

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021891.D
 Acq On : 11 May 2021 12:08
 Operator : JC/MD
 Sample : M2336-01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6K9

Quant Time: May 12 03:38:40 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)

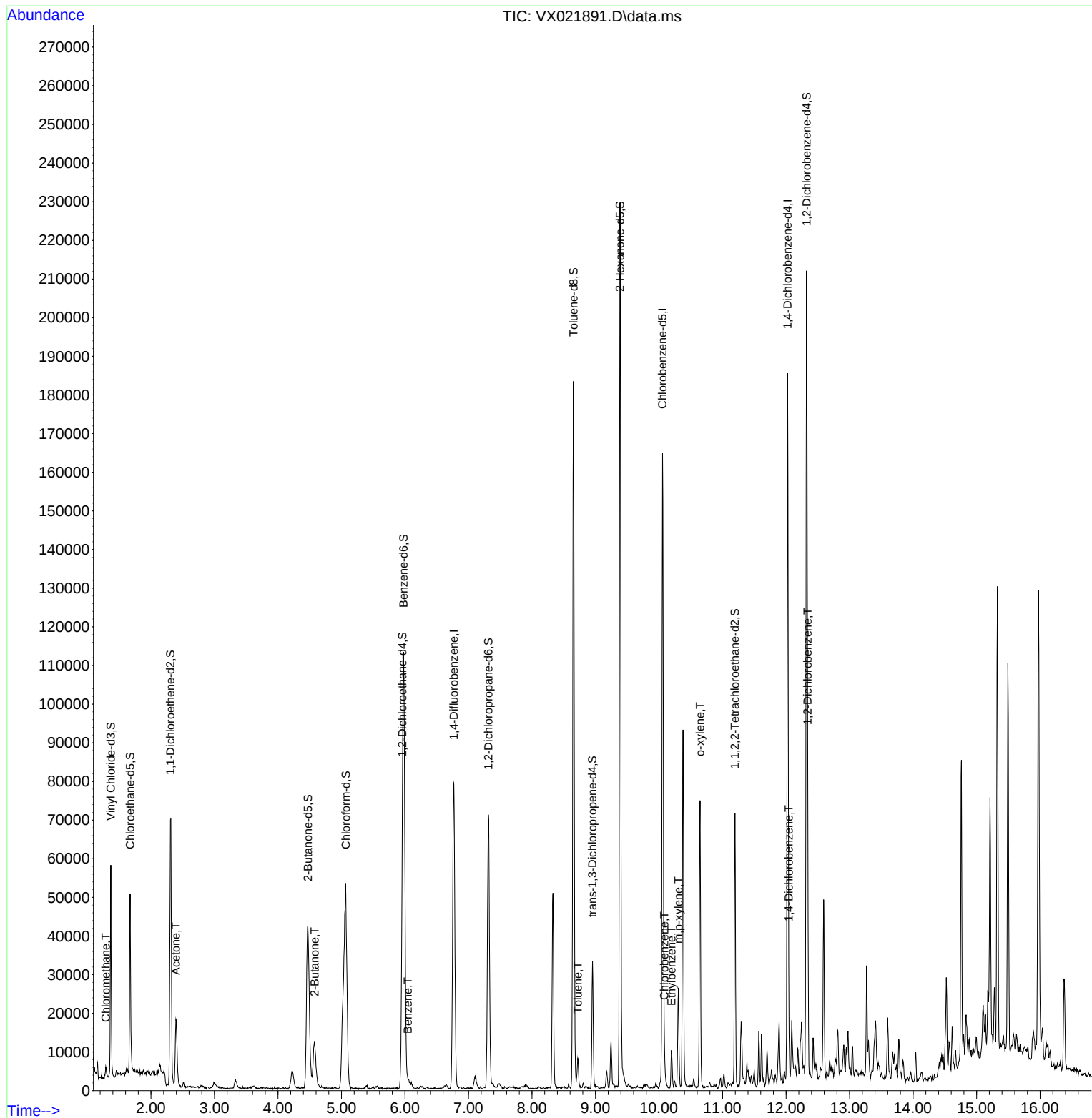
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	83576	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	73506	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	35151	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	31799	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.672	69	26844	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.306	63	38925	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.471	46	78929	48.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.52%
24) Chloroform-d	5.068	84	56205	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.958	65	28819	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.977	84	117774	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	7.312	67	36185	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	8.653	98	106913	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloroprop...	8.952	79	15745	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	9.384	63	69954	48.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.56%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	26681	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
66) 1,2-Dichlorobenzene-d4	12.323	152	34523	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%
Target Compounds						Qvalue
3) Chloromethane	1.288	50	1526	0.20	ug/L	96
13) Acetone	2.392	43	22597	27.01	ug/L	96
21) 2-Butanone	4.574	43	21769	14.13	ug/L	94
33) Benzene	6.044	78	2402	0.09	ug/L	100
42) Toluene	8.720	91	4090	0.15	ug/L	97
51) Chlorobenzene	10.086	112	3485	0.21	ug/L	99
52) Ethylbenzene	10.195	91	5783	0.19	ug/L	100
53) m,p-xylene	10.305	106	6017	0.52	ug/L	95
54) o-xylene	10.646	106	16499	1.47	ug/L	90
65) 1,4-Dichlorobenzene	12.043	146	1484	0.12	ug/L	94
67) 1,2-Dichlorobenzene	12.341	146	20084	1.78	ug/L	94

