Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
Data File : VX032269.D
Acq On : 20 Oct 2022 17:37
Operator : JC/MD
Sample : N5185-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Quant Time: Oct 21 02:14:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 19 16:51:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	150606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230902	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95410	48.698	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.400%		
35) Dibromofluoromethane	5.385	113	73286	45.611	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.220%		
50) Toluene-d8	8.647	98	275458	47.625	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.260%		
62) 4-Bromofluorobenzene	11.079	95	95698	45.184	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.360%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	32494	104.307	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	169628	36.619	ug/l	92
22) Diisopropyl ether	3.764	45	4921	1.064	ug/l #	77
40) Benzene	6.038	78	11828	1.974	ug/l	93
67) Ethyl Benzene	10.195	91	10668	1.472	ug/l	96

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

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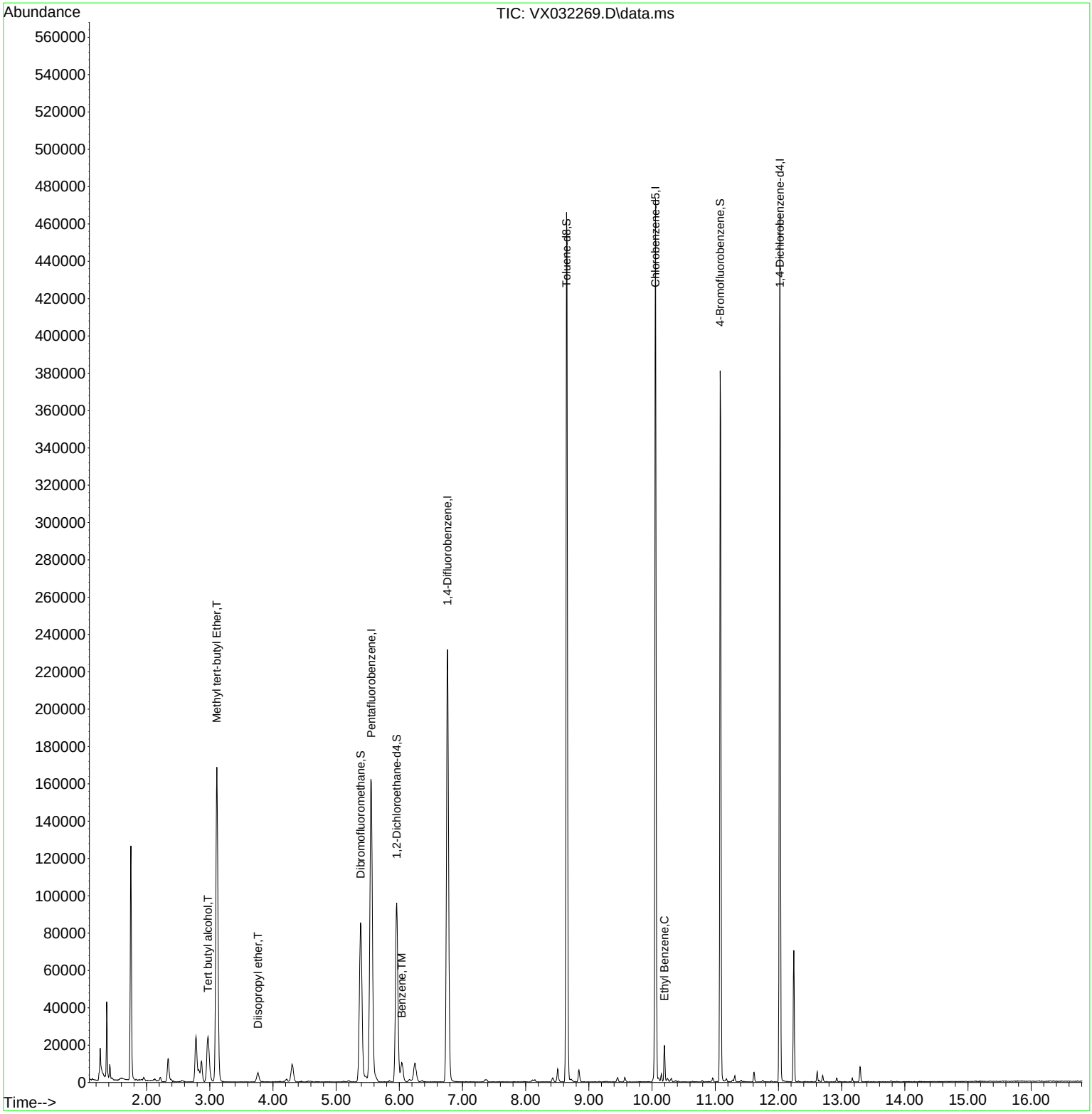
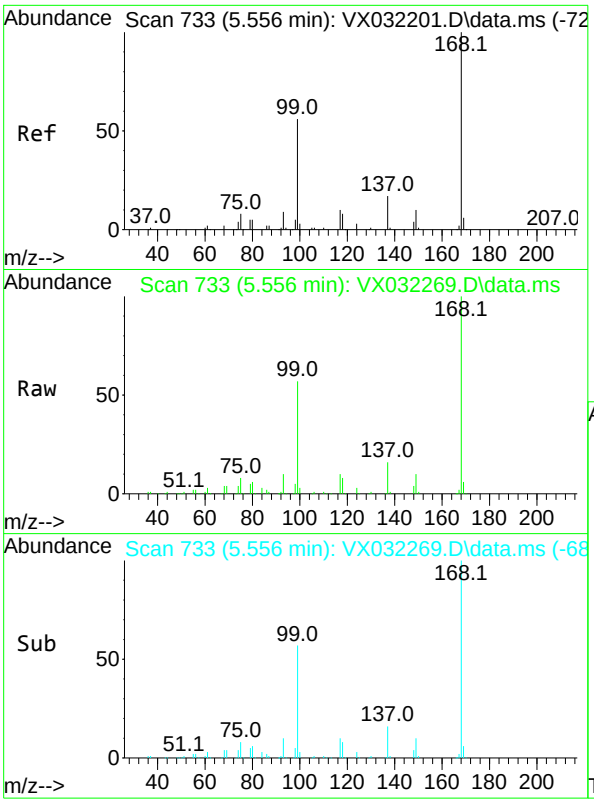


