

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081921\
 Data File : VX023838.D
 Acq On : 19 Aug 2021 13:03
 Operator : JC/MD
 Sample : VX0819WBL01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 20 06:33:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR081921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 19 11:43:07 2021
 Response via : Initial Calibration

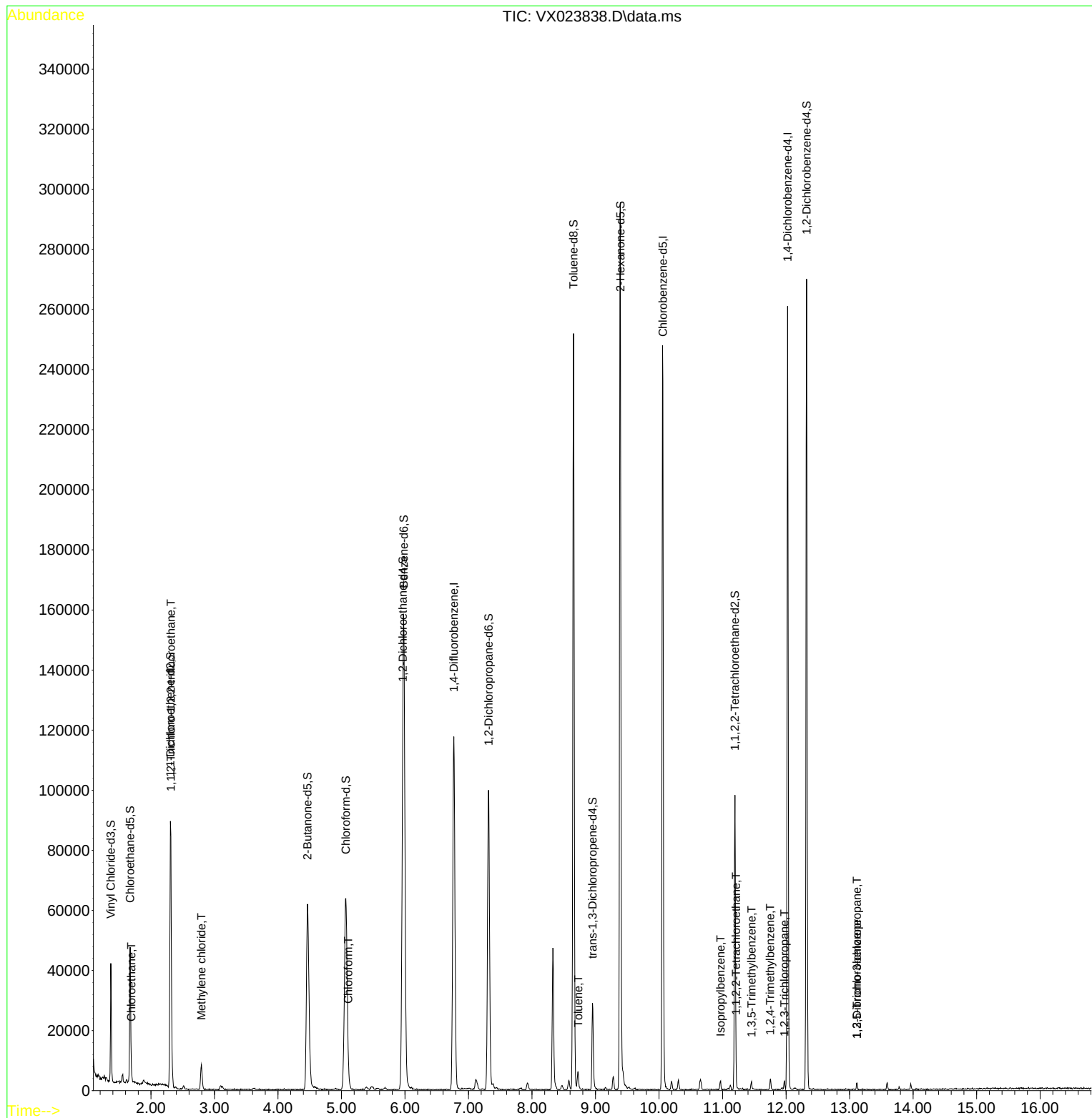
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	118918	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	109699	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	53910	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	22662	4.877	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.600%	
7) Chloroethane-d5	1.672	69	29565	5.190	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.800%	
11) 1,1-Dichloroethene-d2	2.307	63	50793	3.648	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.000%	
20) 2-Butanone-d5	4.465	46	105564	56.028	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.060%	
24) Chloroform-d	5.068	84	79572	4.975	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
26) 1,2-Dichloroethane-d4	5.964	65	43844	5.073	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.983	84	159483	5.233	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.600%	
36) 1,2-Dichloropropane-d6	7.318	67	49670	5.221	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.400%	
41) Toluene-d8	8.653	98	145841	5.034	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
43) trans-1,3-Dichloroprop...	8.952	79	13002	4.911	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.200%	
46) 2-Hexanone-d5	9.391	63	83500	57.192	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.380%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	35209	5.172	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.400%	
66) 1,2-Dichlorobenzene-d4	12.323	152	52409	5.177	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.600%	
Target Compounds						
8) Chloroethane	1.691	64	542	0.091	ug/L #	61
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	999	0.120	ug/L #	56
16) Methylene chloride	2.794	84	3608	0.347	ug/L	97
25) Chloroform	5.105	83	2855	0.183	ug/L	87
42) Toluene	8.726	91	3879	0.110	ug/L	92
57) 1,1,2,2-Tetrachloroethane	11.213	83	444	0.070	ug/L #	82
60) Isopropylbenzene	10.970	105	1720	0.048	ug/L #	91
61) 1,2,3-Trichloropropane	11.976	75	290	0.066	ug/L #	44
62) 1,3,5-Trimethylbenzene	11.457	105	1323	0.045	ug/L	91
63) 1,2,4-Trimethylbenzene	11.750	105	1627	0.054	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.116	75	99	0.114	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.116	180	638	0.050	ug/L #	95

