

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120921\
 Data File : VX025656.D
 Acq On : 09 Dec 2021 13:31
 Operator : JC/MD
 Sample : M4884-20ME
 Misc : 4.95g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW9K4ME

Quant Time: Dec 10 01:59:16 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)

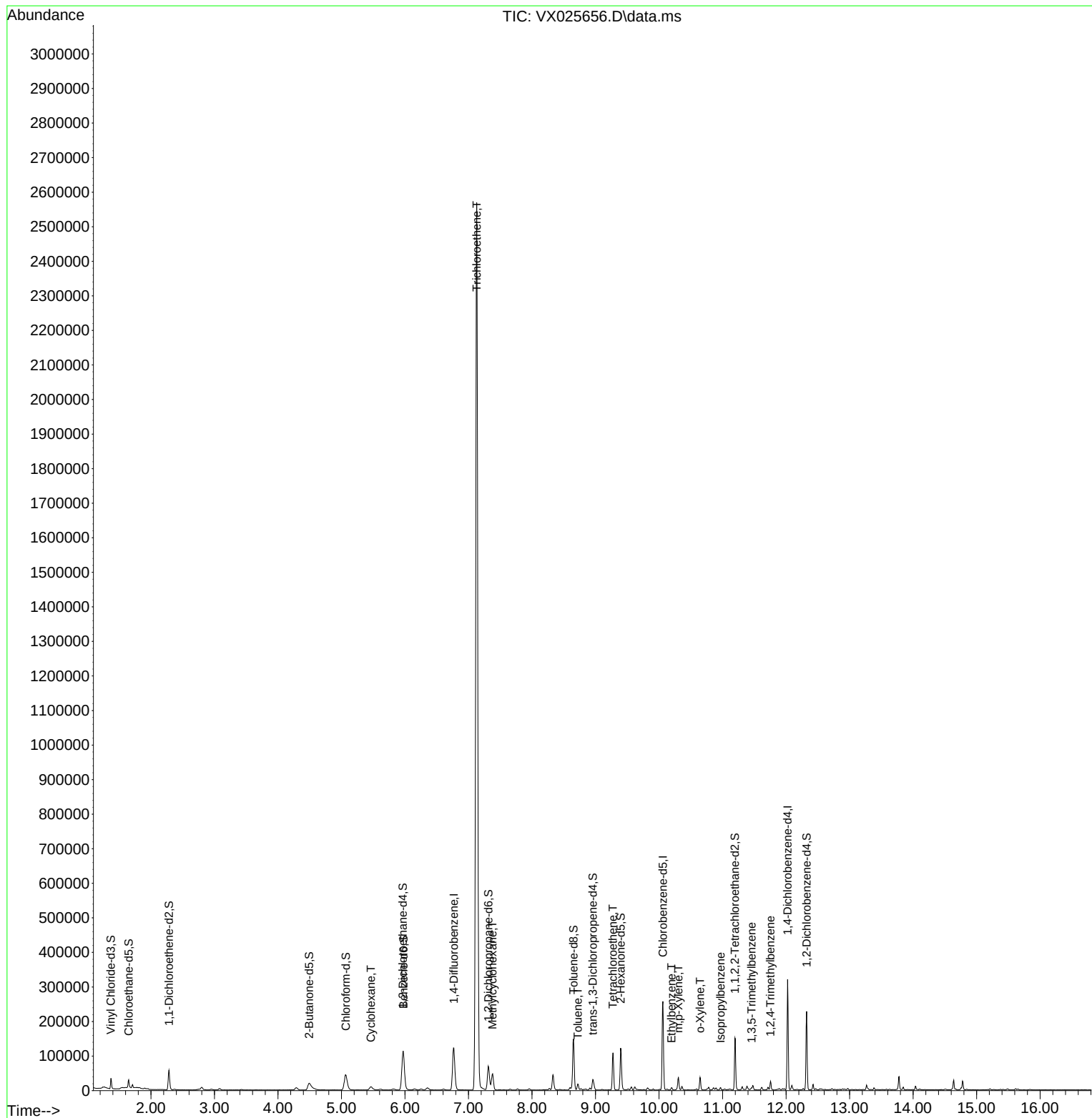
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	142243	50.000	ug/L	0.01
28) Chlorobenzene-d5	10.061	117	130117	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	65710	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	21573	22.223	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	44.440%#
7) Chloroethane-d5	1.648	69	14057	17.545	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	35.100%#
11) 1,1-Dichloroethene-d2	2.282	63	33194	21.446	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	42.900%#
21) 2-Butanone-d5	4.489	46	54837	75.886	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.890%
24) Chloroform-d	5.068	84	55921	32.961	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.920%#
26) 1,2-Dichloroethane-d4	5.964	65	38074	36.004	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.000%
32) Benzene-d6	5.977	84	106971	31.020	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.040%#
36) 1,2-Dichloropropane-d6	7.312	67	37125	34.771	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	69.540%#
41) Toluene-d8	8.653	98	93382	28.689	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	57.380%#
43) trans-1,3-Dichloroprop...	8.958	79	15807	29.447	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.900%#
47) 2-Hexanone-d5	9.397	63	37938	68.261	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.260%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	57121	37.855	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.700%
66) 1,2-Dichlorobenzene-d4	12.323	152	45428	35.248	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.500%#
Target Compounds						Qvalue
29) Cyclohexane	5.465	56	6729	5.048	ug/L	89
34) Trichloroethene	7.129	95	977591	1069.252	ug/L	94
35) Methylcyclohexane	7.379	83	21524	14.958	ug/L	99
42) Toluene	8.720	91	12542	3.272	ug/L	99
46) Tetrachloroethene	9.275	164	21176	27.311	ug/L	98
52) Ethylbenzene	10.195	91	4623	1.122	ug/L	94
53) m,p-Xylene	10.305	106	8709	5.219	ug/L	92
54) o-Xylene	10.647	106	8120	4.861	ug/L	98
60) Isopropylbenzene	10.970	105	3942	0.933	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	2561	0.725	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	10263	2.876	ug/L #	79

