

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025568.D
 Acq On : 07 Dec 2021 10:42
 Operator : JC/MD
 Sample : M4881-01ME
 Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 08 05:32:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 05:26:42 2021
 Response via : Initial Calibration

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

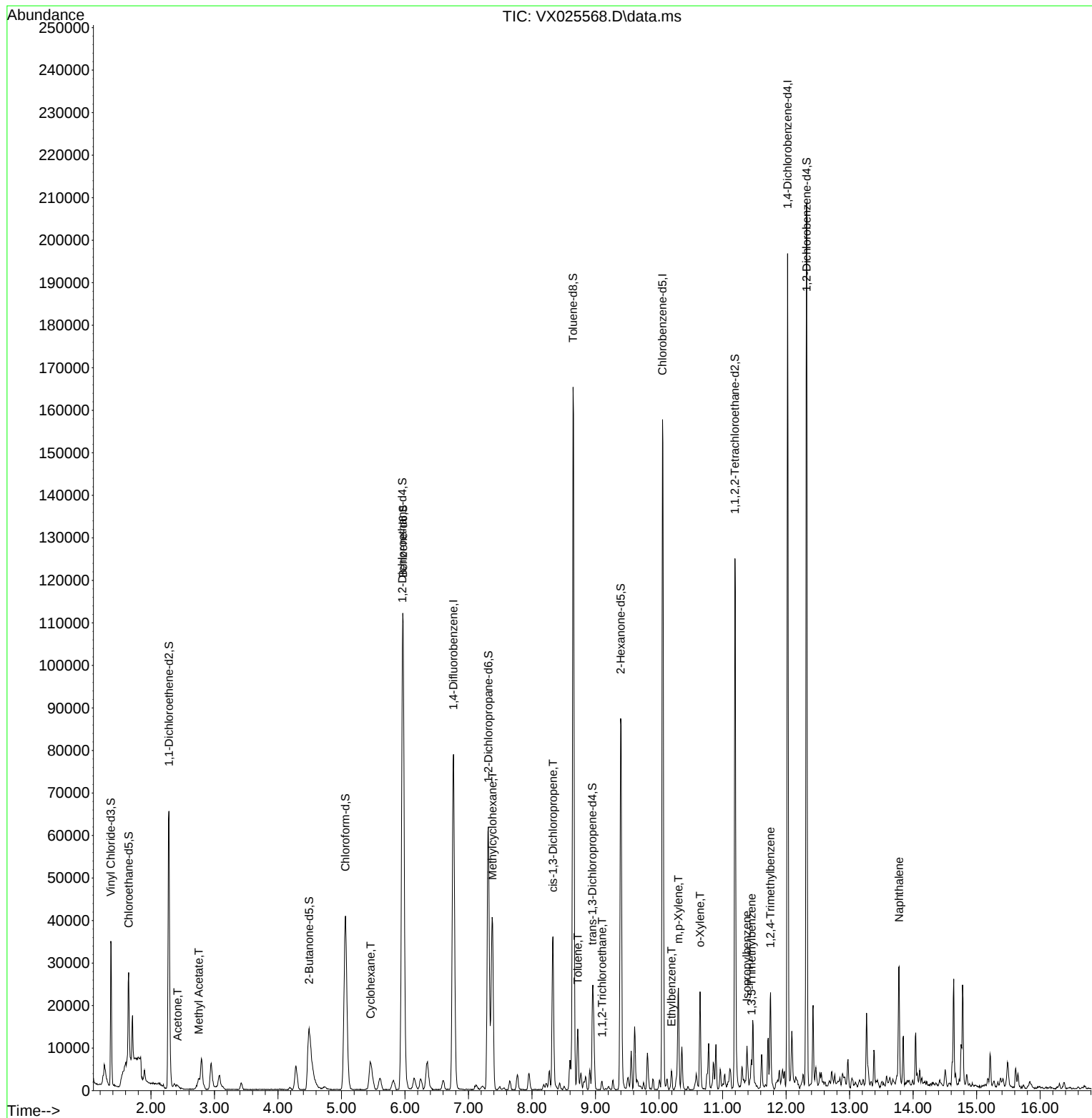
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	91427	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	81463	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	41828	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	24806	39.757	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.520%
7) Chloroethane-d5	1.648	69	13734	26.670	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	53.340%#
11) 1,1-Dichloroethene-d2	2.282	63	38180	38.377	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.760%
21) 2-Butanone-d5	4.489	46	42156	90.762	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.760%
24) Chloroform-d	5.062	84	53344	48.918	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.840%
26) 1,2-Dichloroethane-d4	5.958	65	34968	51.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.900%
32) Benzene-d6	5.970	84	111555	51.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.340%
36) 1,2-Dichloropropane-d6	7.312	67	33306	49.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.660%
41) Toluene-d8	8.647	98	102384	50.241	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.480%
43) trans-1,3-Dichloroprop...	8.952	79	12736	37.896	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.800%
47) 2-Hexanone-d5	9.397	63	30103	86.513	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.510%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	46197	48.900	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	41769	50.914	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.820%
Target Compounds						Qvalue
13) Acetone	2.416	43	1014	2.655	ug/L	95
15) Methyl Acetate	2.752	43	2773	4.493	ug/L #	98
29) Cyclohexane	5.458	56	4622	5.538	ug/L	96
35) Methylcyclohexane	7.379	83	18818	20.888	ug/L	97
39) cis-1,3-Dichloropropene	8.330	75	932	1.048	ug/L #	55
42) Toluene	8.720	91	9526	3.969	ug/L	98
45) 1,1,2-Trichloroethane	9.104	97	823	1.421	ug/L #	15
52) Ethylbenzene	10.195	91	2841	1.101	ug/L	93
53) m,p-Xylene	10.305	106	5865	5.613	ug/L	91
54) o-Xylene	10.646	106	4925	4.709	ug/L	95
60) Isopropylbenzene	11.384	105	3668	1.364	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	2635	1.172	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	8486	3.736	ug/L #	79
71) Naphthalene	13.780	128	17050	6.664	ug/L	99

