

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020821\
 Data File : VX020881.D
 Acq On : 08 Feb 2021 13:43
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Feb 08 17:11:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 08 17:06:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.830	114	492945	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.098	117	468881	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	195524	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	148484	51.16	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	102.32%	
7) Chloroethane-d5	1.691	69	129491	52.74	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	105.48%	
11) 1,1-Dichloroethene-d2	2.343	63	224331	39.80	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	79.60%	
21) 2-Butanone-d5	4.532	46	211601	105.14	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	105.14%	
24) Chloroform-d	5.135	84	311935	48.99	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.98%	
26) 1,2-Dichloroethane-d4	6.031	65	209400	50.77	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.54%	
32) Benzene-d6	6.050	84	659958	52.91	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	105.82%	
36) 1,2-Dichloropropane-d6	7.366	67	203887	52.87	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	105.74%	
41) Toluene-d8	8.695	98	580010	50.82	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.64%	
43) trans-1,3-Dichloroprop...	8.994	79	98583	51.64	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	103.28%	
47) 2-Hexanone-d5	9.427	63	167599	110.45	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	110.45%	
56) 1,1,2,2-Tetrachloroeth...	11.232	84	276746	52.71	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	105.42%	
66) 1,2-Dichlorobenzene-d4	12.359	152	217608	56.40	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	112.80%	
Target Compounds						
5) Vinyl chloride	1.392	62	2818	0.83	ug/L	Qvalue # 38
6) Bromomethane	1.624	94	2462	1.29	ug/L	86
14) Carbon disulfide	2.550	76	19717	2.33	ug/L	96
16) Methylene chloride	2.831	84	2649	0.74	ug/L	92
17) trans-1,2-Dichloroethene	3.148	96	3833	1.22	ug/L	78
20) cis-1,2-Dichloroethene	4.556	96	2610	0.73	ug/L	79
25) Chloroform	5.178	83	23538	3.56	ug/L	93
34) Trichloroethene	7.184	95	3274	0.94	ug/L	93
46) Tetrachloroethene	9.317	164	2559	0.95	ug/L	93
64) 1,3-Dichlorobenzene	12.012	146	6459	1.08	ug/L	97
65) 1,4-Dichlorobenzene	12.079	146	8278	1.35	ug/L	98
67) 1,2-Dichlorobenzene	12.372	146	6233	1.03	ug/L	95
69) 1,3,5-Trichlorobenzene	13.152	180	6840	1.67	ug/L	96
70) 1,2,4-trichlorobenzene	13.627	180	6675	1.91	ug/L	96
71) Naphthalene	13.816	128	13898	1.25	ug/L	99
72) 1,2,3-Trichlorobenzene	13.999	180	6515	1.79	ug/L	97

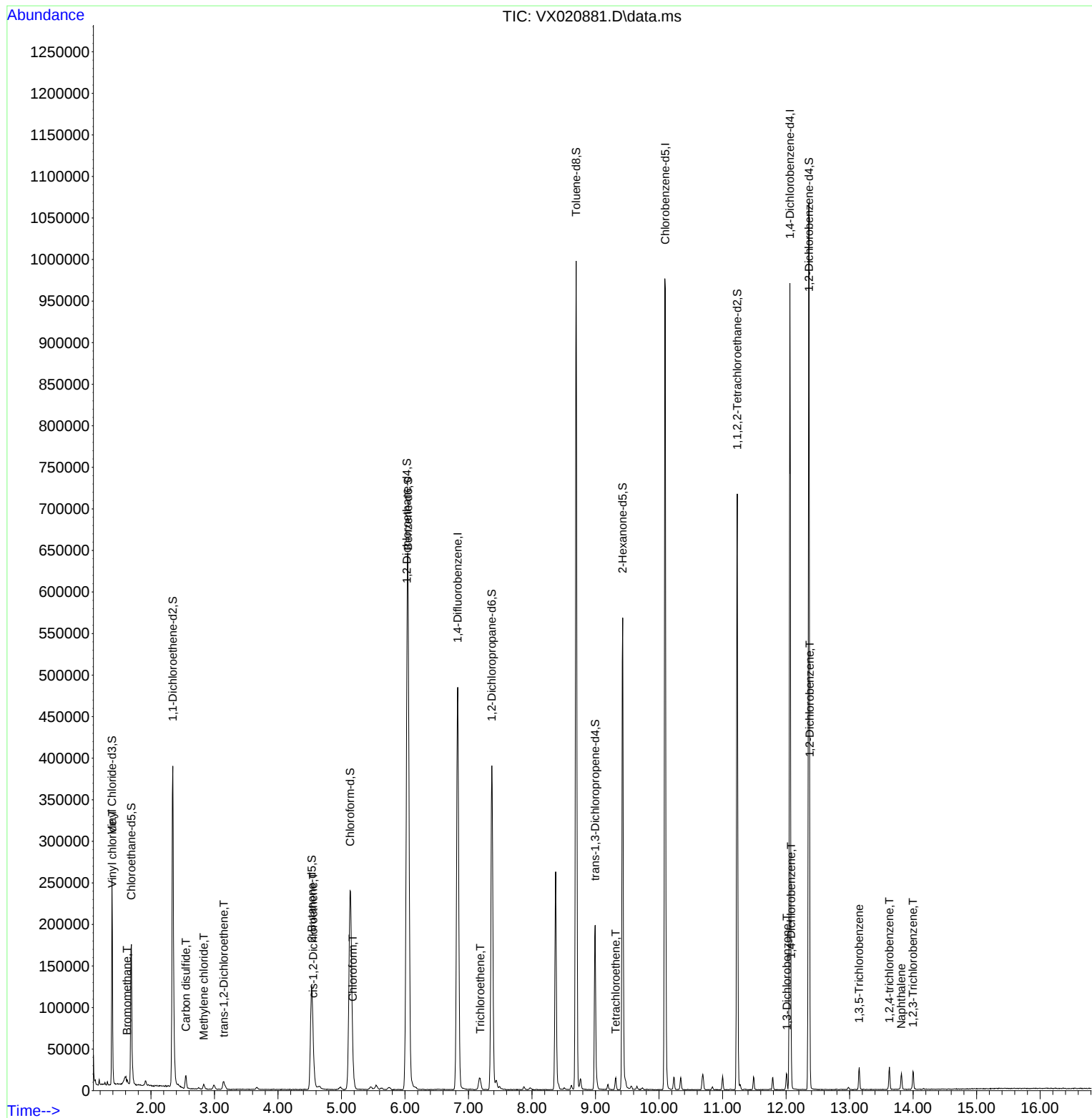
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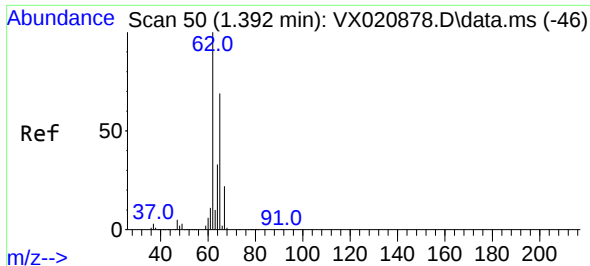
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020821WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Feb 08 17:06:55 2021
Response via : Initial Calibration