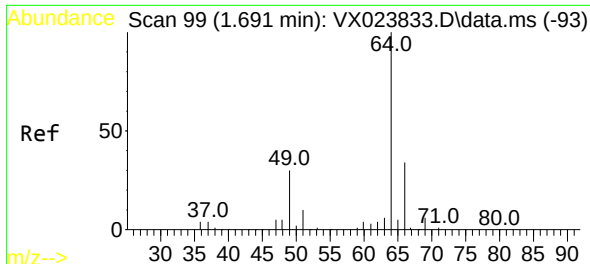
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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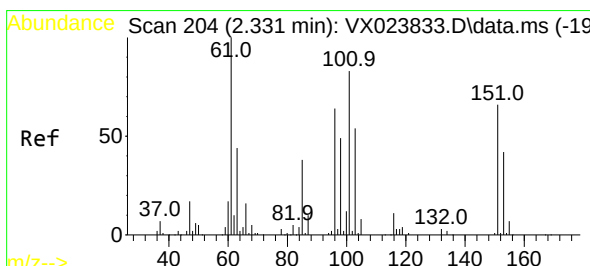
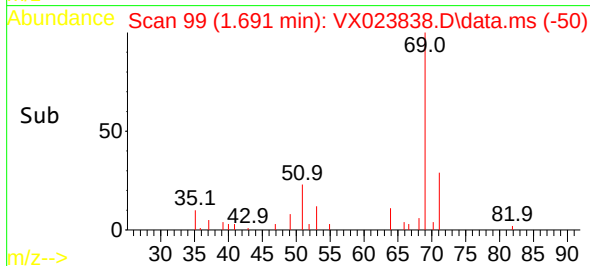
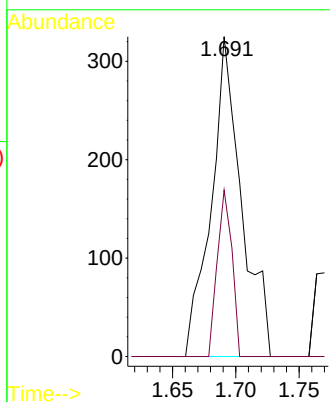
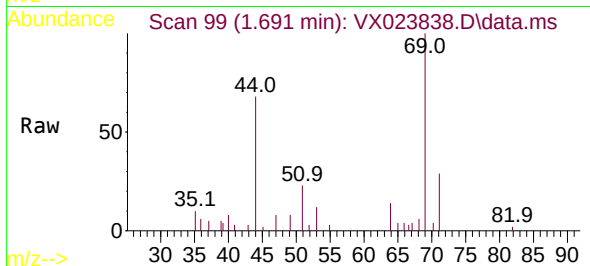




