

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
 Data File : VX025634.D
 Acq On : 08 Dec 2021 21:03
 Operator : JC/MD
 Sample : M4885-20ME
 Misc : 4.15g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW9M5ME

Quant Time: Dec 09 03:31:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.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)

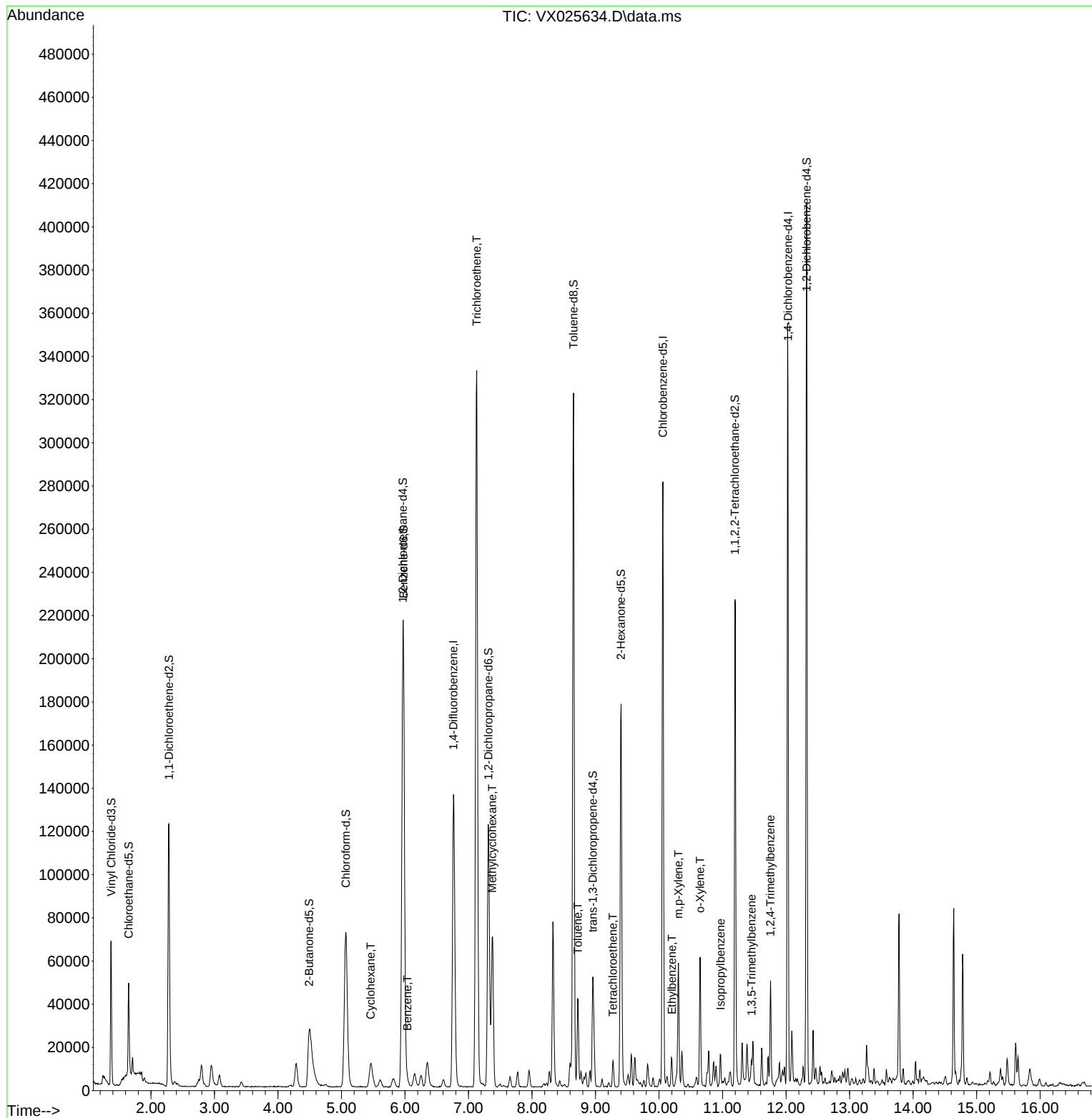
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	160255	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	142848	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.030	152	74177	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	49688	45.432	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.860%
7) Chloroethane-d5	1.648	69	26807	29.698	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.400%#
11) 1,1-Dichloroethene-d2	2.282	63	72781	41.737	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.480%
21) 2-Butanone-d5	4.489	46	83061	102.025	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.030%
24) Chloroform-d	5.068	84	98832	51.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.420%
26) 1,2-Dichloroethane-d4	5.964	65	65762	55.197	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.400%
32) Benzene-d6	5.976	84	216385	57.155	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.320%
36) 1,2-Dichloropropane-d6	7.312	67	67602	57.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.340%
41) Toluene-d8	8.653	98	199049	55.702	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.400%
43) trans-1,3-Dichloroprop...	8.958	79	25961	44.053	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.100%
47) 2-Hexanone-d5	9.403	63	60480	99.122	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.120%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	87765	52.979	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.960%
66) 1,2-Dichlorobenzene-d4	12.323	152	83546	57.425	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.860%
Target Compounds						
					Qvalue	
29) Cyclohexane	5.458	56	7910	5.405	ug/L	91
33) Benzene	6.037	78	3646	0.955	ug/L	100
34) Trichloroethene	7.129	95	127510	127.036	ug/L	99
35) Methylcyclohexane	7.372	83	32899	20.825	ug/L	98
42) Toluene	8.720	91	28117	6.681	ug/L	97
46) Tetrachloroethene	9.275	164	2301	2.703	ug/L	94
52) Ethylbenzene	10.201	91	8391	1.855	ug/L	92
53) m,p-Xylene	10.305	106	13586	7.415	ug/L	96
54) o-Xylene	10.646	106	13737	7.490	ug/L	87
60) Isopropylbenzene	10.969	105	8078	1.695	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	4524	1.135	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	19402	4.816	ug/L #	80

