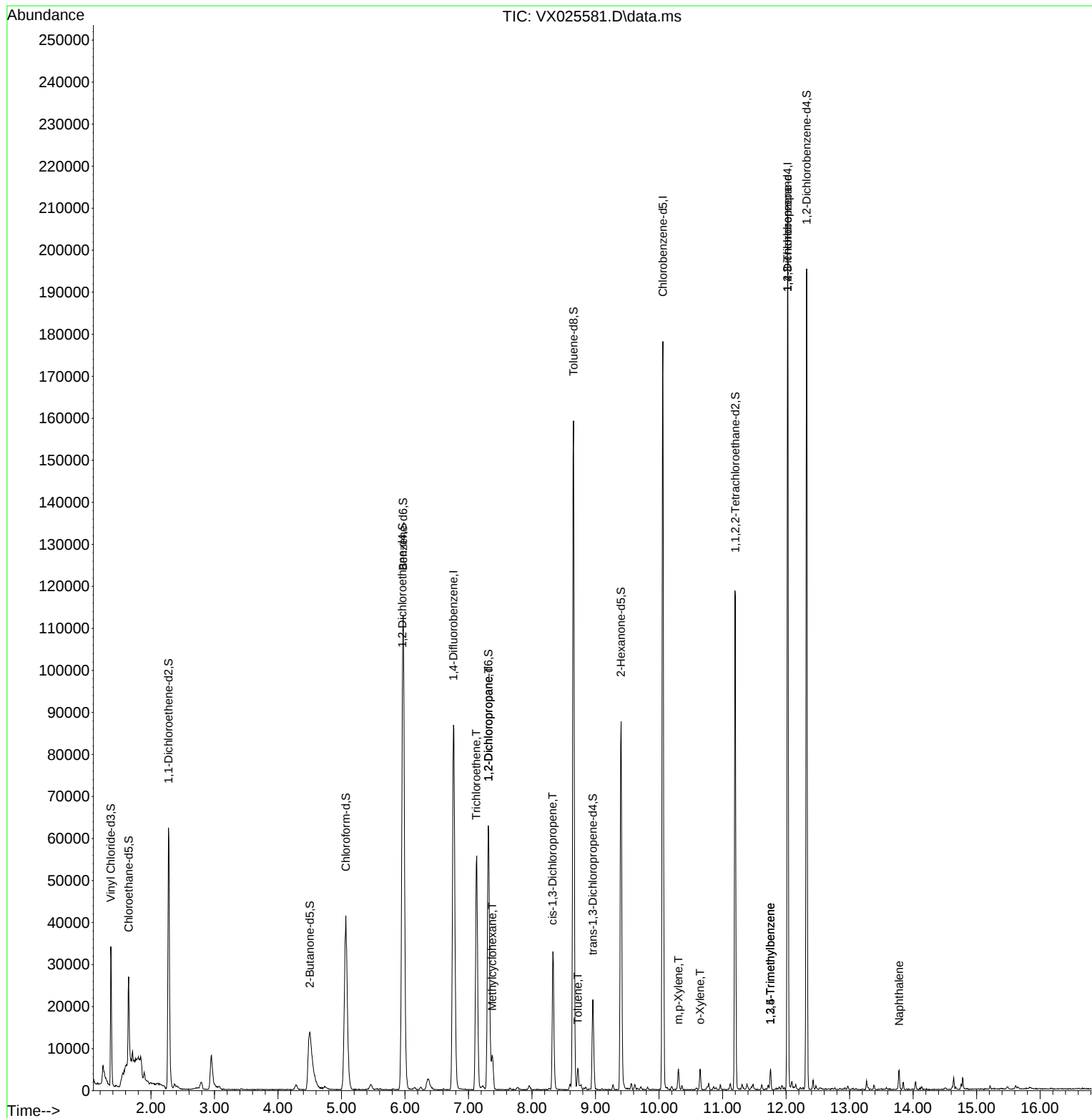
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	103604	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	91076	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	44492	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	24017	33.968	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.940%		
7) Chloroethane-d5	1.648	69	13048	22.360	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	44.720%#		
11) 1,1-Dichloroethene-d2	2.276	63	37235	33.028	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.060%		
21) 2-Butanone-d5	4.501	46	40652	77.237	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.240%		
24) Chloroform-d	5.068	84	51902	42.002	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.000%		
26) 1,2-Dichloroethane-d4	5.958	65	34406	44.669	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.340%		
32) Benzene-d6	5.970	84	113195	46.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.780%		
36) 1,2-Dichloropropane-d6	7.312	67	34331	45.938	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.880%		
41) Toluene-d8	8.653	98	102689	45.072	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.140%		
43) trans-1,3-Dichloroprop...	8.958	79	11447	30.466	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.940%		
47) 2-Hexanone-d5	9.403	63	30160	77.528	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.530%		
56) 1,1,2,2-Tetrachloroeth...	11.201	84	44746	42.365	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.740%		
66) 1,2-Dichlorobenzene-d4	12.323	152	40860	46.823	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.640%		
Target Compounds						Qvalue
34) Trichloroethene	7.123	95	21097	32.967	ug/L	96
35) Methylcyclohexane	7.373	83	3251	3.228	ug/L	91
37) 1,2-Dichloropropane	7.312	63	3822	6.263	ug/L #	85
39) cis-1,3-Dichloropropene	8.324	75	855	0.860	ug/L #	60
42) Toluene	8.720	91	3620	1.349	ug/L	99
53) m,p-Xylene	10.305	106	1303	1.115	ug/L	98
54) o-Xylene	10.646	106	1187	1.015	ug/L	92
61) 1,2,3-Trichloropropane	12.024	75	5097	6.697	ug/L #	63
62) 1,3,5-Trimethylbenzene	11.756	105	1917	0.802	ug/L	94
63) 1,2,4-Trimethylbenzene	11.756	105	1917	0.793	ug/L #	80
71) Naphthalene	13.780	128	2959	1.087	ug/L	98

