Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
Data File : VX042031.D
Acq On : 25 Jun 2024 14:46
Operator : JC/MD
Sample : P3054-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-257-278-062424-FD

Quant Time: Jun 26 05:38:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	140074	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	215022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70683	43.760	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.520%		
35) Dibromofluoromethane	5.391	113	67738	44.398	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.800%		
50) Toluene-d8	8.647	98	255045	47.584	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.160%		
62) 4-Bromofluorobenzene	11.079	95	96542	48.863	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.720%		
Target Compounds						Qvalue
16) Acetone	2.392	43	1638	2.309	ug/l	91
18) Methyl Acetate	2.709	43	1903	0.984	ug/l	100
44) Trichloroethene	7.135	130	1841	1.257	ug/l	80
52) Toluene	8.720	92	10295	2.959	ug/l	96
95) Naphthalene	13.780	128	7542	1.704	ug/l #	95

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

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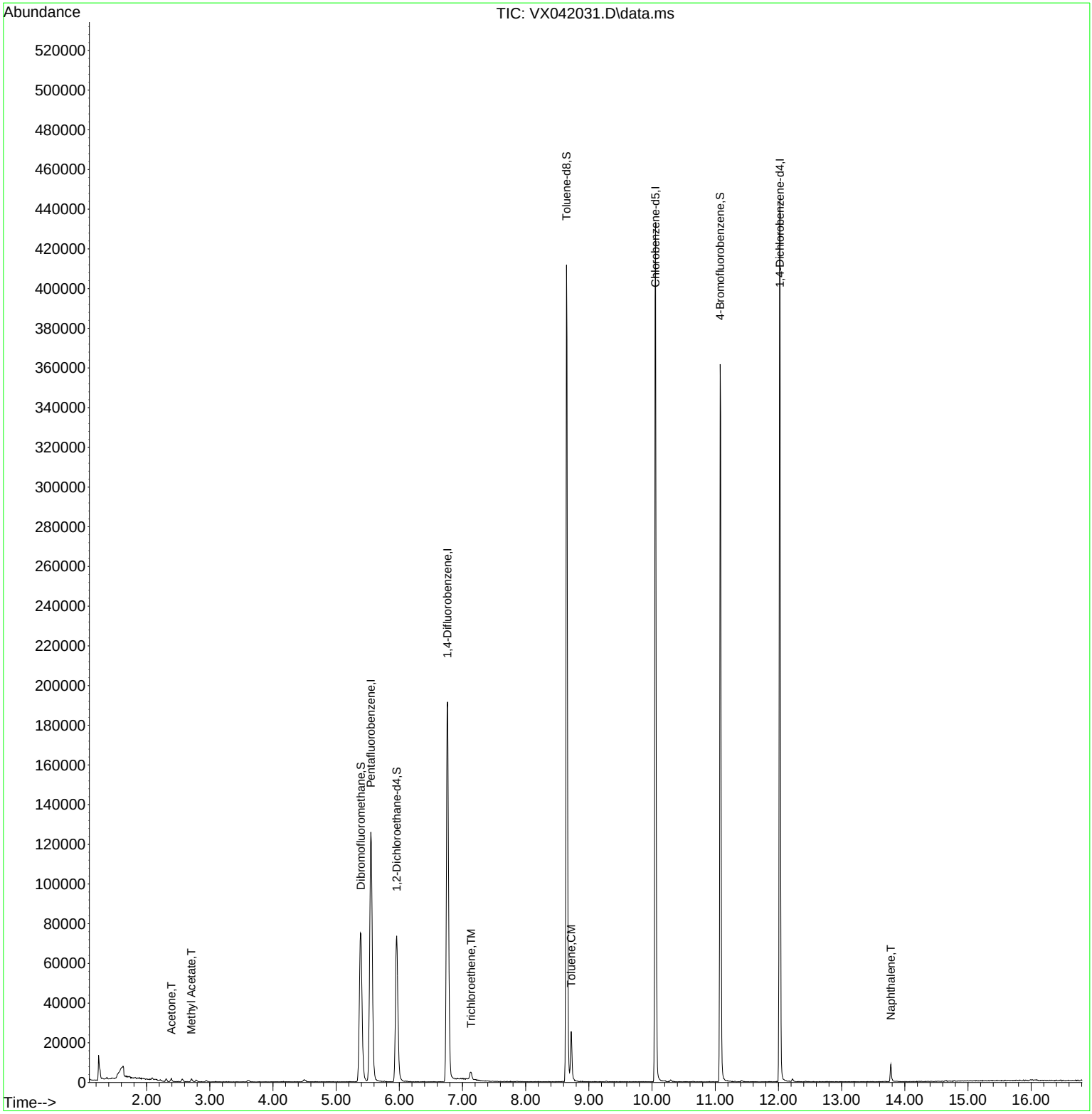
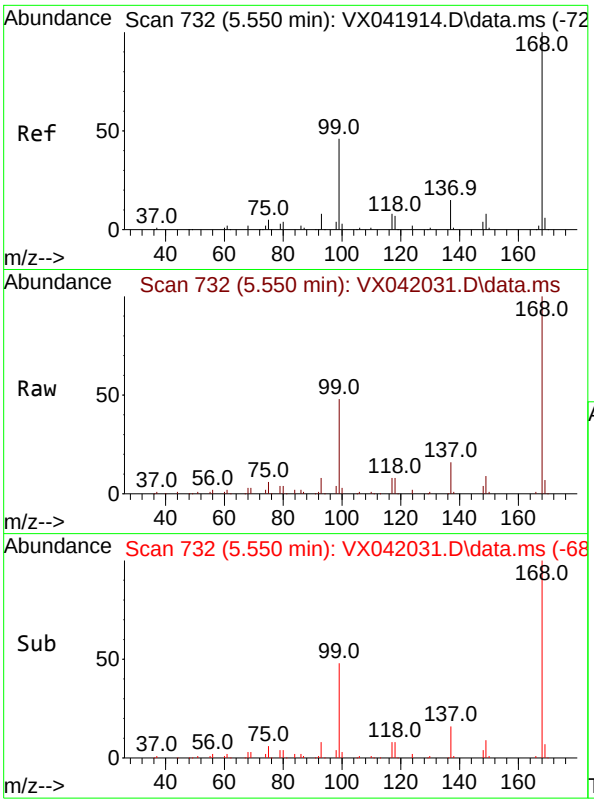