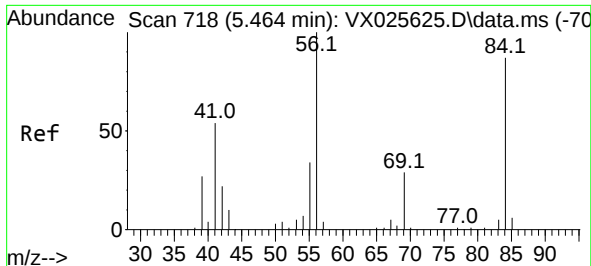
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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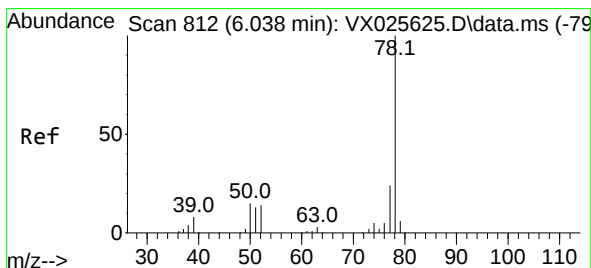
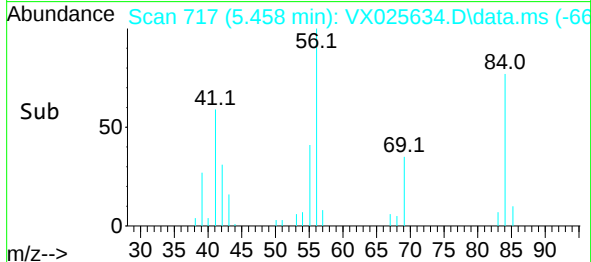
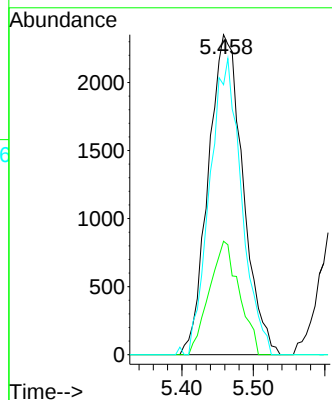
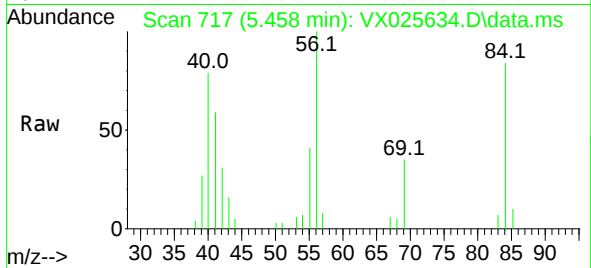