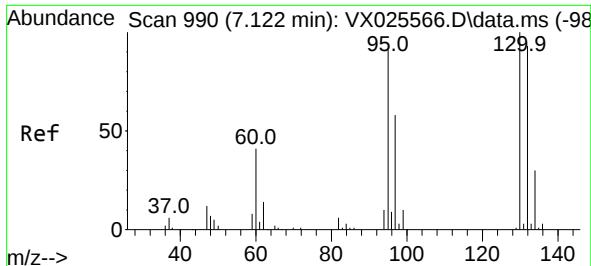
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :

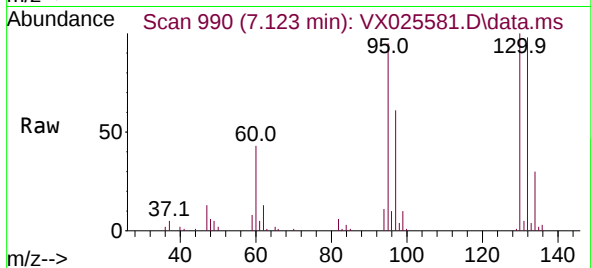
Quant Time: Dec 08 05:35:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
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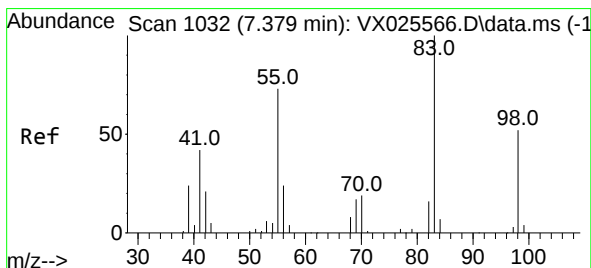
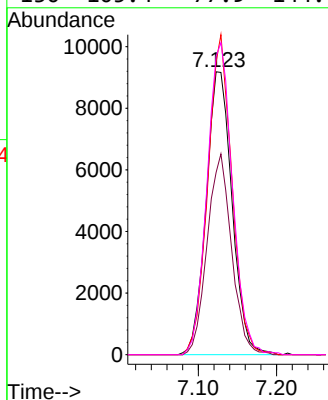
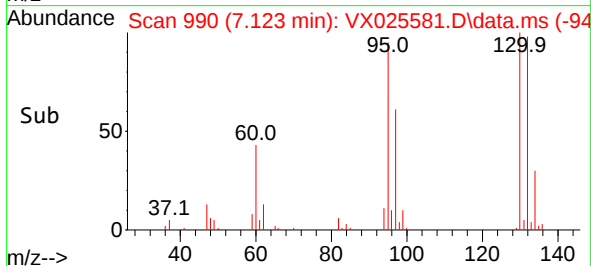


