Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
Data File : VX035120.D
Acq On : 18 Apr 2023 14:00
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VIBLK624

Quant Time: Apr 19 00:45:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 19 00:39:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	490172	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	427785	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	199589	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	165385	52.327	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.660%			
7) Chloroethane-d5	1.672	69	122353	53.573	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.140%			
11) 1,1-Dichloroethene-d2	2.306	65	79390	52.496	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.000%			
21) 2-Butanone-d5	4.465	46	228416	108.448	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.450%			
24) Chloroform-d	5.056	84	302392	50.804	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.600%			
26) 1,2-Dichloroethane-d4	5.952	65	200424	52.436	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.880%			
32) Benzene-d6	5.970	84	651701	53.033	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.060%			
36) 1,2-Dichloropropane-d6	7.306	67	199770	53.219	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.440%			
41) Toluene-d8	8.647	98	592987	52.800	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.600%			
43) trans-1,3-Dichloroprop...	8.952	79	86175	52.531	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.060%			
47) 2-Hexanone-d5	9.384	63	161491	107.132	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.130%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	239672	52.135	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.280%			
66) 1,2-Dichlorobenzene-d4	12.323	152	207979	53.772	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.540%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	2265	0.653	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	4387	1.367	ug/L #	59
12) 1,1-Dichloroethene	2.313	96	3479	1.188	ug/L #	1
14) Carbon disulfide	2.514	76	14699	2.032	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	2833	0.939	ug/L	90
35) Methylcyclohexane	7.379	83	6369	1.372	ug/L	95
53) m,p-Xylene	10.305	106	2952	0.519	ug/L	89
60) Isopropylbenzene	10.963	105	11131	0.820	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	16981	1.530	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	13779	1.249	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	6490	1.049	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	7231	1.142	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	5370	0.856	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.109	75	5046	5.550	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.115	180	28384	7.418	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	22950	6.405	ug/L	98
71) Naphthalene	13.780	128	24359	1.909	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	21592	6.104	ug/L	97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
Data File : VX035120.D
Acq On : 18 Apr 2023 14:00
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VIBLK624

Quant Time: Apr 19 00:45:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 19 00:39:07 2023
Response via : Initial Calibration

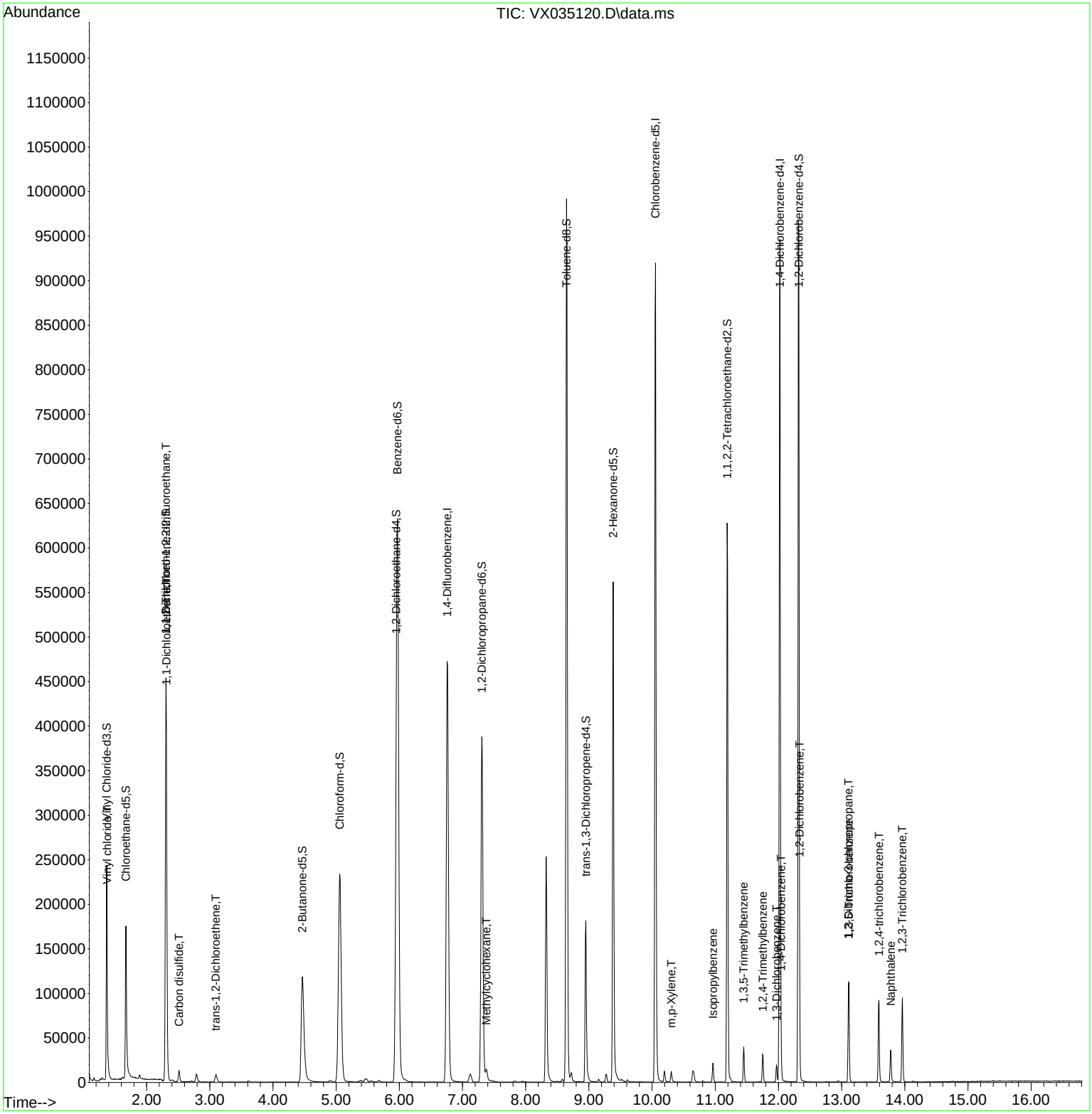
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

