

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024652.D
 Acq On : 07 Oct 2021 17:47
 Operator : JC/MD
 Sample : M4000-21ME
 Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW914ME

Manual Integrations
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 10/8/2021 9:39:04 AM

Quant Time: Oct 07 23:09:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 23:05:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	243046	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	234012	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.030	152	138001	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	67155	44.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.26%		
7) Chloroethane-d5	1.648	69	24083	24.31	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	48.62%#		
11) 1,1-Dichloroethene-d2	2.264	63	91904	31.11	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.22%		
21) 2-Butanone-d5	4.513	46	77560	62.69	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery =	62.69%		
24) Chloroform-d	5.062	84	140283	46.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.06%		
26) 1,2-Dichloroethane-d4	5.958	65	103009	47.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.58%		
32) Benzene-d6	5.970	84	290061	44.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.00%		
36) 1,2-Dichloropropane-d6	7.312	67	90211	43.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.50%		
41) Toluene-d8	8.653	98	298683	46.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.02%		
43) trans-1,3-Dichloroprop...	8.958	79	50882	49.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.62%		
47) 2-Hexanone-d5	9.403	63	99597	102.90	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.90%		
56) 1,1,2,2-Tetrachloroeth...	11.201	84	205219	72.27	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	144.54%#		
66) 1,2-Dichlorobenzene-d4	12.323	152	133678	49.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.02%		
Target Compounds						
					Qvalue	
16) Methylene chloride	2.776	84	2579	1.54	ug/L #	60
29) Cyclohexane	5.458	56	251421	86.56	ug/L #	79
34) Trichloroethene	7.129	95	10811	5.43	ug/L	98
35) Methylcyclohexane	7.379	83	1309375	413.81	ug/L	93
42) Toluene	8.720	91	8850	1.10	ug/L	93
52) Ethylbenzene	10.201	91	190695	22.95	ug/L	96
53) m,p-Xylene	10.305	106	6740	2.08	ug/L #	22
54) o-Xylene	10.646	106	5608	1.73	ug/L	95
60) Isopropylbenzene	10.969	105	117199m	12.33	ug/L	
62) 1,3,5-Trimethylbenzene	11.457	105	78495	9.40	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	8254	1.01	ug/L	99

