

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025573.D
 Acq On : 07 Dec 2021 12:47
 Operator : JC/MD
 Sample : M4881-09ME
 Misc : 4.25g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW9E5ME

Quant Time: Dec 08 05:33:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.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)

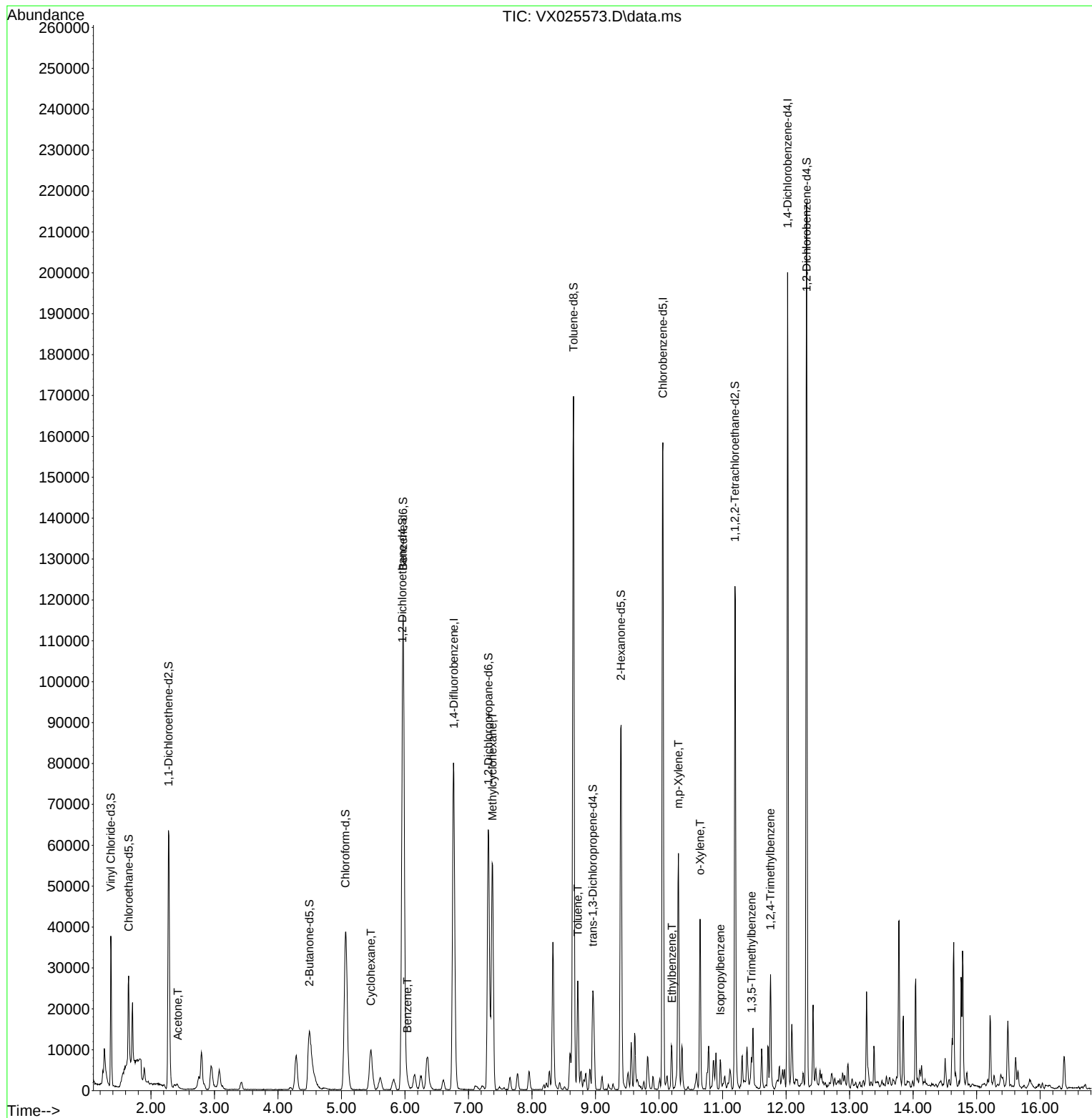
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	91782	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	82792	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	41936	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	25409	40.565	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.140%		
7) Chloroethane-d5	1.648	69	13816	26.725	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	53.460%#		
11) 1,1-Dichloroethene-d2	2.276	63	38201	38.250	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.500%		
21) 2-Butanone-d5	4.495	46	43361	92.996	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.000%		
24) Chloroform-d	5.062	84	53006	48.420	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.840%		
26) 1,2-Dichloroethane-d4	5.958	65	35617	52.198	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.400%		
32) Benzene-d6	5.970	84	115486	52.631	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.260%		
36) 1,2-Dichloropropane-d6	7.312	67	34613	50.949	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.900%		
41) Toluene-d8	8.653	98	104764	50.583	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.160%		
43) trans-1,3-Dichloroprop...	8.958	79	12195	35.704	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.400%		
47) 2-Hexanone-d5	9.403	63	30482	86.196	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.200%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	46441	48.369	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.740%		
66) 1,2-Dichlorobenzene-d4	12.323	152	42764	51.992	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.980%		
Target Compounds						Qvalue
13) Acetone	2.422	43	1537	4.009	ug/L	65
29) Cyclohexane	5.464	56	6752	7.960	ug/L	97
33) Benzene	6.037	78	2187	0.989	ug/L	100
35) Methylcyclohexane	7.379	83	26361	28.790	ug/L	98
42) Toluene	8.720	91	18154	7.443	ug/L	98
52) Ethylbenzene	10.201	91	6686	2.550	ug/L	93
53) m,p-Xylene	10.305	106	14424	13.584	ug/L	97
54) o-Xylene	10.646	106	9615	9.046	ug/L	97
60) Isopropylbenzene	10.963	105	3770	1.399	ug/L	96
62) 1,3,5-Trimethylbenzene	11.457	105	2951	1.309	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	10929	4.799	ug/L #	80

