

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025586.D
 Acq On : 07 Dec 2021 18:13
 Operator : JC/MD
 Sample : M4881-10ME
 Misc : 3.96g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 08 05:36:57 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)

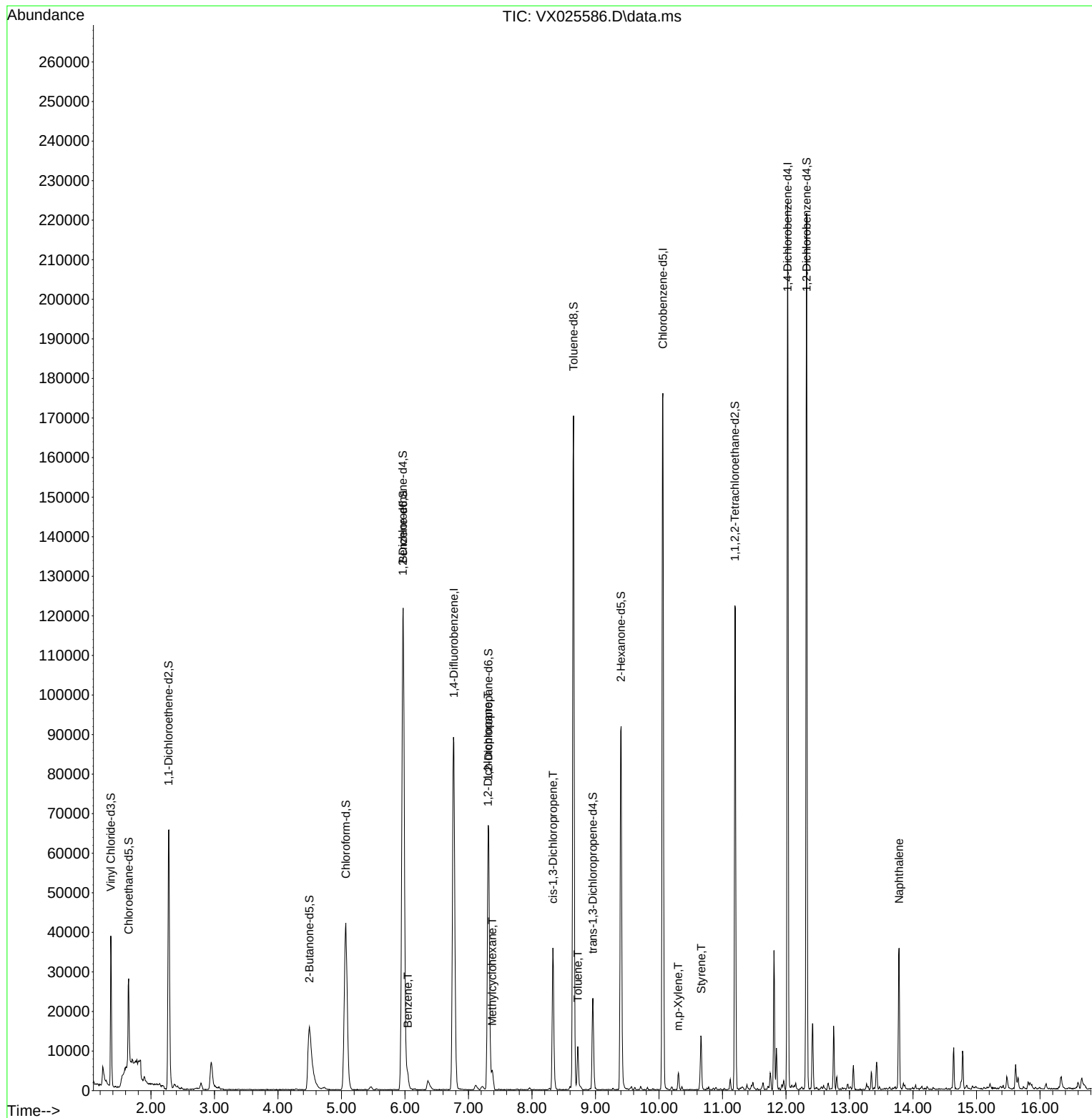
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	104485	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	92839	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	47791	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	26287	36.865	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.720%
7) Chloroethane-d5	1.648	69	14123	23.998	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	48.000%#
11) 1,1-Dichloroethene-d2	2.276	63	39802	35.008	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.020%
21) 2-Butanone-d5	4.495	46	45340	85.418	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.420%
24) Chloroform-d	5.068	84	55242	44.327	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.660%
26) 1,2-Dichloroethane-d4	5.964	65	36668	47.205	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.400%
32) Benzene-d6	5.971	84	119672	48.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.280%
36) 1,2-Dichloropropane-d6	7.312	67	35989	47.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.480%
41) Toluene-d8	8.653	98	107123	46.125	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.240%
43) trans-1,3-Dichloroprop...	8.958	79	12447	32.498	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.000%
47) 2-Hexanone-d5	9.403	63	31921	80.496	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.500%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	47497	44.116	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.240%
66) 1,2-Dichlorobenzene-d4	12.323	152	44990	47.997	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
33) Benzene	6.044	78	4560	1.839	ug/L	100
35) Methylcyclohexane	7.373	83	2053	2.000	ug/L	94
37) 1,2-Dichloropropane	7.306	63	3848	6.186	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	931	0.919	ug/L #	78
42) Toluene	8.720	91	7455	2.726	ug/L	98
53) m,p-Xylene	10.299	106	1178	0.989	ug/L	84
55) Styrene	10.665	104	5966	3.012	ug/L	92
71) Naphthalene	13.780	128	23434	8.017	ug/L	100

