

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025605.D
 Acq On : 08 Dec 2021 02:37
 Operator : JC/MD
 Sample : M4885-14ME
 Misc : 3.54g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 08 13:58:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 07:24:50 2021
 Response via : Initial Calibration

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

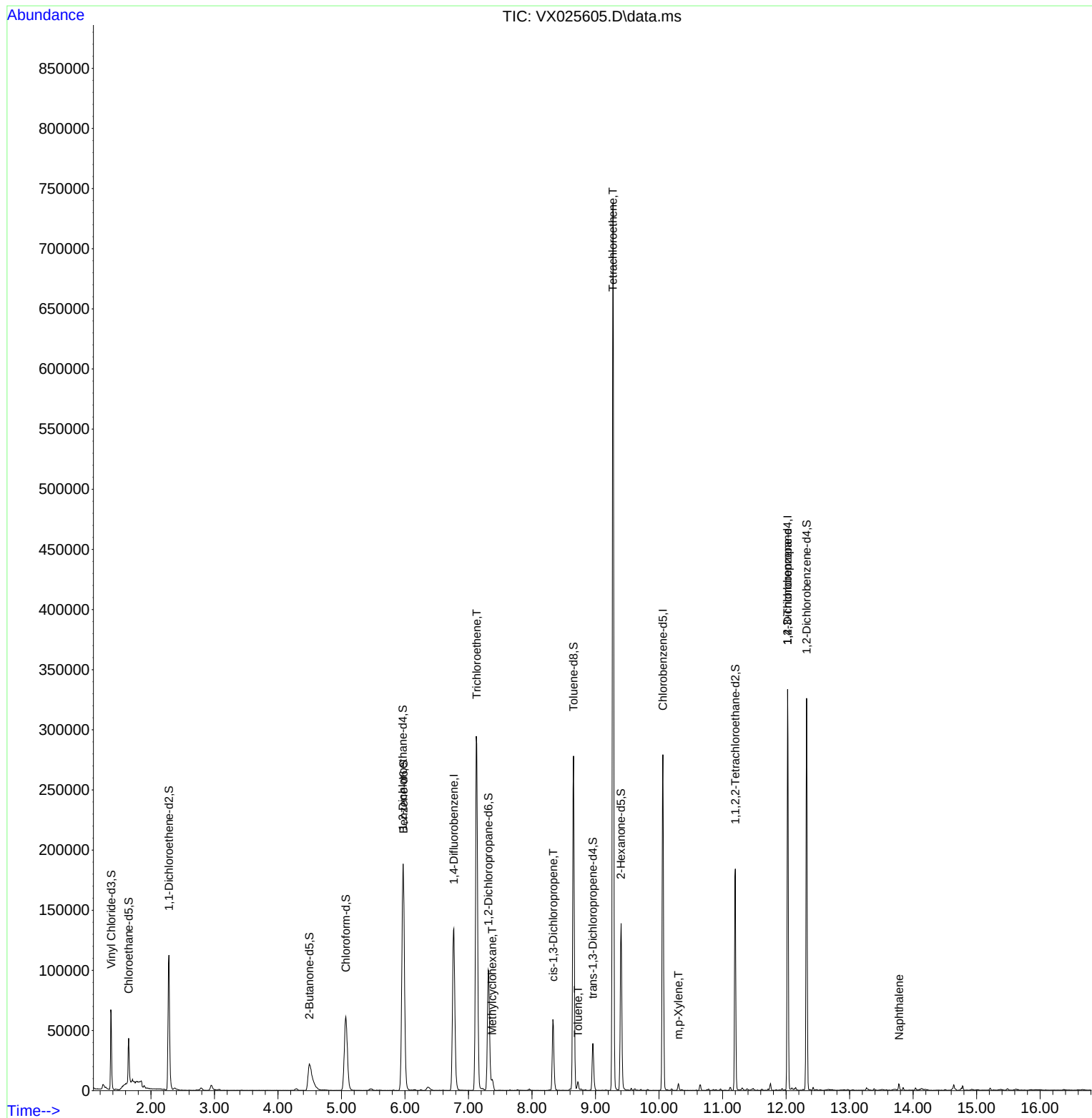
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	159236	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	141398	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	71180	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	47359	43.580	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.160%		
7) Chloroethane-d5	1.648	69	23204	25.871	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	51.740%#		
11) 1,1-Dichloroethene-d2	2.282	63	66751	38.524	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.040%		
21) 2-Butanone-d5	4.495	46	66768	82.537	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.540%		
24) Chloroform-d	5.068	84	83967	44.210	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.420%		
26) 1,2-Dichloroethane-d4	5.964	65	56279	47.540	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.080%		
