

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
 Data File : VX025630.D
 Acq On : 08 Dec 2021 19:30
 Operator : JC/MD
 Sample : M4883-17ME
 Misc : 2.78g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW9H3ME

Quant Time: Dec 09 03:30:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 09 03:12:30 2021
 Response via : Initial Calibration

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

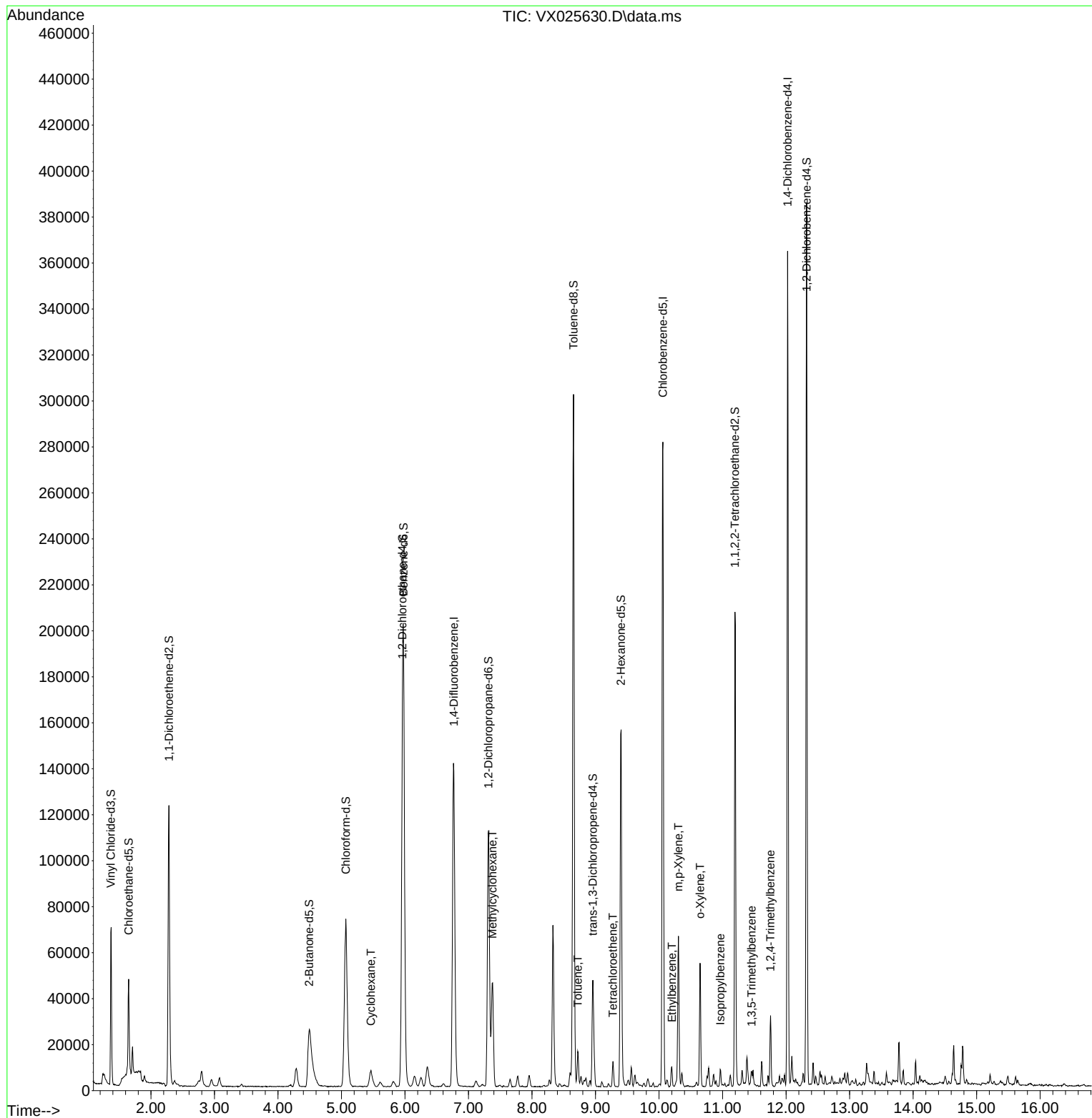
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	165503	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	147029	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	77339	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48274	42.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.480%
7) Chloroethane-d5	1.648	69	25642	27.507	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	55.020%#
11) 1,1-Dichloroethene-d2	2.282	63	70816	39.322	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.640%
21) 2-Butanone-d5	4.489	46	72895	86.699	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.700%
24) Chloroform-d	5.068	84	91343	46.273	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.540%
26) 1,2-Dichloroethane-d4	5.958	65	61086	49.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.300%
32) Benzene-d6	5.977	84	203191	52.144	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.280%
36) 1,2-Dichloropropane-d6	7.312	67	61689	51.132	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.260%
41) Toluene-d8	8.653	98	187437	50.961	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.920%
43) trans-1,3-Dichloroprop...	8.958	79	24695	40.713	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.420%
47) 2-Hexanone-d5	9.403	63	53389	85.012	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.010%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	79077	46.377	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.760%
66) 1,2-Dichlorobenzene-d4	12.323	152	75833	49.993	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.980%
Target Compounds						Qvalue
29) Cyclohexane	5.464	56	4917	3.264	ug/L	95
35) Methylcyclohexane	7.379	83	21219	13.050	ug/L	96
42) Toluene	8.720	91	10074	2.326	ug/L	96
46) Tetrachloroethene	9.275	164	2086	2.381	ug/L	93
52) Ethylbenzene	10.201	91	5667	1.217	ug/L	88
53) m,p-Xylene	10.305	106	16534	8.768	ug/L	97
54) o-Xylene	10.646	106	12276	6.503	ug/L	96
60) Isopropylbenzene	10.963	105	4283	0.862	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	3063	0.737	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	12478	2.971	ug/L #	79

