

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021895.D
 Acq On : 11 May 2021 13:42
 Operator : JC/MD
 Sample : M2336-07
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6L3

Quant Time: May 12 03:40:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 03:37:54 2021
 Response via : Initial Calibration

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

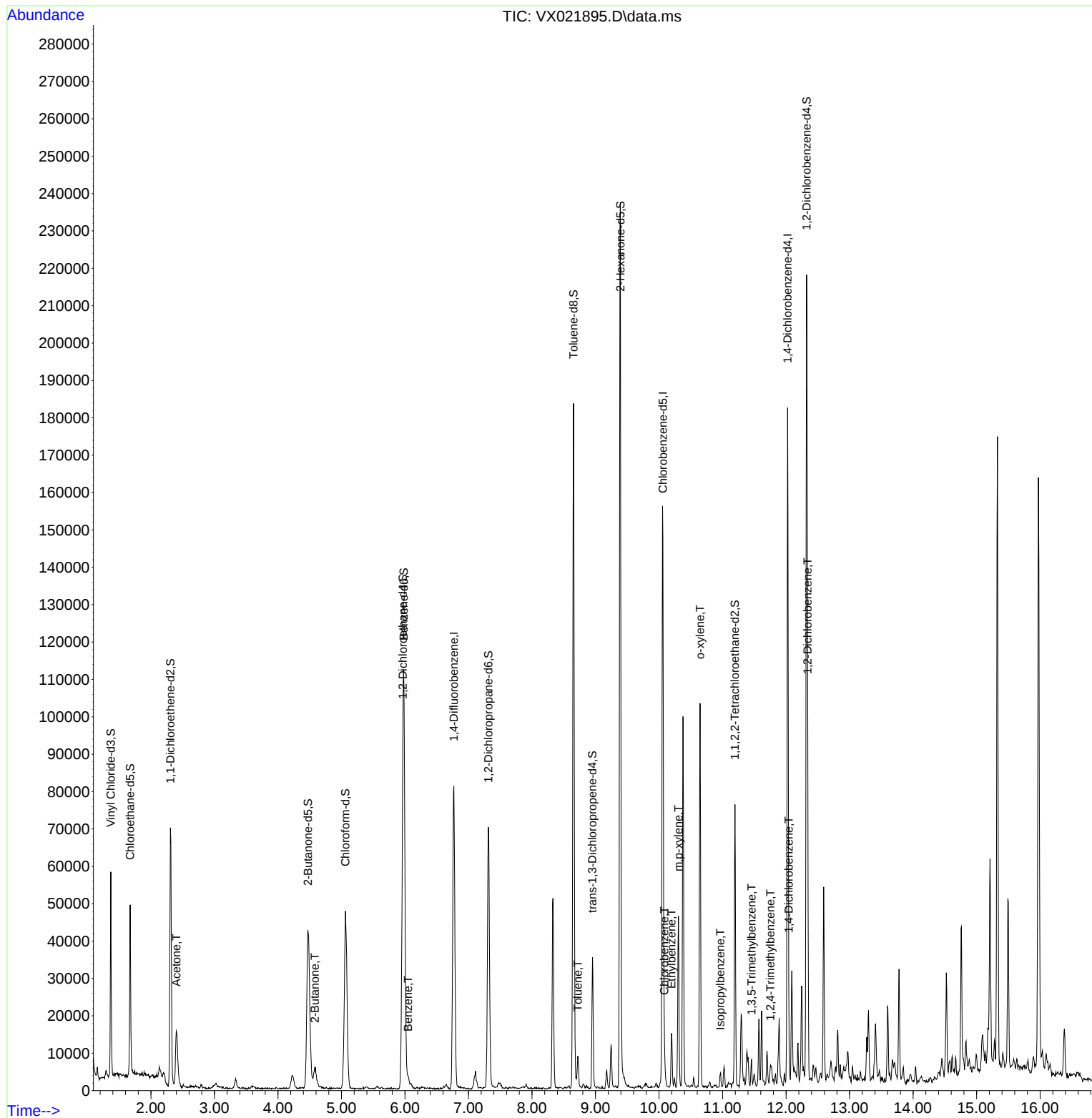
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	83064	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	72296	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33745	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	30999	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.673	69	26924	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.307	63	38181	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.471	46	84179	51.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.58%
24) Chloroform-d	5.062	84	55811	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.964	65	29782	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.983	84	117136	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	7.312	67	36011	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	8.653	98	105129	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloroprop...	8.952	79	15623	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	9.391	63	72503	51.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.82%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	27315	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
66) 1,2-Dichlorobenzene-d4	12.323	152	35976	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						Qvalue
13) Acetone	2.398	43	24686	29.68	ug/L	98
21) 2-Butanone	4.581	43	8194	5.35	ug/L	89
33) Benzene	6.050	78	3012	0.12	ug/L	100
42) Toluene	8.720	91	5211	0.20	ug/L	93
51) Chlorobenzene	10.086	112	4736	0.29	ug/L #	88
52) Ethylbenzene	10.195	91	8789	0.30	ug/L	96
53) m,p-xylene	10.305	106	10472	0.92	ug/L	98
54) o-xylene	10.647	106	21625	1.97	ug/L	90
60) Isopropylbenzene	10.964	105	1801	0.06	ug/L #	91
62) 1,3,5-Trimethylbenzene	11.457	105	3251	0.13	ug/L	94
63) 1,2,4-Trimethylbenzene	11.756	105	2151	0.09	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	1552	0.13	ug/L	98
67) 1,2-Dichlorobenzene	12.341	146	24240	2.24	ug/L	97