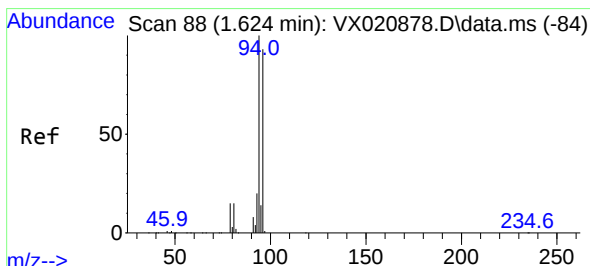
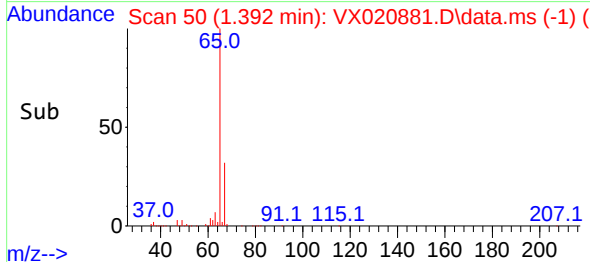
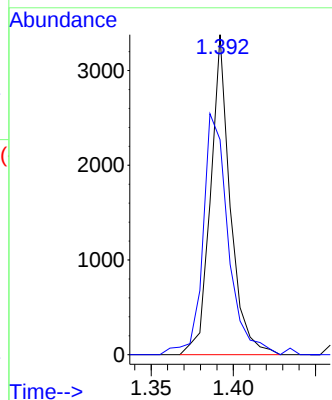
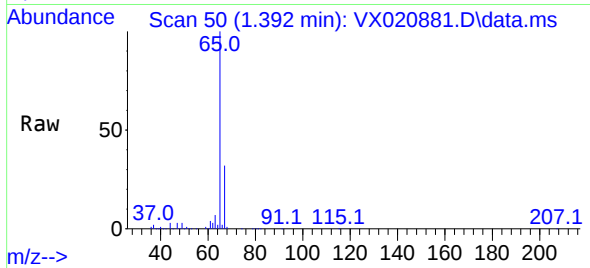




#5
 Vinyl chloride
 Concen: 0.83 ug/L
 RT: 1.392 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VX020881.D
 Acq: 08 Feb 2021 13:43

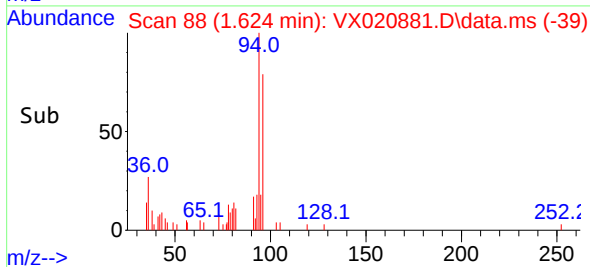
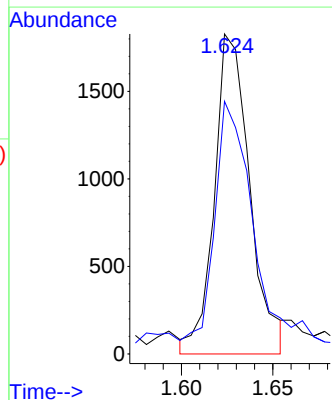
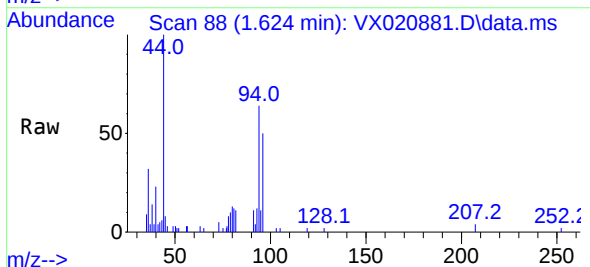
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

