Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
Data File : VX035950.D
Acq On : 01 Jun 2023 11:21
Operator : JC/MD
Sample : VX0601WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL01

Quant Time: Jun 02 01:36:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 23 11:36:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.904	128	35943	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	208815	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	183975	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	92256	30.891	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.967%			
60) 4-Bromofluorobenzene	11.079	95	90916	29.451	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.167%			
63) Toluene-d8	8.647	98	243901	29.988	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.967%			
Target Compounds						Qvalue
13) Acrolein	2.239	56	83	0.206	ug/l #	65
16) Carbon Disulfide	2.514	76	1137	0.291	ug/l #	86
18) Methylene Chloride	2.788	84	1213	0.517	ug/l #	73
23) tert-Butyl Alcohol	2.941	59	334	0.717	ug/l #	48
55) 2-Chloroethyl vinyl ether	8.251	63	764	0.391	ug/l #	87
77) t-1,4-Dichloro-2-butene	11.079	75	47573	49.924	ug/l #	4
89) 1,2,4-Trichlorobenzene	13.963	180	602	0.218	ug/l	90
90) Hexachlorobutadiene	13.725	225	460	0.451	ug/l	89
92) 1,2,3-Trichlorobenzene	13.963	180	602	0.218	ug/l	90

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
Data File : VX035950.D
Acq On : 01 Jun 2023 11:21
Operator : JC/MD
Sample : VX0601WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL01

Quant Time: Jun 02 01:36:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 23 11:36:37 2023
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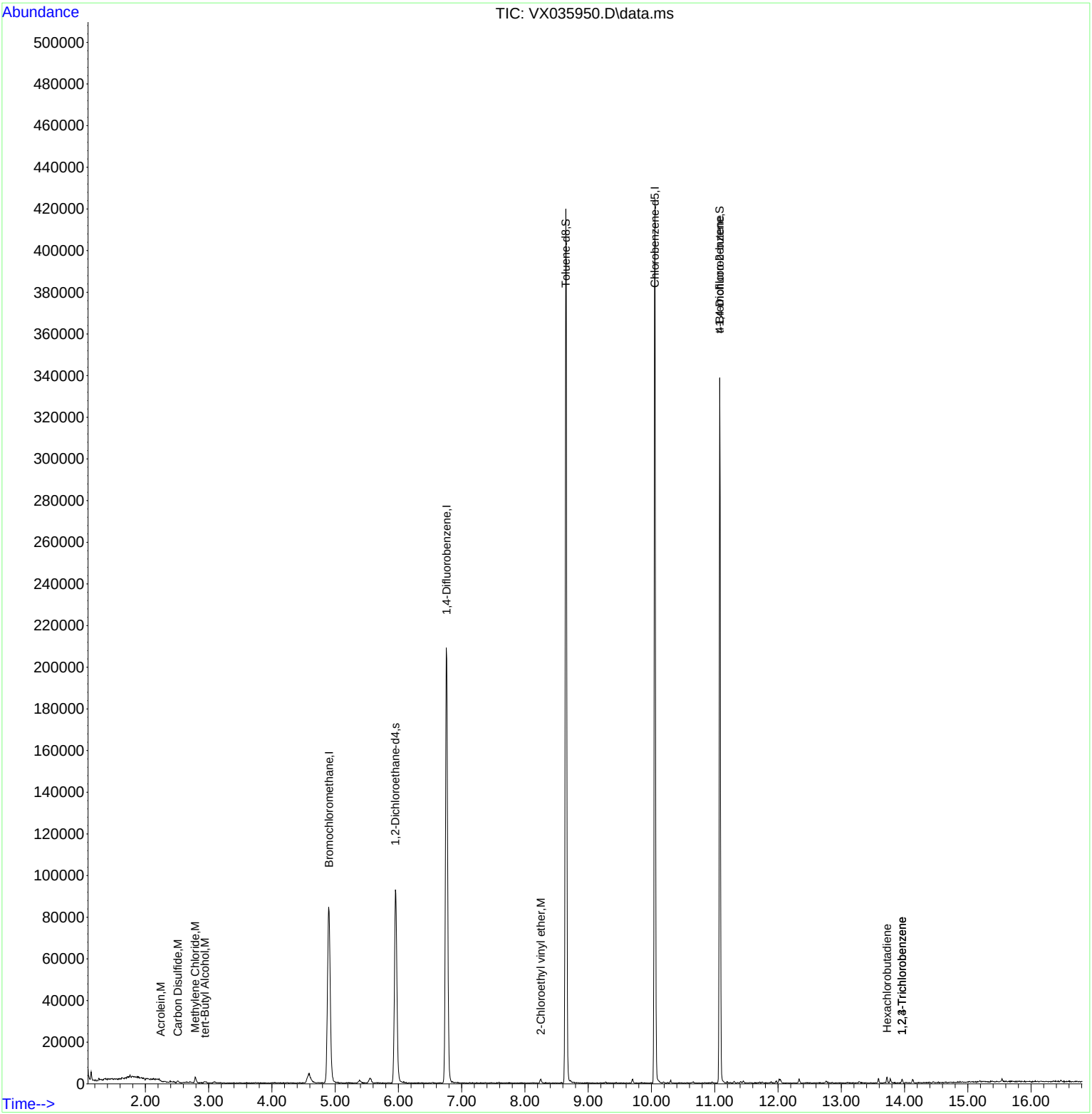
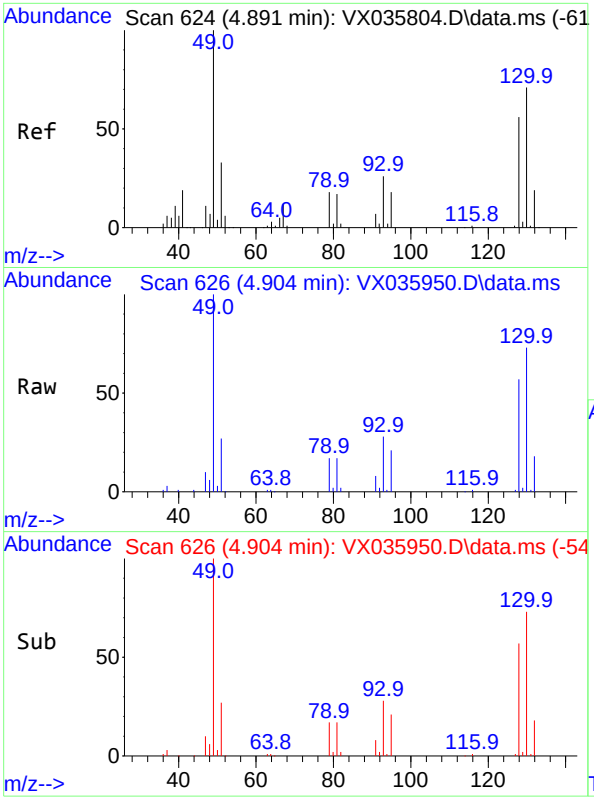