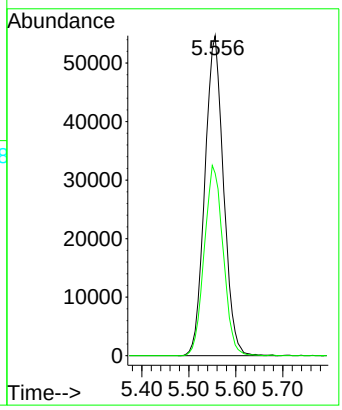


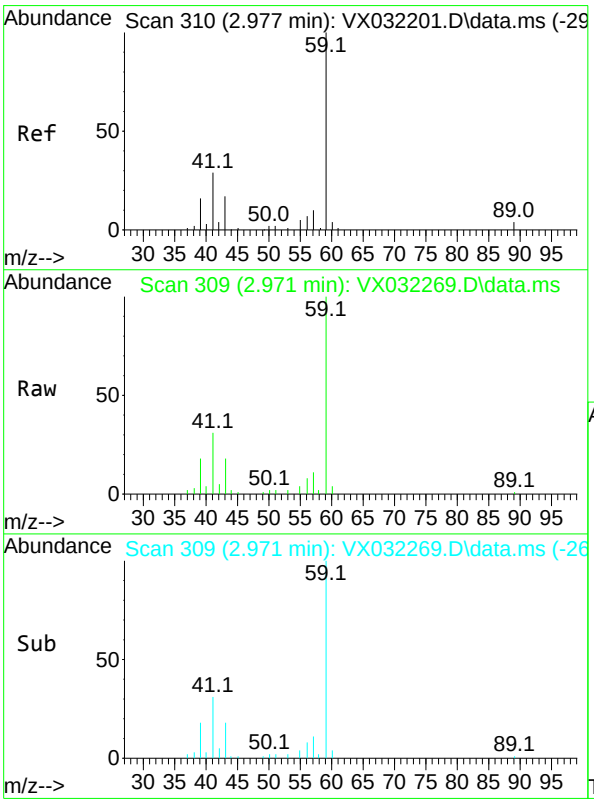
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX032269.D
Acq: 20 Oct 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Tgt Ion:168 Resp: 150606

