Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060122\
Data File : VX029118.D
Acq On : 01 Jun 2022 15:10
Operator : JC/MD
Sample : N3022-08 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

Quant Time: Jun 02 04:47:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	328150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	564706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	554107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	262051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	186175	50.313	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.620%			
35) Dibromofluoromethane	5.391	113	185290	49.399	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.800%			
50) Toluene-d8	8.653	98	661106	48.190	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.380%			
62) 4-Bromofluorobenzene	11.079	95	253407	47.786	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1628	0.571	ug/l	97
4) Vinyl Chloride	1.374	62	18090	5.510	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	1718	0.568	ug/l	89
12) 1,1-Dichloroethene	2.325	96	1932	0.653	ug/l #	72
21) trans-1,2-Dichloroethene	3.093	96	10704	3.208	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	360686	90.642	ug/l	83
44) Trichloroethene	7.129	130	472283	112.324	ug/l	98

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

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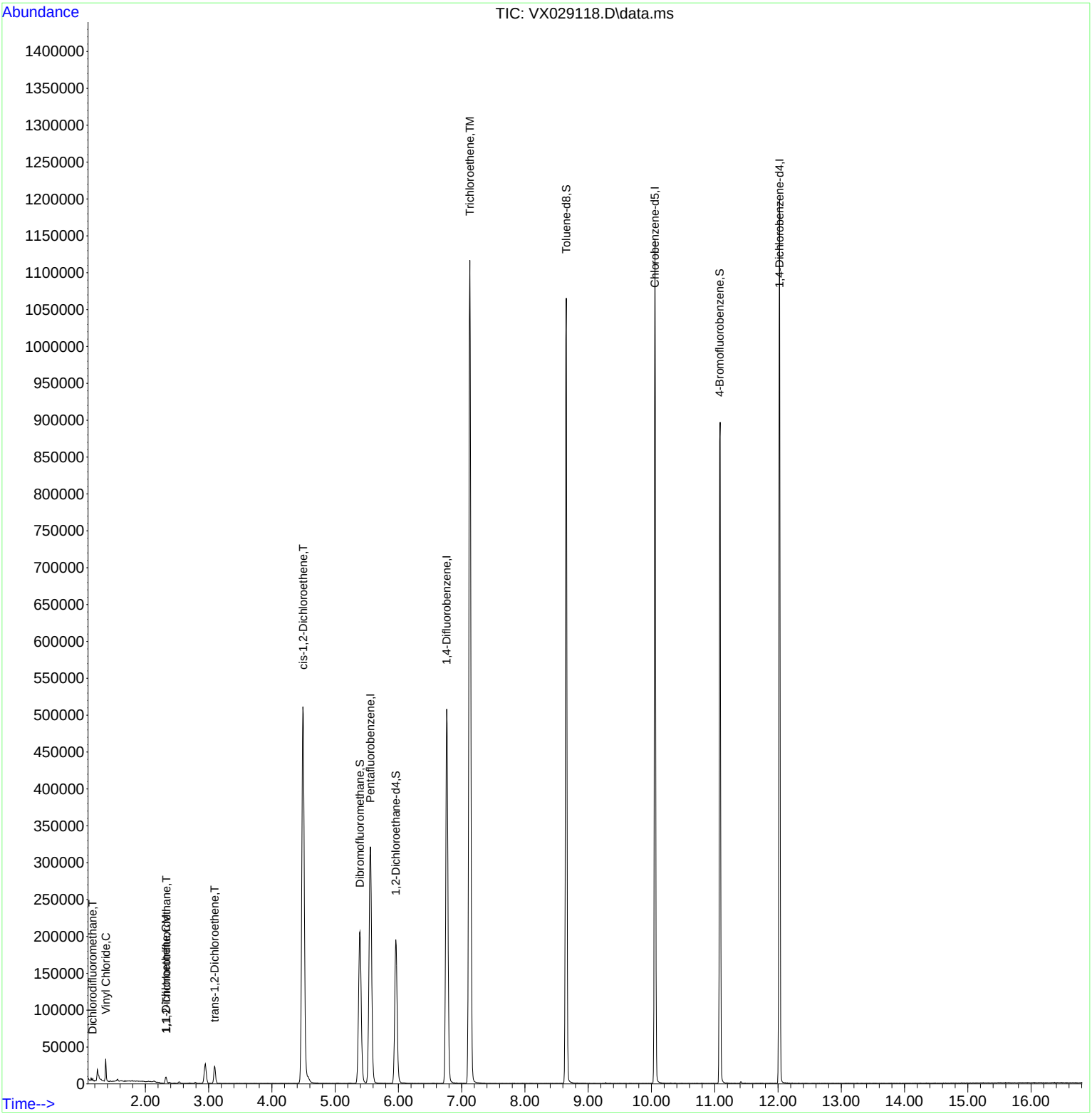
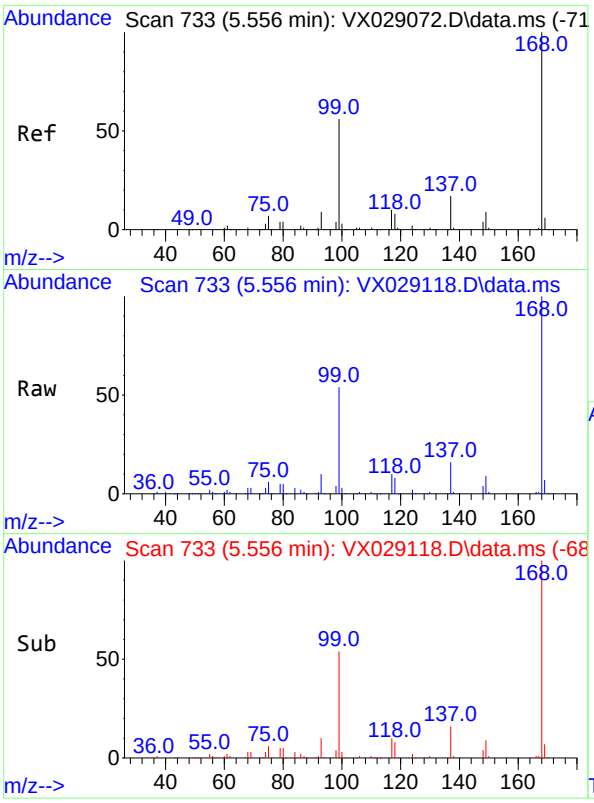


