

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX026002.D
 Acq On : 24 Dec 2021 04:30
 Operator : JC/MD
 Sample : M5171-09MEDL 400X
 Misc : 5.99g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 24 06:50:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.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)

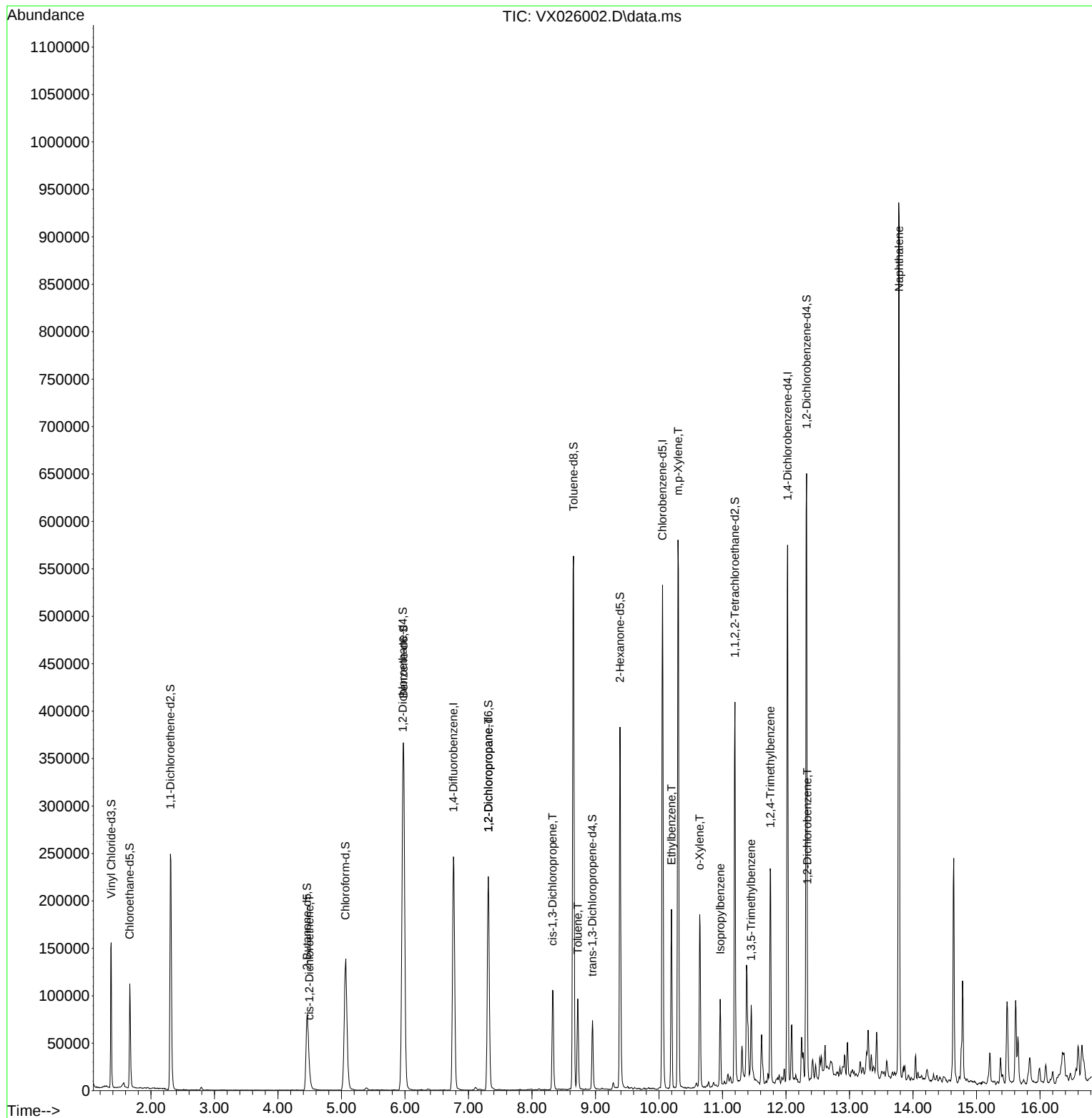
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	244177	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	228263	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	112714	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	94071	54.328	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.660%			
7) Chloroethane-d5	1.666	69	71801	51.887	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.780%			
11) 1,1-Dichloroethene-d2	2.307	63	144687	42.166	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.340%			
21) 2-Butanone-d5	4.459	46	137276	91.442	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.440%			
24) Chloroform-d	5.062	84	163658	47.229	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.460%			
26) 1,2-Dichloroethane-d4	5.964	65	124299	52.981	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.960%			
32) Benzene-d6	5.977	84	355609	54.125	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.240%			
36) 1,2-Dichloropropane-d6	7.312	67	109279	53.507	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.020%			
41) Toluene-d8	8.653	98	327598	53.403	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.800%			
43) trans-1,3-Dichloroprop...	8.952	79	31690	35.665	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.320%			
47) 2-Hexanone-d5	9.385	63	105284	99.887	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.890%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	141554	47.005	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.020%			
66) 1,2-Dichlorobenzene-d4	12.323	152	116095	54.506	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.020%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.495	96	2230	1.144	ug/L	93
37) 1,2-Dichloropropane	7.312	63	12984	7.057	ug/L #	85
39) cis-1,3-Dichloropropene	8.324	75	2511	0.950	ug/L	83
42) Toluene	8.720	91	59214	7.671	ug/L	99
52) Ethylbenzene	10.195	91	103045	12.309	ug/L	93
53) m,p-Xylene	10.299	106	133248	41.695	ug/L	91
54) o-Xylene	10.640	106	37657	11.896	ug/L	86
60) Isopropylbenzene	10.964	105	44595	5.759	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	29504	4.550	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	96336	14.831	ug/L #	81
67) 1,2-Dichlorobenzene	12.335	146	4172	1.221	ug/L #	92
71) Naphthalene	13.780	128	570591	73.068	ug/L	99