Ion	Ratio	Lower	Upper
168	100		
99	57.0	44.8	67.2

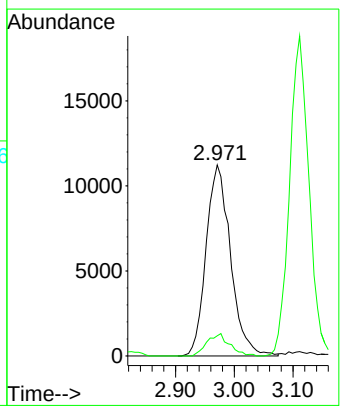


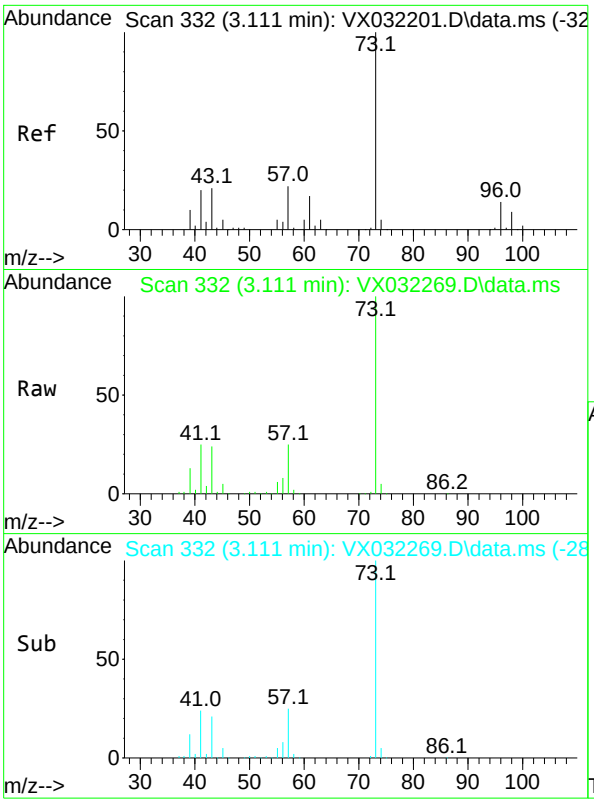


#11
Tert butyl alcohol
Concen: 104.307 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX032269.D
Acq: 20 Oct 2022 17:37

Tgt Ion: 59 Resp: 32494

Ion	Ratio	Lower	Upper
59	100		
57	10.9	7.5	11.3



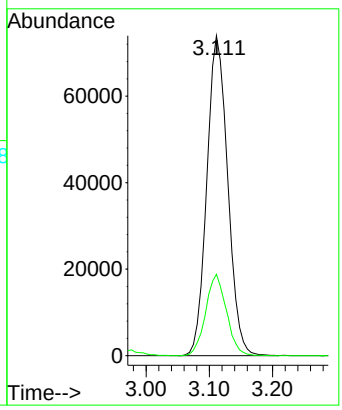


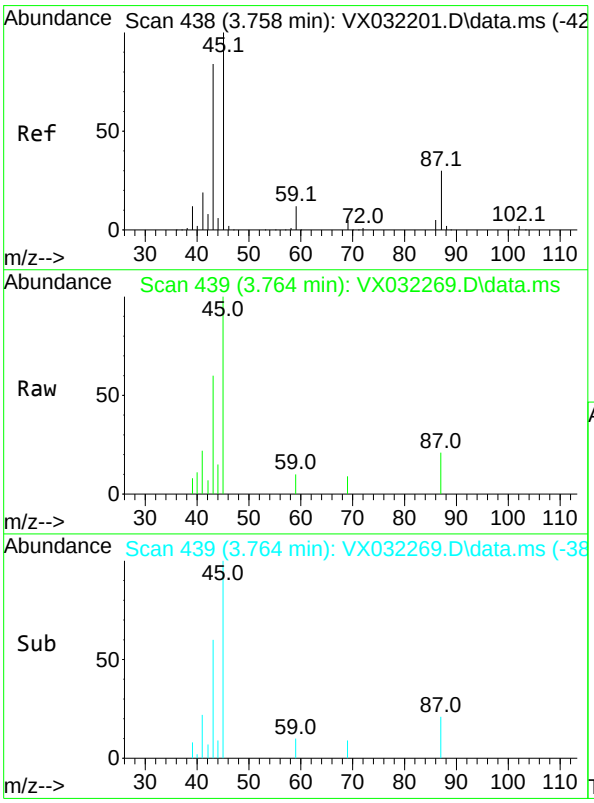
#19
Methyl tert-butyl Ether
Concen: 36.619 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX032269.D
Acq: 20 Oct 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Tgt Ion: 73 Resp: 169628

