

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026072.D
 Acq On : 27 Dec 2021 19:13
 Operator : JC/MD
 Sample : M5174-03ME
 Misc : 6.20g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 01:33:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

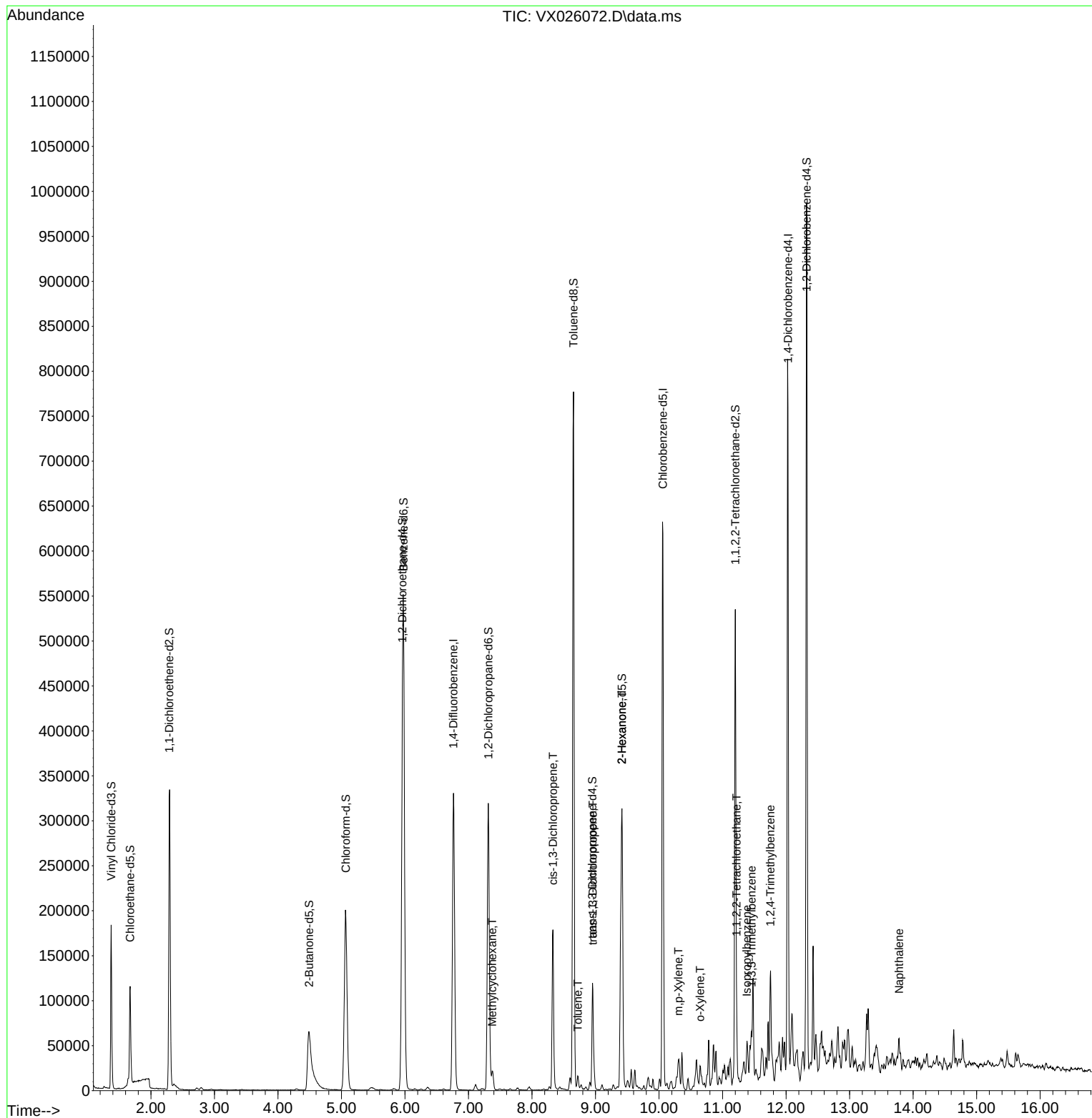
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	336774	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	309167	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.030	152	162440	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	128904	53.976	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.960%
7) Chloroethane-d5	1.672	69	80447	42.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.300%
11) 1,1-Dichloroethene-d2	2.288	63	196250	41.468	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.940%
21) 2-Butanone-d5	4.489	46	206912	99.932	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.930%
24) Chloroform-d	5.068	84	242121	50.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.320%
26) 1,2-Dichloroethane-d4	5.958	65	166876	51.572	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.140%
32) Benzene-d6	5.977	84	513403	57.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.380%
36) 1,2-Dichloropropane-d6	7.312	67	158230	57.202	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.400%
41) Toluene-d8	8.653	98	456851	54.984	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.960%
43) trans-1,3-Dichloroprop...	8.952	79	56572	47.007	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.020%
47) 2-Hexanone-d5	9.415	63	147357	103.219	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.220%
56) 1,1,2,2-Tetrachloroeth...	11.201	84	204464	50.128	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.260%
66) 1,2-Dichlorobenzene-d4	12.323	152	175962	57.324	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.640%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	7.373	83	8151	2.051	ug/L #	86
39) cis-1,3-Dichloropropene	8.330	75	4410	1.232	ug/L #	57
42) Toluene	8.720	91	9236	0.883	ug/L	95
44) trans-1,3-Dichloropropene	8.958	75	2774	0.816	ug/L	92
48) 2-Hexanone	9.415	43	19846	6.228	ug/L #	65
53) m,p-Xylene	10.305	106	4861	1.123	ug/L	88
54) o-Xylene	10.646	106	4398	1.026	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.220	83	4350	1.075	ug/L #	59
60) Isopropylbenzene	11.384	105	15306	1.371	ug/L	96
62) 1,3,5-Trimethylbenzene	11.457	105	21241	2.273	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	39891	4.261	ug/L #	80
71) Naphthalene	13.780	128	19460	1.729	ug/L #	95

