

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025592.D
 Acq On : 07 Dec 2021 21:34
 Operator : JC/MD
 Sample : M4886-07ME
 Misc : 5.48g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 08 13:54:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 07:24:50 2021
 Response via : Initial Calibration

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

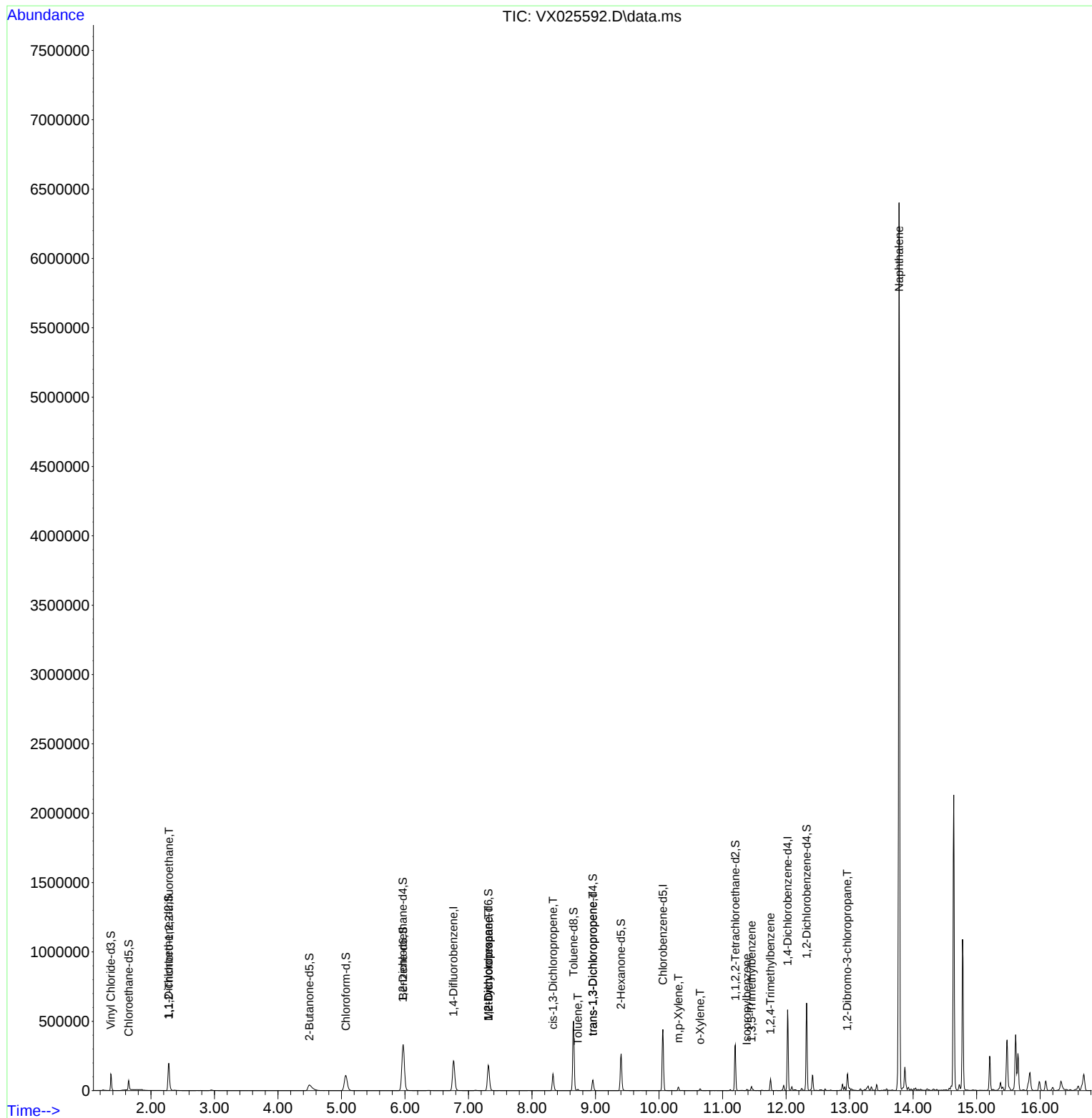
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	248733	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	225474	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	121291	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	84017	49.495	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.980%
7) Chloroethane-d5	1.648	69	42145	30.082	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.160%#
11) 1,1-Dichloroethene-d2	2.276	63	121338	44.831	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.660%
21) 2-Butanone-d5	4.495	46	123788	97.964	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.960%
24) Chloroform-d	5.068	84	150294	50.660	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.320%
26) 1,2-Dichloroethane-d4	5.964	65	98805	53.431	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.860%
32) Benzene-d6	5.970	84	333747	55.850	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.700%
36) 1,2-Dichloropropane-d6	7.311	67	96857	52.350	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.700%
41) Toluene-d8	8.653	98	309282	54.833	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.660%
43) trans-1,3-Dichloroprop...	8.957	79	41280	44.378	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.760%
47) 2-Hexanone-d5	9.402	63	91722	95.237	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.240%
56) 1,1,2,2-Tetrachloroeth...	11.201	84	129183	49.404	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	125486	52.749	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.500%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.282	101	1218	0.845	ug/L #	17
35) Methylcyclohexane	7.311	83	24157	9.688	ug/L #	20
37) 1,2-Dichloropropane	7.311	63	10582	7.004	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	2900	1.178	ug/L #	62
42) Toluene	8.720	91	6035	0.908	ug/L	99
44) trans-1,3-Dichloropropene	8.957	75	1891	0.800	ug/L	85
53) m,p-Xylene	10.305	106	6402	2.214	ug/L	99
54) o-Xylene	10.646	106	3244	1.121	ug/L	93
60) Isopropylbenzene	11.384	105	6161	0.790	ug/L	91
62) 1,3,5-Trimethylbenzene	11.457	105	12152	1.864	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	34425	5.226	ug/L #	80
68) 1,2-Dibromo-3-chloropr...	12.963	75	2148	3.725	ug/L #	1
71) Naphthalene	13.780	128	3641495	490.844	ug/L	97