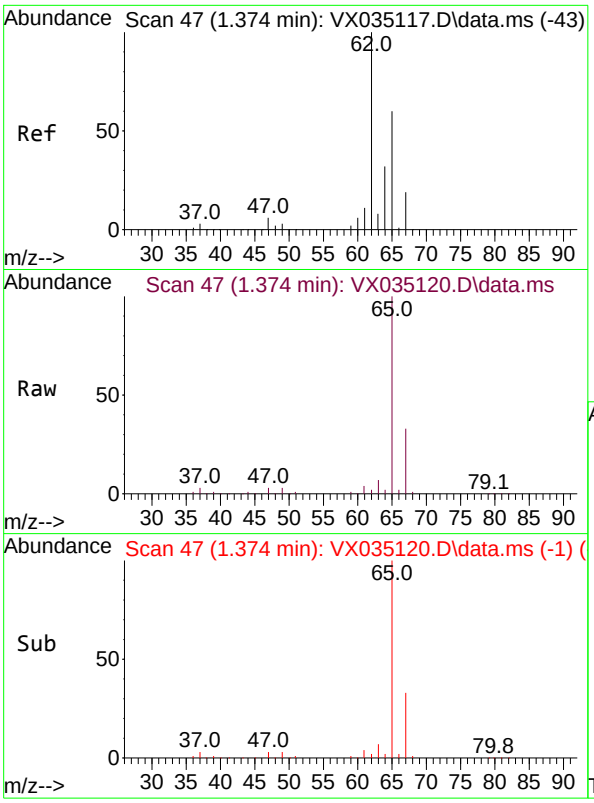
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
Data File : VX035120.D
Acq On : 18 Apr 2023 14:00
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VIBLK624

Quant Time: Apr 19 00:45:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 19 00:39:07 2023
Response via : Initial Calibration



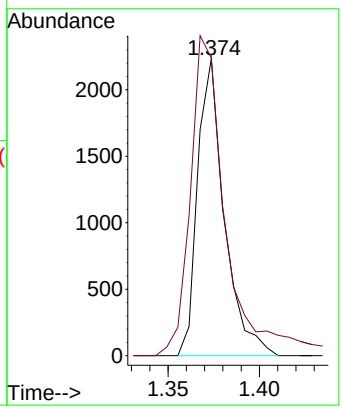


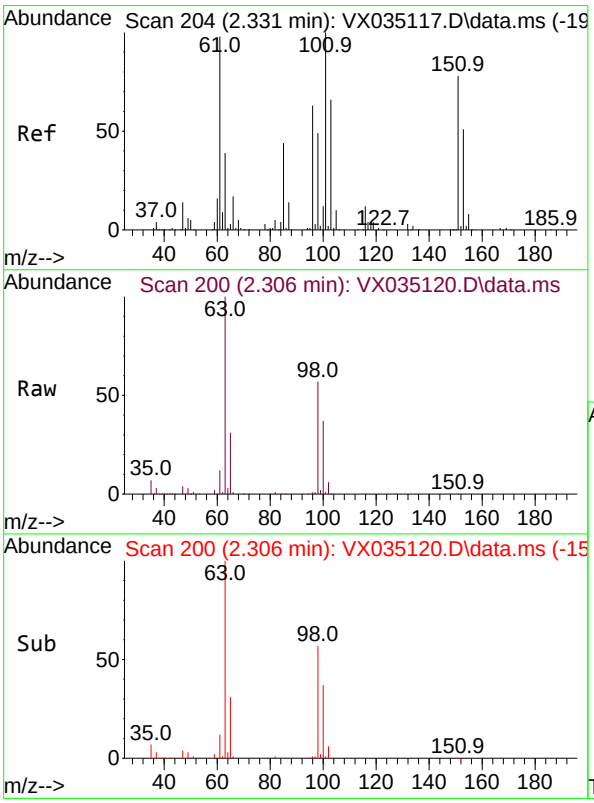
#5
Vinyl chloride
Concen: 0.653 ug/L
RT: 1.374 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX035120.D
Acq: 18 Apr 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VIBLK624

Tgt Ion: 62 Resp: 2265

Ion	Ratio	Lower	Upper
62	100		
64	100.2	22.5	41.7#

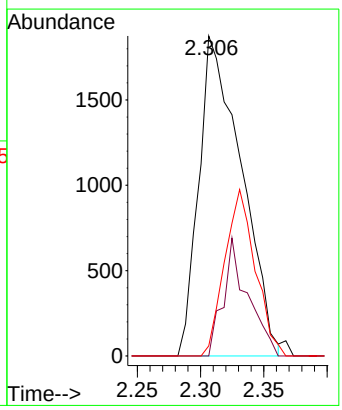


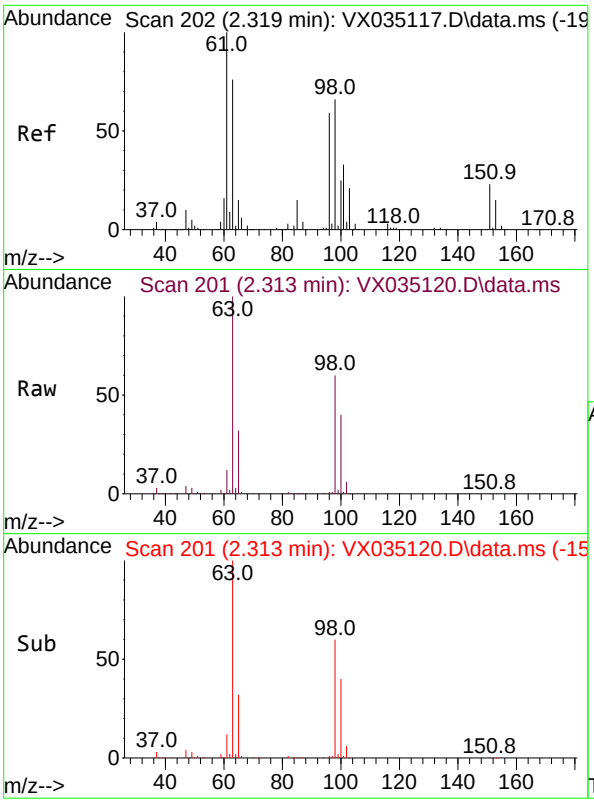


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.367 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.024 min
Lab File: VX035120.D
Acq: 18 Apr 2023 14:00