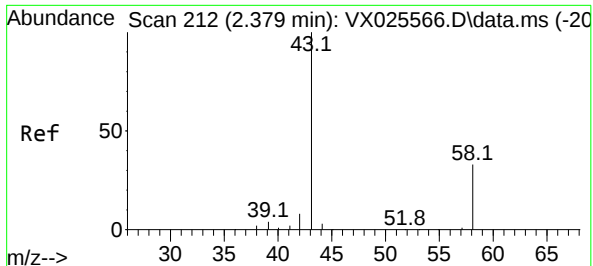
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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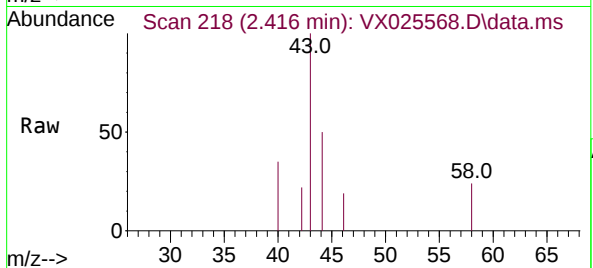
Quant Time: Dec 08 05:32:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 08 05:26:42 2021
Response via : Initial Calibration



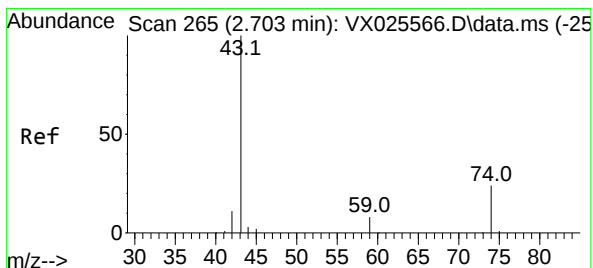
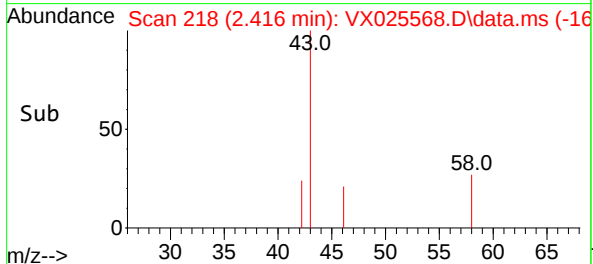
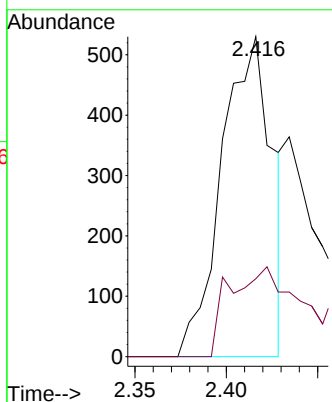


#13
Acetone
Concen: 2.655 ug/L
RT: 2.416 min Scan# 212
Delta R.T. 0.037 min
Lab File: VX025568.D
Acq: 07 Dec 2021 10:42

Instrument :
MSVOA_X
ClientSampleId :

