

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120921\
 Data File : VX025657.D
 Acq On : 09 Dec 2021 13:55
 Operator : JC/MD
 Sample : M4884-22ME
 Misc : 2.47g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW9K6ME

Quant Time: Dec 10 01:59:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 10 01:57:45 2021
 Response via : Initial Calibration

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

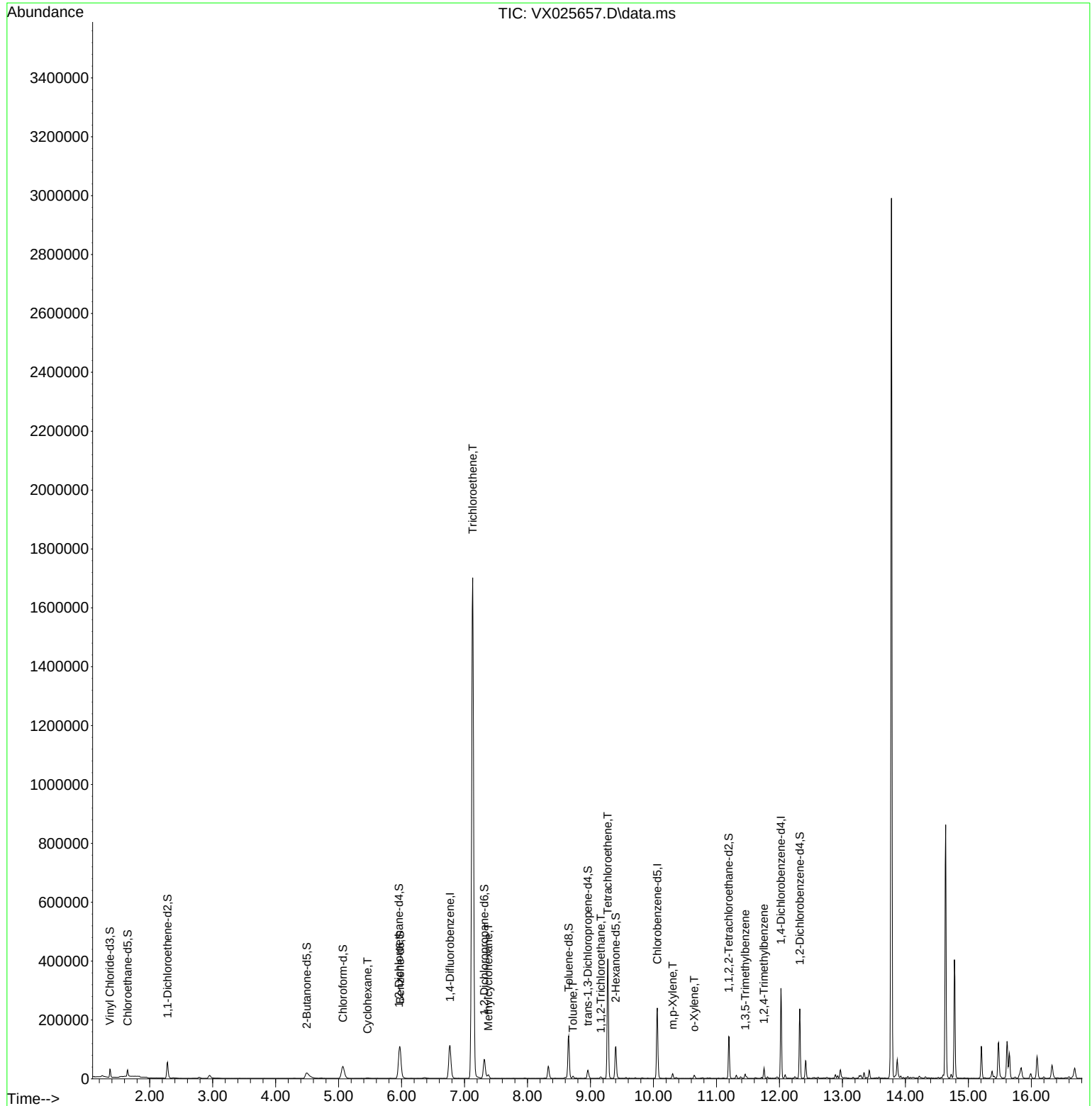
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	130320	50.000	ug/L	0.01
28) Chlorobenzene-d5	10.061	117	119010	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	63931	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	20673	23.244	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	46.480%#
7) Chloroethane-d5	1.648	69	13530	18.432	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	36.860%#
11) 1,1-Dichloroethene-d2	2.282	63	31618	22.297	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	44.600%#
21) 2-Butanone-d5	4.495	46	52802	79.756	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.760%
24) Chloroform-d	5.068	84	53859	34.650	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.300%#
26) 1,2-Dichloroethane-d4	5.958	65	36428	37.599	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.200%
32) Benzene-d6	5.977	84	104866	33.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.500%#
36) 1,2-Dichloropropane-d6	7.312	67	34226	35.048	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	70.100%
41) Toluene-d8	8.653	98	90229	30.307	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	60.620%#
43) trans-1,3-Dichloroprop...	8.958	79	15055	30.663	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.320%
47) 2-Hexanone-d5	9.403	63	37294	73.365	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.360%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	55531	40.235	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.480%
66) 1,2-Dichlorobenzene-d4	12.323	152	46571	37.141	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.280%#
Target Compounds						Qvalue
29) Cyclohexane	5.458	56	1028	0.843	ug/L #	63
34) Trichloroethene	7.129	95	653430	781.399	ug/L	96
35) Methylcyclohexane	7.379	83	5205	3.955	ug/L	96
42) Toluene	8.720	91	5179	1.477	ug/L	98
45) 1,1,2-Trichloroethane	9.165	97	1630	1.926	ug/L	90
46) Tetrachloroethene	9.275	164	77324	109.032	ug/L	98
53) m,p-Xylene	10.305	106	3950	2.588	ug/L	99
54) o-Xylene	10.646	106	2429	1.590	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	6440	1.874	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	14505	4.178	ug/L #	80

