Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100224\
Data File : VX043225.D
Acq On : 02 Oct 2024 12:43
Operator : JC/MD
Sample : PB163826ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#04

Quant Time: Oct 02 23:01:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	84081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161375	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72207	52.584	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.160%			
35) Dibromofluoromethane	5.385	113	53861	48.397	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.800%			
50) Toluene-d8	8.647	98	189983	49.260	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.520%			
62) 4-Bromofluorobenzene	11.079	95	66635	47.558	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.120%			
Target Compounds						Qvalue
16) Acetone	2.392	43	26027	45.387	ug/l	98
18) Methyl Acetate	2.715	43	2338	1.625	ug/l #	89
20) Methylene Chloride	2.788	84	4035	3.816	ug/l	99
43) Isopropyl Acetate	6.342	43	87806	31.486	ug/l	100

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

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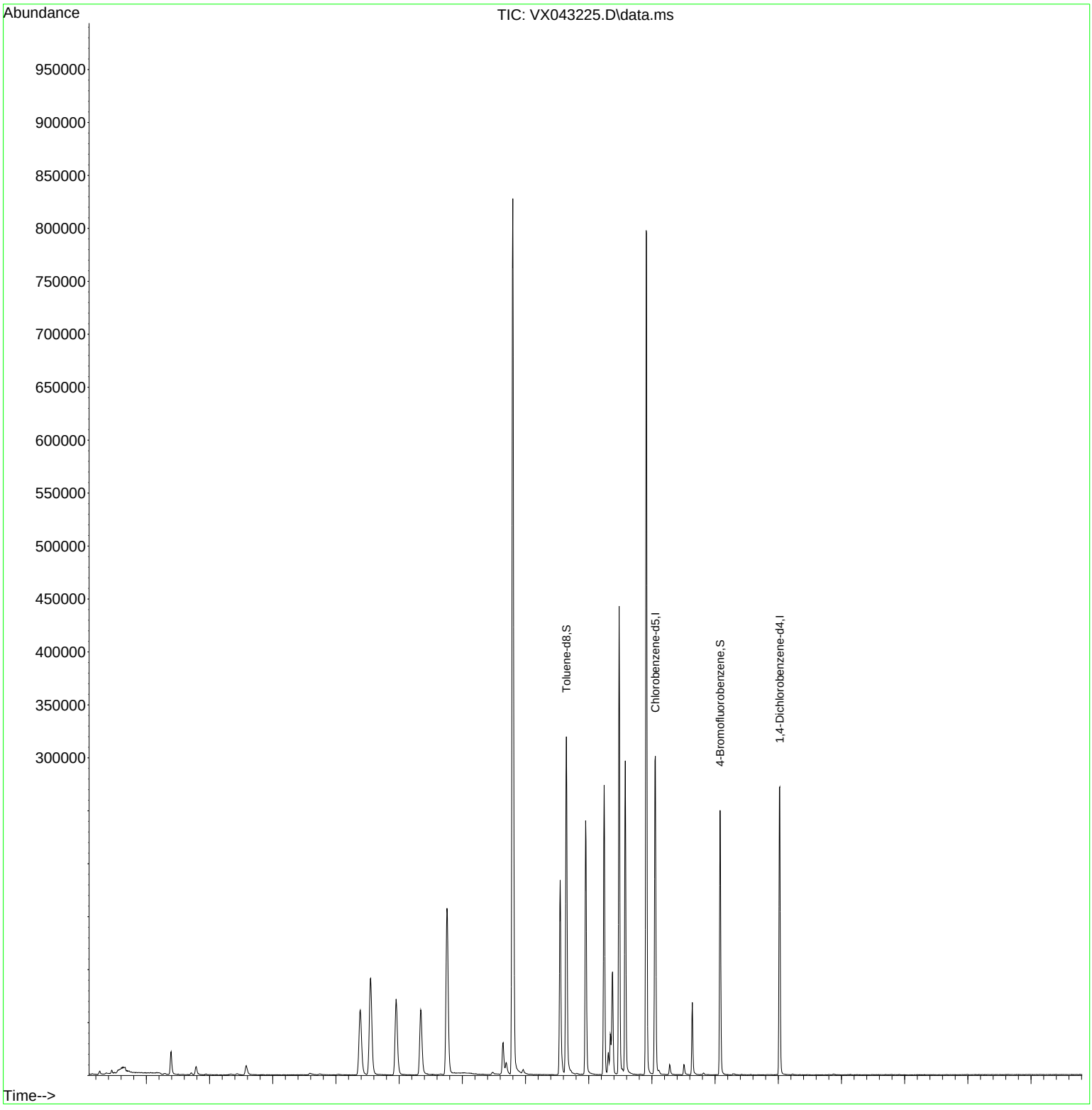
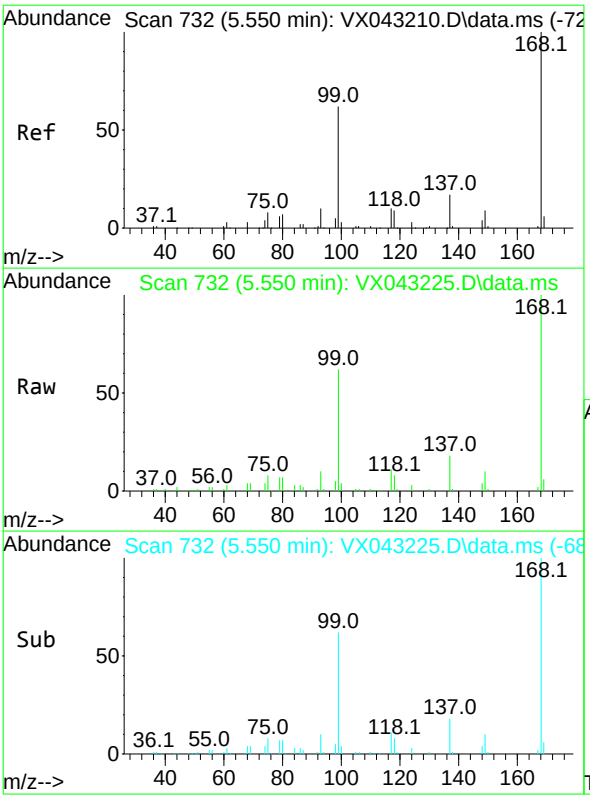