#29
Cyclohexane
Concen: 5.405 ug/L
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

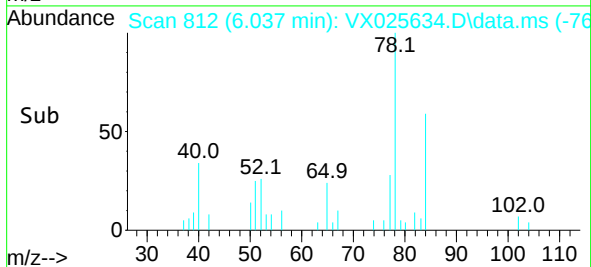
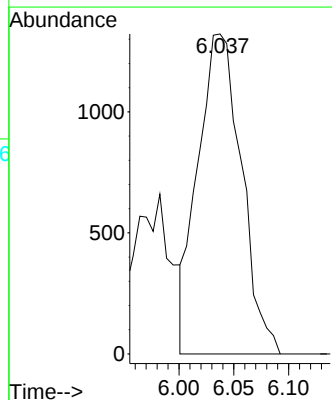
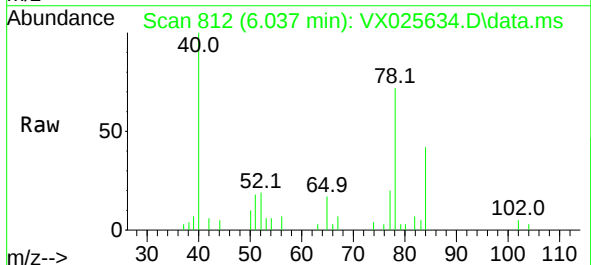
Instrument :
MSVOA_X
ClientSampleId :
EW9M5ME

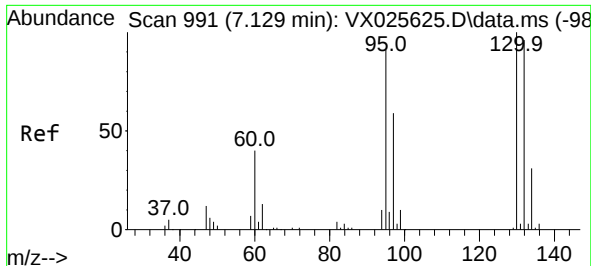
Tgt Ion: 56 Resp: 7910
Ion Ratio Lower Upper
56 100
69 30.6 25.4 38.2
84 84.8 76.6 114.8



#33
Benzene
Concen: 0.955 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

Tgt Ion: 78 Resp: 3646



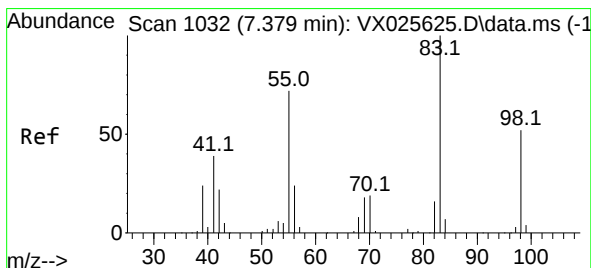
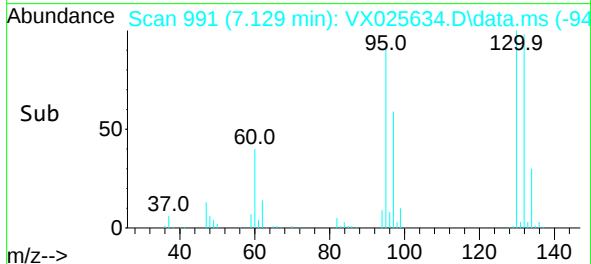
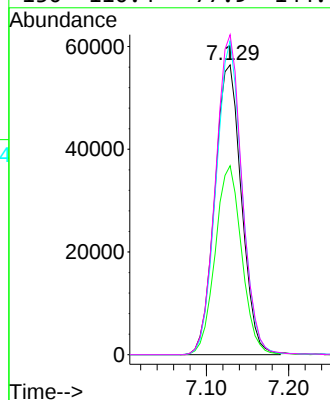
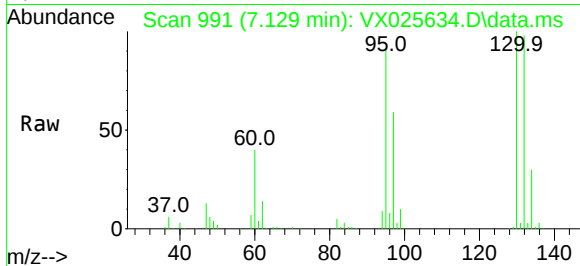