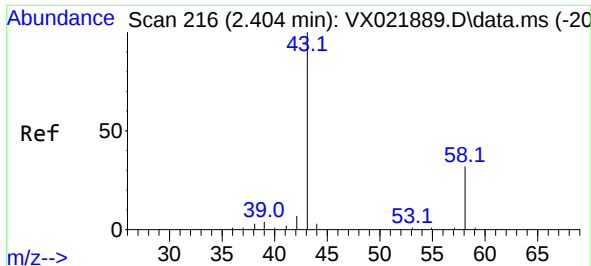
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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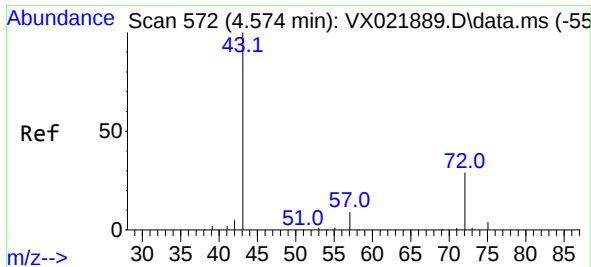
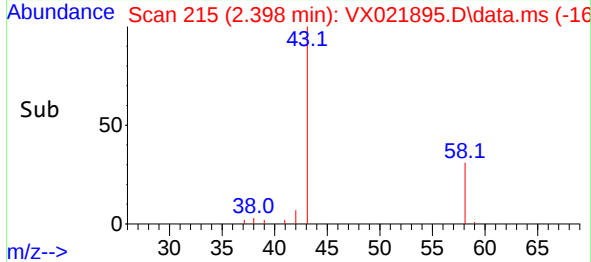
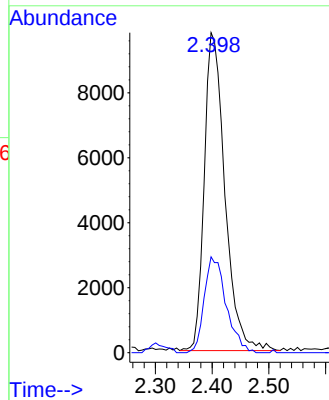
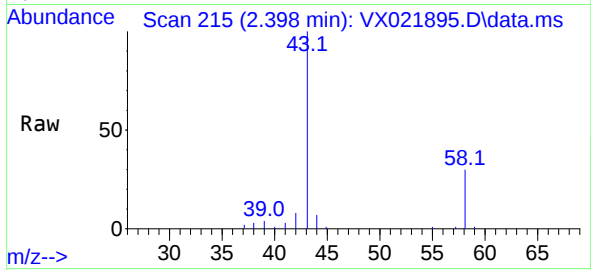




#13
Acetone
Concen: 29.68 ug/L
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX021895.D
Acq: 11 May 2021 13:42