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

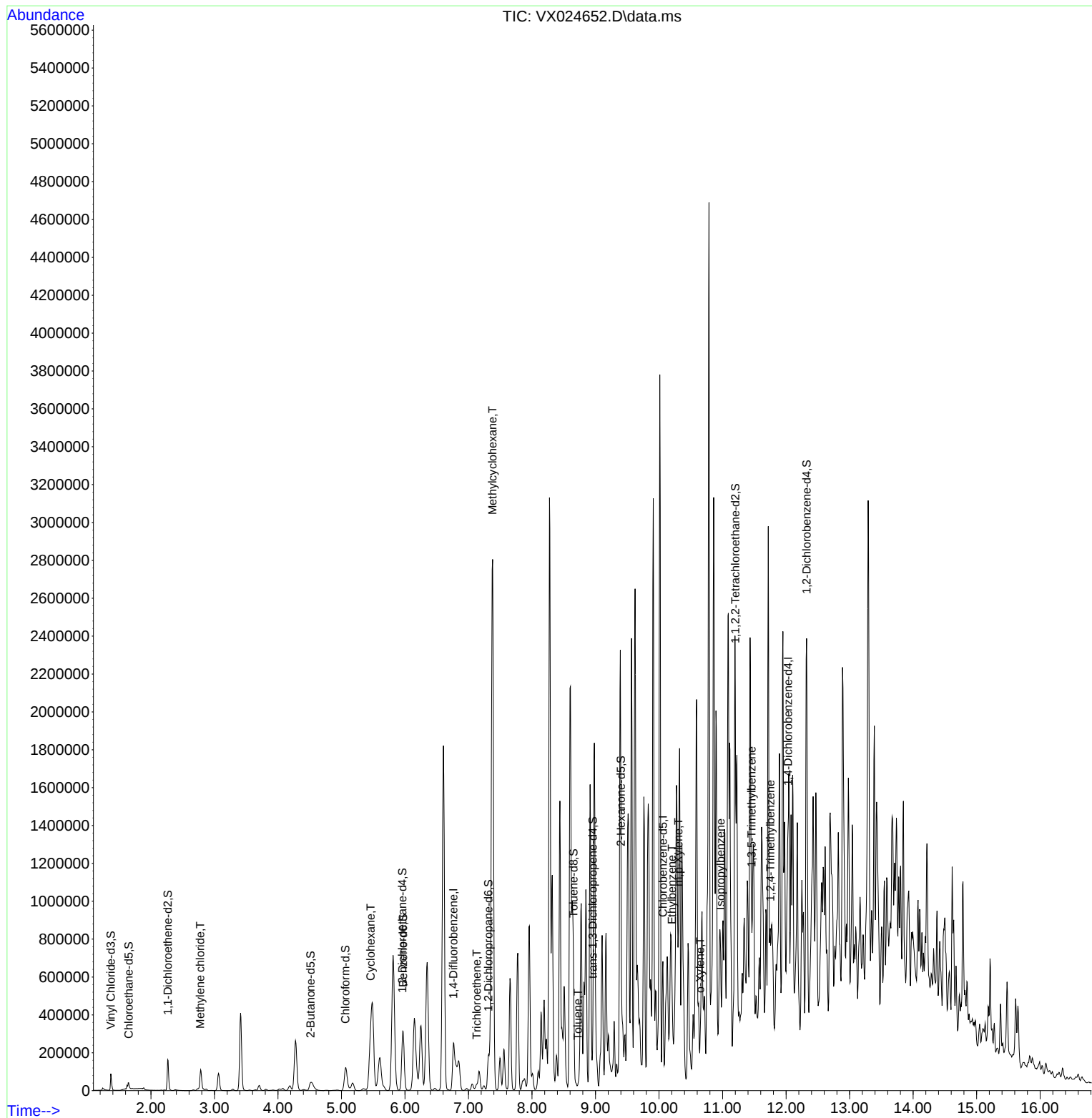
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Data File : VX024652.D
Acq On : 07 Oct 2021 17:47
Operator : JC/MD
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Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 21 Sample Multiplier: 1

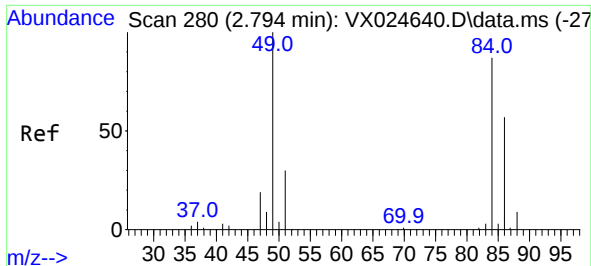
Instrument :
MSVOA_X
ClientSampleId :
EW914ME

Manual Integrations
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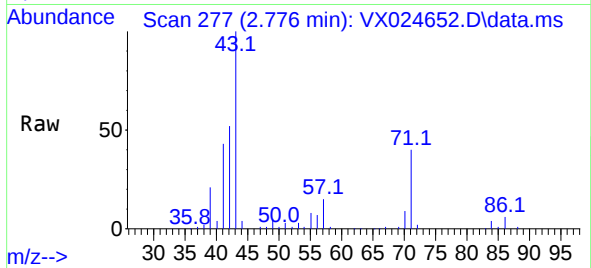
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 23:05:28 2021
Response via : Initial Calibration