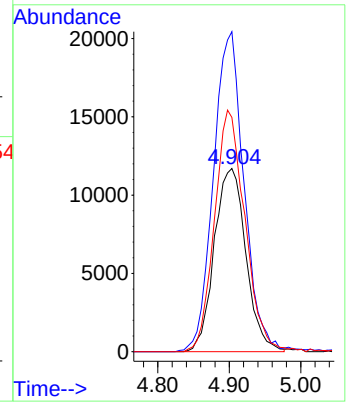


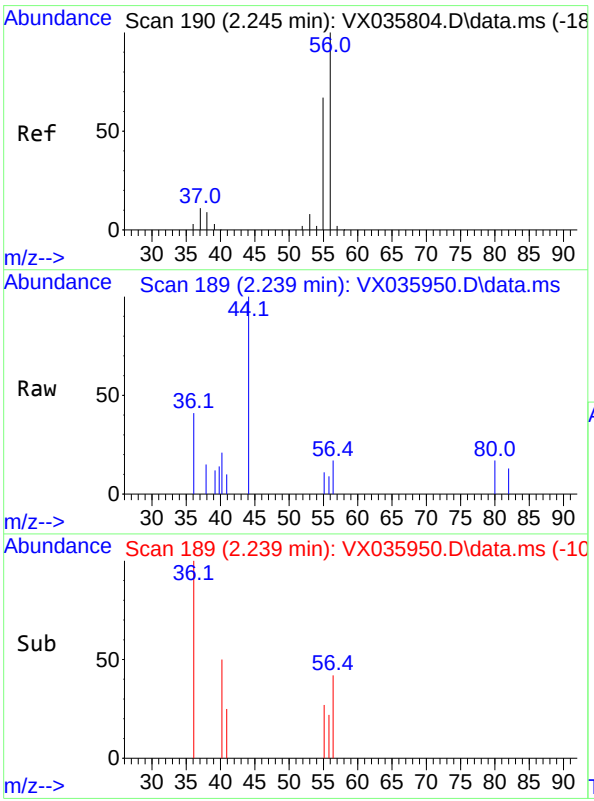
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.013 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL01