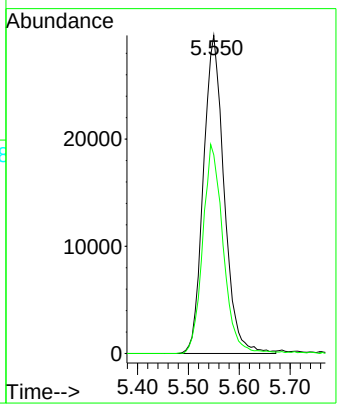


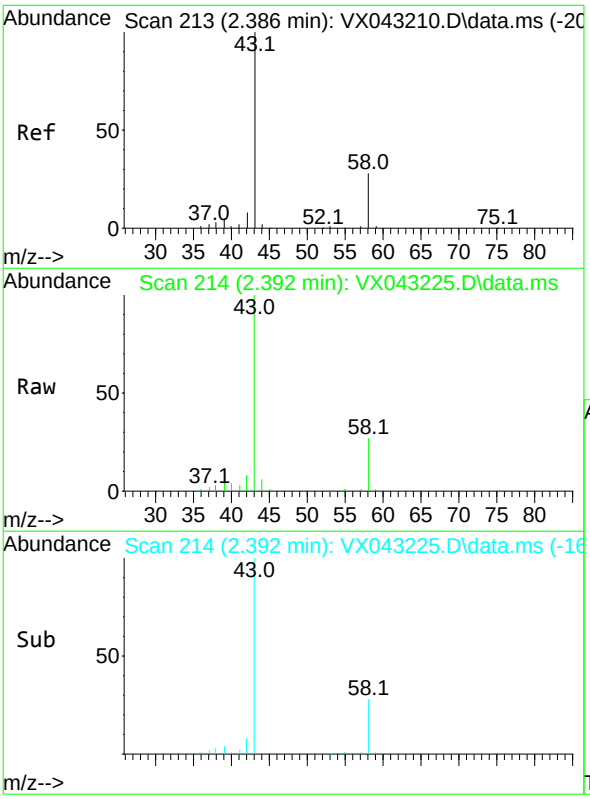
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. -0.000 min
Lab File: VX043225.D
Acq: 02 Oct 2024 12:43