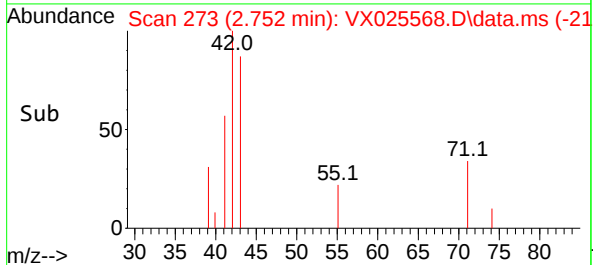
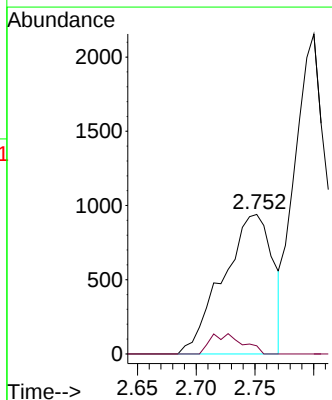
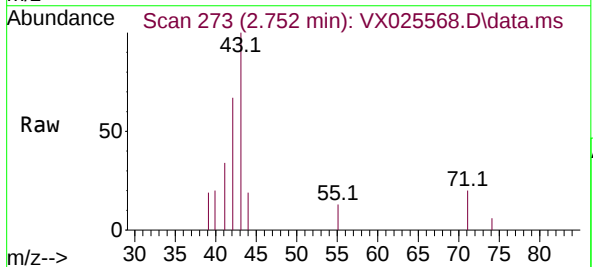


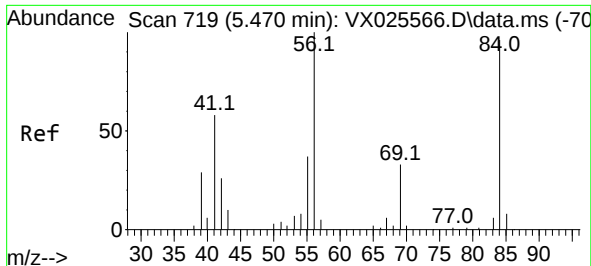
Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 30.2 0.0 65.6



#15
Methyl Acetate
Concen: 4.493 ug/L
RT: 2.752 min Scan# 273
Delta R.T. 0.049 min
Lab File: VX025568.D
Acq: 07 Dec 2021 10:42

Tgt Ion: 43 Resp: 2773
Ion Ratio Lower Upper
43 100
74 3.9 0.1 0.1#





#29

Cyclohexane

Concen: 5.538 ug/L

RT: 5.458 min Scan# 717

Delta R.T. -0.012 min

Lab File: VX025568.D

Acq: 07 Dec 2021 10:42

Instrument :

MSVOA_X

ClientSampleId :

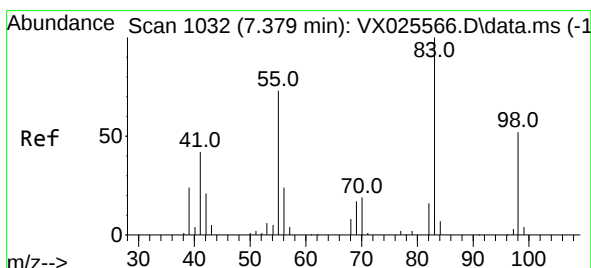
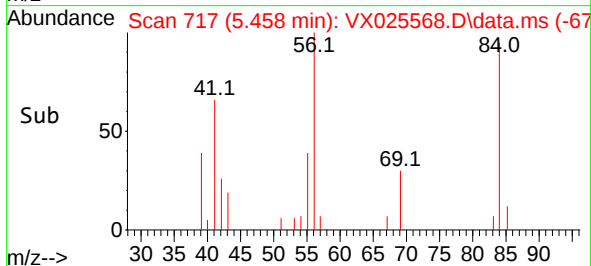
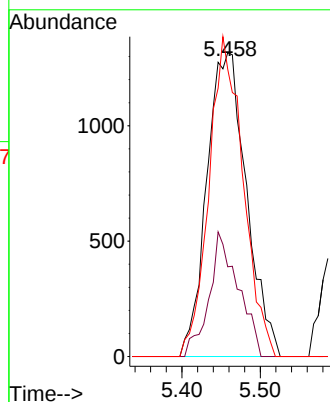
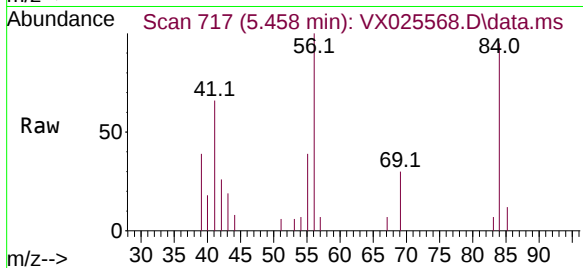
Tgt Ion: 56 Resp: 4622