#34
Trichloroethene
Concen: 127.036 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

Instrument :
MSVOA_X
ClientSampleId :
EW9M5ME

Tgt Ion: 95 Resp: 127510

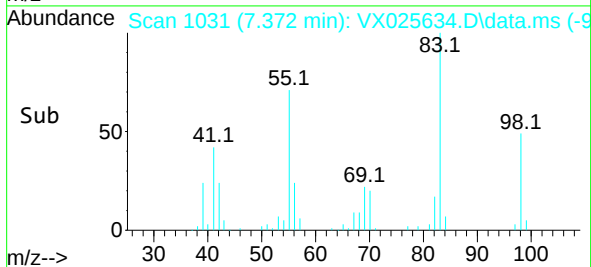
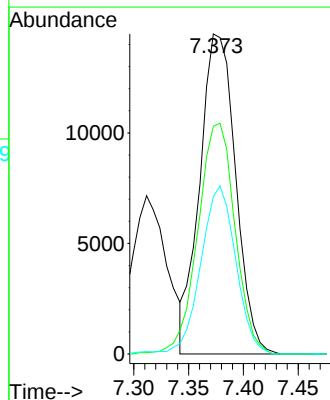
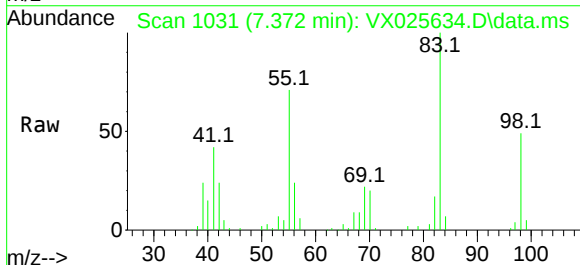
Ion	Ratio	Lower	Upper
95	100		
97	65.2	46.0	85.4
132	108.3	75.0	139.2
130	110.4	77.9	144.7

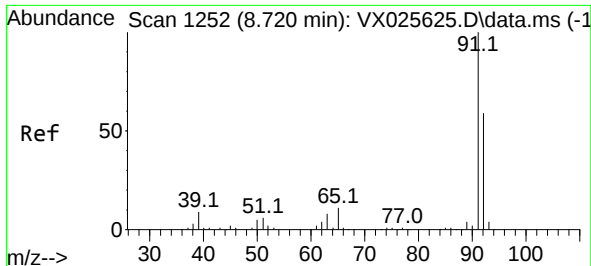


#35
Methylcyclohexane
Concen: 20.825 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

Tgt Ion: 83 Resp: 32899

Ion	Ratio	Lower	Upper
83	100		
55	74.7	57.3	85.9
98	50.9	41.1	61.7





#42

Toluene

Concen: 6.681 ug/L

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025634.D

Acq: 08 Dec 2021 21:03

Instrument :

MSVOA_X

ClientSampleId :