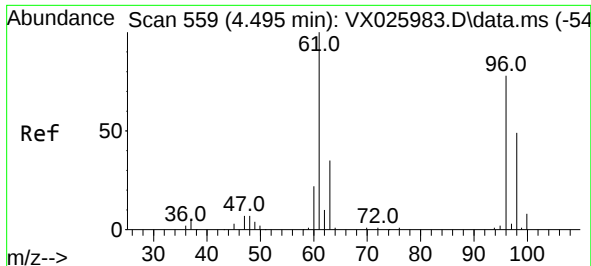
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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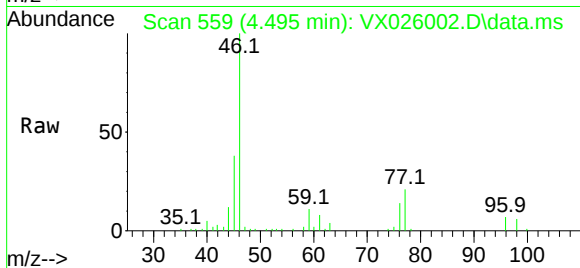
Quant Time: Dec 24 06:50:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
Response via : Initial Calibration



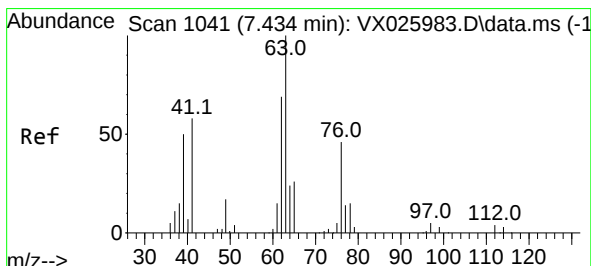
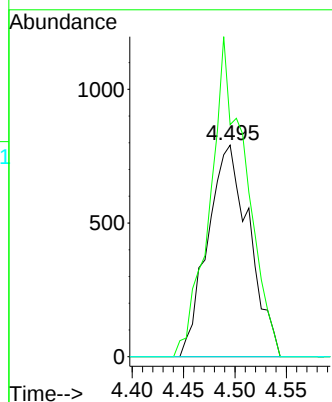
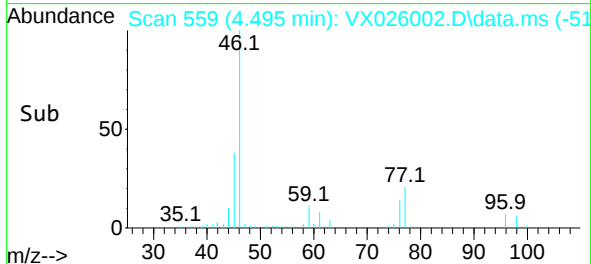