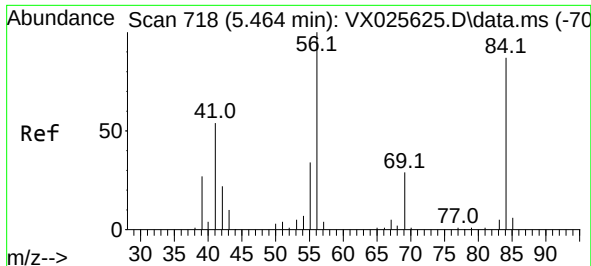
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 09 03:12:30 2021
Response via : Initial Calibration





#29

Cyclohexane

Concen: 3.264 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX025630.D

Acq: 08 Dec 2021 19:30

Instrument :

MSVOA_X

ClientSampleId :

EW9H3ME

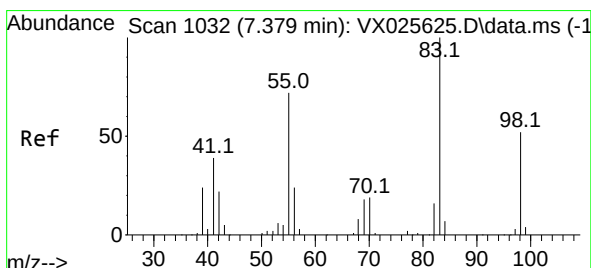
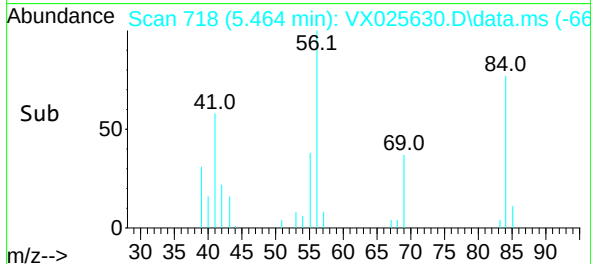
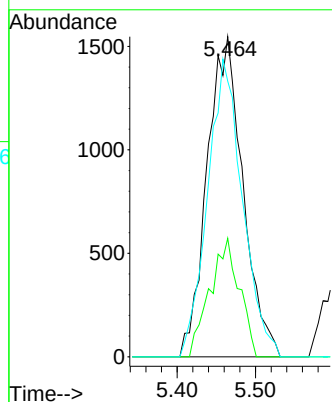
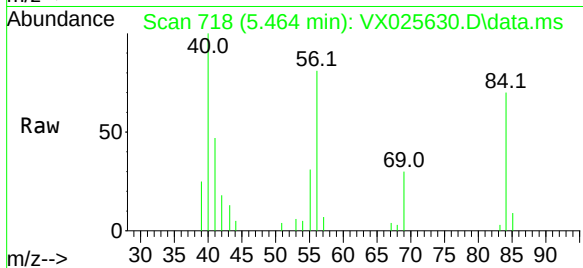
Tgt Ion: 56 Resp: 4917