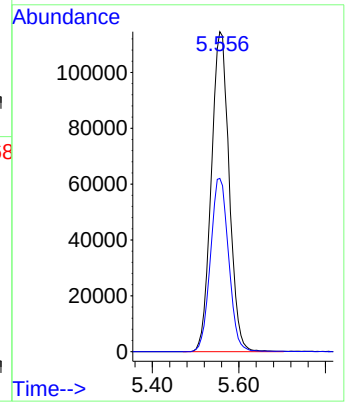


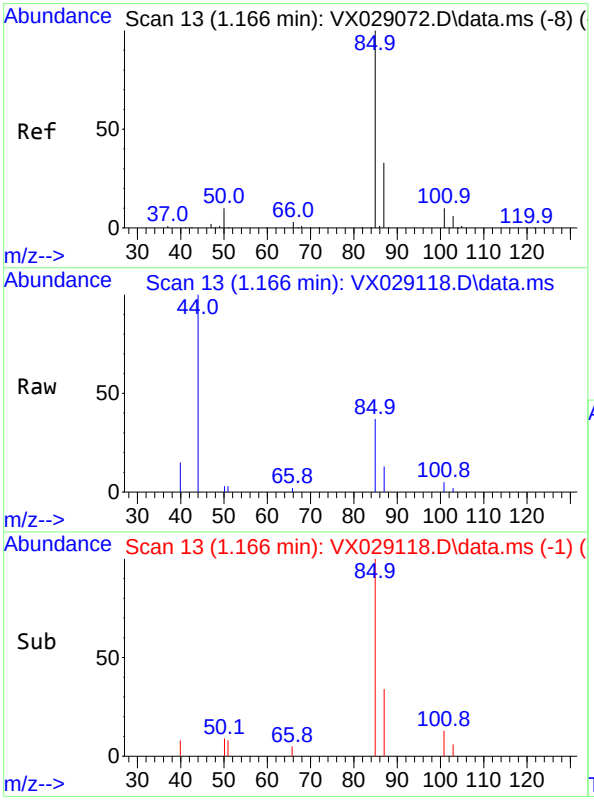
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX029118.D
Acq: 01 Jun 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