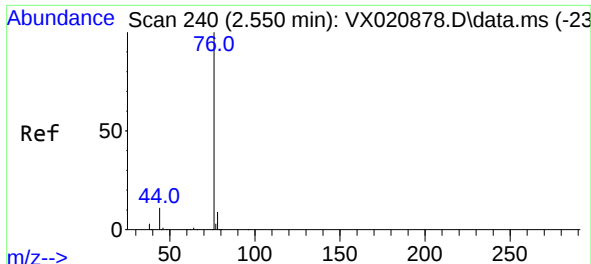
Tgt Ion: 62 Resp: 2818
 Ion Ratio Lower Upper
 62 100
 64 67.2 22.7 42.3#



#6
 Bromomethane
 Concen: 1.29 ug/L
 RT: 1.624 min Scan# 88
 Delta R.T. -0.000 min
 Lab File: VX020881.D
 Acq: 08 Feb 2021 13:43

Tgt Ion: 94 Resp: 2462
 Ion Ratio Lower Upper
 94 100
 96 78.9 64.8 120.3

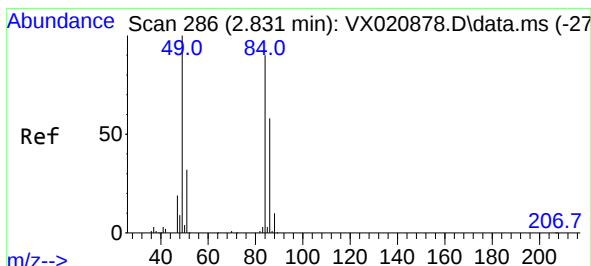
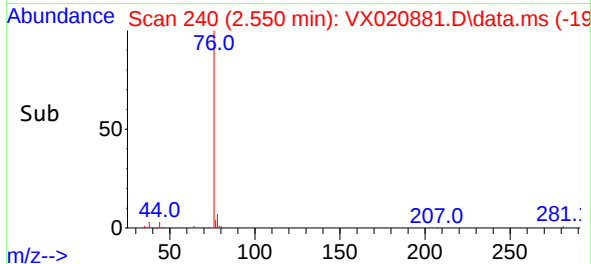
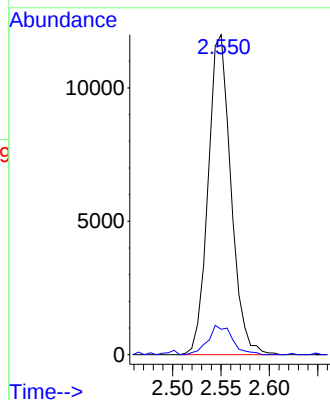
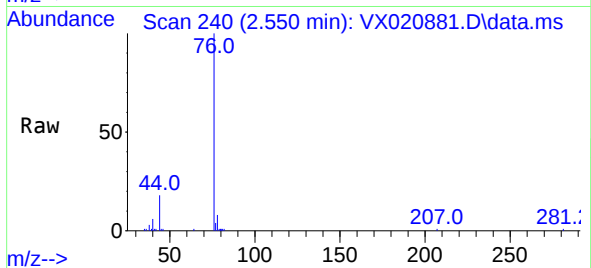




#14
Carbon disulfide
Concen: 2.33 ug/L
RT: 2.550 min Scan# 240
Delta R.T. -0.000 min
Lab File: VX020881.D
Acq: 08 Feb 2021 13:43

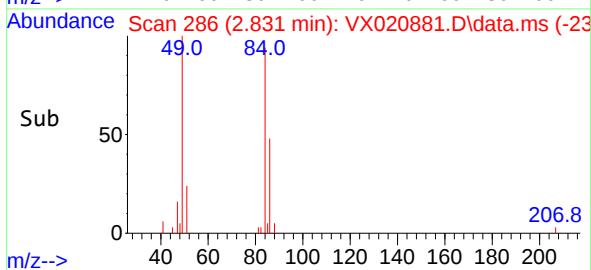
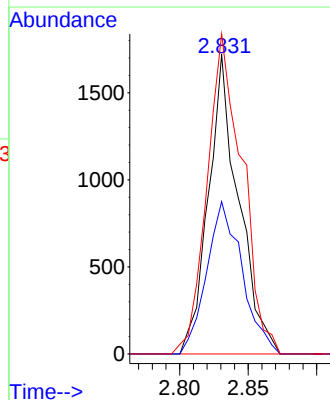
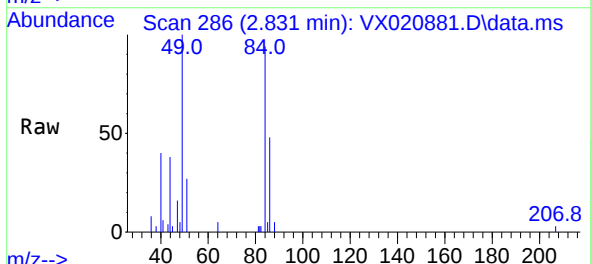
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

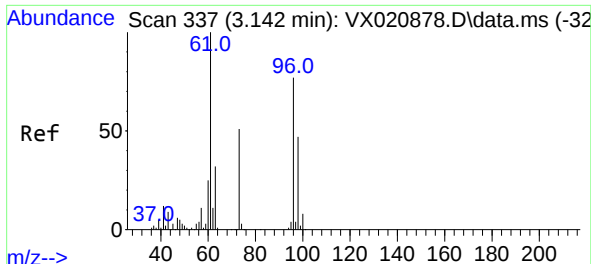
Tgt Ion: 76 Resp: 19717
Ion Ratio Lower Upper
76 100
78 7.9 7.6 11.4