Ion Ratio Lower Upper

56 100

69 30.2 25.4 38.2

84 90.8 76.6 114.8



#35

Methylcyclohexane

Concen: 20.888 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX025568.D

Acq: 07 Dec 2021 10:42

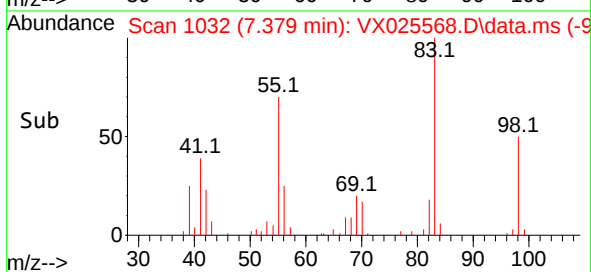
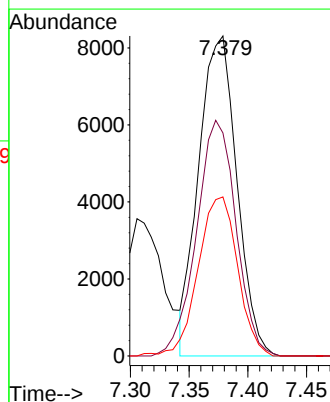
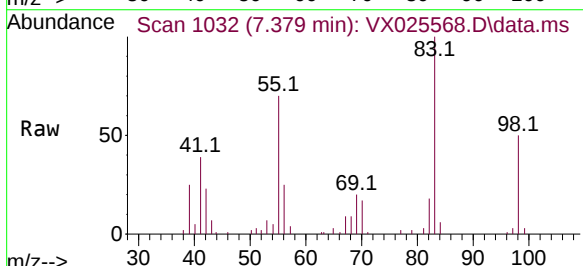
Tgt Ion: 83 Resp: 18818

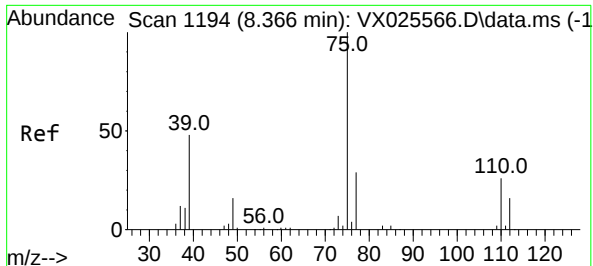
Ion Ratio Lower Upper

83 100

55 76.0 57.3 85.9

98 51.2 41.1 61.7





#39

cis-1,3-Dichloropropene

Concen: 1.048 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.036 min

Lab File: VX025568.D

Acq: 07 Dec 2021 10:42

Instrument :

MSVOA_X

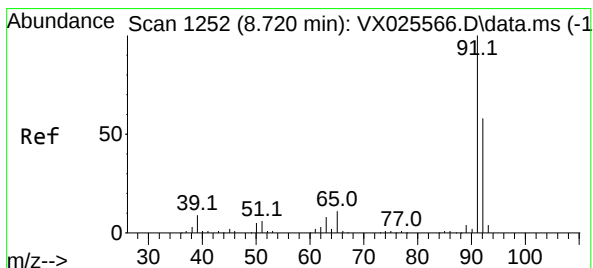
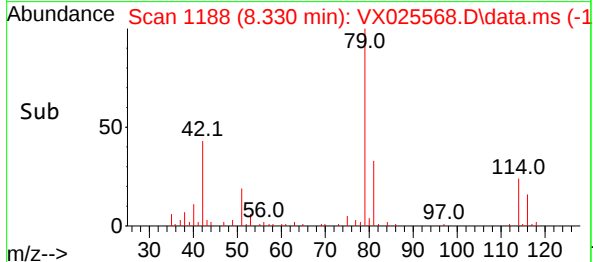
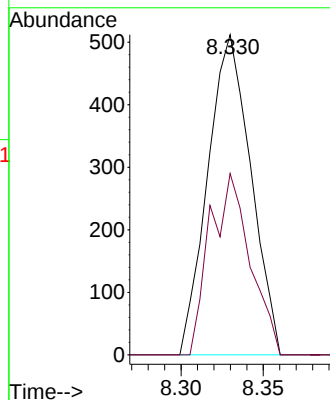
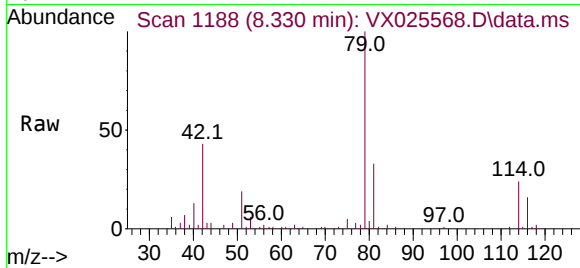
ClientSampleId :