Tgt Ion:168 Resp: 328150

Ion	Ratio	Lower	Upper
168	100		
99	54.2	41.7	62.5

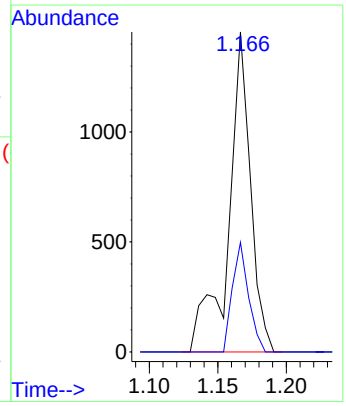


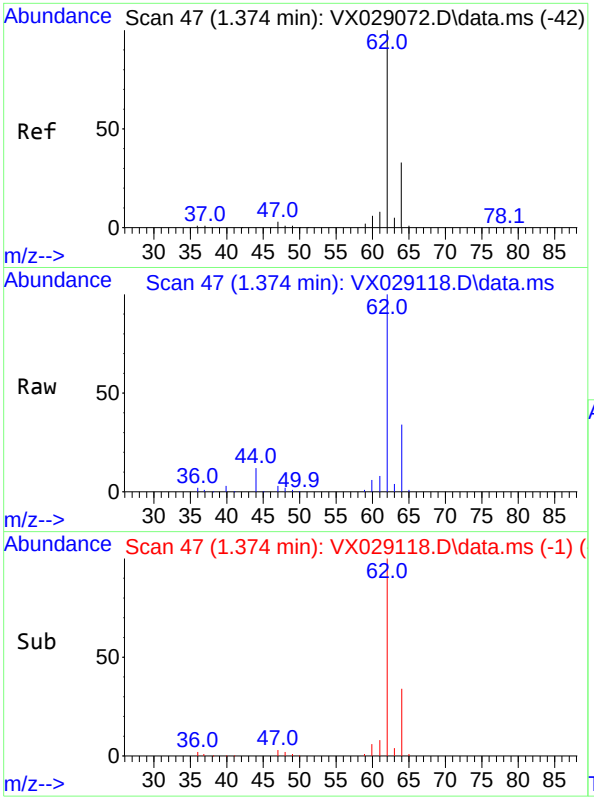


#2
Dichlorodifluoromethane
Concen: 0.571 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029118.D
Acq: 01 Jun 2022 15:10

Tgt Ion: 85 Resp: 1628

Ion	Ratio	Lower	Upper
85	100		
87	34.2	16.2	48.6



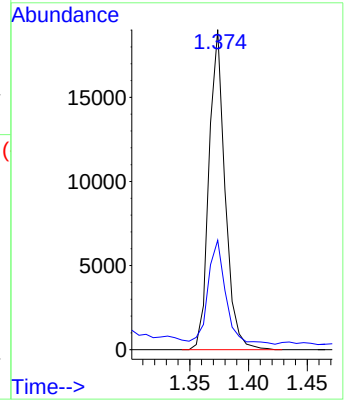


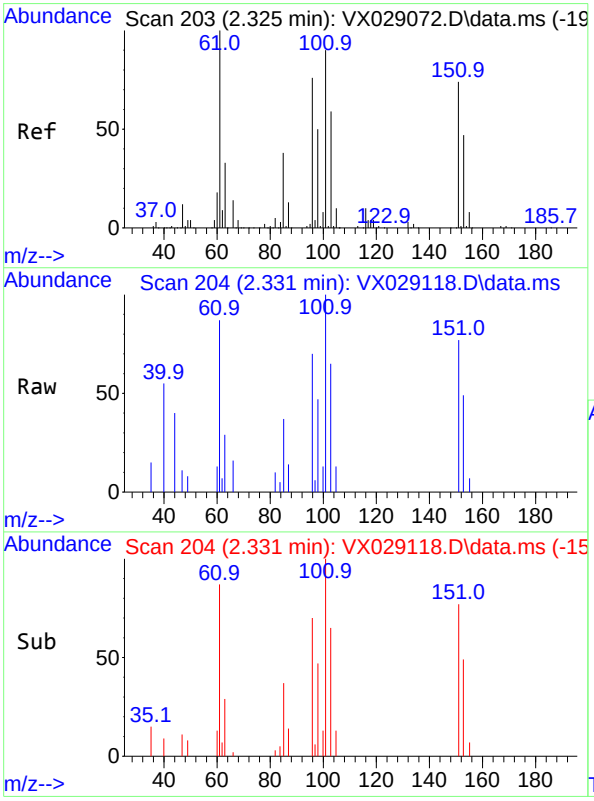
#4
Vinyl Chloride
Concen: 5.510 ug/l
RT: 1.374 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX029118.D
Acq: 01 Jun 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

