Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
Data File : VX029774.D
Acq On : 24 Jun 2022 14:46
Operator : JC/MD
Sample : N3366-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Quant Time: Jun 25 02:01:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	249115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	416331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141723	42.978	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.960%		
35) Dibromofluoromethane	5.391	113	121516	44.787	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.580%		
50) Toluene-d8	8.653	98	472525	47.673	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.340%		
62) 4-Bromofluorobenzene	11.085	95	171790	45.960	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.920%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.965	59	436729	621.486	ug/l	99
16) Acetone	2.380	43	3461	2.633	ug/l	89
19) Methyl tert-butyl Ether	3.117	73	60451	6.899	ug/l	95
22) Diisopropyl ether	3.764	45	46777	5.803	ug/l #	85
40) Benzene	6.050	78	4571	0.420	ug/l	91

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

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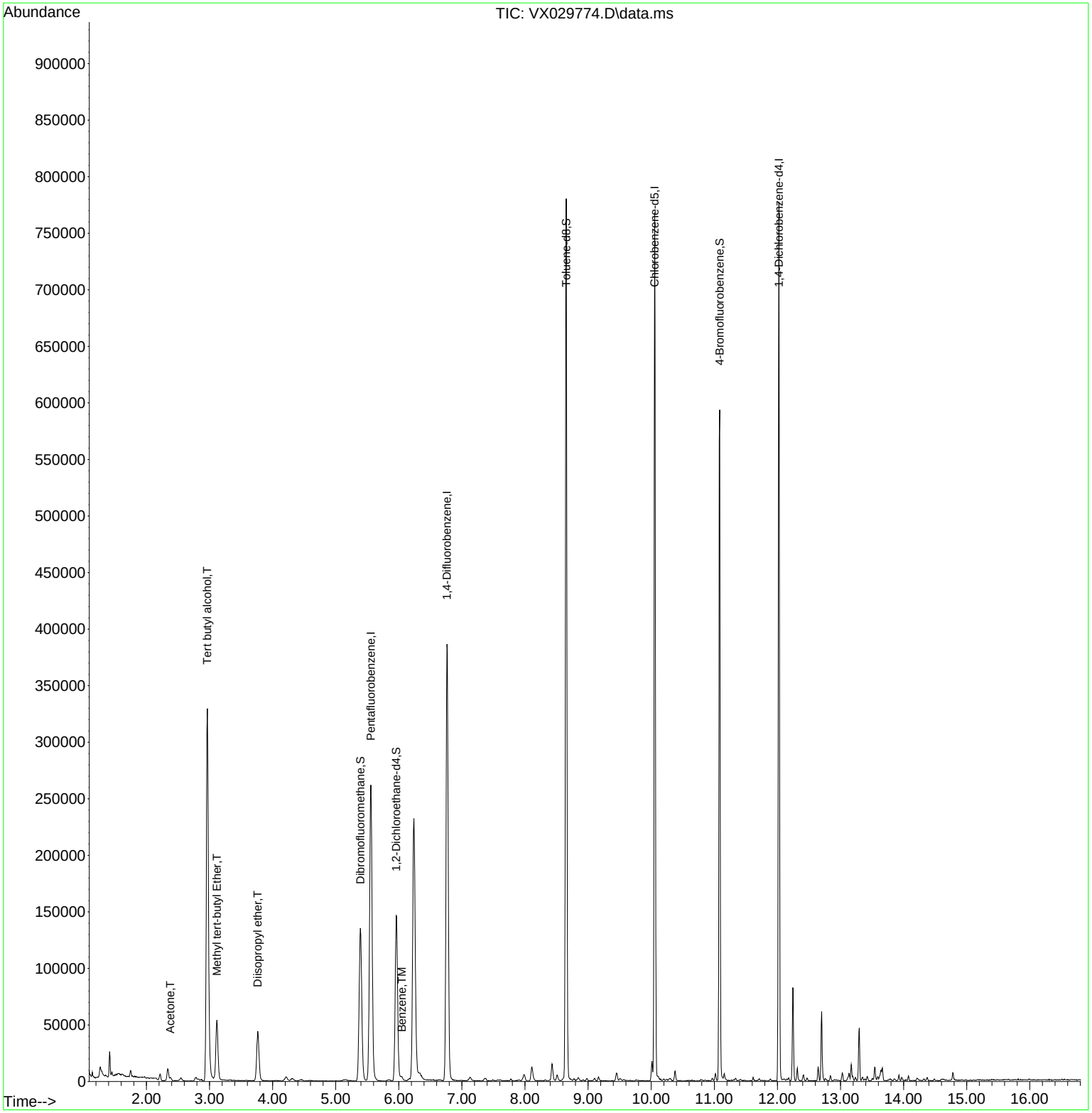
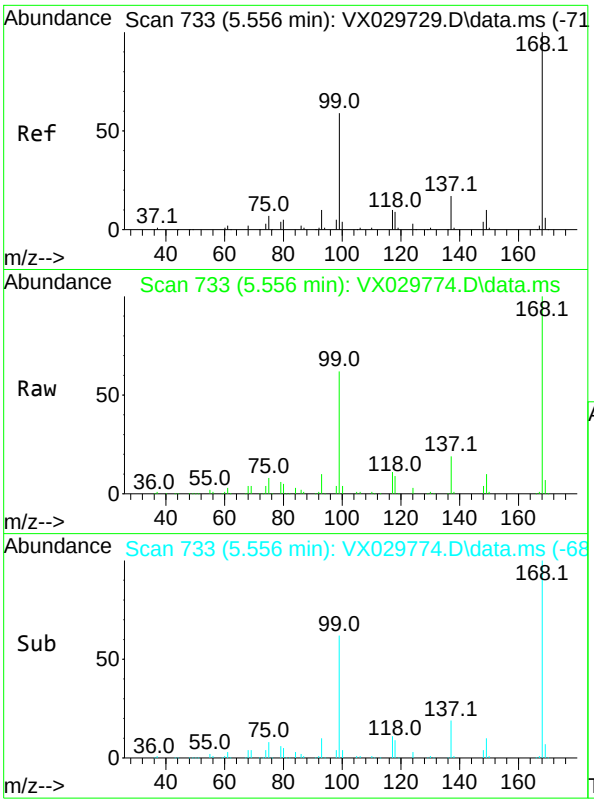