#16
Methylene chloride
Concen: 0.74 ug/L
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020881.D
Acq: 08 Feb 2021 13:43

Tgt Ion: 84 Resp: 2649
Ion Ratio Lower Upper
84 100
86 50.8 44.2 82.0
49 106.7 77.8 144.6

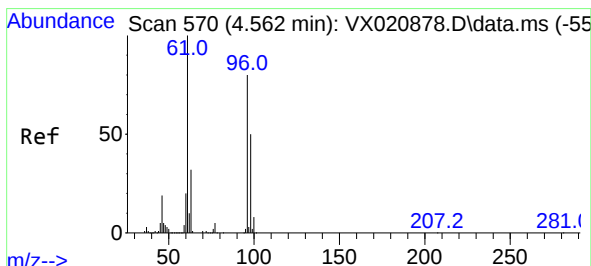
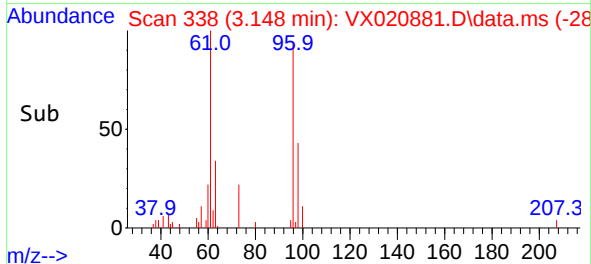
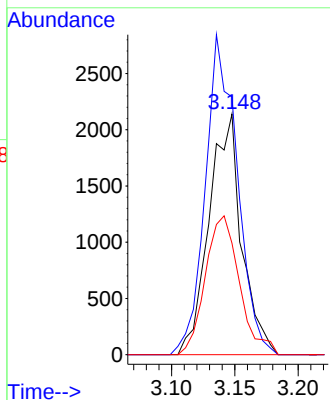
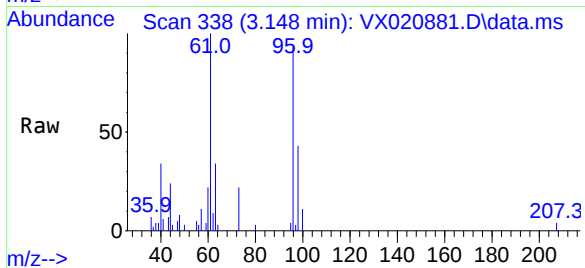




#17
trans-1,2-Dichloroethene
Concen: 1.22 ug/L
RT: 3.148 min Scan# 338
Delta R.T. 0.006 min
Lab File: VX020881.D
Acq: 08 Feb 2021 13:43

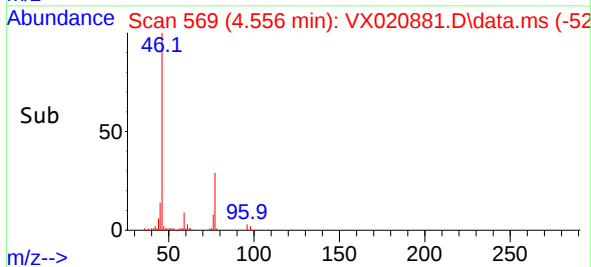
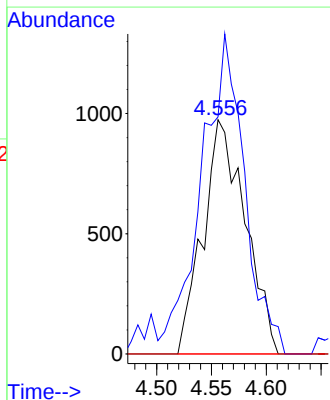
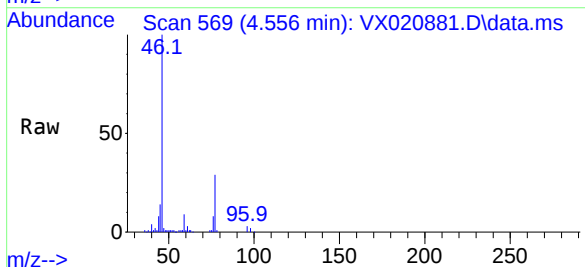
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

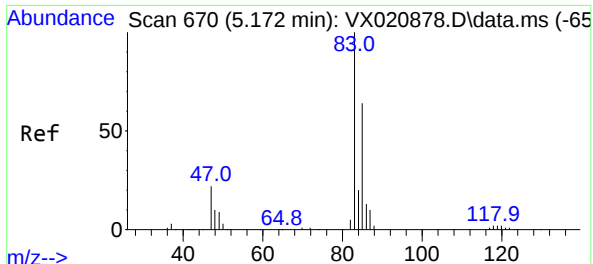
Tgt Ion: 96 Resp: 3833
Ion Ratio Lower Upper
96 100
61 107.2 92.3 171.3
98 46.4 46.3 85.9



#20
cis-1,2-Dichloroethene
Concen: 0.73 ug/L
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX020881.D
Acq: 08 Feb 2021 13:43

Tgt Ion: 96 Resp: 2610
Ion Ratio Lower Upper
96 100
61 101.2 87.8 163.0
68 0.0 0.0 0.0