#34
Trichloroethene
Concen: 32.967 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX025581.D
Acq: 07 Dec 2021 15:53

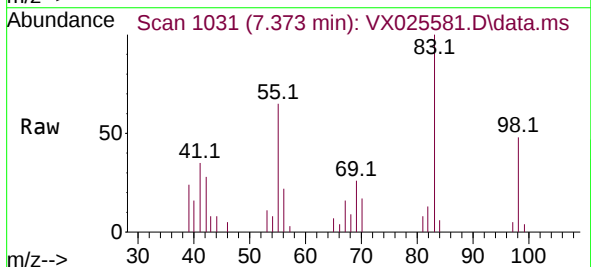
Instrument :
MSVOA_X
ClientSampleId :



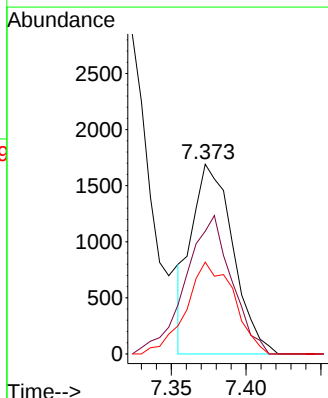
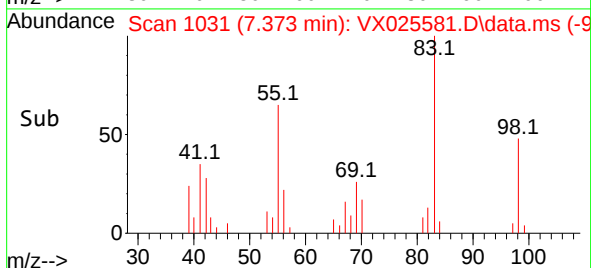
Tgt Ion: 95 Resp: 21097
Ion Ratio Lower Upper
95 100
97 64.4 46.0 85.4
132 103.4 75.0 139.2
130 105.4 77.9 144.7

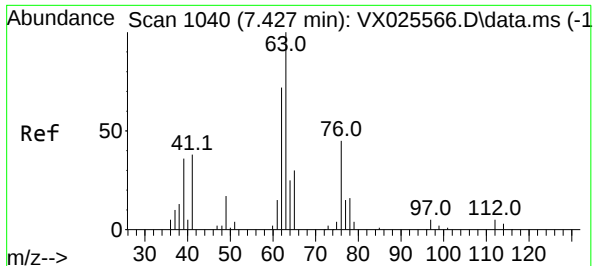


#35
Methylcyclohexane
Concen: 3.228 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX025581.D
Acq: 07 Dec 2021 15:53



Tgt Ion: 83 Resp: 3251
Ion Ratio Lower Upper
83 100
55 81.3 57.3 85.9
98 55.7 41.1 61.7





#37

1,2-Dichloropropane

Concen: 6.263 ug/L

RT: 7.312 min Scan# 1187

Delta R.T. -0.116 min

Lab File: VX025581.D

Acq: 07 Dec 2021 15:53

Instrument :