#8
Chloroethane
Concen: 0.091 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX023838.D
Acq: 19 Aug 2021 13:03

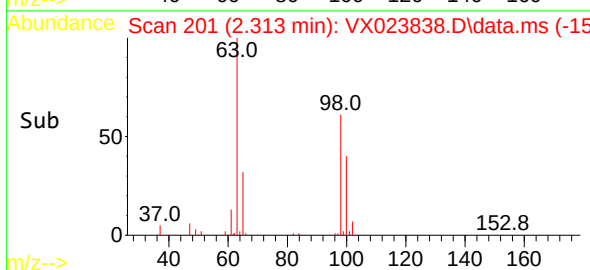
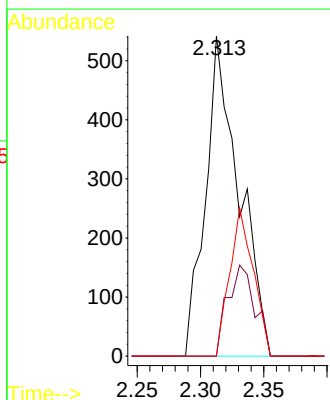
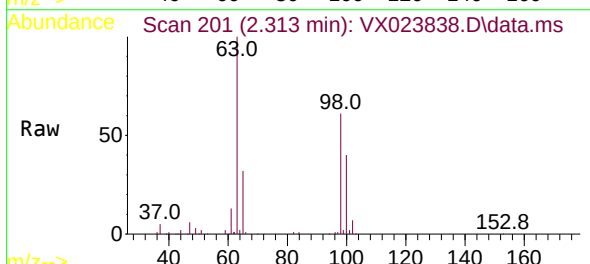
Instrument :
MSVOA_X
ClientSampled :

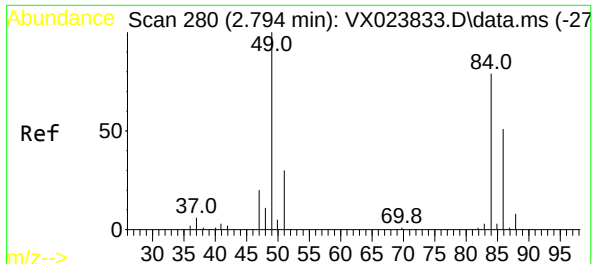
Tgt Ion: 64 Resp: 542
Ion Ratio Lower Upper
64 100
66 52.0 21.4 39.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.120 ug/L
RT: 2.313 min Scan# 201
Delta R.T. -0.018 min
Lab File: VX023838.D
Acq: 19 Aug 2021 13:03

Tgt Ion: 101 Resp: 999
Ion Ratio Lower Upper
101 100
85 23.1 34.9 52.3#
151 32.6 61.0 91.6#