#20
 cis-1,2-Dichloroethene
 Concen: 1.144 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX026002.D
 Acq: 24 Dec 2021 04:30

Instrument :
 MSVOA_X
 ClientSampleId :

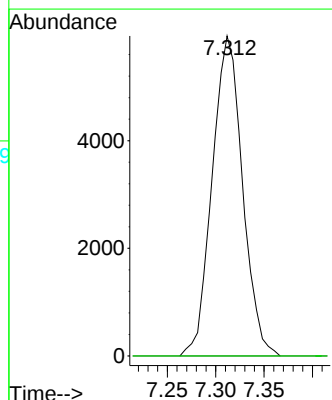
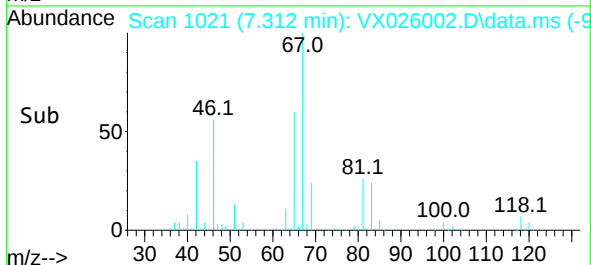
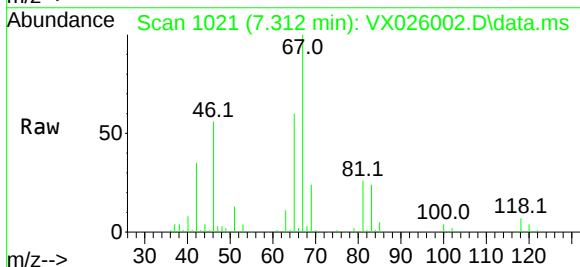


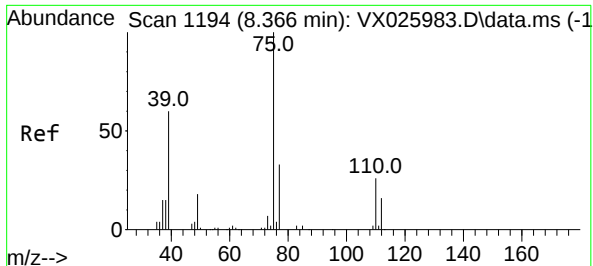
Tgt Ion: 96 Resp: 2230
 Ion Ratio Lower Upper
 96 100
 61 109.7 82.3 152.8
 68 0.0 0.0 0.0



#37
 1,2-Dichloropropane
 Concen: 7.057 ug/L
 RT: 7.312 min Scan# 1021
 Delta R.T. -0.122 min
 Lab File: VX026002.D
 Acq: 24 Dec 2021 04:30

Tgt Ion: 63 Resp: 12984
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.950 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX026002.D

Acq: 24 Dec 2021 04:30

Instrument :