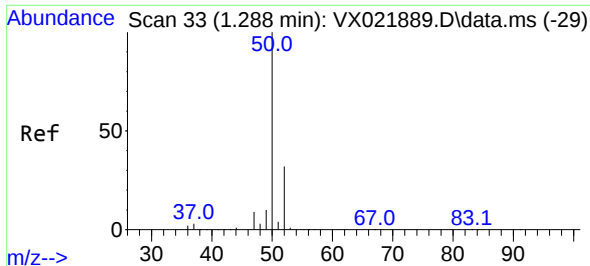
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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BG6K9

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 12 03:37:54 2021
Response via : Initial Calibration

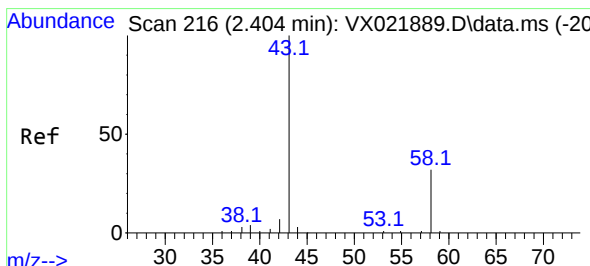
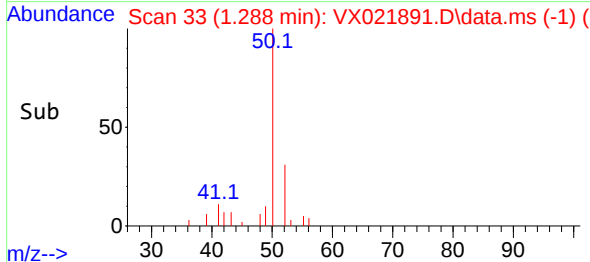
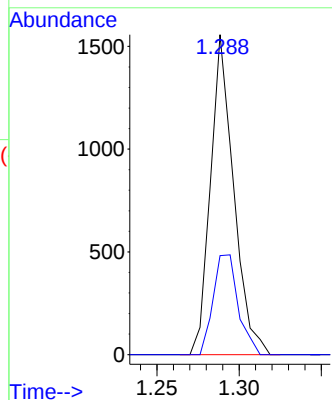
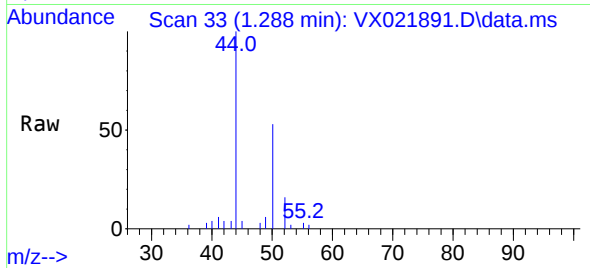