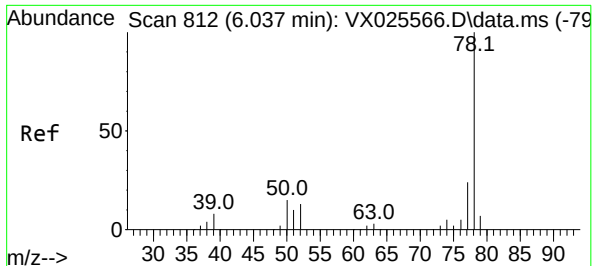
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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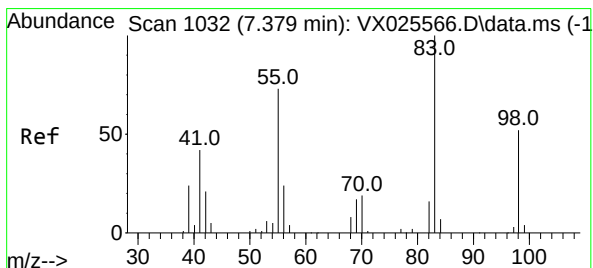
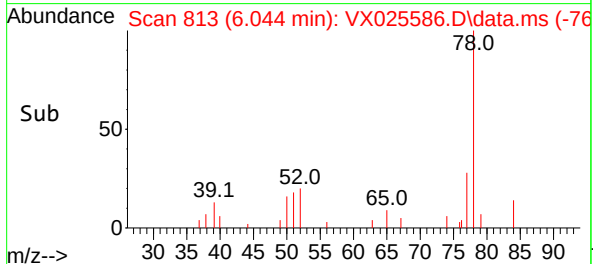
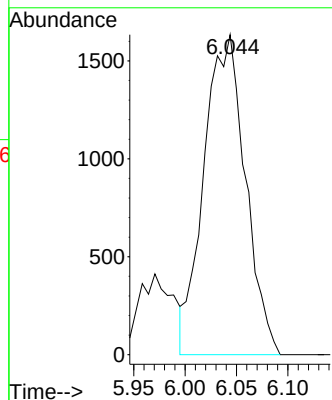
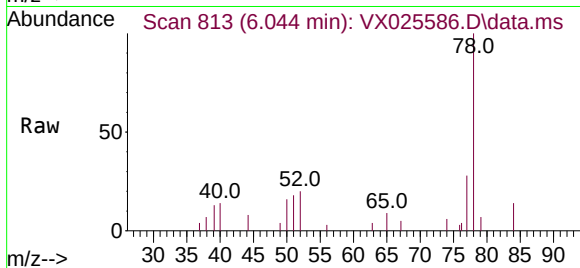