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#04

Tgt Ion:168 Resp: 84081

Ion	Ratio	Lower	Upper
168	100		
99	62.4	49.7	74.5

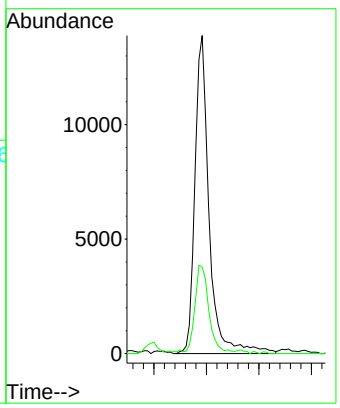


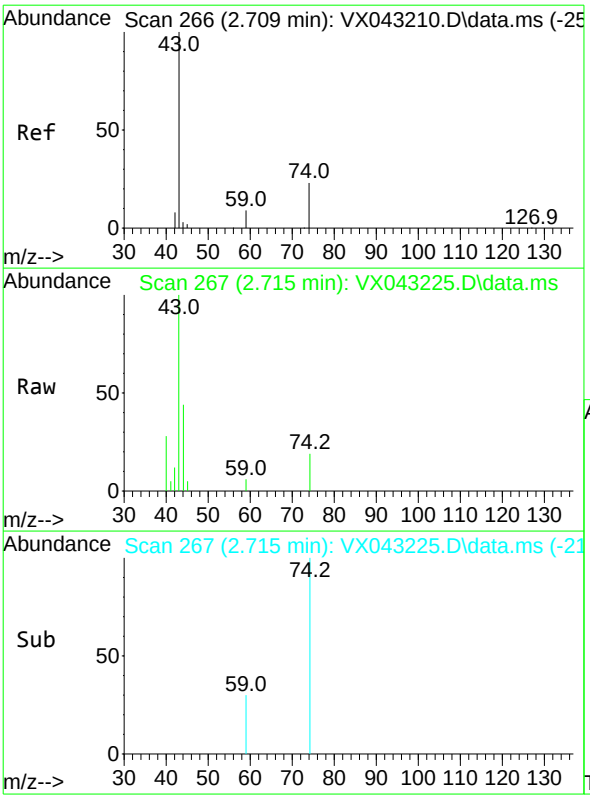


#16
Acetone
Concen: 45.387 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043225.D
Acq: 02 Oct 2024 12:43