32) Benzene-d6	5.976	84	188509	50.303	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.600%		
36) 1,2-Dichloropropane-d6	7.312	67	55430	47.774	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.540%		
41) Toluene-d8	8.653	98	173858	49.151	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.300%		
43) trans-1,3-Dichloroprop...	8.958	79	21279	36.478	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.960%		
47) 2-Hexanone-d5	9.403	63	47944	79.382	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.380%		
56) 1,1,2,2-Tetrachloroeth...	11.201	84	71196	43.418	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.840%		
66) 1,2-Dichlorobenzene-d4	12.323	152	67195	48.131	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.260%		
Target Compounds						Qvalue
34) Trichloroethene	7.129	95	112290	113.020	ug/L	99
35) Methylcyclohexane	7.372	83	3567	2.281	ug/L	94
39) cis-1,3-Dichloropropene	8.336	75	1664	1.078	ug/L #	82
42) Toluene	8.726	91	4924	1.182	ug/L	99
46) Tetrachloroethene	9.275	164	145774	173.005	ug/L	98
53) m,p-Xylene	10.305	106	1461	0.806	ug/L	84
61) 1,2,3-Trichloropropane	12.024	75	7849	6.446	ug/L #	63
71) Naphthalene	13.780	128	3598	0.826	ug/L	99