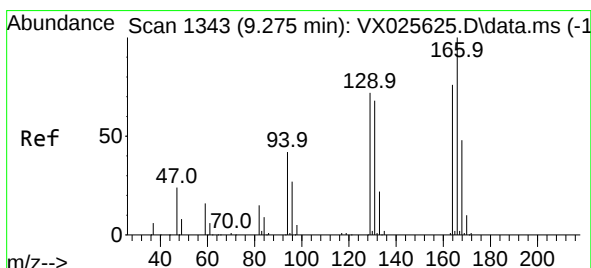
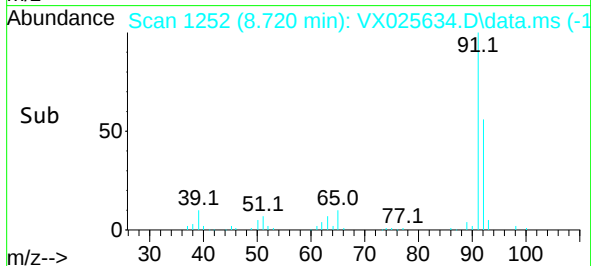
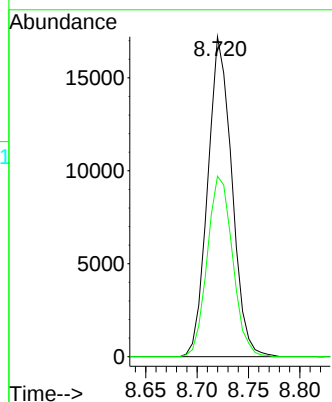
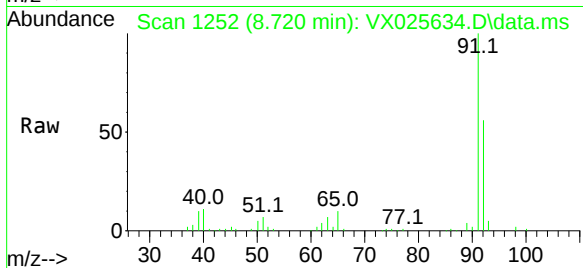
EW9M5ME

Tgt Ion: 91 Resp: 28117

Ion Ratio Lower Upper

91 100

92 56.4 41.2 76.6



#46

Tetrachloroethene

Concen: 2.703 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX025634.D

Acq: 08 Dec 2021 21:03

Tgt Ion: 164 Resp: 2301

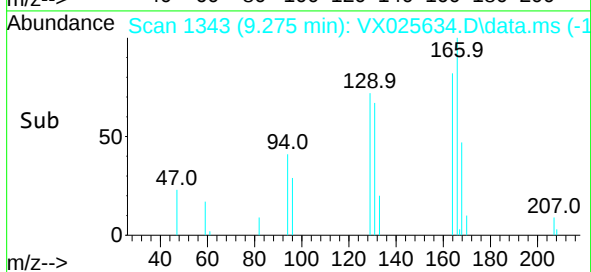
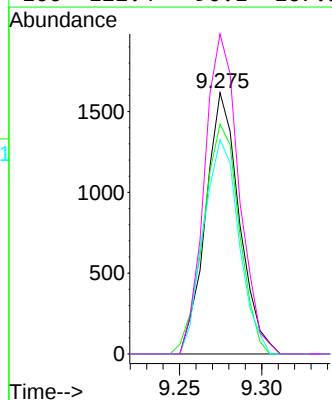
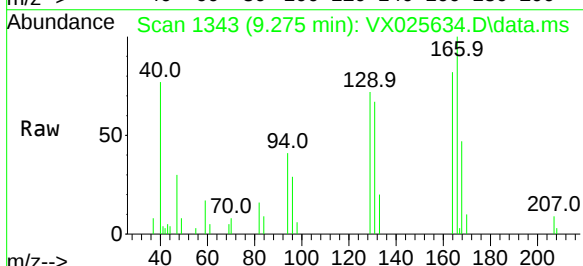
Ion Ratio Lower Upper