MSVOA_X

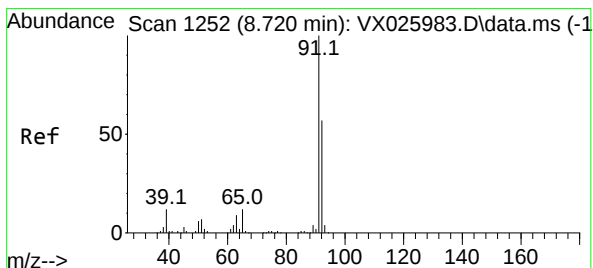
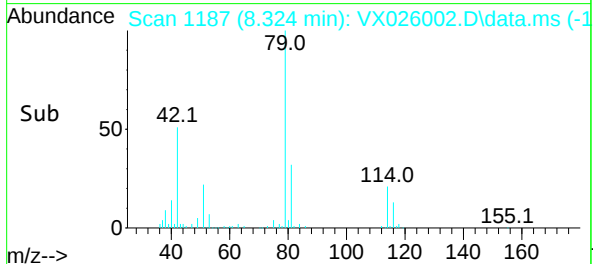
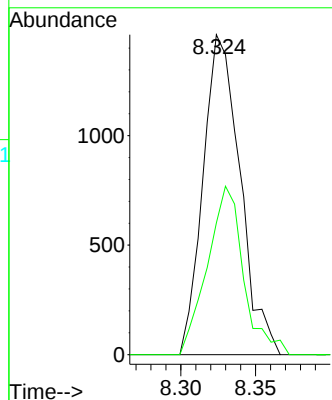
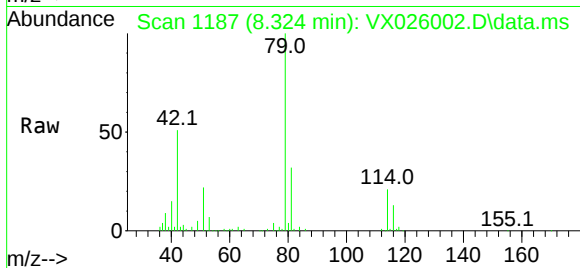
ClientSampleId :

Tgt Ion: 75 Resp: 2511

Ion Ratio Lower Upper

75 100

77 41.1 22.3 41.3



#42

Toluene

Concen: 7.671 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX026002.D

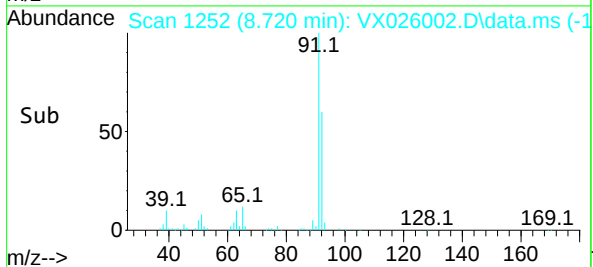
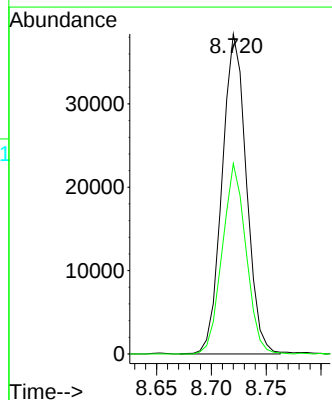
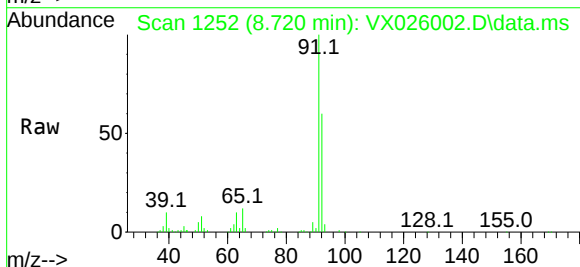
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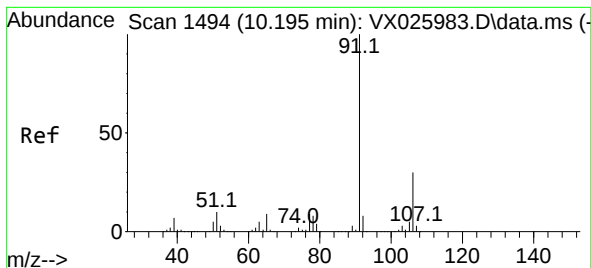
Tgt Ion: 91 Resp: 59214