Tgt Ion: 75 Resp: 932

Ion Ratio Lower Upper

75 100

77 56.6 22.3 41.3#



#42

Toluene

Concen: 3.969 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025568.D

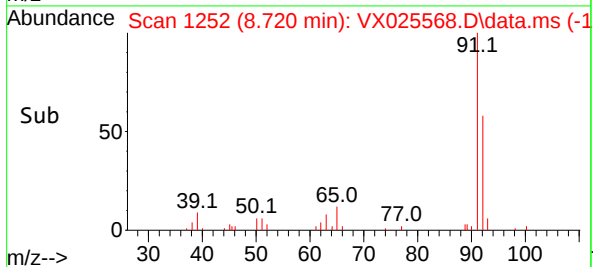
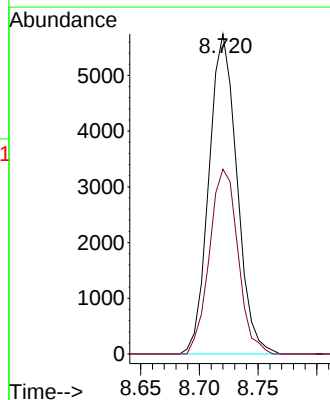
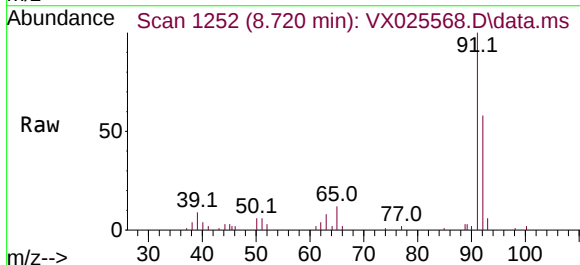
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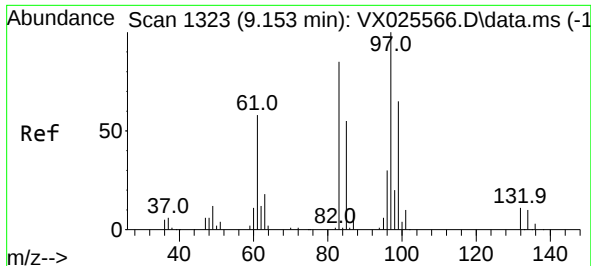
Tgt Ion: 91 Resp: 9526

Ion Ratio Lower Upper

91 100

92 57.7 41.2 76.6





#45

1,1,2-Trichloroethane

Concen: 1.421 ug/L

RT: 9.104 min Scan# 1

Delta R.T. -0.049 min

Lab File: VX025568.D

Acq: 07 Dec 2021 10:42

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 823

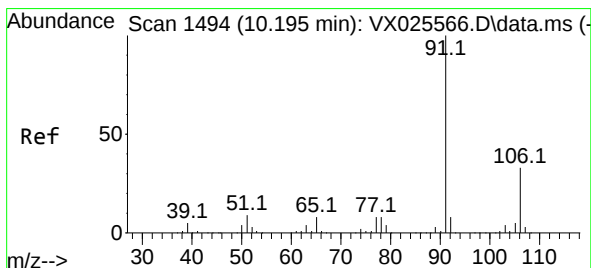
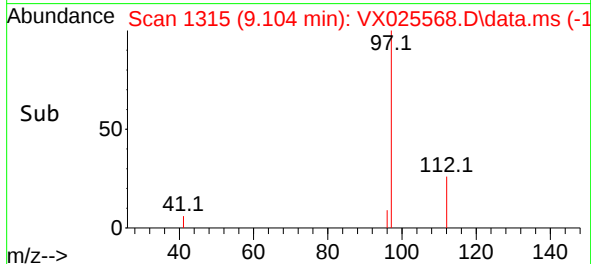
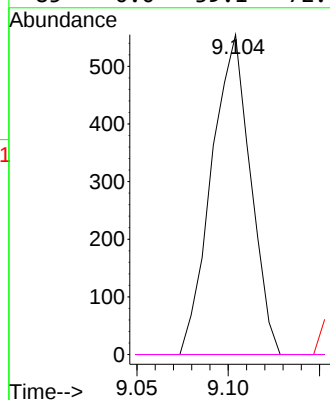
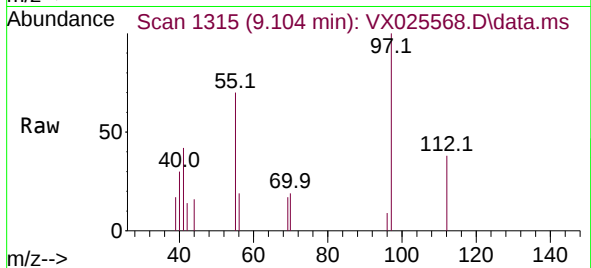
Ion Ratio Lower Upper