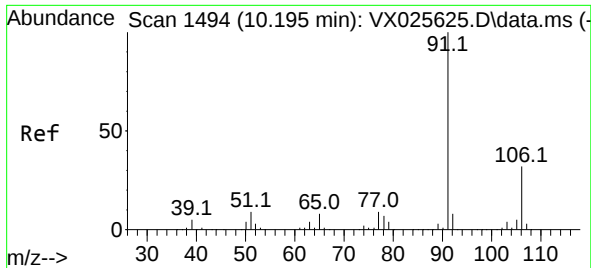
164 100

129 87.9 64.7 120.1

131 82.0 63.2 117.4

166 122.4 90.1 167.3

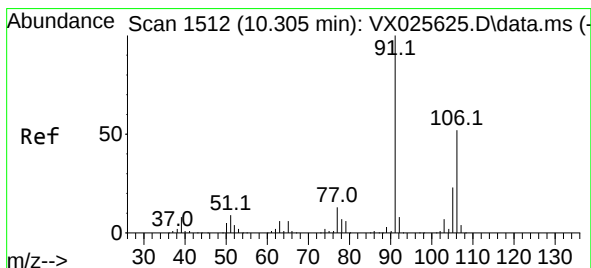
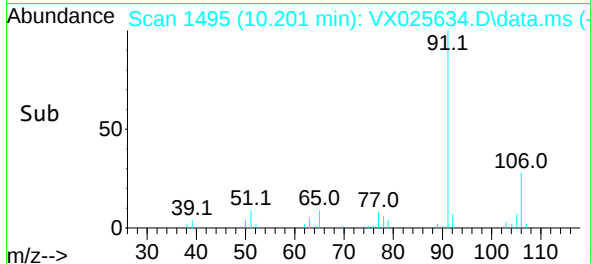
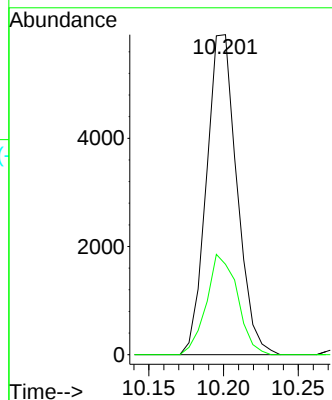
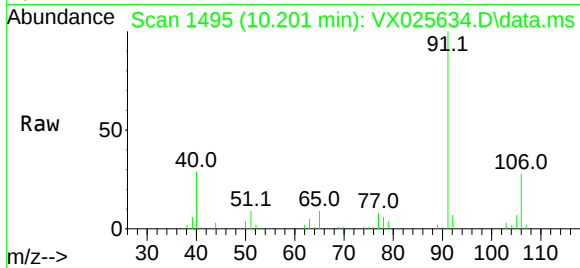




#52
Ethylbenzene
Concen: 1.855 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

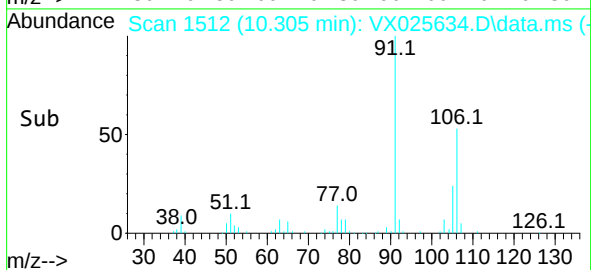
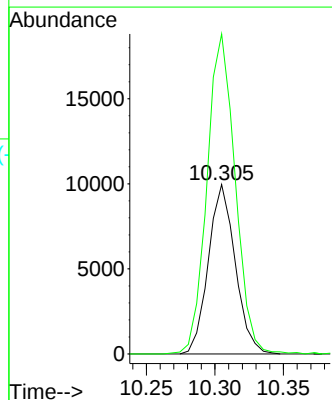
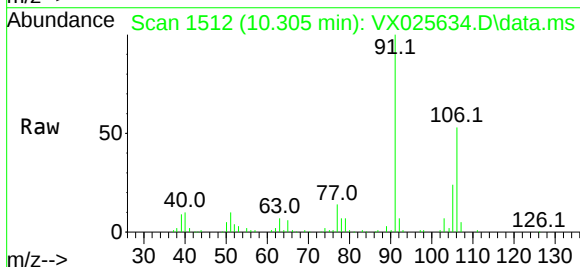
Instrument :
MSVOA_X
ClientSampleId :
EW9M5ME