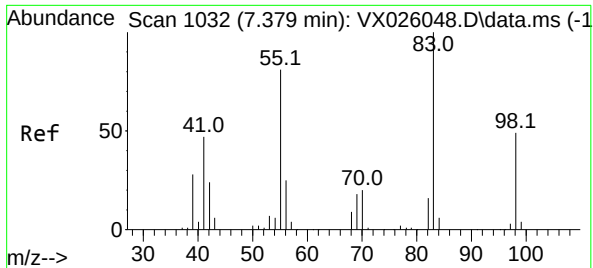
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 23 21:00:32 2021
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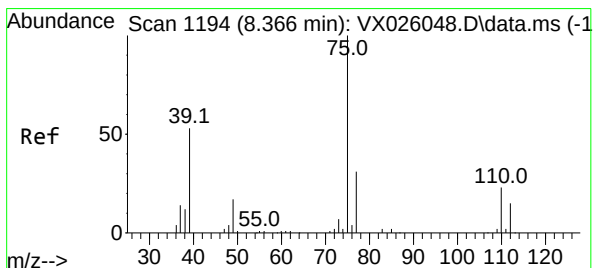
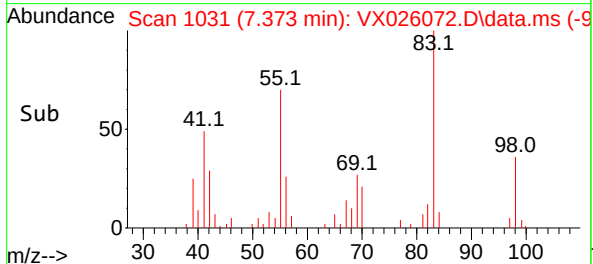
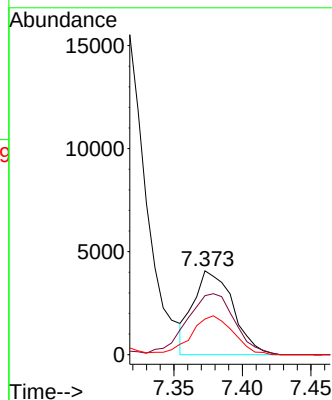
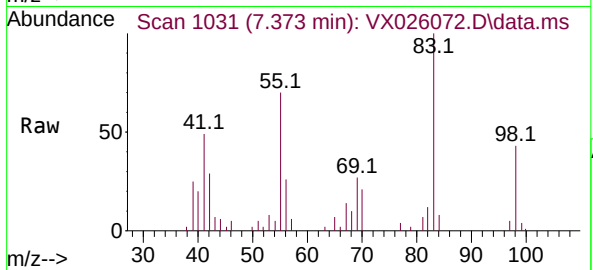