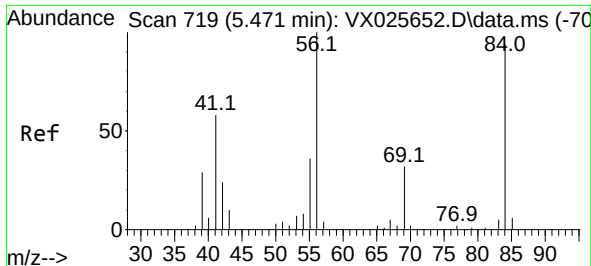
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 10 01:57:45 2021
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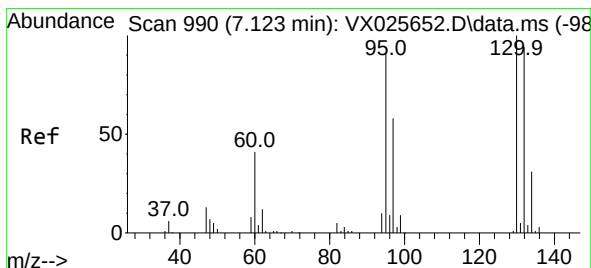
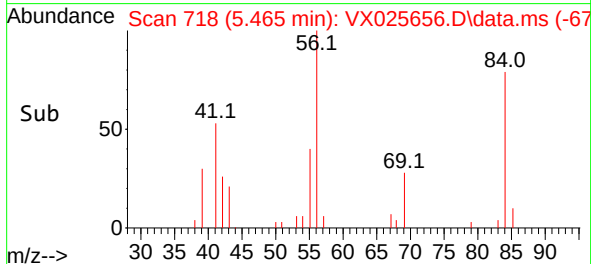
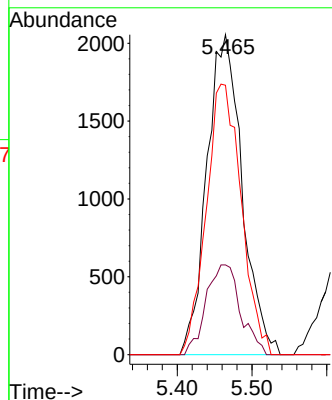
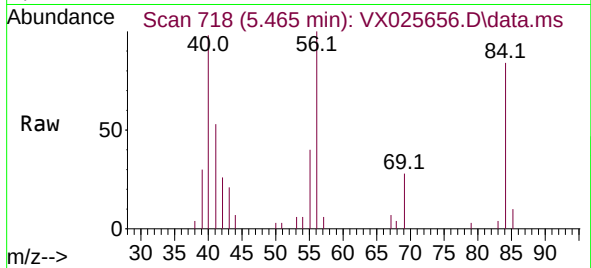




