

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025584.D
 Acq On : 07 Dec 2021 17:26
 Operator : JC/MD
 Sample : M4881-11ME
 Misc : 5.13g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 08 05:36:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.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)

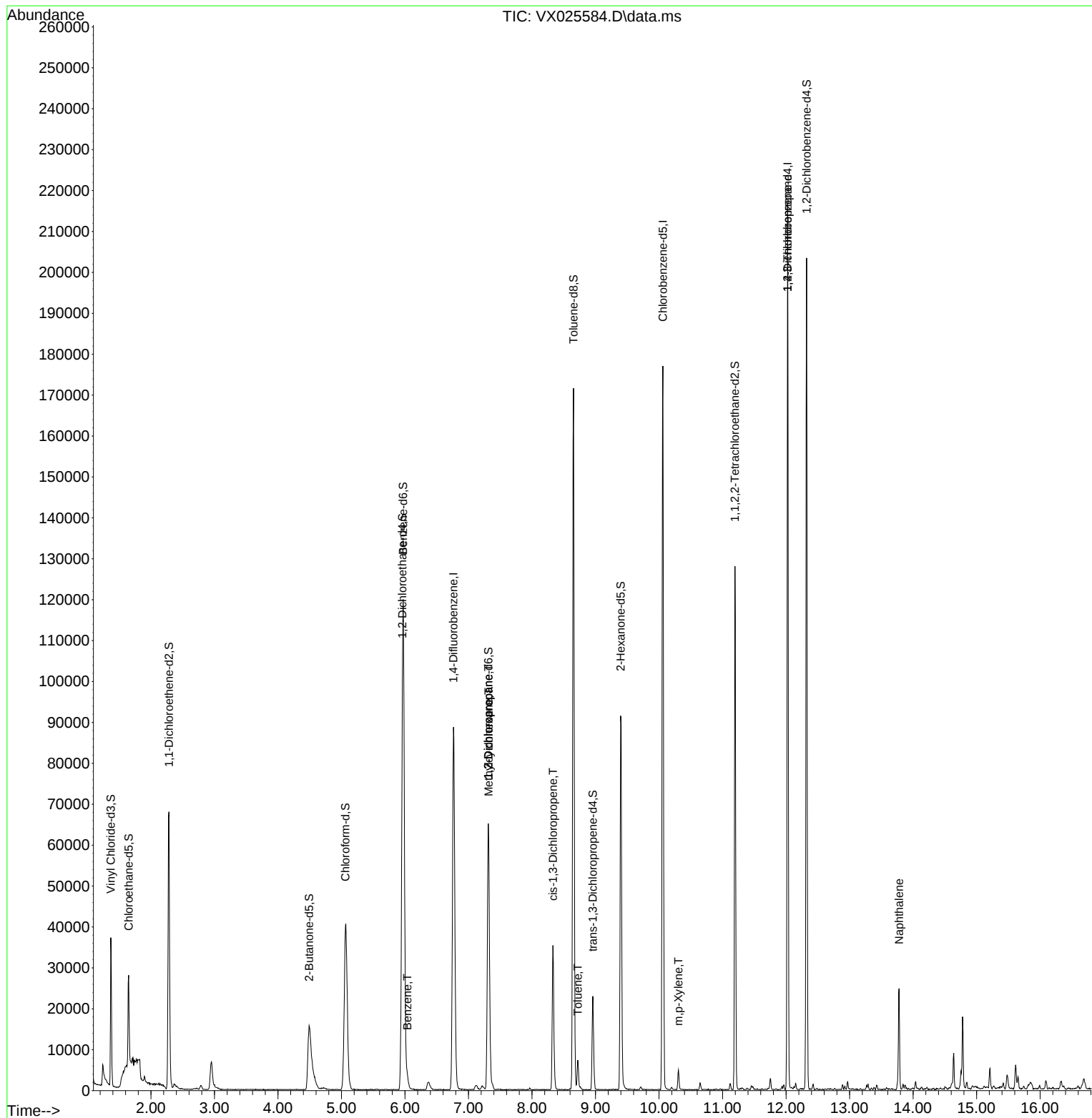
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	101932	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	89988	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	44864	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	25656	36.881	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.760%		
7) Chloroethane-d5	1.648	69	13928	24.259	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	48.520%#		
11) 1,1-Dichloroethene-d2	2.282	63	39070	35.225	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.440%		
21) 2-Butanone-d5	4.489	46	43730	84.448	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.450%		
24) Chloroform-d	5.062	84	54107	44.504	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.000%		
26) 1,2-Dichloroethane-d4	5.958	65	35972	47.468	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.940%		
32) Benzene-d6	5.970	84	117175	49.131	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.260%		
36) 1,2-Dichloropropane-d6	7.312	67	34801	47.129	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.260%		
41) Toluene-d8	8.653	98	105763	46.982	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.960%		
43) trans-1,3-Dichloroprop...	8.958	79	12393	33.382	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.760%		
47) 2-Hexanone-d5	9.397	63	30748	79.995	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.000%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	45798	43.885	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.780%		
66) 1,2-Dichlorobenzene-d4	12.323	152	43333	49.246	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.500%		
Target Compounds						Qvalue
33) Benzene	6.037	78	3296	1.371	ug/L	100
35) Methylcyclohexane	7.318	83	8908	8.951	ug/L #	24
37) 1,2-Dichloropropane	7.312	63	3893	6.456	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	917	0.934	ug/L #	63
42) Toluene	8.720	91	5265	1.986	ug/L	93
53) m,p-Xylene	10.305	106	1367	1.184	ug/L	92
61) 1,2,3-Trichloropropane	12.024	75	5068	6.604	ug/L #	64
71) Naphthalene	13.780	128	15525	5.658	ug/L	98