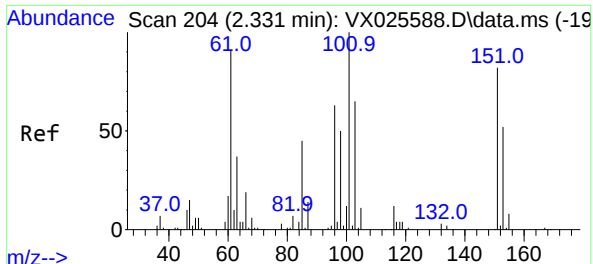
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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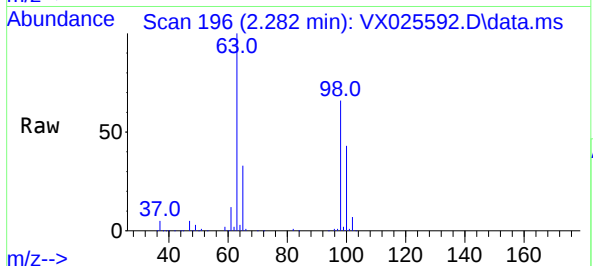
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Quant Title : VOC Analysis
QLast Update : Wed Dec 08 07:24:50 2021
Response via : Initial Calibration



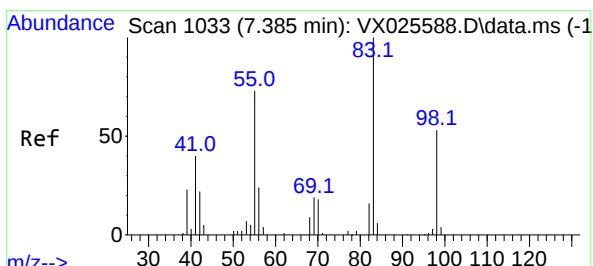
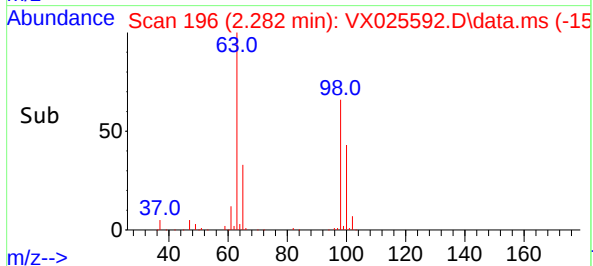
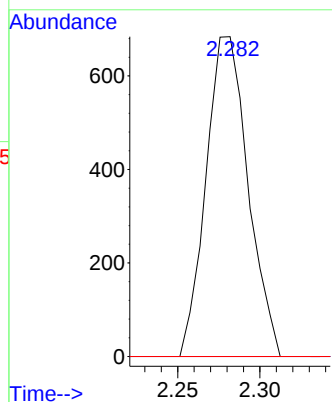


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.845 ug/L
RT: 2.282 min Scan# 10
Delta R.T. -0.049 min
Lab File: VX025592.D
Acq: 07 Dec 2021 21:34

Instrument :
MSVOA_X
ClientSampleId :