Ion Ratio Lower Upper

56 100

69 30.3 25.4 38.2

84 90.6 76.6 114.8



#35

Methylcyclohexane

Concen: 13.050 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX025630.D

Acq: 08 Dec 2021 19:30

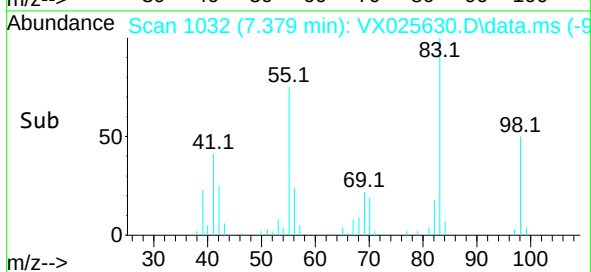
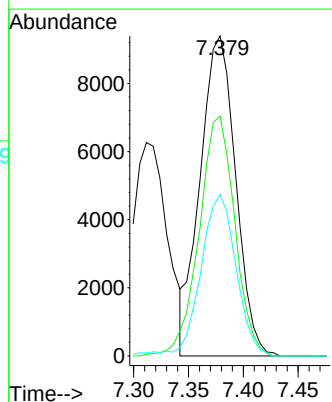
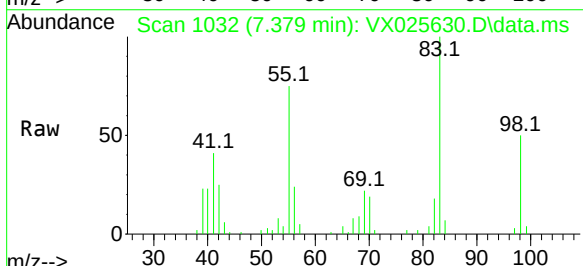
Tgt Ion: 83 Resp: 21219

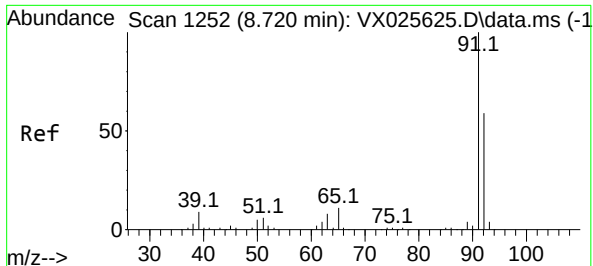
Ion Ratio Lower Upper

83 100

55 75.0 57.3 85.9

98 49.0 41.1 61.7





#42

Toluene

Concen: 2.326 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025630.D

Acq: 08 Dec 2021 19:30

Instrument :

MSVOA_X

ClientSampleId :