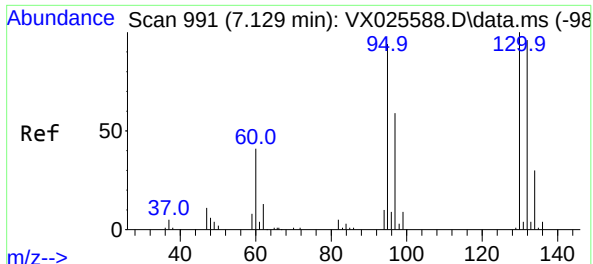
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Dec 08 07:24:50 2021
Response via : Initial Calibration





#34

Trichloroethene

Concen: 113.020 ug/L

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

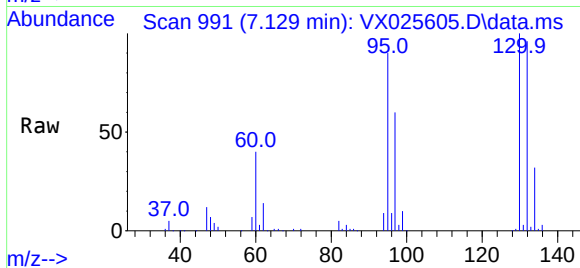
Lab File: VX025605.D

Acq: 08 Dec 2021 02:37

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 112290

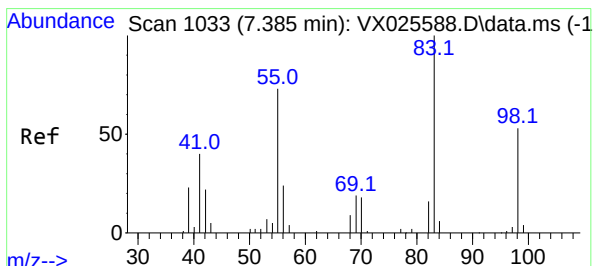
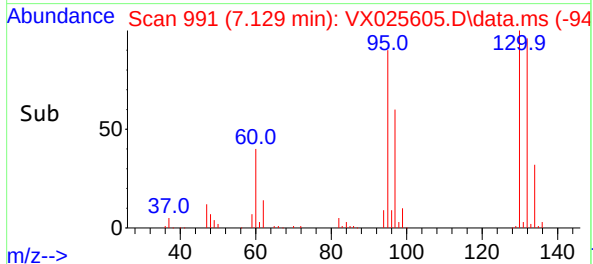
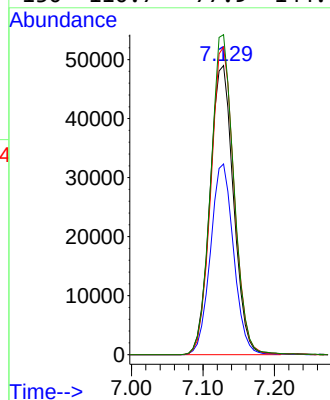
Ion Ratio Lower Upper

95 100

97 66.0 46.0 85.4

132 106.5 75.0 139.2

130 110.7 77.9 144.7



#35

Methylcyclohexane

Concen: 2.281 ug/L

RT: 7.372 min Scan# 1031

Delta R.T. -0.012 min

Lab File: VX025605.D

Acq: 08 Dec 2021 02:37

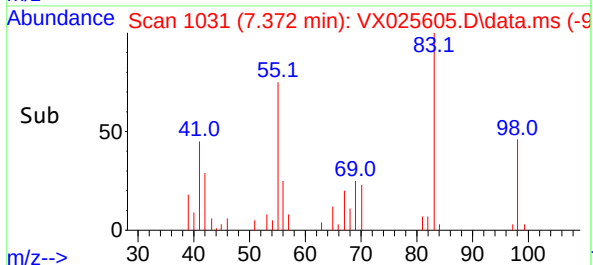
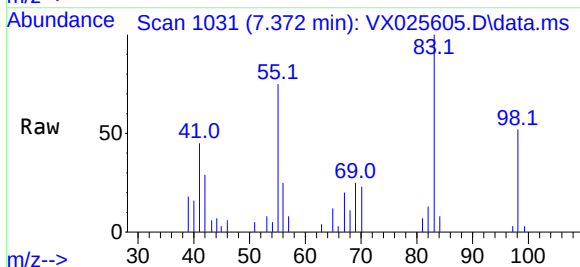
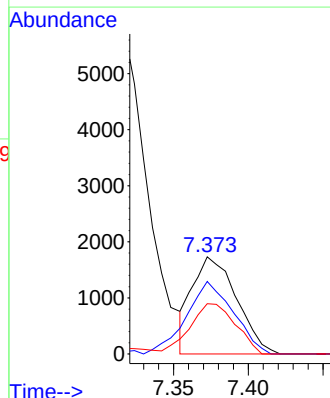
Tgt Ion: 83 Resp: 3567

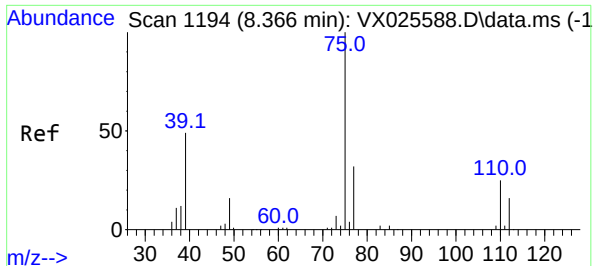
Ion Ratio Lower Upper

83 100

55 79.1 57.3 85.9

98 53.0 41.1 61.7





#39

cis-1,3-Dichloropropene

Concen: 1.078 ug/L

RT: 8.336 min Scan# 1194

Delta R.T. -0.031 min

Lab File: VX025605.D

Acq: 08 Dec 2021 02:37

Instrument :