Tgt Ion: 62 Resp: 18090

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.5	38.3

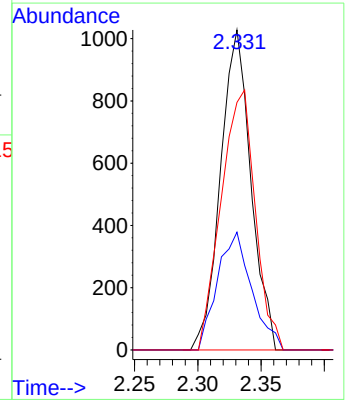


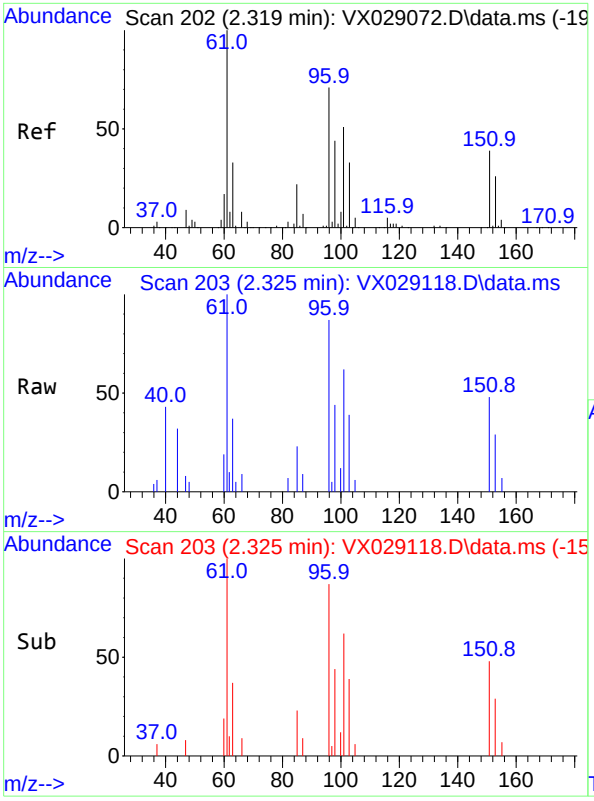


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.568 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX029118.D
Acq: 01 Jun 2022 15:10

Tgt Ion:101 Resp: 1718

Ion	Ratio	Lower	Upper
101	100		
85	41.5	33.5	50.3
151	91.2	61.8	92.6



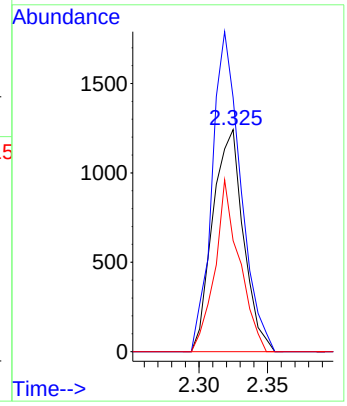


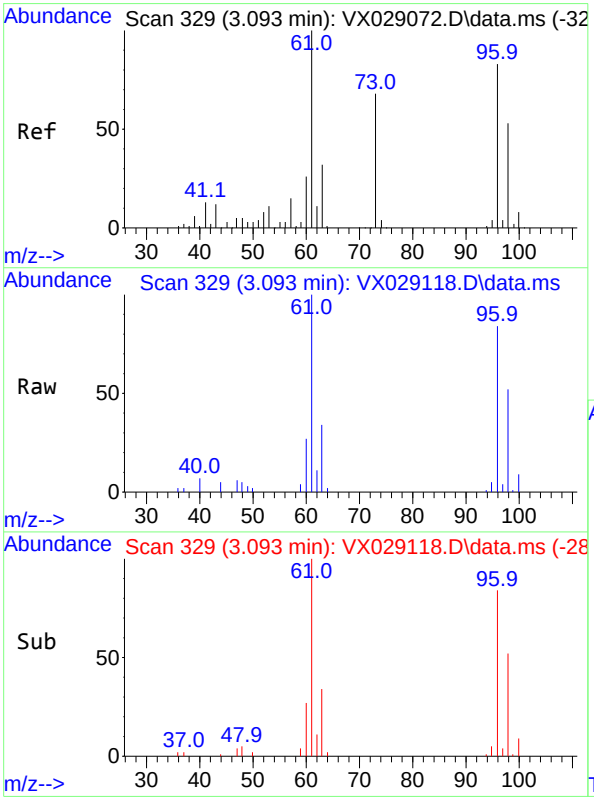
#12
1,1-Dichloroethene
Concen: 0.653 ug/l
RT: 2.325 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX029118.D
Acq: 01 Jun 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