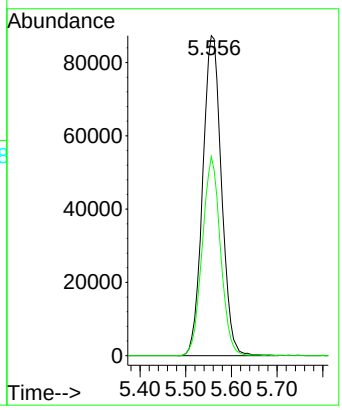


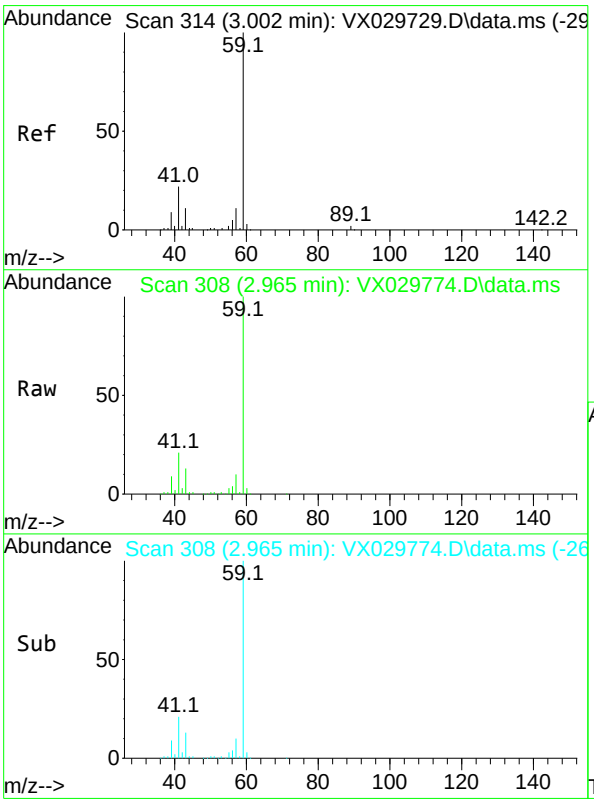
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX029774.D
Acq: 24 Jun 2022 14:46