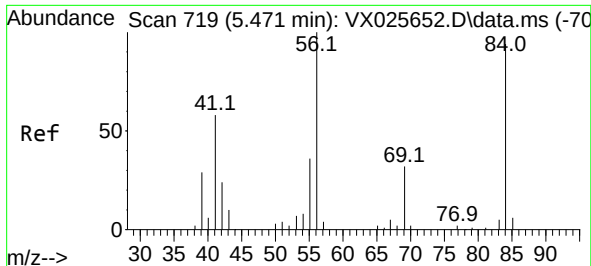
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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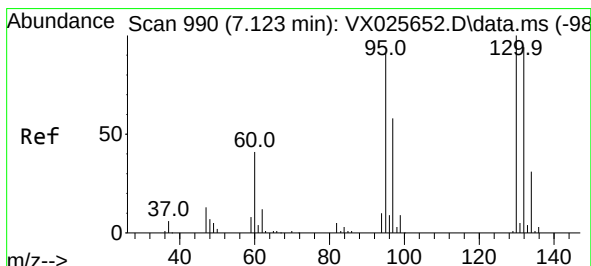
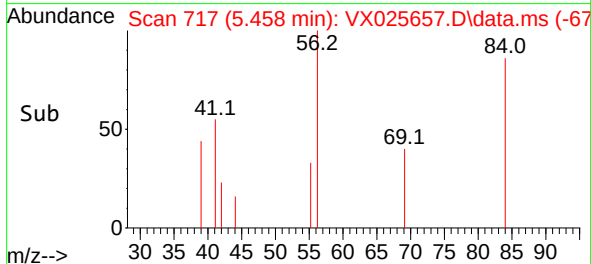
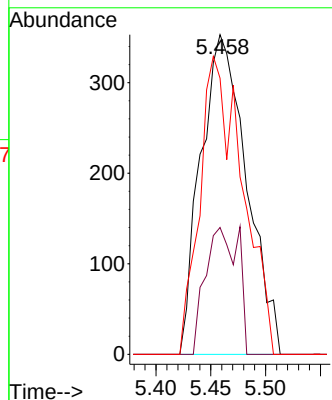
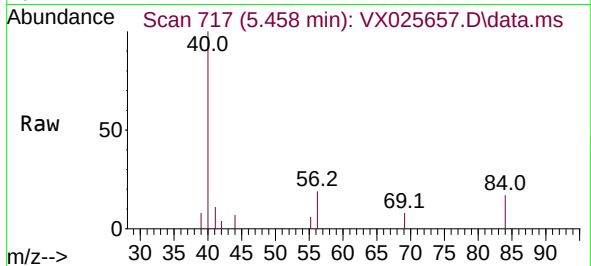




