

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025571.D
 Acq On : 07 Dec 2021 12:01
 Operator : JC/MD
 Sample : M4881-05ME
 Misc : 2.89g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 08 05:33:27 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)

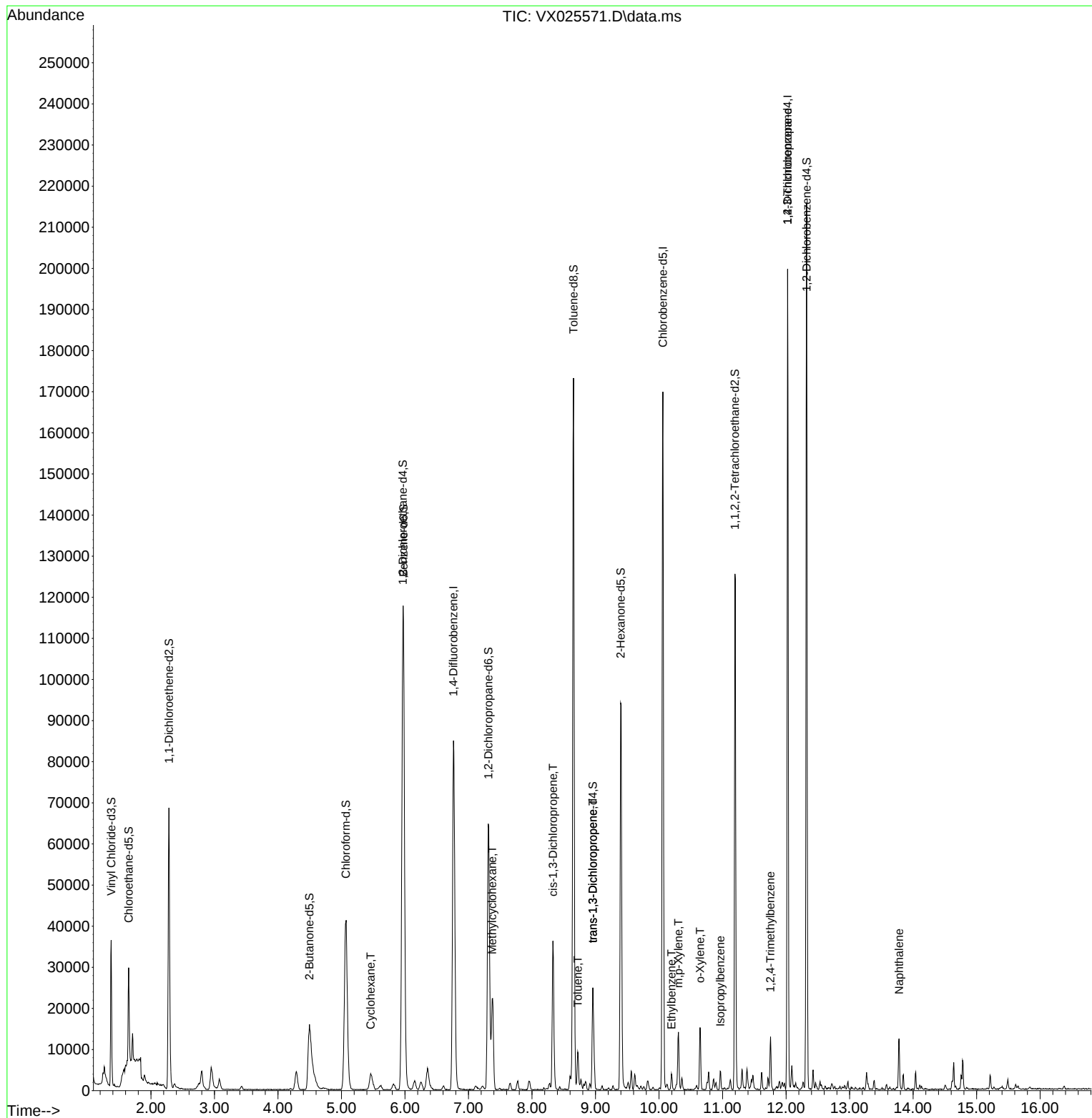
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	98259	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	86132	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	42630	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.373	65	25116	37.455	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.900%
7) Chloroethane-d5	1.648	69	14284	25.809	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.620%#
11) 1,1-Dichloroethene-d2	2.282	63	38821	36.308	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.620%
21) 2-Butanone-d5	4.495	46	44299	88.745	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.740%
24) Chloroform-d	5.068	84	54957	46.893	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.780%
26) 1,2-Dichloroethane-d4	5.964	65	36976	50.617	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.240%
32) Benzene-d6	5.976	84	117383	51.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.840%
36) 1,2-Dichloropropane-d6	7.311	67	35693	50.501	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.000%
41) Toluene-d8	8.653	98	105302	48.871	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.740%
43) trans-1,3-Dichloroprop...	8.957	79	12710	35.769	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.540%
47) 2-Hexanone-d5	9.396	63	31924	86.773	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.770%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	48614	48.669	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.340%
66) 1,2-Dichlorobenzene-d4	12.323	152	42562	50.904	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
29) Cyclohexane	5.458	56	2777	3.147	ug/L #	89
35) Methylcyclohexane	7.372	83	10335	10.850	ug/L	97
39) cis-1,3-Dichloropropene	8.329	75	912	0.970	ug/L #	55
42) Toluene	8.720	91	6812	2.684	ug/L	96
44) trans-1,3-Dichloropropene	8.957	75	664	0.735	ug/L #	68
52) Ethylbenzene	10.195	91	2417	0.886	ug/L	97
53) m,p-Xylene	10.305	106	3590	3.250	ug/L	96
54) o-Xylene	10.646	106	3540	3.201	ug/L	93
60) Isopropylbenzene	10.963	105	2660	0.971	ug/L	98
61) 1,2,3-Trichloropropane	12.024	75	4673	6.408	ug/L #	62
63) 1,2,4-Trimethylbenzene	11.756	105	5067	2.189	ug/L #	80
71) Naphthalene	13.780	128	7800	2.991	ug/L	100