Tgt Ion:128 Resp: 35943

Ion	Ratio	Lower	Upper
128	100		
49	168.3	0.0	428.8
130	127.3	0.0	310.8

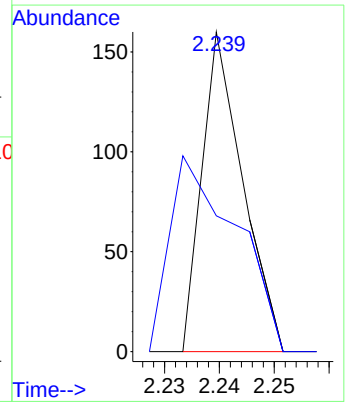


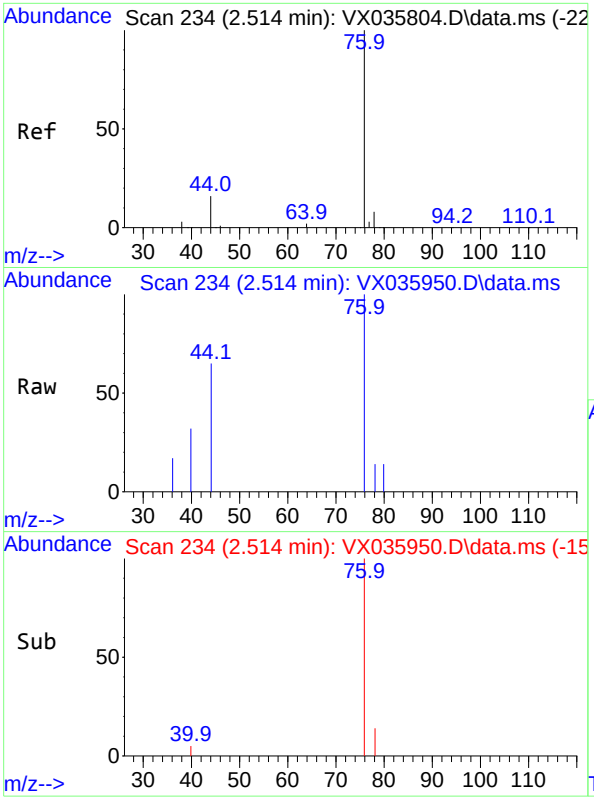


#13
Acrolein
Concen: 0.206 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

Tgt Ion: 56 Resp: 83

Ion	Ratio	Lower	Upper
56	100		
55	100.0	56.6	85.0#



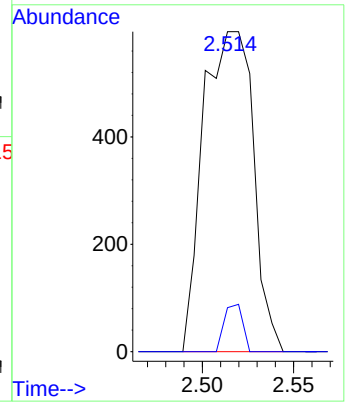


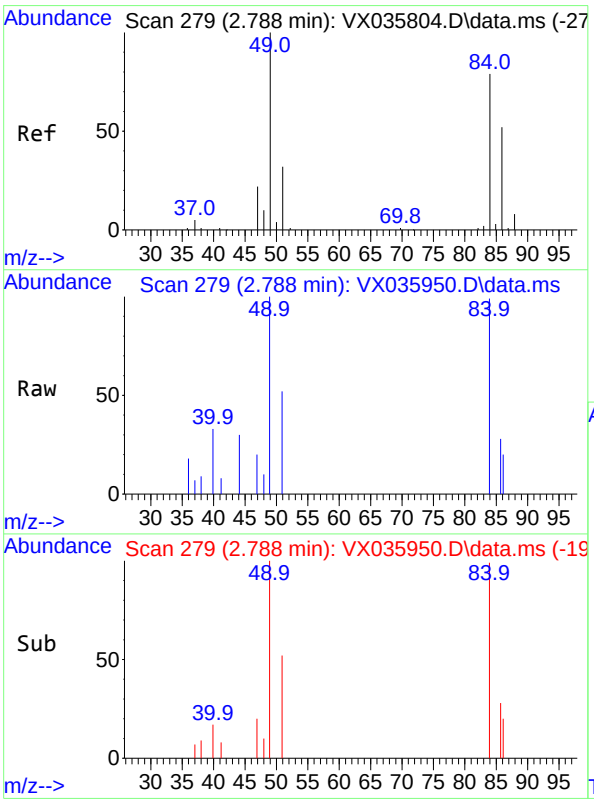
#16
Carbon Disulfide
Concen: 0.291 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL01