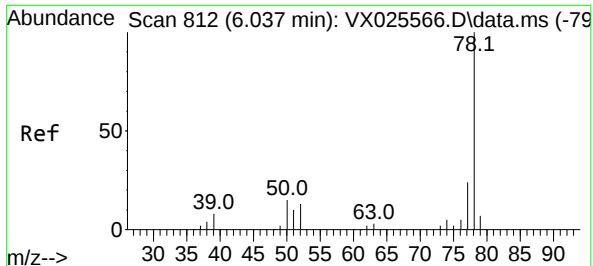
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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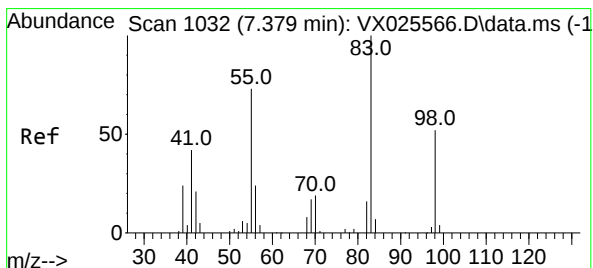
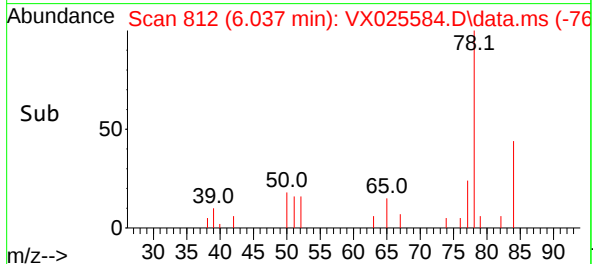
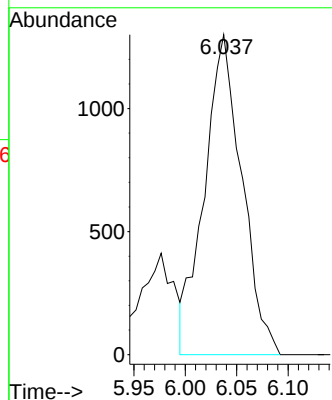
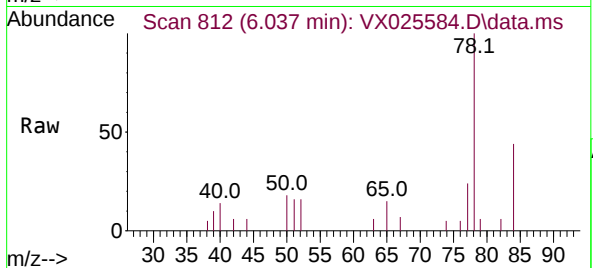