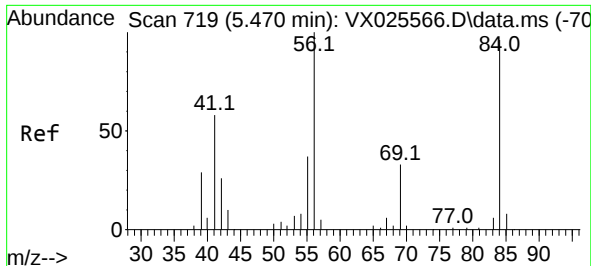
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#29

Cyclohexane

Concen: 3.147 ug/L

RT: 5.458 min Scan# 717

Delta R.T. -0.012 min

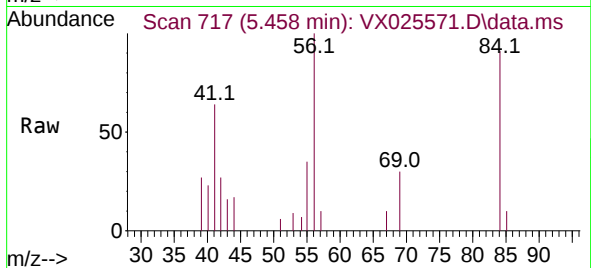
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Acq: 07 Dec 2021 12:01

Instrument :

MSVOA_X

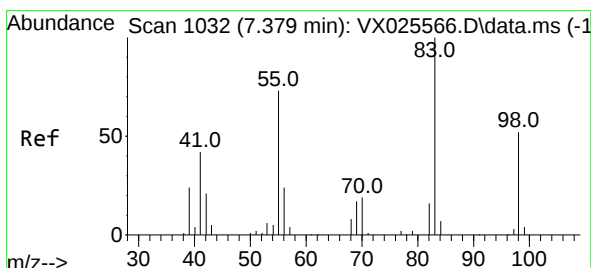
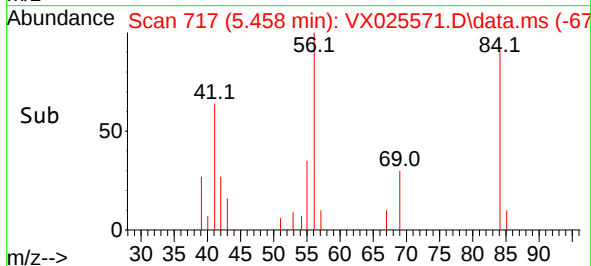
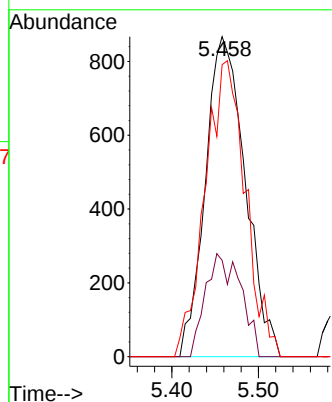
ClientSampleId :