#29
Cyclohexane
Concen: 5.048 ug/L
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX025656.D
Acq: 09 Dec 2021 13:31

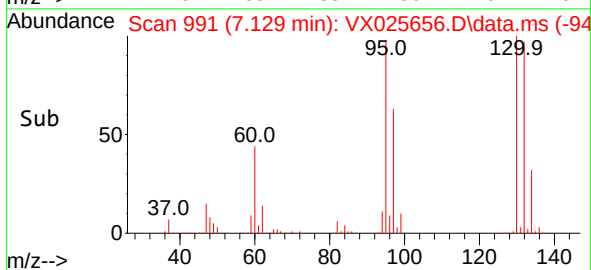
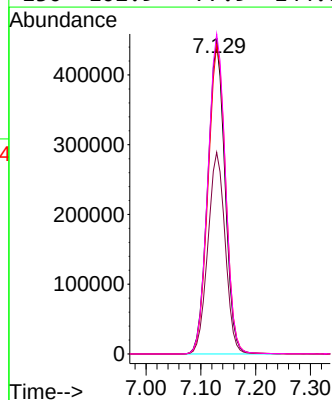
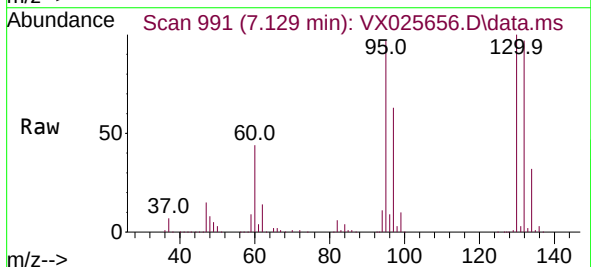
Instrument :
MSVOA_X
ClientSampleId :
EW9K4ME

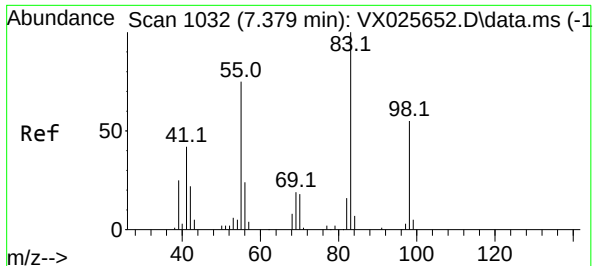
Tgt Ion: 56	Resp: 6729	
Ion Ratio	Lower	Upper
56	100	
69	27.3	25.4 38.2
84	83.8	76.6 114.8



#34
Trichloroethene
Concen: 1069.252 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025656.D
Acq: 09 Dec 2021 13:31

Tgt Ion: 95	Resp: 977591
Ion Ratio	Lower Upper
95 100	
97 64.8	46.0 85.4
132 99.5	75.0 139.2
130 102.9	77.9 144.7





#35

Methylcyclohexane

Concen: 14.958 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX025656.D

Acq: 09 Dec 2021 13:31

Instrument :

MSVOA_X

ClientSampleId :