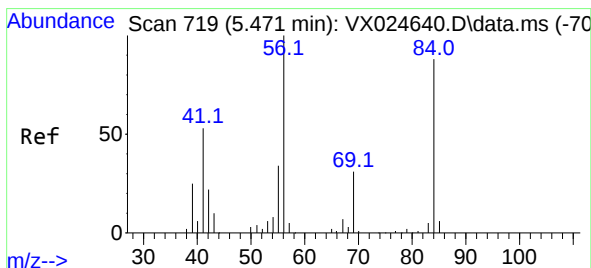
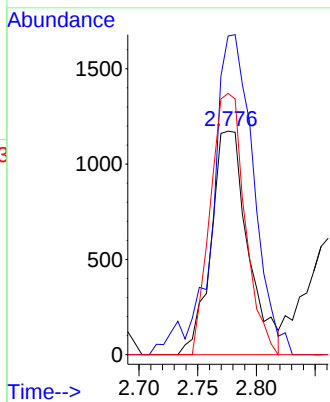
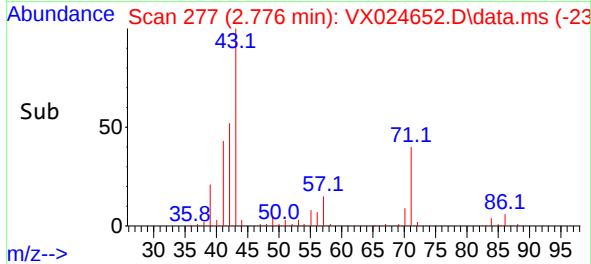




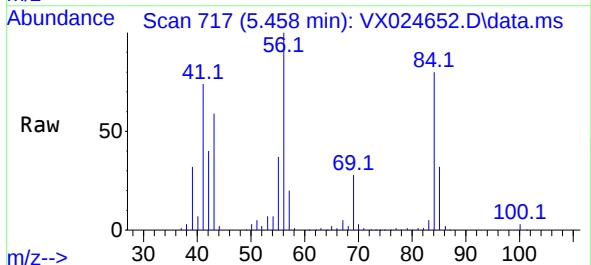
#16
Methylene chloride
Concen: 1.54 ug/L
RT: 2.776 min Scan# 277
Delta R.T. -0.018 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47



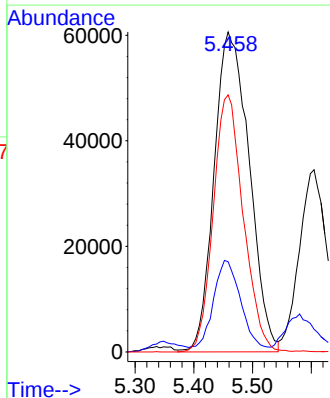
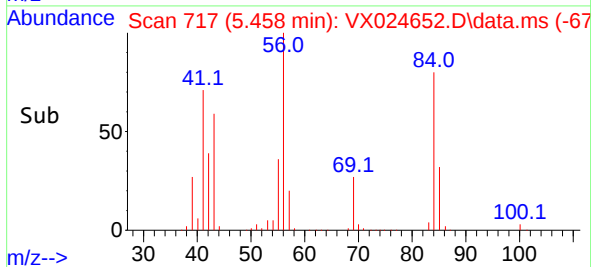
Tgt Ion: 84 Resp: 2579
Ion Ratio Lower Upper
84 100
86 142.5 44.2 82.0#
49 116.9 77.8 144.6



#29
Cyclohexane
Concen: 86.56 ug/L
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47



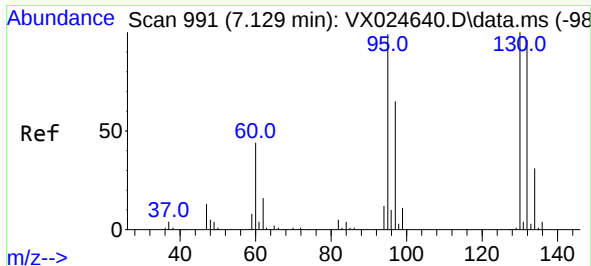
Tgt Ion: 56 Resp: 251421
Ion Ratio Lower Upper
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69 23.2 25.7 38.5#
84 68.8 72.4 108.6#