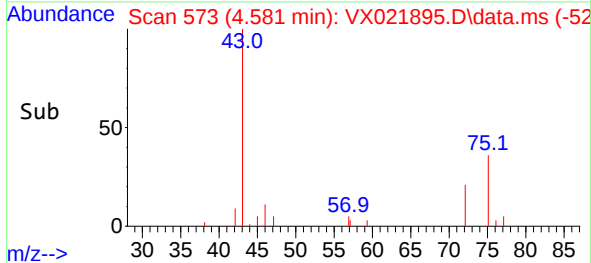
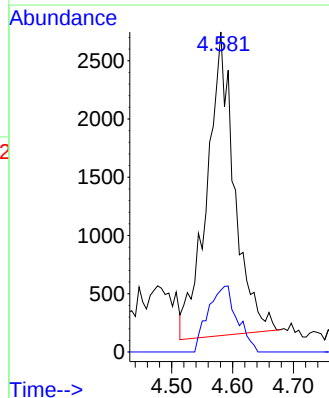
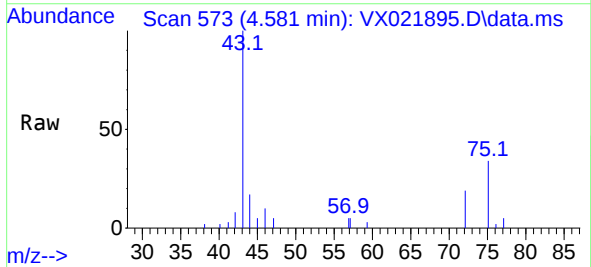
Instrument :
MSVOA_X
ClientSampled :
BG6L3

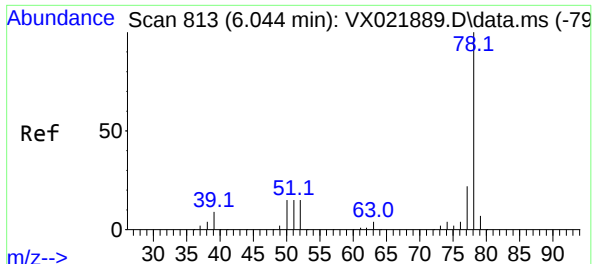
Tgt Ion: 43 Resp: 24686
Ion Ratio Lower Upper
43 100
58 32.1 0.0 66.4



#21
2-Butanone
Concen: 5.35 ug/L
RT: 4.581 min Scan# 573
Delta R.T. 0.006 min
Lab File: VX021895.D
Acq: 11 May 2021 13:42

Tgt Ion: 43 Resp: 8194
Ion Ratio Lower Upper
43 100
72 22.9 14.4 43.2

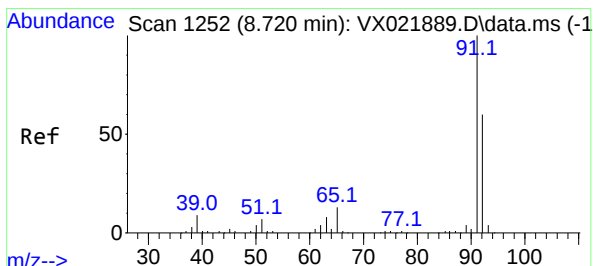
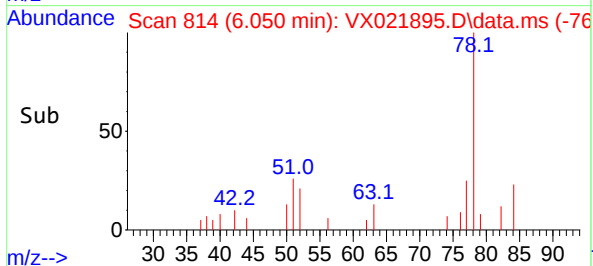
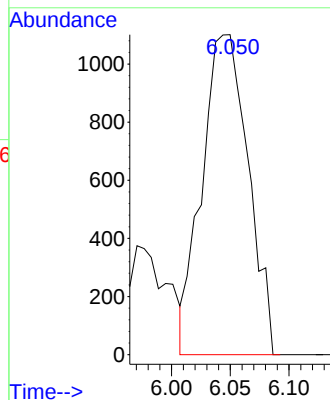
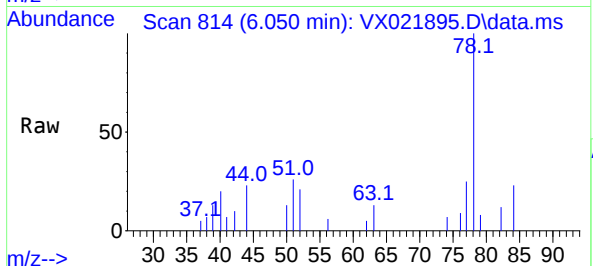