EW9K4ME

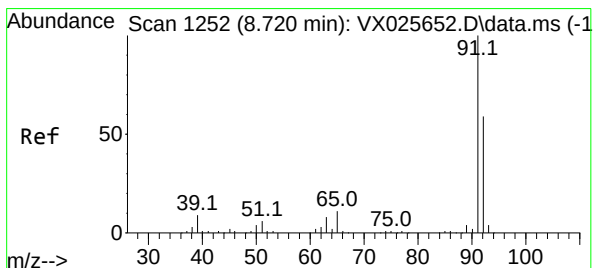
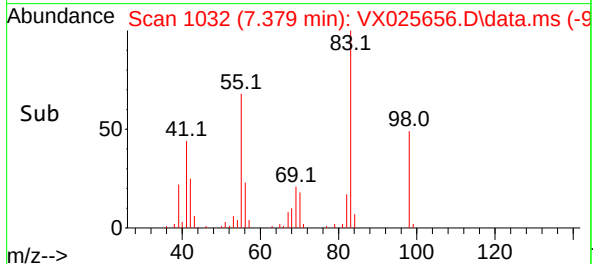
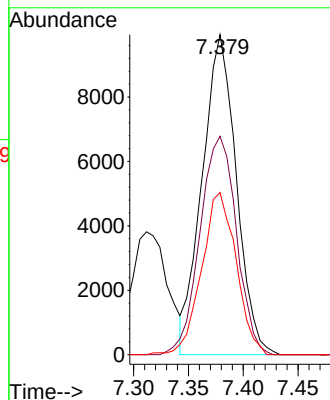
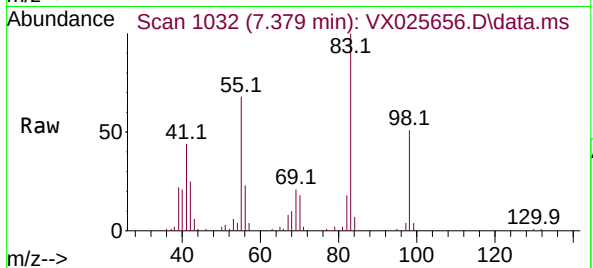
Tgt Ion: 83 Resp: 21524

Ion Ratio Lower Upper

83 100

55 72.9 57.3 85.9

98 51.0 41.1 61.7



#42

Toluene

Concen: 3.272 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025656.D

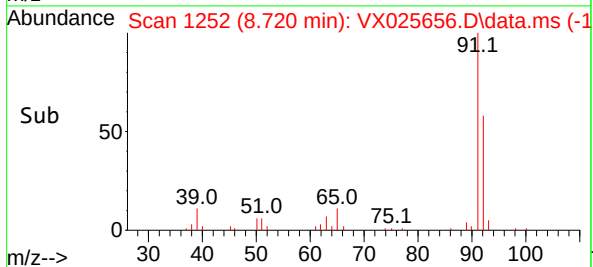
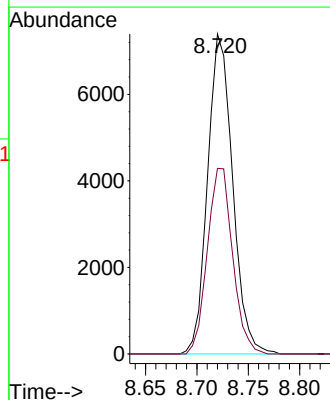
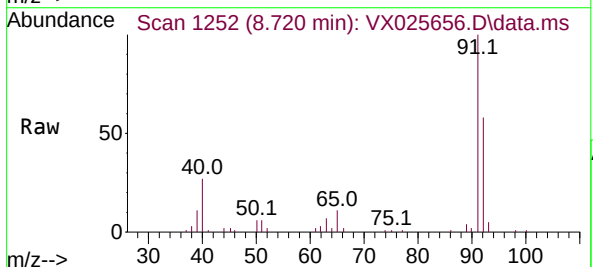
Acq: 09 Dec 2021 13:31

