Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061324\
Data File : VX041859.D
Acq On : 13 Jun 2024 17:15
Operator : JC/MD
Sample : PB161467ZHE#14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#14

Quant Time: Jun 14 01:50:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	159029	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	247002	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81259	41.662	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.320%		
35) Dibromofluoromethane	5.385	113	75832	44.404	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.800%		
50) Toluene-d8	8.646	98	292474	49.014	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.020%		
62) 4-Bromofluorobenzene	11.079	95	105983	48.123	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.240%		
Target Compounds						Qvalue
16) Acetone	2.392	43	87383	100.405	ug/l	90
18) Methyl Acetate	2.715	43	7163	3.846	ug/l	97
20) Methylene Chloride	2.782	84	9907	5.676	ug/l	90
25) 2-Butanone	4.580	43	22190	18.305	ug/l	93
43) Isopropyl Acetate	6.348	43	122947	31.205	ug/l	95

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

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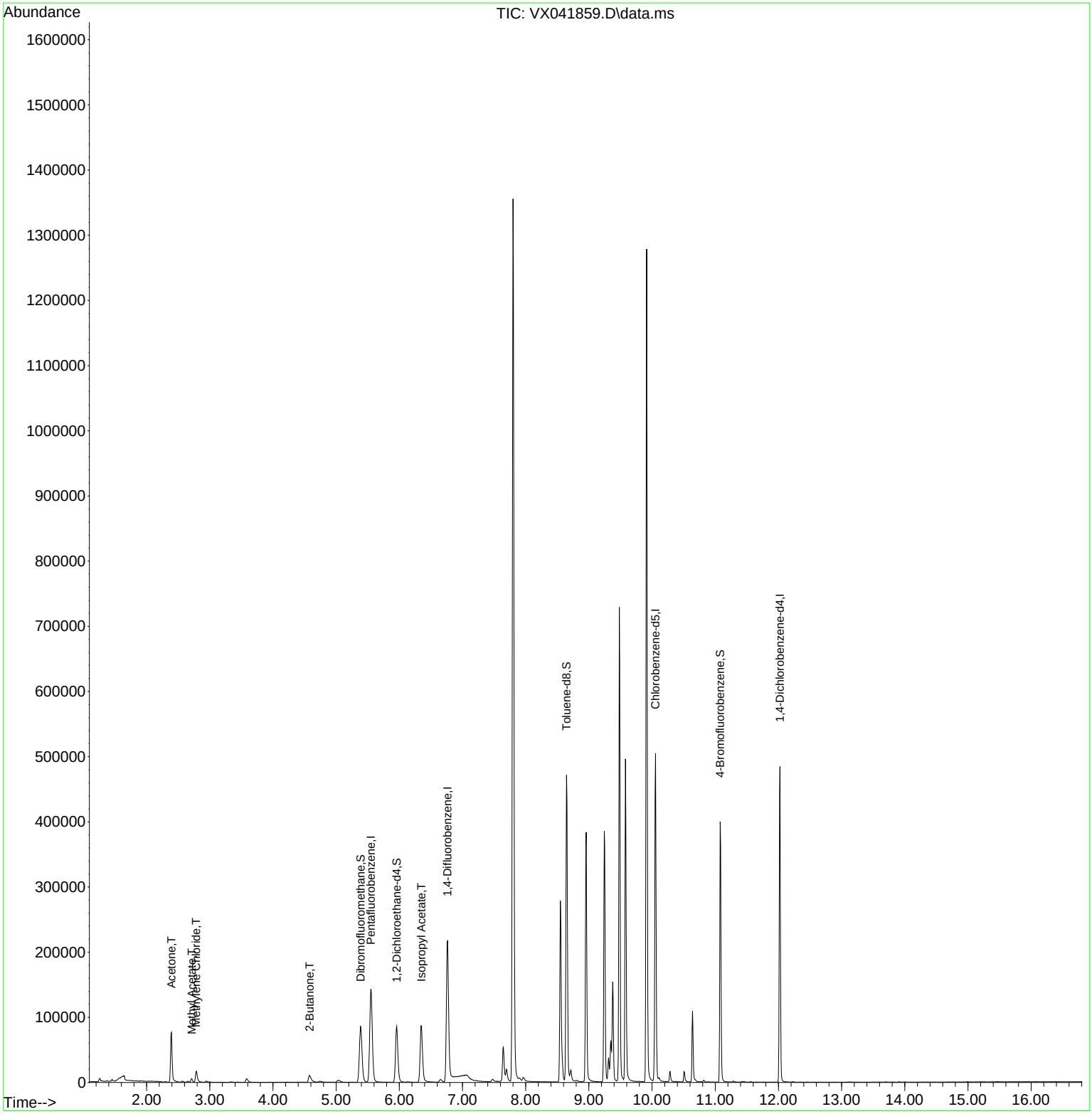
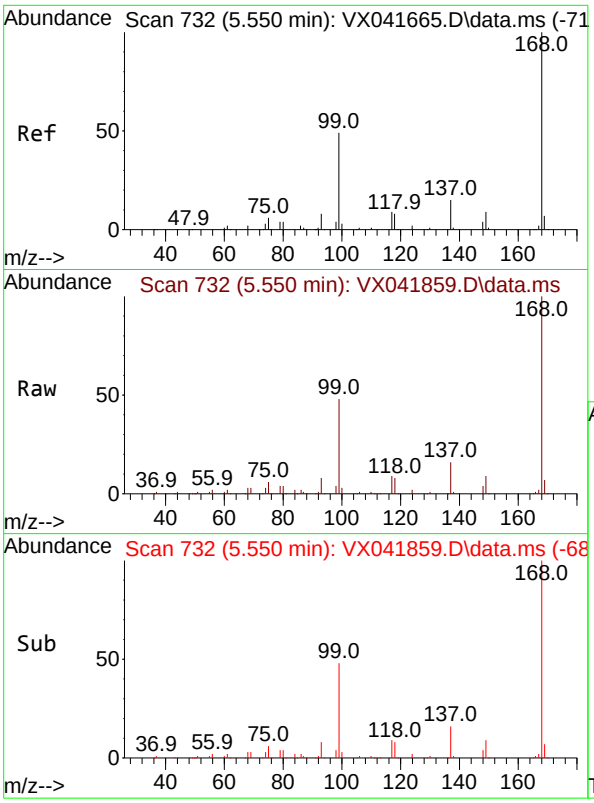