97 100

99 0.0 46.0 85.4#

83 0.0 59.6 110.8#

85 0.0 39.1 72.7#



#52

Ethylbenzene

Concen: 1.101 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX025568.D

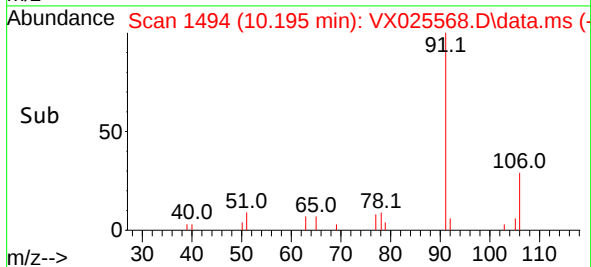
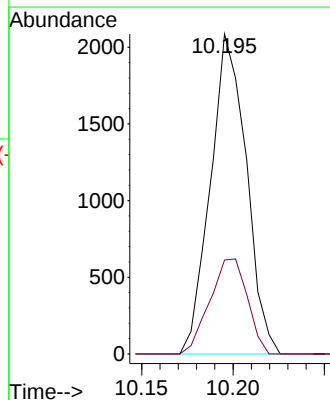
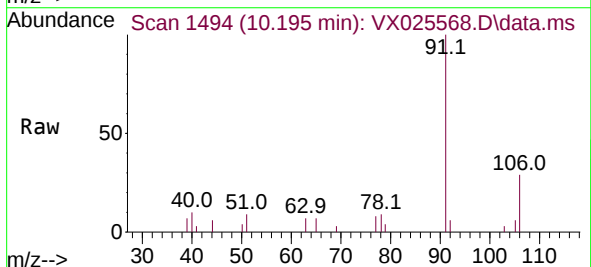
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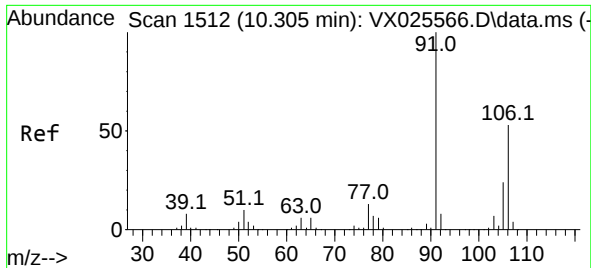
Tgt Ion: 91 Resp: 2841

Ion Ratio Lower Upper

91 100

106 29.3 23.1 42.9

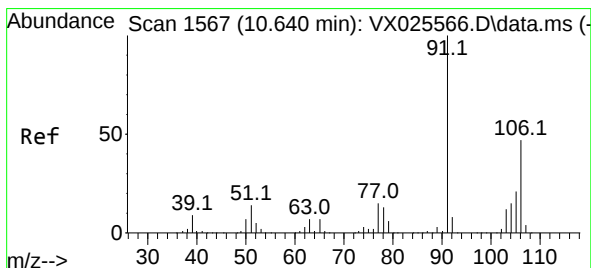
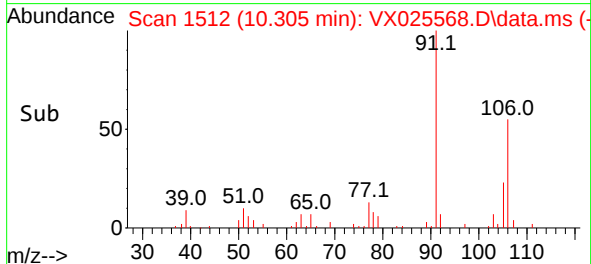
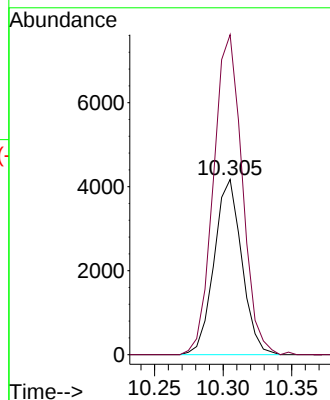
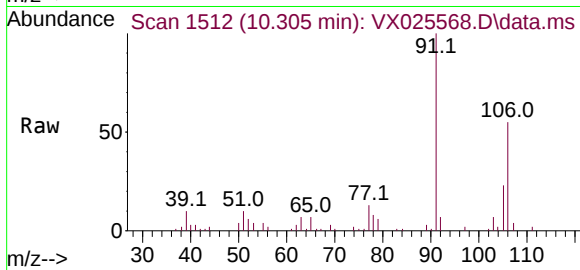




#53
m,p-Xylene
Concen: 5.613 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025568.D
Acq: 07 Dec 2021 10:42