Tgt Ion: 43 Resp: 26027

Ion	Ratio	Lower	Upper
43	100		
58	27.2	22.6	33.8



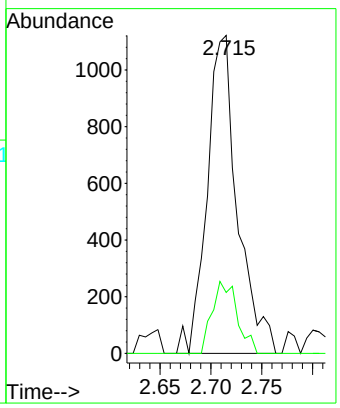


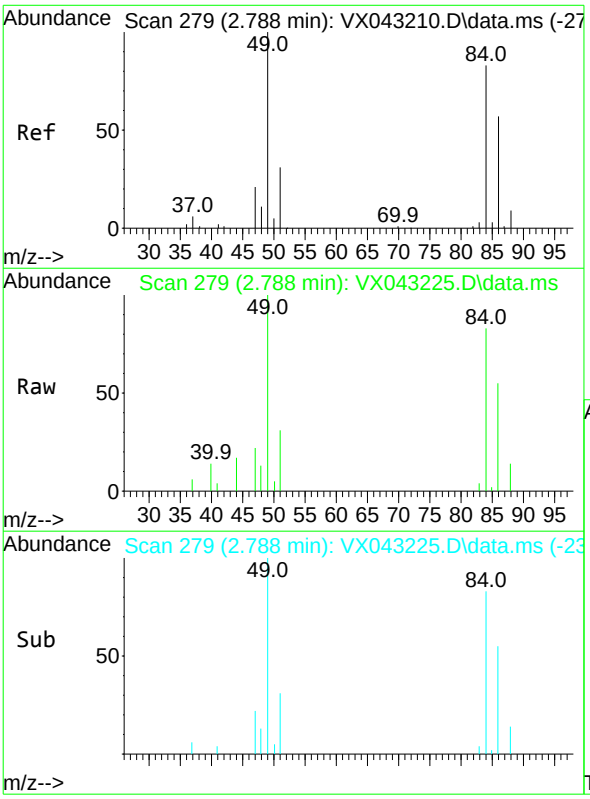
#18
Methyl Acetate
Concen: 1.625 ug/l
RT: 2.715 min Scan# 26
Delta R.T. 0.006 min
Lab File: VX043225.D
Acq: 02 Oct 2024 12:43

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#04

Tgt Ion: 43 Resp: 2338

Ion	Ratio	Lower	Upper
43	100		
74	18.6	19.1	28.7#

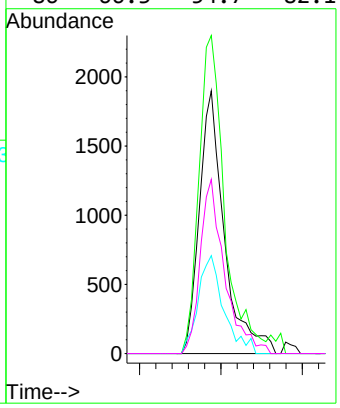


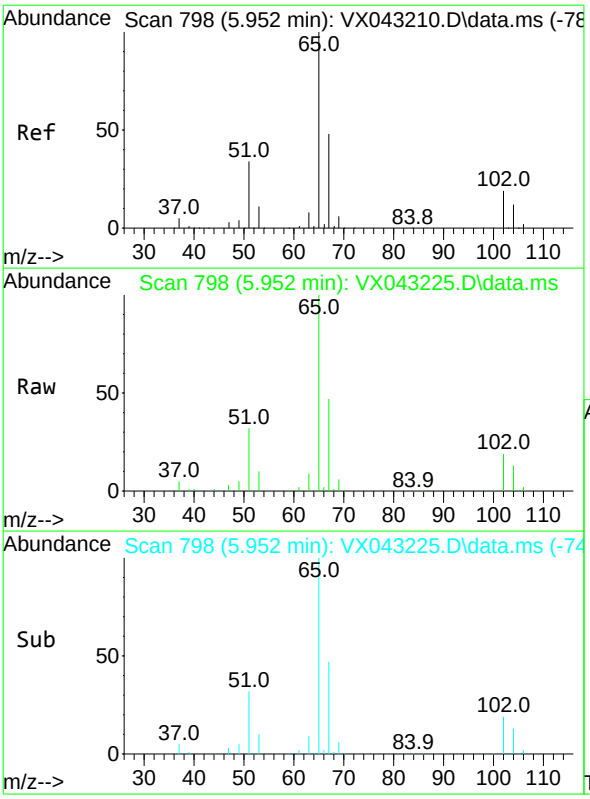


#20
Methylene Chloride
Concen: 3.816 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX043225.D
Acq: 02 Oct 2024 12:43

Tgt Ion: 84 Resp: 4035

Ion	Ratio	Lower	Upper
84	100		
49	121.1	96.7	145.1
51	37.3	30.4	45.6
86	66.3	54.7	82.1