#33
Benzene
Concen: 0.12 ug/L
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX021895.D
Acq: 11 May 2021 13:42

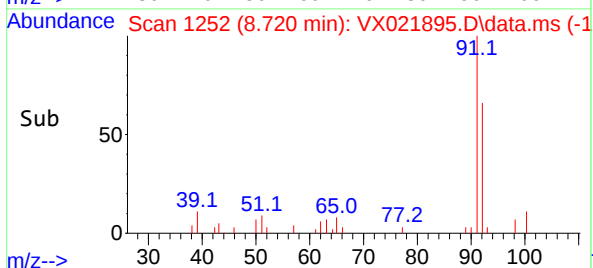
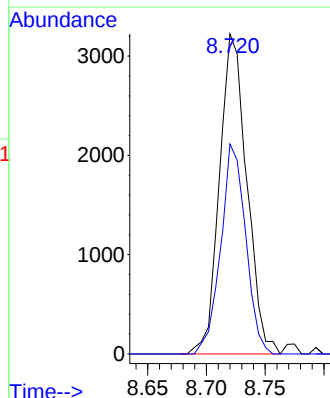
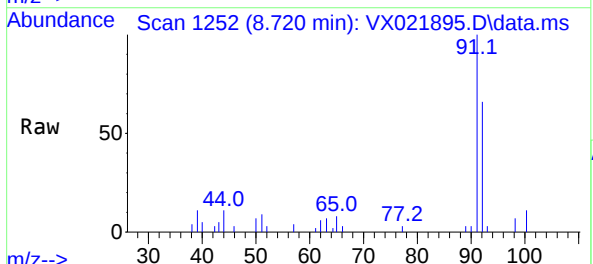
Instrument :
MSVOA_X
ClientSampled :
BG6L3

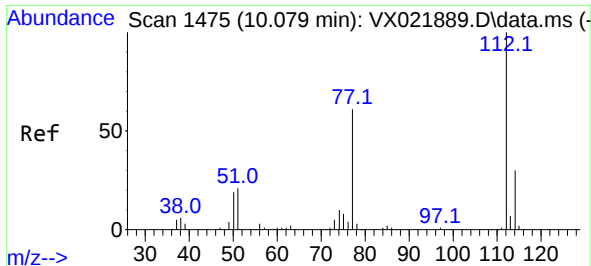
Tgt Ion: 78 Resp: 3012



#42
Toluene
Concen: 0.20 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX021895.D
Acq: 11 May 2021 13:42

Tgt Ion: 91 Resp: 5211
Ion Ratio Lower Upper
91 100
92 65.6 42.1 78.3

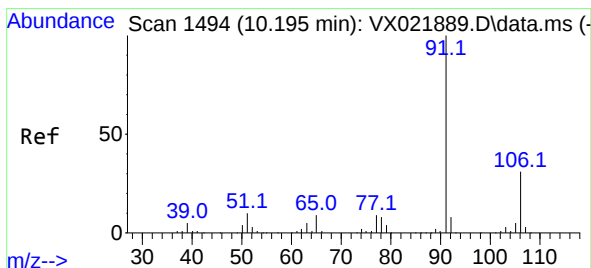
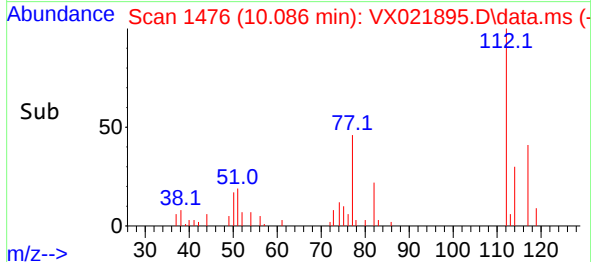
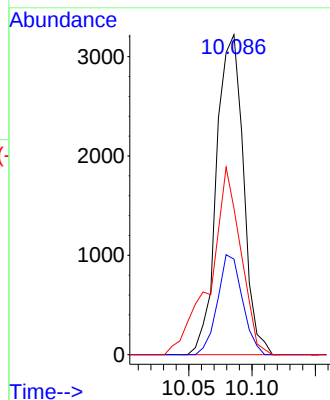
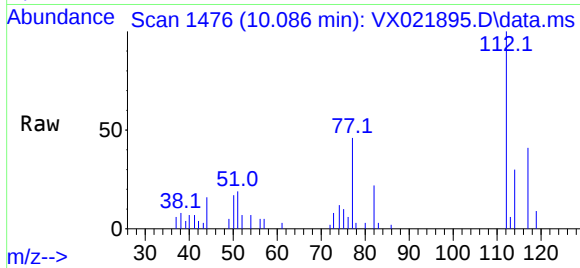