Tgt Ion: 96 Resp: 1932

Ion	Ratio	Lower	Upper
96	100		
61	114.4	124.6	187.0#
98	50.0	51.0	76.4#

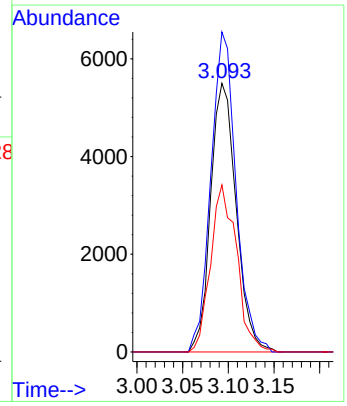


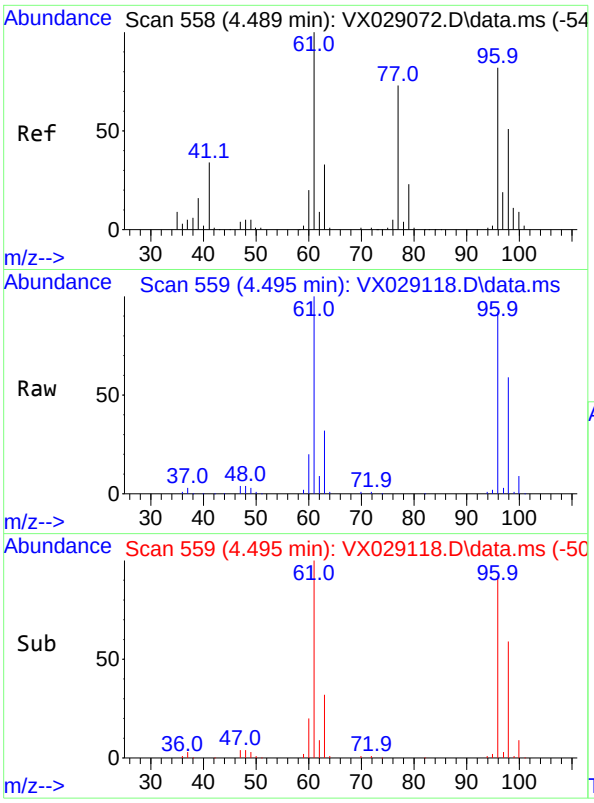


#21
trans-1,2-Dichloroethene
Concen: 3.208 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX029118.D
Acq: 01 Jun 2022 15:10

Tgt Ion: 96 Resp: 10704

Ion	Ratio	Lower	Upper
96	100		
61	119.1	105.4	158.2
98	62.2	50.0	75.0



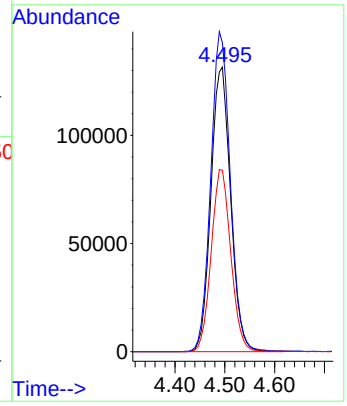


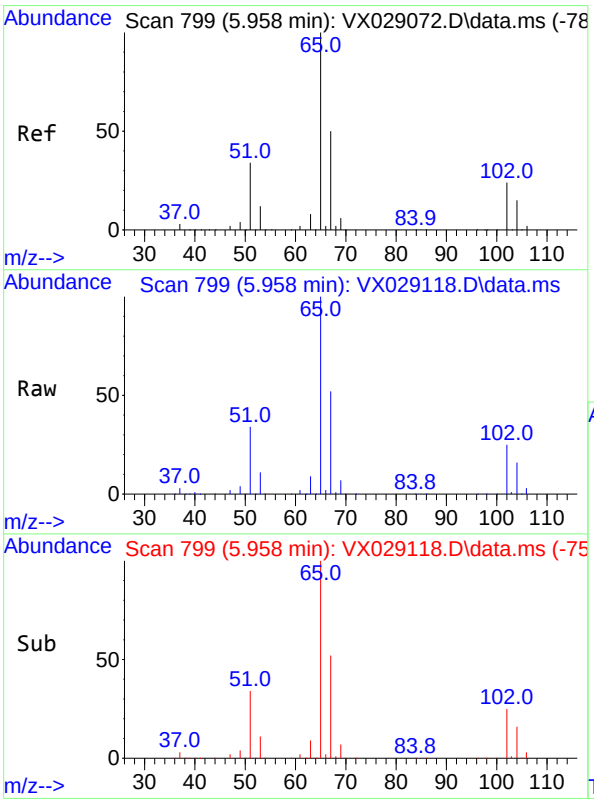
#27
cis-1,2-Dichloroethene
Concen: 90.642 ug/l
RT: 4.495 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX029118.D
Acq: 01 Jun 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

Tgt Ion: 96 Resp: 360686

Ion	Ratio	Lower	Upper
96	100		
61	111.9	0.0	283.8
98	63.7	0.0	129.8

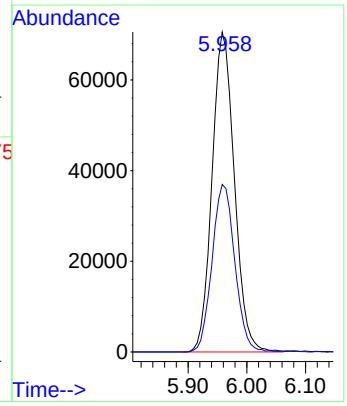


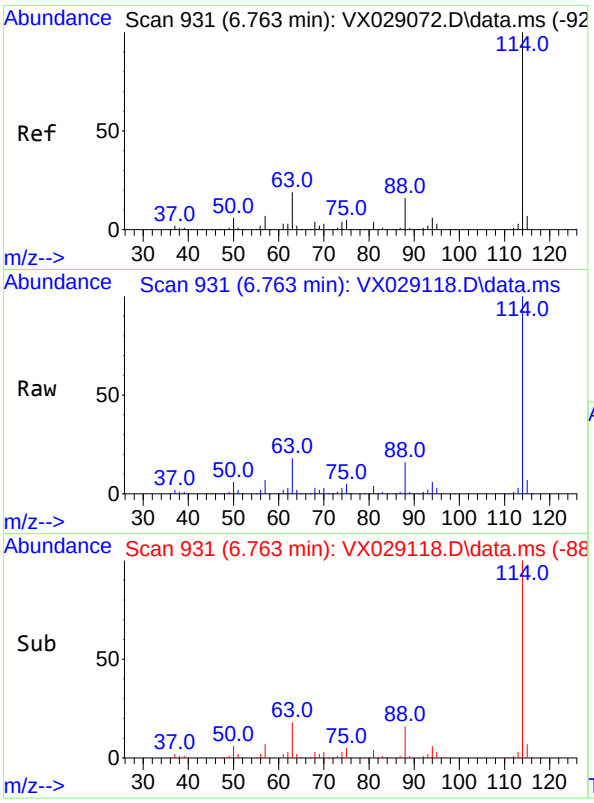


#33
1,2-Dichloroethane-d4
Concen: 50.313 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029118.D
Acq: 01 Jun 2022 15:10