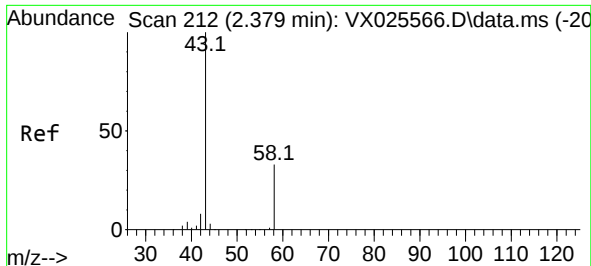
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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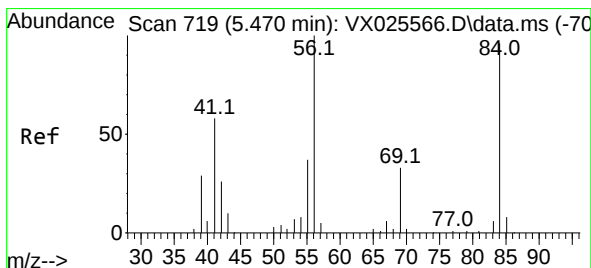
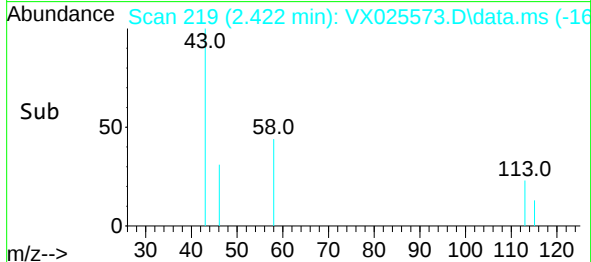
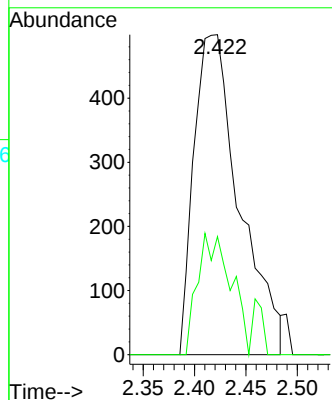
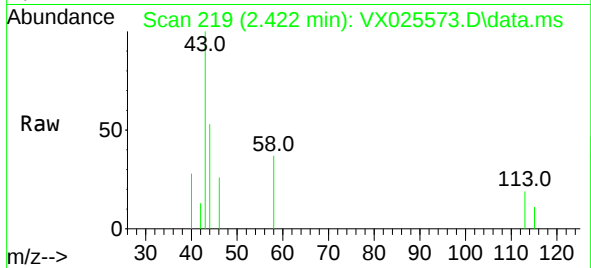