Tgt Ion:101 Resp: 4387

Ion	Ratio	Lower	Upper
101	100		
85	21.2	34.2	51.2#
151	37.4	61.1	91.7#



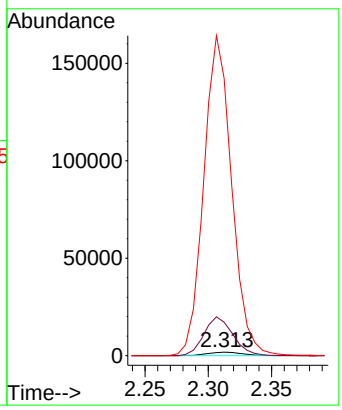


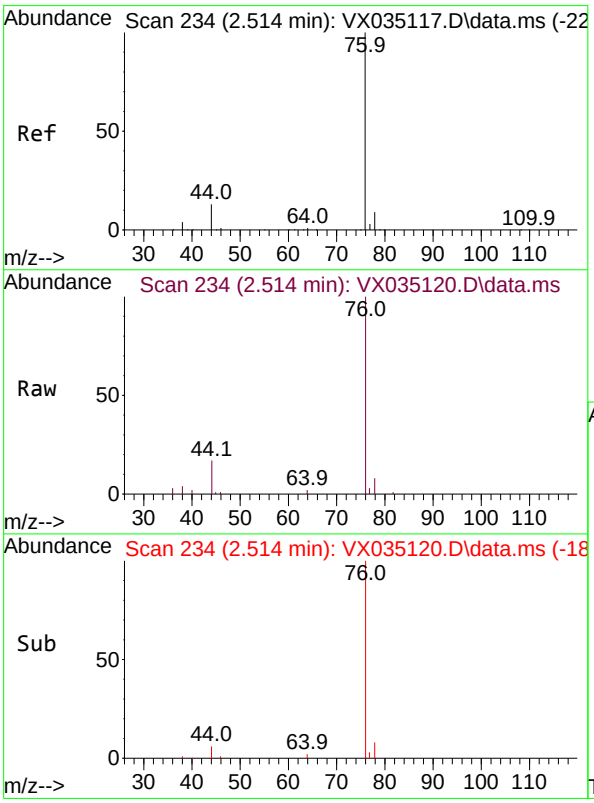
#12
1,1-Dichloroethene
Concen: 1.188 ug/L
RT: 2.313 min Scan# 2(
Delta R.T. -0.006 min
Lab File: VX035120.D
Acq: 18 Apr 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VIBLK624

Tgt Ion: 96 Resp: 3479

Ion	Ratio	Lower	Upper
96	100		
61	932.1	119.0	221.0#
63	7731.5	91.0	169.0#

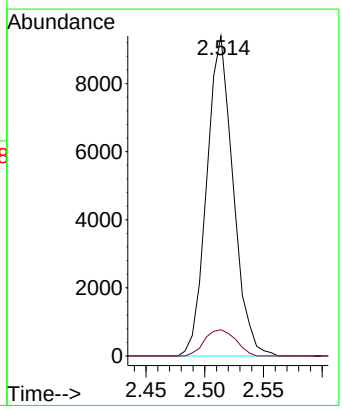


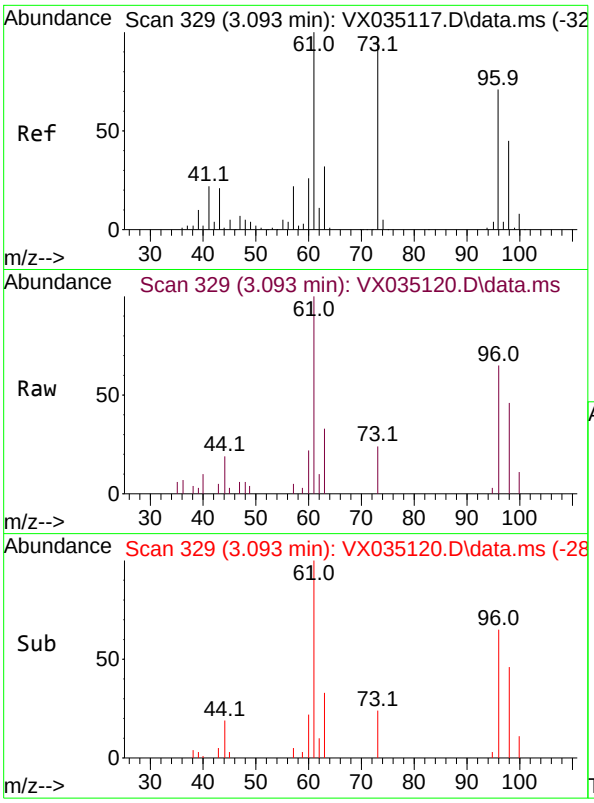


#14
Carbon disulfide
Concen: 2.032 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX035120.D
Acq: 18 Apr 2023 14:00