#29
Cyclohexane
Concen: 0.843 ug/L
RT: 5.458 min Scan# 719
Delta R.T. -0.012 min
Lab File: VX025657.D
Acq: 09 Dec 2021 13:55

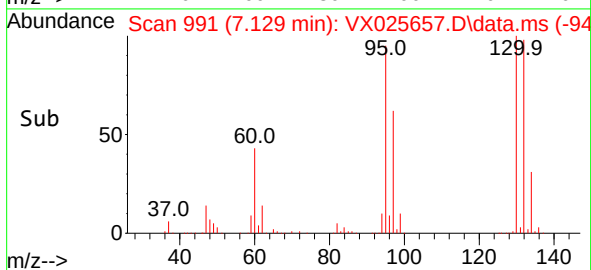
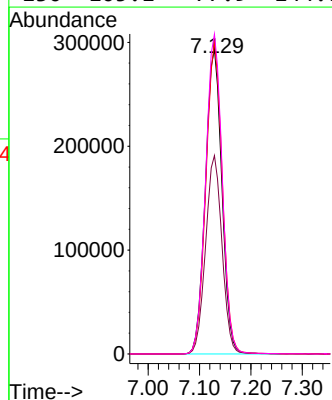
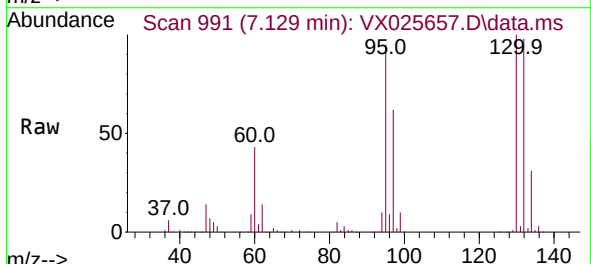
Instrument :
MSVOA_X
ClientSampleId :
EW9K6ME

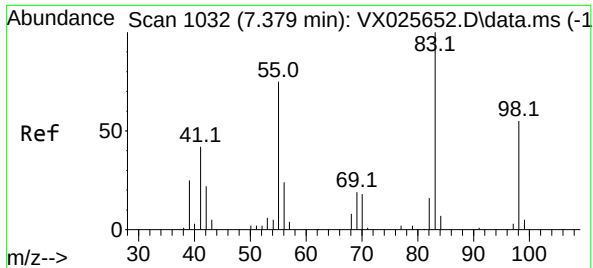
Tgt Ion: 56 Resp: 1028
Ion Ratio Lower Upper
56 100
69 23.2 25.4 38.2#
84 52.6 76.6 114.8#



#34
Trichloroethene
Concen: 781.399 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025657.D
Acq: 09 Dec 2021 13:55

Tgt Ion: 95 Resp: 653430
Ion Ratio Lower Upper
95 100
97 65.2 46.0 85.4
132 102.6 75.0 139.2
130 105.1 77.9 144.7