MSVOA_X

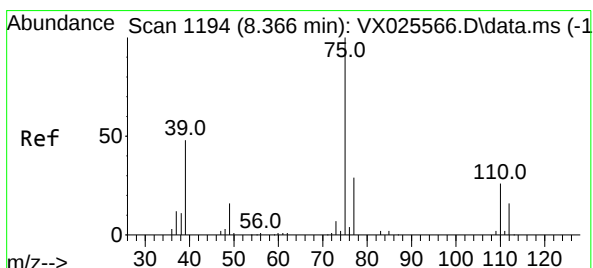
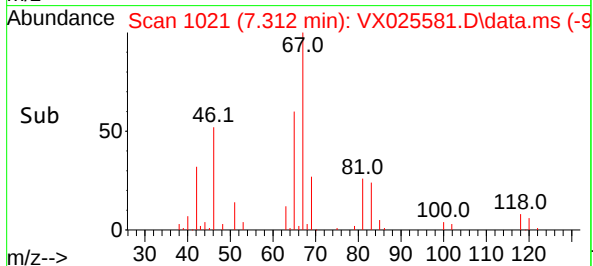
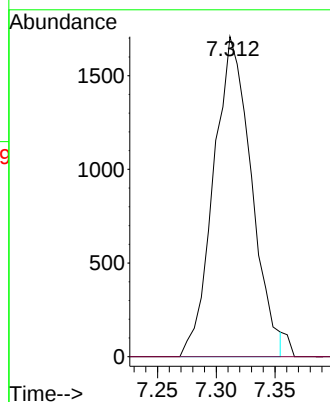
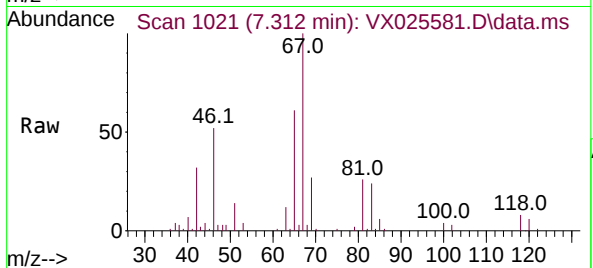
ClientSampleId :

Tgt Ion: 63 Resp: 3822

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.860 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.042 min

Lab File: VX025581.D

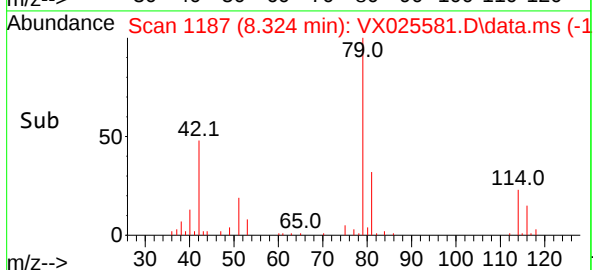
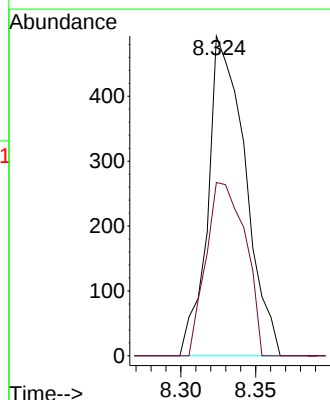
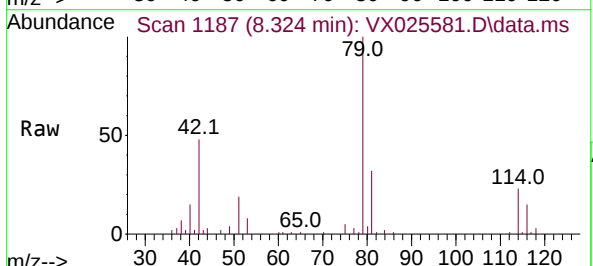
Acq: 07 Dec 2021 15:53