MSVOA_X

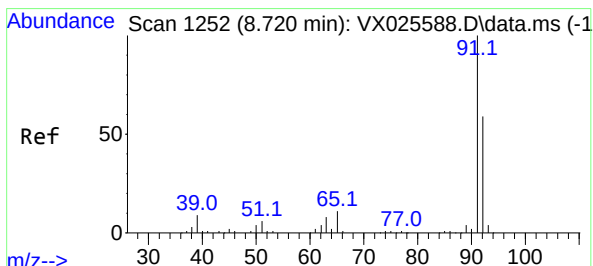
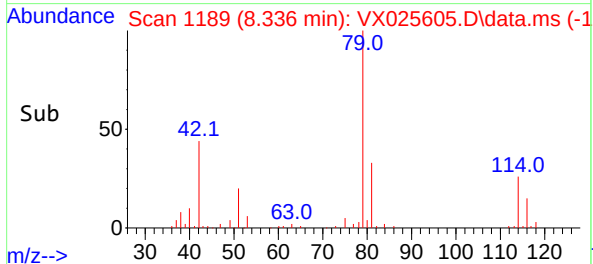
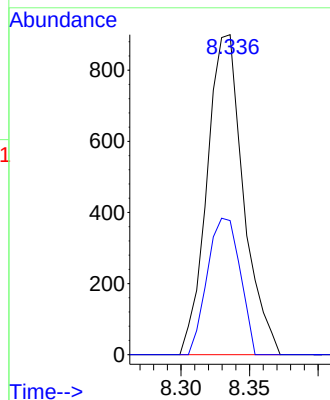
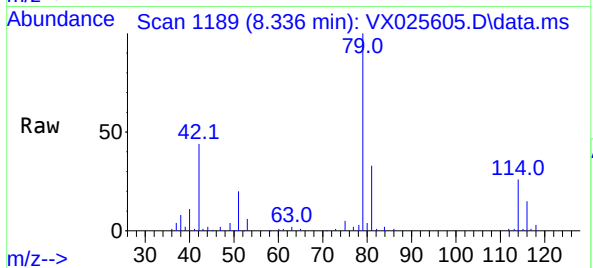
ClientSampleId :

Tgt Ion: 75 Resp: 1664

Ion Ratio Lower Upper

75 100

77 41.9 22.3 41.3#



#42

Toluene

Concen: 1.182 ug/L

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX025605.D

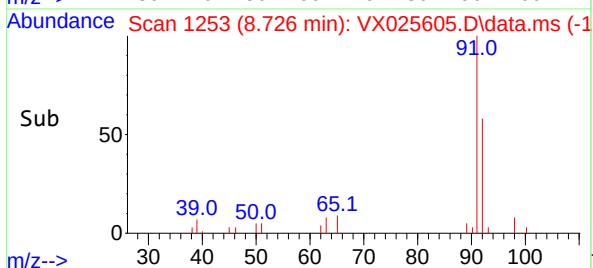
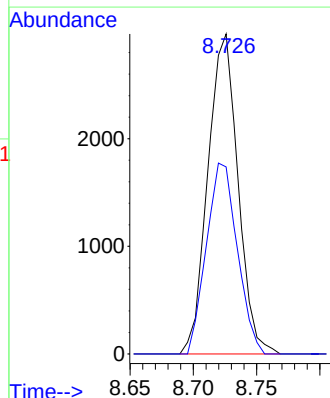
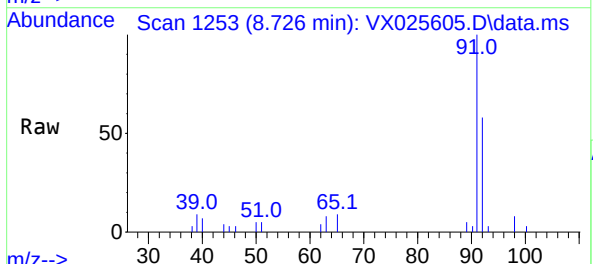
Acq: 08 Dec 2021 02:37