Tgt Ion: 65 Resp: 186175

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.4



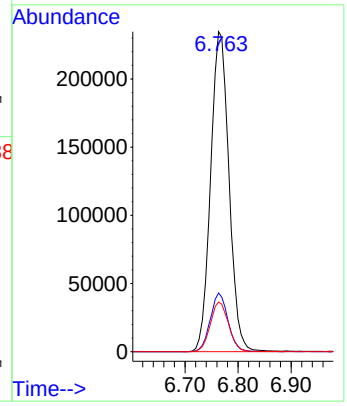


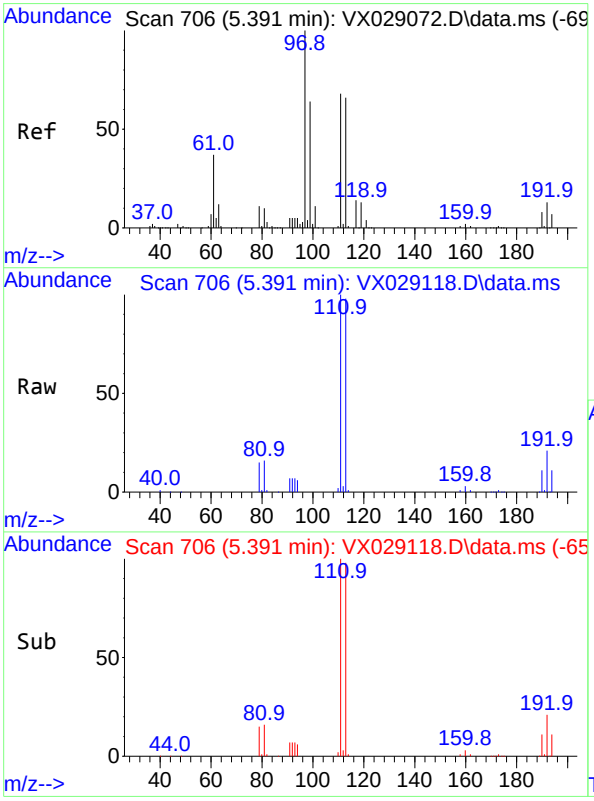
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX029118.D
Acq: 01 Jun 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

Tgt Ion:114 Resp: 564706

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.8
88	15.5	0.0	32.4

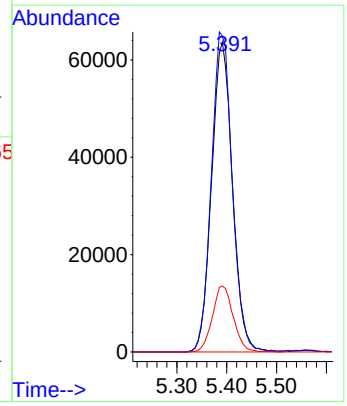


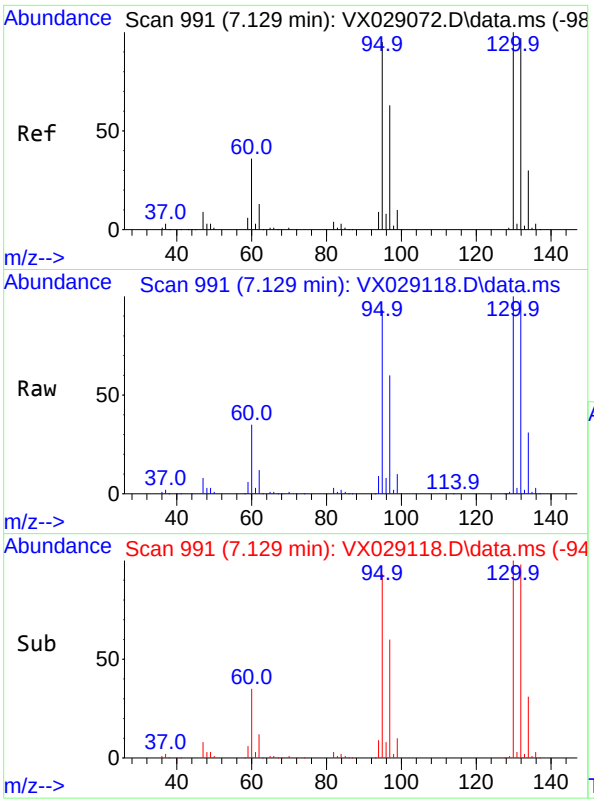


#35
Dibromofluoromethane
Concen: 49.399 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029118.D
Acq: 01 Jun 2022 15:10