Instrument :
MSVOA_X
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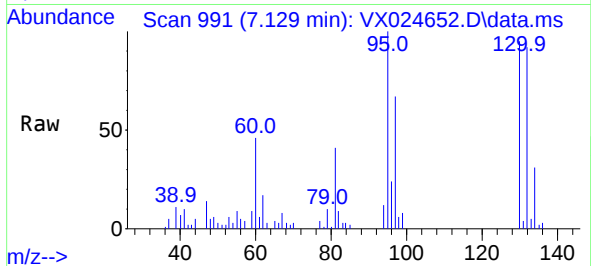
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#34
Trichloroethene
Concen: 5.43 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

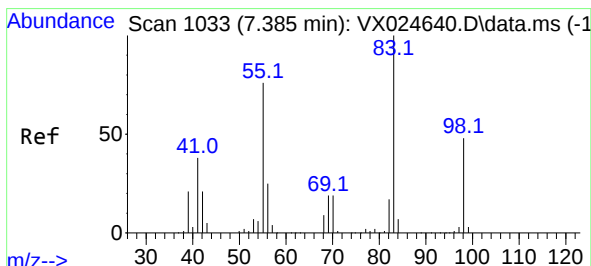
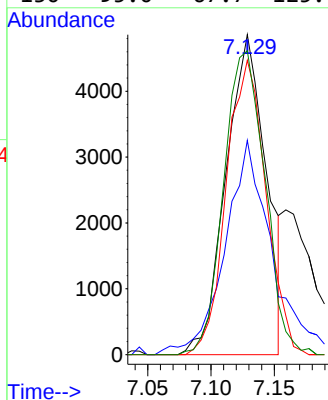
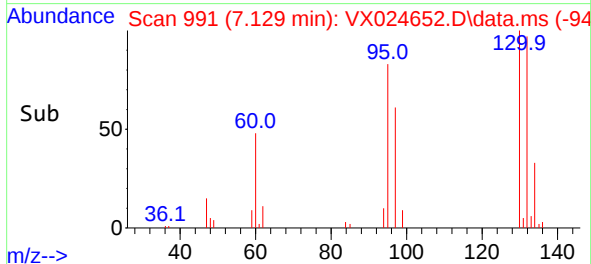
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ClientSampled :
EW914ME



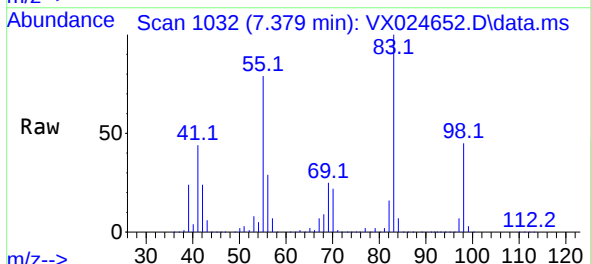
Tgt Ion: 95 Resp: 10811
Ion Ratio Lower Upper
95 100
97 67.0 44.5 82.7
132 92.0 65.2 121.0
130 95.0 67.7 125.7