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Tgt Ion:168 Resp: 249115

Ion	Ratio	Lower	Upper
168	100		
99	62.2	41.7	62.5

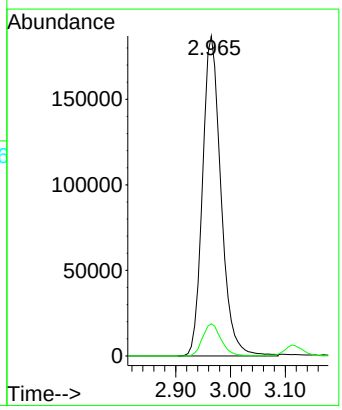


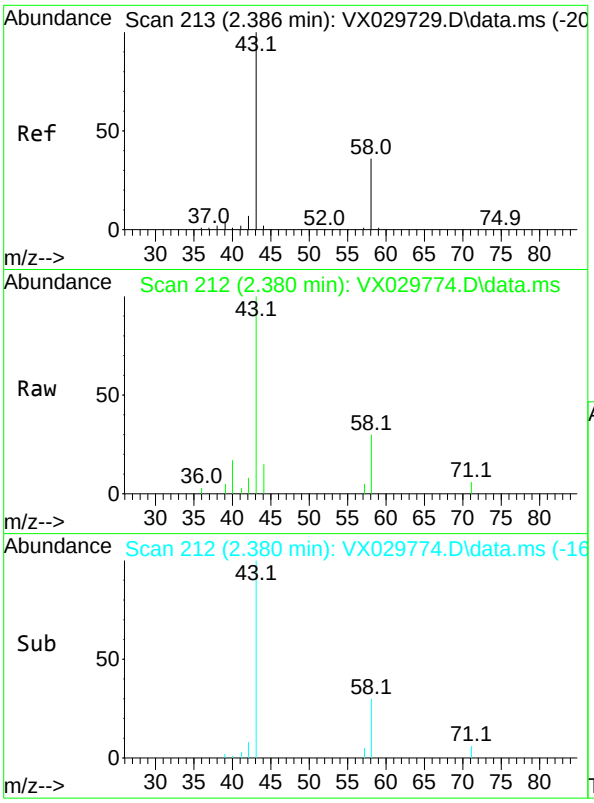


#11
Tert butyl alcohol
Concen: 621.486 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX029774.D
Acq: 24 Jun 2022 14:46

Tgt Ion: 59 Resp: 436729

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5



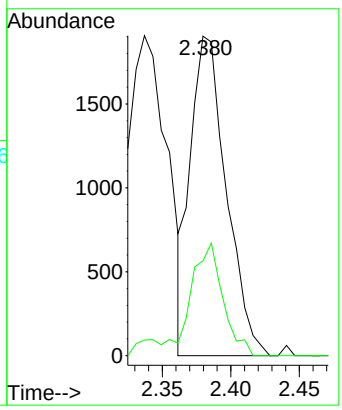


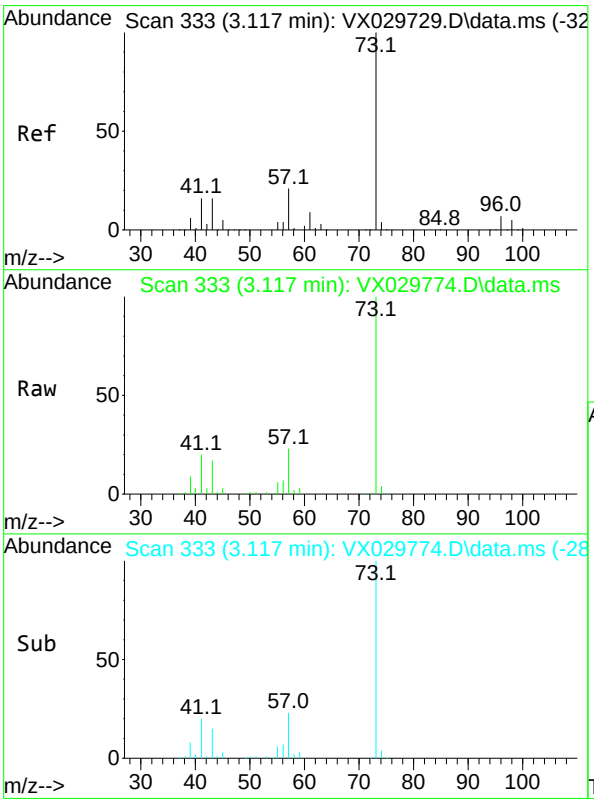
#16
Acetone
Concen: 2.633 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX029774.D
Acq: 24 Jun 2022 14:46