Tgt Ion: 76 Resp: 1137

Ion	Ratio	Lower	Upper
76	100		
78	13.8	7.0	10.6#

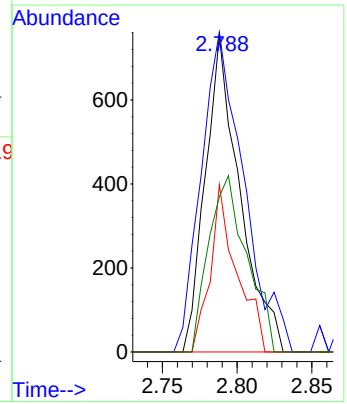


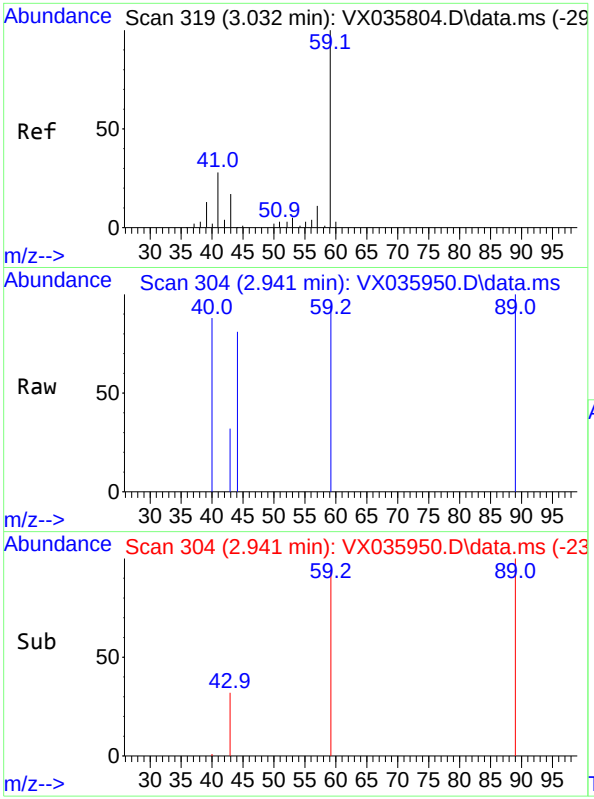


#18
Methylene Chloride
Concen: 0.517 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

Tgt Ion: 84 Resp: 1213

Ion	Ratio	Lower	Upper
84	100		
49	93.2	103.9	155.9#
51	52.7	30.6	45.8#
86	49.0	50.6	75.8#



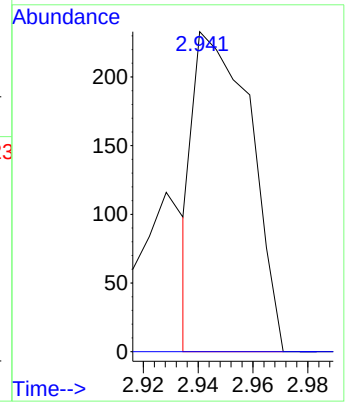


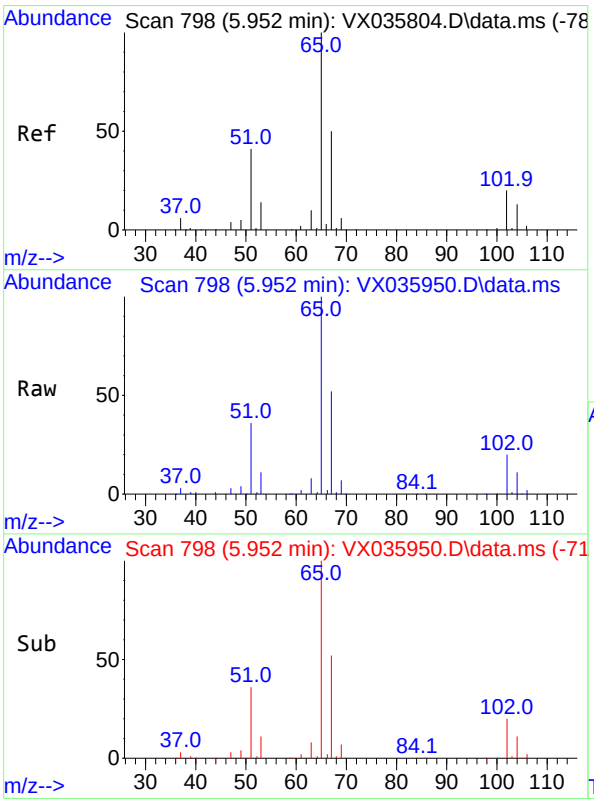
#23
tert-Butyl Alcohol
Concen: 0.717 ug/l
RT: 2.941 min Scan# 3
Delta R.T. -0.091 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL01

Tgt Ion: 59 Resp: 334

Ion	Ratio	Lower	Upper
59	100		
52	48.5	0.2	0.4#

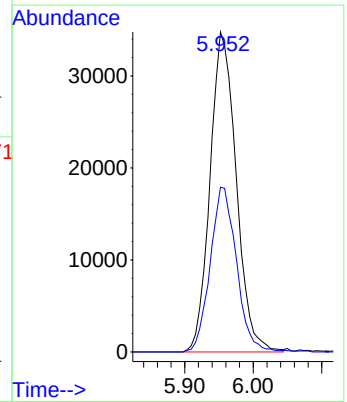


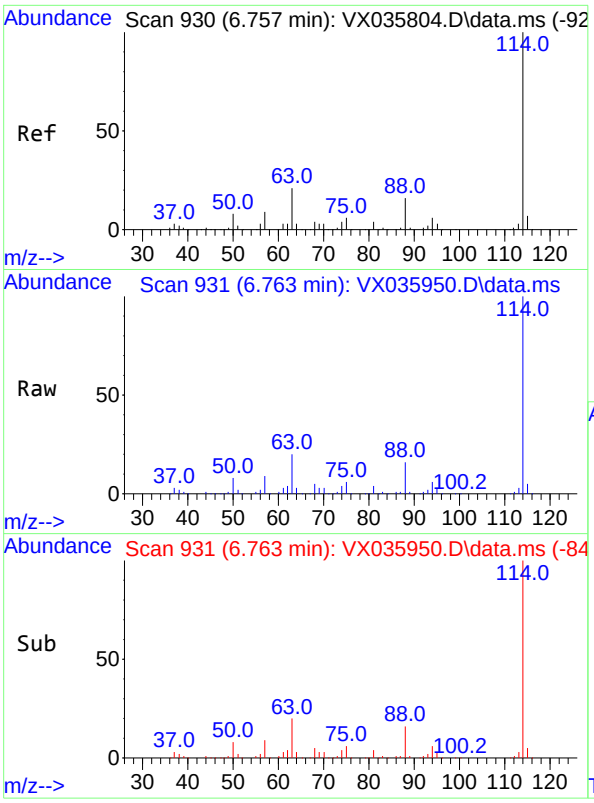


#27
1,2-Dichloroethane-d4
Concen: 30.891 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