#33
Benzene
Concen: 1.371 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX025584.D
Acq: 07 Dec 2021 17:26

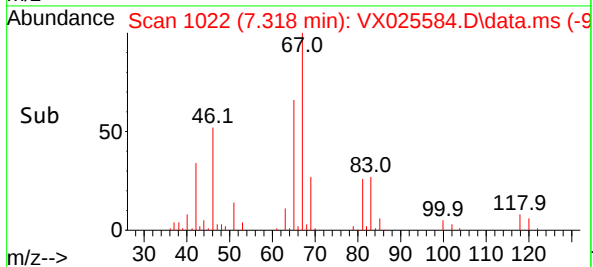
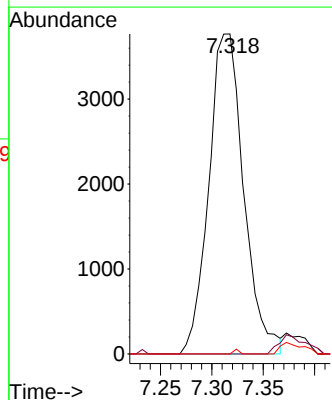
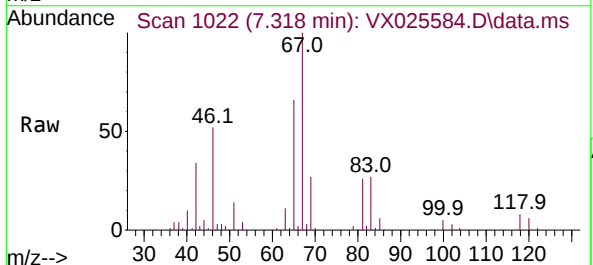
Instrument :
MSVOA_X
ClientSampleId :

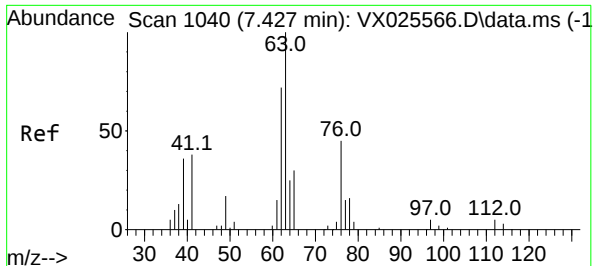
Tgt Ion: 78 Resp: 3296



#35
Methylcyclohexane
Concen: 8.951 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.061 min
Lab File: VX025584.D
Acq: 07 Dec 2021 17:26

Tgt Ion: 83 Resp: 8908
Ion Ratio Lower Upper
83 100
55 4.4 57.3 85.9#
98 2.3 41.1 61.7#





#37

1,2-Dichloropropane

Concen: 6.456 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.116 min

Lab File: VX025584.D

Acq: 07 Dec 2021 17:26

Instrument :