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Tgt Ion: 43 Resp: 3461

Ion	Ratio	Lower	Upper
43	100		
58	29.7	28.8	43.2

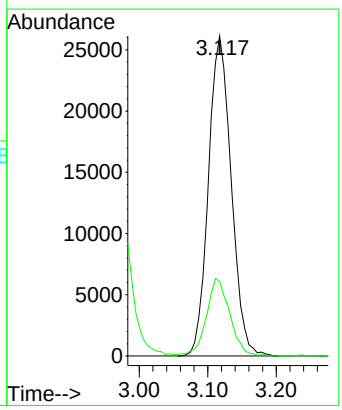


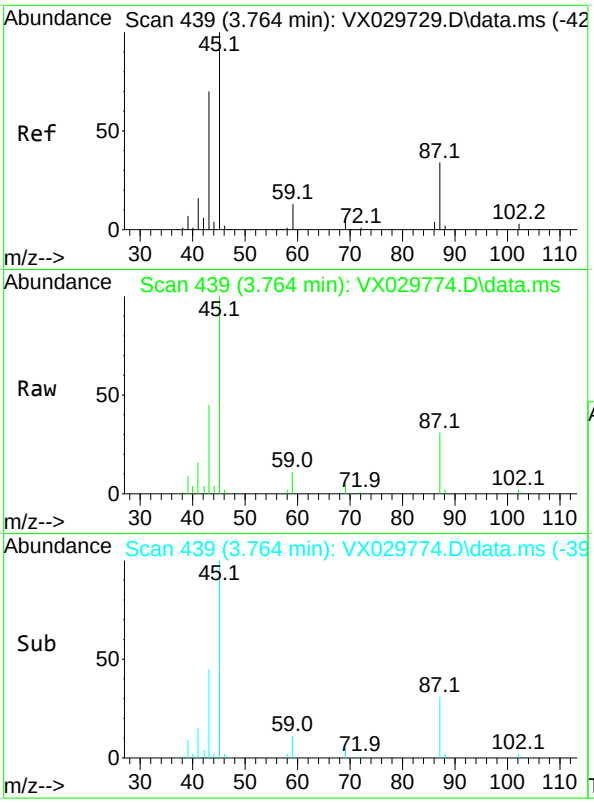


#19
Methyl tert-butyl Ether
Concen: 6.899 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029774.D
Acq: 24 Jun 2022 14:46

Tgt Ion: 73 Resp: 60451

Ion	Ratio	Lower	Upper
73	100		
57	23.3	16.8	25.2



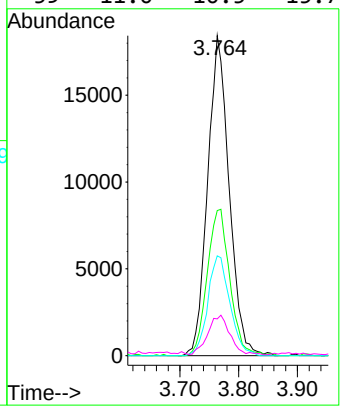


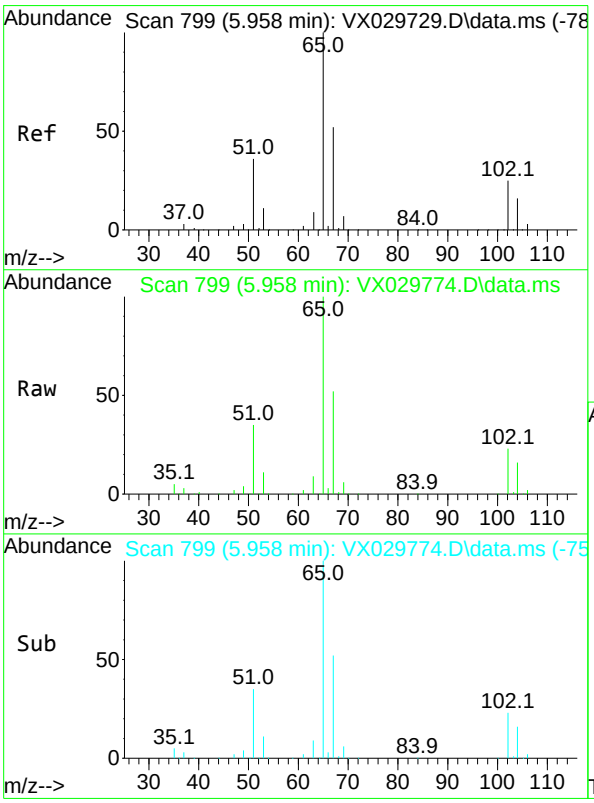
#22
Diisopropyl ether
Concen: 5.803 ug/l
RT: 3.764 min Scan# 4
Delta R.T. 0.001 min
Lab File: VX029774.D
Acq: 24 Jun 2022 14:46