Tgt Ion: 56 Resp: 2777

Ion Ratio Lower Upper

56	100		
69	17.5	25.4	38.2#
84	89.3	76.6	114.8



#35

Methylcyclohexane

Concen: 10.850 ug/L

RT: 7.372 min Scan# 1031

Delta R.T. -0.006 min

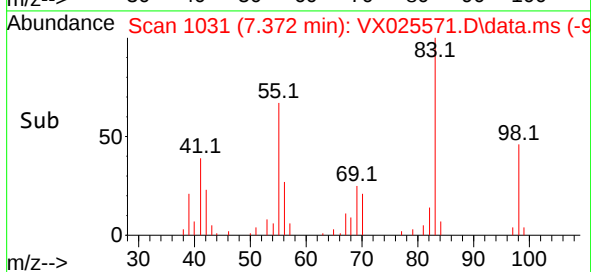
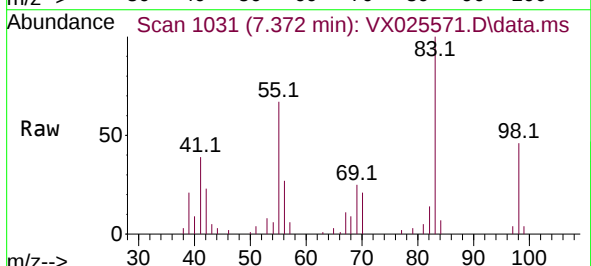
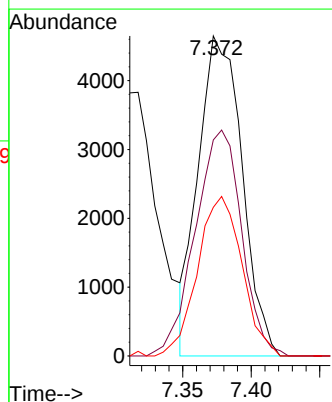
Lab File: VX025571.D

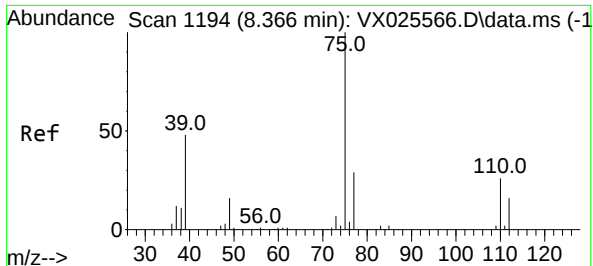
Acq: 07 Dec 2021 12:01

Tgt Ion: 83 Resp: 10335

Ion Ratio Lower Upper

83	100		
55	74.8	57.3	85.9
98	50.6	41.1	61.7





#39

cis-1,3-Dichloropropene

Concen: 0.970 ug/L

RT: 8.329 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX025571.D

Acq: 07 Dec 2021 12:01

Instrument :