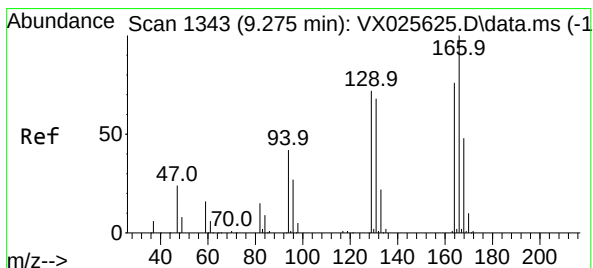
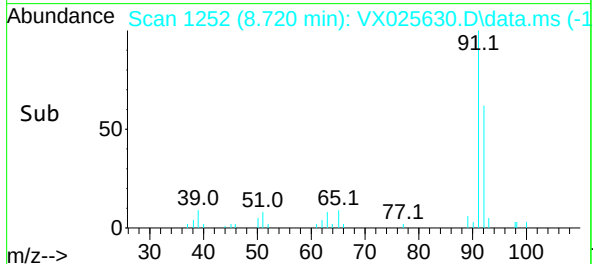
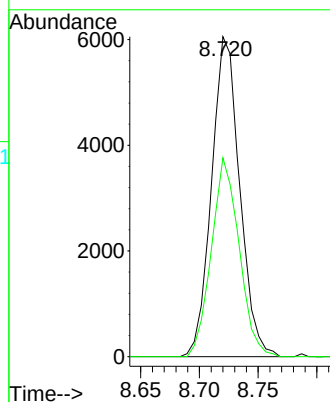
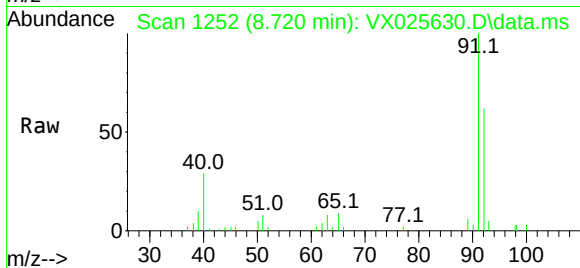
EW9H3ME

Tgt Ion: 91 Resp: 10074

Ion Ratio Lower Upper

91 100

92 62.2 41.2 76.6



#46

Tetrachloroethene

Concen: 2.381 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX025630.D

Acq: 08 Dec 2021 19:30

Tgt Ion:164 Resp: 2086

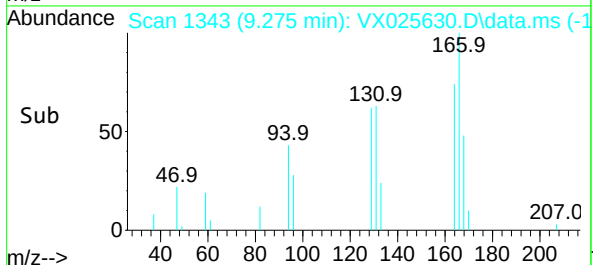
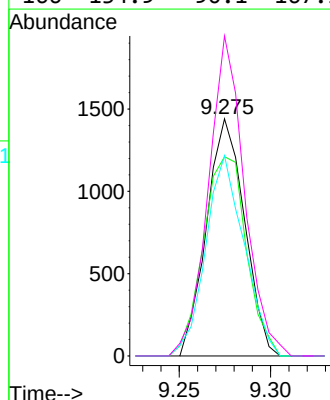
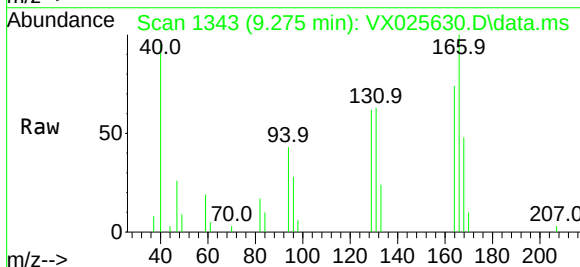
Ion Ratio Lower Upper

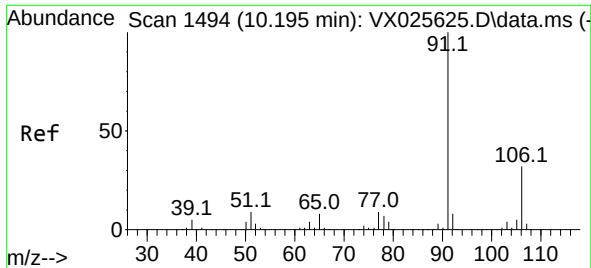
164 100

129 84.0 64.7 120.1

131 84.5 63.2 117.4

166 134.9 90.1 167.3





#52

Ethylbenzene

Concen: 1.217 ug/L

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX025630.D

Acq: 08 Dec 2021 19:30

Instrument :