#13
Acetone
Concen: 4.009 ug/L
RT: 2.422 min Scan# 21
Delta R.T. 0.043 min
Lab File: VX025573.D
Acq: 07 Dec 2021 12:47

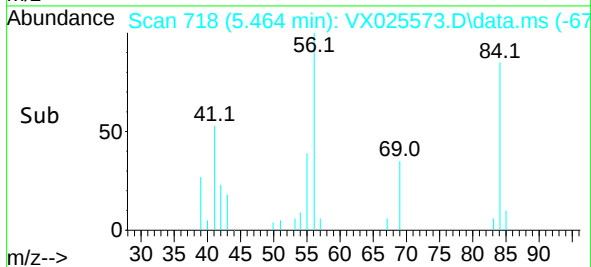
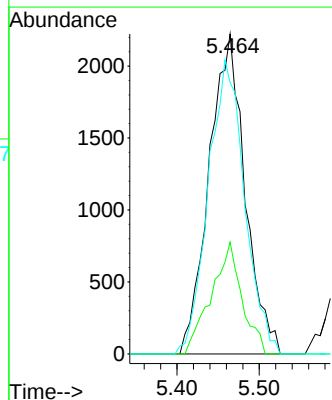
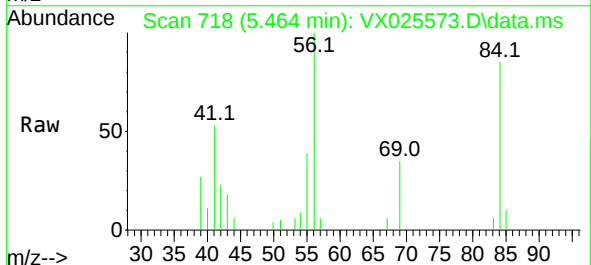
Instrument :
MSVOA_X
ClientSampleId :
EW9E5ME

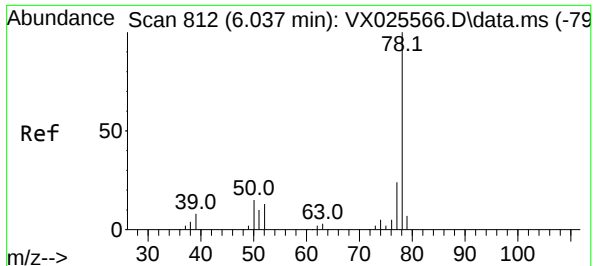
Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
58 12.9 0.0 65.6



#29
Cyclohexane
Concen: 7.960 ug/L
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX025573.D
Acq: 07 Dec 2021 12:47

Tgt Ion: 56 Resp: 6752
Ion Ratio Lower Upper
56 100
69 29.7 25.4 38.2
84 92.8 76.6 114.8