Tgt Ion: 76 Resp: 14699

Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.3	10.9



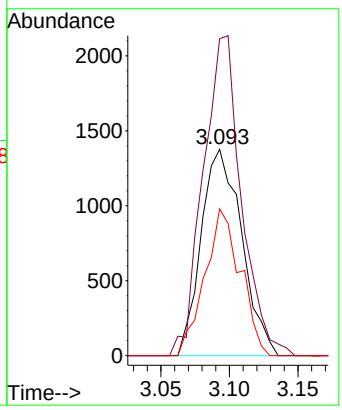


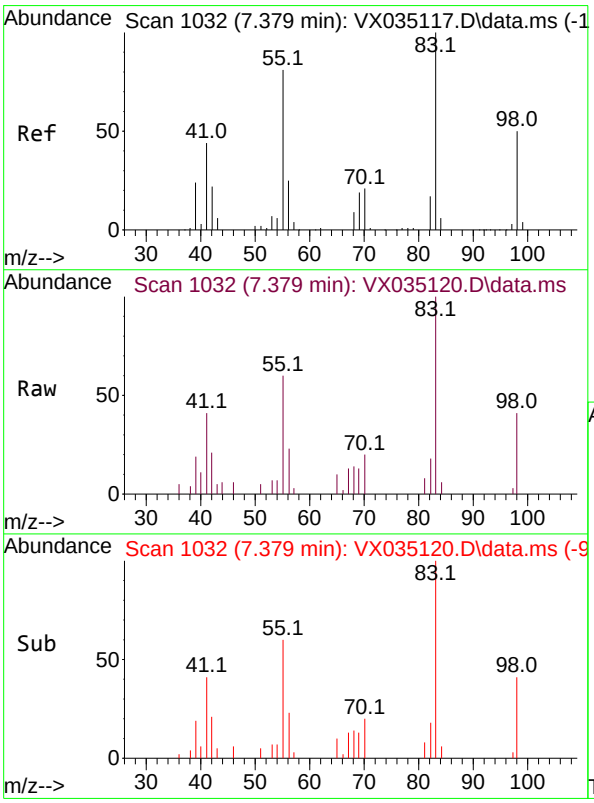
#17
trans-1,2-Dichloroethene
Concen: 0.939 ug/L
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX035120.D
Acq: 18 Apr 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VIBLK624

Tgt Ion: 96 Resp: 2833

Ion	Ratio	Lower	Upper
96	100		
61	153.6	98.8	183.4
98	71.2	44.4	82.4

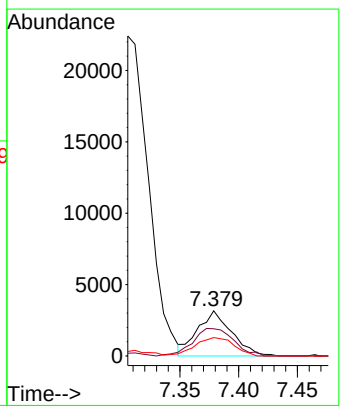


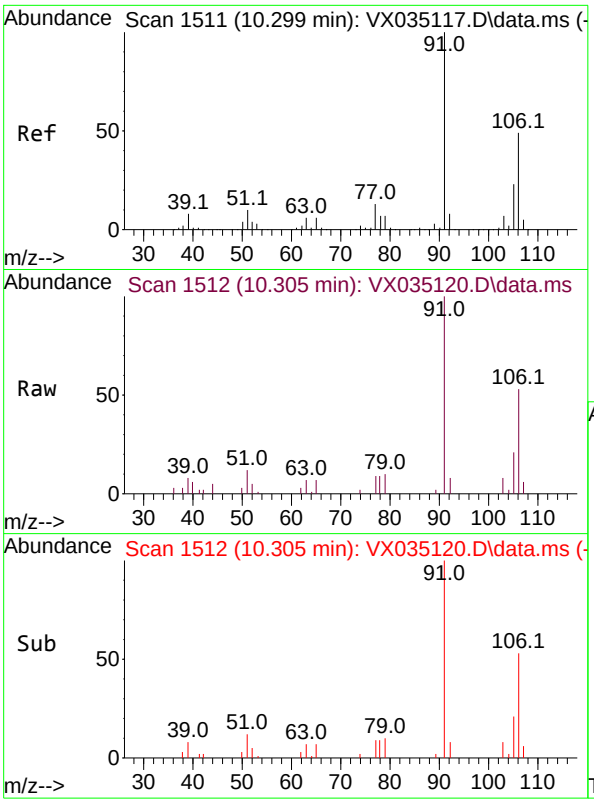


#35
Methylcyclohexane
Concen: 1.372 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035120.D
Acq: 18 Apr 2023 14:00

Tgt Ion: 83 Resp: 6369

Ion	Ratio	Lower	Upper
83	100		
55	72.8	62.2	93.2
98	46.7	39.3	58.9



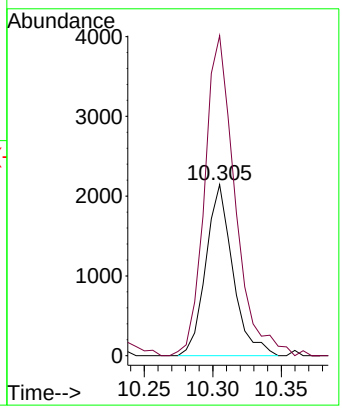


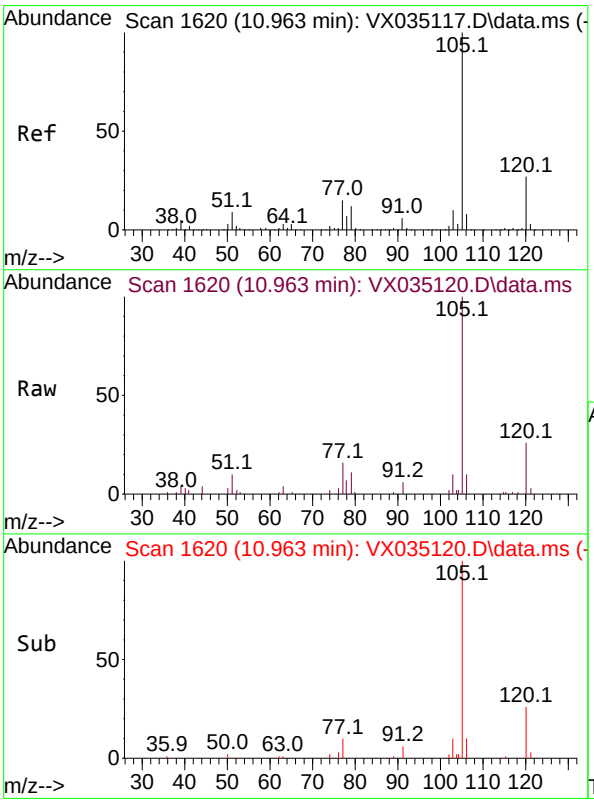
#53
m,p-Xylene
Concen: 0.519 ug/L
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX035120.D
Acq: 18 Apr 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VIBLK624