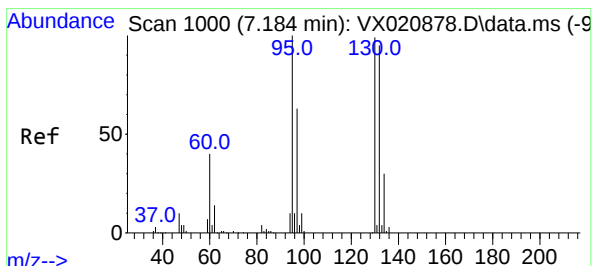
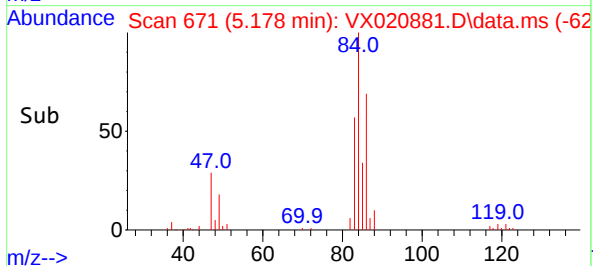
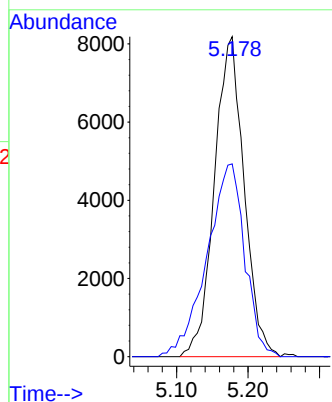
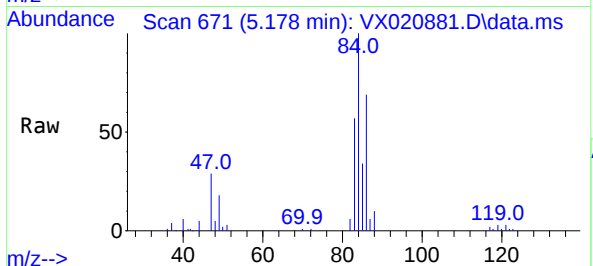


#25

Chloroform
Concen: 3.56 ug/L
RT: 5.178 min Scan# 671
Delta R.T. 0.006 min
Lab File: VX020881.D
Acq: 08 Feb 2021 13:43

Instrument :
MSVOA_X
ClientSampled :
VIBLK

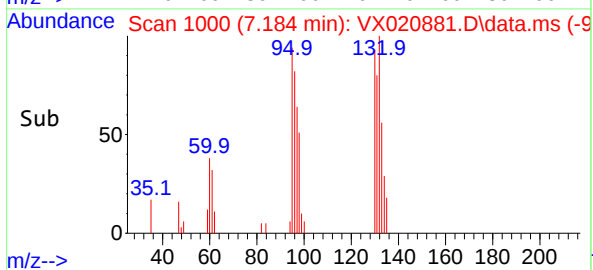
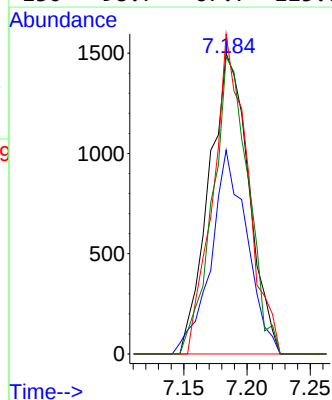
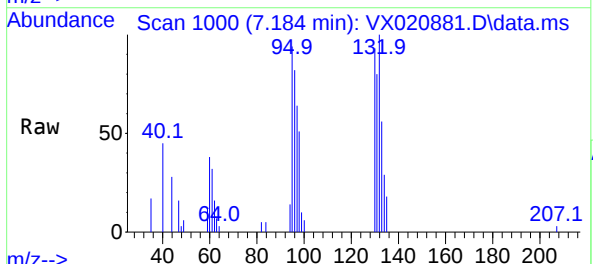
Tgt Ion: 83 Resp: 23538
Ion Ratio Lower Upper
83 100
85 60.2 46.3 85.9

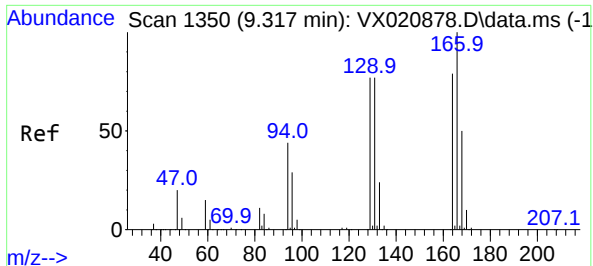


#34

Trichloroethene
Concen: 0.94 ug/L
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020881.D
Acq: 08 Feb 2021 13:43

Tgt Ion: 95 Resp: 3274
Ion Ratio Lower Upper
95 100
97 67.8 44.5 82.7
132 106.4 65.2 121.0
130 98.7 67.7 125.7