#3
Chloromethane
Concen: 0.20 ug/L
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

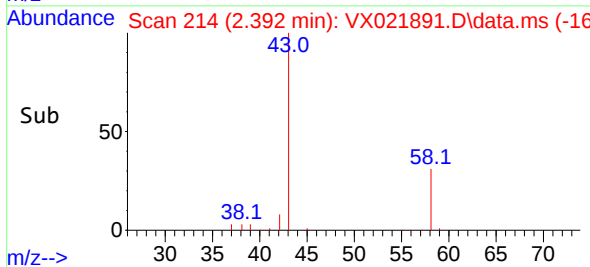
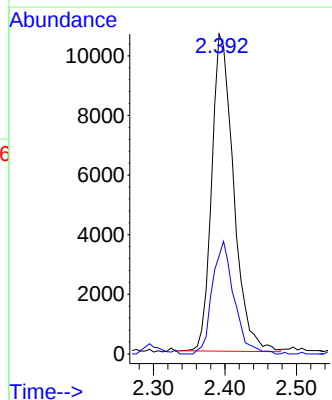
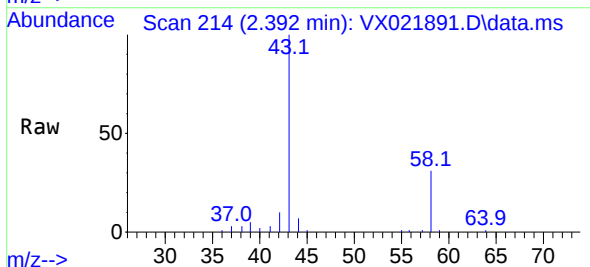
Instrument :
MSVOA_X
ClientSampled :
BG6K9

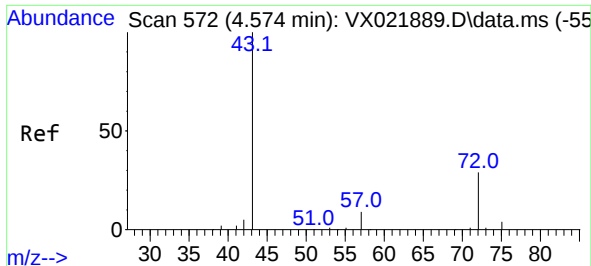
Tgt Ion: 50 Resp: 1526
Ion Ratio Lower Upper
50 100
52 31.0 23.3 43.3



#13
Acetone
Concen: 27.01 ug/L
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