#35
Methylcyclohexane
Concen: 2.051 ug/L
RT: 7.373 min Scan# 1188
Delta R.T. -0.012 min
Lab File: VX026072.D
Acq: 27 Dec 2021 19:13

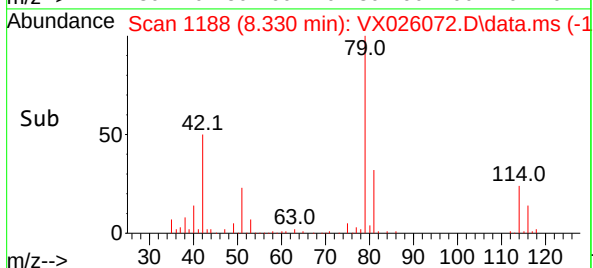
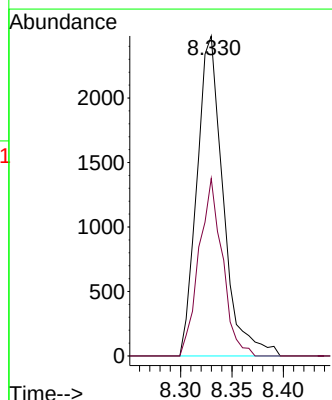
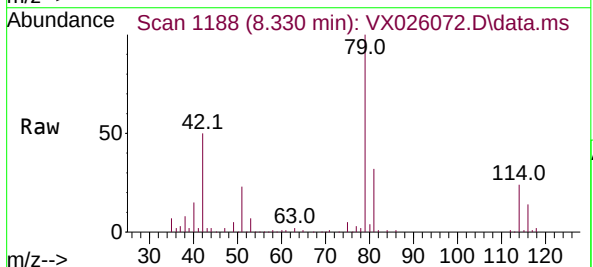
Instrument :
MSVOA_X
ClientSampleId :

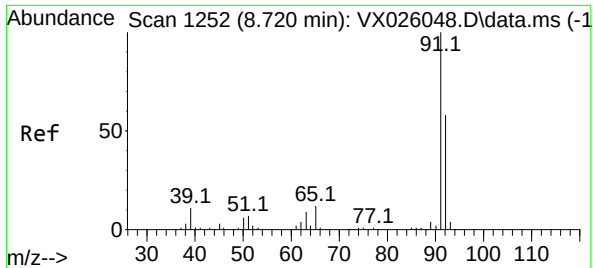
Tgt Ion: 83 Resp: 8151
Ion Ratio Lower Upper
83 100
55 88.6 57.3 85.9#
98 48.5 41.1 61.7



#39
cis-1,3-Dichloropropene
Concen: 1.232 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX026072.D
Acq: 27 Dec 2021 19:13

Tgt Ion: 75 Resp: 4410
Ion Ratio Lower Upper
75 100
77 55.5 22.3 41.3#





#42

Toluene

Concen: 0.883 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026072.D

Acq: 27 Dec 2021 19:13

Instrument :