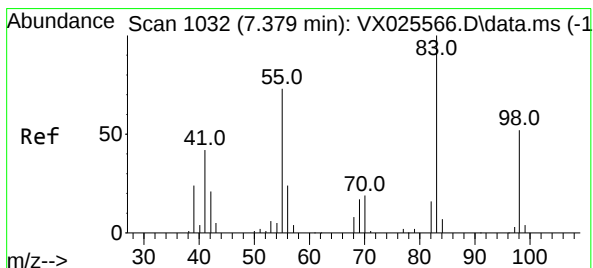
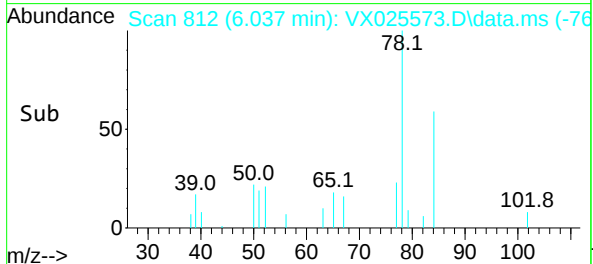
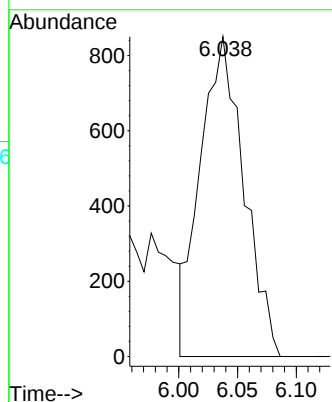
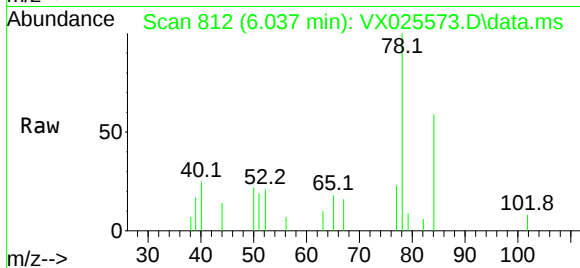




#33
Benzene
Concen: 0.989 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX025573.D
Acq: 07 Dec 2021 12:47

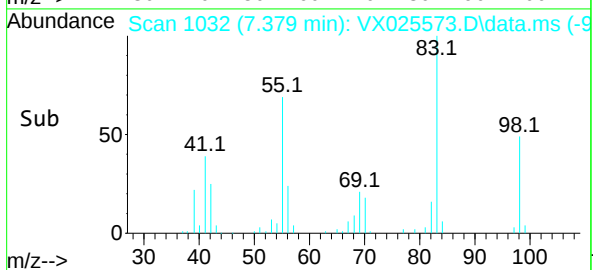
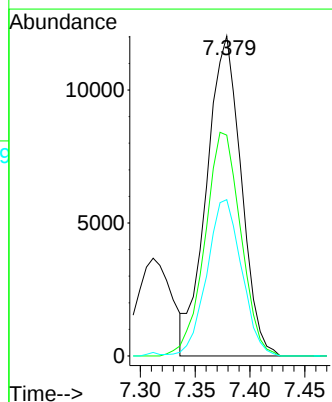
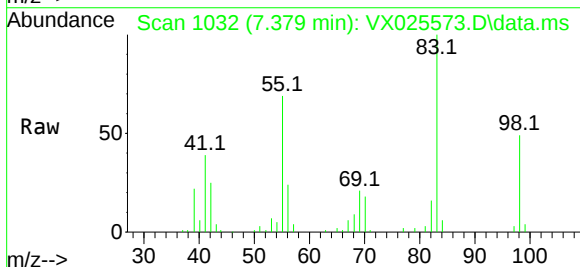
Instrument :
MSVOA_X
ClientSampleId :
EW9E5ME