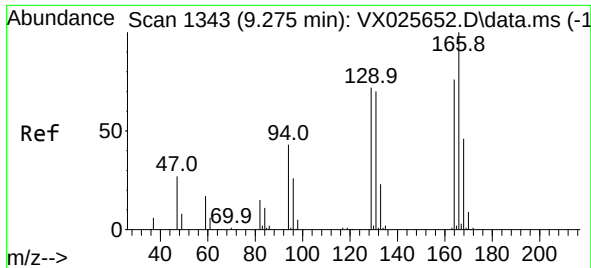
Tgt Ion: 91 Resp: 12542

Ion Ratio Lower Upper

91 100

92 58.0 41.2 76.6

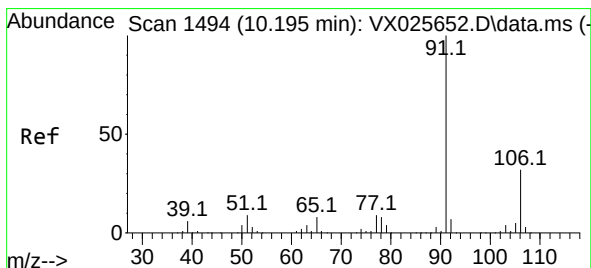
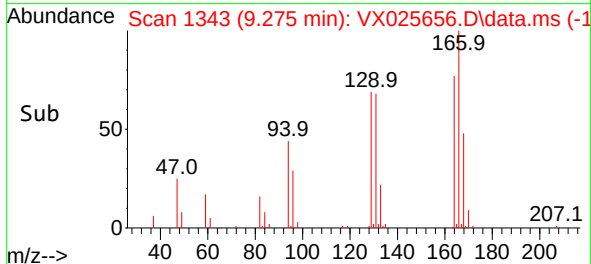
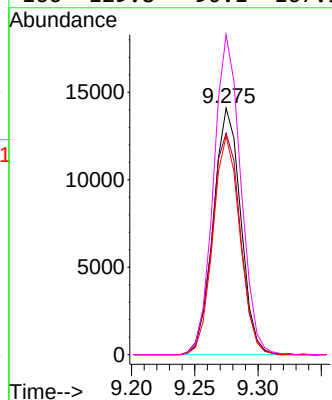
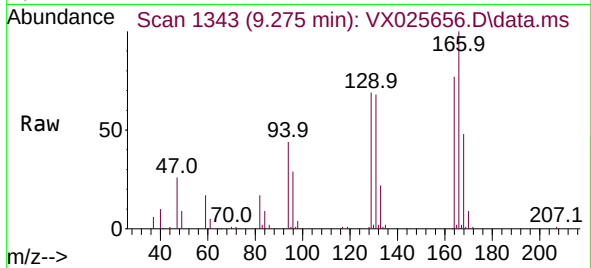




#46
Tetrachloroethene
Concen: 27.311 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025656.D
Acq: 09 Dec 2021 13:31

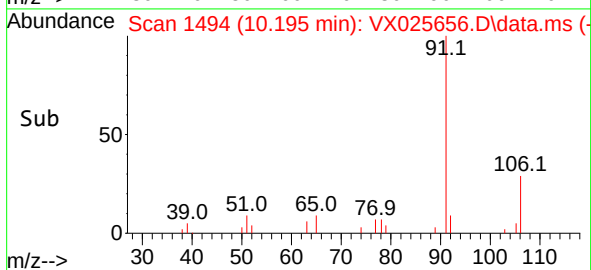
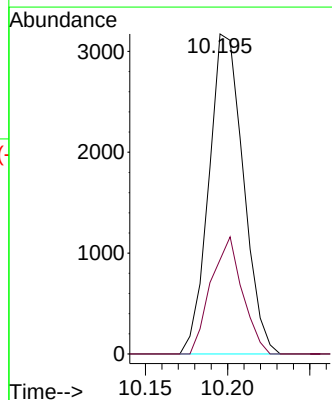
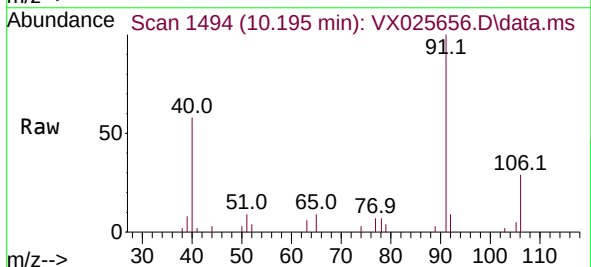
Instrument :
MSVOA_X
ClientSampleId :
EW9K4ME