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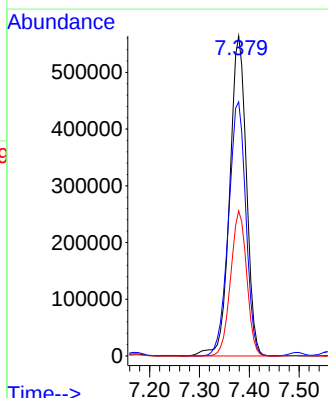
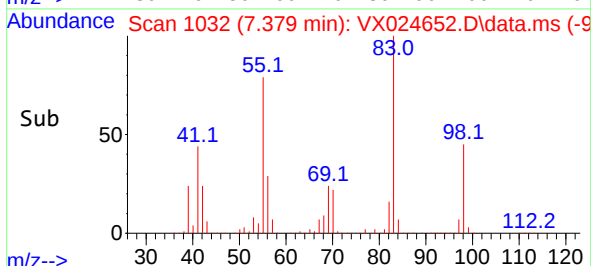
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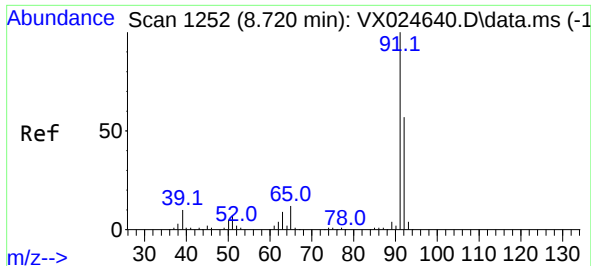


#35
Methylcyclohexane
Concen: 413.81 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47



Tgt Ion: 83 Resp: 1309375
Ion Ratio Lower Upper
83 100
55 82.6 61.2 91.8
98 43.6 38.7 58.1





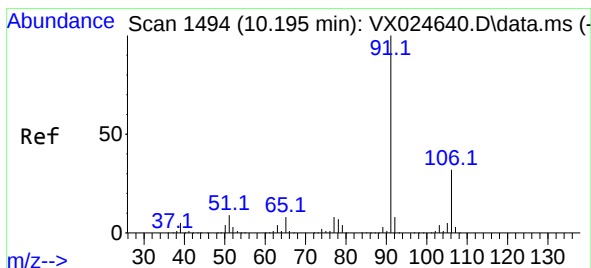
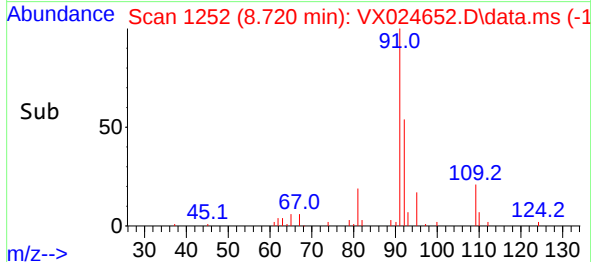
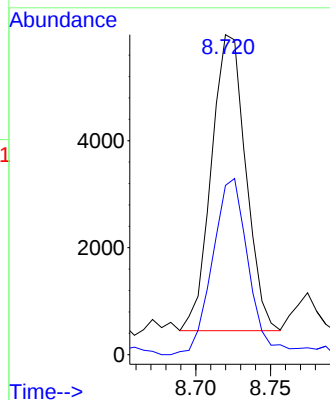
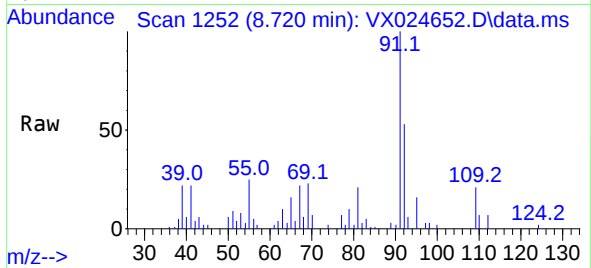
#42
Toluene
Concen: 1.10 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