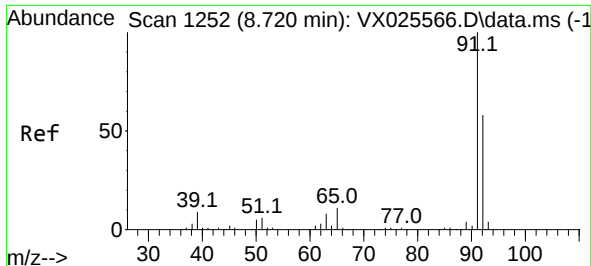
Tgt Ion: 75 Resp: 855

Ion Ratio Lower Upper

75 100

77 54.2 22.3 41.3#





#42

Toluene

Concen: 1.349 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025581.D

Acq: 07 Dec 2021 15:53

Instrument :

MSVOA_X

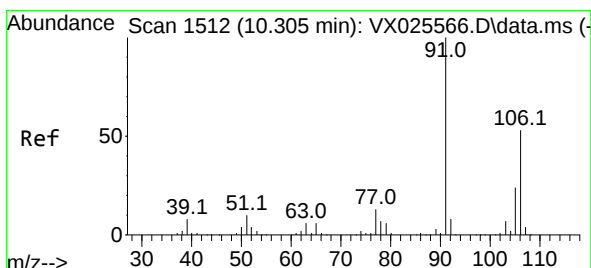
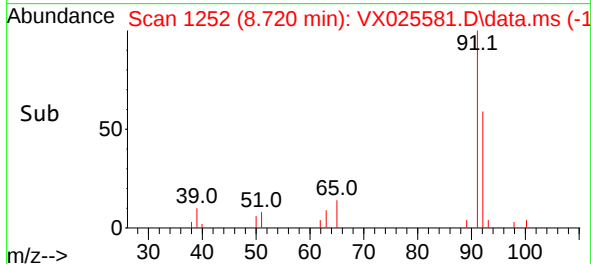
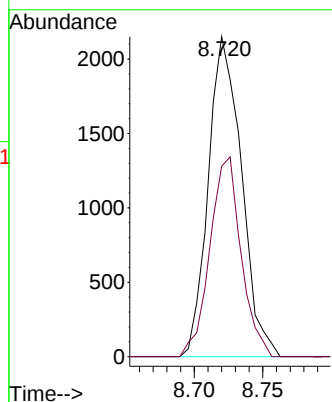
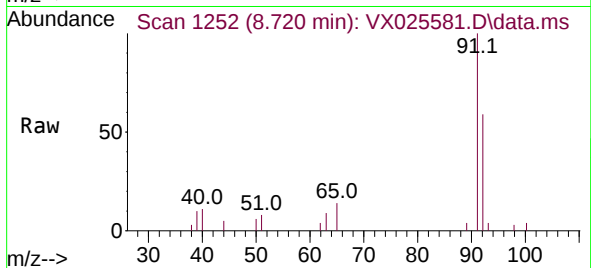
ClientSampleId :

Tgt Ion: 91 Resp: 3620

Ion Ratio Lower Upper

91 100

92 59.5 41.2 76.6



#53

m,p-Xylene

Concen: 1.115 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX025581.D

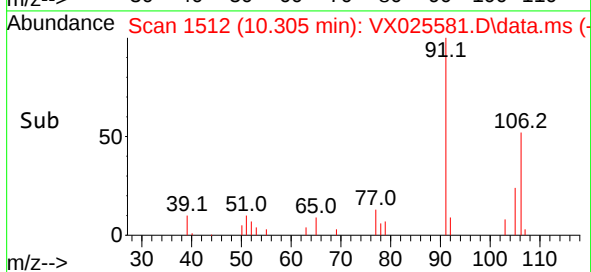
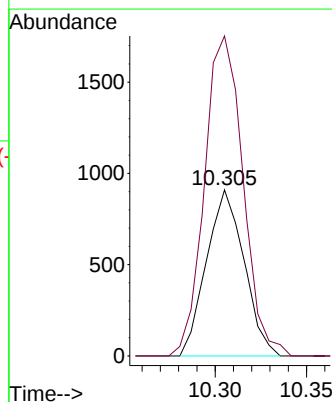
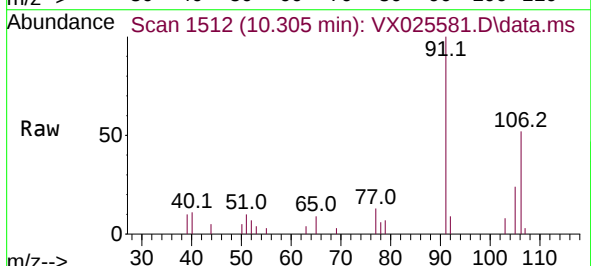
Acq: 07 Dec 2021 15:53