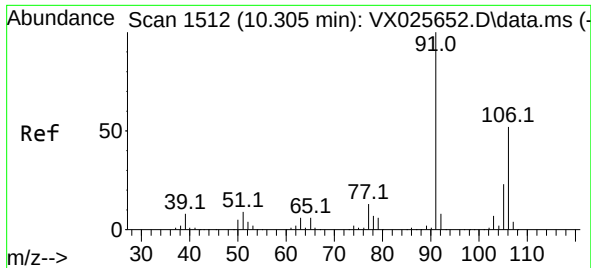
Tgt Ion:164 Resp: 21176
Ion Ratio Lower Upper
164 100
129 89.9 64.7 120.1
131 88.7 63.2 117.4
166 129.8 90.1 167.3



#52
Ethylbenzene
Concen: 1.122 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025656.D
Acq: 09 Dec 2021 13:31

Tgt Ion: 91 Resp: 4623
Ion Ratio Lower Upper
91 100
106 29.4 23.1 42.9

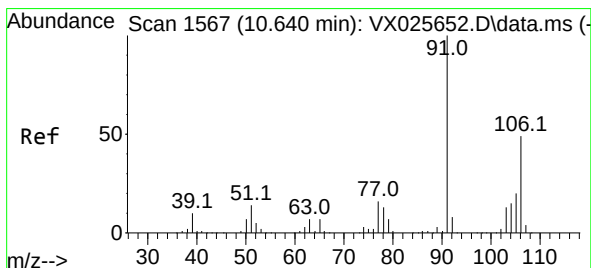
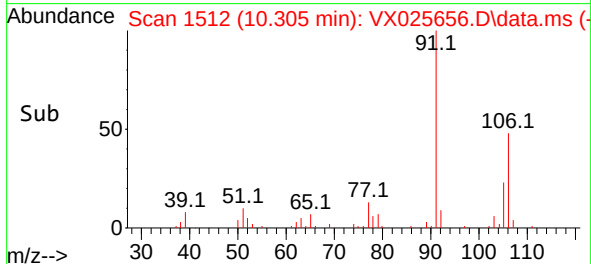
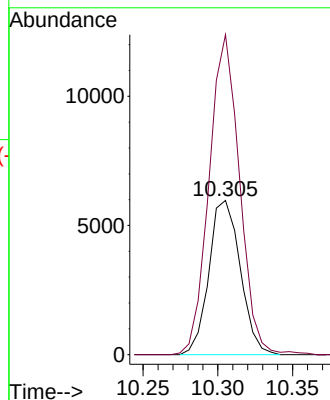
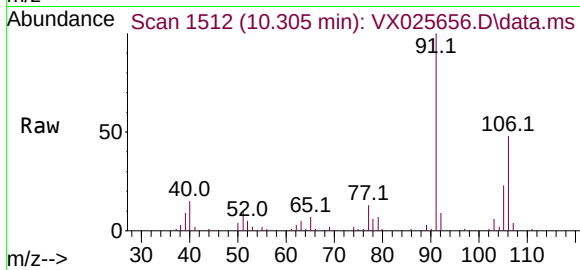




#53
m,p-Xylene
Concen: 5.219 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025656.D
Acq: 09 Dec 2021 13:31