Tgt Ion: 65 Resp: 92256

Ion	Ratio	Lower	Upper
65	100		
67	51.6	40.9	61.3



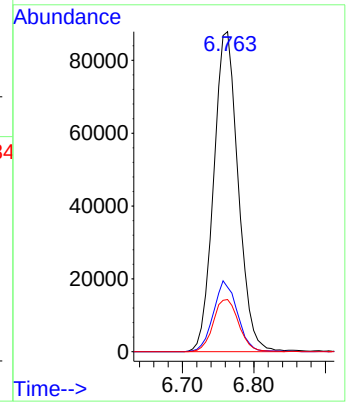


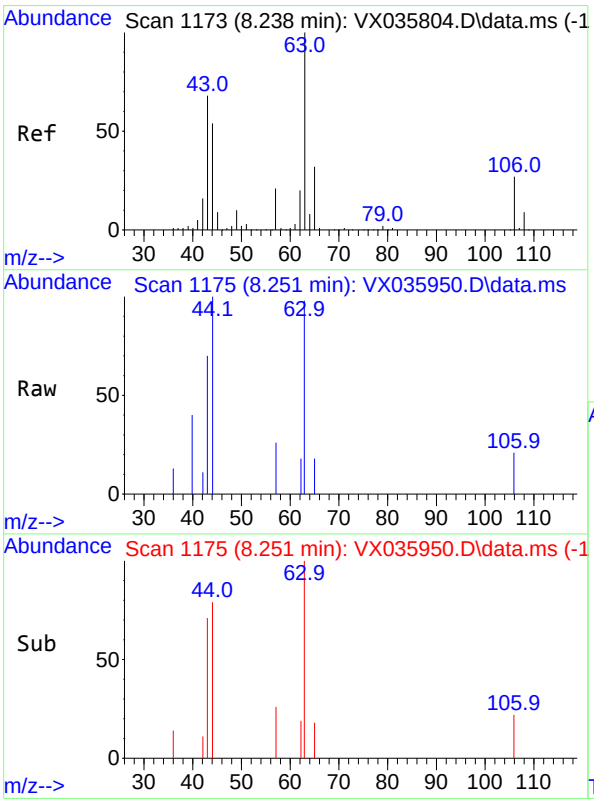
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL01

Tgt Ion:114 Resp: 208815

Ion	Ratio	Lower	Upper
114	100		
63	21.7	18.0	27.0
88	17.0	13.3	19.9

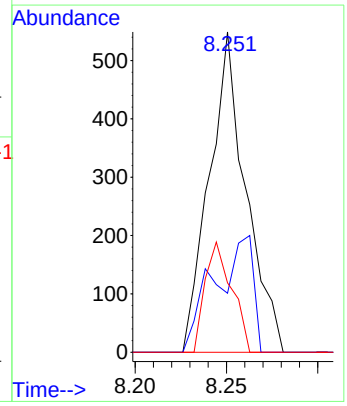


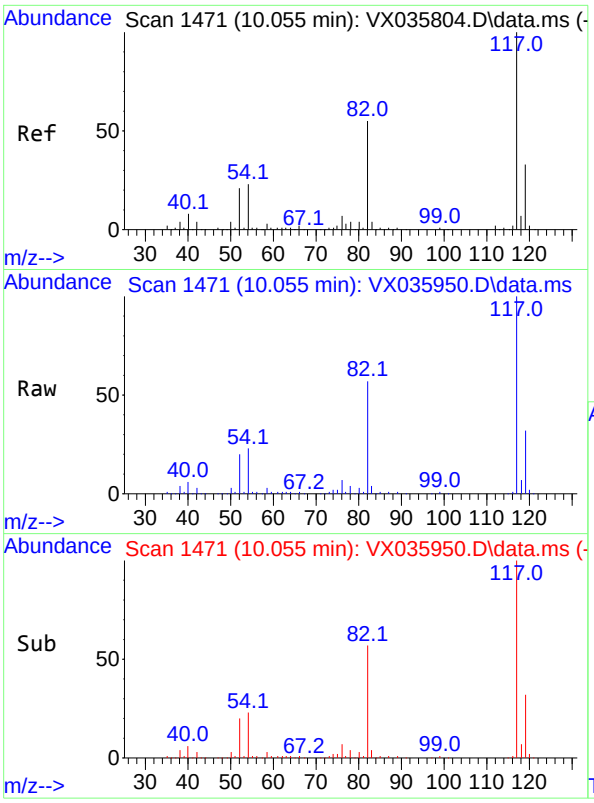


#55
2-Chloroethyl vinyl ether
Concen: 0.391 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.012 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