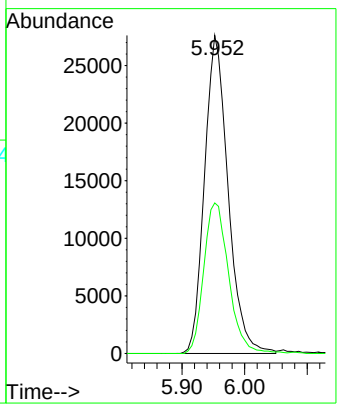


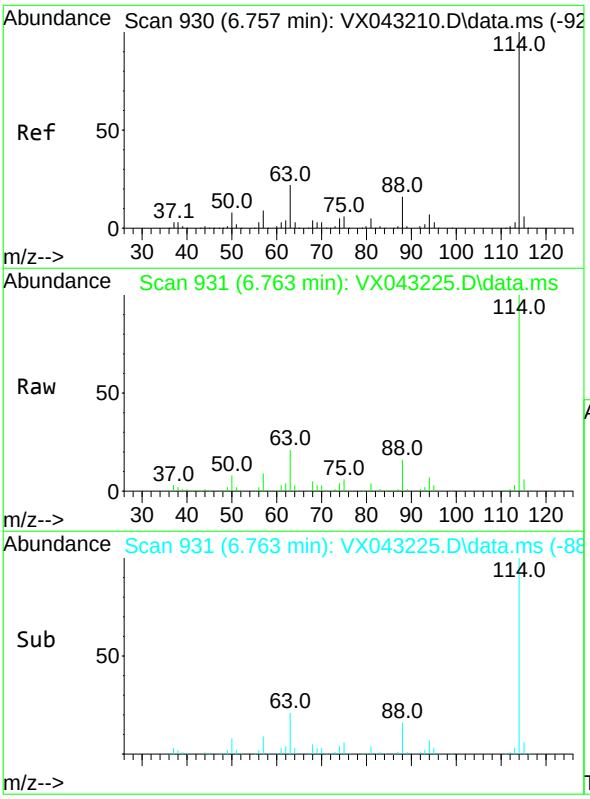
#33
1,2-Dichloroethane-d4
Concen: 52.584 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.000 min
Lab File: VX043225.D
Acq: 02 Oct 2024 12:43

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#04

Tgt Ion: 65 Resp: 72207

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	99.0

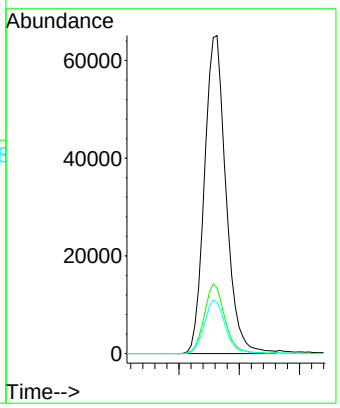


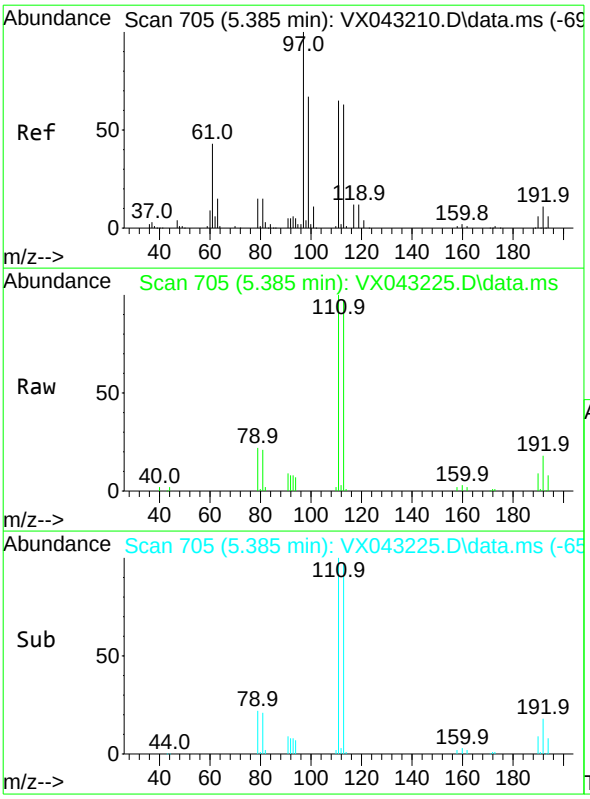


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX043225.D
Acq: 02 Oct 2024 12:43