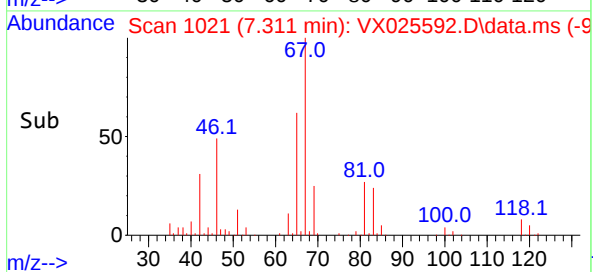
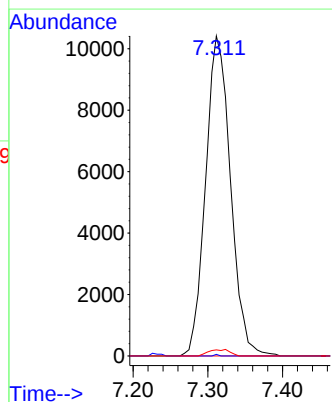
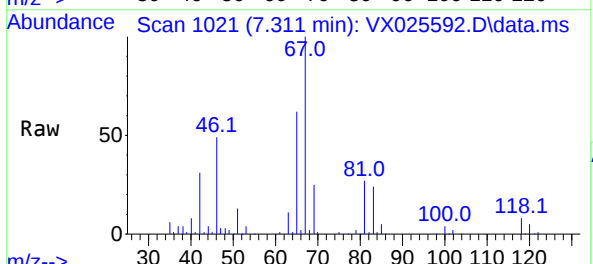


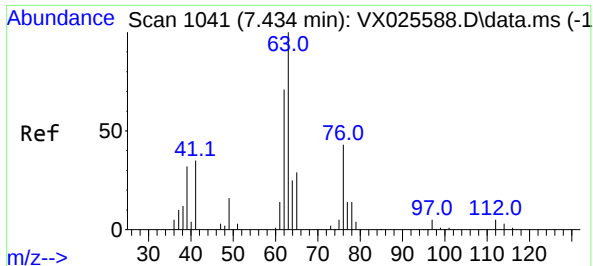
Tgt Ion:101 Resp: 1218
Ion Ratio Lower Upper
101 100
85 0.0 34.3 51.5#
151 0.0 65.2 97.8#



#35
Methylcyclohexane
Concen: 9.688 ug/L
RT: 7.311 min Scan# 1021
Delta R.T. -0.074 min
Lab File: VX025592.D
Acq: 07 Dec 2021 21:34

Tgt Ion: 83 Resp: 24157
Ion Ratio Lower Upper
83 100
55 0.3 57.3 85.9#
98 1.1 41.1 61.7#

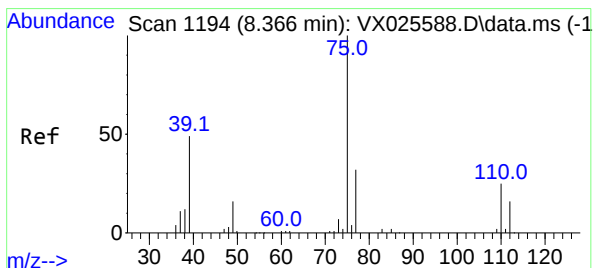
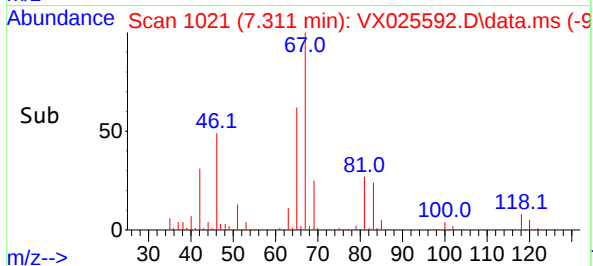
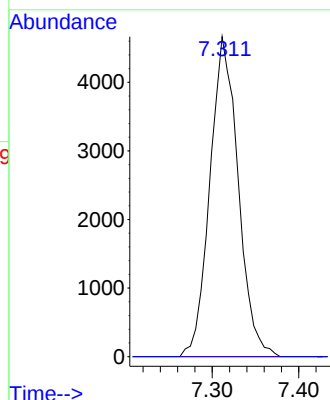
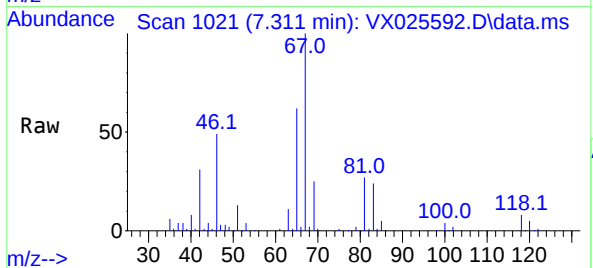