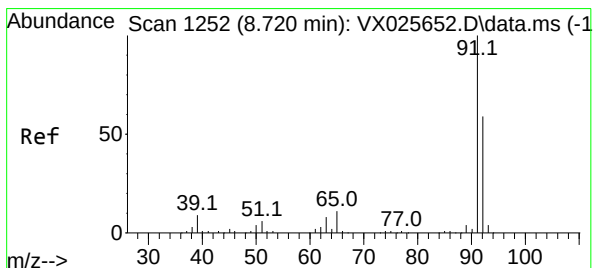
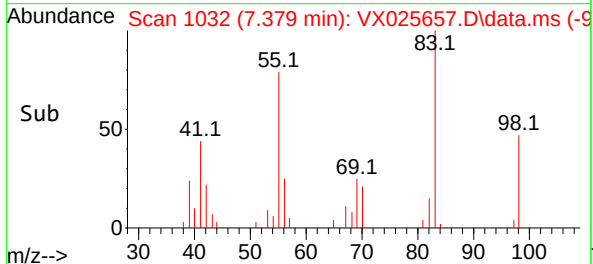
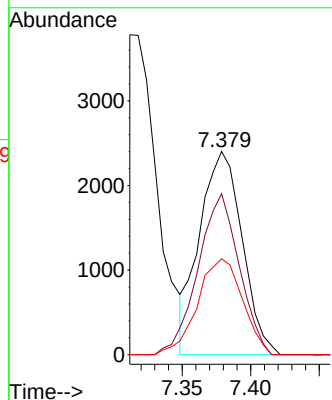
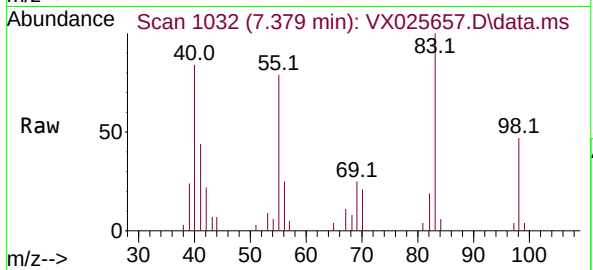




#35
Methylcyclohexane
Concen: 3.955 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX025657.D
Acq: 09 Dec 2021 13:55

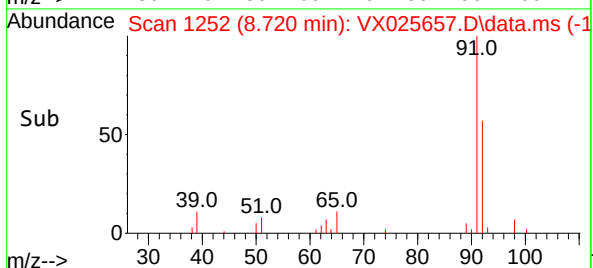
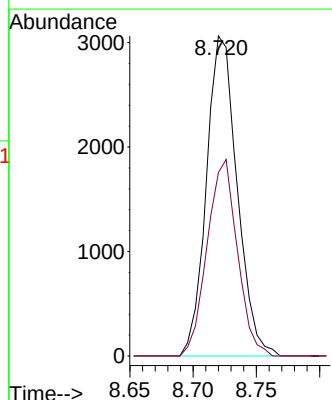
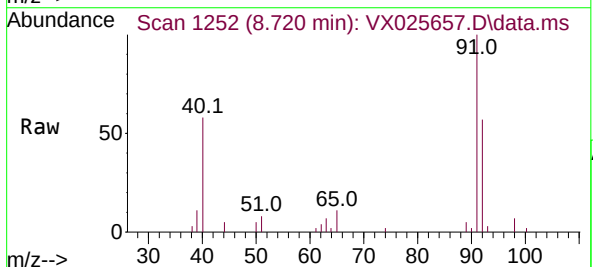
Instrument :
MSVOA_X
ClientSampleId :
EW9K6ME

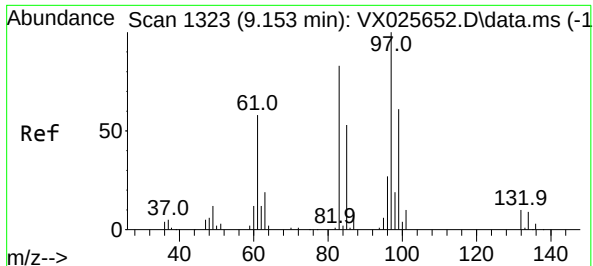
Tgt Ion: 83	Resp: 5205
Ion Ratio	Lower Upper
83	100
55	76.2 57.3 85.9
98	49.6 41.1 61.7



#42
Toluene
Concen: 1.477 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025657.D
Acq: 09 Dec 2021 13:55

Tgt Ion: 91	Resp: 5179
Ion Ratio	Lower Upper
91	100
92	57.4 41.2 76.6





#45

1,1,2-Trichloroethane

Concen: 1.926 ug/L

RT: 9.165 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX025657.D

Acq: 09 Dec 2021 13:55

Instrument :