Tgt Ion:114 Resp: 161375

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.0
88	16.1	0.0	33.0



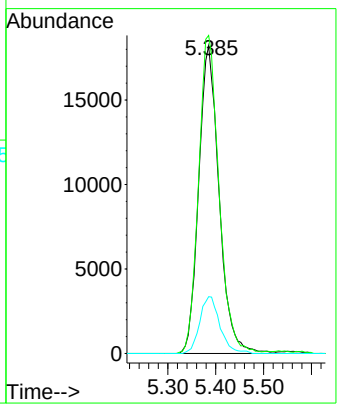


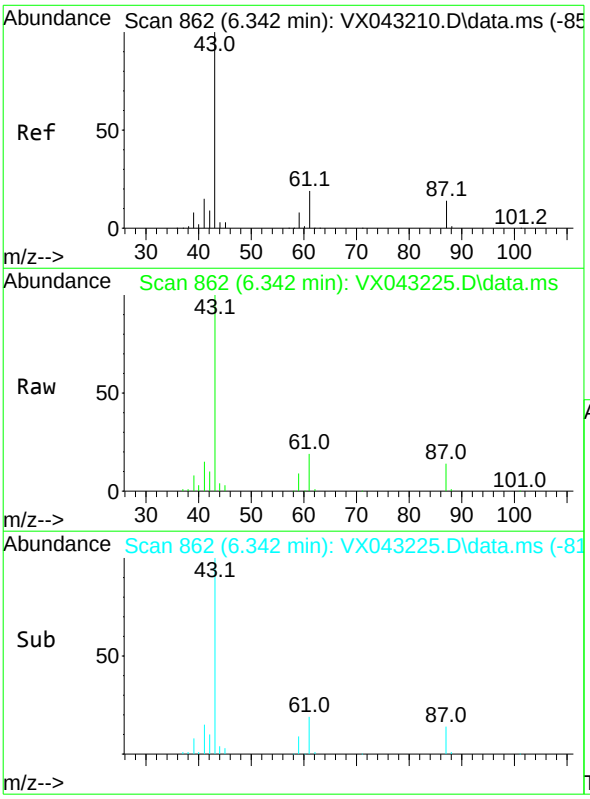
#35
Dibromofluoromethane
Concen: 48.397 ug/l
RT: 5.385 min Scan# 70
Delta R.T. 0.000 min
Lab File: VX043225.D
Acq: 02 Oct 2024 12:43