Tgt Ion:106 Resp: 2952

Ion	Ratio	Lower	Upper
106	100		
91	187.0	142.7	264.9

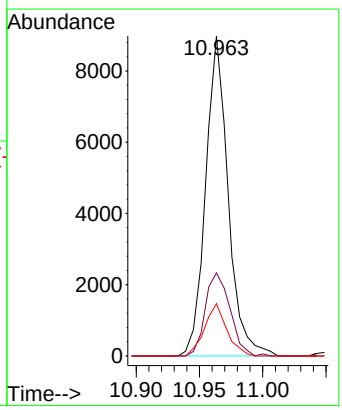


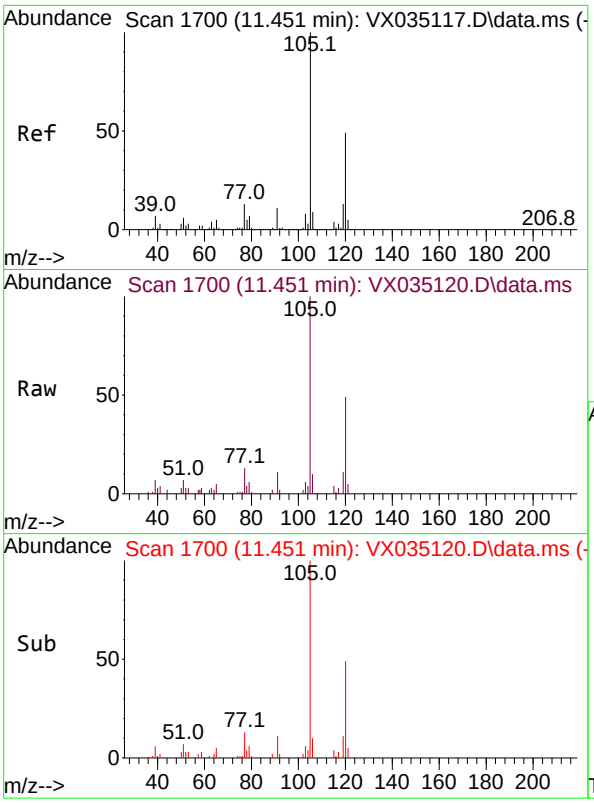


#60
Isopropylbenzene
Concen: 0.820 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX035120.D
Acq: 18 Apr 2023 14:00

Tgt Ion:105 Resp: 11131

Ion	Ratio	Lower	Upper
105	100		
120	28.3	21.5	32.3
77	16.1	12.6	18.8



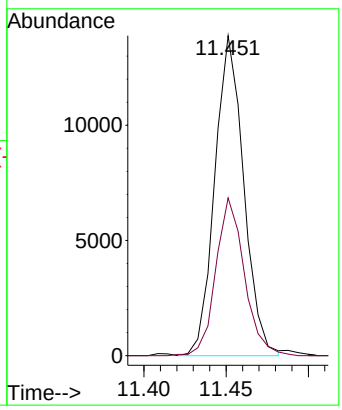


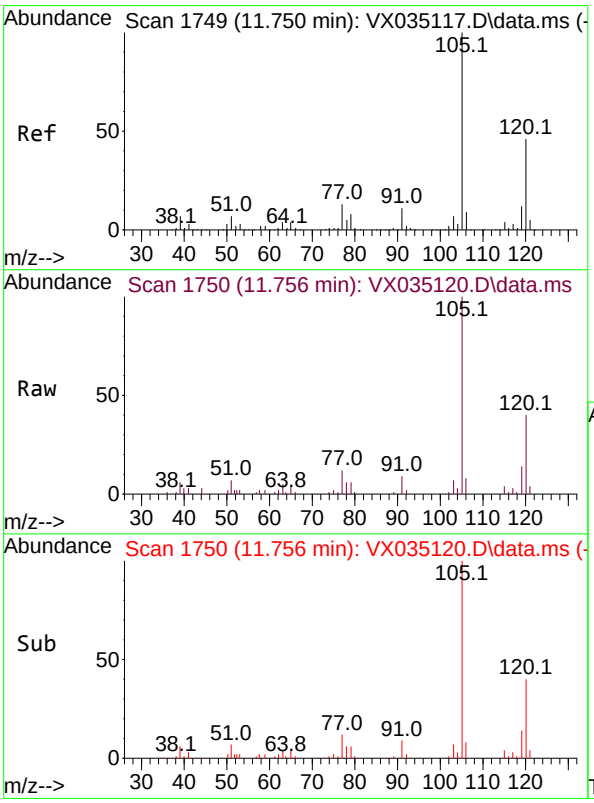
#62
1,3,5-Trimethylbenzene
Concen: 1.530 ug/L
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035120.D
Acq: 18 Apr 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VIBLK624