Ion	Ratio	Lower	Upper
73	100		
57	25.4	17.4	26.2

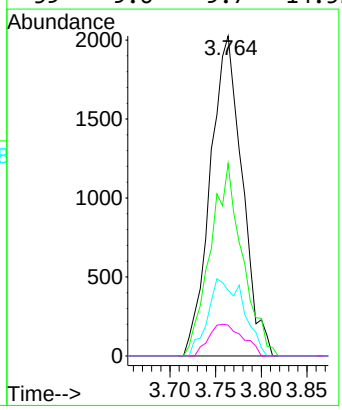


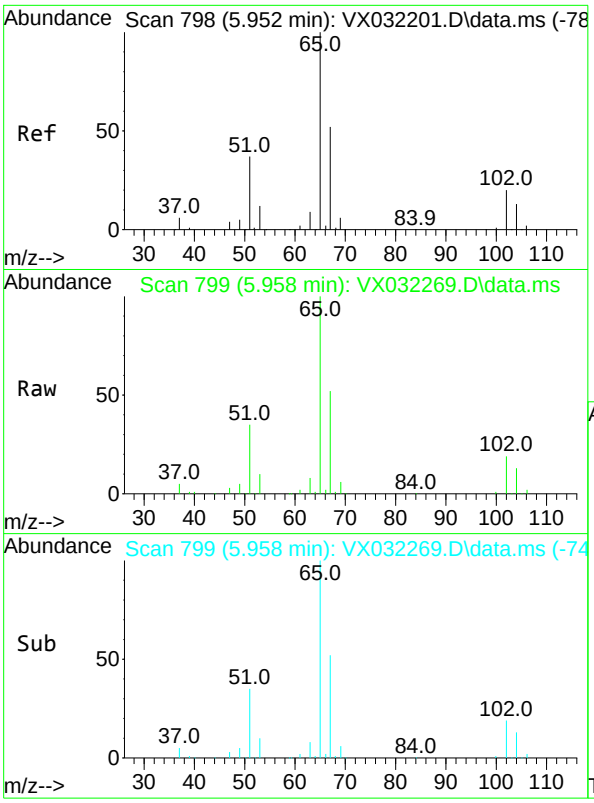


#22
Diisopropyl ether
Concen: 1.064 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX032269.D
Acq: 20 Oct 2022 17:37

Tgt Ion: 45 Resp: 4921

Ion	Ratio	Lower	Upper
45	100		
43	60.2	67.5	101.3#
87	20.5	24.0	36.0#
59	9.6	9.7	14.5#



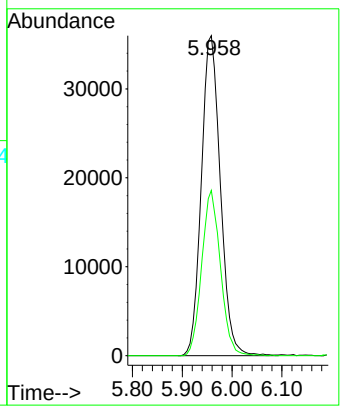


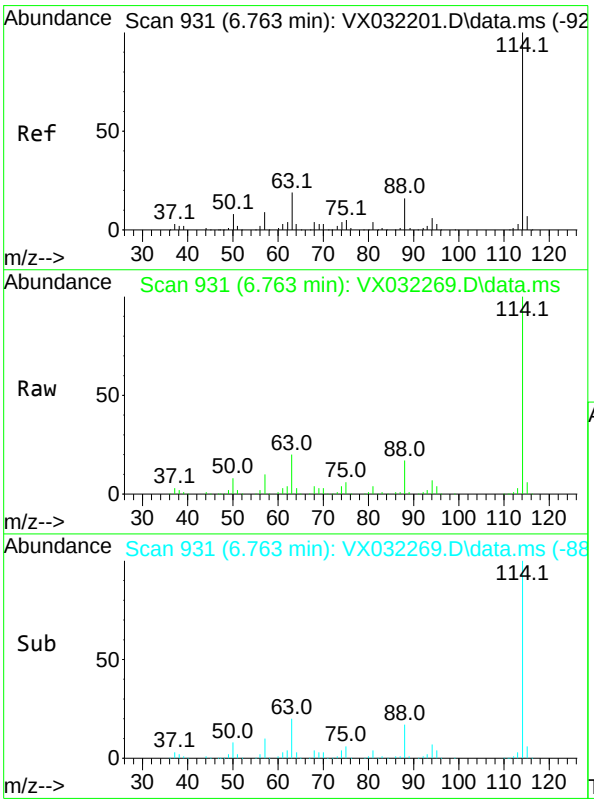
#33
1,2-Dichloroethane-d4
Concen: 48.698 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX032269.D
Acq: 20 Oct 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Tgt Ion: 65 Resp: 95410