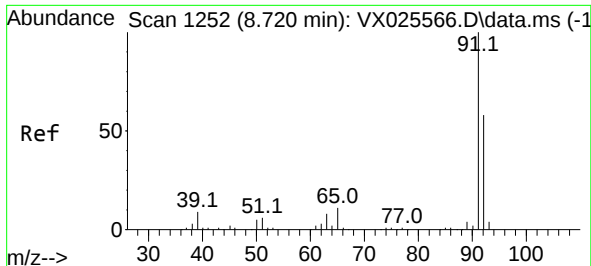
Tgt Ion: 78 Resp: 2187



#35
Methylcyclohexane
Concen: 28.790 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX025573.D
Acq: 07 Dec 2021 12:47

Tgt Ion: 83 Resp: 26361
Ion Ratio Lower Upper
83 100
55 72.3 57.3 85.9
98 49.2 41.1 61.7





#42

Toluene

Concen: 7.443 ug/L

RT: 8.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025573.D

Acq: 07 Dec 2021 12:47

Instrument :

MSVOA_X

ClientSampleId :

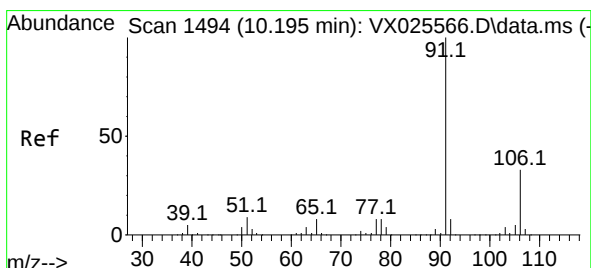
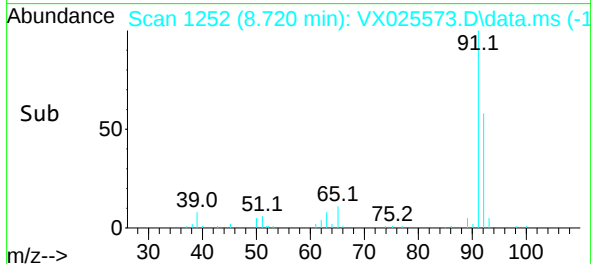
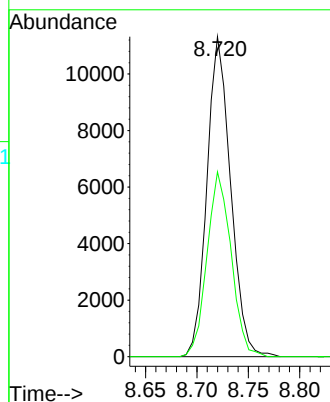
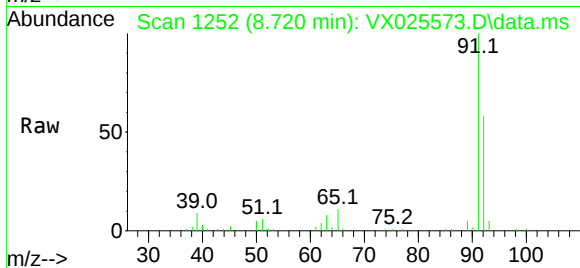
EW9E5ME