Tgt Ion:105 Resp: 16981

Ion	Ratio	Lower	Upper
105	100		
120	48.7	39.5	59.3

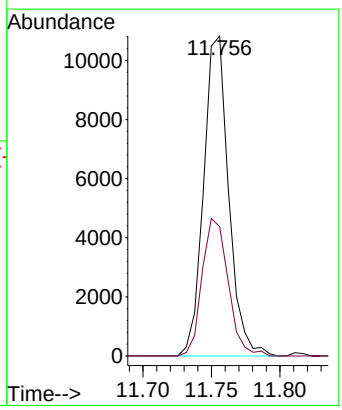


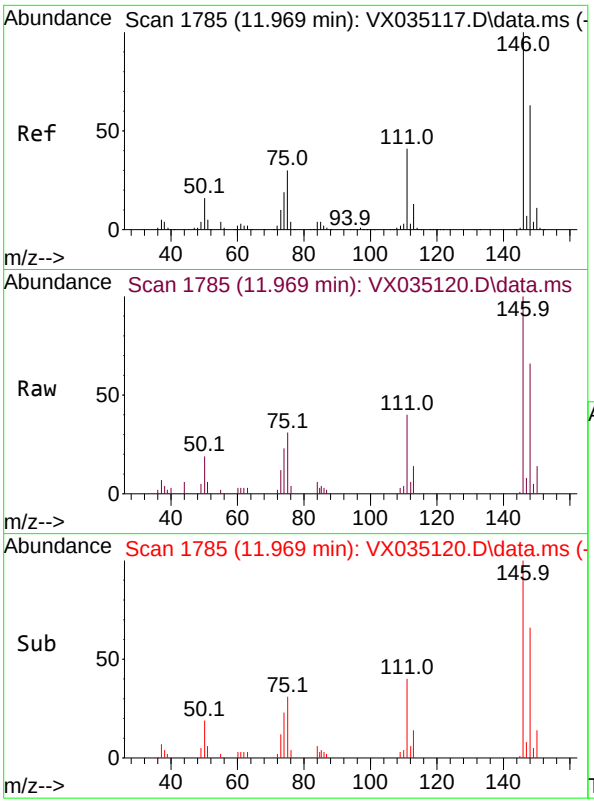


#63
1,2,4-Trimethylbenzene
Concen: 1.249 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX035120.D
Acq: 18 Apr 2023 14:00

Tgt Ion:105 Resp: 13779

Ion	Ratio	Lower	Upper
105	100		
120	44.7	36.6	55.0



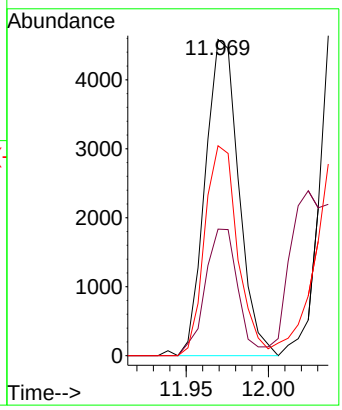


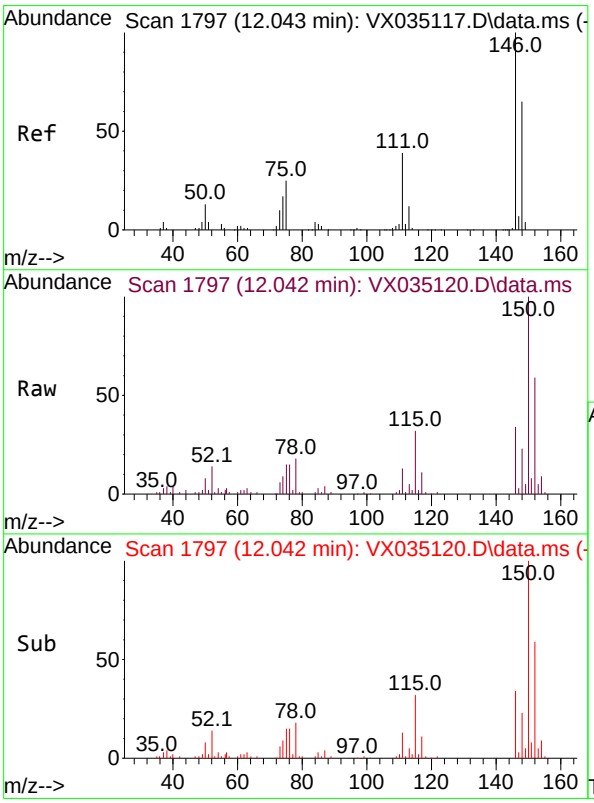
#64
1,3-Dichlorobenzene
Concen: 1.049 ug/L
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035120.D
Acq: 18 Apr 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VIBLK624

Tgt Ion:146 Resp: 6490

Ion	Ratio	Lower	Upper
146	100		
111	40.0	28.9	53.7
148	66.4	44.3	82.3

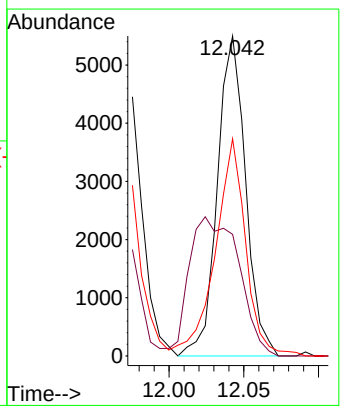


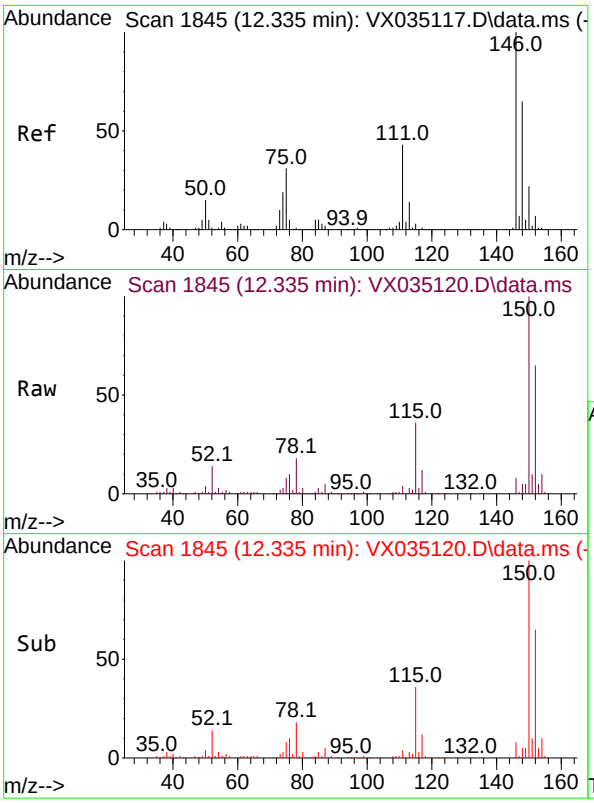


#65
1,4-Dichlorobenzene
Concen: 1.142 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035120.D
Acq: 18 Apr 2023 14:00