#37
1,2-Dichloropropane
Concen: 7.004 ug/L
RT: 7.311 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX025592.D
Acq: 07 Dec 2021 21:34

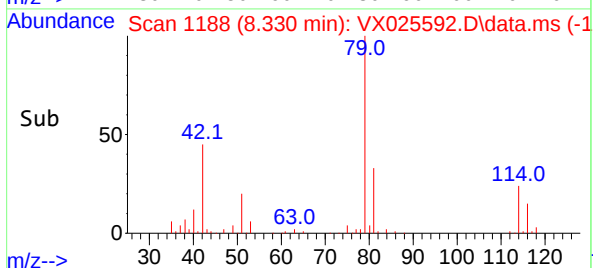
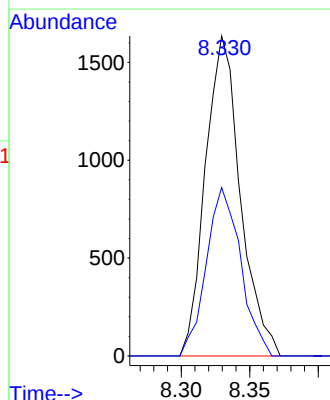
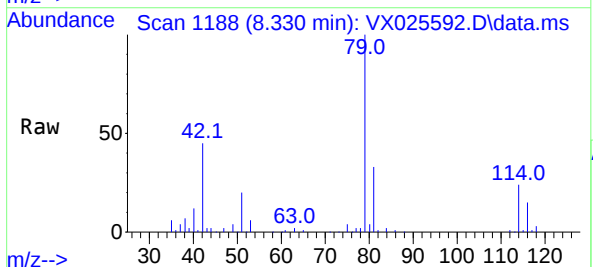
Instrument :
MSVOA_X
ClientSampleId :

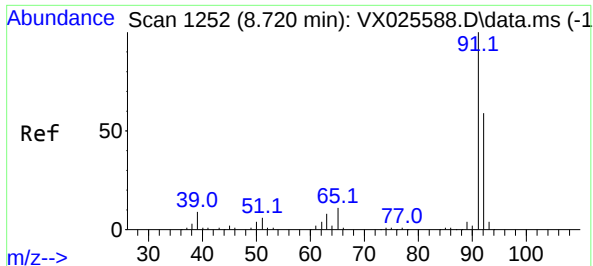
Tgt Ion: 63 Resp: 10582
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 1.178 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX025592.D
Acq: 07 Dec 2021 21:34

Tgt Ion: 75 Resp: 2900
Ion Ratio Lower Upper
75 100
77 52.7 22.3 41.3#





#42

Toluene

Concen: 0.908 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025592.D

Acq: 07 Dec 2021 21:34

Instrument :

MSVOA_X

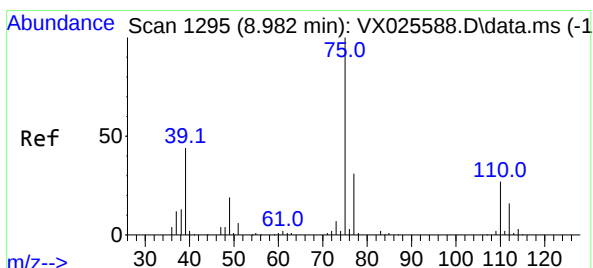
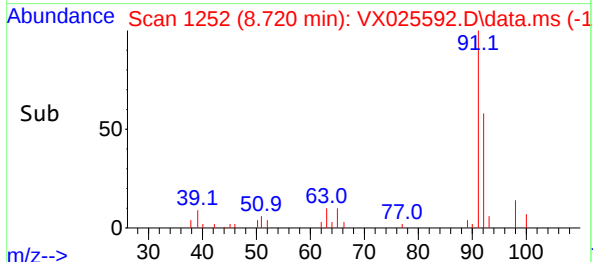
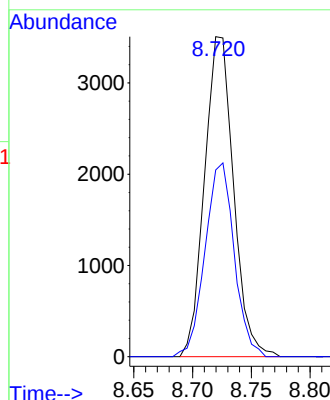
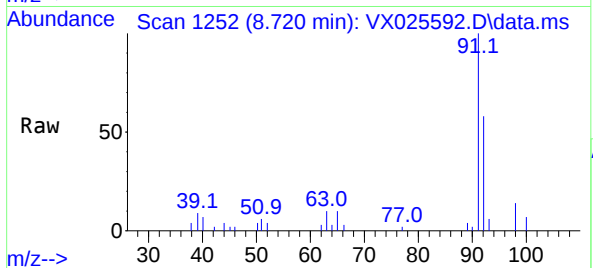
ClientSampleId :