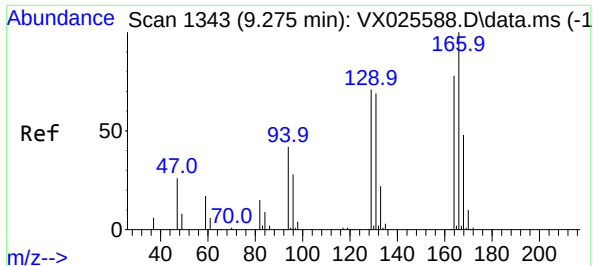
Tgt Ion: 91 Resp: 4924

Ion Ratio Lower Upper

91 100

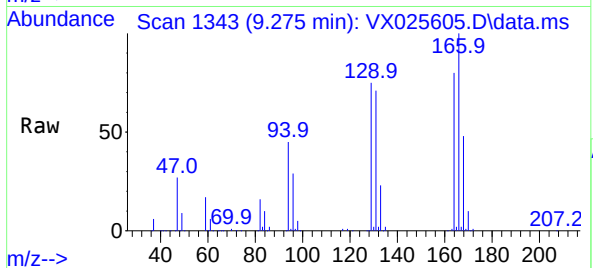
92 58.5 41.2 76.6



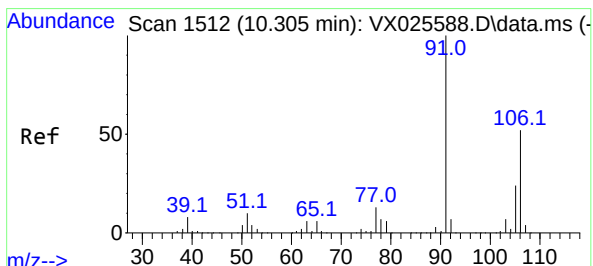
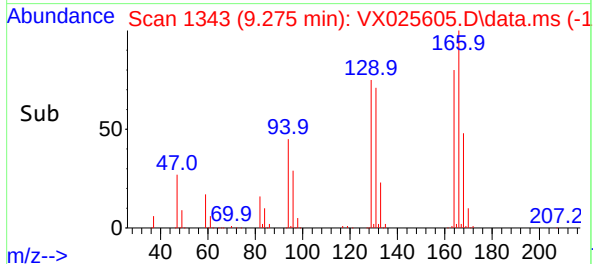
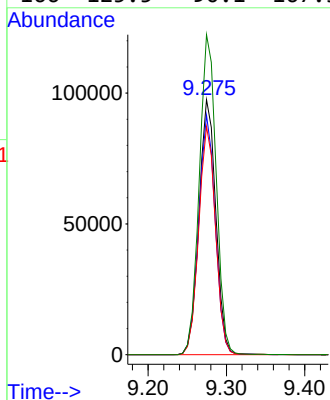


#46
Tetrachloroethene
Concen: 173.005 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025605.D
Acq: 08 Dec 2021 02:37

Instrument :
MSVOA_X
ClientSampleId :

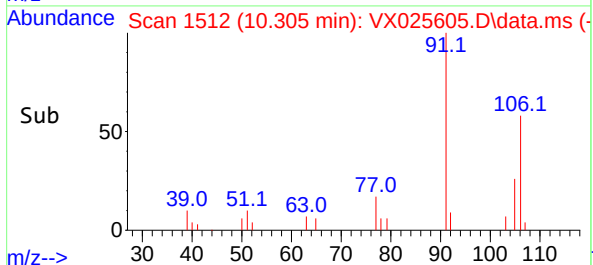
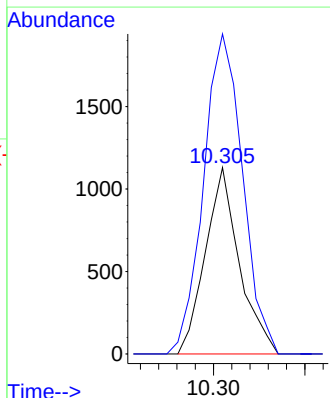
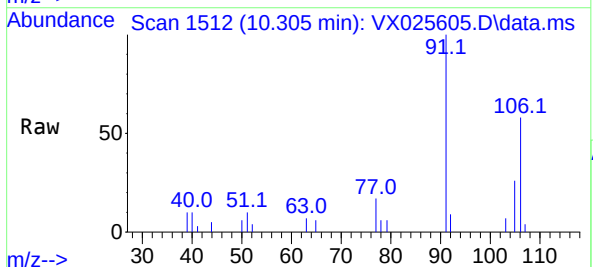