MSVOA_X

ClientSampleId :

EW9K6ME

Tgt Ion: 97 Resp: 1630

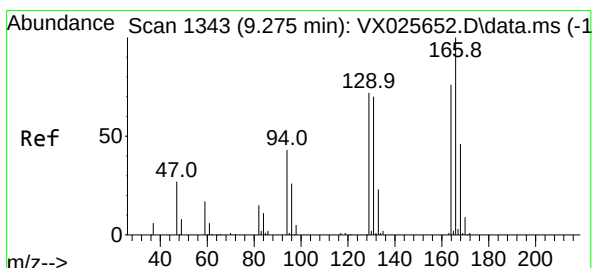
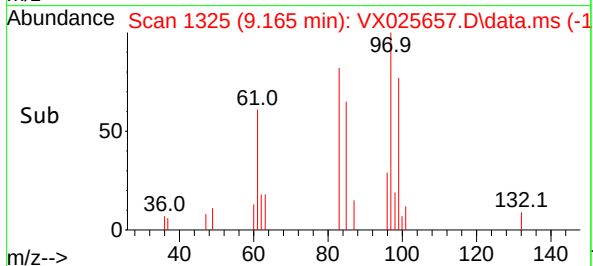
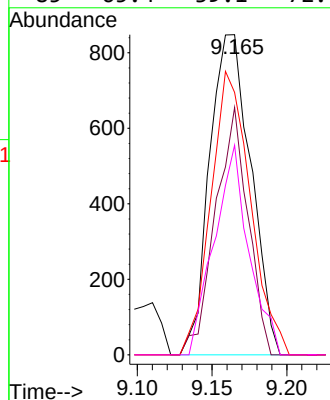
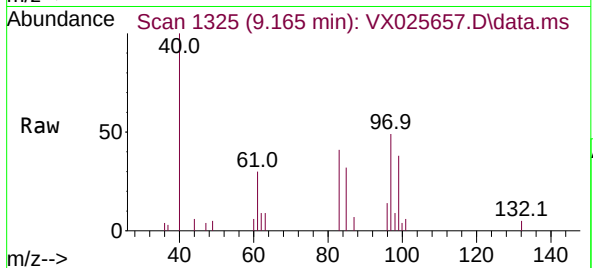
Ion Ratio Lower Upper

97 100

99 77.2 46.0 85.4

83 82.0 59.6 110.8

85 65.4 39.1 72.7



#46

Tetrachloroethene

Concen: 109.032 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX025657.D

Acq: 09 Dec 2021 13:55

Tgt Ion:164 Resp: 77324

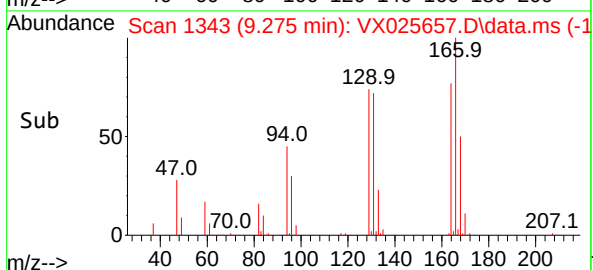
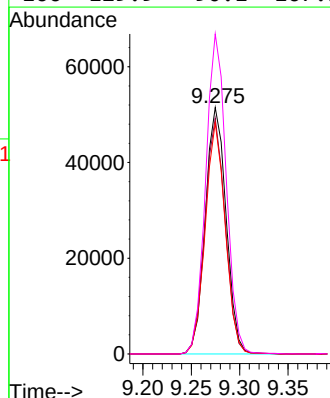
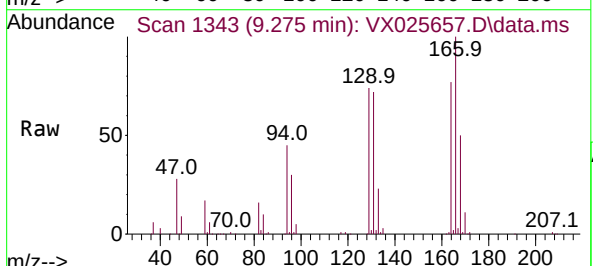
Ion Ratio Lower Upper