MSVOA_X

ClientSampleId :

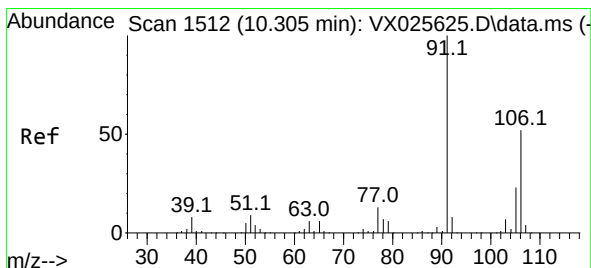
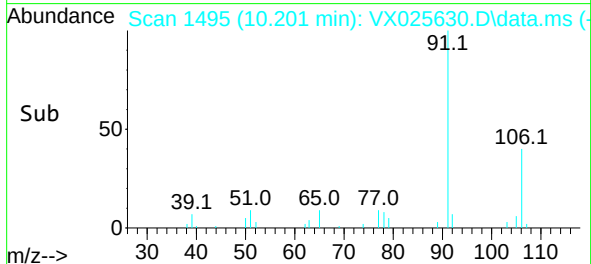
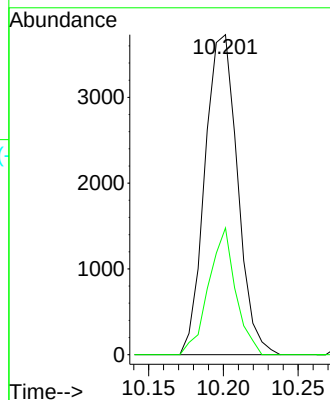
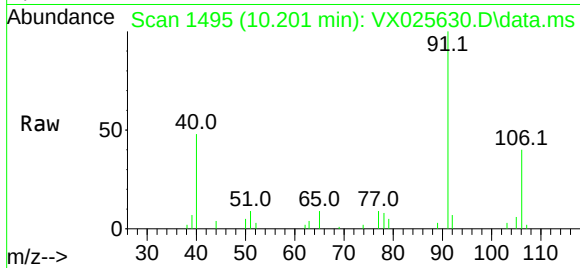
EW9H3ME

Tgt Ion: 91 Resp: 5667

Ion Ratio Lower Upper

91 100

106 39.6 23.1 42.9



#53

m,p-Xylene

Concen: 8.768 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX025630.D

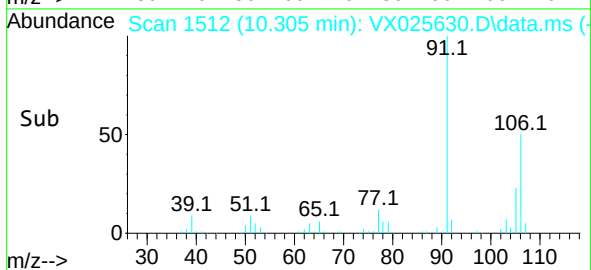
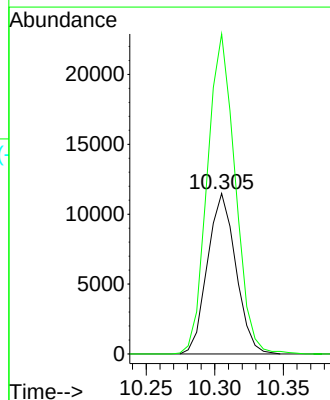
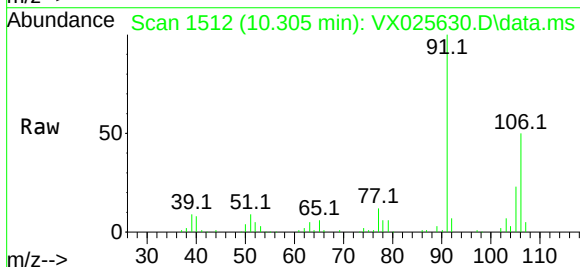
Acq: 08 Dec 2021 19:30