Tgt Ion: 43 Resp: 22597
Ion Ratio Lower Upper
43 100
58 35.3 0.0 66.4

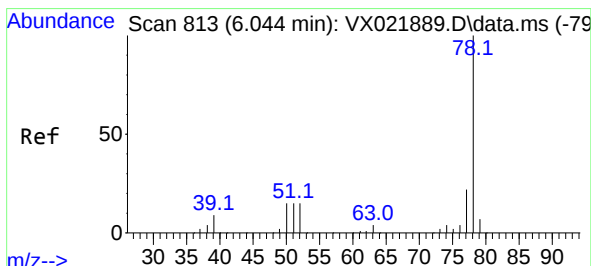
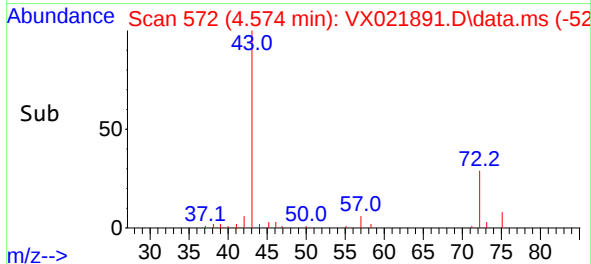
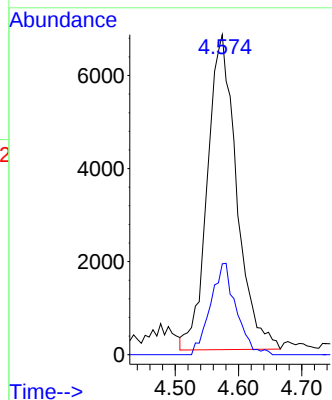
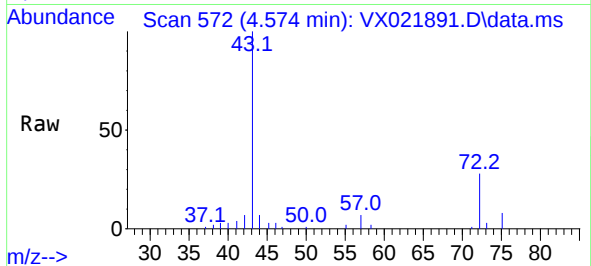




#21
2-Butanone
Concen: 14.13 ug/L
RT: 4.574 min Scan# 572
Delta R.T. 0.000 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

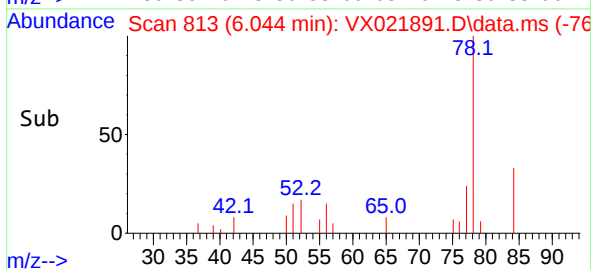
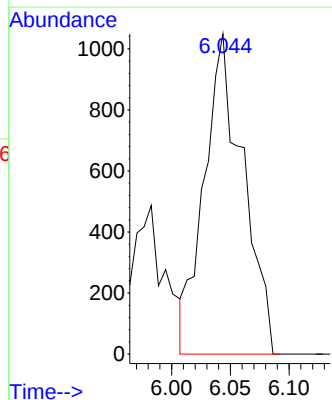
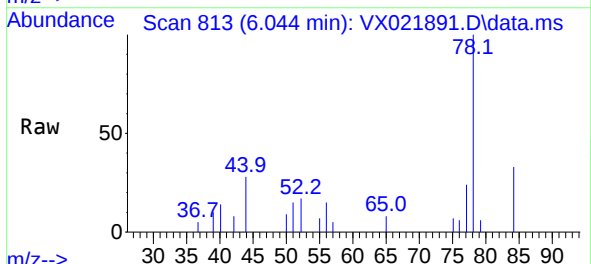
Instrument :
MSVOA_X
ClientSampled :
BG6K9

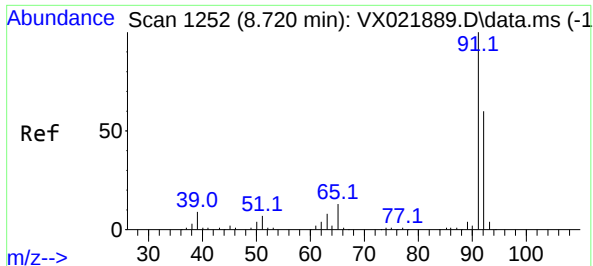
Tgt Ion: 43 Resp: 21769
Ion Ratio Lower Upper
43 100
72 25.5 14.4 43.2