Ion Ratio Lower Upper

91 100

92 59.5 41.2 76.6

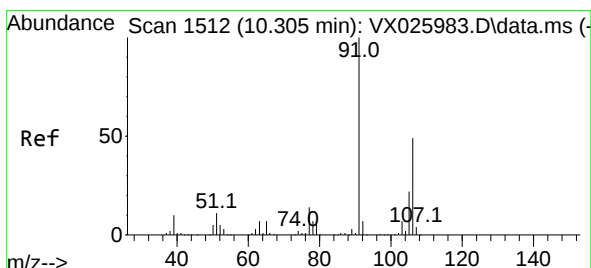
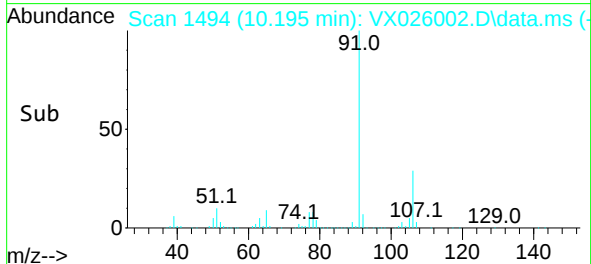
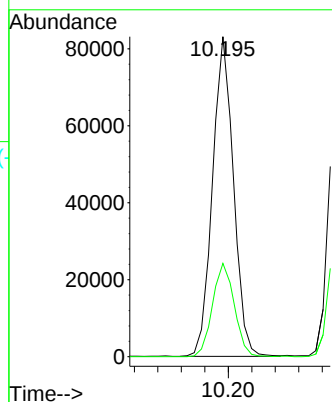
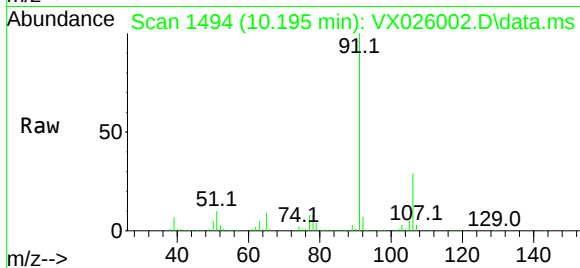




#52
Ethylbenzene
Concen: 12.309 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026002.D
Acq: 24 Dec 2021 04:30

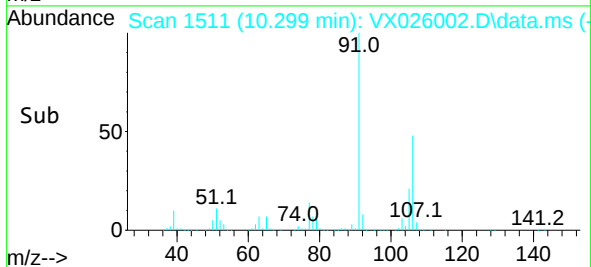
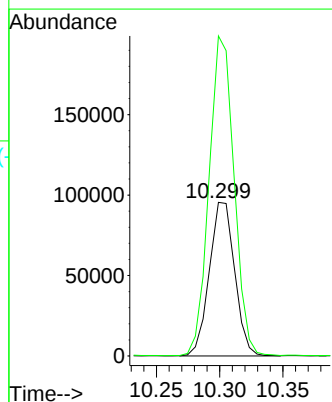
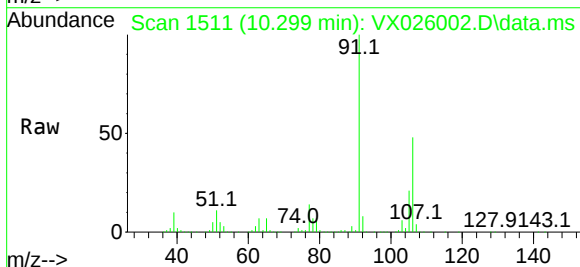
Instrument :
MSVOA_X
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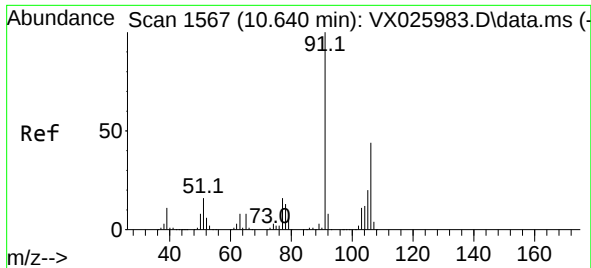
Tgt Ion: 91 Resp: 103045
Ion Ratio Lower Upper
91 100
106 29.2 23.1 42.9