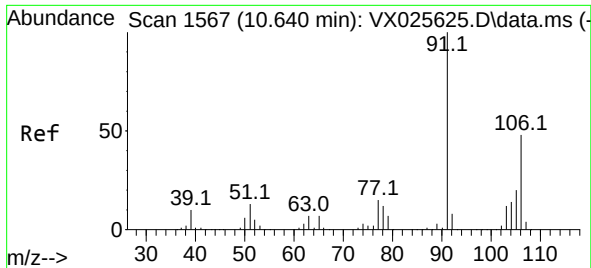
Tgt Ion: 106 Resp: 16534

Ion Ratio Lower Upper

106 100

91 199.5 136.8 254.2

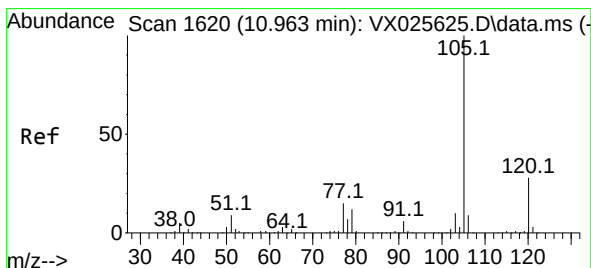
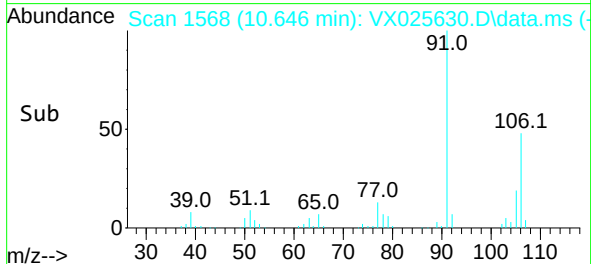
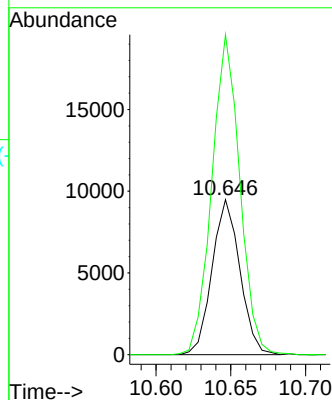
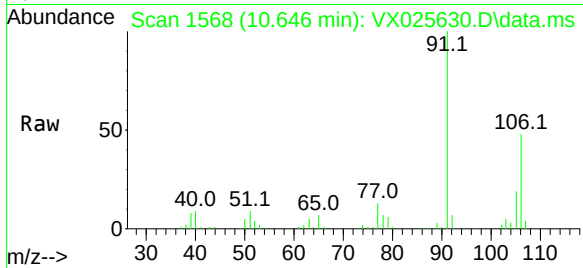




#54
o-Xylene
Concen: 6.503 ug/L
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX025630.D
Acq: 08 Dec 2021 19:30

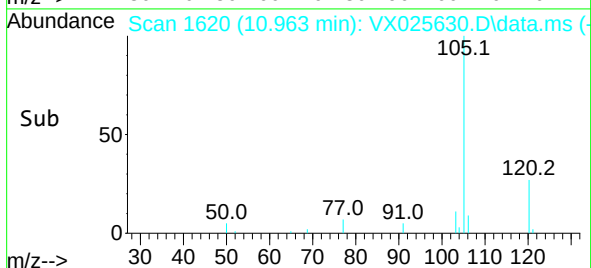
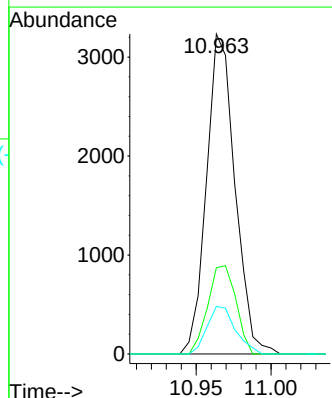
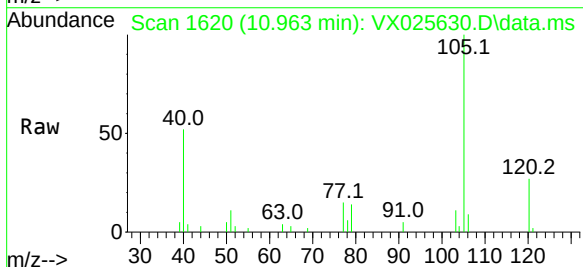
Instrument :
MSVOA_X
ClientSampleId :
EW9H3ME