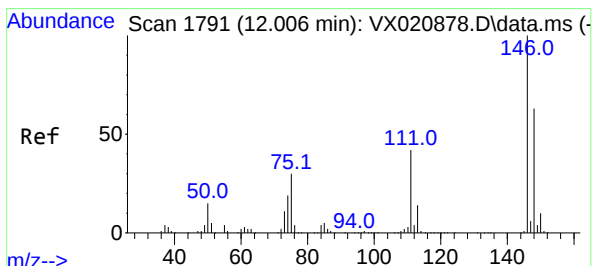
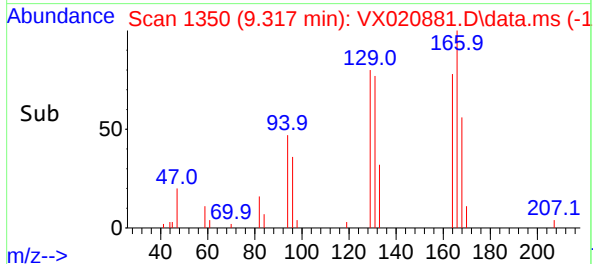
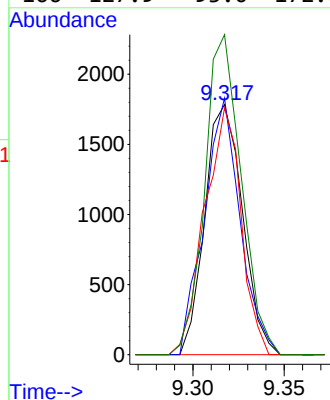
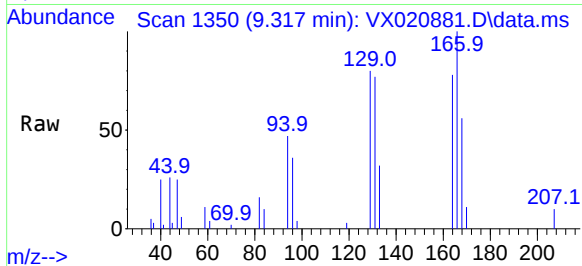


#46
Tetrachloroethene
Concen: 0.95 ug/L
RT: 9.317 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VX020881.D
Acq: 08 Feb 2021 13:43

Instrument :
MSVOA_X
ClientSampled :
VIBLK

Tgt Ion:164 Resp: 2559

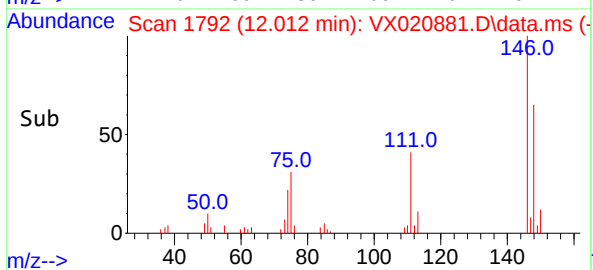
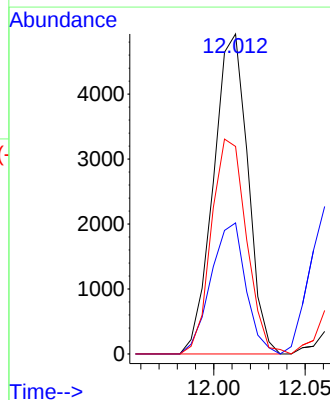
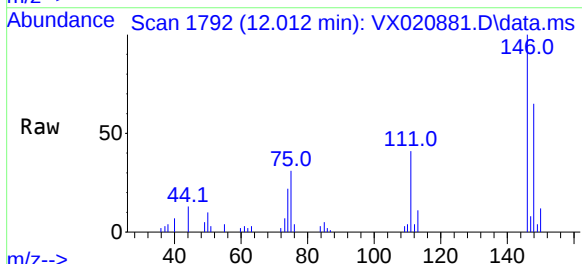
Ion	Ratio	Lower	Upper
164	100		
129	102.5	65.6	121.8
131	98.7	63.7	118.3
166	127.9	93.0	172.6

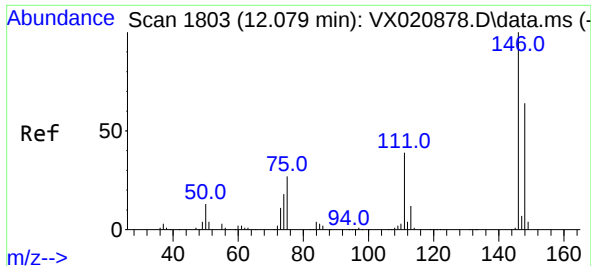


#64
1,3-Dichlorobenzene
Concen: 1.08 ug/L
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX020881.D
Acq: 08 Feb 2021 13:43

Tgt Ion:146 Resp: 6459

Ion	Ratio	Lower	Upper
146	100		
111	40.9	28.9	53.7
148	64.8	47.7	88.7

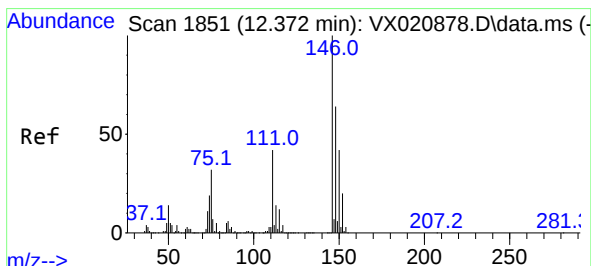
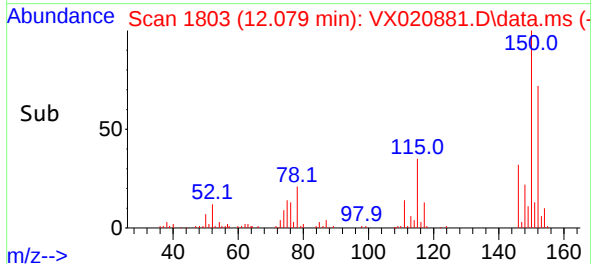
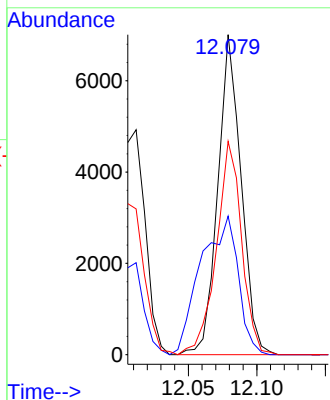
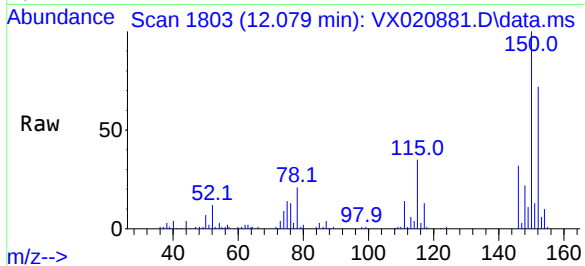