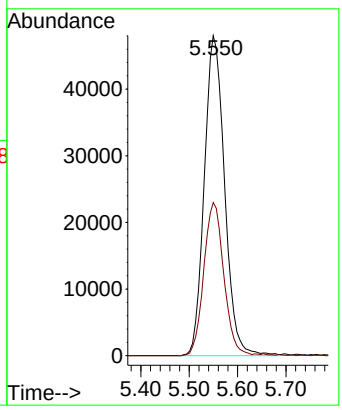


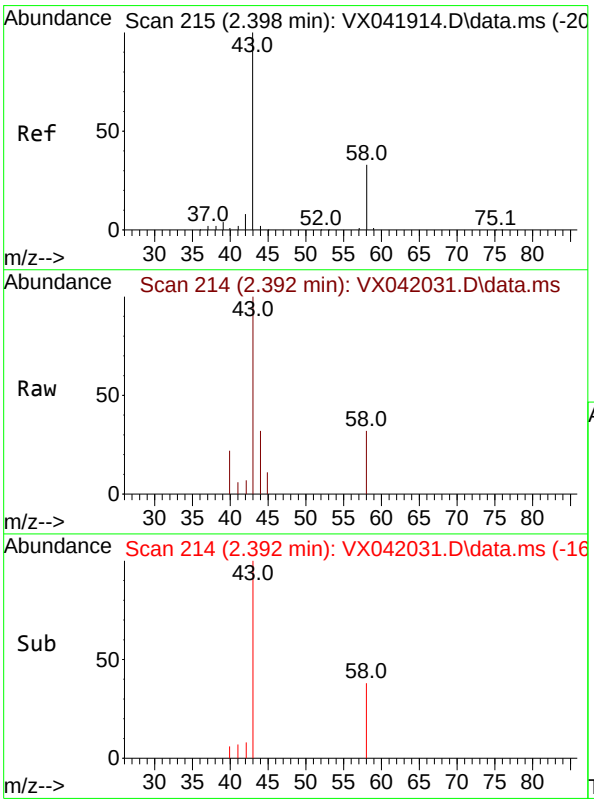
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX042031.D
Acq: 25 Jun 2024 14:46

Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-257-278-062424-FD

Tgt Ion:168 Resp: 140074

Ion	Ratio	Lower	Upper
168	100		
99	47.9	56.6	85.0#

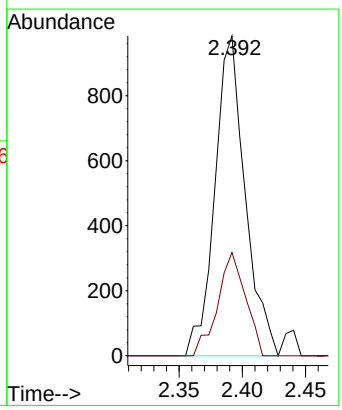


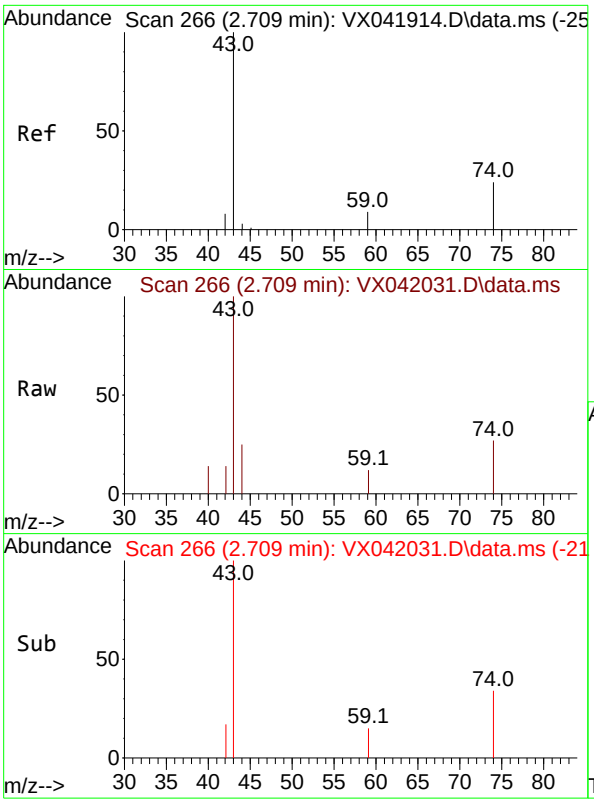


#16
Acetone
Concen: 2.309 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042031.D
Acq: 25 Jun 2024 14:46

Tgt Ion: 43 Resp: 1638

Ion	Ratio	Lower	Upper
43	100		
58	32.3	21.9	32.9



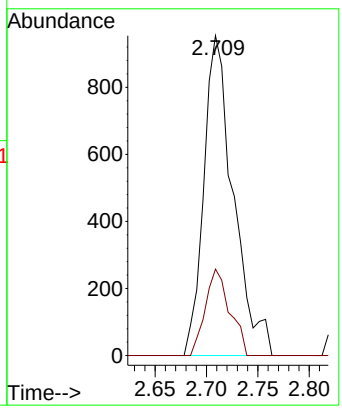


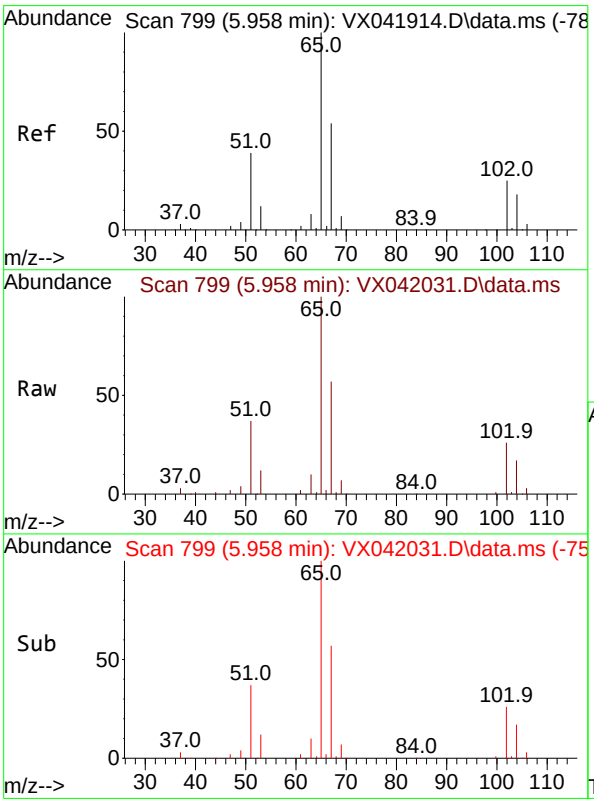
#18
Methyl Acetate
Concen: 0.984 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX042031.D
Acq: 25 Jun 2024 14:46

Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-257-278-062424-FD

Tgt Ion: 43 Resp: 1903

Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.8	26.8

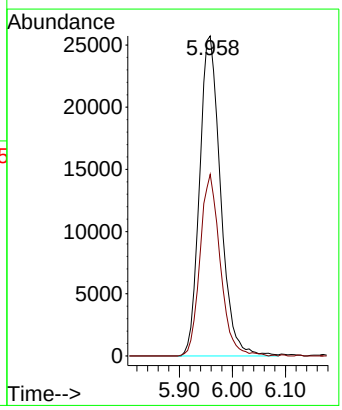


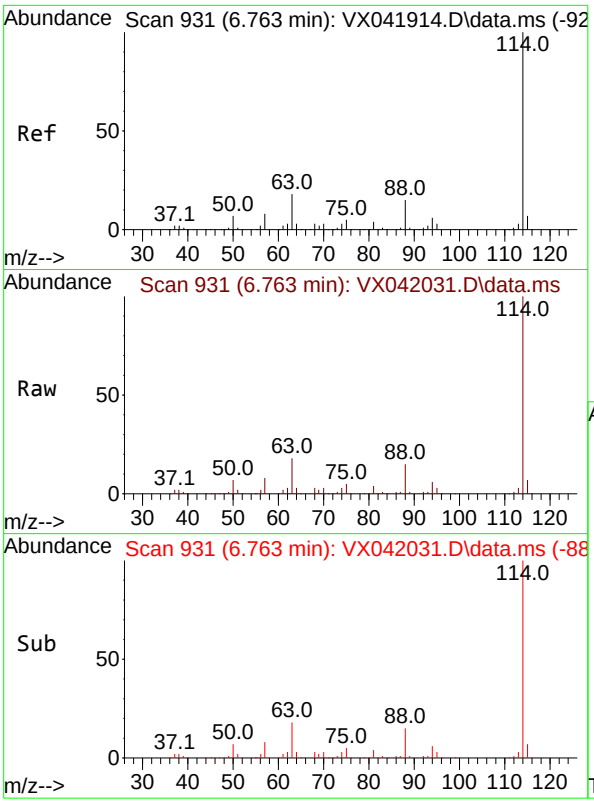


#33
1,2-Dichloroethane-d4
Concen: 43.760 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042031.D
Acq: 25 Jun 2024 14:46

Tgt Ion: 65 Resp: 70683

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	100.2



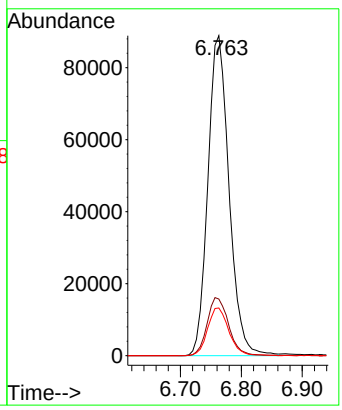


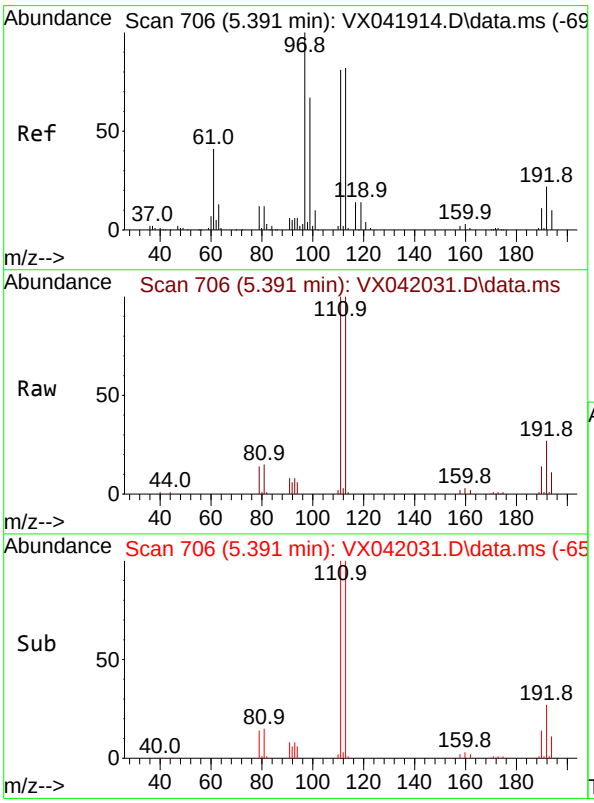
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX042031.D
Acq: 25 Jun 2024 14:46

Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-257-278-062424-FD

Tgt Ion:114 Resp: 215022

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	45.0
88	14.9	0.0	36.6

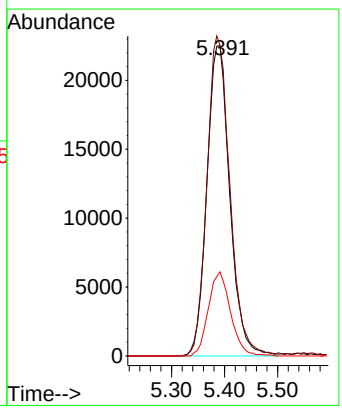


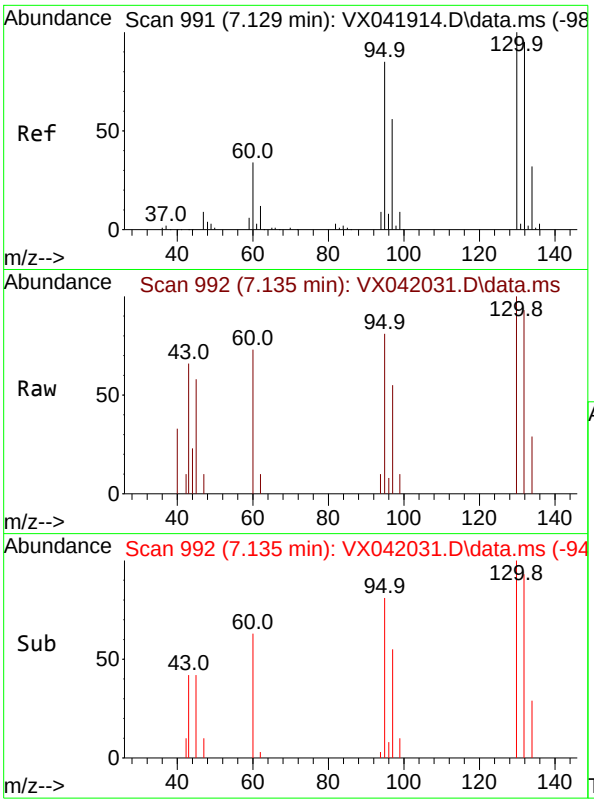


#35
Dibromofluoromethane
Concen: 44.398 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX042031.D
Acq: 25 Jun 2024 14:46

Tgt Ion:113 Resp: 67738

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	26.2	13.3	19.9#



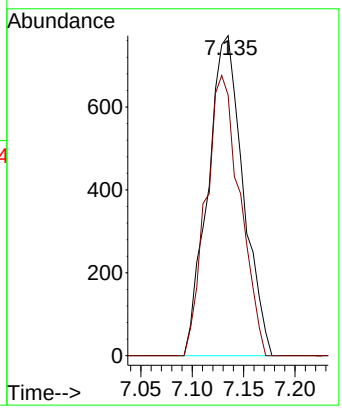


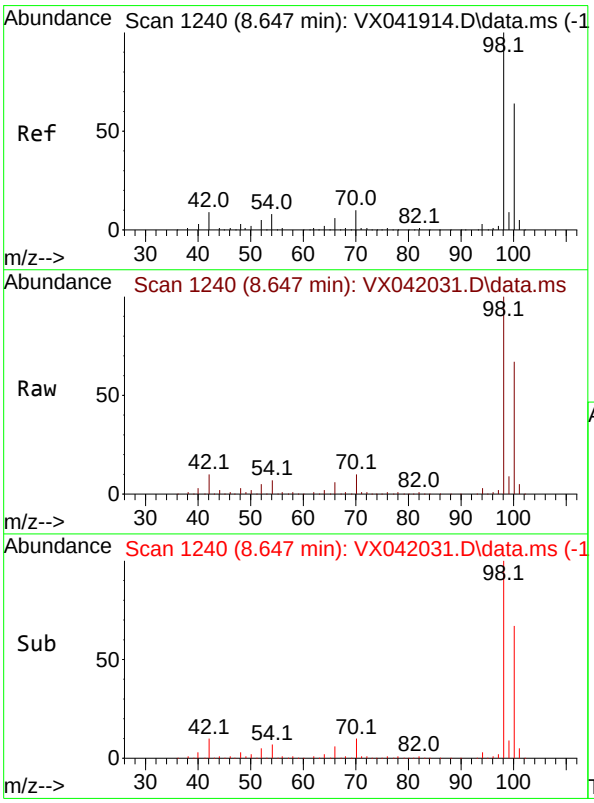
#44
Trichloroethene
Concen: 1.257 ug/l
RT: 7.135 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX042031.D
Acq: 25 Jun 2024 14:46

Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-257-278-062424-FD

Tgt Ion:130 Resp: 1841

Ion	Ratio	Lower	Upper
130	100		
95	81.5	0.0	204.4

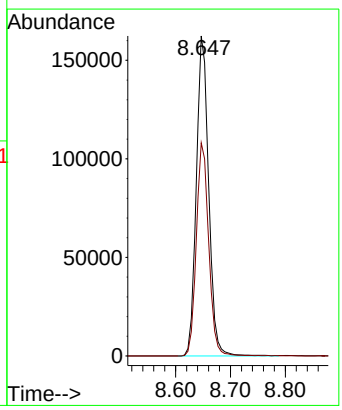


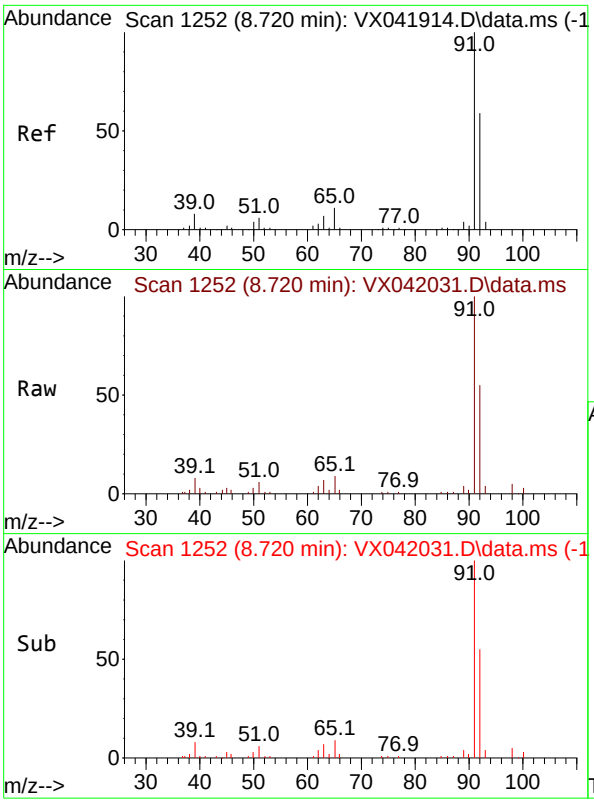


#50
Toluene-d8
Concen: 47.584 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042031.D
Acq: 25 Jun 2024 14:46