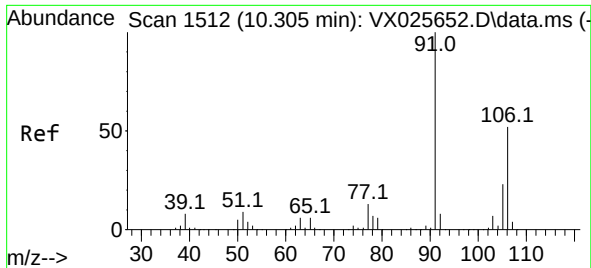
164 100

129 95.6 64.7 120.1

131 93.8 63.2 117.4

166 129.9 90.1 167.3

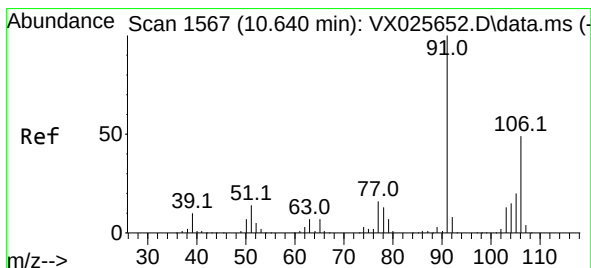
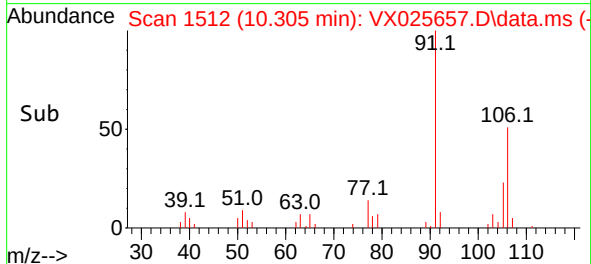
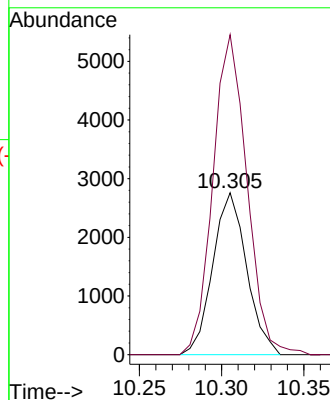
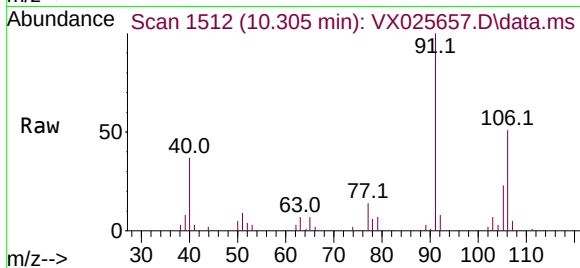




#53
m,p-Xylene
Concen: 2.588 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025657.D
Acq: 09 Dec 2021 13:55

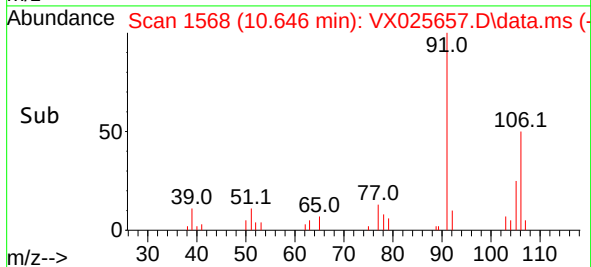
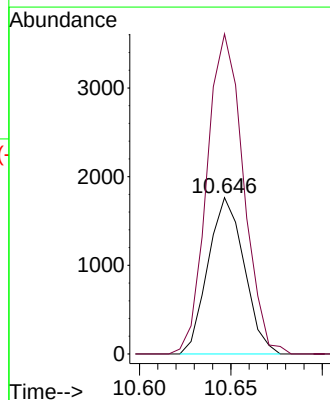
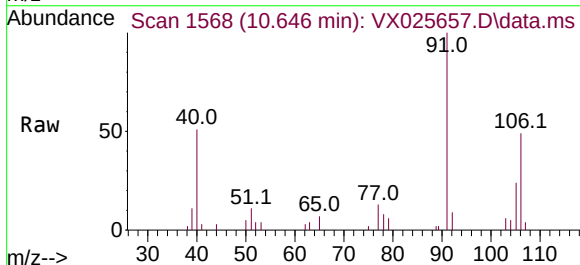
Instrument :
MSVOA_X
ClientSampleId :
EW9K6ME