#16

Methylene chloride

Concen: 0.347 ug/L

RT: 2.794 min Scan# 280

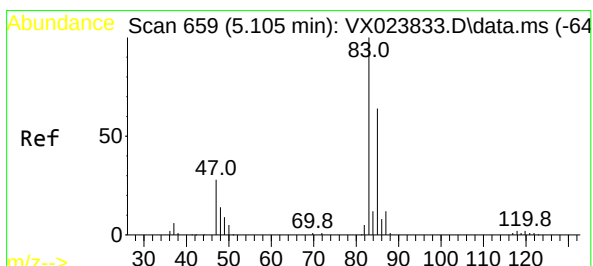
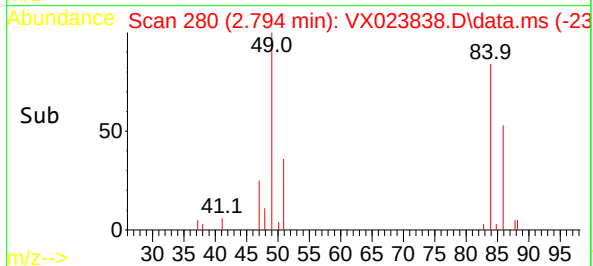
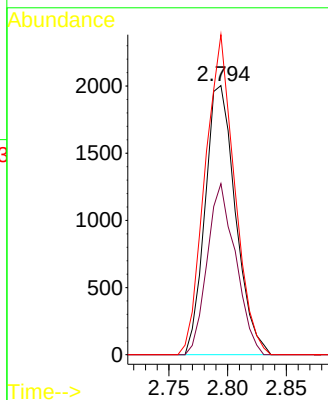
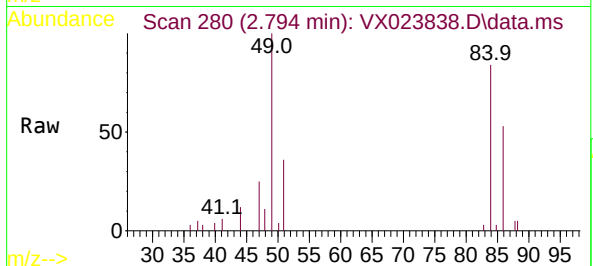
Delta R.T. 0.000 min

Lab File: VX023838.D

Acq: 19 Aug 2021 13:03

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	84	Resp:	3608
Ion	Ratio	Lower	Upper
84	100		
86	63.6	44.6	82.8
49	118.9	79.5	147.6



#25

Chloroform

Concen: 0.183 ug/L

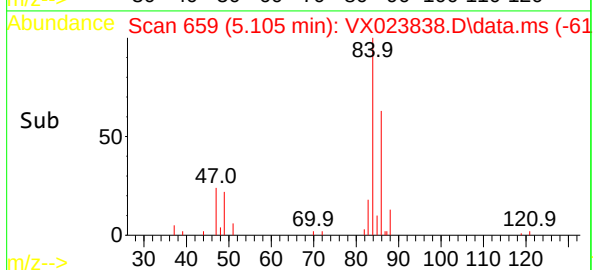
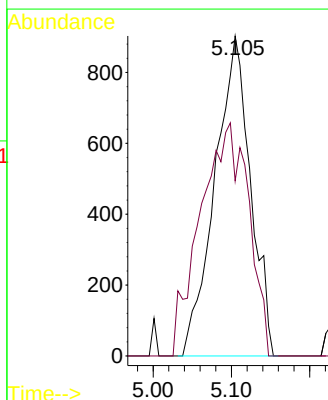
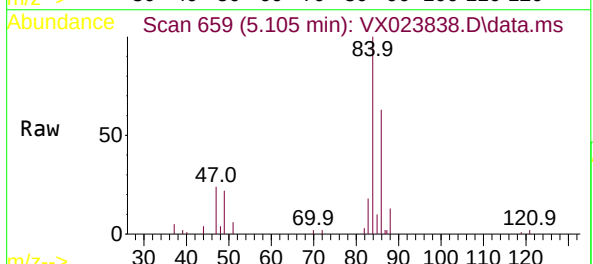
RT: 5.105 min Scan# 659