MSVOA_X

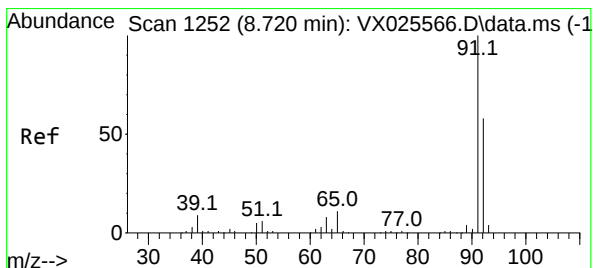
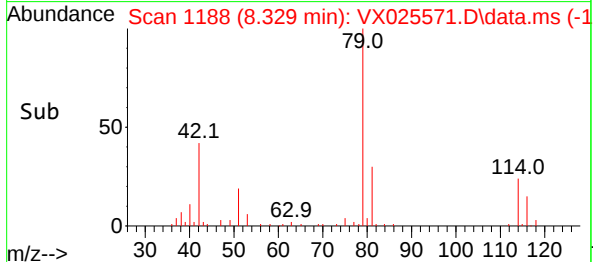
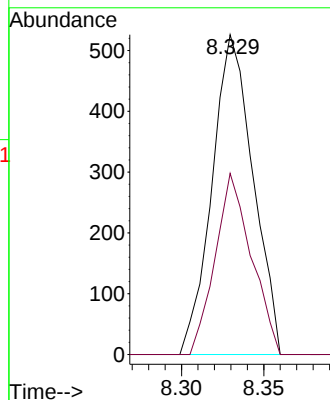
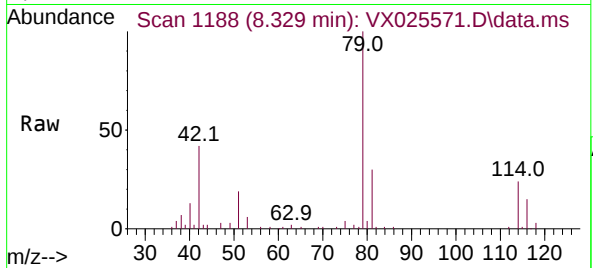
ClientSampleId :

Tgt Ion: 75 Resp: 912

Ion Ratio Lower Upper

75 100

77 56.7 22.3 41.3#



#42

Toluene

Concen: 2.684 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025571.D

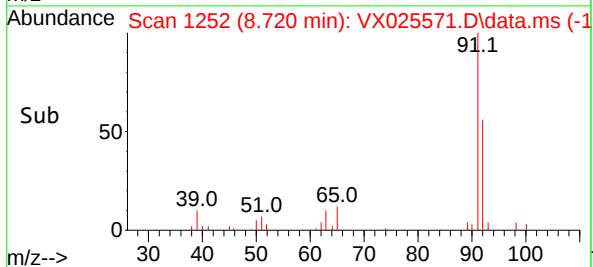
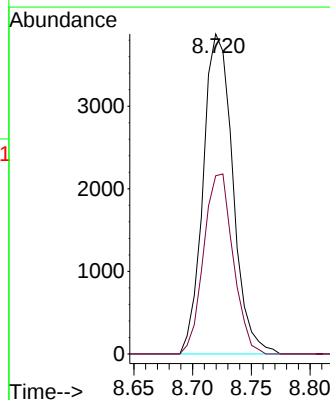
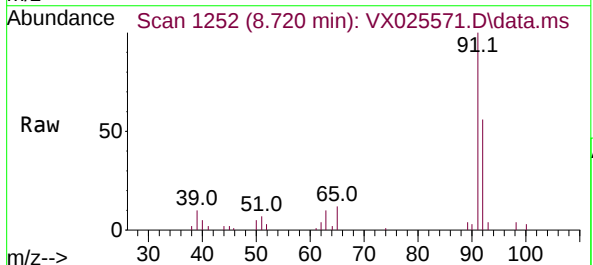
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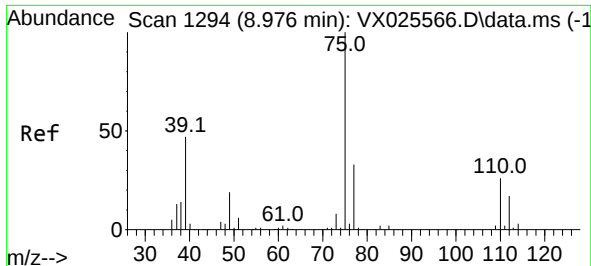
Tgt Ion: 91 Resp: 6812