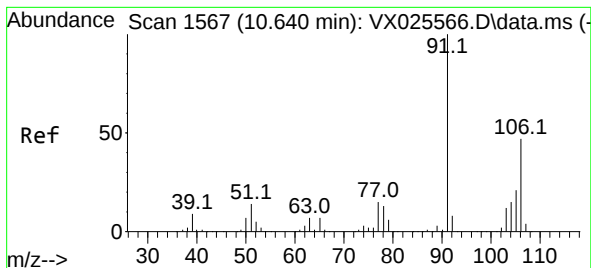
Tgt Ion: 106 Resp: 1303

Ion Ratio Lower Upper

106 100

91 192.6 136.8 254.2





#54

o-Xylene

Concen: 1.015 ug/L

RT: 10.646 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX025581.D

Acq: 07 Dec 2021 15:53

Instrument :

MSVOA_X

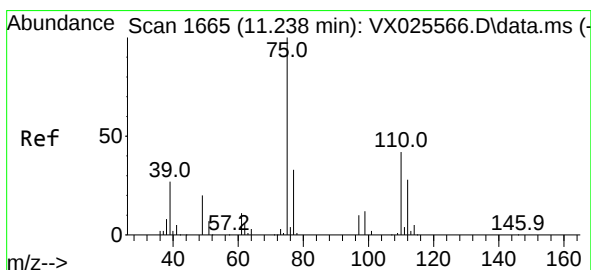
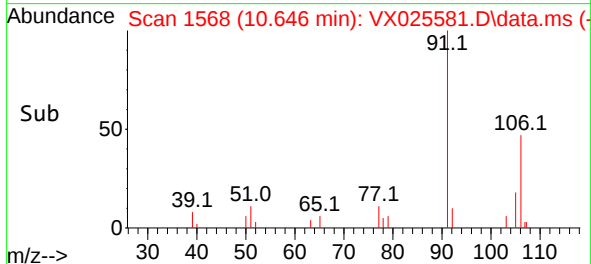
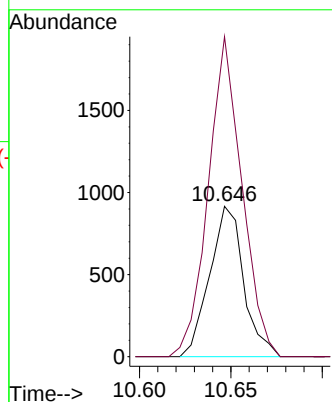
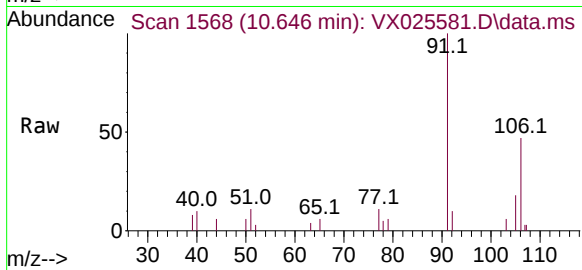
ClientSampleId :