#33
Benzene
Concen: 1.839 ug/L
RT: 6.044 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX025586.D
Acq: 07 Dec 2021 18:13

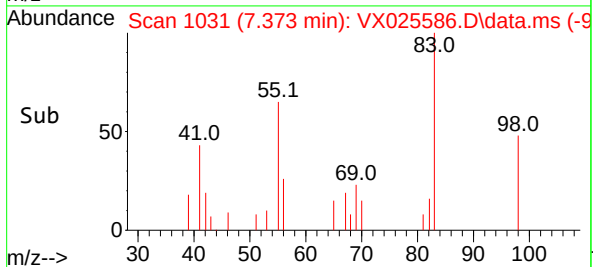
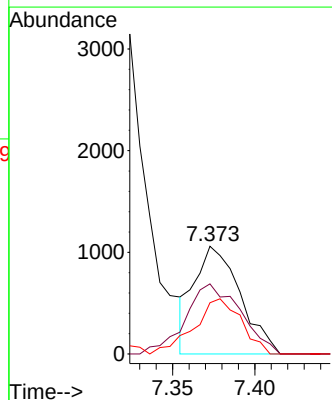
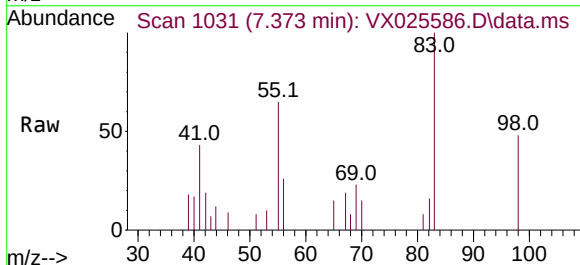
Instrument :
MSVOA_X
ClientSampleId :

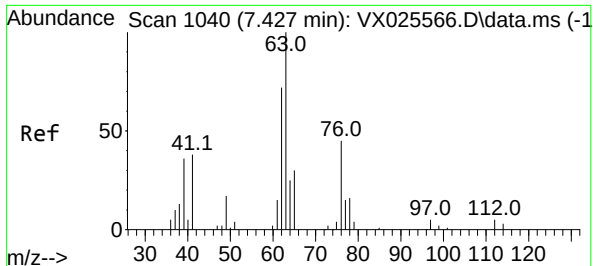
Tgt Ion: 78 Resp: 4560



#35
Methylcyclohexane
Concen: 2.000 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX025586.D
Acq: 07 Dec 2021 18:13

Tgt Ion: 83 Resp: 2053
Ion Ratio Lower Upper
83 100
55 78.3 57.3 85.9
98 52.8 41.1 61.7





#37

1,2-Dichloropropane

Concen: 6.186 ug/L

RT: 7.306 min Scan# 1188

Delta R.T. -0.122 min

Lab File: VX025586.D

Acq: 07 Dec 2021 18:13

Instrument :