Ion Ratio Lower Upper

91 100

92 55.7 41.2 76.6

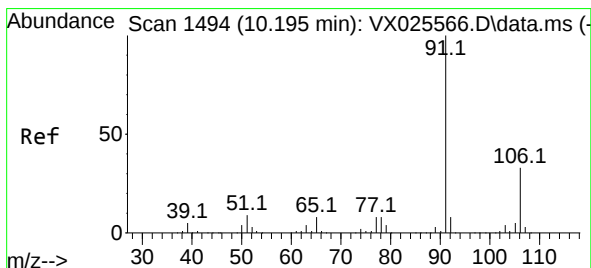
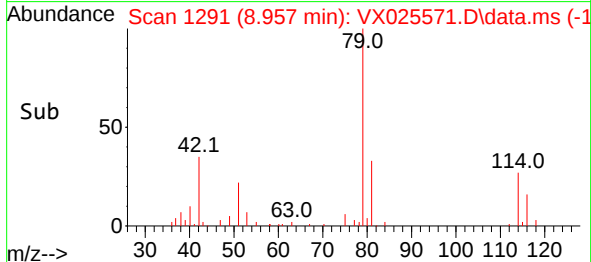
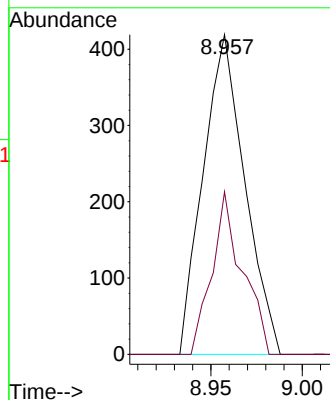
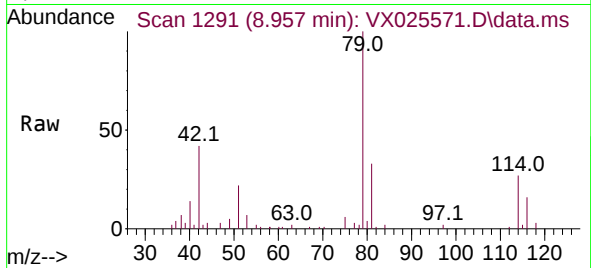




#44
trans-1,3-Dichloropropene
Concen: 0.735 ug/L
RT: 8.957 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX025571.D
Acq: 07 Dec 2021 12:01

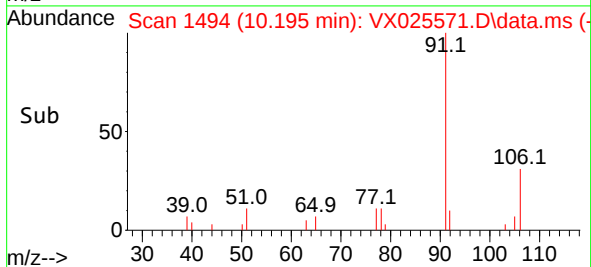
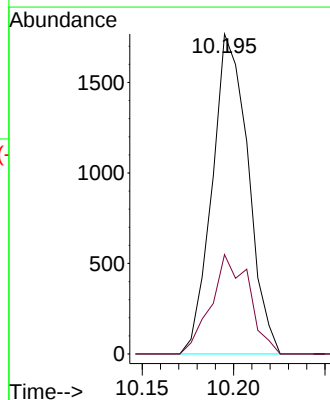
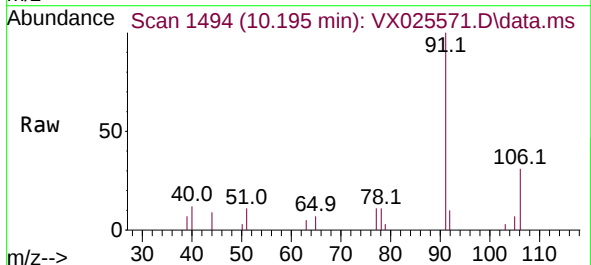
Instrument :
MSVOA_X
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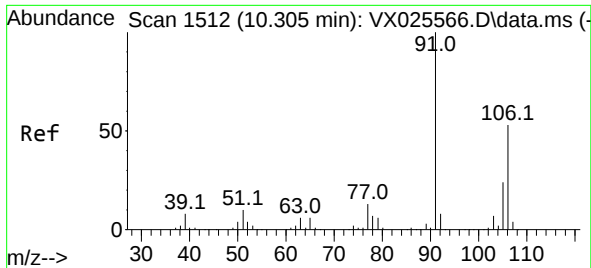
Tgt Ion: 75 Resp: 664
Ion Ratio Lower Upper
75 100
77 50.8 23.0 42.8#