Tgt Ion: 63 Resp: 764

Ion	Ratio	Lower	Upper
63	100		
65	19.9	25.4	38.2#
106	25.1	21.6	32.4



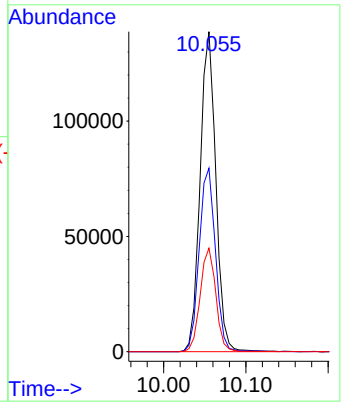


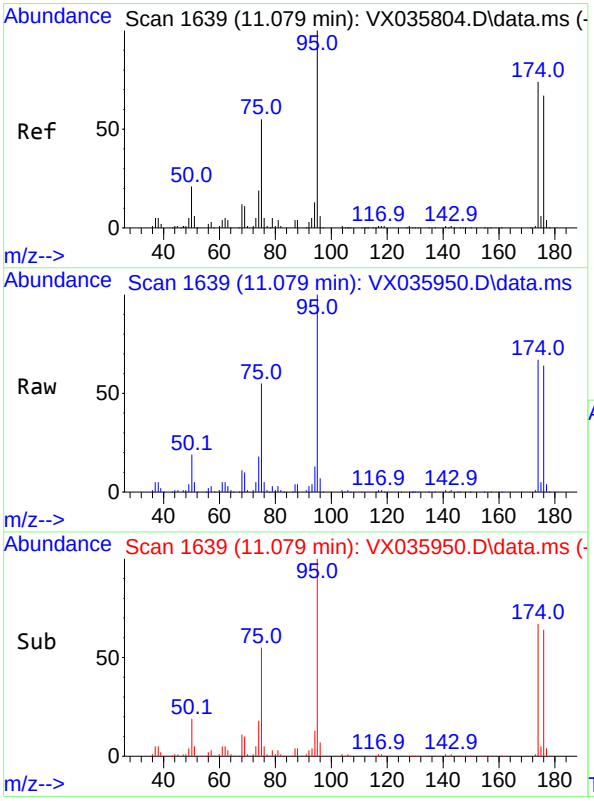
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL01

Tgt Ion:117 Resp: 183975

Ion	Ratio	Lower	Upper
117	100		
82	59.2	45.8	68.8
119	32.2	25.4	38.0

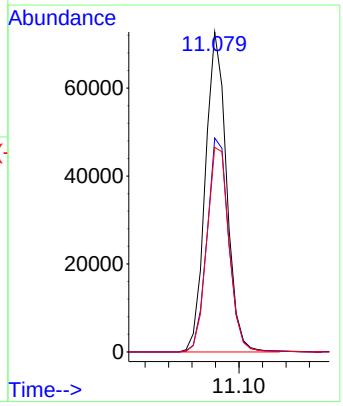


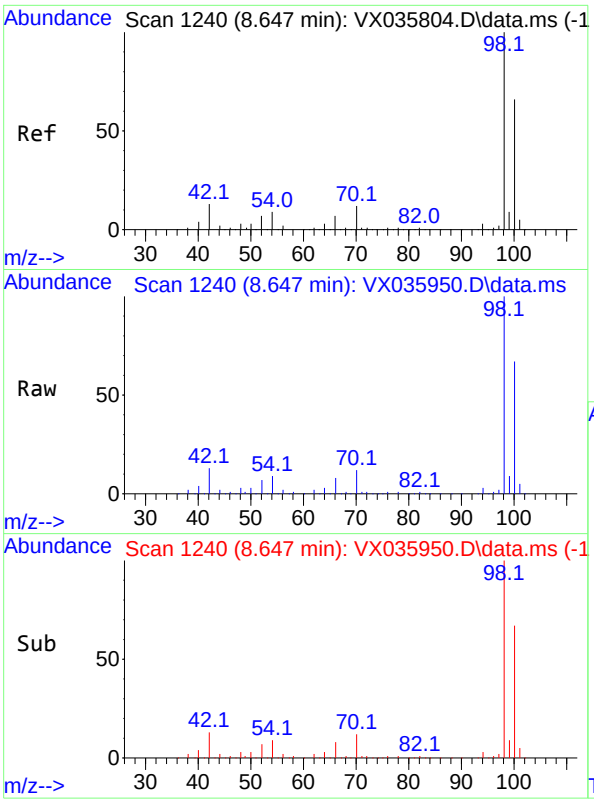


#60
4-Bromofluorobenzene
Concen: 29.451 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