Tgt Ion: 91 Resp: 8850
Ion Ratio Lower Upper
91 100
92 52.9 40.5 75.1

Instrument :
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EW914ME

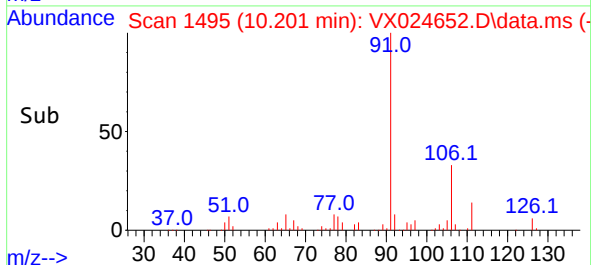
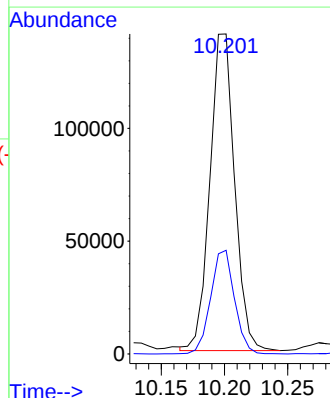
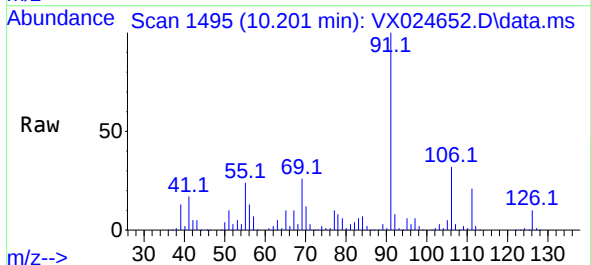
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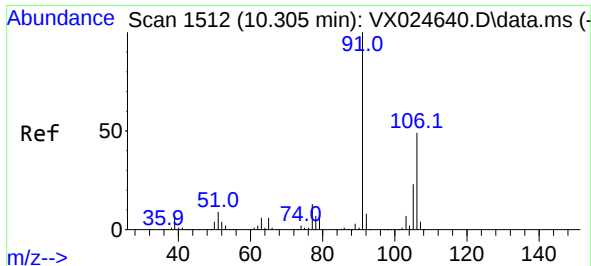
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#52
Ethylbenzene
Concen: 22.95 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

Tgt Ion: 91 Resp: 190695
Ion Ratio Lower Upper
91 100
106 32.4 21.0 39.0





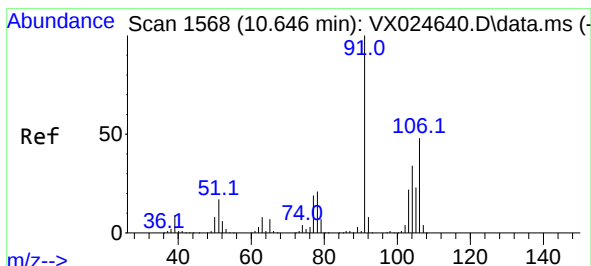
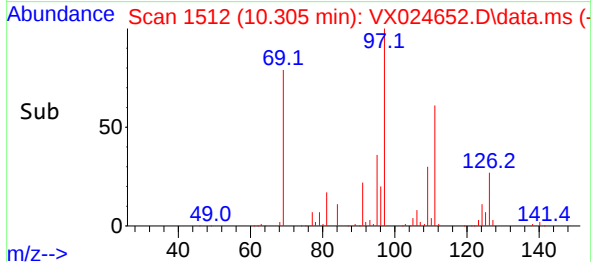
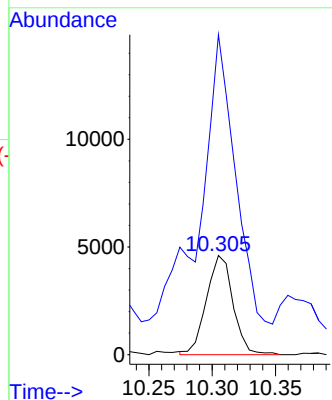
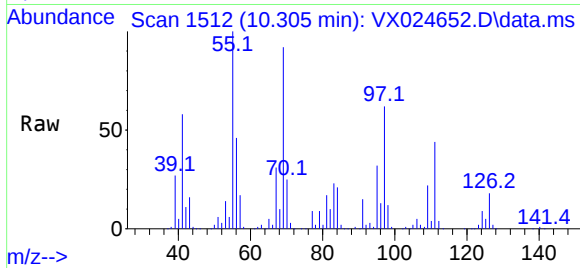
#53
m,p-Xylene
Concen: 2.08 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