Tgt Ion: 91 Resp: 6035

Ion Ratio Lower Upper

91 100

92 58.4 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 0.800 ug/L

RT: 8.957 min Scan# 1291

Delta R.T. -0.025 min

Lab File: VX025592.D

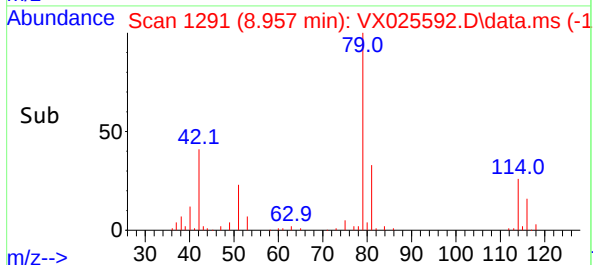
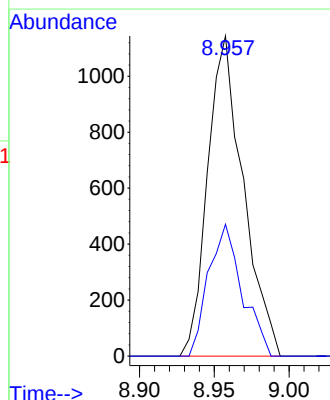
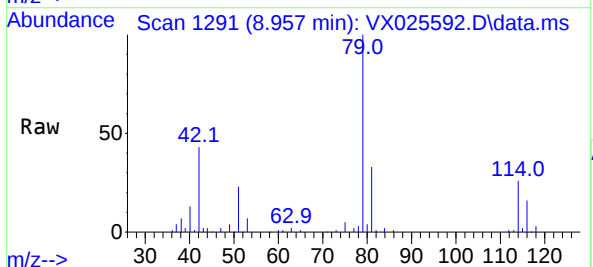
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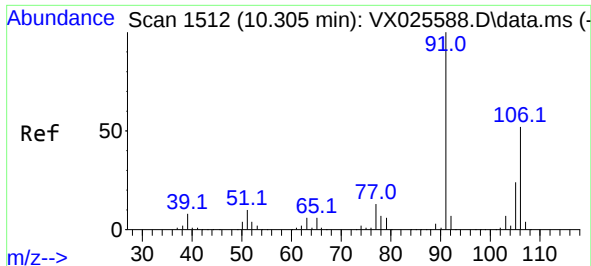
Tgt Ion: 75 Resp: 1891

Ion Ratio Lower Upper

75 100

77 41.2 23.0 42.8

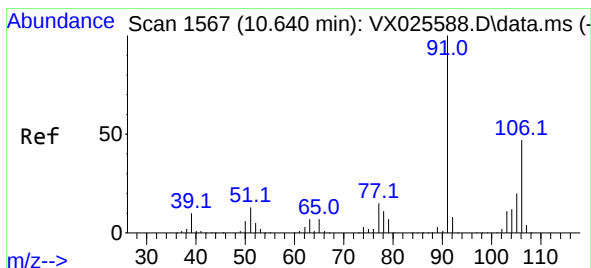
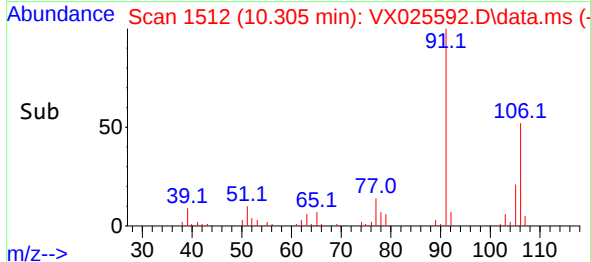
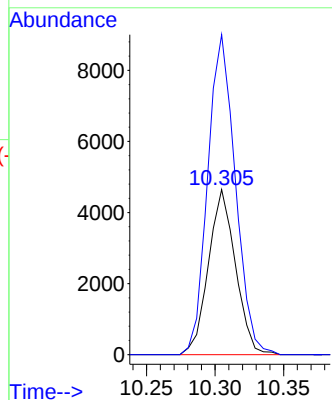
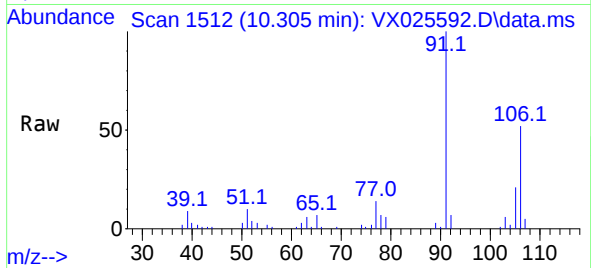