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.6

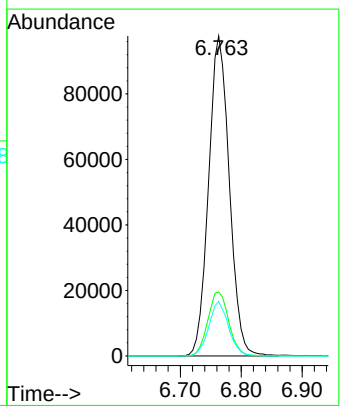


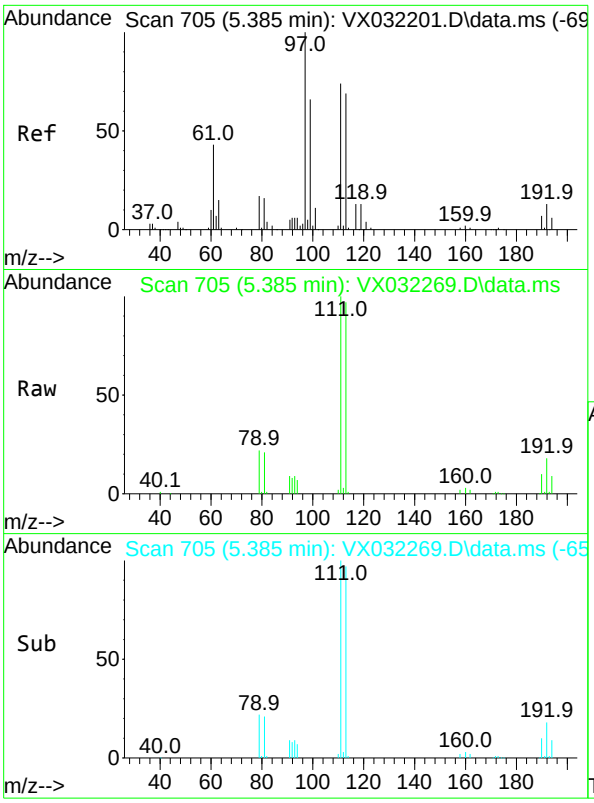


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX032269.D
Acq: 20 Oct 2022 17:37