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Tgt Ion: 45 Resp: 46777

Ion	Ratio	Lower	Upper
45	100		
43	45.3	50.8	76.2#
87	31.2	26.6	39.8
59	11.0	10.5	15.7

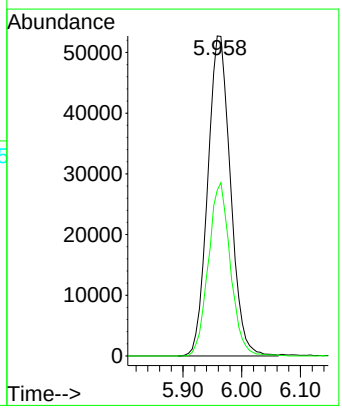


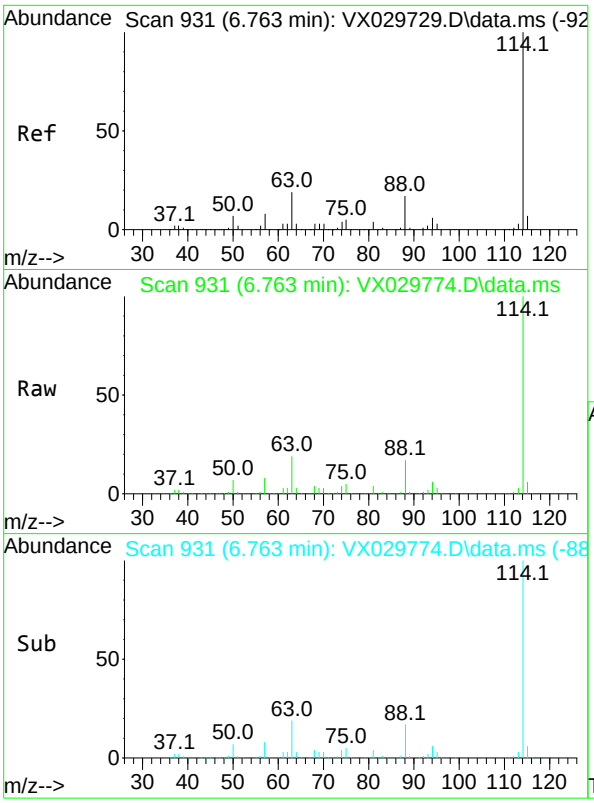


#33
1,2-Dichloroethane-d4
Concen: 42.978 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029774.D
Acq: 24 Jun 2022 14:46