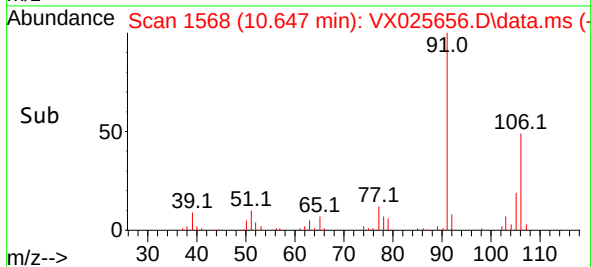
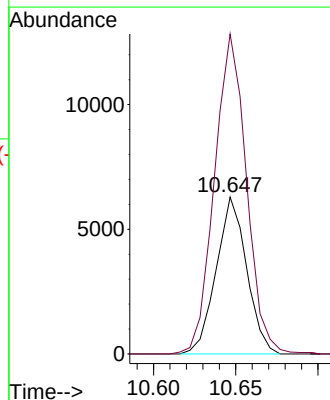
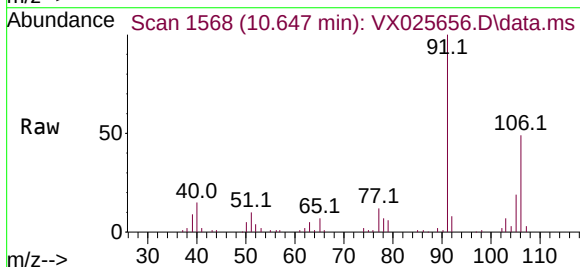
Instrument :
MSVOA_X
ClientSampleId :
EW9K4ME

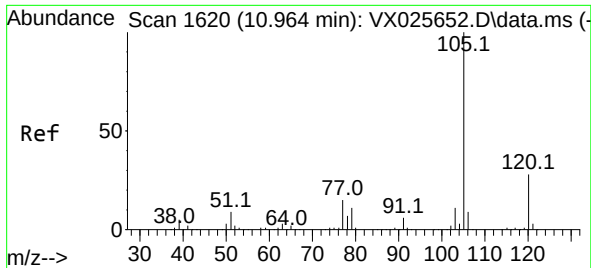
Tgt Ion:106 Resp: 8709
Ion Ratio Lower Upper
106 100
91 207.5 136.8 254.2



#54
o-Xylene
Concen: 4.861 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX025656.D
Acq: 09 Dec 2021 13:31

Tgt Ion:106 Resp: 8120
Ion Ratio Lower Upper
106 100
91 203.8 140.5 260.9

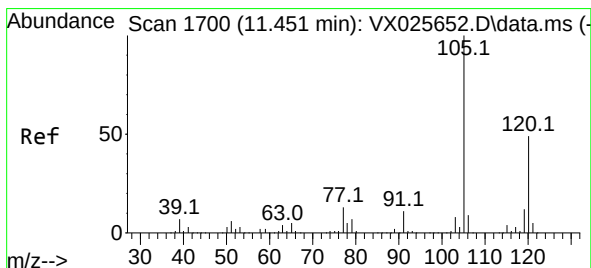
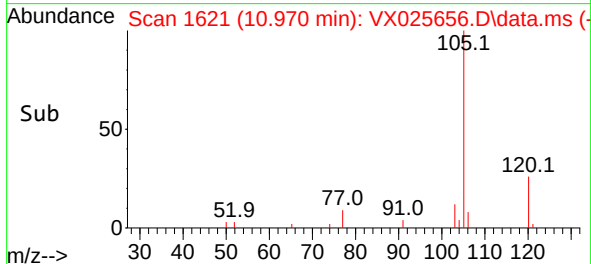
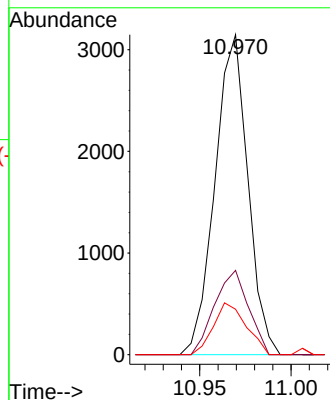
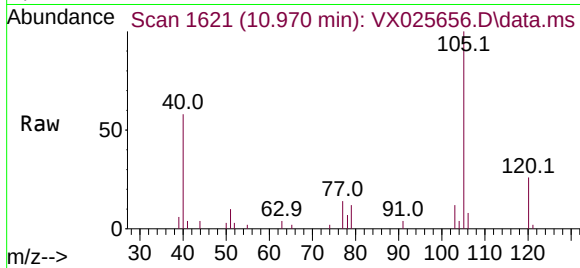