MSVOA_X

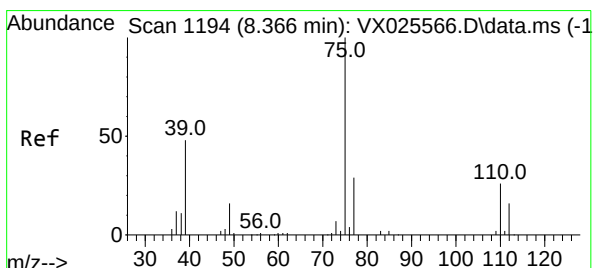
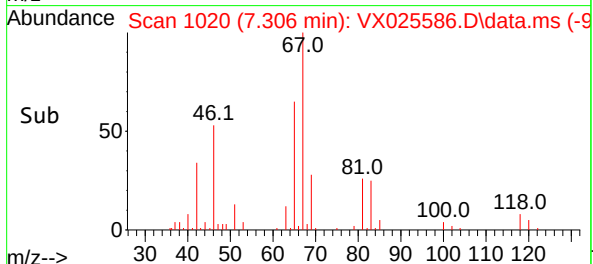
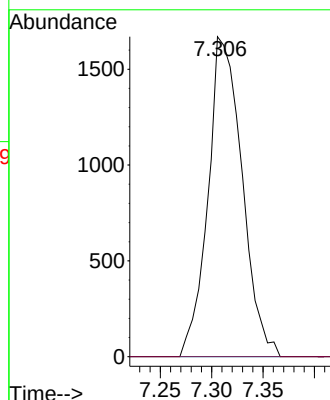
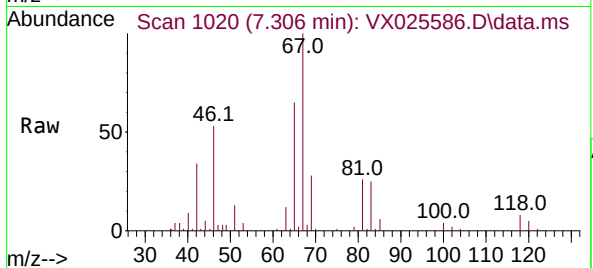
ClientSampleId :

Tgt Ion: 63 Resp: 3848

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.919 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.036 min

Lab File: VX025586.D

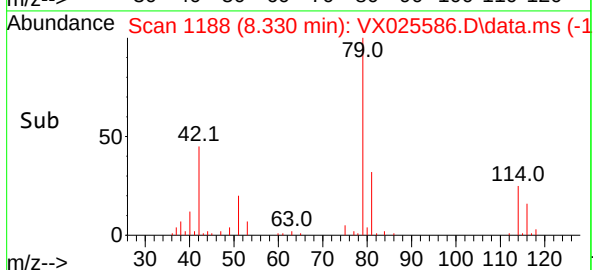
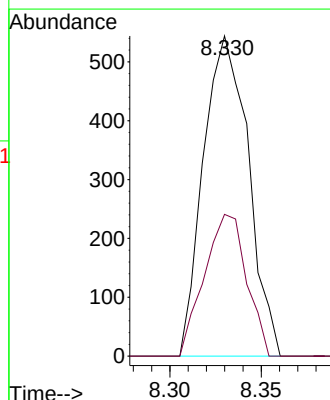
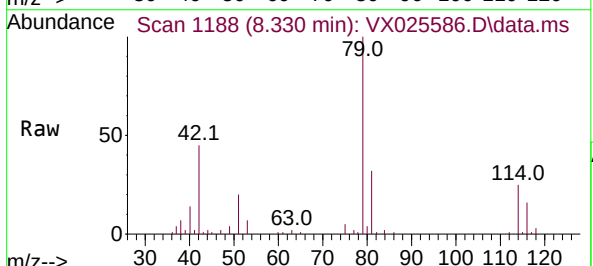
Acq: 07 Dec 2021 18:13