MSVOA_X

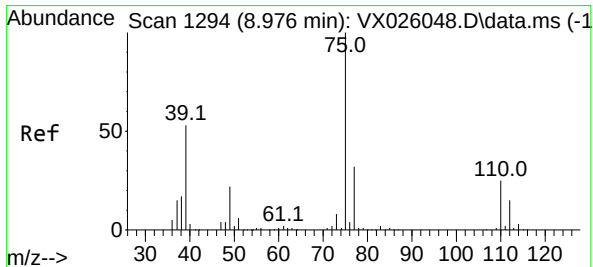
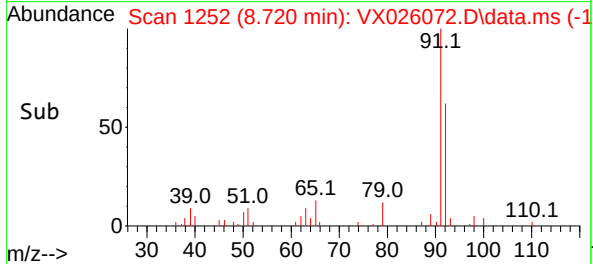
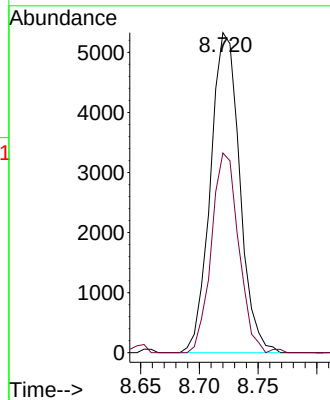
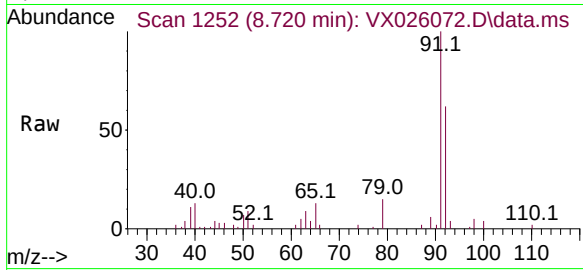
ClientSampleId :

Tgt Ion: 91 Resp: 9236

Ion Ratio Lower Upper

91 100

92 62.4 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 0.816 ug/L

RT: 8.958 min Scan# 1291

Delta R.T. -0.024 min

Lab File: VX026072.D

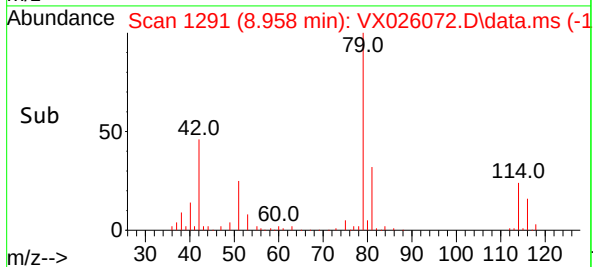
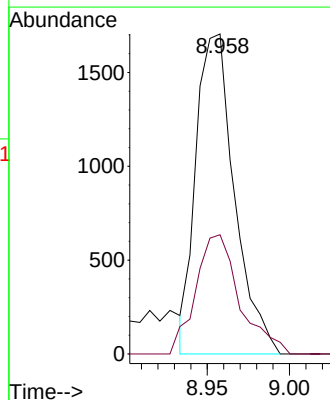
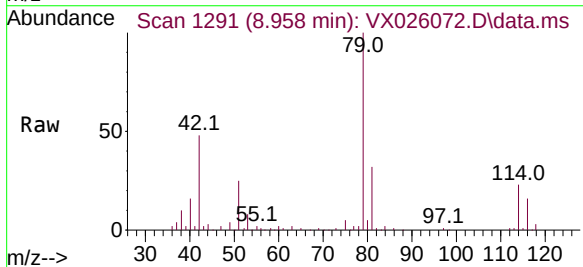
Acq: 27 Dec 2021 19:13