Tgt Ion: 91 Resp: 18154

Ion Ratio Lower Upper

91 100

92 57.8 41.2 76.6



#52

Ethylbenzene

Concen: 2.550 ug/L

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX025573.D

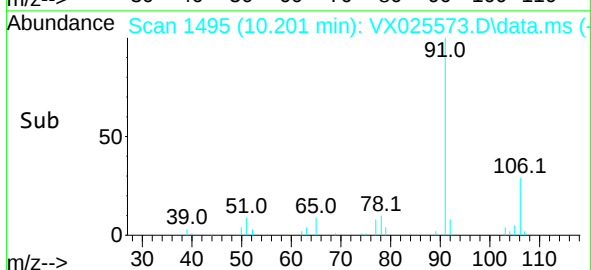
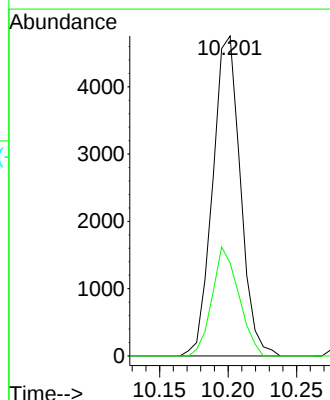
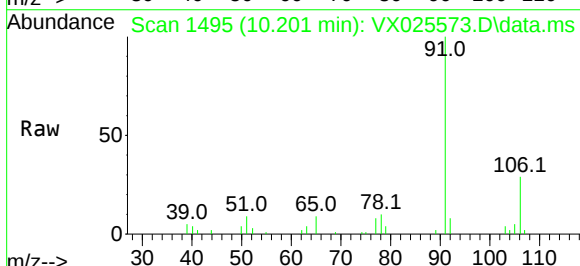
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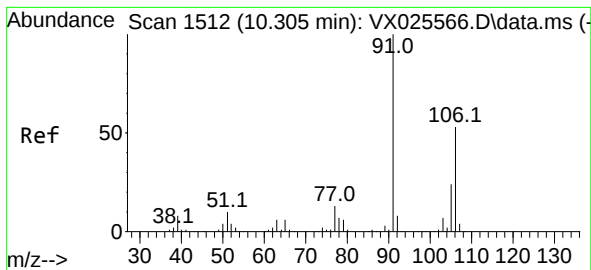
Tgt Ion: 91 Resp: 6686

Ion Ratio Lower Upper

91 100

106 29.0 23.1 42.9





#53

m,p-Xylene

Concen: 13.584 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX025573.D

Acq: 07 Dec 2021 12:47

Instrument :

MSVOA_X

ClientSampleId :

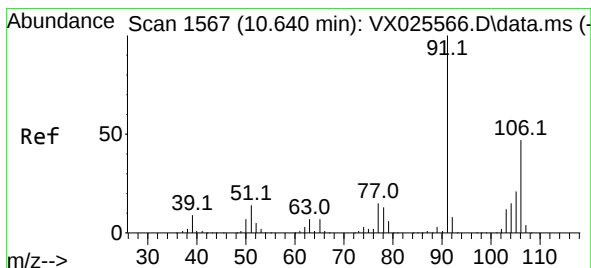
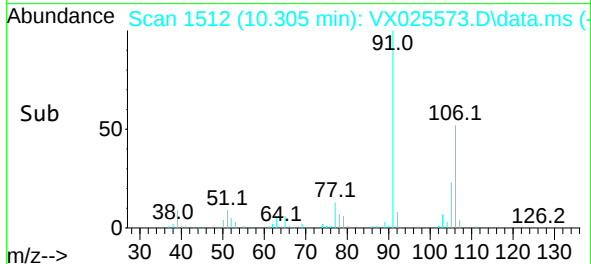
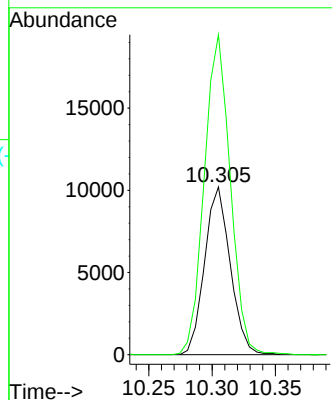
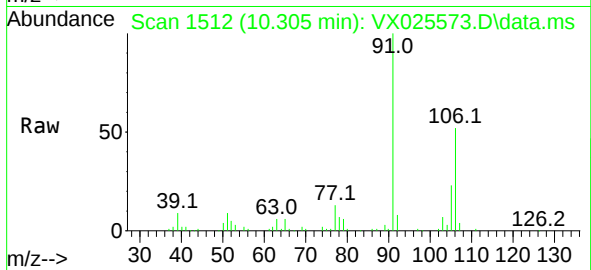
EW9E5ME