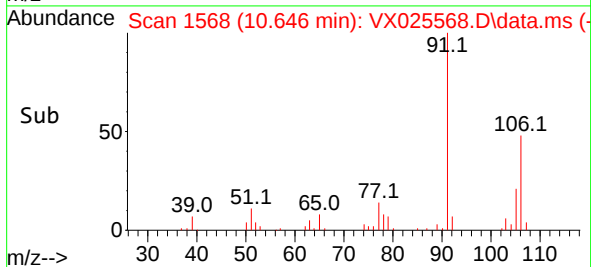
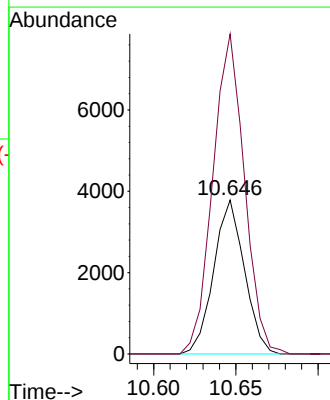
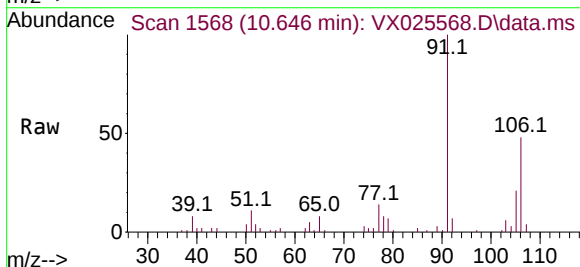
Instrument :
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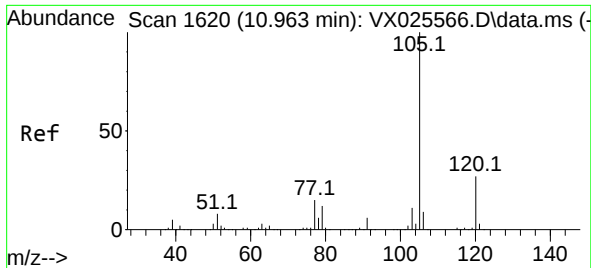
Tgt Ion:106 Resp: 5865
Ion Ratio Lower Upper
106 100
91 182.6 136.8 254.2



#54
o-Xylene
Concen: 4.709 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX025568.D
Acq: 07 Dec 2021 10:42

Tgt Ion:106 Resp: 4925
Ion Ratio Lower Upper
106 100
91 207.9 140.5 260.9

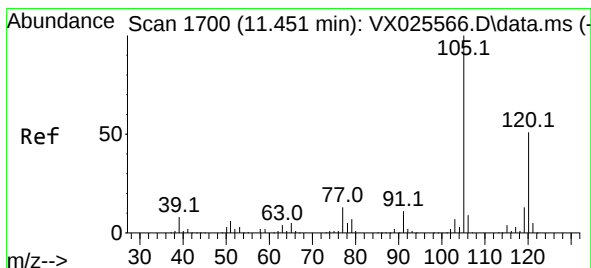
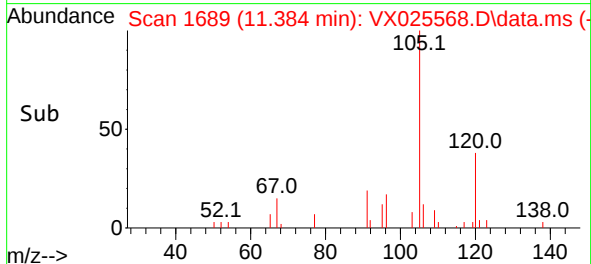
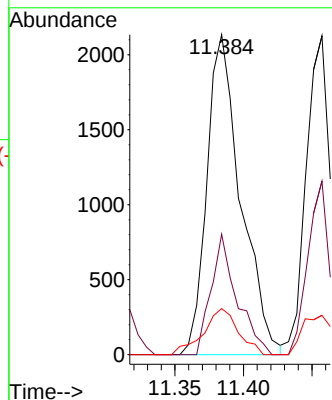
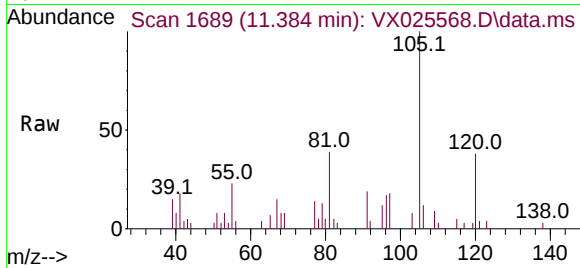




#60
Isopropylbenzene
Concen: 1.364 ug/L
RT: 11.384 min Scan# 1
Delta R.T. 0.421 min
Lab File: VX025568.D
Acq: 07 Dec 2021 10:42