#65
1,4-Dichlorobenzene
Concen: 1.35 ug/L
RT: 12.079 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VX020881.D
Acq: 08 Feb 2021 13:43

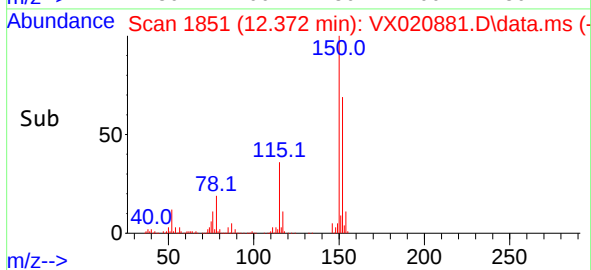
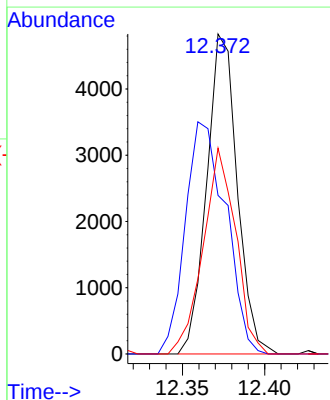
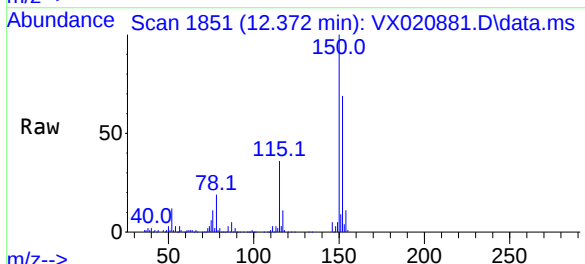
Instrument :
MSVOA_X
ClientSampled :
VIBLK

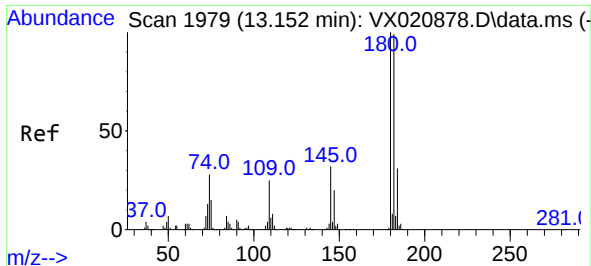
Tgt Ion:146 Resp: 8278
Ion Ratio Lower Upper
146 100
111 43.3 28.7 53.3
148 66.6 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 1.03 ug/L
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020881.D
Acq: 08 Feb 2021 13:43

Tgt Ion:146 Resp: 6233
Ion Ratio Lower Upper
146 100
111 49.6 33.8 50.8
148 64.3 51.4 77.2



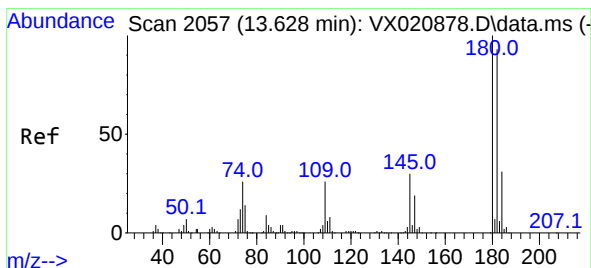
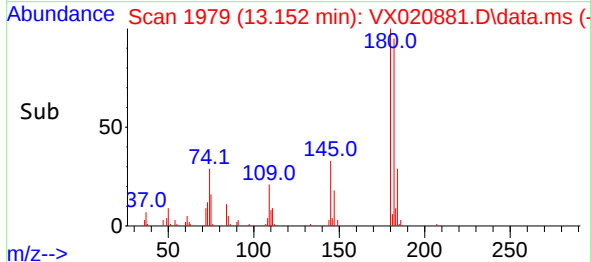
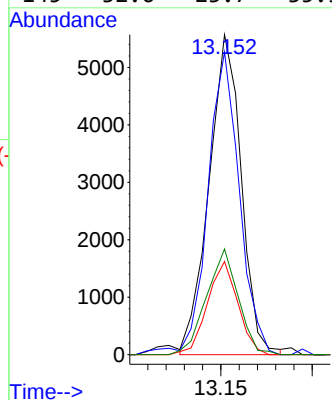
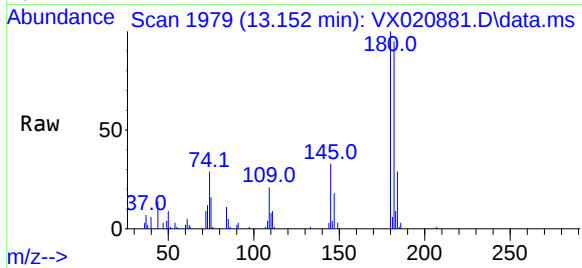