Tgt Ion:106 Resp: 14424

Ion Ratio Lower Upper

106 100

91 190.9 136.8 254.2



#54

o-Xylene

Concen: 9.046 ug/L

RT: 10.646 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX025573.D

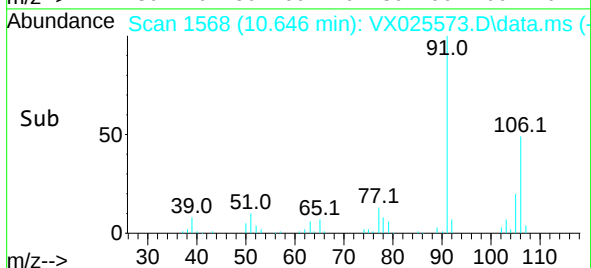
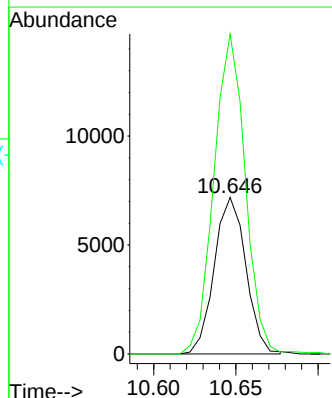
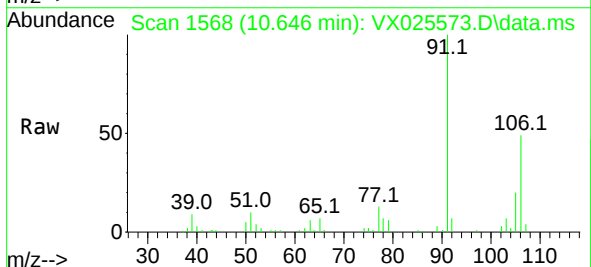
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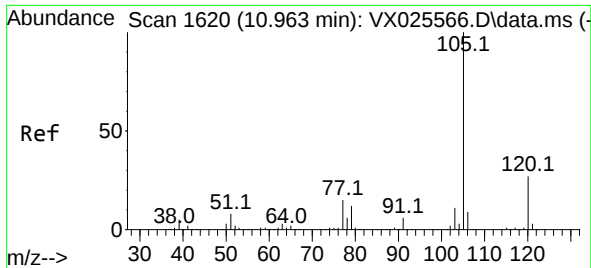
Tgt Ion:106 Resp: 9615

Ion Ratio Lower Upper

106 100

91 204.5 140.5 260.9

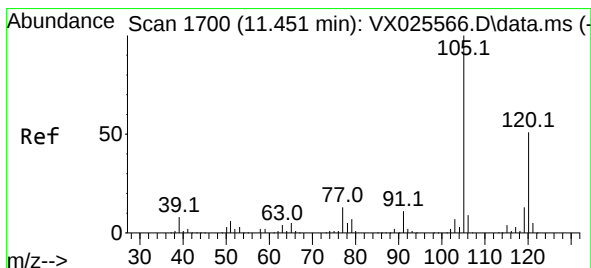
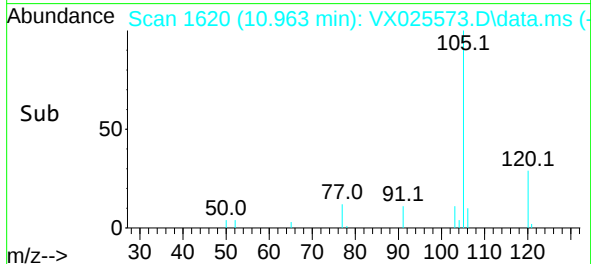
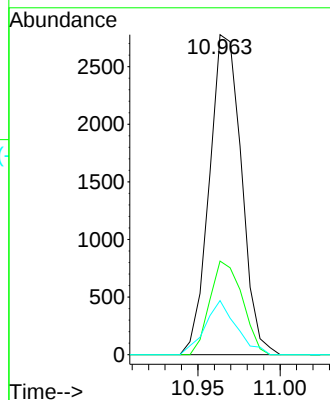
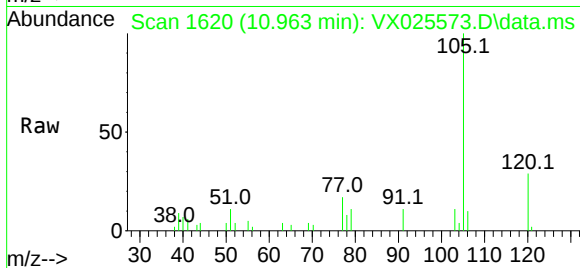