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#04

Tgt Ion:113 Resp: 53861

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.4	125.0
192	18.3	14.1	21.1

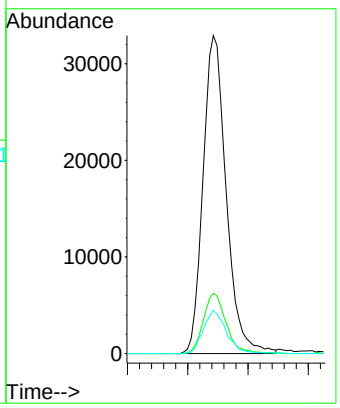


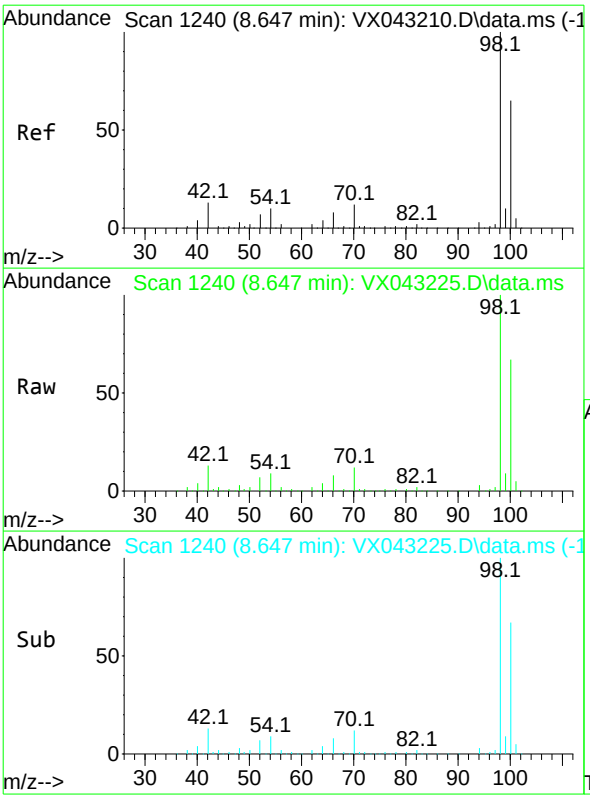


#43
Isopropyl Acetate
Concen: 31.486 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX043225.D
Acq: 02 Oct 2024 12:43

Tgt Ion: 43 Resp: 87806

Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.1	22.7
87	13.4	10.8	16.2



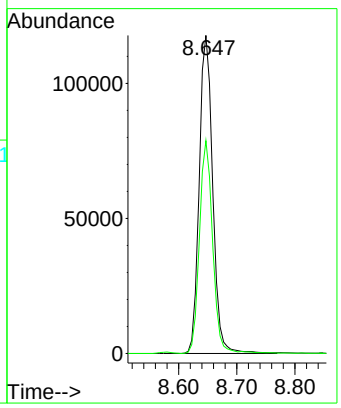


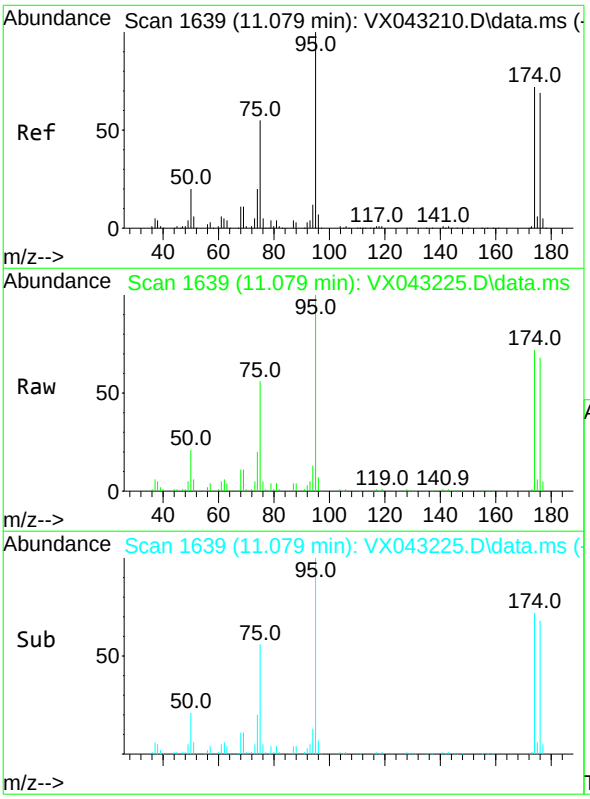
#50
Toluene-d8
Concen: 49.260 ug/l
RT: 8.647 min Scan# 12
Delta R.T. 0.000 min
Lab File: VX043225.D
Acq: 02 Oct 2024 12:43