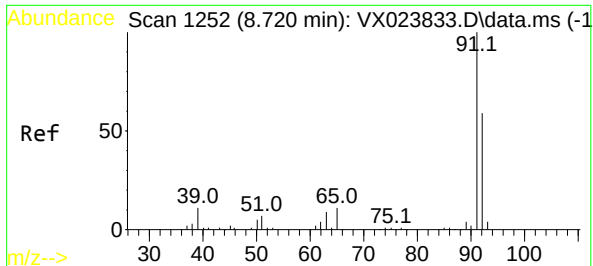
Delta R.T. 0.000 min

Lab File: VX023838.D

Acq: 19 Aug 2021 13:03

Tgt Ion:	83	Resp:	2855
Ion	Ratio	Lower	Upper
83	100		
85	54.7	45.6	84.8

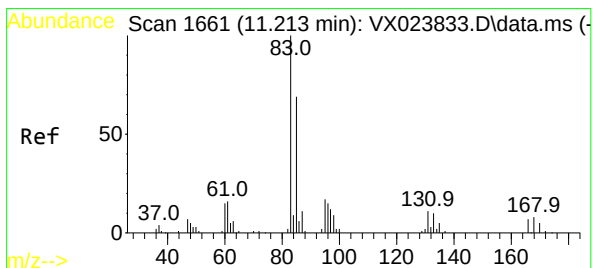
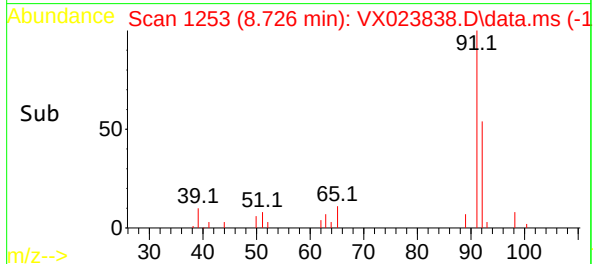
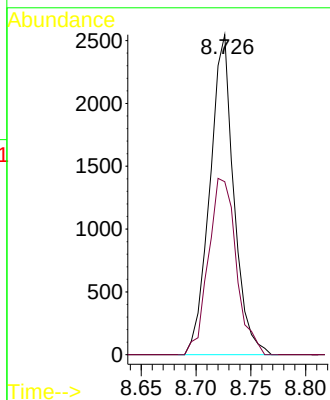
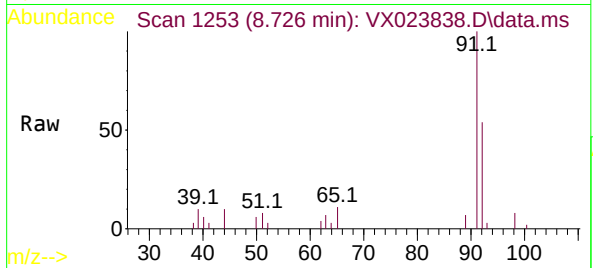




#42
Toluene
Concen: 0.110 ug/L
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX023838.D
Acq: 19 Aug 2021 13:03

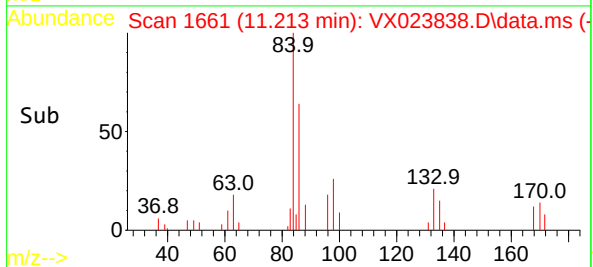
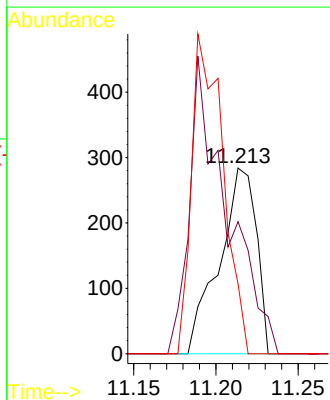
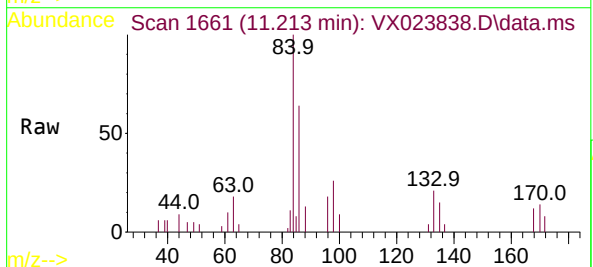
Instrument :
MSVOA_X
ClientSampled :

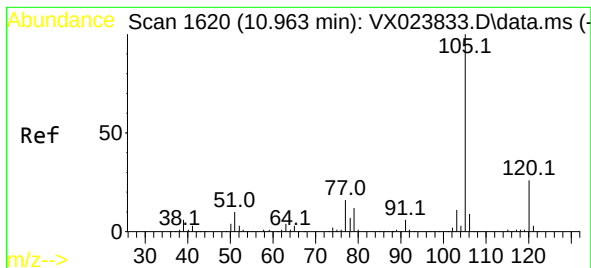
Tgt Ion: 91 Resp: 3879
Ion Ratio Lower Upper
91 100
92 54.1 42.1 78.1