Tgt Ion: 65 Resp: 141723

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	107.4



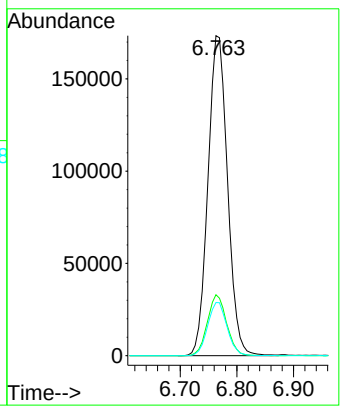


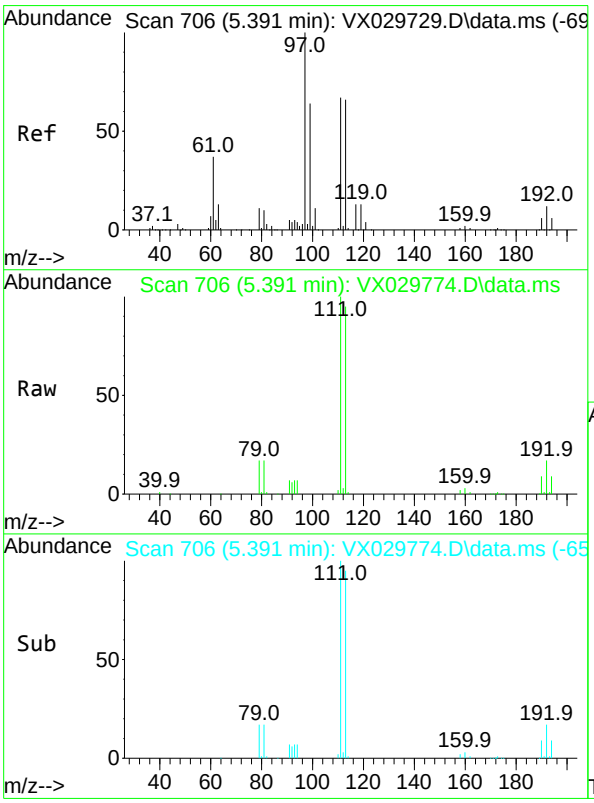
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX029774.D
Acq: 24 Jun 2022 14:46

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Tgt Ion:114 Resp: 416331

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	36.8
88	16.6	0.0	32.4

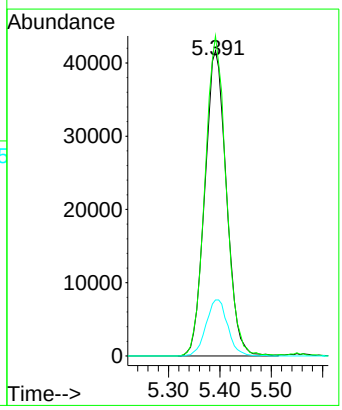


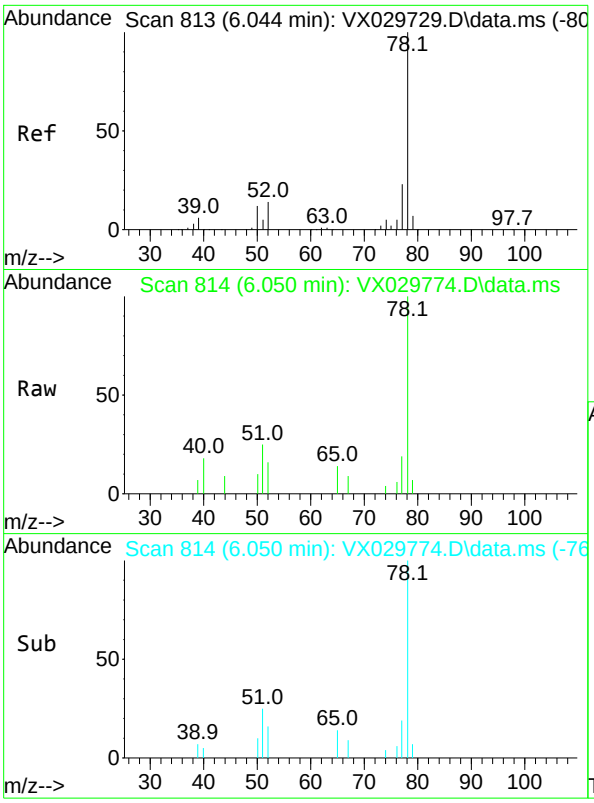


#35
Dibromofluoromethane
Concen: 44.787 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029774.D
Acq: 24 Jun 2022 14:46