Tgt Ion: 95 Resp: 90916

Ion	Ratio	Lower	Upper
95	100		
174	68.9	0.2	0.4#
176	67.0	0.2	0.2#



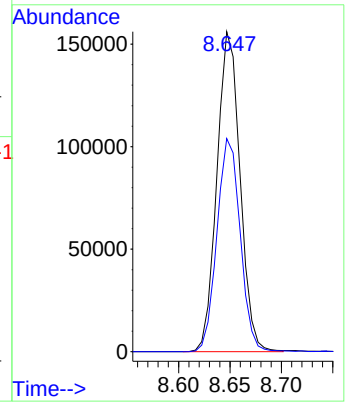


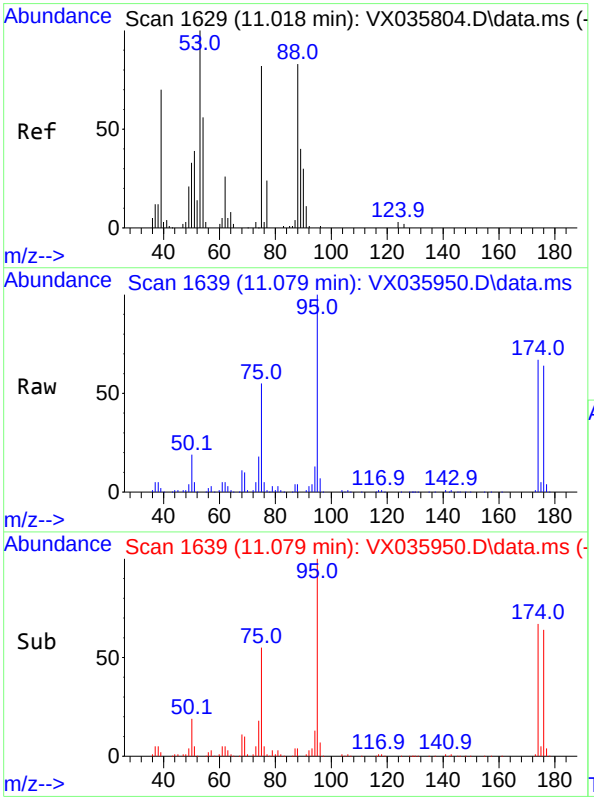
#63
Toluene-d8
Concen: 29.988 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL01

Tgt Ion: 98 Resp: 243901

Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.1	78.1

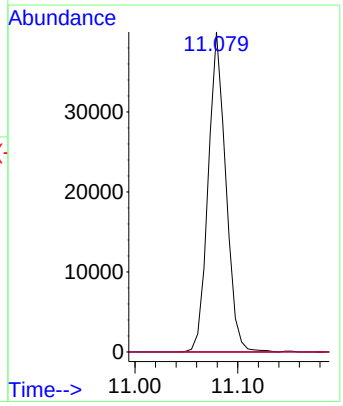


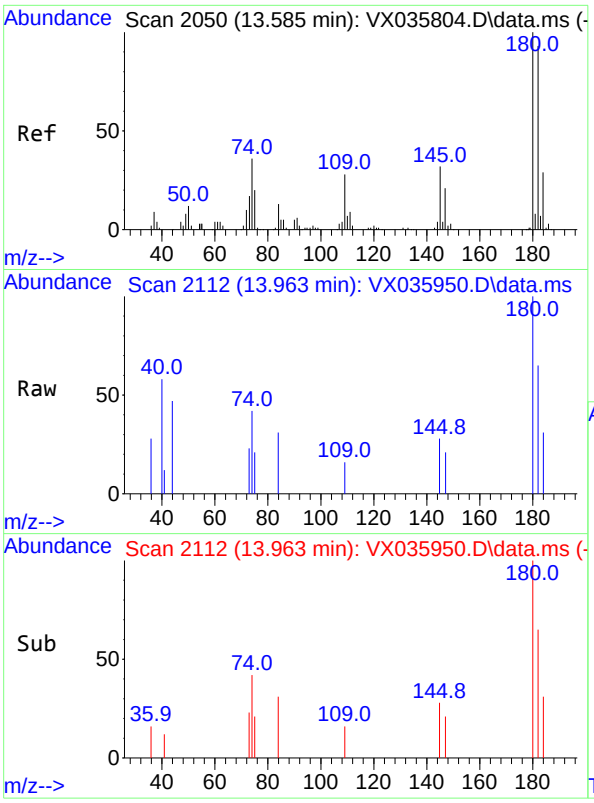


#77
t-1,4-Dichloro-2-butene
Concen: 49.924 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