Tgt Ion:114 Resp: 230902

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	38.6
88	17.0	0.0	32.6



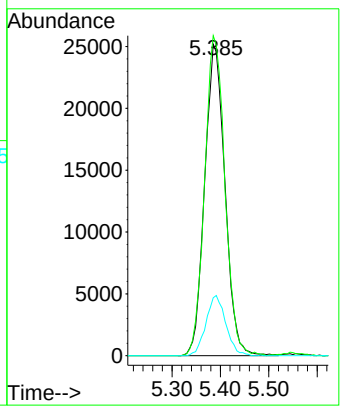


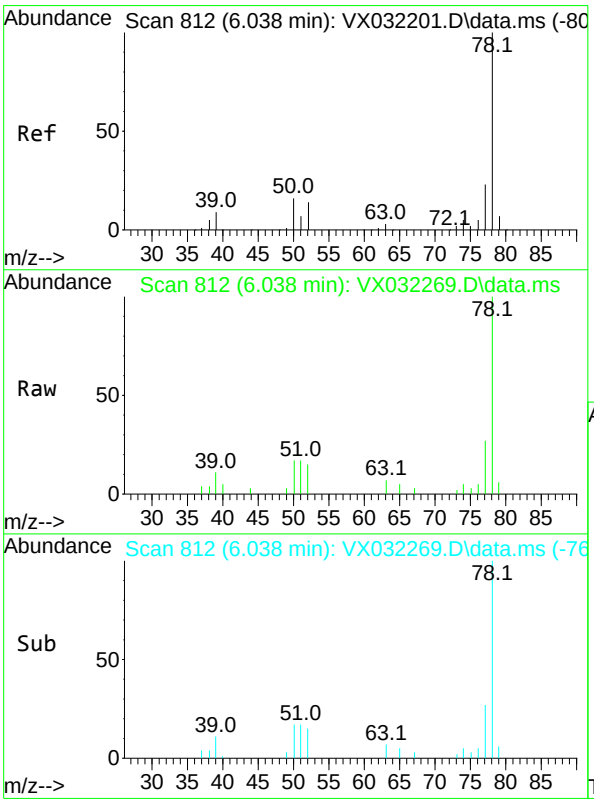
#35
Dibromofluoromethane
Concen: 45.611 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX032269.D
Acq: 20 Oct 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Tgt Ion:113 Resp: 73286

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.8	124.2
192	18.9	15.5	23.3

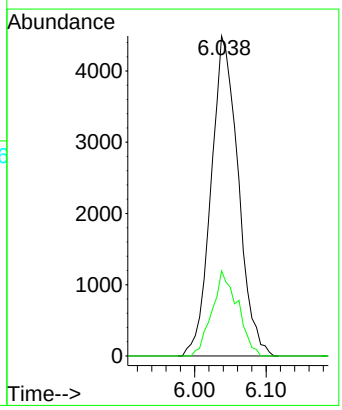


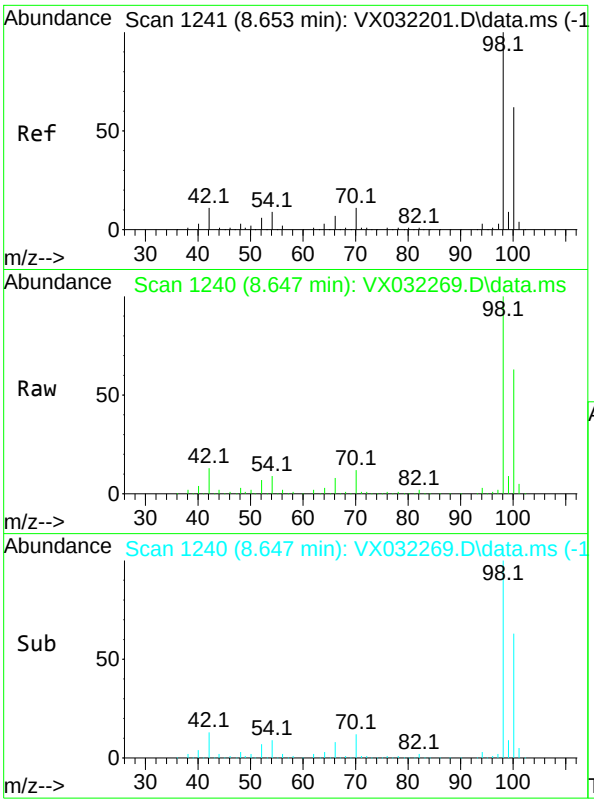


#40
Benzene
Concen: 1.974 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX032269.D
Acq: 20 Oct 2022 17:37