Tgt Ion:106 Resp: 1187

Ion Ratio Lower Upper

106 100

91 212.8 140.5 260.9



#61

1,2,3-Trichloropropane

Concen: 6.697 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.787 min

Lab File: VX025581.D

Acq: 07 Dec 2021 15:53

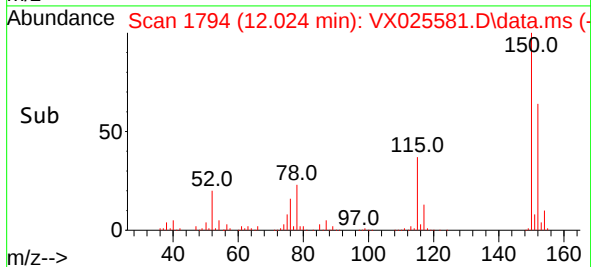
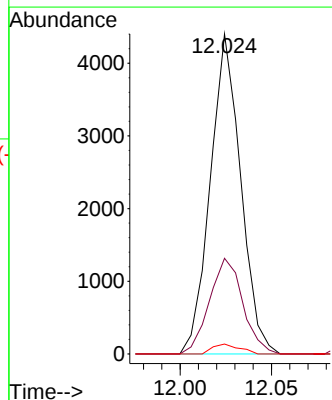
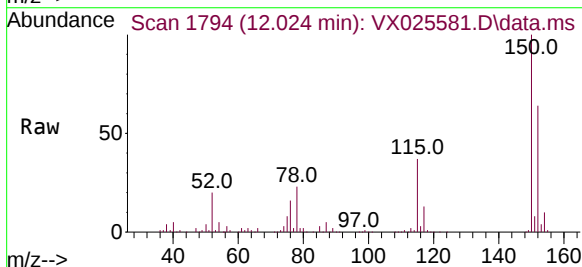
Tgt Ion: 75 Resp: 5097

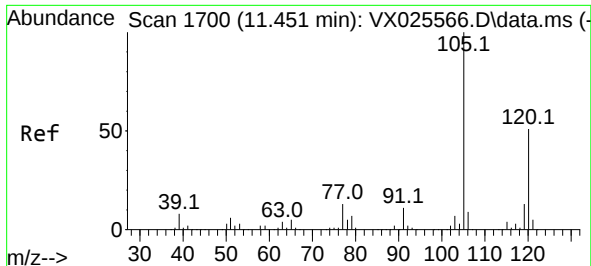
Ion Ratio Lower Upper

75 100

77 32.8 25.8 38.8

110 2.8 34.7 52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.802 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.305 min

Lab File: VX025581.D

Acq: 07 Dec 2021 15:53

Instrument :

MSVOA_X

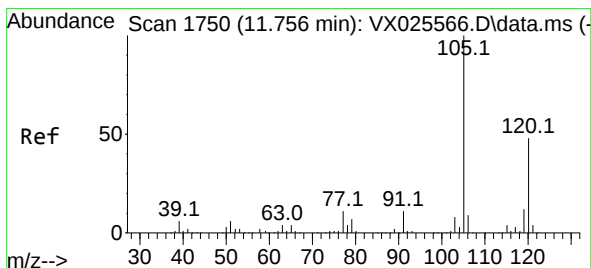
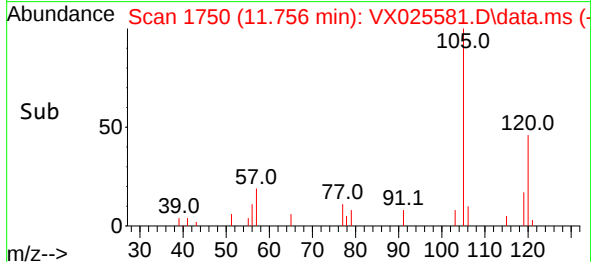
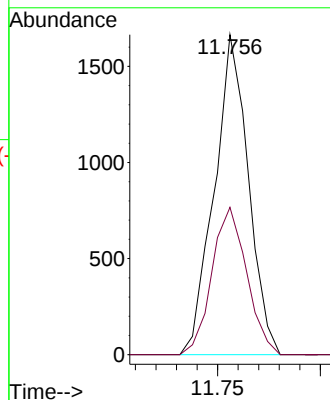
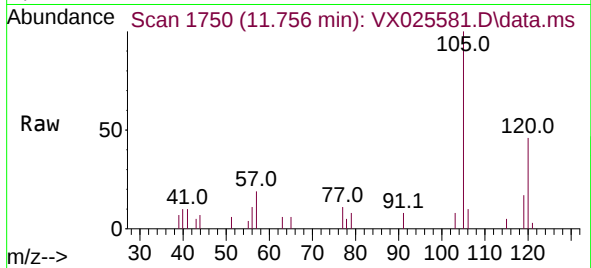
ClientSampleId :