#52
Ethylbenzene
Concen: 0.886 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025571.D
Acq: 07 Dec 2021 12:01

Tgt Ion: 91 Resp: 2417
Ion Ratio Lower Upper
91 100
106 31.1 23.1 42.9

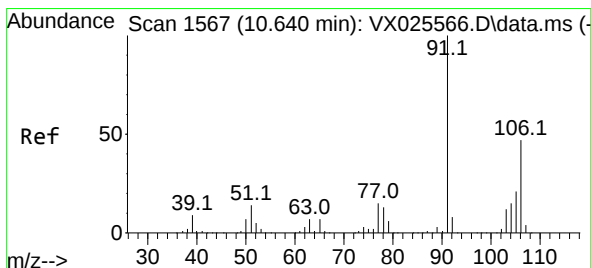
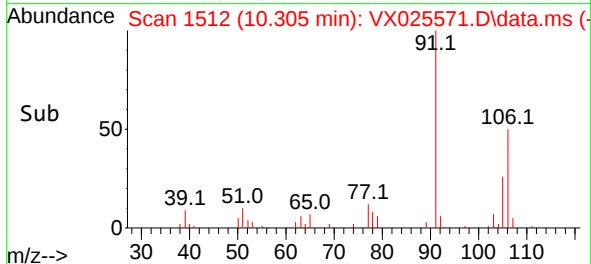
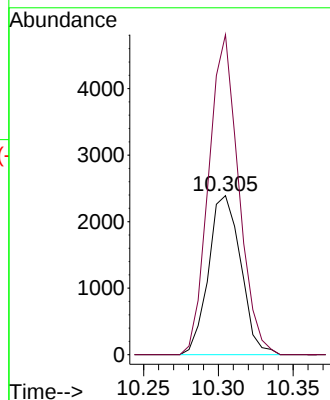
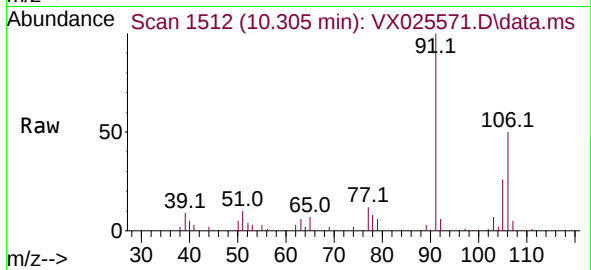




#53
m,p-Xylene
Concen: 3.250 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025571.D
Acq: 07 Dec 2021 12:01

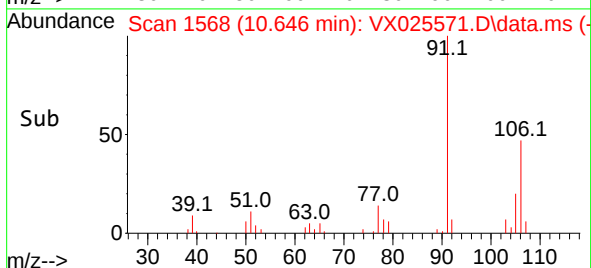
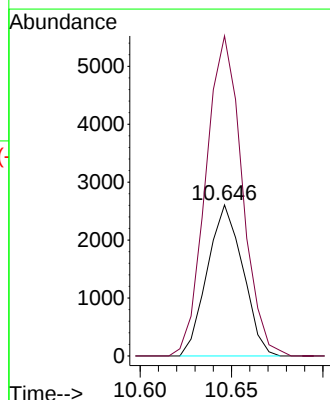
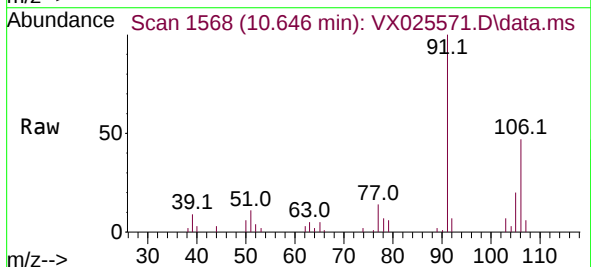
Instrument :
MSVOA_X
ClientSampleId :