#60
Isopropylbenzene
Concen: 1.399 ug/L
RT: 10.963 min Scan# 110
Delta R.T. 0.000 min
Lab File: VX025573.D
Acq: 07 Dec 2021 12:47

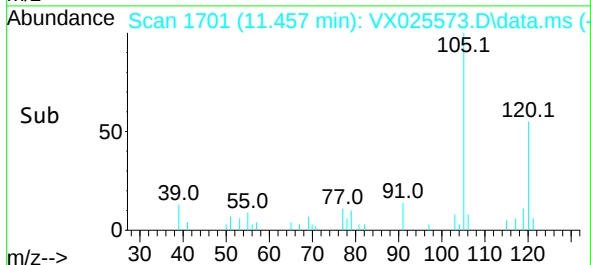
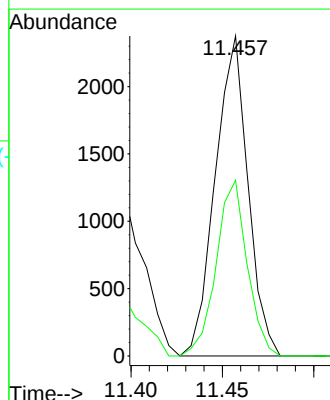
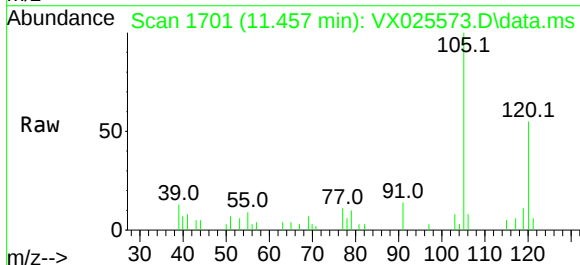
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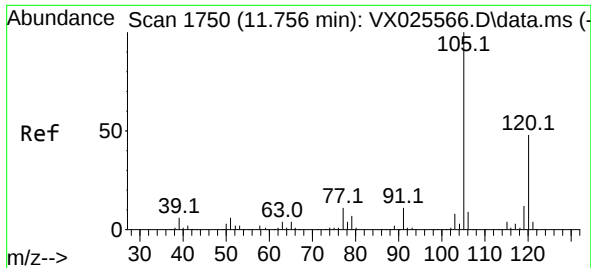
Tgt Ion:105 Resp: 3770
Ion Ratio Lower Upper
105 100
120 29.6 22.3 33.5
77 16.5 11.5 17.3



#62
1,3,5-Trimethylbenzene
Concen: 1.309 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025573.D
Acq: 07 Dec 2021 12:47

Tgt Ion:105 Resp: 2951
Ion Ratio Lower Upper
105 100
120 52.2 41.0 61.4





#63
 1,2,4-Trimethylbenzene
 Concen: 4.799 ug/L
 RT: 11.756 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025573.D
 Acq: 07 Dec 2021 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 EW9E5ME

Tgt Ion:105 Resp: 10929
 Ion Ratio Lower Upper
 105 100
 120 47.3 0.1 0.1#