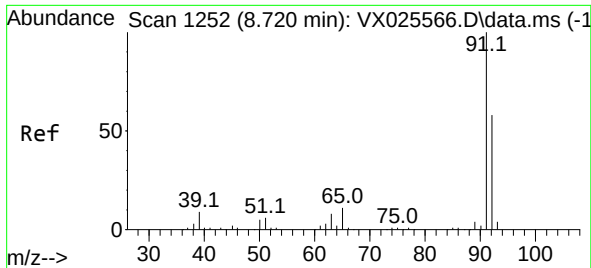
Tgt Ion: 75 Resp: 931

Ion Ratio Lower Upper

75 100

77 44.3 22.3 41.3#

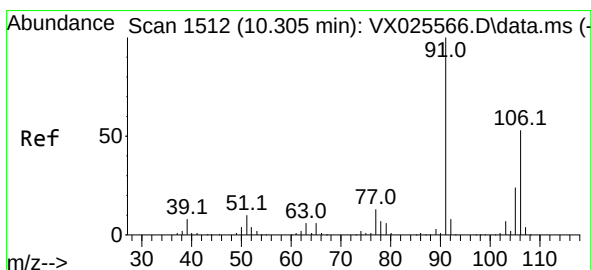
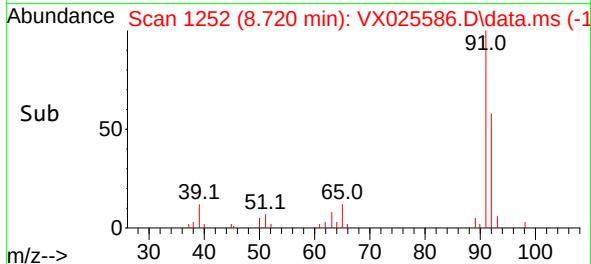
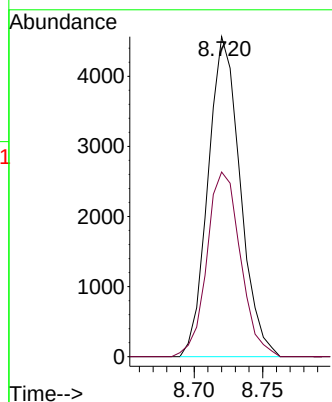
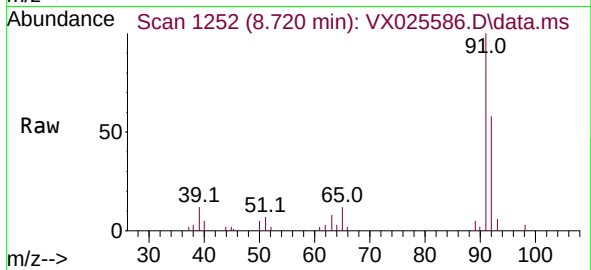




#42
Toluene
Concen: 2.726 ug/L
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025586.D
Acq: 07 Dec 2021 18:13

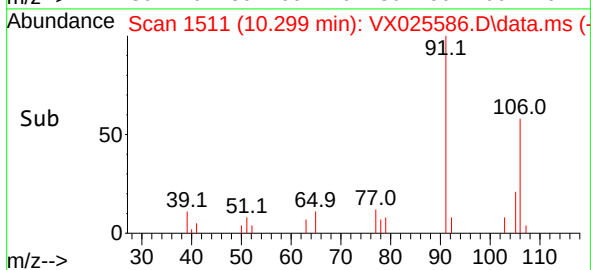
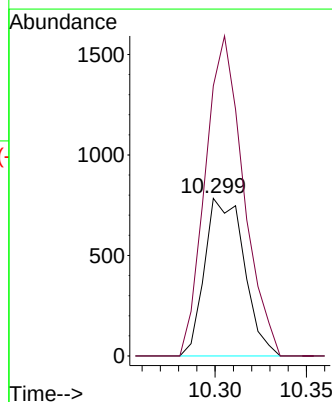
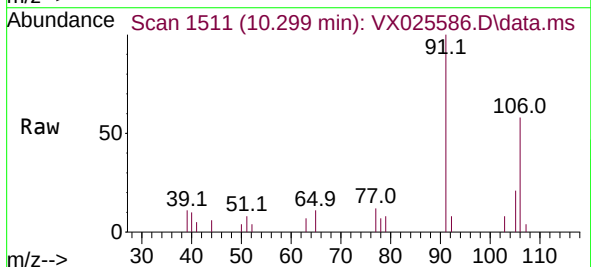
Instrument :
MSVOA_X
ClientSampleId :