#53
m,p-Xylene
Concen: 41.695 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX026002.D
Acq: 24 Dec 2021 04:30

Tgt Ion: 106 Resp: 133248
Ion Ratio Lower Upper
106 100
91 208.4 136.8 254.2

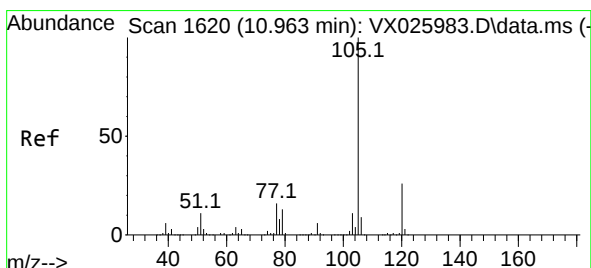
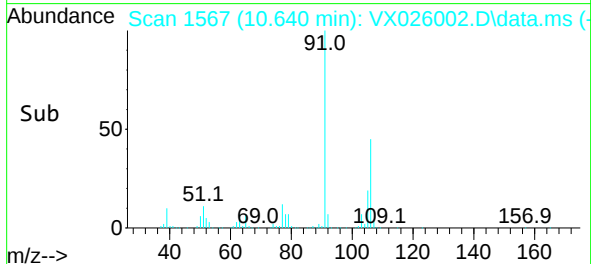
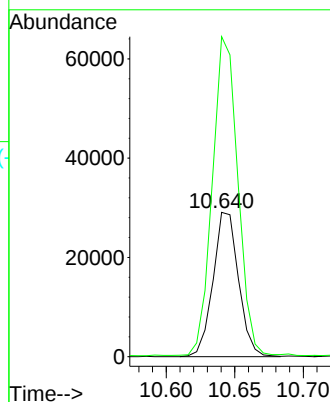
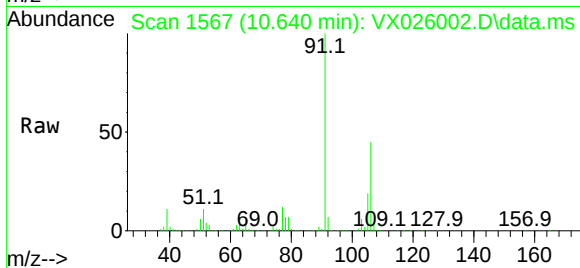




#54
o-Xylene
Concen: 11.896 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX026002.D
Acq: 24 Dec 2021 04:30

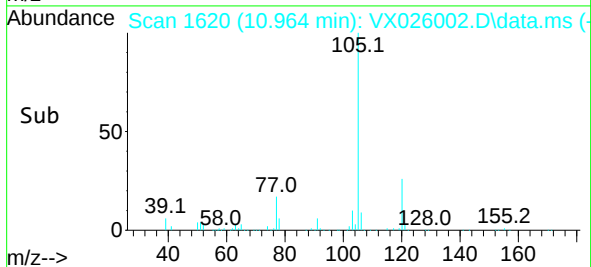
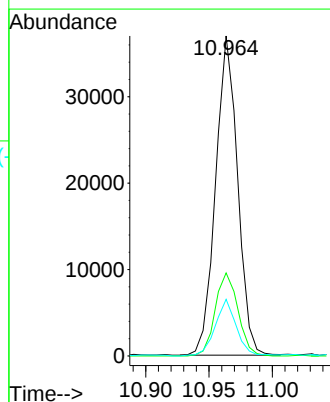
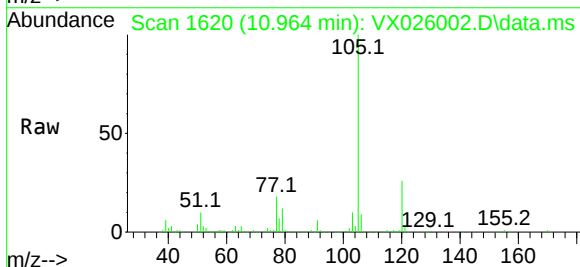
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ClientSampleId :