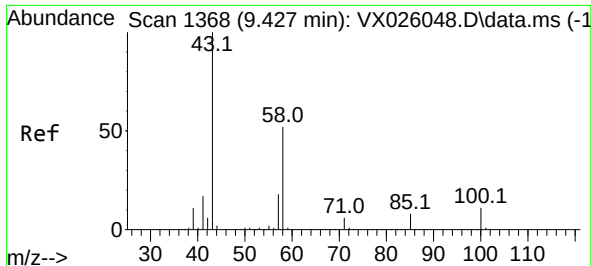
Tgt Ion: 75 Resp: 2774

Ion Ratio Lower Upper

75 100

77 37.2 23.0 42.8





#48

2-Hexanone

Concen: 6.228 ug/L

RT: 9.415 min Scan# 1

Delta R.T. -0.018 min

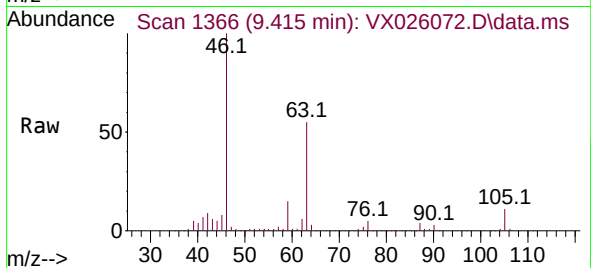
Lab File: VX026072.D

Acq: 27 Dec 2021 19:13

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 19846

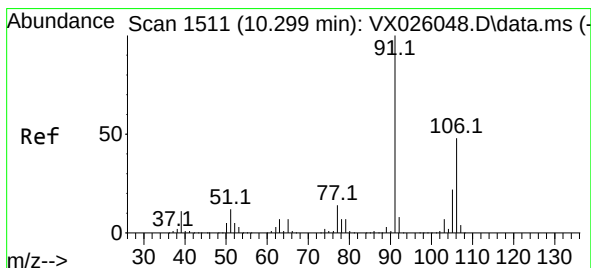
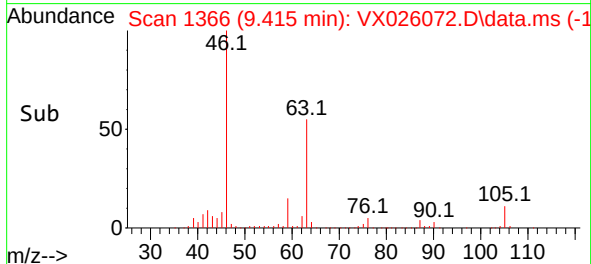
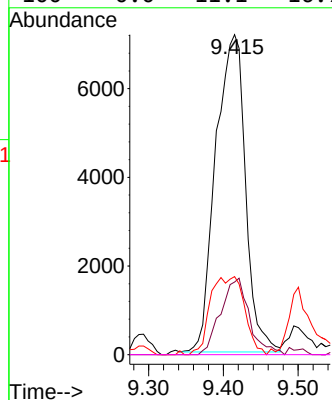
Ion Ratio Lower Upper

43 100

58 23.2 44.2 66.4#

57 14.3 15.1 22.7#

100 0.0 11.1 16.7#



#53

m,p-Xylene

Concen: 1.123 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX026072.D

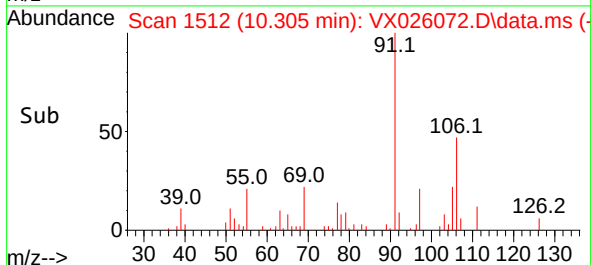
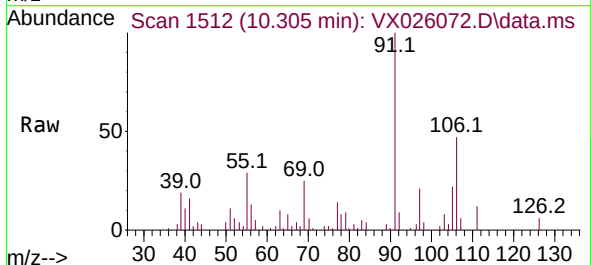
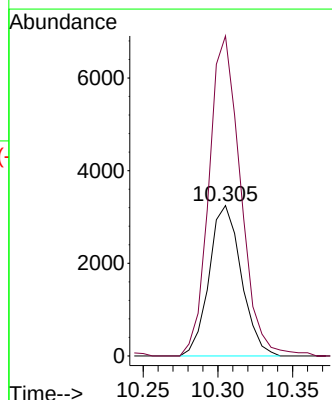
Acq: 27 Dec 2021 19:13