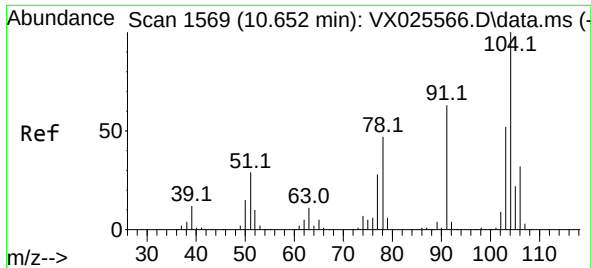
Tgt Ion: 91 Resp: 7455
Ion Ratio Lower Upper
91 100
92 57.7 41.2 76.6



#53
m,p-Xylene
Concen: 0.989 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX025586.D
Acq: 07 Dec 2021 18:13

Tgt Ion: 106 Resp: 1178
Ion Ratio Lower Upper
106 100
91 171.4 136.8 254.2

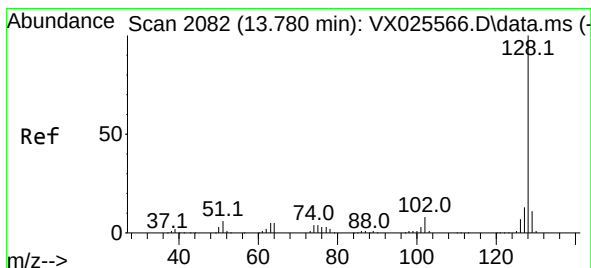
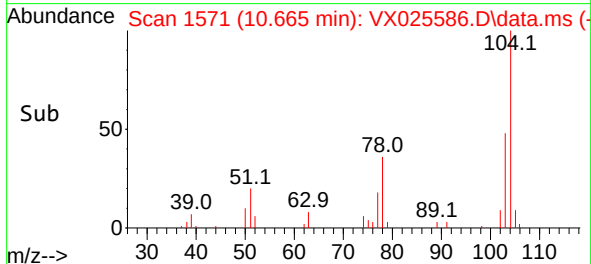
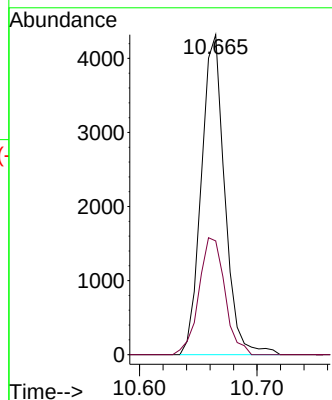
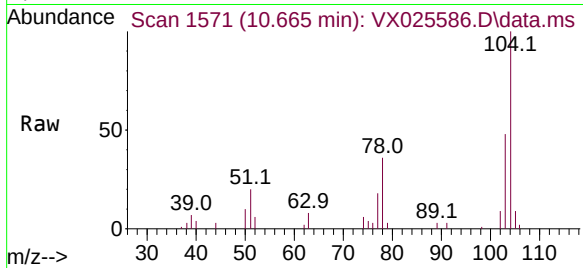




#55
Styrene
Concen: 3.012 ug/L
RT: 10.665 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX025586.D
Acq: 07 Dec 2021 18:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:104 Resp: 5966
Ion Ratio Lower Upper
104 100
78 35.6 28.6 53.0



#71
Naphthalene
Concen: 8.017 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025586.D
Acq: 07 Dec 2021 18:13

Tgt Ion:128 Resp: 23434
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 11.1 8.7 13.1