#60
Isopropylbenzene
Concen: 0.933 ug/L
RT: 10.970 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX025656.D
Acq: 09 Dec 2021 13:31

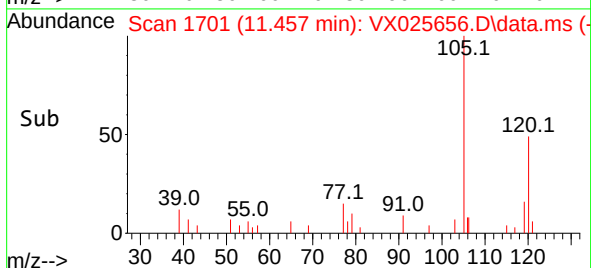
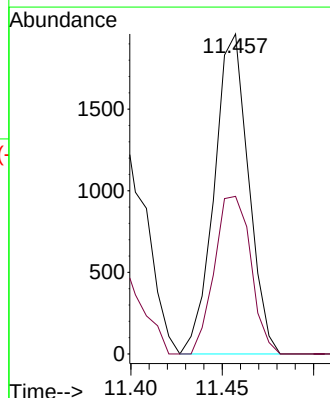
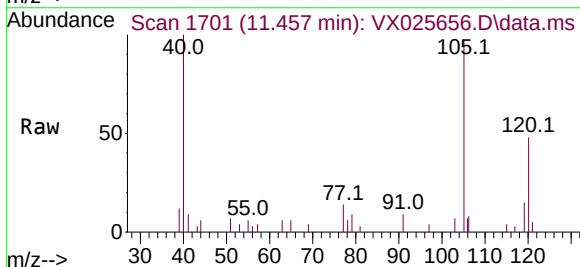
Instrument :
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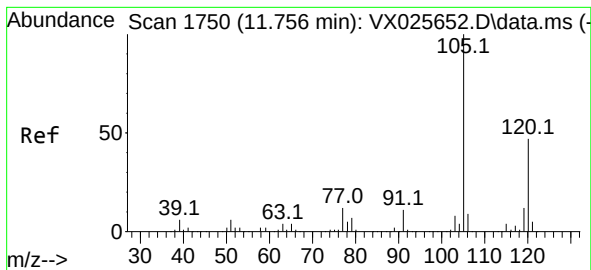
Tgt Ion:105 Resp: 3942
Ion Ratio Lower Upper
105 100
120 27.1 22.3 33.5
77 16.2 11.5 17.3



#62
1,3,5-Trimethylbenzene
Concen: 0.725 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025656.D
Acq: 09 Dec 2021 13:31

Tgt Ion:105 Resp: 2561
Ion Ratio Lower Upper
105 100
120 52.3 41.0 61.4





#63

1,2,4-Trimethylbenzene

Concen: 2.876 ug/L

RT: 11.756 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025656.D

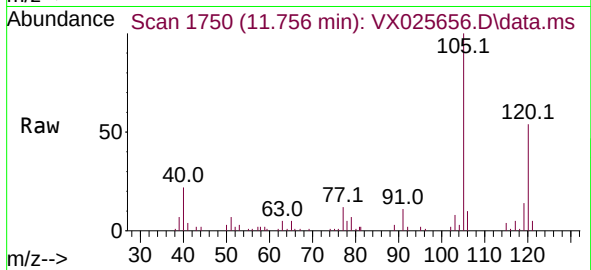
Acq: 09 Dec 2021 13:31

Instrument :

MSVOA_X

ClientSampleId :

EW9K4ME



Tgt Ion:105 Resp: 10263

Ion Ratio Lower Upper

105 100

120 49.8 0.1 0.1#