#33
Benzene
Concen: 0.09 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

Tgt Ion: 78 Resp: 2402

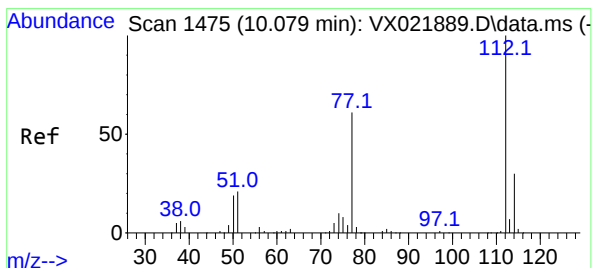
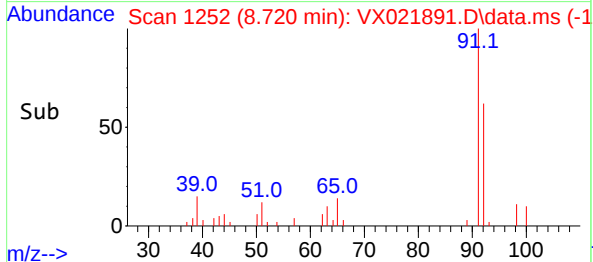
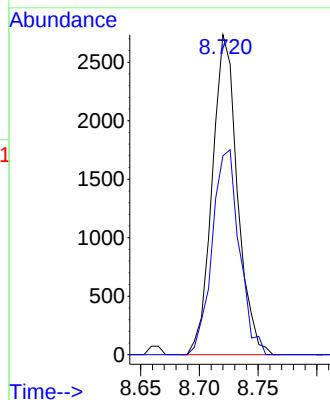
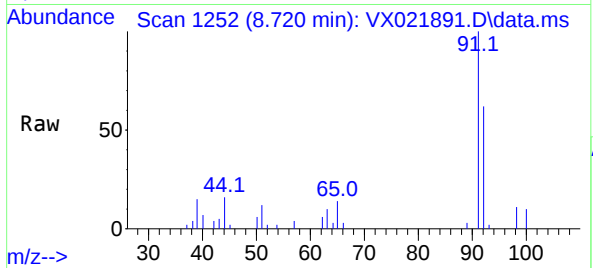




#42
Toluene
Concen: 0.15 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

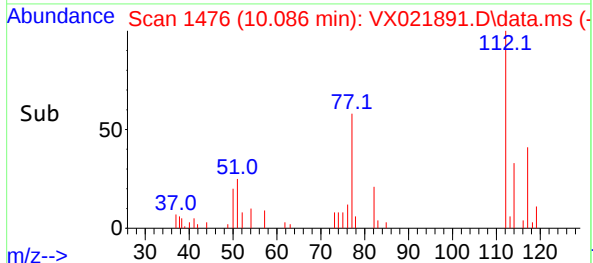
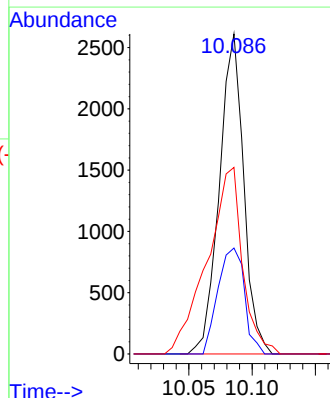
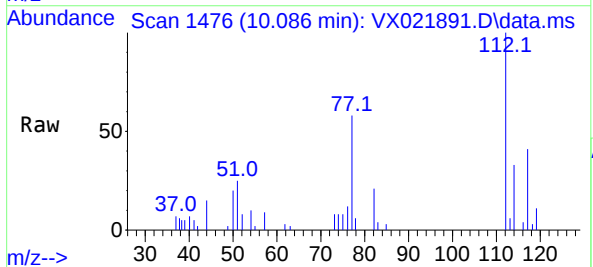
Instrument :
MSVOA_X
ClientSampled :
BG6K9

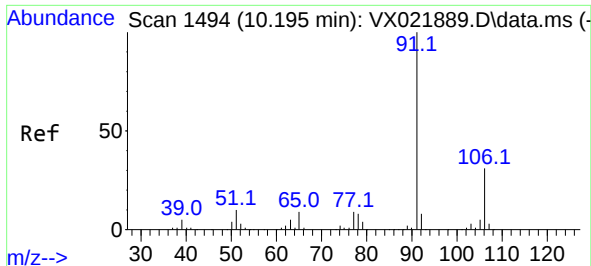
Tgt Ion: 91 Resp: 4090
Ion Ratio Lower Upper
91 100
92 62.1 42.1 78.3