#51
Chlorobenzene
Concen: 0.29 ug/L
RT: 10.086 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX021895.D
Acq: 11 May 2021 13:42

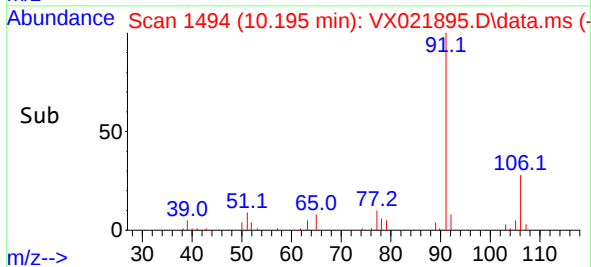
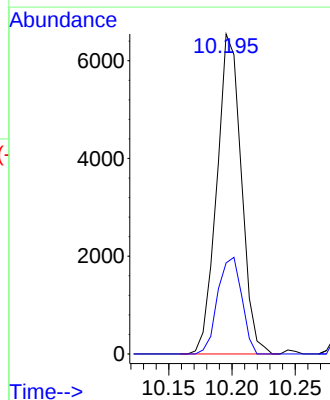
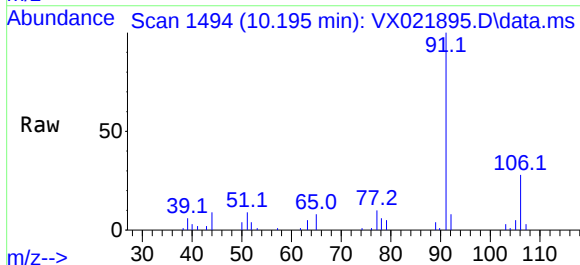
Instrument :
MSVOA_X
ClientSampled :
BG6L3

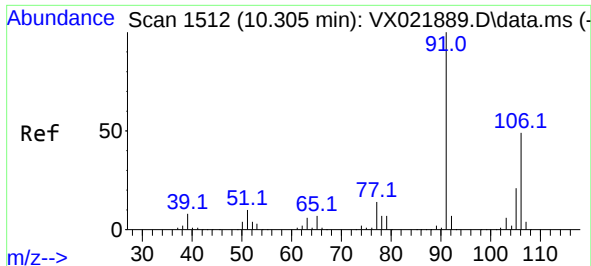
Tgt Ion:112 Resp: 4736
Ion Ratio Lower Upper
112 100
114 29.9 22.4 41.6
77 45.7 46.4 69.6#



#52
Ethylbenzene
Concen: 0.30 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX021895.D
Acq: 11 May 2021 13:42

Tgt Ion: 91 Resp: 8789
Ion Ratio Lower Upper
91 100
106 28.5 21.6 40.0

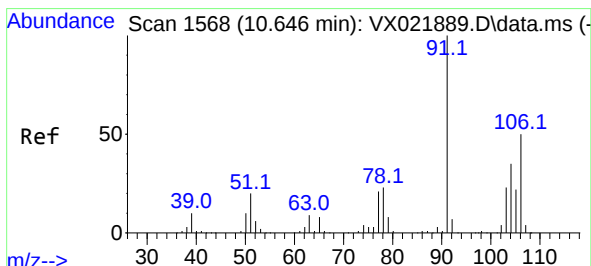
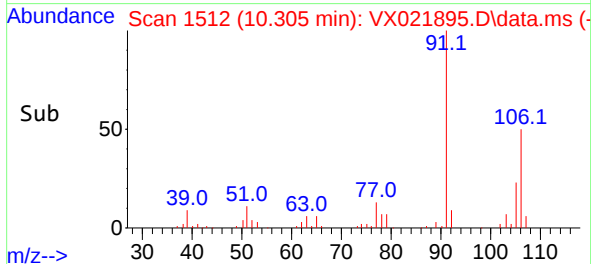
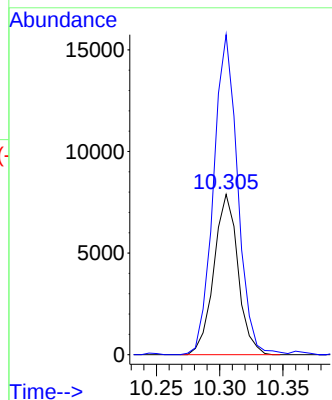
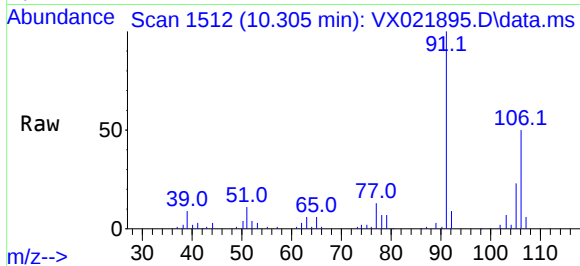