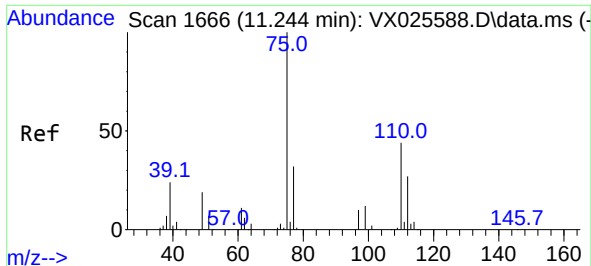
Tgt Ion:164 Resp: 145774
Ion Ratio Lower Upper
164 100
129 93.9 64.7 120.1
131 89.5 63.2 117.4
166 125.5 90.1 167.3



#53
m,p-Xylene
Concen: 0.806 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025605.D
Acq: 08 Dec 2021 02:37

Tgt Ion:106 Resp: 1461
Ion Ratio Lower Upper
106 100
91 171.7 136.8 254.2





#61

1,2,3-Trichloropropane

Concen: 6.446 ug/L

RT: 12.024 min Scan# 11

Delta R.T. 0.780 min

Lab File: VX025605.D

Acq: 08 Dec 2021 02:37

Instrument :

MSVOA_X

ClientSampleId :

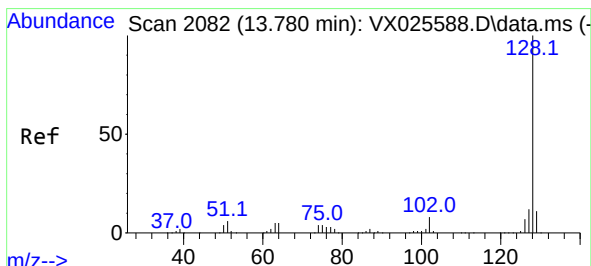
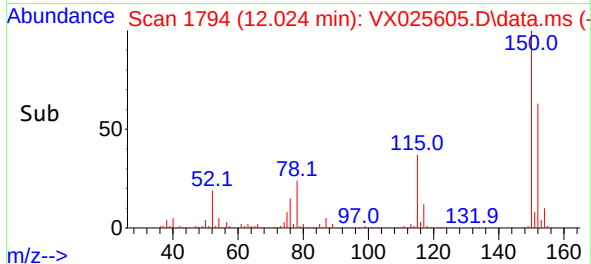
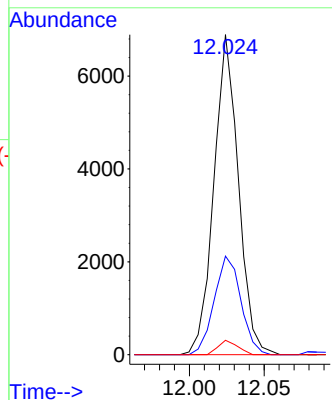
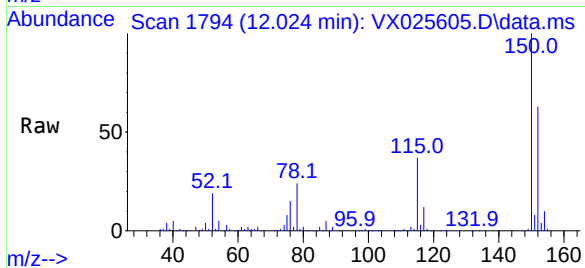
Tgt Ion: 75 Resp: 7849

Ion Ratio Lower Upper

75 100

77 33.6 25.8 38.8

110 3.6 34.7 52.1#



#71

Naphthalene

Concen: 0.826 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX025605.D

Acq: 08 Dec 2021 02:37

Tgt Ion:128 Resp: 3598

Ion Ratio Lower Upper

128 100

127 12.3 10.1 15.1

129 11.4 8.7 13.1