MSVOA_X

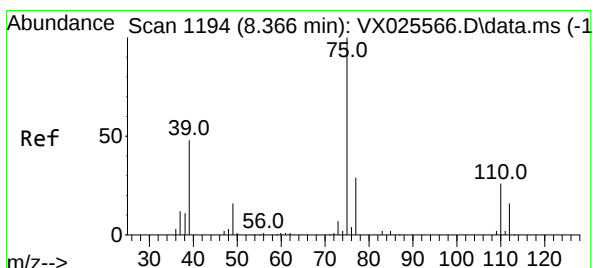
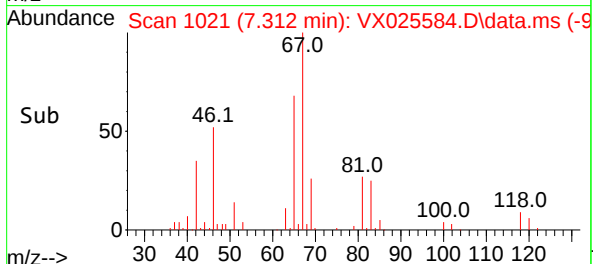
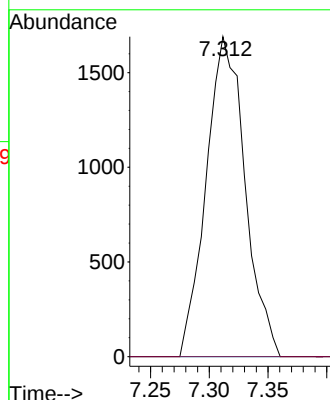
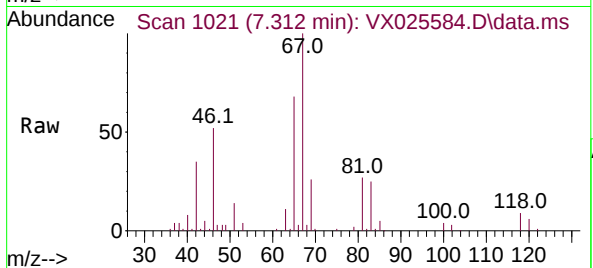
ClientSampleId :

Tgt Ion: 63 Resp: 3893

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.934 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025584.D

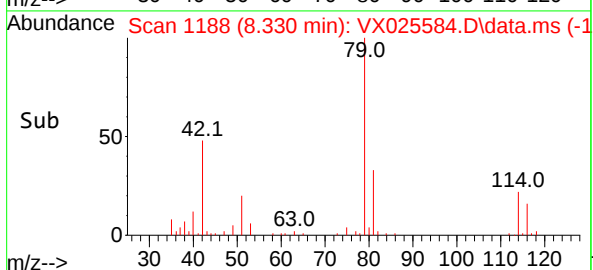
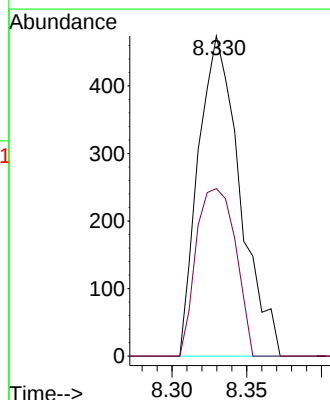
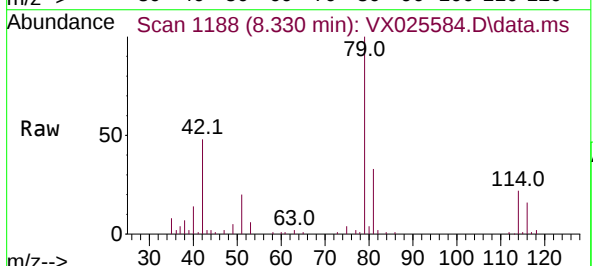
Acq: 07 Dec 2021 17:26