Tgt Ion:146 Resp: 7231

Ion	Ratio	Lower	Upper
146	100		
111	38.0	27.9	51.7
148	67.8	45.9	85.3



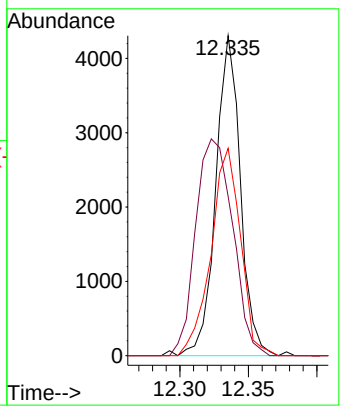


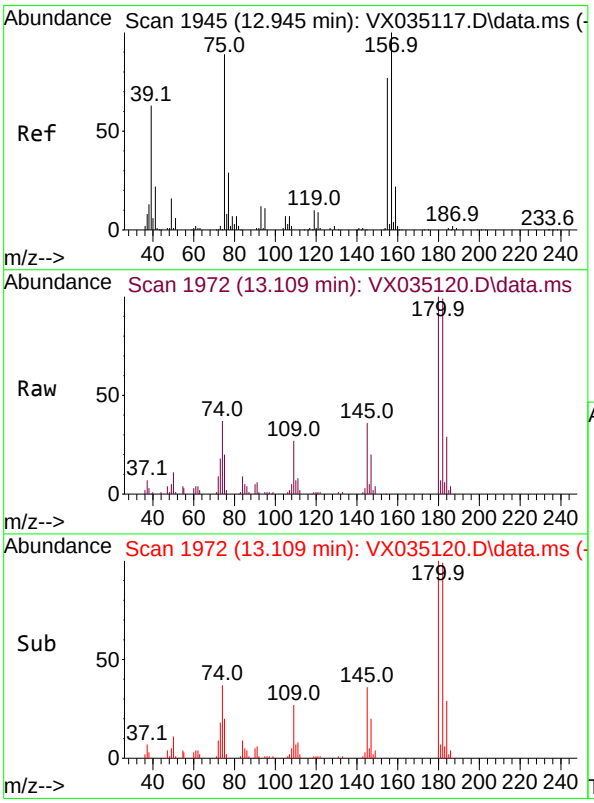
#67
1,2-Dichlorobenzene
Concen: 0.856 ug/L
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035120.D
Acq: 18 Apr 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VIBLK624

Tgt Ion:146 Resp: 5370

Ion	Ratio	Lower	Upper
146	100		
111	49.8	34.7	52.1
148	64.8	52.1	78.1

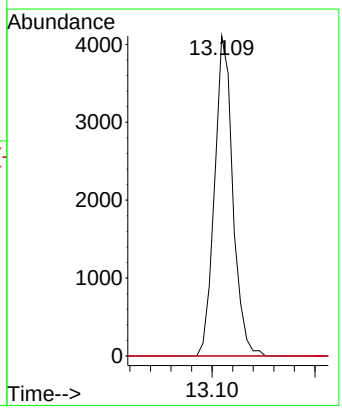


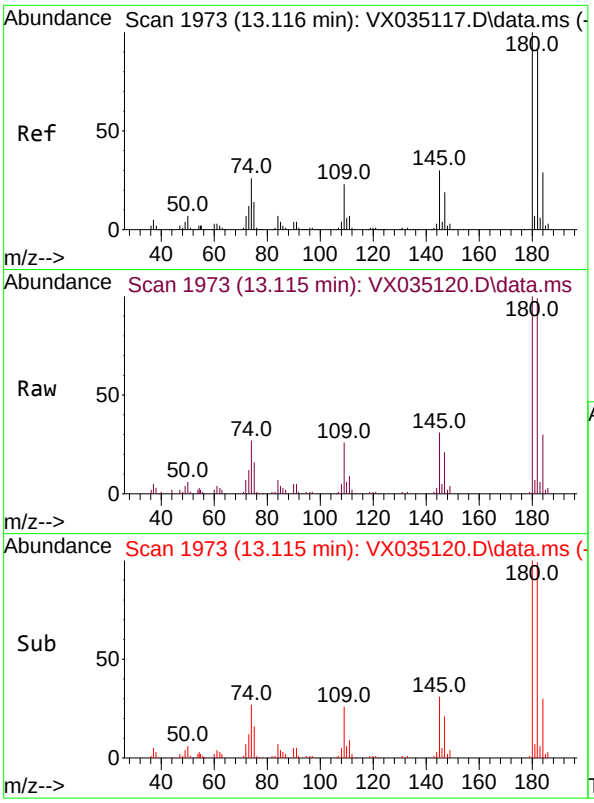


#68
1,2-Dibromo-3-chloropropane
Concen: 5.550 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. 0.165 min
Lab File: VX035120.D
Acq: 18 Apr 2023 14:00