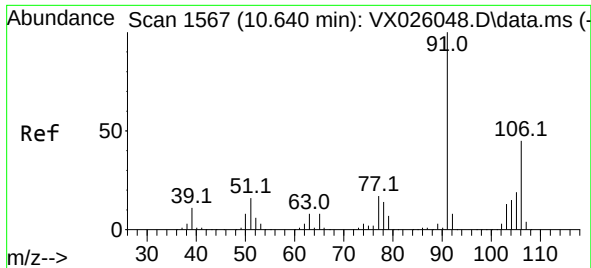
Tgt Ion:106 Resp: 4861

Ion Ratio Lower Upper

106 100

91 212.7 136.8 254.2

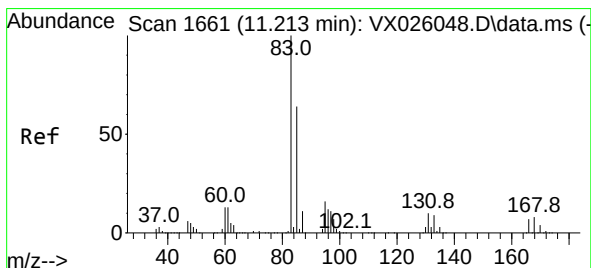
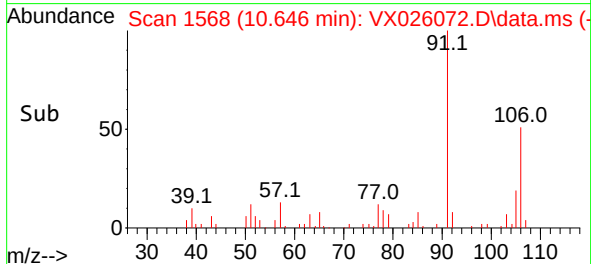
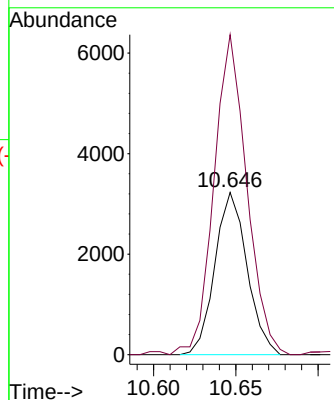
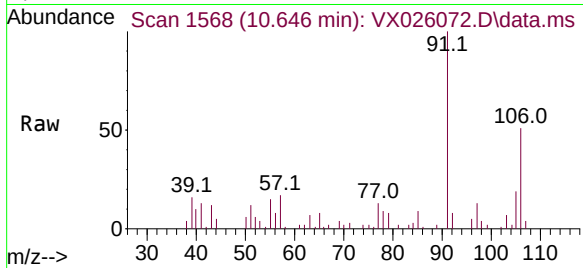




#54
o-Xylene
Concen: 1.026 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX026072.D
Acq: 27 Dec 2021 19:13

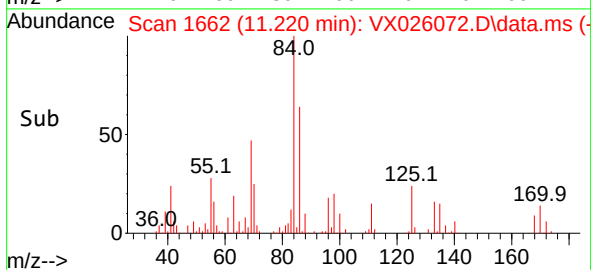
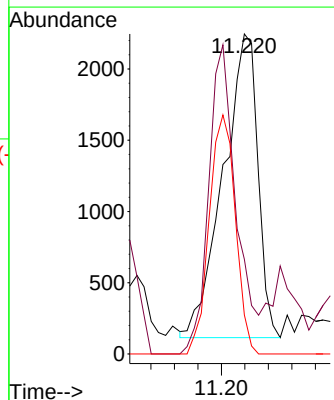
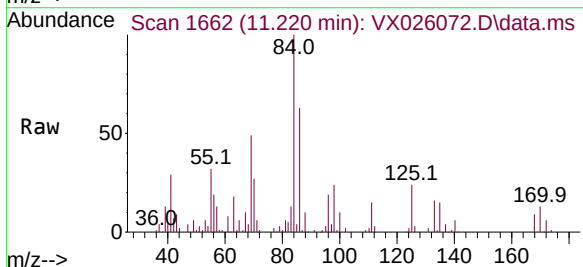
Instrument :
MSVOA_X
ClientSampleId :