#57
1,1,2,2-Tetrachloroethane
Concen: 0.070 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX023838.D
Acq: 19 Aug 2021 13:03

Tgt Ion: 83 Resp: 444
Ion Ratio Lower Upper
83 100
85 71.1 44.6 82.8
131 37.7 8.2 12.2#

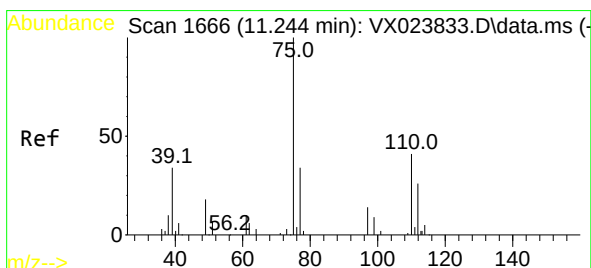
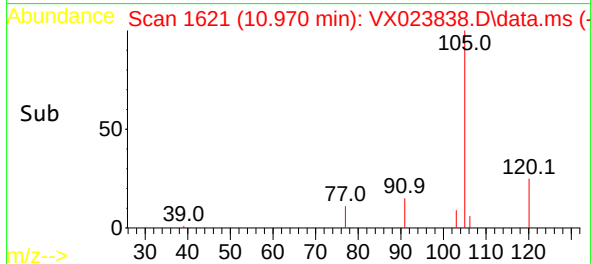
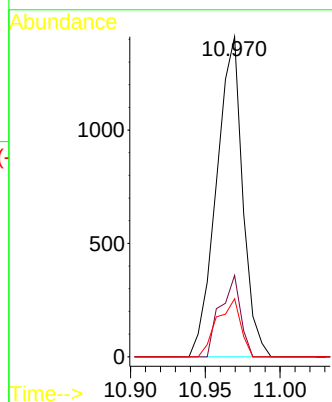
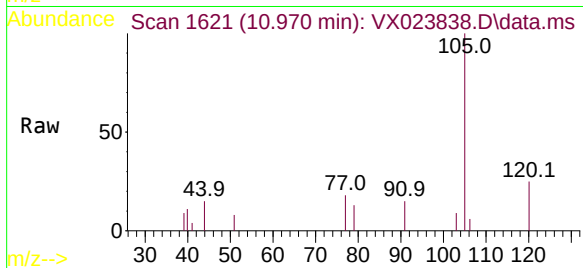




#60
Isopropylbenzene
Concen: 0.048 ug/L
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX023838.D
Acq: 19 Aug 2021 13:03

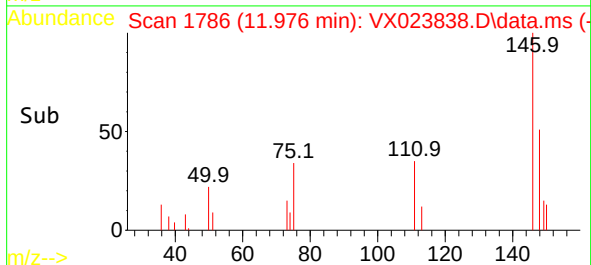
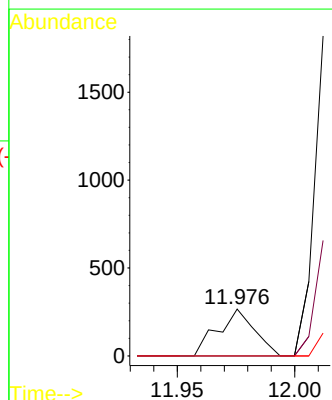
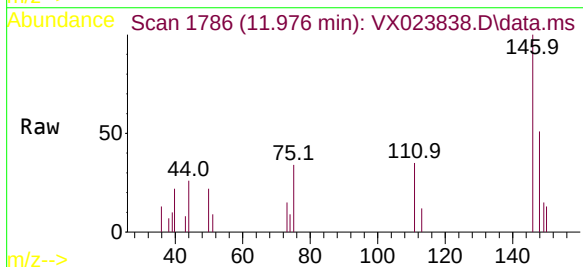
Instrument :
MSVOA_X
ClientSampled :