Tgt Ion:113 Resp: 121516

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.8	124.2
192	18.4	16.9	25.3



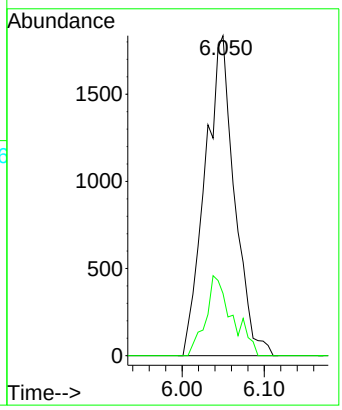


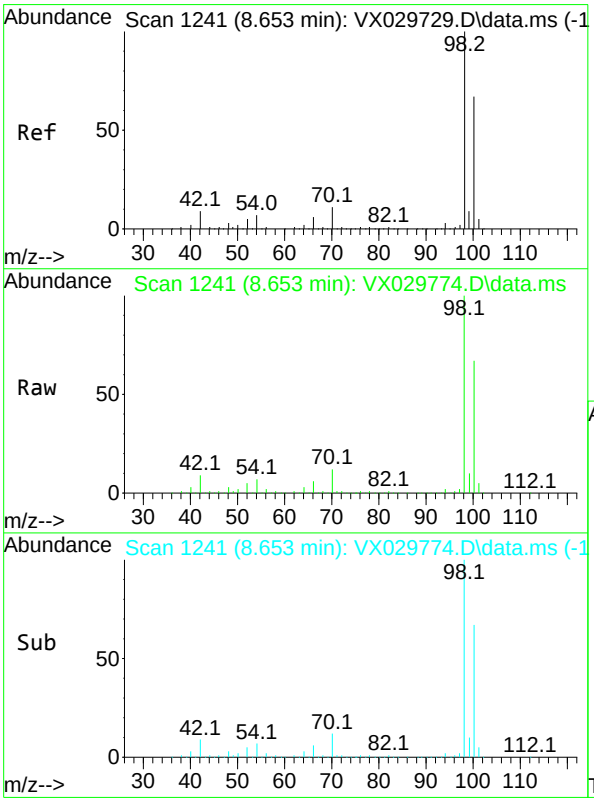
#40
Benzene
Concen: 0.420 ug/l
RT: 6.050 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX029774.D
Acq: 24 Jun 2022 14:46

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Tgt Ion: 78 Resp: 4571

Ion	Ratio	Lower	Upper
78	100		
77	19.4	19.3	28.9

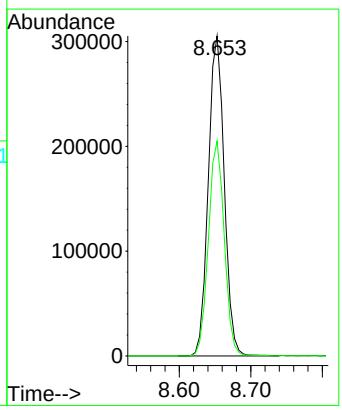


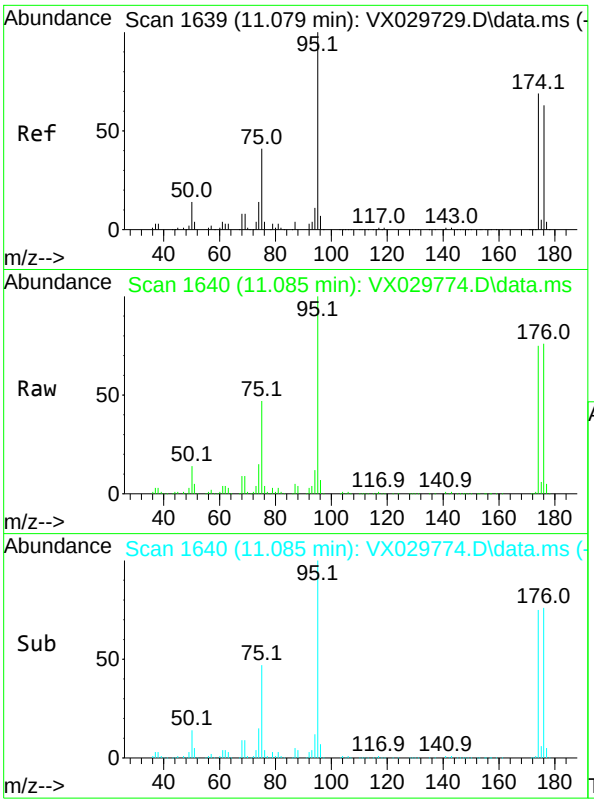


#50
Toluene-d8
Concen: 47.673 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029774.D
Acq: 24 Jun 2022 14:46