Tgt Ion: 78 Resp: 11828

Ion	Ratio	Lower	Upper
78	100		
77	26.6	18.6	27.8



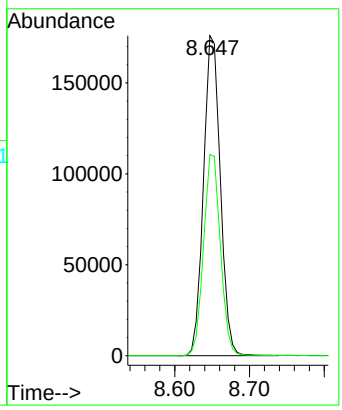


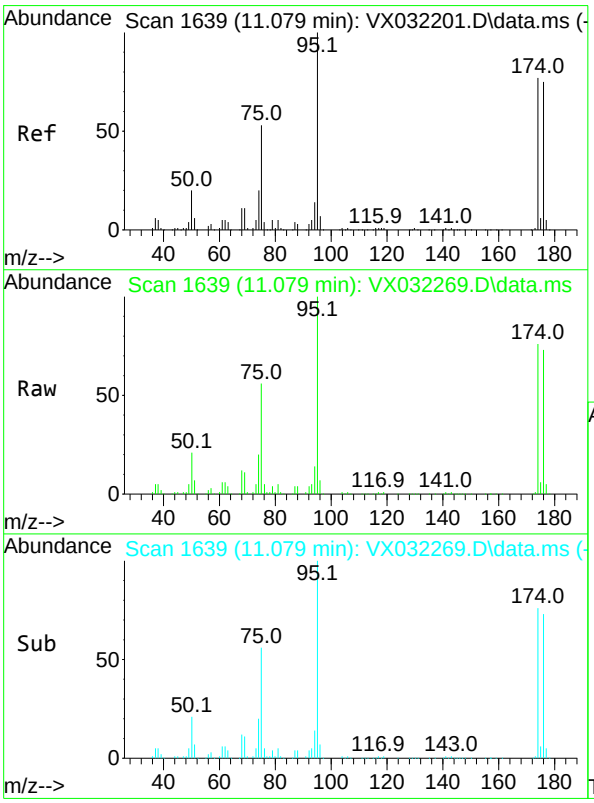
#50
Toluene-d8
Concen: 47.625 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX032269.D
Acq: 20 Oct 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Tgt Ion: 98 Resp: 275458

Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.7	76.1

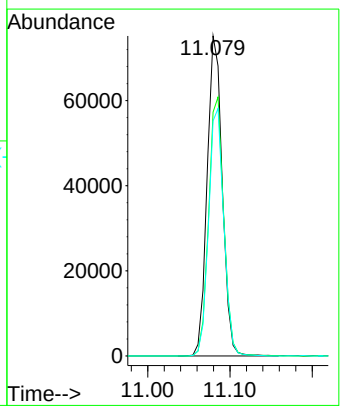


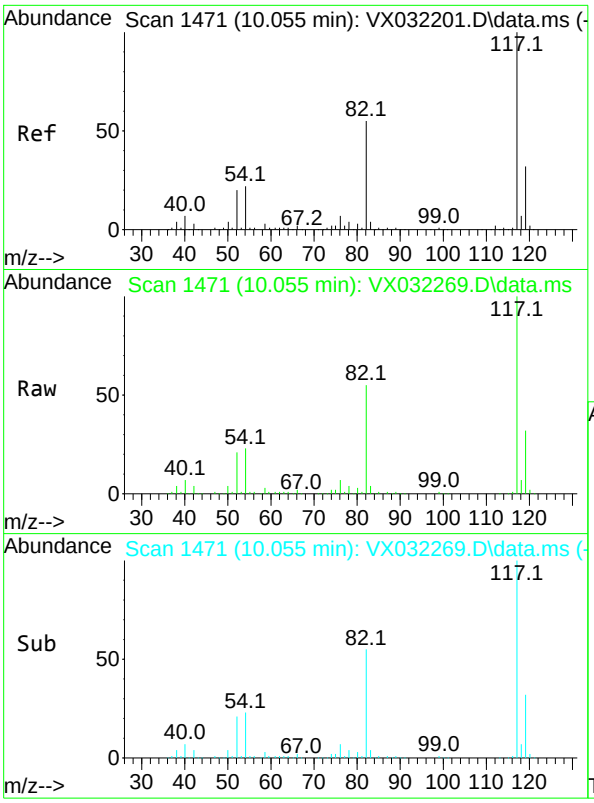


#62
4-Bromofluorobenzene
Concen: 45.184 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032269.D
Acq: 20 Oct 2022 17:37