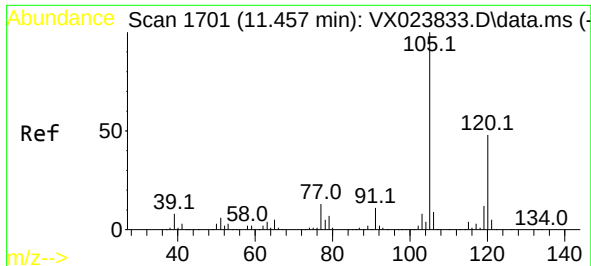
Tgt Ion:105 Resp: 1720
Ion Ratio Lower Upper
105 100
120 19.6 21.1 31.7#
77 16.2 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 0.066 ug/L
RT: 11.976 min Scan# 1786
Delta R.T. 0.732 min
Lab File: VX023838.D
Acq: 19 Aug 2021 13:03

Tgt Ion: 75 Resp: 290
Ion Ratio Lower Upper
75 100
77 59.0 26.3 39.5#
110 0.0 32.1 48.1#

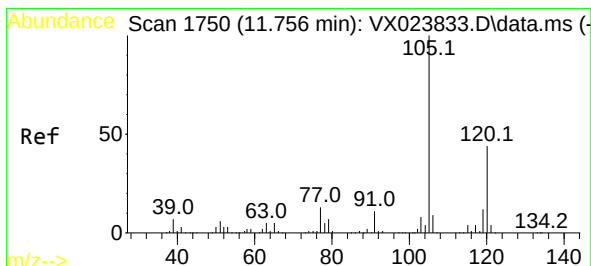
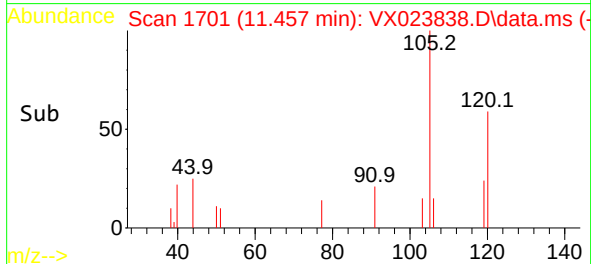
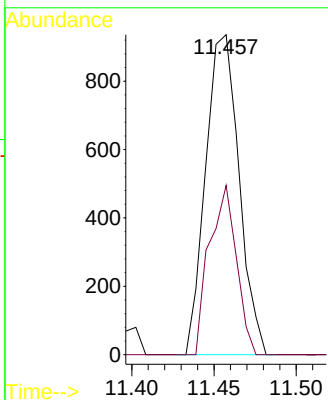
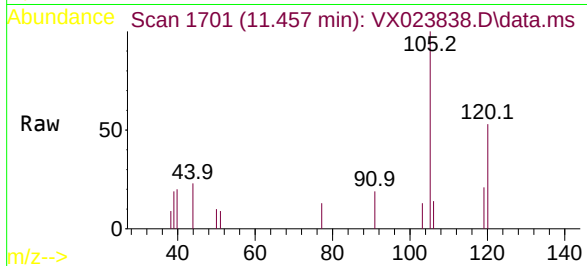




#62
1,3,5-Trimethylbenzene
Concen: 0.045 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023838.D
Acq: 19 Aug 2021 13:03

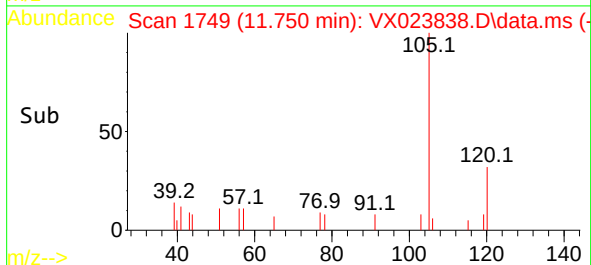
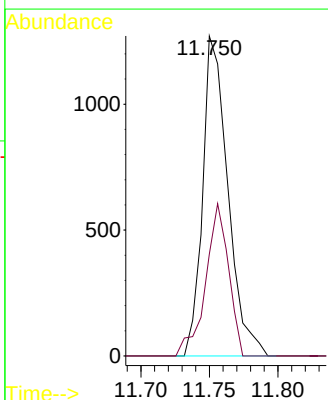
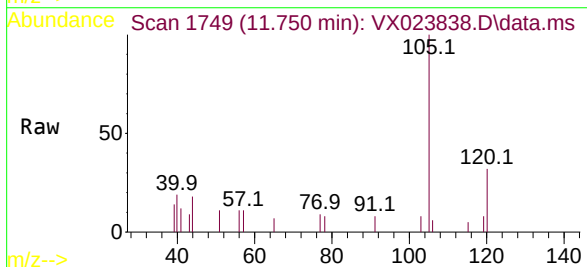
Instrument :
MSVOA_X
ClientSampled :