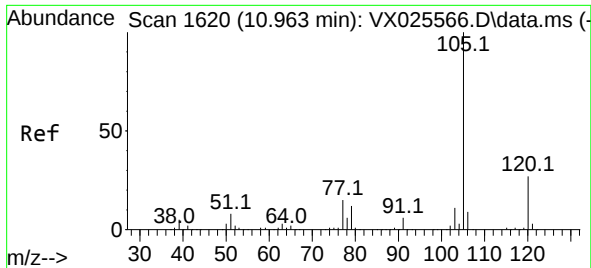
Tgt Ion:106 Resp: 3590
Ion Ratio Lower Upper
106 100
91 201.3 136.8 254.2



#54
o-Xylene
Concen: 3.201 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX025571.D
Acq: 07 Dec 2021 12:01

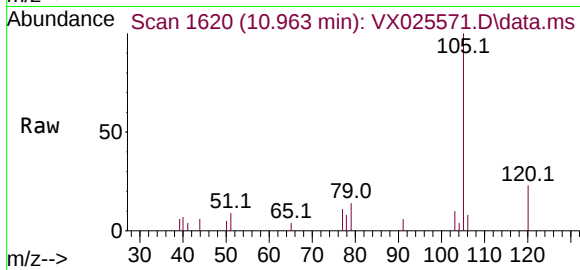
Tgt Ion:106 Resp: 3540
Ion Ratio Lower Upper
106 100
91 211.8 140.5 260.9



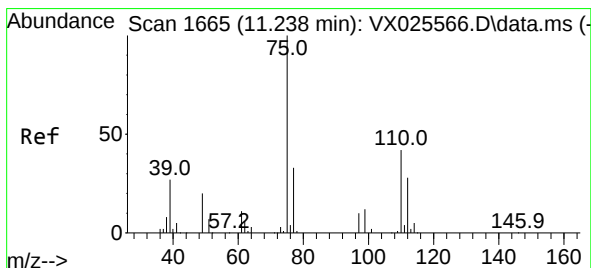
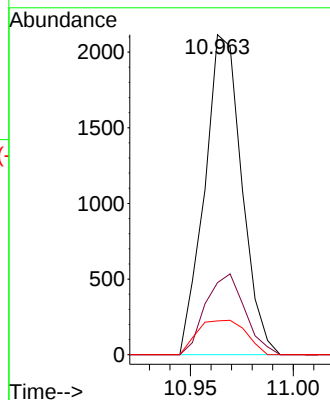
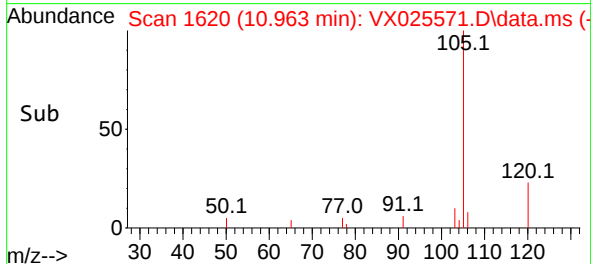


#60
Isopropylbenzene
Concen: 0.971 ug/L
RT: 10.963 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025571.D
Acq: 07 Dec 2021 12:01

Instrument :
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ClientSampleId :

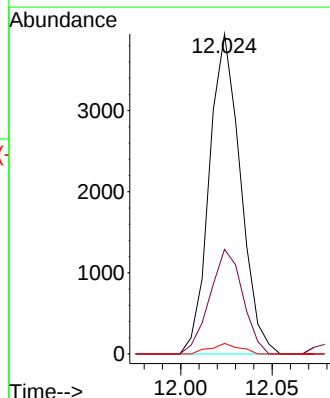
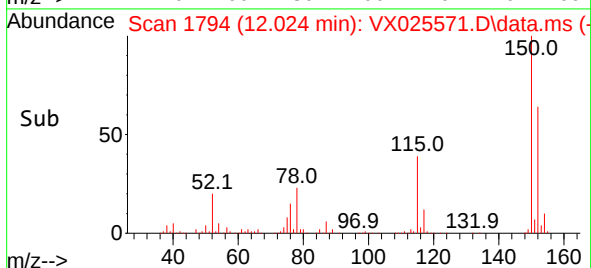
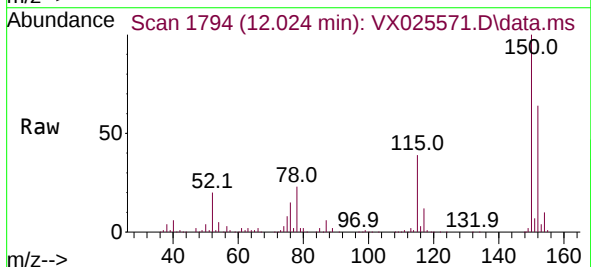