#53
m,p-xylene
Concen: 0.92 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX021895.D
Acq: 11 May 2021 13:42

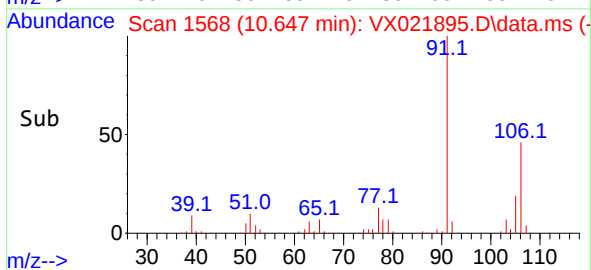
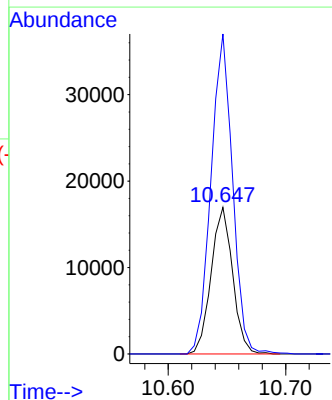
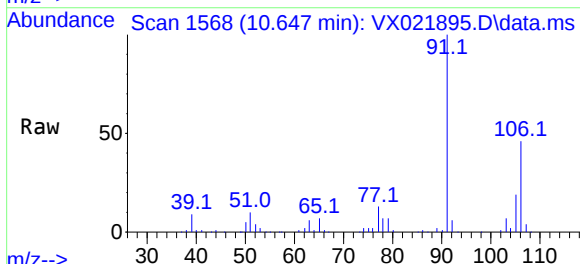
Instrument :
MSVOA_X
ClientSampled :
BG6L3

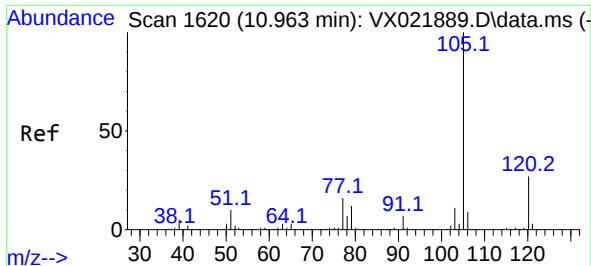
Tgt Ion:106 Resp: 10472
Ion Ratio Lower Upper
106 100
91 199.5 141.7 263.3



#54
o-xylene
Concen: 1.97 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX021895.D
Acq: 11 May 2021 13:42

Tgt Ion:106 Resp: 21625
Ion Ratio Lower Upper
106 100
91 218.3 142.0 263.8

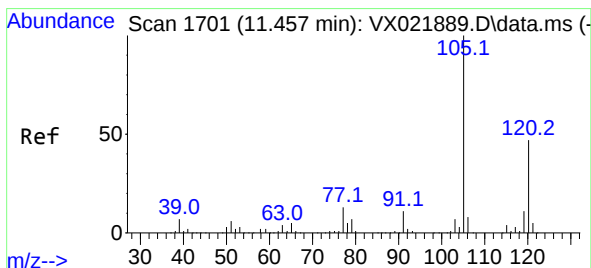
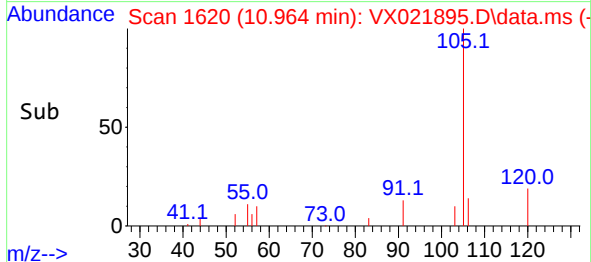
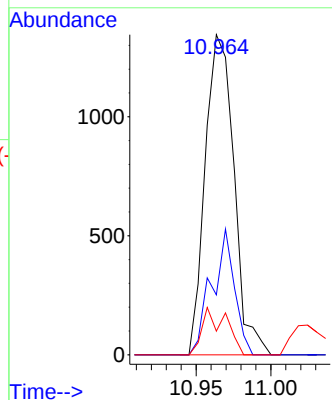
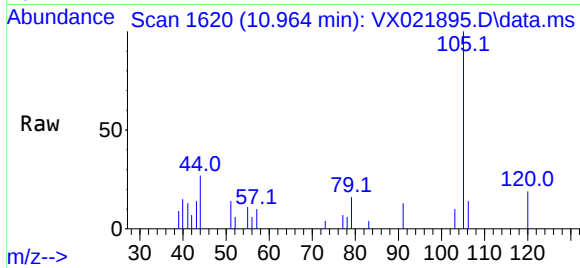