Tgt Ion:105 Resp: 1917

Ion Ratio Lower Upper

105 100

120 47.1 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 0.793 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX025581.D

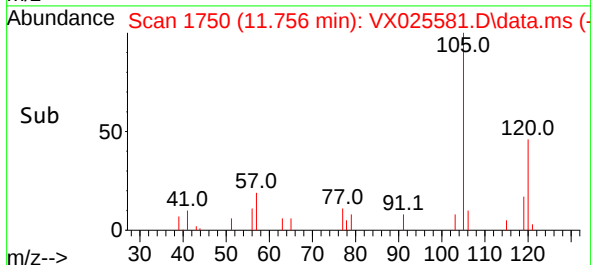
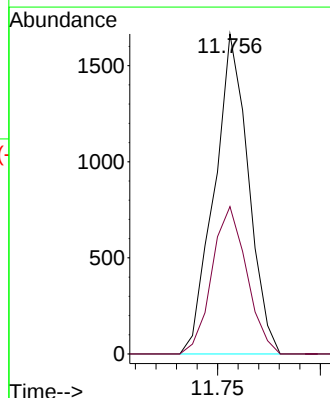
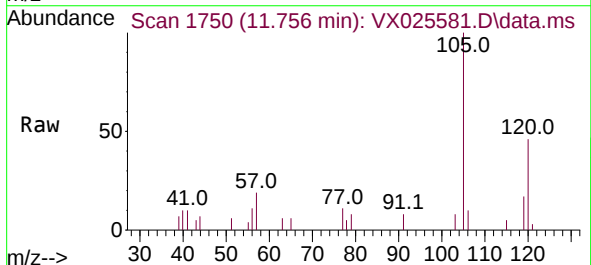
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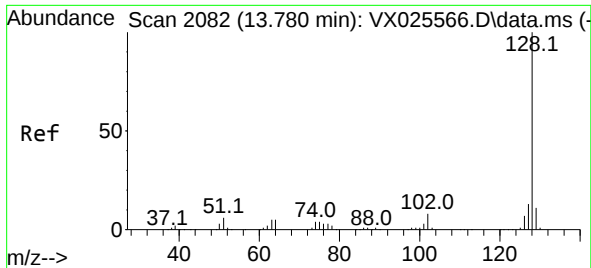
Tgt Ion:105 Resp: 1917

Ion Ratio Lower Upper

105 100

120 47.1 0.1 0.1#





#71

Naphthalene

Concen: 1.087 ug/L

RT: 13.780 min Scan# 20

Delta R.T. 0.000 min

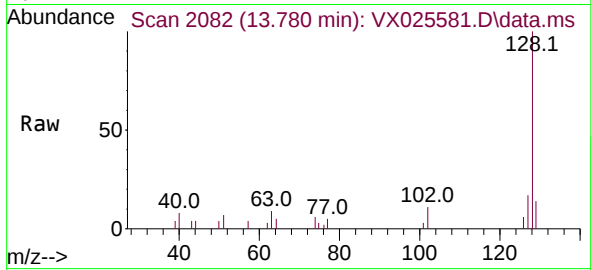
Lab File: VX025581.D

Acq: 07 Dec 2021 15:53

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 2959

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 12.4 8.7 13.1