Tgt Ion:113 Resp: 185290

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.8	124.2
192	21.2	16.9	25.3



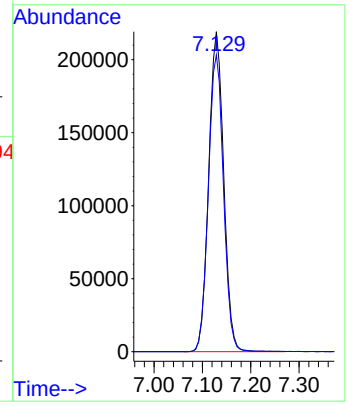


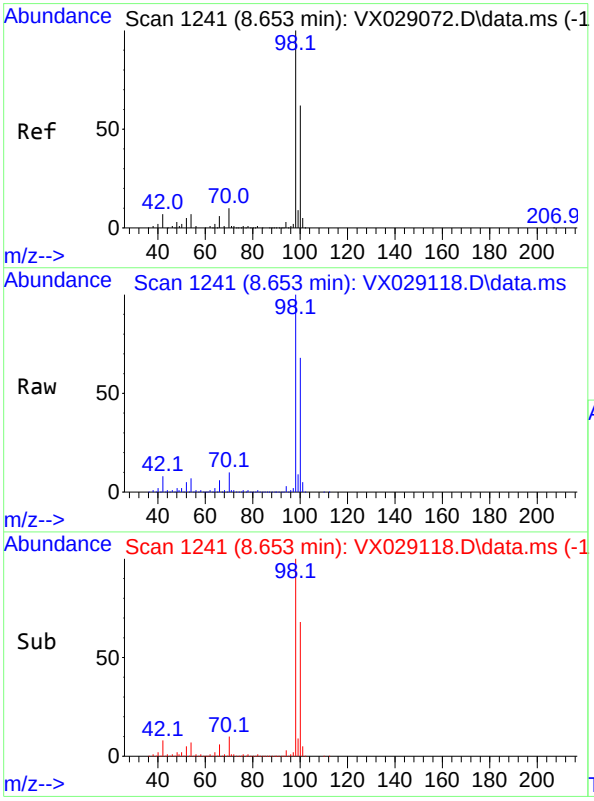
#44
Trichloroethene
Concen: 112.324 ug/l
RT: 7.129 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX029118.D
Acq: 01 Jun 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

Tgt Ion:130 Resp: 472283

Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	188.8

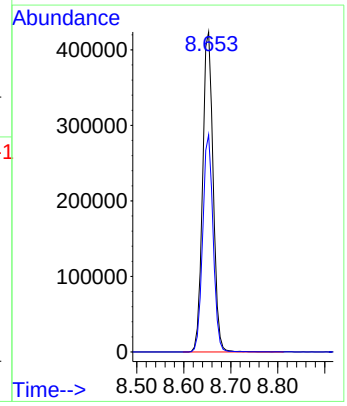


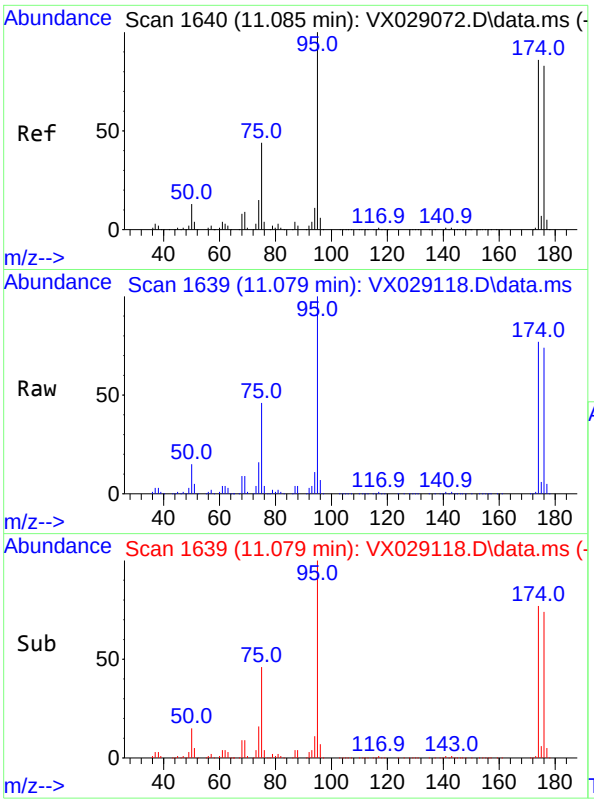


#50
Toluene-d8
Concen: 48.190 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029118.D
Acq: 01 Jun 2022 15:10