#60
Isopropylbenzene
Concen: 0.06 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX021895.D
Acq: 11 May 2021 13:42

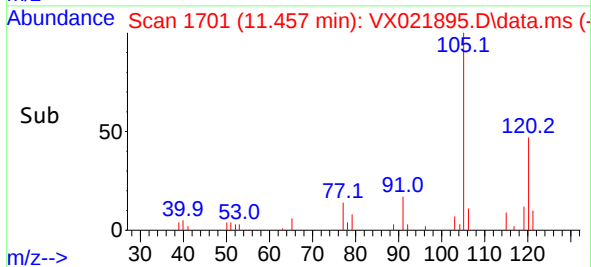
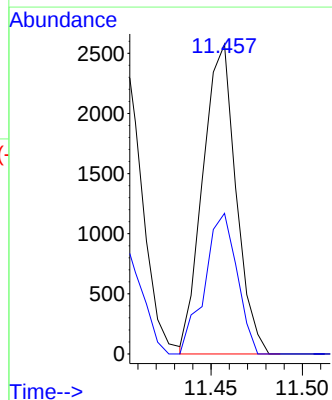
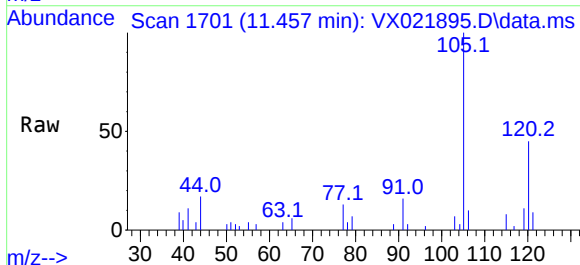
Instrument :
MSVOA_X
ClientSampled :
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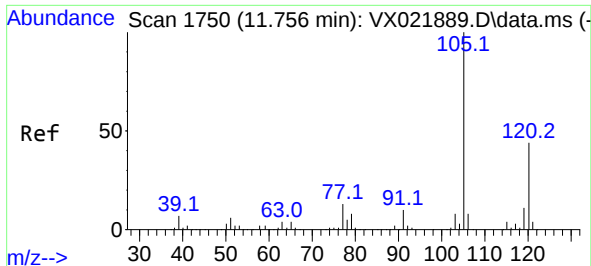
Tgt Ion:105 Resp: 1801
Ion Ratio Lower Upper
105 100
120 31.0 21.0 31.6
77 12.2 12.4 18.6#



#62
1,3,5-Trimethylbenzene
Concen: 0.13 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX021895.D
Acq: 11 May 2021 13:42