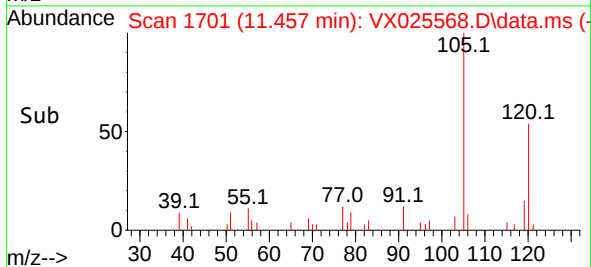
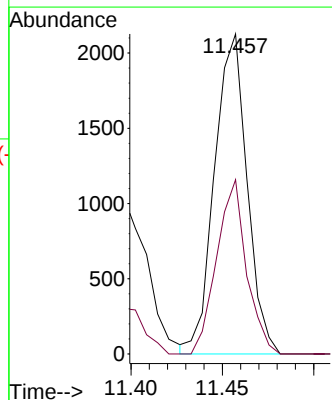
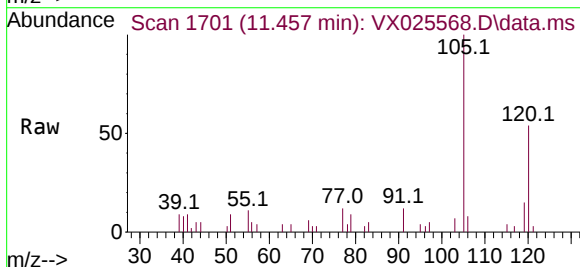
Instrument :
MSVOA_X
ClientSampleId :

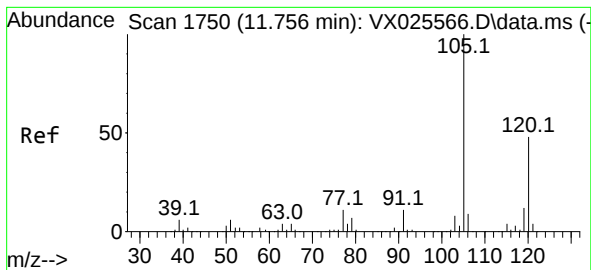
Tgt Ion:105 Resp: 3668
Ion Ratio Lower Upper
105 100
120 28.8 22.3 33.5
77 14.8 11.5 17.3



#62
1,3,5-Trimethylbenzene
Concen: 1.172 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025568.D
Acq: 07 Dec 2021 10:42

Tgt Ion:105 Resp: 2635
Ion Ratio Lower Upper
105 100
120 49.8 41.0 61.4





#63

1,2,4-Trimethylbenzene

Concen: 3.736 ug/L

RT: 11.756 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025568.D

Acq: 07 Dec 2021 10:42

Instrument :

MSVOA_X

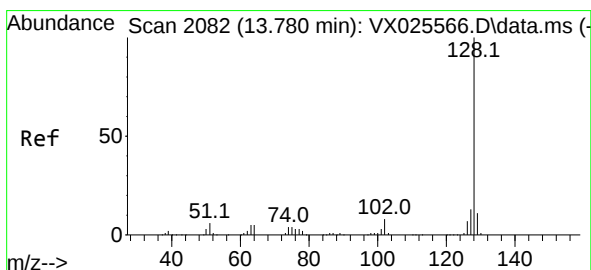
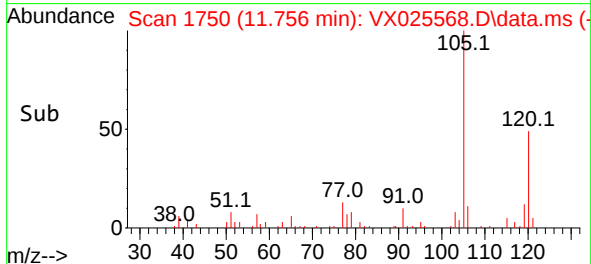
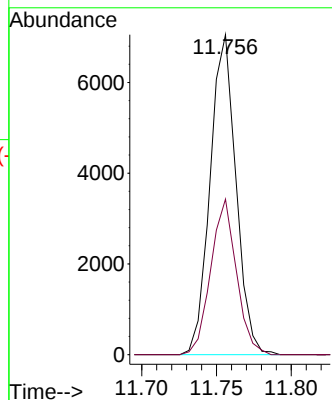
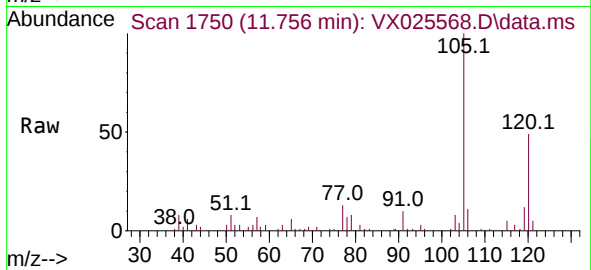
ClientSampleId :

Tgt Ion:105 Resp: 8486

Ion Ratio Lower Upper

105 100

120 48.3 0.1 0.1#



#71

Naphthalene

Concen: 6.664 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX025568.D

Acq: 07 Dec 2021 10:42

Tgt Ion:128 Resp: 17050

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 11.1 8.7 13.1