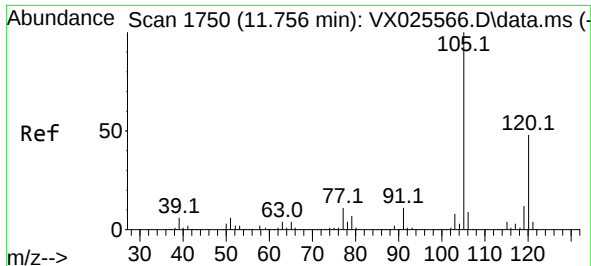
Tgt Ion:105 Resp: 2660
Ion Ratio Lower Upper
105 100
120 26.7 22.3 33.5
77 14.1 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 6.408 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.786 min
Lab File: VX025571.D
Acq: 07 Dec 2021 12:01

Tgt Ion: 75 Resp: 4673
Ion Ratio Lower Upper
75 100
77 34.6 25.8 38.8
110 3.1 34.7 52.1#





#63

1,2,4-Trimethylbenzene

Concen: 2.189 ug/L

RT: 11.756 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025571.D

Acq: 07 Dec 2021 12:01

Instrument :

MSVOA_X

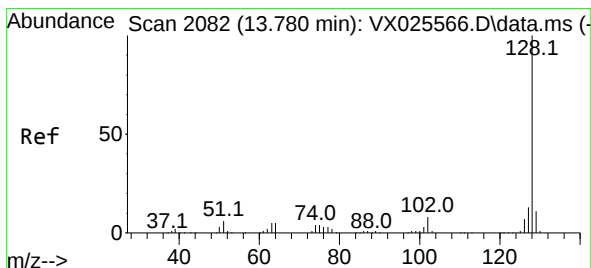
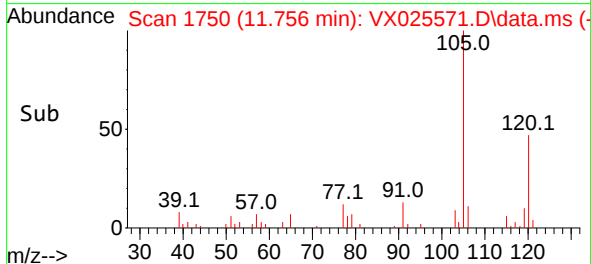
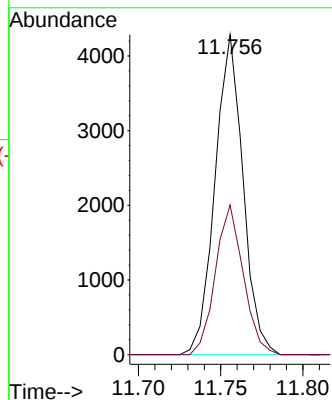
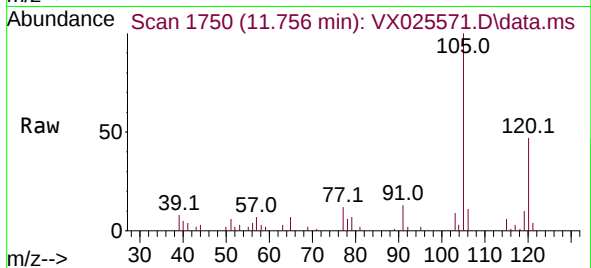
ClientSampleId :

Tgt Ion:105 Resp: 5067

Ion Ratio Lower Upper

105 100

120 46.6 0.1 0.1#



#71

Naphthalene

Concen: 2.991 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX025571.D

Acq: 07 Dec 2021 12:01

Tgt Ion:128 Resp: 7800

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 10.9 8.7 13.1