#69
1,3,5-Trichlorobenzene
Concen: 1.67 ug/L
RT: 13.152 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VX020881.D
Acq: 08 Feb 2021 13:43

Instrument :
MSVOA_X
ClientSampled :
VIBLK

Tgt Ion:180 Resp: 6840

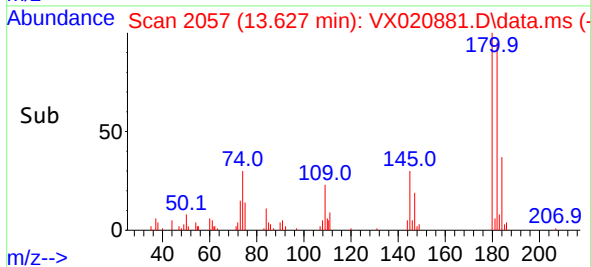
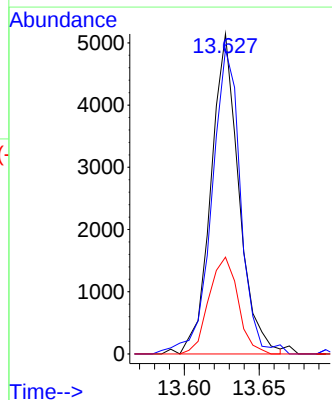
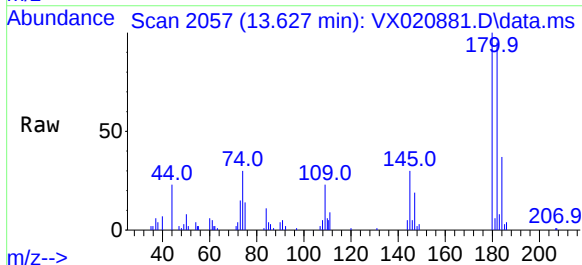
Ion	Ratio	Lower	Upper
180	100		
182	90.9	74.8	112.2
184	27.5	24.1	36.1
145	32.6	23.7	35.5

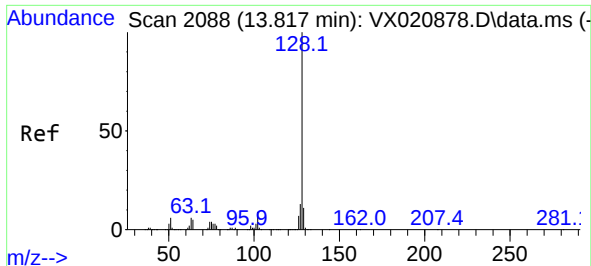


#70
1,2,4-trichlorobenzene
Concen: 1.91 ug/L
RT: 13.627 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VX020881.D
Acq: 08 Feb 2021 13:43

Tgt Ion:180 Resp: 6675

Ion	Ratio	Lower	Upper
180	100		
182	97.6	74.3	111.5
145	31.6	24.1	36.1

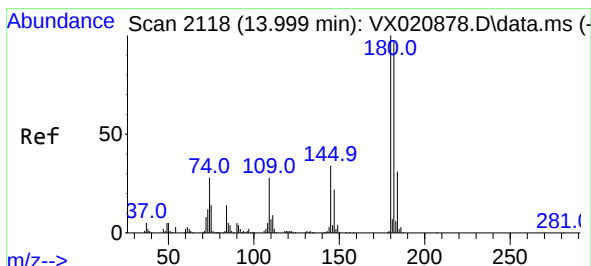
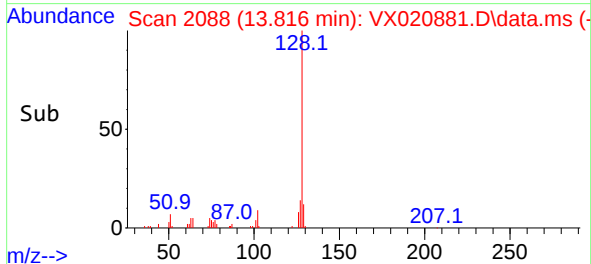
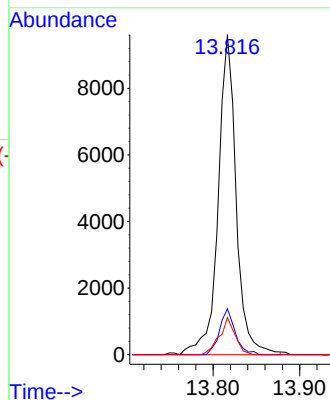
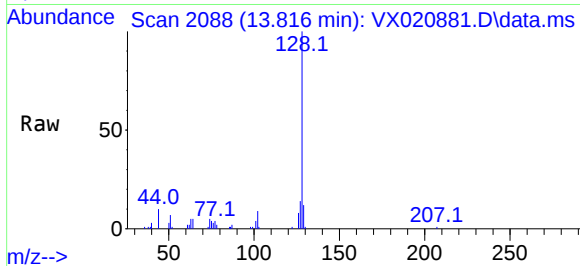




#71
Naphthalene
Concen: 1.25 ug/L
RT: 13.816 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020881.D
Acq: 08 Feb 2021 13:43

Instrument :
MSVOA_X
ClientSampled :
VIBLK

Tgt Ion:	128	Resp:	13898
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.2
129	10.1	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 1.79 ug/L
RT: 13.999 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VX020881.D
Acq: 08 Feb 2021 13:43

Tgt Ion:	180	Resp:	6515
Ion	Ratio	Lower	Upper
180	100		
182	90.4	74.6	112.0
145	29.4	25.6	38.4