Tgt Ion:106 Resp: 6740
Ion Ratio Lower Upper
106 100
91 322.7 142.5 264.6#

Instrument :
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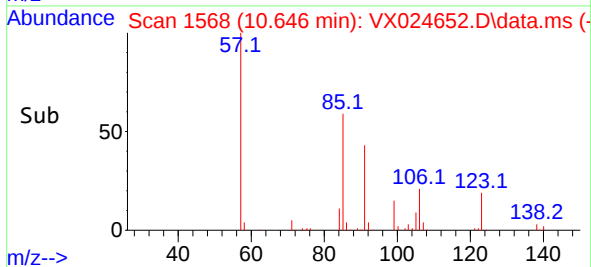
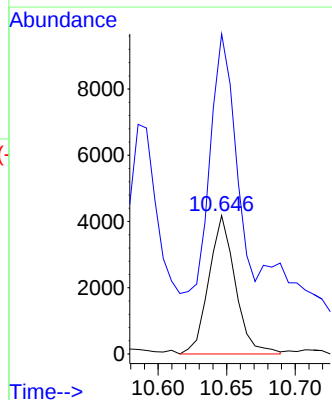
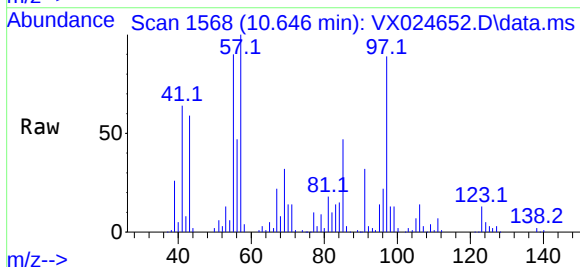
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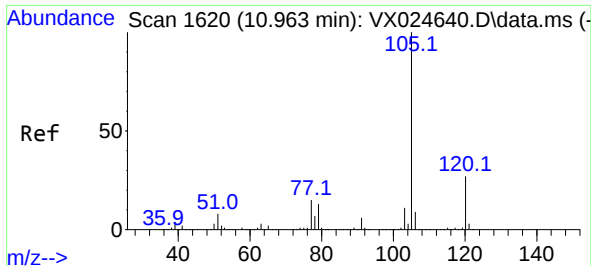
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#54
o-Xylene
Concen: 1.73 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

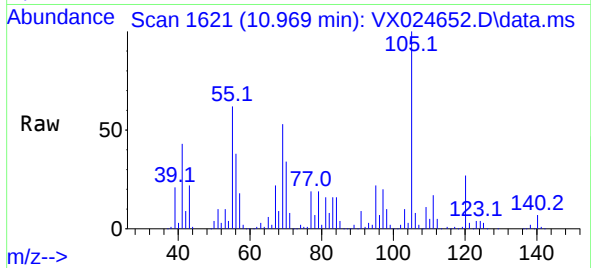
Tgt Ion:106 Resp: 5608
Ion Ratio Lower Upper
106 100
91 231.3 156.2 290.0





#60
Isopropylbenzene
Concen: 12.33 ug/L m
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