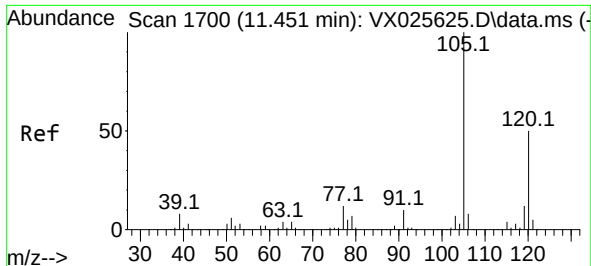
Tgt Ion:106 Resp: 12276
Ion Ratio Lower Upper
106 100
91 206.4 140.5 260.9



#60
Isopropylbenzene
Concen: 0.862 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025630.D
Acq: 08 Dec 2021 19:30

Tgt Ion:105 Resp: 4283
Ion Ratio Lower Upper
105 100
120 27.2 22.3 33.5
77 14.8 11.5 17.3





#62

1,3,5-Trimethylbenzene

Concen: 0.737 ug/L

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX025630.D

Acq: 08 Dec 2021 19:30

Instrument :

MSVOA_X

ClientSampleId :

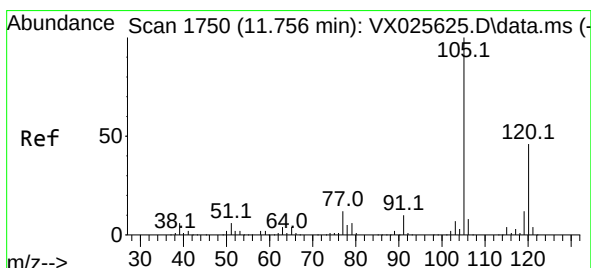
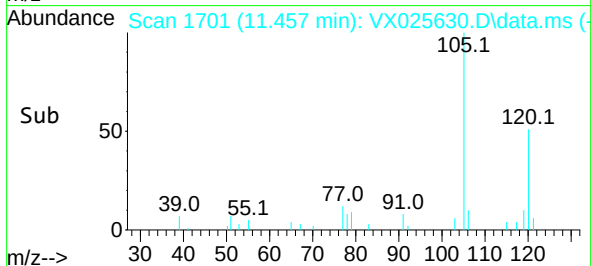
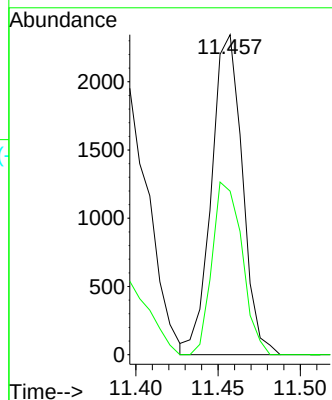
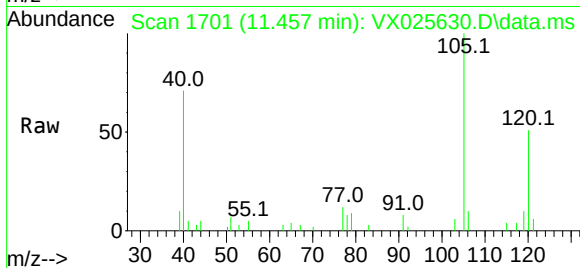
EW9H3ME

Tgt Ion:105 Resp: 3063

Ion Ratio Lower Upper

105 100

120 52.4 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 2.971 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX025630.D

Acq: 08 Dec 2021 19:30

Tgt Ion:105 Resp: 12478

Ion Ratio Lower Upper

105 100

120 48.6 0.1 0.1#