#53
m,p-Xylene
Concen: 2.214 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025592.D
Acq: 07 Dec 2021 21:34

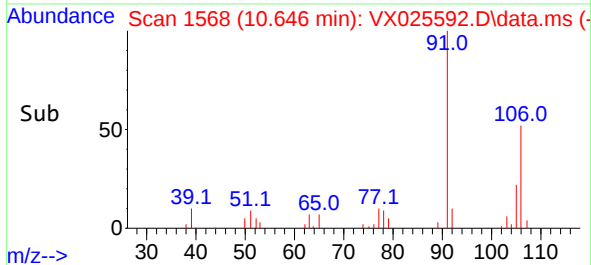
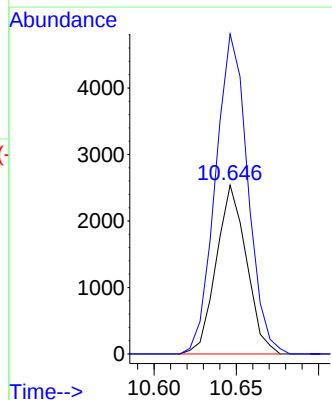
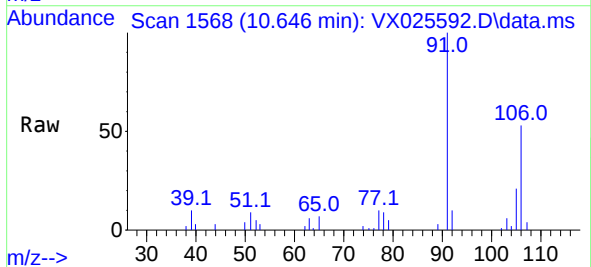
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MSVOA_X
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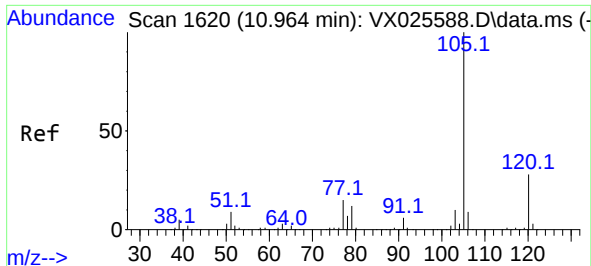
Tgt Ion:106 Resp: 6402
Ion Ratio Lower Upper
106 100
91 193.8 136.8 254.2



#54
o-Xylene
Concen: 1.121 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX025592.D
Acq: 07 Dec 2021 21:34

Tgt Ion:106 Resp: 3244
Ion Ratio Lower Upper
106 100
91 189.6 140.5 260.9

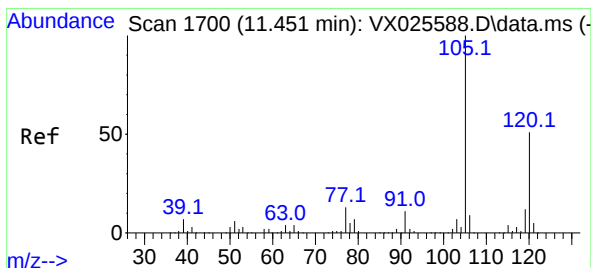
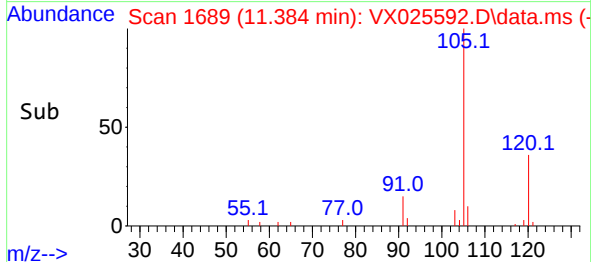
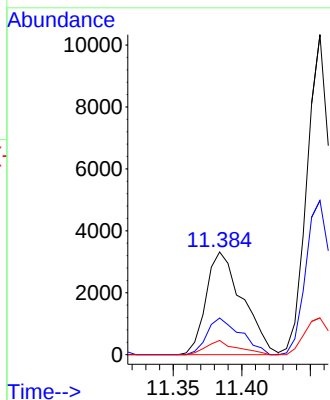
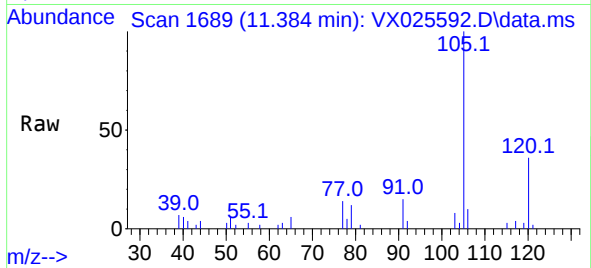