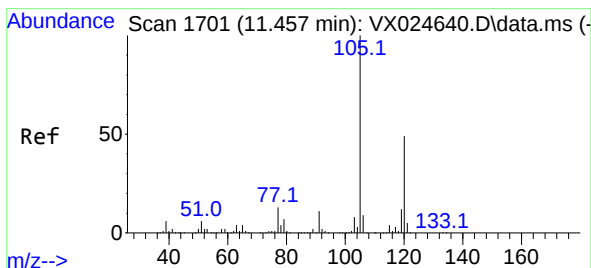
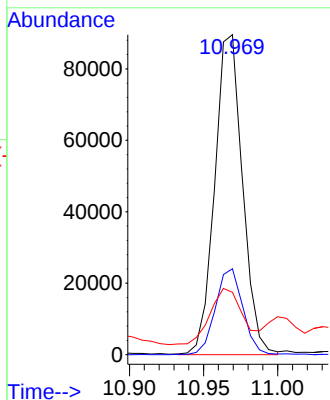
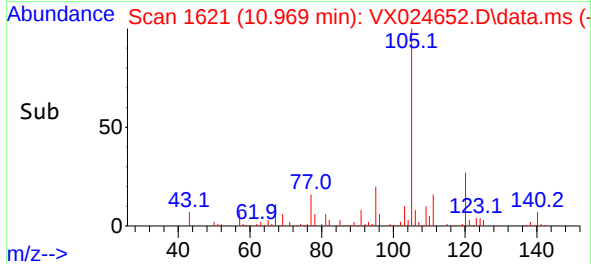
Instrument :
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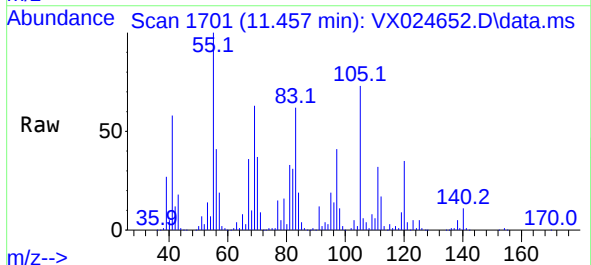
Tgt Ion:105 Resp: 117199
Ion Ratio Lower Upper
105 100
120 79.8 21.2 31.8#
77 35.5 12.6 18.8#

Manual Integrations
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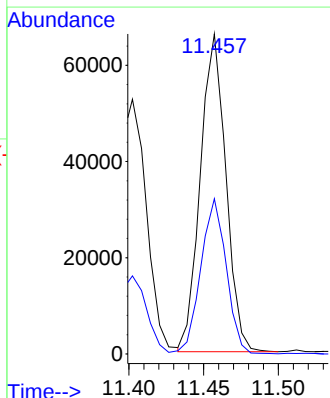
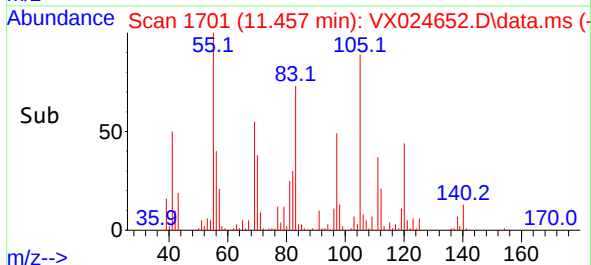
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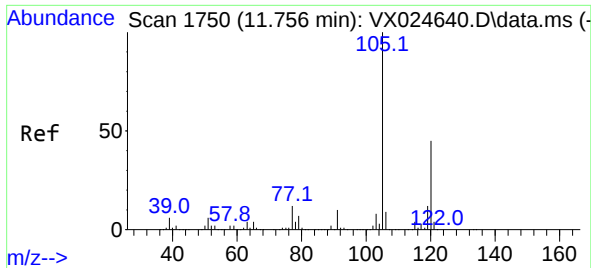


#62
1,3,5-Trimethylbenzene
Concen: 9.40 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47



Tgt Ion:105 Resp: 78495
Ion Ratio Lower Upper
105 100
120 48.4 38.0 57.0





#63
 1,2,4-Trimethylbenzene
 Concen: 1.01 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX024652.D
 Acq: 07 Oct 2021 17:47

Tgt Ion:105 Resp: 8254
 Ion Ratio Lower Upper
 105 100
 120 44.9 36.4 54.6

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