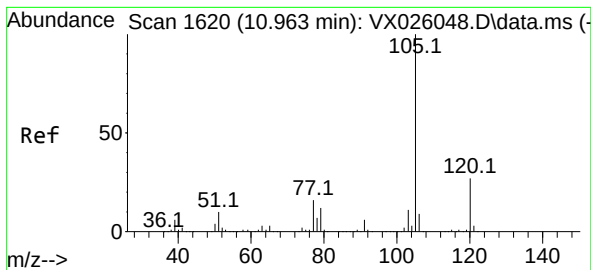
Tgt Ion:106 Resp: 4398
Ion Ratio Lower Upper
106 100
91 197.2 140.5 260.9



#57
1,1,2,2-Tetrachloroethane
Concen: 1.075 ug/L
RT: 11.220 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX026072.D
Acq: 27 Dec 2021 19:13

Tgt Ion: 83 Resp: 4350
Ion Ratio Lower Upper
83 100
85 29.6 47.0 87.2#
131 12.2 8.5 12.7





#60

Isopropylbenzene

Concen: 1.371 ug/L

RT: 11.384 min Scan# 1

Delta R.T. 0.421 min

Lab File: VX026072.D

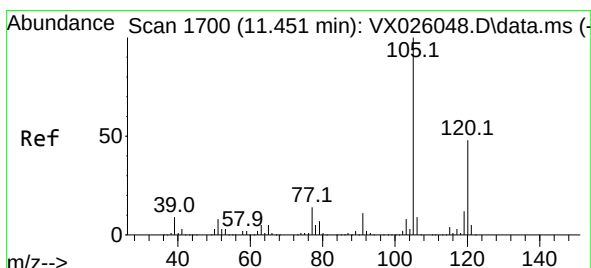
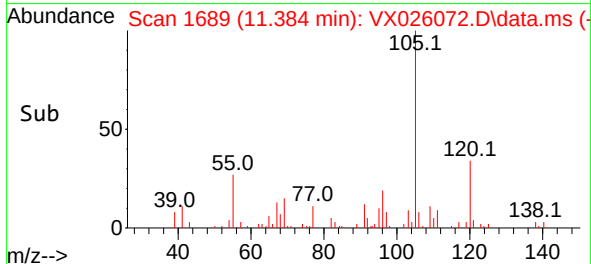
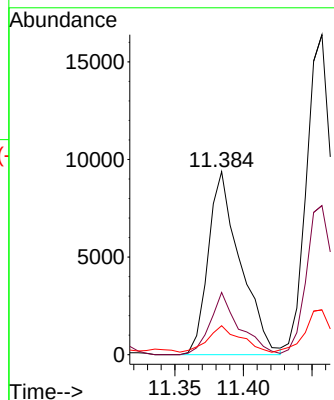
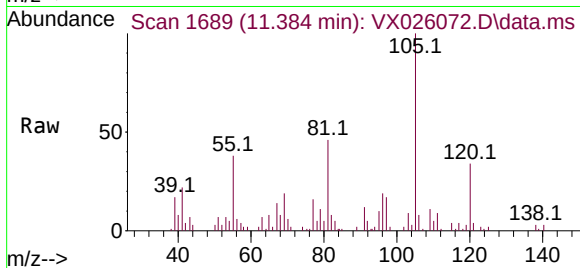
Acq: 27 Dec 2021 19:13

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:105	Resp:	15306
Ion Ratio	Lower	Upper
105	100	
120	30.8	22.3 33.5
77	14.5	11.5 17.3