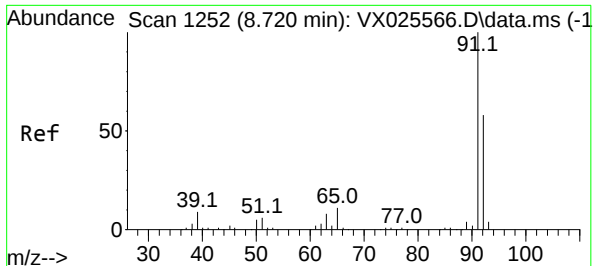
Tgt Ion: 75 Resp: 917

Ion Ratio Lower Upper

75 100

77 52.3 22.3 41.3#





#42

Toluene

Concen: 1.986 ug/L

RT: 8.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025584.D

Acq: 07 Dec 2021 17:26

Instrument :

MSVOA_X

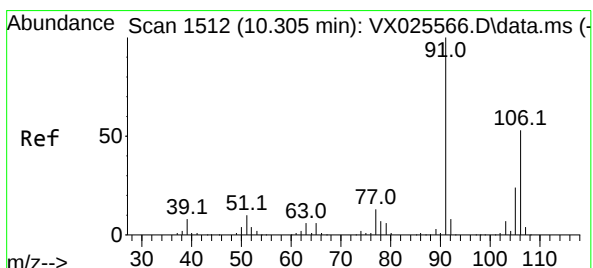
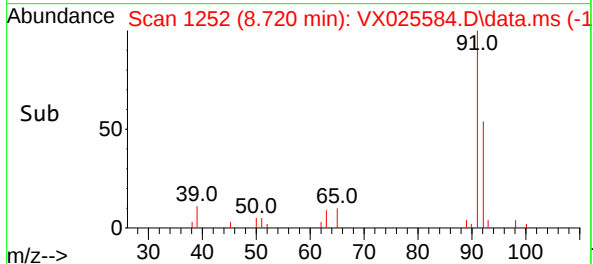
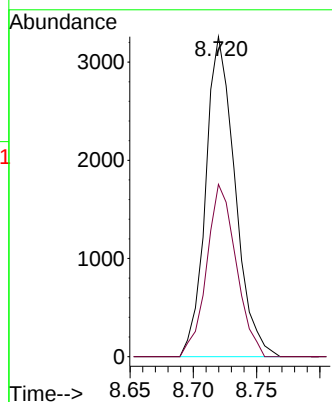
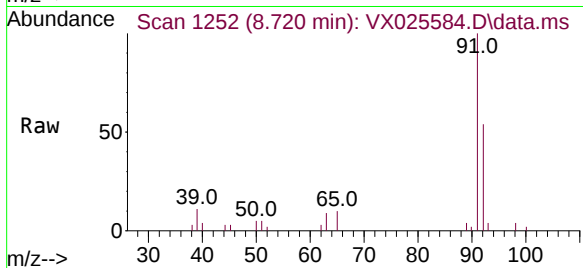
ClientSampleId :

Tgt Ion: 91 Resp: 5265

Ion Ratio Lower Upper

91 100

92 53.9 41.2 76.6



#53

m,p-Xylene

Concen: 1.184 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX025584.D

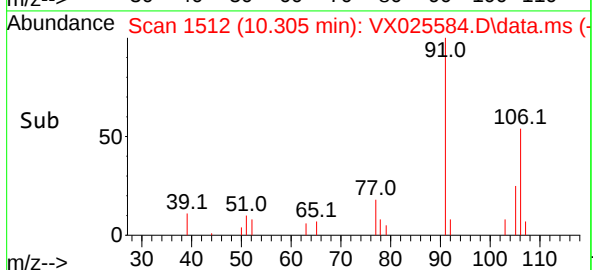
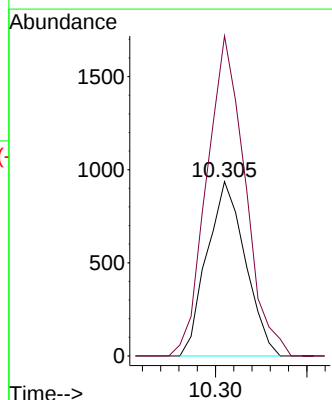
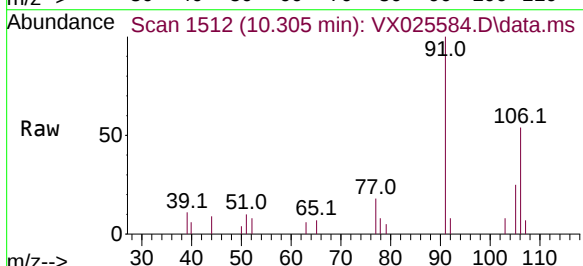
Acq: 07 Dec 2021 17:26