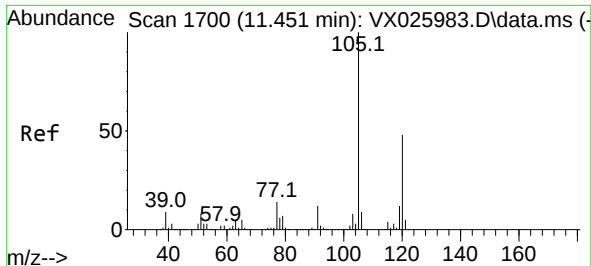
Tgt Ion:106 Resp: 37657
Ion Ratio Lower Upper
106 100
91 221.8 140.5 260.9



#60
Isopropylbenzene
Concen: 5.759 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026002.D
Acq: 24 Dec 2021 04:30

Tgt Ion:105 Resp: 44595
Ion Ratio Lower Upper
105 100
120 26.9 22.3 33.5
77 17.0 11.5 17.3

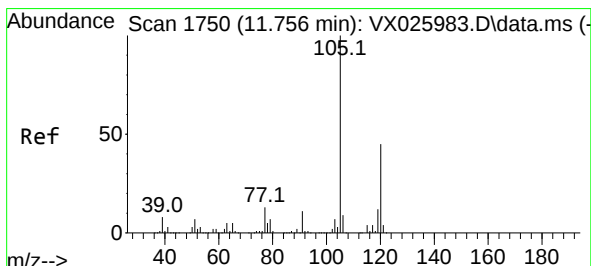
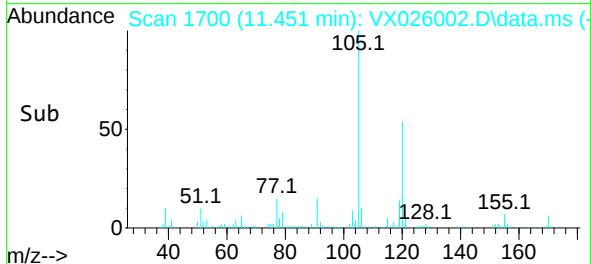
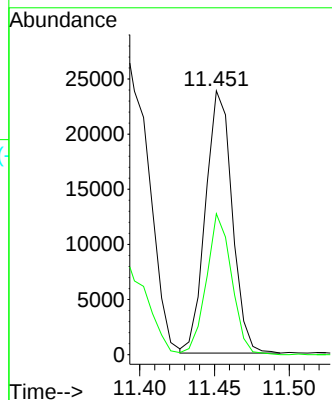
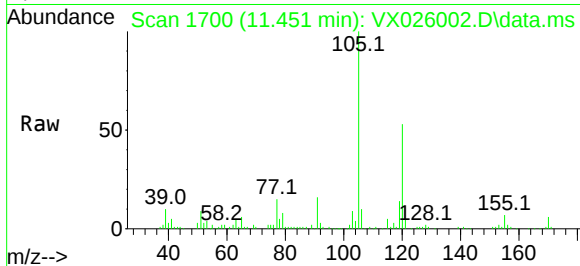




#62
 1,3,5-Trimethylbenzene
 Concen: 4.550 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX026002.D
 Acq: 24 Dec 2021 04:30