Tgt Ion:105 Resp: 3251
Ion Ratio Lower Upper
105 100
120 44.2 38.4 57.6

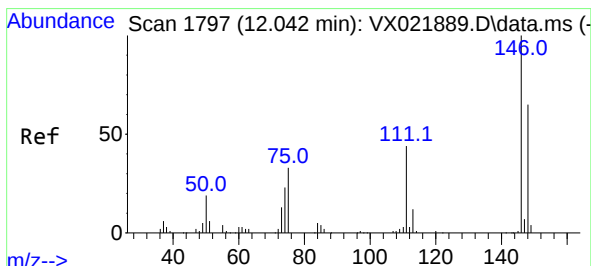
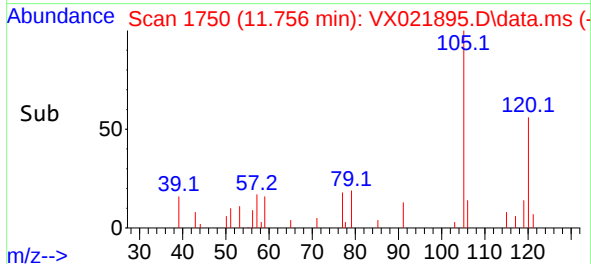
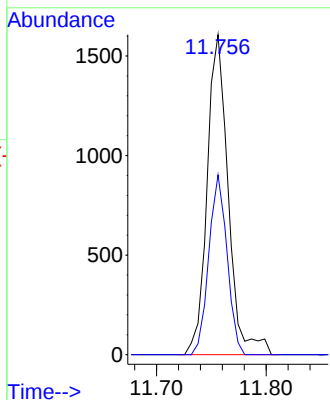
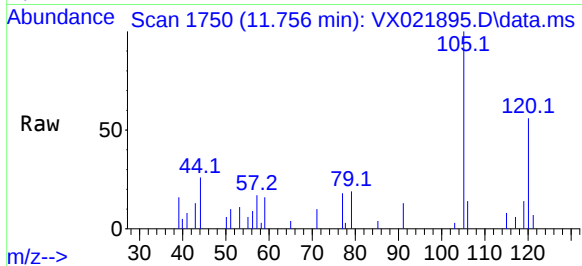




#63
1,2,4-Trimethylbenzene
Concen: 0.09 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX021895.D
Acq: 11 May 2021 13:42

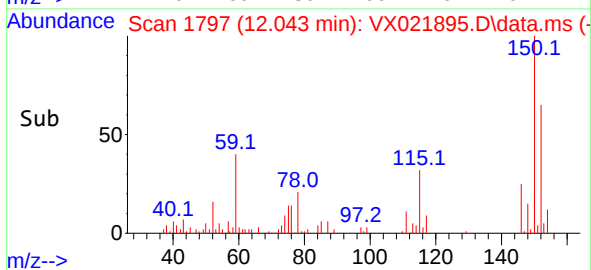
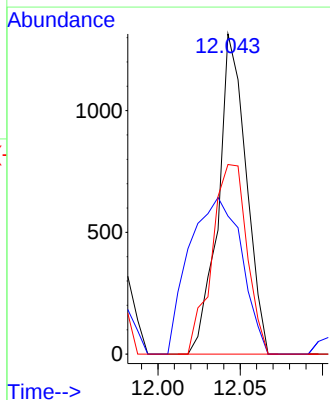
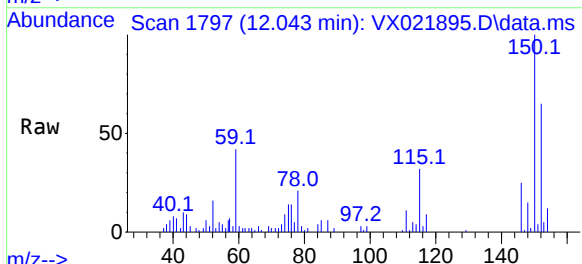
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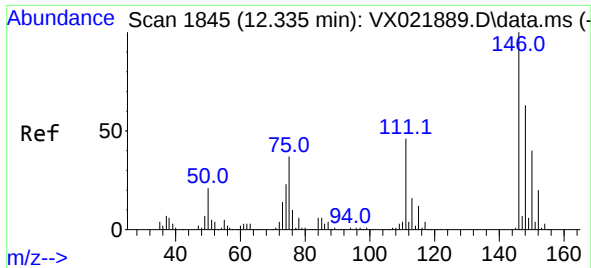
Tgt Ion:105 Resp: 2151
Ion Ratio Lower Upper
105 100
120 48.4 36.4 54.6



#65
1,4-Dichlorobenzene
Concen: 0.13 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX021895.D
Acq: 11 May 2021 13:42

Tgt Ion:146 Resp: 1552
Ion Ratio Lower Upper
146 100
111 43.1 30.4 56.5
148 59.2 43.2 80.2





#67
 1,2-Dichlorobenzene
 Concen: 2.24 ug/L
 RT: 12.341 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: VX021895.D
 Acq: 11 May 2021 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6L3

Tgt Ion:	146	Resp:	24240
Ion	Ratio	Lower	Upper
146	100		
111	44.1	36.2	54.2
148	64.8	49.6	74.4