#62

1,3,5-Trimethylbenzene

Concen: 2.273 ug/L

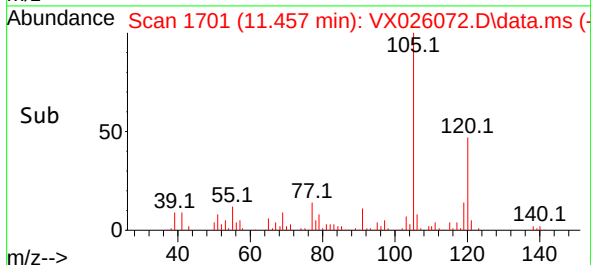
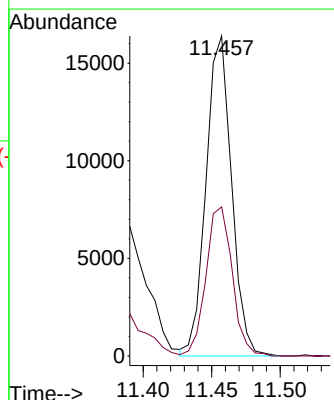
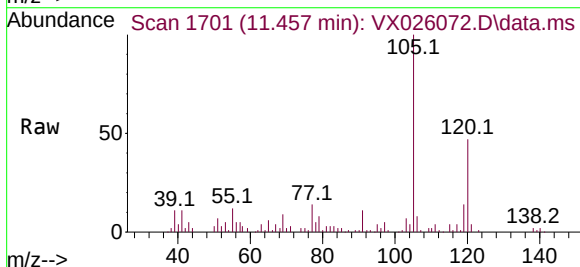
RT: 11.457 min Scan# 1701

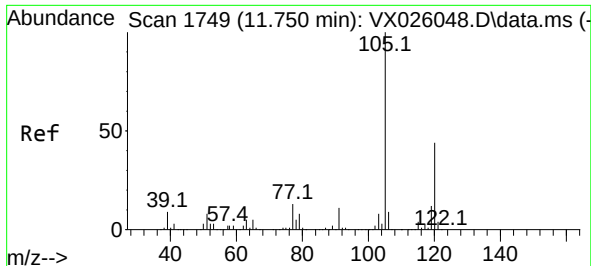
Delta R.T. 0.006 min

Lab File: VX026072.D

Acq: 27 Dec 2021 19:13

Tgt Ion:105	Resp:	21241
Ion Ratio	Lower	Upper
105	100	
120	48.0	41.0 61.4

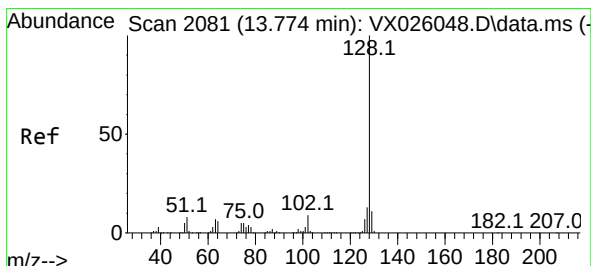
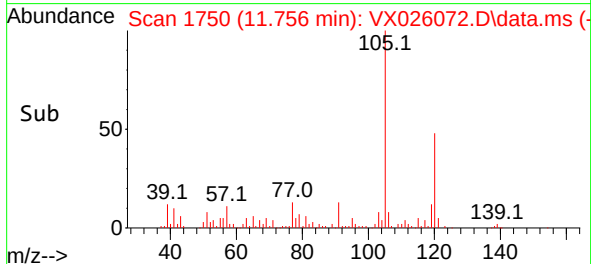
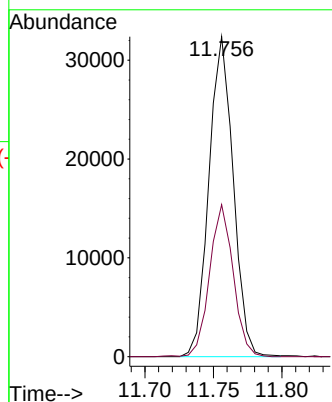
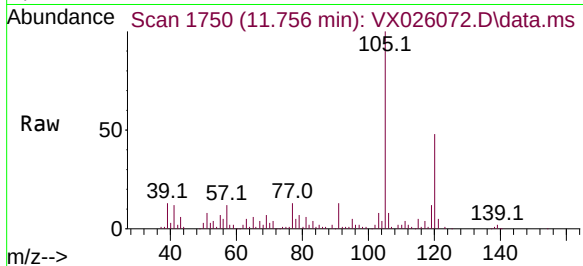




#63
1,2,4-Trimethylbenzene
Concen: 4.261 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX026072.D
Acq: 27 Dec 2021 19:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 39891
Ion Ratio Lower Upper
105 100
120 46.1 0.1 0.1#



#71
Naphthalene
Concen: 1.729 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX026072.D
Acq: 27 Dec 2021 19:13

Tgt Ion:128 Resp: 19460
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 14.6 8.7 13.1#