Tgt Ion: 75 Resp: 5046

Ion	Ratio	Lower	Upper
75	100		
155	0.0	69.9	104.9#
157	0.0	90.4	135.6#



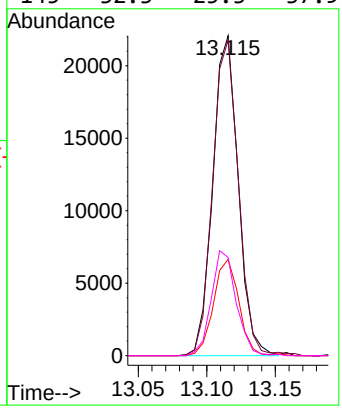


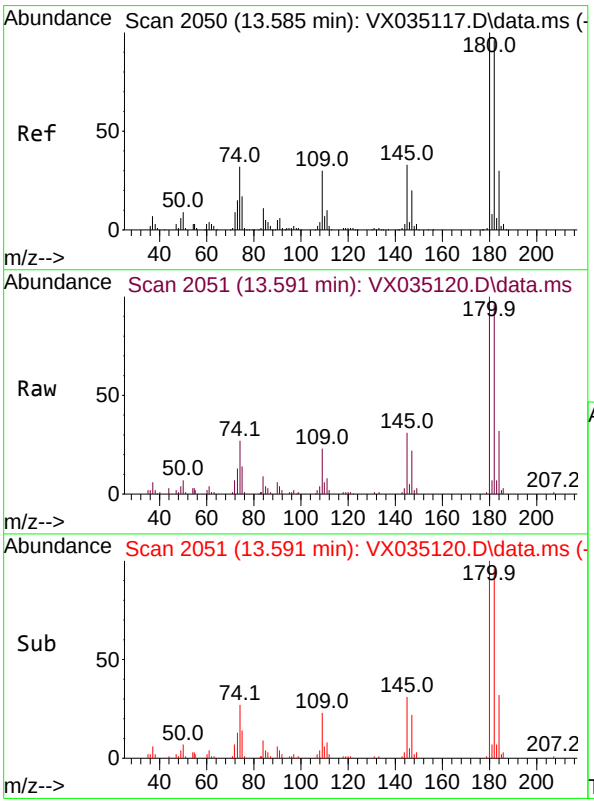
#69
1,3,5-Trichlorobenzene
Concen: 7.418 ug/L
RT: 13.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035120.D
Acq: 18 Apr 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VIBLK624

Tgt Ion:180 Resp: 28384

Ion	Ratio	Lower	Upper
180	100		
182	99.2	75.4	113.0
184	30.1	23.8	35.8
145	32.3	25.3	37.9

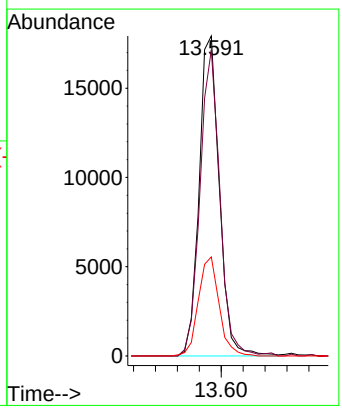


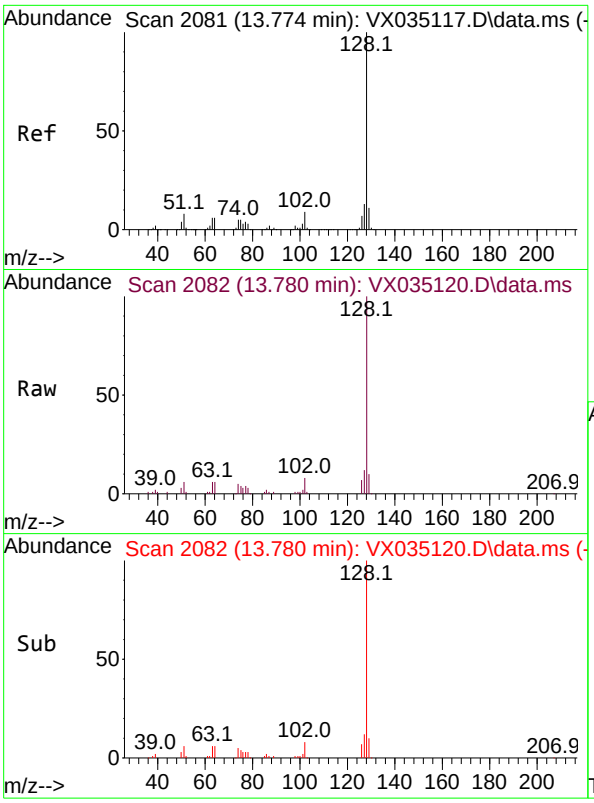


#70
1,2,4-trichlorobenzene
Concen: 6.405 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035120.D
Acq: 18 Apr 2023 14:00

Tgt Ion:180 Resp: 22950

Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.6	114.8
145	31.8	26.2	39.4



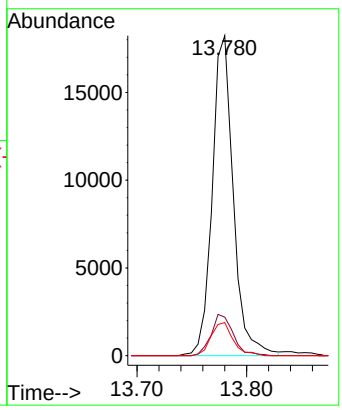


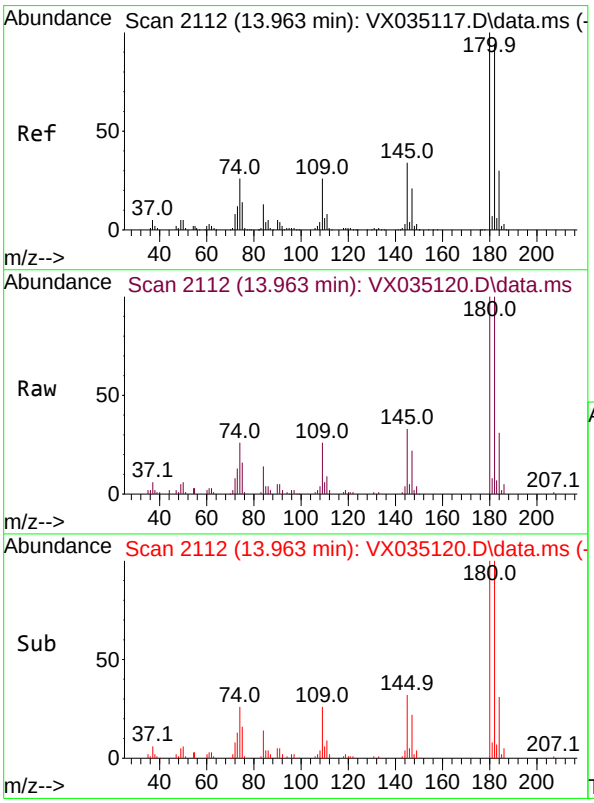
#71
Naphthalene
Concen: 1.909 ug/L
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX035120.D
Acq: 18 Apr 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VIBLK624

Tgt Ion:128 Resp: 24359

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.4
129	10.9	8.9	13.3





#72
1,2,3-Trichlorobenzene
Concen: 6.104 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035120.D
Acq: 18 Apr 2023 14:00

Tgt Ion:180 Resp: 21592

Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.0	112.6
145	35.0	27.1	40.7