Tgt Ion: 75 Resp: 47573

Ion	Ratio	Lower	Upper
75	100		
53	0.0	58.2	174.6#
89	0.0	20.6	61.8#



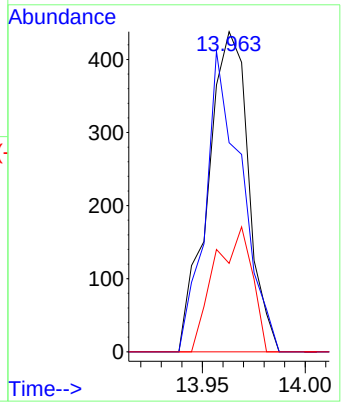


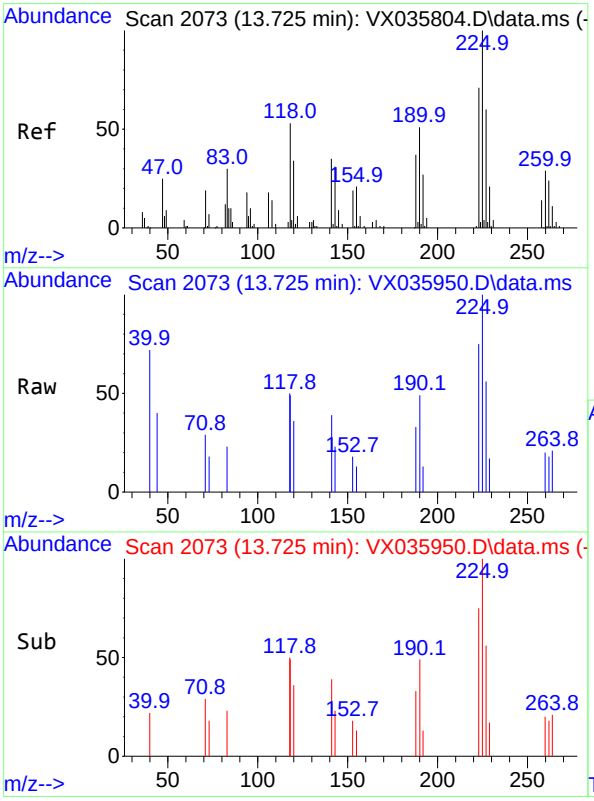
#89
1,2,4-Trichlorobenzene
Concen: 0.218 ug/l
RT: 13.963 min Scan# 21
Delta R.T. 0.378 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL01

Tgt Ion:180 Resp: 602

Ion	Ratio	Lower	Upper
180	100		
182	83.6	75.8	113.8
145	36.0	25.8	38.6

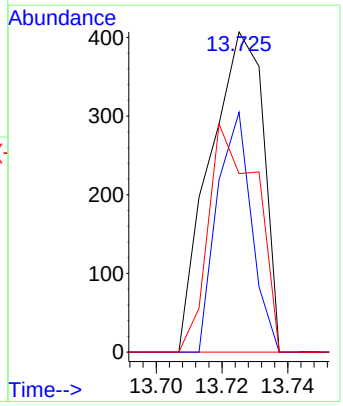


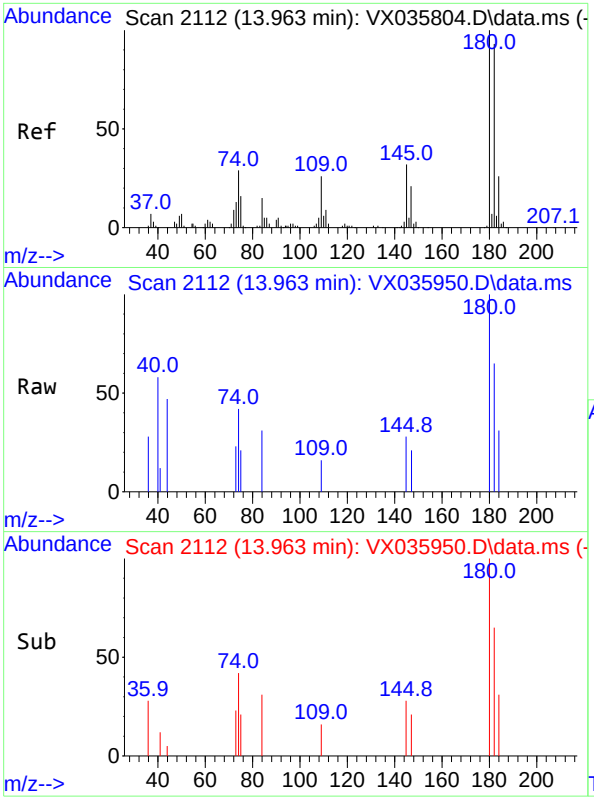


#90
Hexachlorobutadiene
Concen: 0.451 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

Tgt Ion:225 Resp: 460

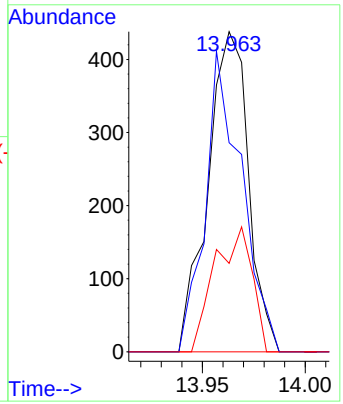
Ion	Ratio	Lower	Upper
225	100		
223	48.3	0.0	124.2
227	63.7	0.0	122.8





#92
1,2,3-Trichlorobenzene
Concen: 0.218 ug/l
RT: 13.963 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL01

Tgt Ion:180 Resp: 602

Ion	Ratio	Lower	Upper
180	100		
182	83.6	0.0	191.0
145	36.0	0.0	66.8