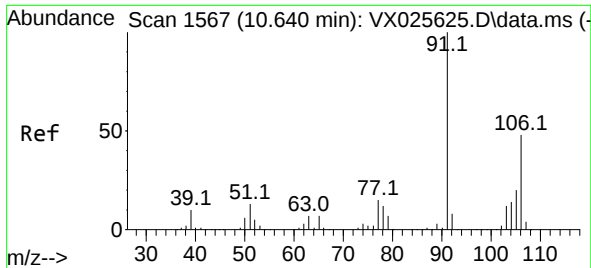
Tgt Ion: 91 Resp: 8391
Ion Ratio Lower Upper
91 100
106 28.3 23.1 42.9



#53
m,p-Xylene
Concen: 7.415 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

Tgt Ion: 106 Resp: 13586
Ion Ratio Lower Upper
106 100
91 188.8 136.8 254.2

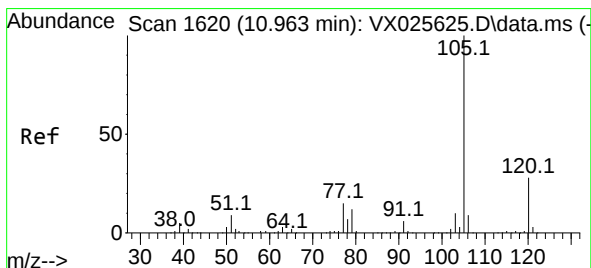
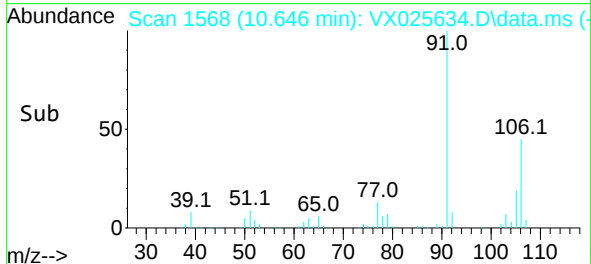
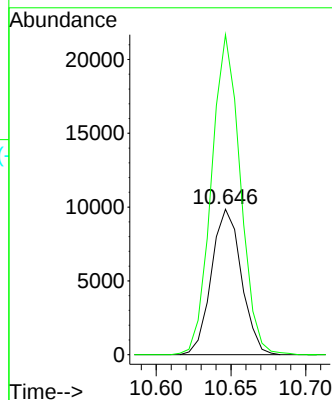
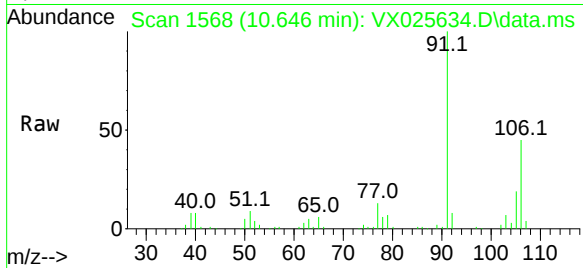




#54
o-Xylene
Concen: 7.490 ug/L
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

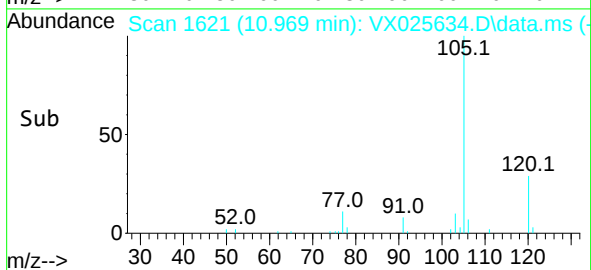
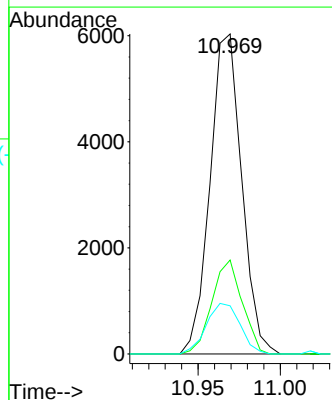
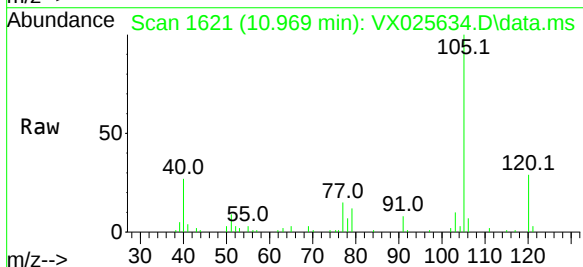
Instrument :
MSVOA_X
ClientSampleId :
EW9M5ME