Tgt Ion: 95 Resp: 95698

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	166.8
176	77.9	0.0	161.4



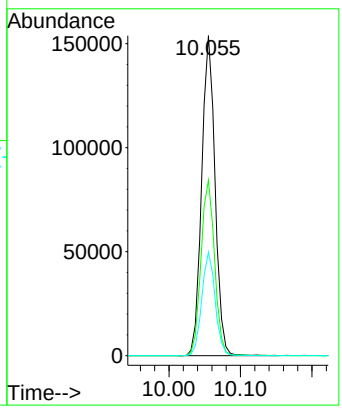


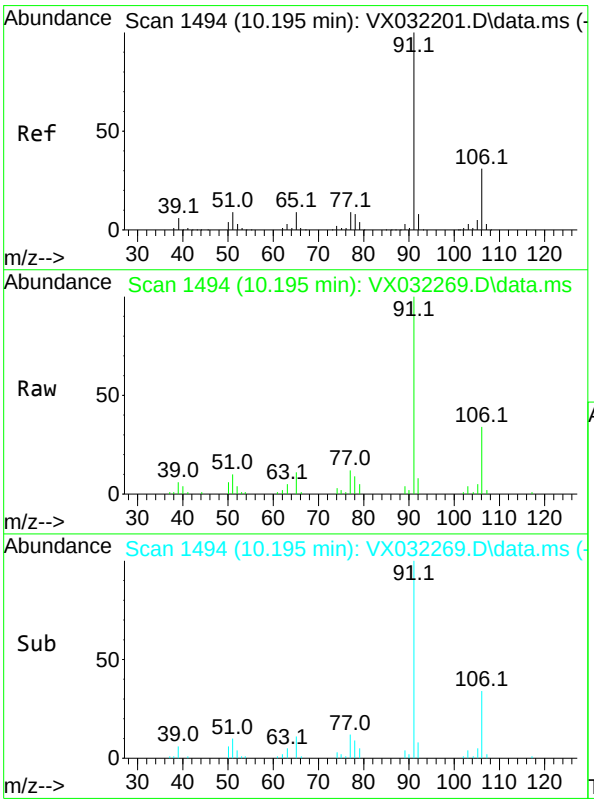
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX032269.D
Acq: 20 Oct 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Tgt Ion:117 Resp: 199709

Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.2	66.4
119	32.3	25.8	38.8

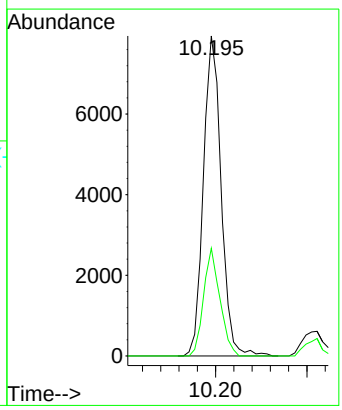


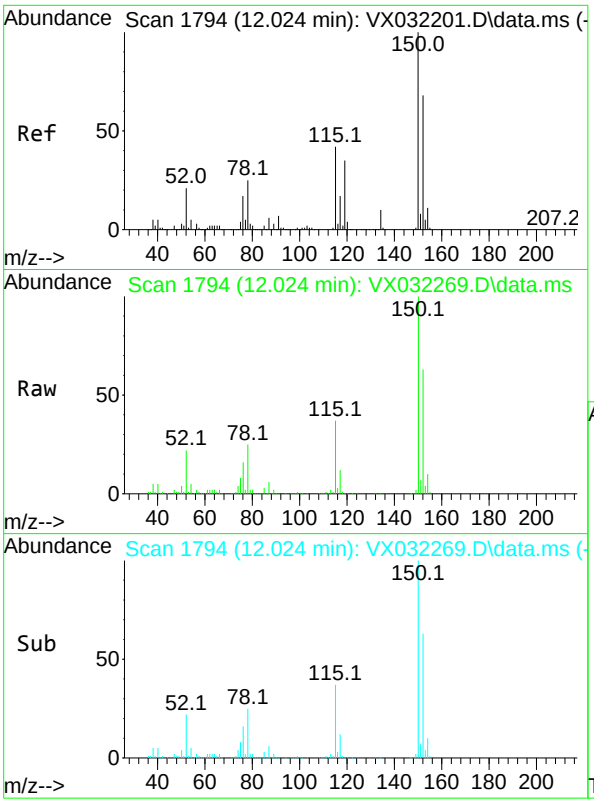


#67
Ethyl Benzene
Concen: 1.472 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032269.D
Acq: 20 Oct 2022 17:37

Tgt Ion: 91 Resp: 10668

Ion	Ratio	Lower	Upper
91	100		
106	33.7	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032269.D
Acq: 20 Oct 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Tgt Ion:152 Resp: 91635

Ion	Ratio	Lower	Upper
152	100		
115	60.8	43.1	129.4
150	157.9	0.0	348.6