Tgt Ion: 98 Resp: 255045

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.1	79.7



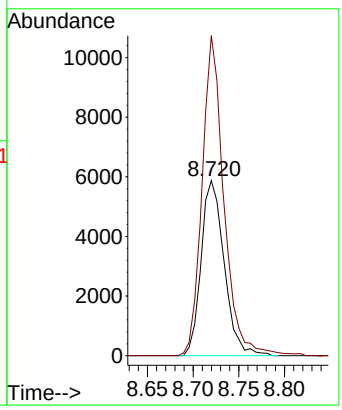


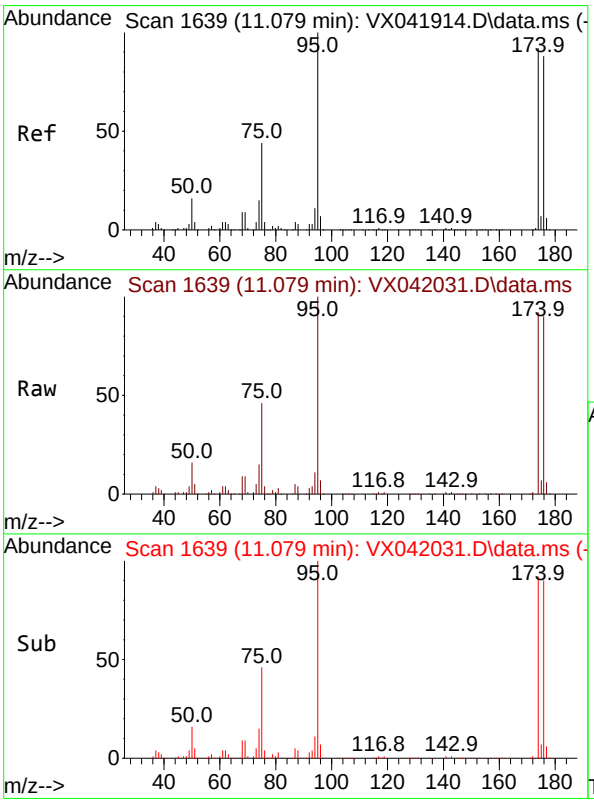
#52
Toluene
Concen: 2.959 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042031.D
Acq: 25 Jun 2024 14:46

Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-257-278-062424-FD

Tgt Ion: 92 Resp: 10295

Ion	Ratio	Lower	Upper
92	100		
91	173.1	134.2	201.2

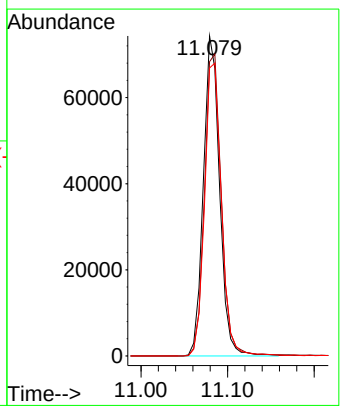


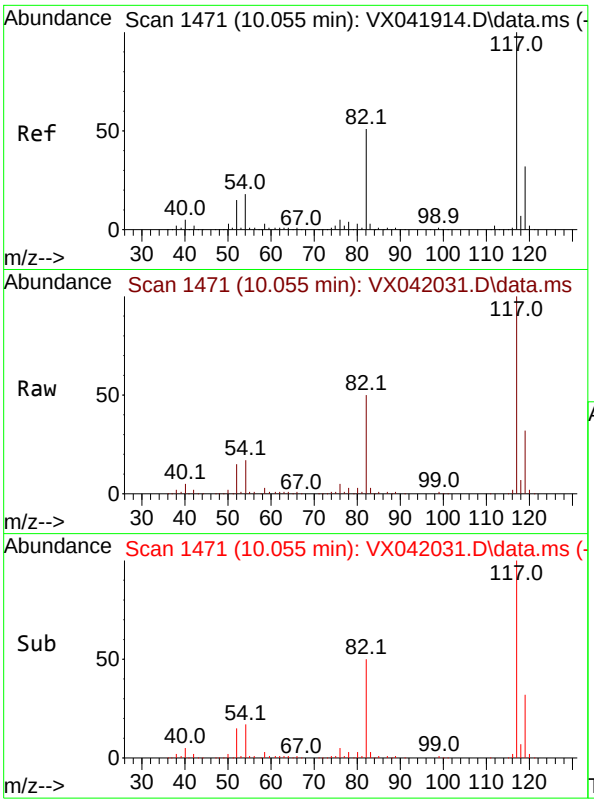


#62
4-Bromofluorobenzene
Concen: 48.863 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042031.D
Acq: 25 Jun 2024 14:46