#60
Isopropylbenzene
Concen: 0.790 ug/L
RT: 11.384 min Scan# 1
Delta R.T. 0.420 min
Lab File: VX025592.D
Acq: 07 Dec 2021 21:34

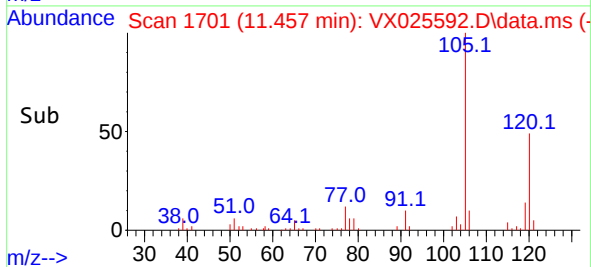
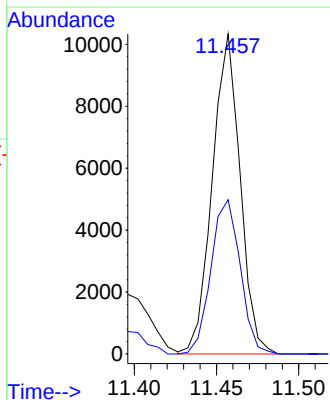
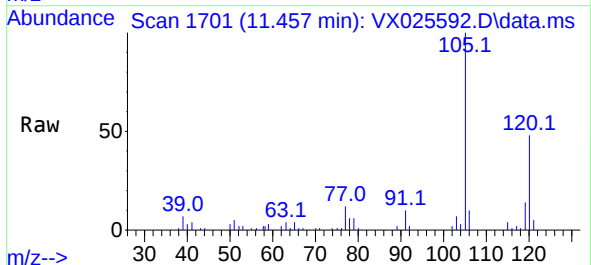
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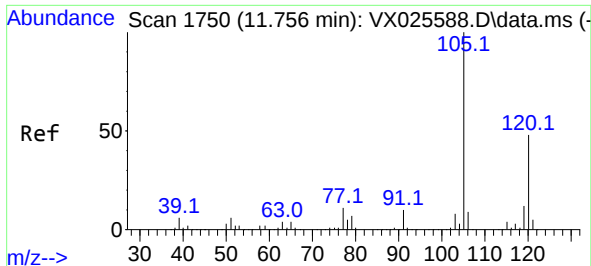
Tgt Ion:105 Resp: 6161
Ion Ratio Lower Upper
105 100
120 33.1 22.3 33.5
77 11.5 11.5 17.3



#62
1,3,5-Trimethylbenzene
Concen: 1.864 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025592.D
Acq: 07 Dec 2021 21:34

Tgt Ion:105 Resp: 12152
Ion Ratio Lower Upper
105 100
120 50.7 41.0 61.4

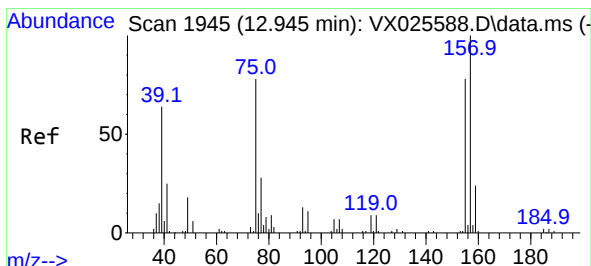
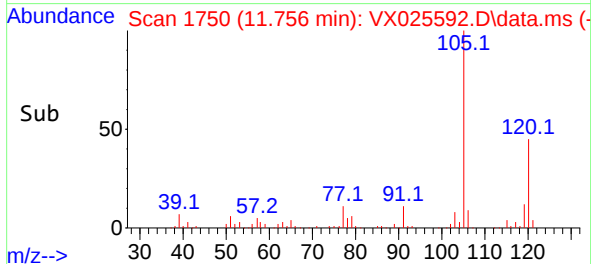
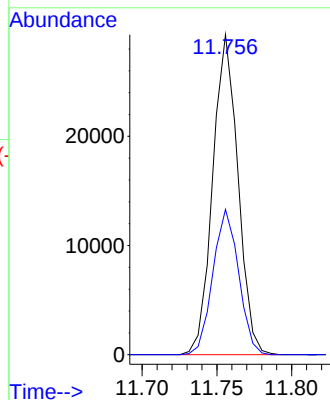
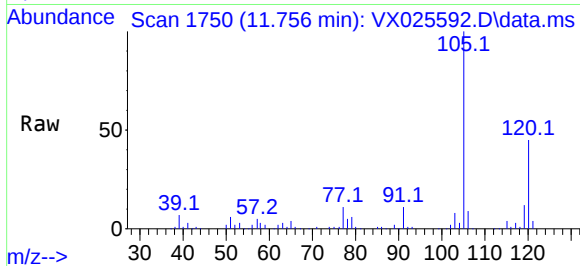