#51
Chlorobenzene
Concen: 0.21 ug/L
RT: 10.086 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

Tgt Ion: 112 Resp: 3485
Ion Ratio Lower Upper
112 100
114 33.1 22.4 41.6
77 58.3 46.4 69.6

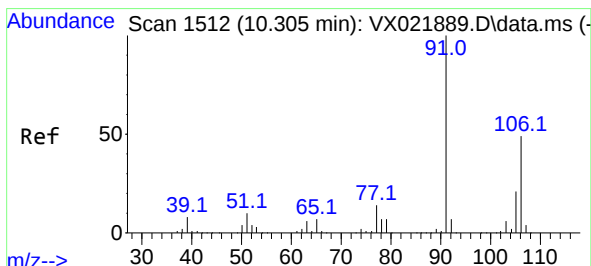
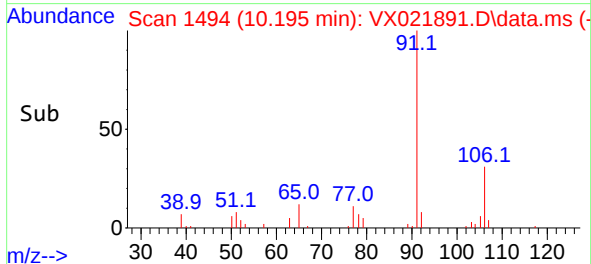
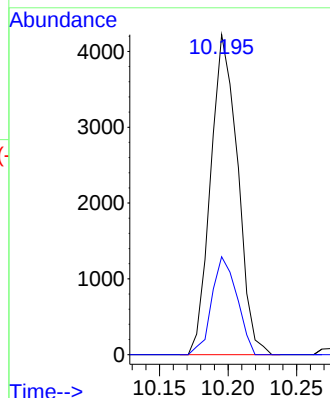
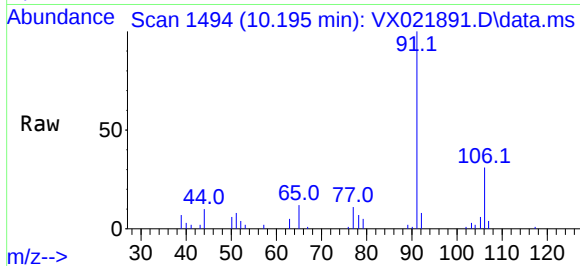




#52
Ethylbenzene
Concen: 0.19 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

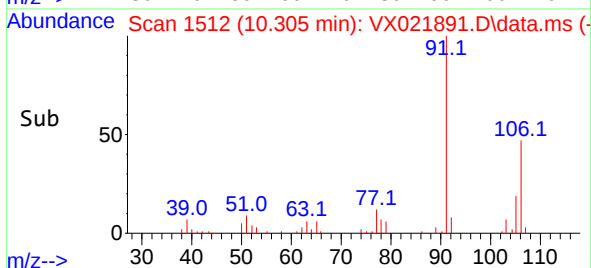
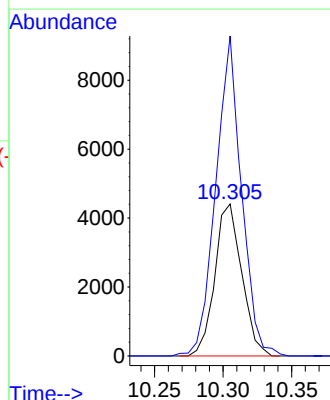
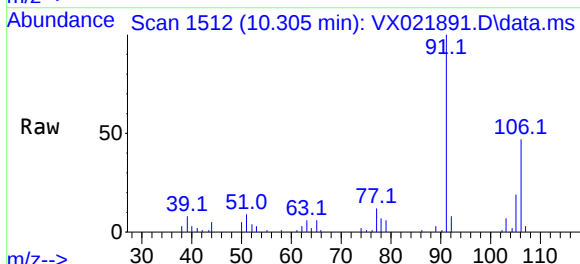
Instrument :
MSVOA_X
ClientSampled :
BG6K9