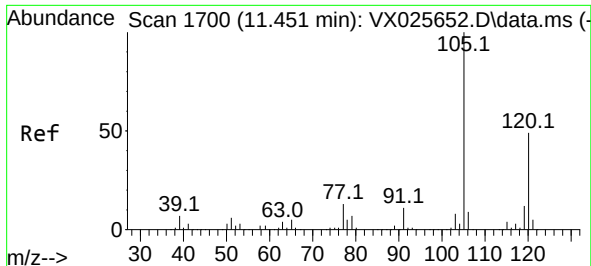
Tgt Ion:106 Resp: 3950
Ion Ratio Lower Upper
106 100
91 197.7 136.8 254.2



#54
o-Xylene
Concen: 1.590 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX025657.D
Acq: 09 Dec 2021 13:55

Tgt Ion:106 Resp: 2429
Ion Ratio Lower Upper
106 100
91 204.7 140.5 260.9





#62

1,3,5-Trimethylbenzene

Concen: 1.874 ug/L

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX025657.D

Acq: 09 Dec 2021 13:55

Instrument :

MSVOA_X

ClientSampleId :

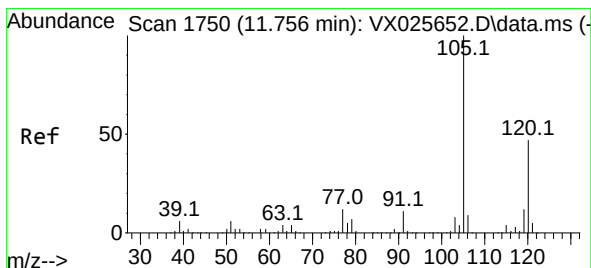
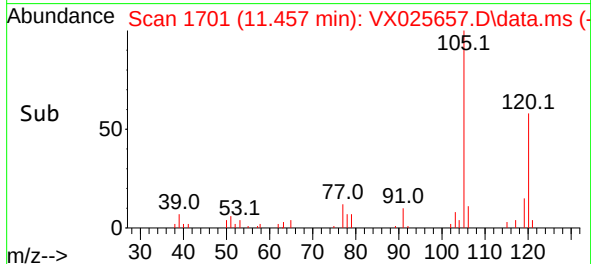
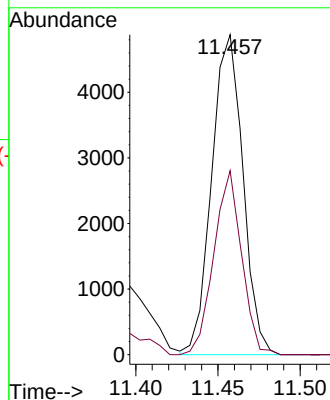
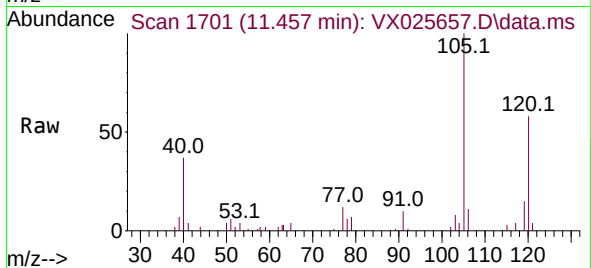
EW9K6ME

Tgt Ion:105 Resp: 6440

Ion Ratio Lower Upper

105 100

120 51.1 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 4.178 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX025657.D

Acq: 09 Dec 2021 13:55

Tgt Ion:105 Resp: 14505

Ion Ratio Lower Upper

105 100

120 46.6 0.1 0.1#