#63
1,2,4-Trimethylbenzene
Concen: 5.226 ug/L
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025592.D
Acq: 07 Dec 2021 21:34

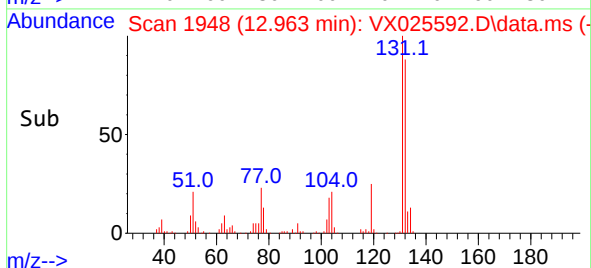
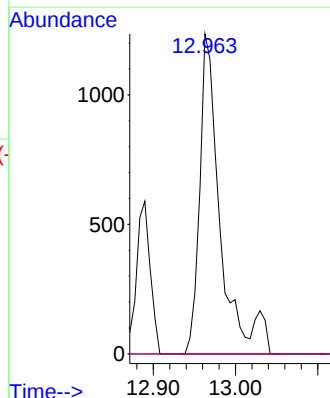
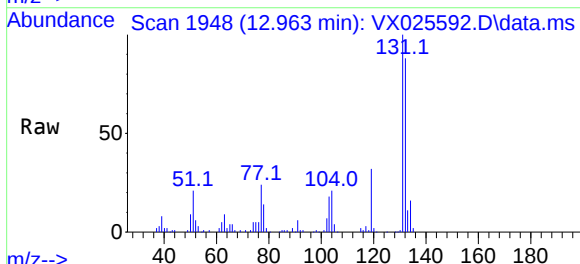
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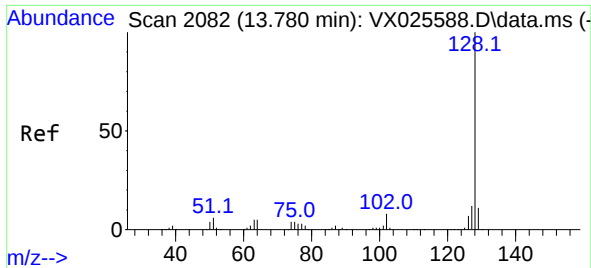
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Ion Ratio Lower Upper
105 100
120 46.2 0.1 0.1#



#68
1,2-Dibromo-3-chloropropane
Concen: 3.725 ug/L
RT: 12.963 min Scan# 1948
Delta R.T. 0.018 min
Lab File: VX025592.D
Acq: 07 Dec 2021 21:34

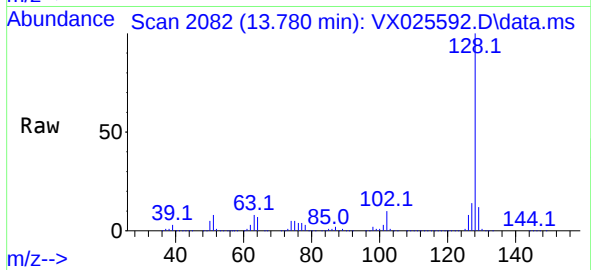
Tgt Ion: 75 Resp: 2148
Ion Ratio Lower Upper
75 100
155 0.0 79.4 119.2#
157 0.0 100.4 150.6#





#71
Naphthalene
Concen: 490.844 ug/L
RT: 13.780 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX025592.D
Acq: 07 Dec 2021 21:34

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 3641495
Ion Ratio Lower Upper
128 100
127 13.8 10.1 15.1
129 11.9 8.7 13.1