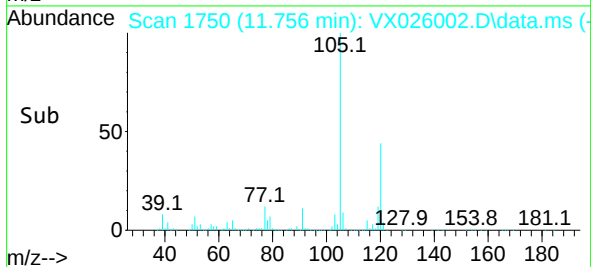
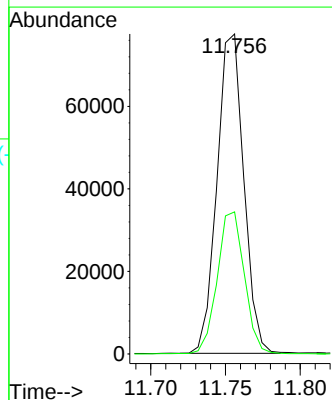
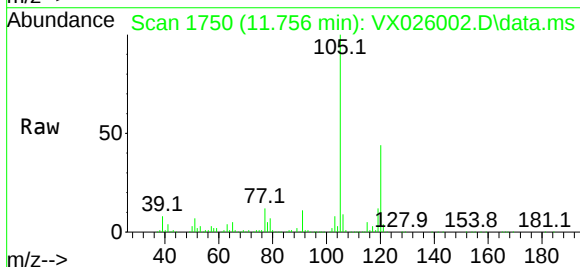
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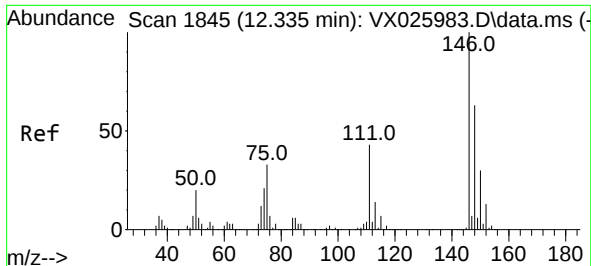
Tgt Ion:105 Resp: 29504
 Ion Ratio Lower Upper
 105 100
 120 51.0 41.0 61.4



#63
 1,2,4-Trimethylbenzene
 Concen: 14.831 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX026002.D
 Acq: 24 Dec 2021 04:30

Tgt Ion:105 Resp: 96336
 Ion Ratio Lower Upper
 105 100
 120 44.9 0.1 0.1#





#67

1,2-Dichlorobenzene

Concen: 1.221 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

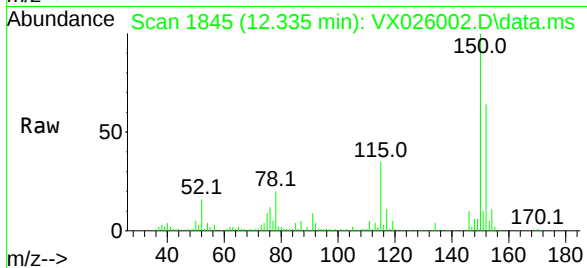
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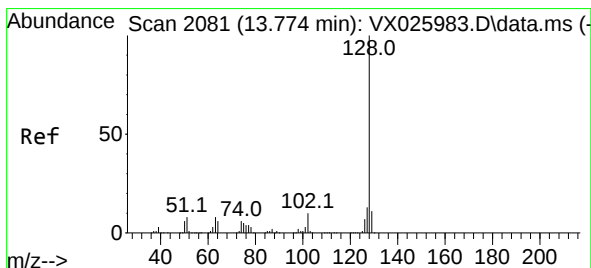
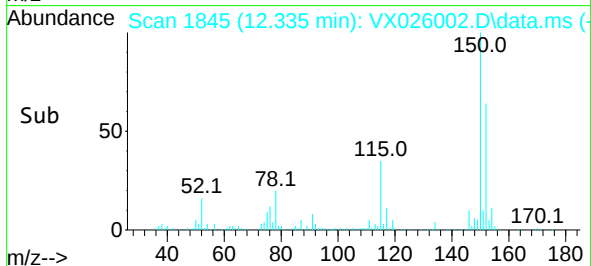
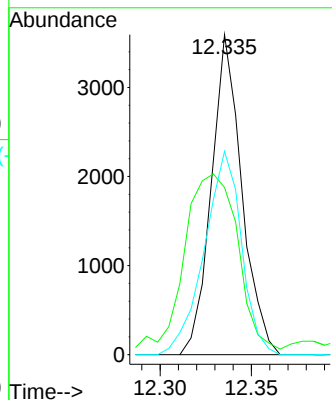
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	146	Resp:	4172
Ion Ratio	Lower	Upper	
146	100		
111	52.3	32.3	48.5#
148	63.6	50.3	75.5



#71

Naphthalene

Concen: 73.068 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX026002.D

Acq: 24 Dec 2021 04:30

Tgt Ion:	128	Resp:	570591
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.1	15.1
129	11.1	8.7	13.1