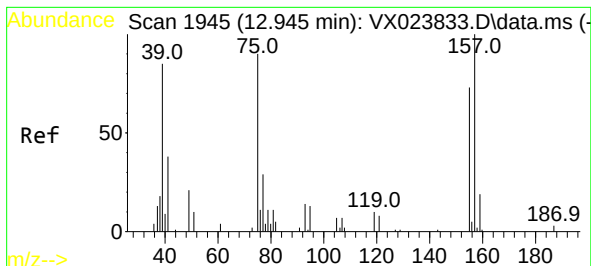
Tgt Ion:105 Resp: 1323
Ion Ratio Lower Upper
105 100
120 42.6 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 0.054 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX023838.D
Acq: 19 Aug 2021 13:03

Tgt Ion:105 Resp: 1627
Ion Ratio Lower Upper
105 100
120 43.0 36.5 54.7

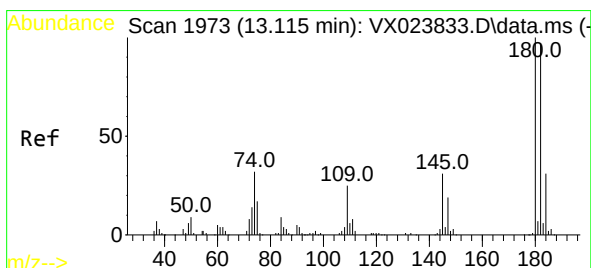
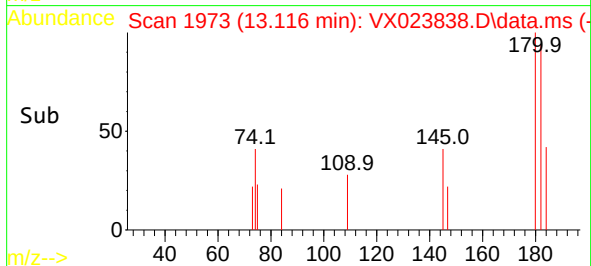
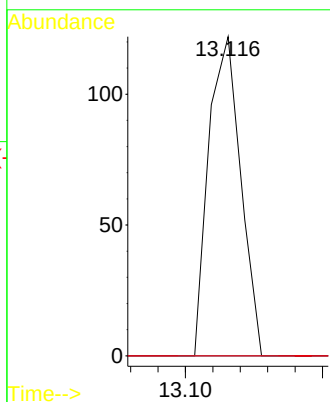
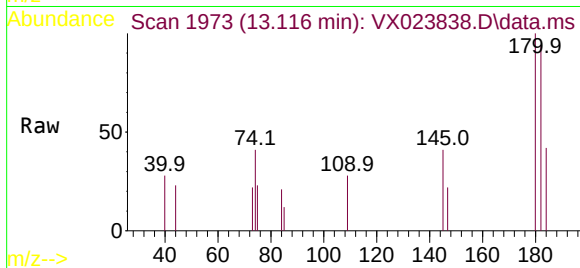




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.114 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.171 min
 Lab File: VX023838.D
 Acq: 19 Aug 2021 13:03

Instrument :
 MSVOA_X
 ClientSampled :

Tgt Ion: 75 Resp: 99
 Ion Ratio Lower Upper
 75 100
 155 0.0 69.8 104.8#
 157 0.0 90.0 135.0#



#69
 1,3,5-Trichlorobenzene
 Concen: 0.050 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX023838.D
 Acq: 19 Aug 2021 13:03

Tgt Ion:180 Resp: 638
 Ion Ratio Lower Upper
 180 100
 182 97.5 77.0 115.4
 184 41.5 24.6 36.8#
 145 29.6 23.6 35.4