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#04

Tgt Ion: 98 Resp: 189983

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6

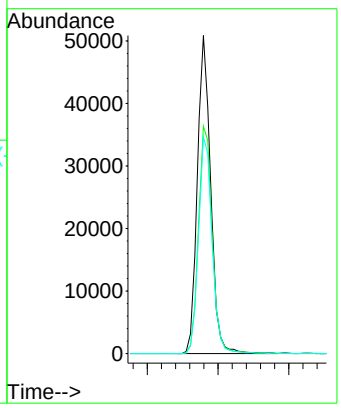


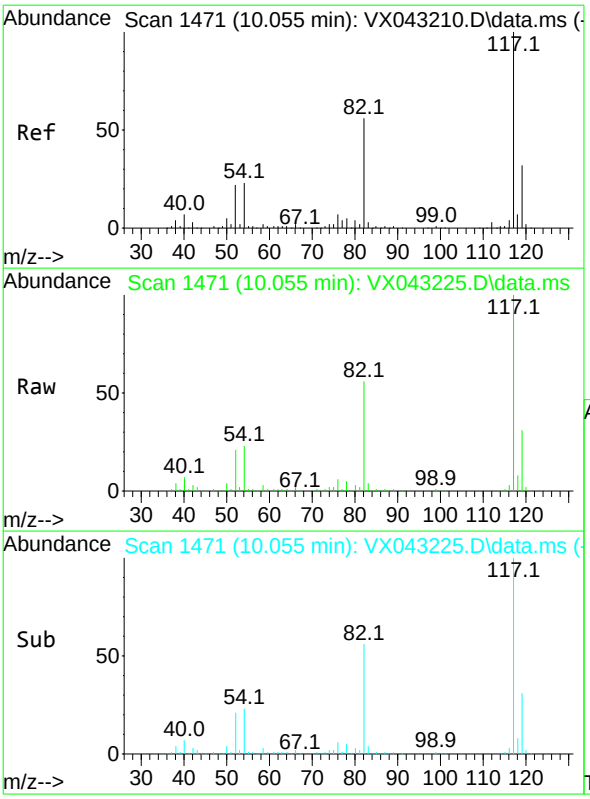


#62
4-Bromofluorobenzene
Concen: 47.558 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043225.D
Acq: 02 Oct 2024 12:43

Tgt Ion: 95 Resp: 66635

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	145.0
176	69.4	0.0	143.0



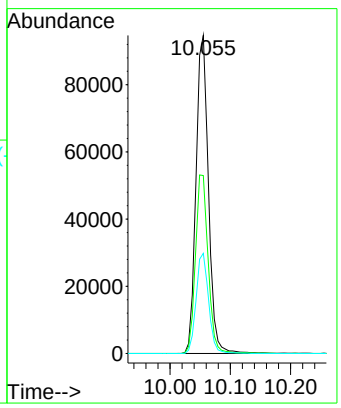


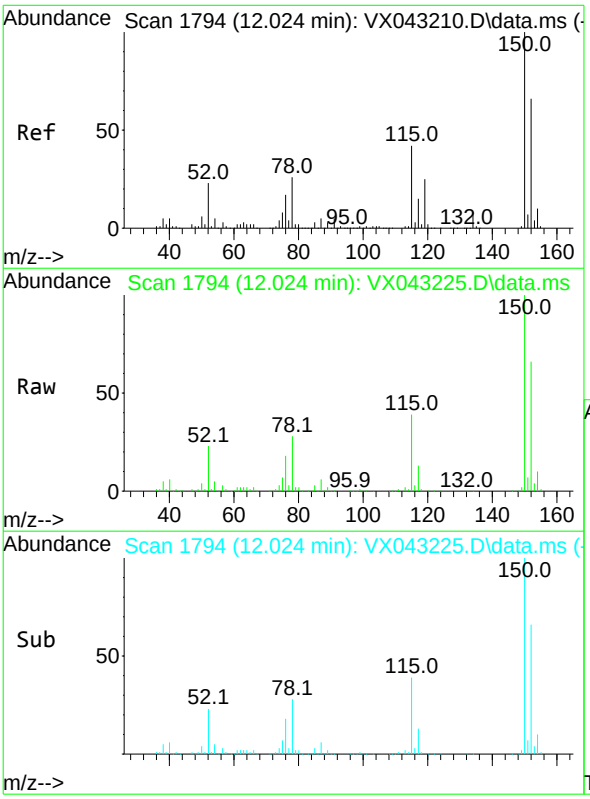
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX043225.D
Acq: 02 Oct 2024 12:43

Instrument :
MSVOA_X
ClientSampleId :
PB163826ZHE#04

Tgt Ion:117 Resp: 135591

Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.0	67.6
119	31.5	25.3	37.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043225.D
Acq: 02 Oct 2024 12:43

Tgt Ion:152 Resp: 57429

Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.1	132.3
150	157.1	0.0	347.4