Tgt Ion: 98 Resp: 472525

Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.6	78.8



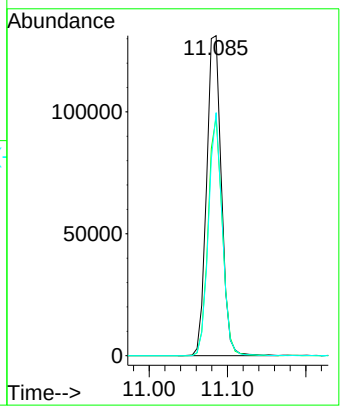


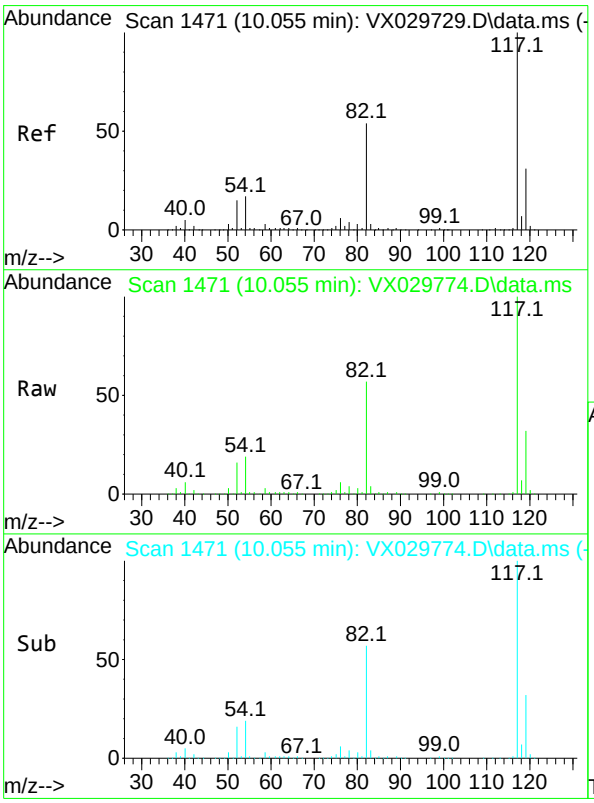
#62
4-Bromofluorobenzene
Concen: 45.960 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029774.D
Acq: 24 Jun 2022 14:46

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Tgt Ion: 95 Resp: 171790

Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	163.0
176	70.1	0.0	155.0

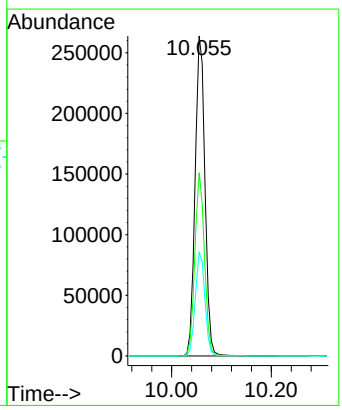


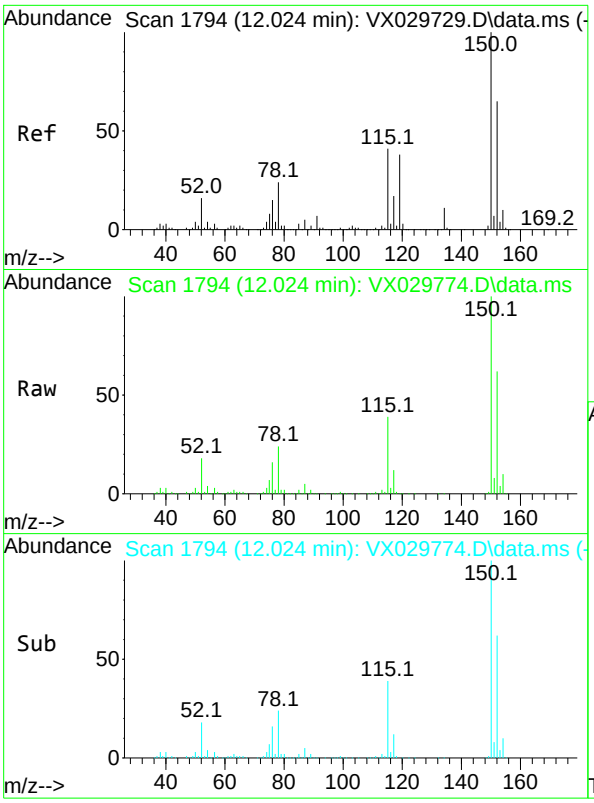


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029774.D
Acq: 24 Jun 2022 14:46

Tgt Ion:117 Resp: 361206

Ion	Ratio	Lower	Upper
117	100		
82	57.3	41.8	62.8
119	32.3	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: VX029774.D
Acq: 24 Jun 2022 14:46

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Tgt Ion:152 Resp: 160628

Ion	Ratio	Lower	Upper
152	100		
115	62.5	37.5	112.7
150	156.7	0.0	338.2