Tgt Ion: 95 Resp: 96542

Ion	Ratio	Lower	Upper
95	100		
174	98.8	0.0	135.6
176	95.5	0.0	131.0



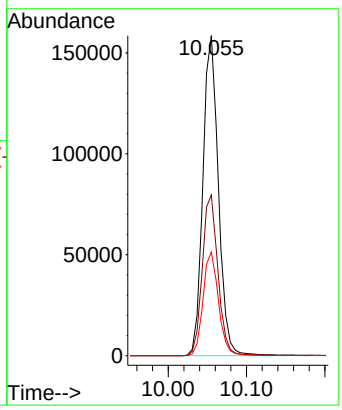


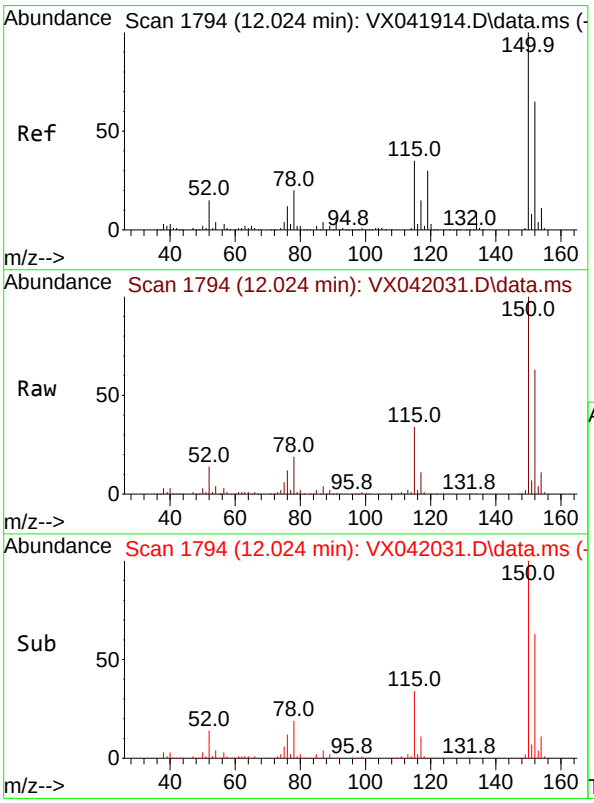
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX042031.D
Acq: 25 Jun 2024 14:46

Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-257-278-062424-FD

Tgt Ion:117 Resp: 217469

Ion	Ratio	Lower	Upper
117	100		
82	50.3	46.2	69.4
119	32.4	25.5	38.3

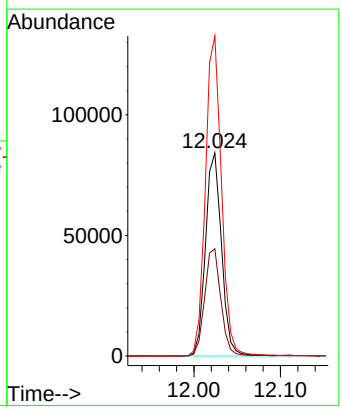


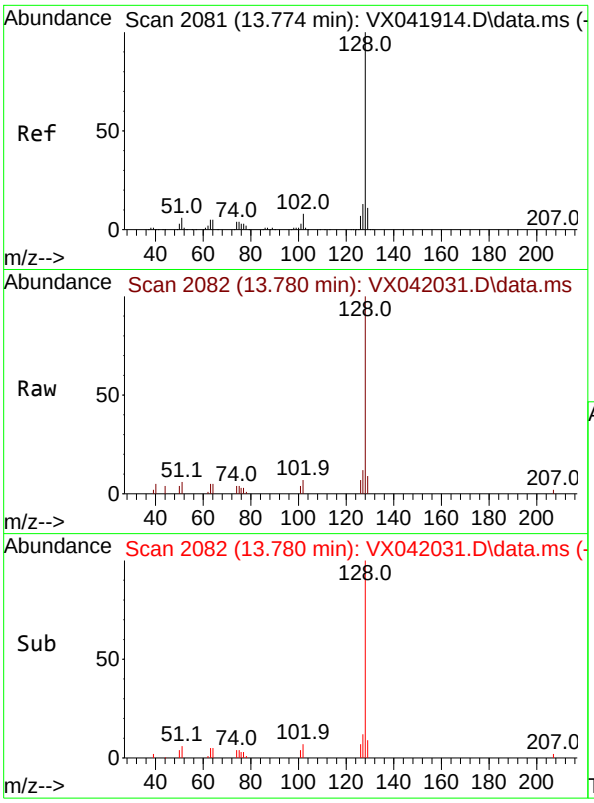


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042031.D
Acq: 25 Jun 2024 14:46

Tgt Ion:152 Resp: 108337

Ion	Ratio	Lower	Upper
152	100		
115	53.6	43.3	129.9
150	157.5	0.0	345.0





#95
Naphthalene
Concen: 1.704 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX042031.D
Acq: 25 Jun 2024 14:46

Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-257-278-062424-FD

Tgt Ion:128 Resp: 7542

Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.3	15.5
129	8.6	8.8	13.2#