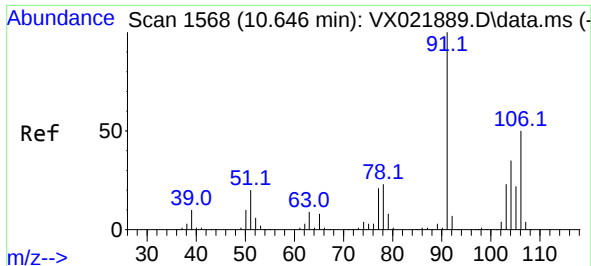
Tgt Ion: 91 Resp: 5783
Ion Ratio Lower Upper
91 100
106 30.6 21.6 40.0



#53
m,p-xylene
Concen: 0.52 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

Tgt Ion: 106 Resp: 6017
Ion Ratio Lower Upper
106 100
91 210.6 141.7 263.3

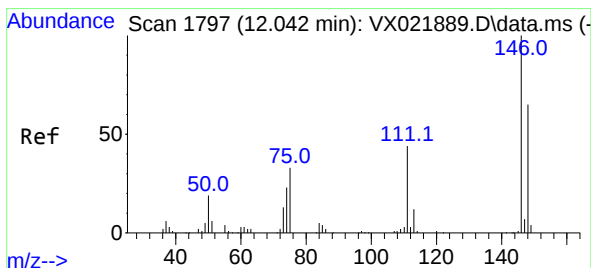
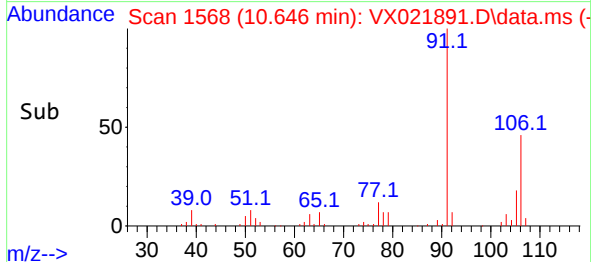
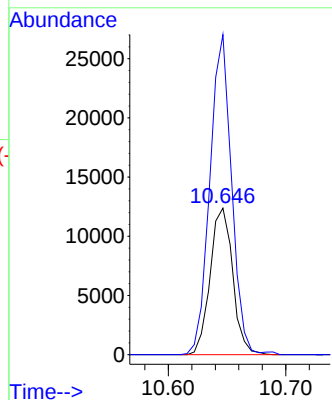
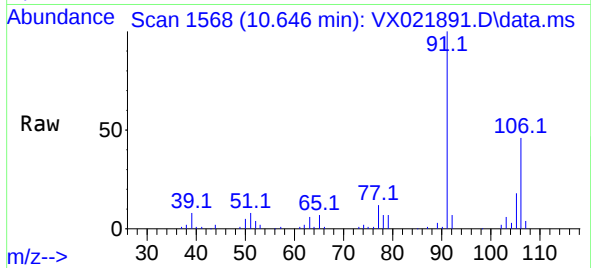