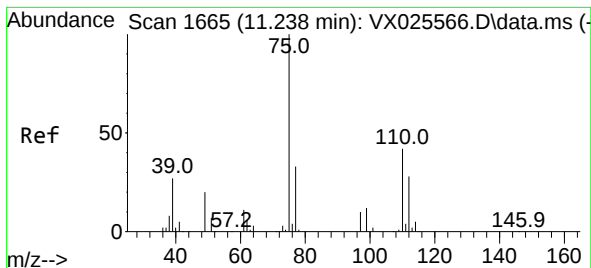
Tgt Ion: 106 Resp: 1367

Ion Ratio Lower Upper

106 100

91 183.5 136.8 254.2





#61

1,2,3-Trichloropropane

Concen: 6.604 ug/L

RT: 12.024 min Scan# 1

Delta R.T. 0.787 min

Lab File: VX025584.D

Acq: 07 Dec 2021 17:26

Instrument :

MSVOA_X

ClientSampleId :

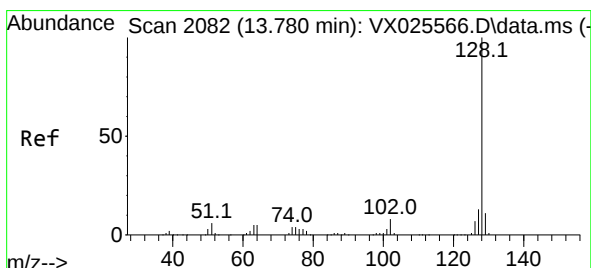
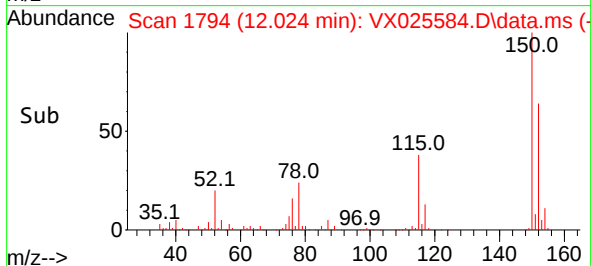
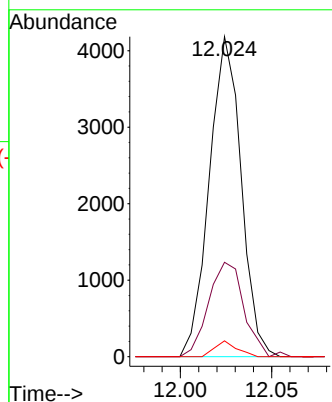
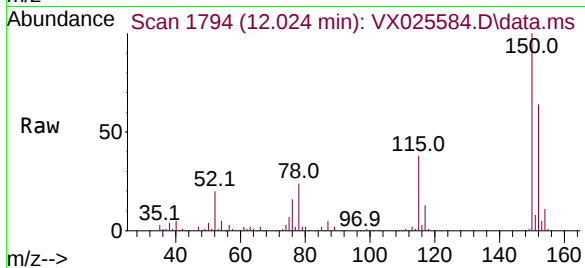
Tgt Ion: 75 Resp: 5068

Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.8

110 3.4 34.7 52.1#



#71

Naphthalene

Concen: 5.658 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX025584.D

Acq: 07 Dec 2021 17:26

Tgt Ion: 128 Resp: 15525

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 12.1 8.7 13.1