Tgt Ion: 98 Resp: 661106

Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.6	78.8



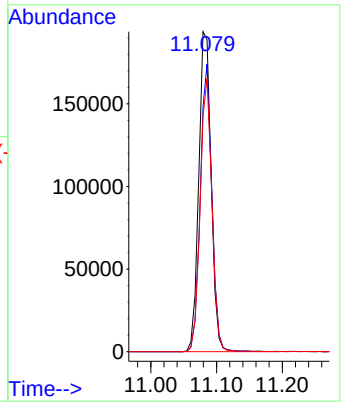


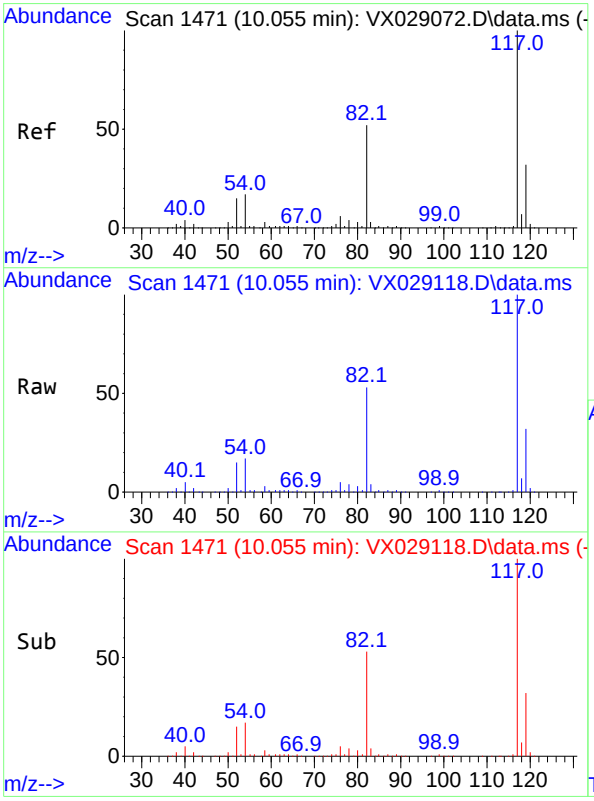
#62
4-Bromofluorobenzene
Concen: 47.786 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX029118.D
Acq: 01 Jun 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

Tgt Ion: 95 Resp: 253407

Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	163.0
176	81.3	0.0	155.0

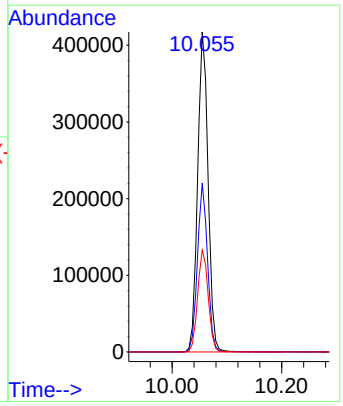


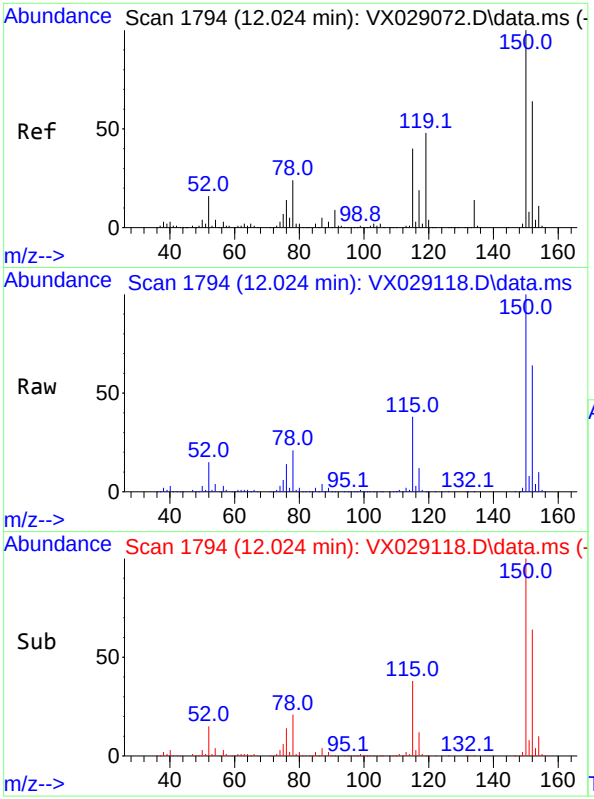


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029118.D
Acq: 01 Jun 2022 15:10

Tgt Ion:117 Resp: 554107

Ion	Ratio	Lower	Upper
117	100		
82	52.8	41.8	62.8
119	31.9	24.8	37.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029118.D
Acq: 01 Jun 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
15BR-20220525

Tgt Ion:152 Resp: 262051

Ion	Ratio	Lower	Upper
152	100		
115	59.5	37.5	112.7
150	157.2	0.0	338.2