#54
o-xylene
Concen: 1.47 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

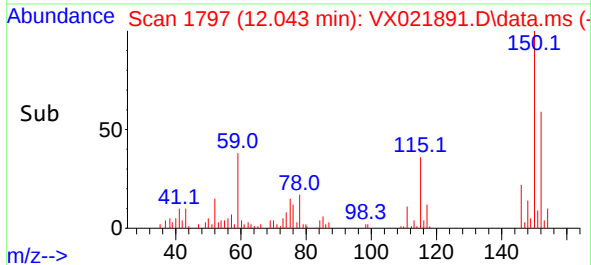
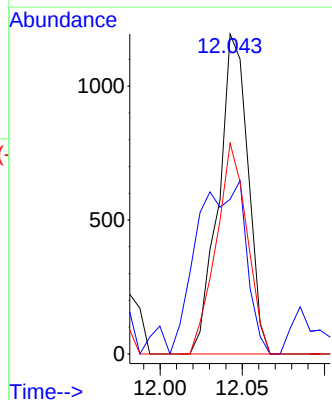
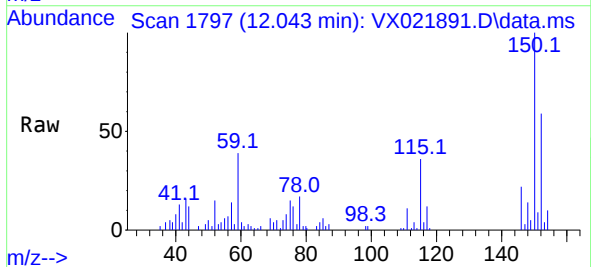
Instrument :
MSVOA_X
ClientSampled :
BG6K9

Tgt Ion:106 Resp: 16499
Ion Ratio Lower Upper
106 100
91 218.4 142.0 263.8

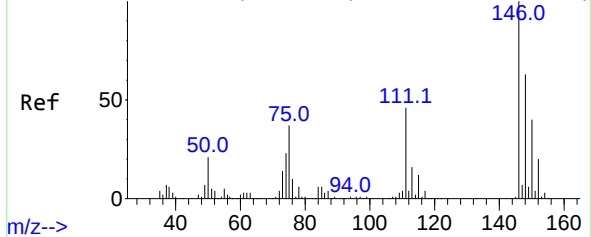


#65
1,4-Dichlorobenzene
Concen: 0.12 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

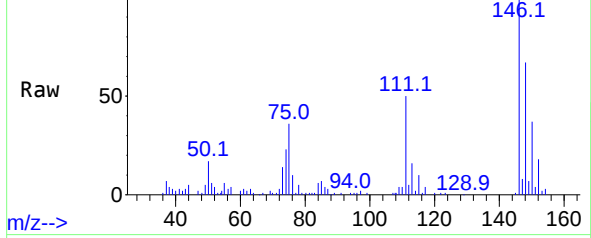
Tgt Ion:146 Resp: 1484
Ion Ratio Lower Upper
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111 48.4 30.4 56.5
148 65.9 43.2 80.2



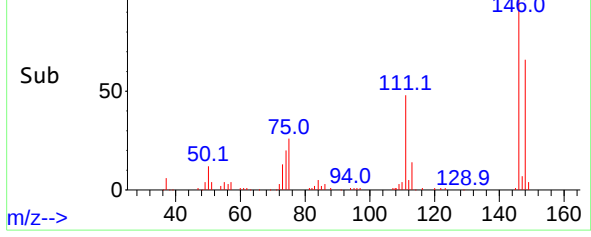
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m/z--> Scan 1846 (12.341 min): VX021891.D\data.ms (-



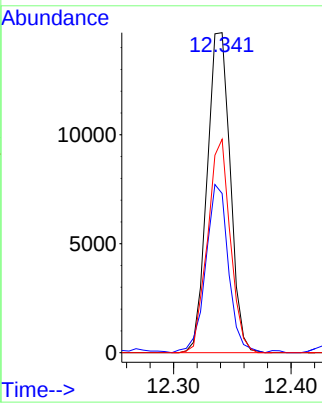
Abundance Scan 1846 (12.341 min): VX021891.D\data.ms (-



m/z-->

#67
1,2-Dichlorobenzene
Concen: 1.78 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

Tgt Ion:	146	Resp:	20084
Ion	Ratio	Lower	Upper
146	100		
111	49.7	36.2	54.2
148	66.7	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
BG6K9