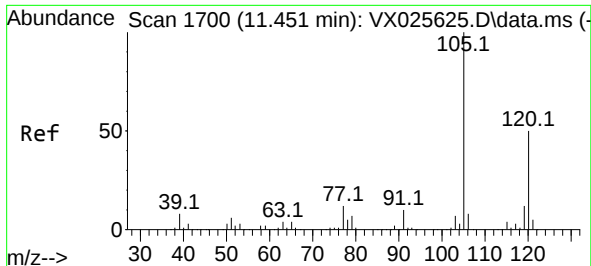
Tgt Ion:106 Resp: 13737
Ion Ratio Lower Upper
106 100
91 219.9 140.5 260.9



#60
Isopropylbenzene
Concen: 1.695 ug/L
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX025634.D
Acq: 08 Dec 2021 21:03

Tgt Ion:105 Resp: 8078
Ion Ratio Lower Upper
105 100
120 28.1 22.3 33.5
77 16.9 11.5 17.3





#62

1,3,5-Trimethylbenzene

Concen: 1.135 ug/L

RT: 11.457 min Scan# 1700

Delta R.T. 0.006 min

Lab File: VX025634.D

Acq: 08 Dec 2021 21:03

Instrument :

MSVOA_X

ClientSampleId :

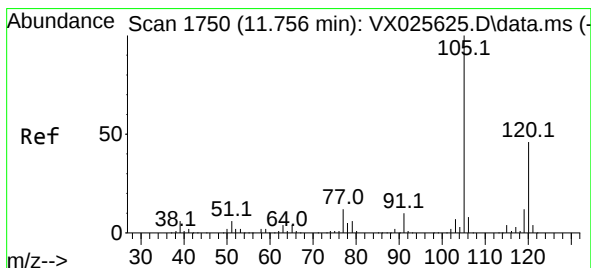
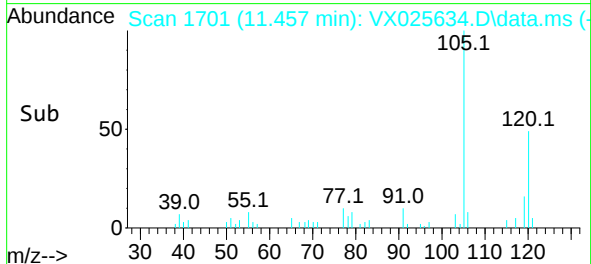
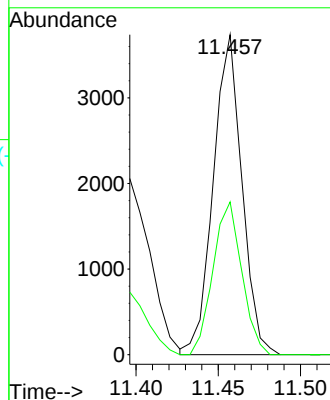
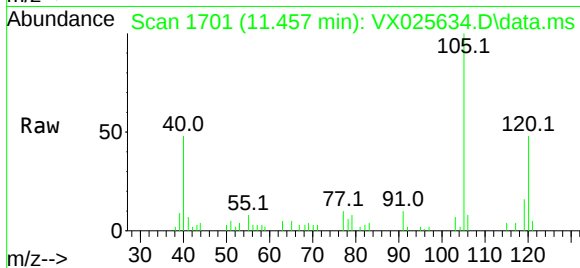
EW9M5ME

Tgt Ion:105 Resp: 4524

Ion Ratio Lower Upper

105 100

120 48.0 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 4.816 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX025634.D

Acq: 08 Dec 2021 21:03

Tgt Ion:105 Resp: 19402

Ion Ratio Lower Upper

105 100

120 47.1 0.1 0.1#