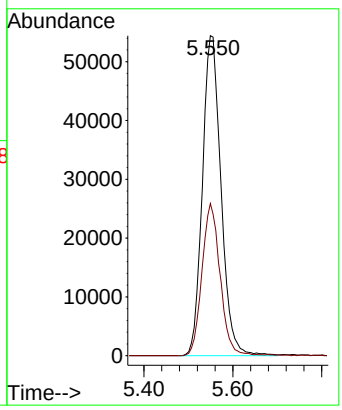


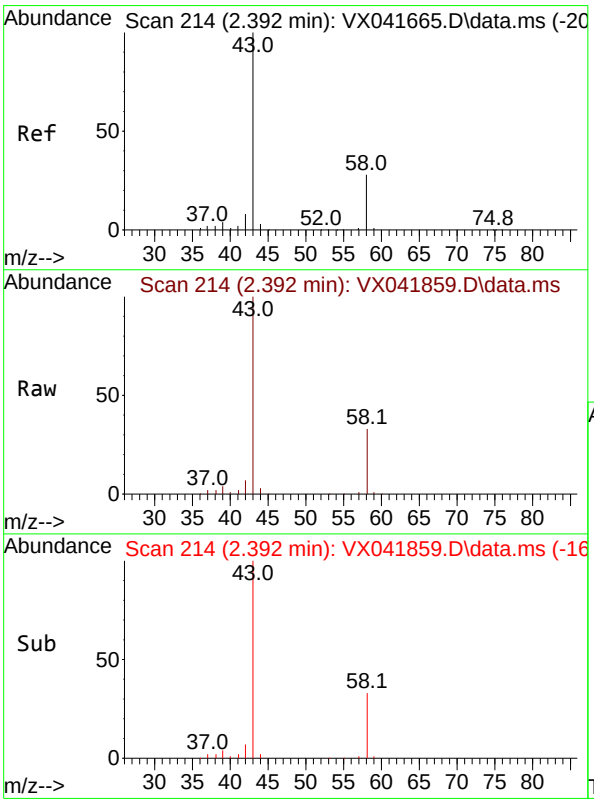
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX041859.D
Acq: 13 Jun 2024 17:15

Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#14

Tgt Ion:168 Resp: 159029

Ion	Ratio	Lower	Upper
168	100		
99	47.6	56.6	85.0#

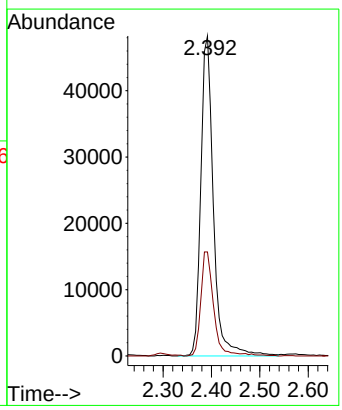


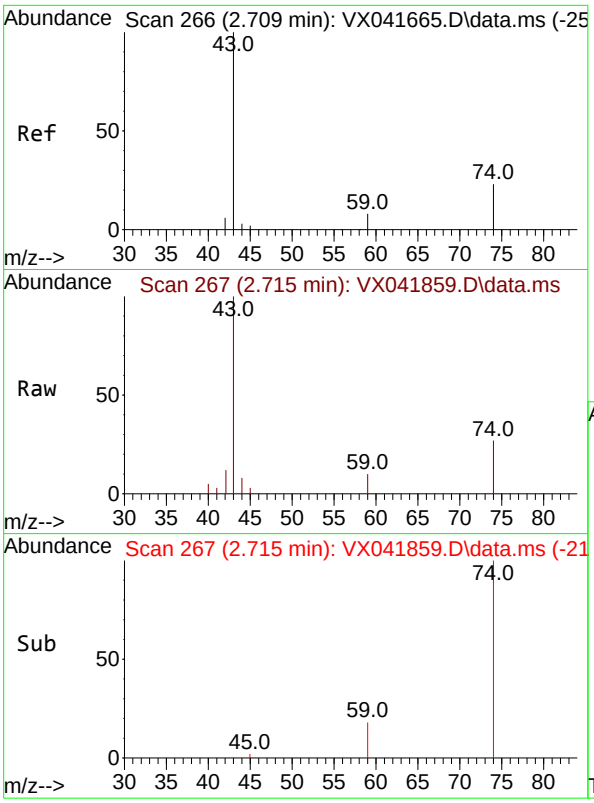


#16
Acetone
Concen: 100.405 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041859.D
Acq: 13 Jun 2024 17:15

Tgt Ion: 43 Resp: 87383

Ion	Ratio	Lower	Upper
43	100		
58	32.5	21.9	32.9



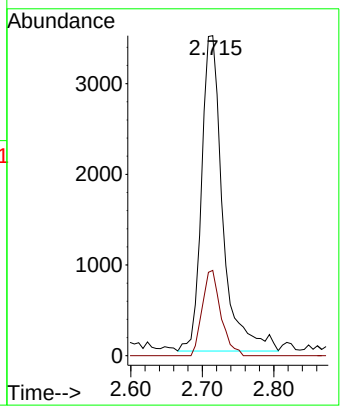


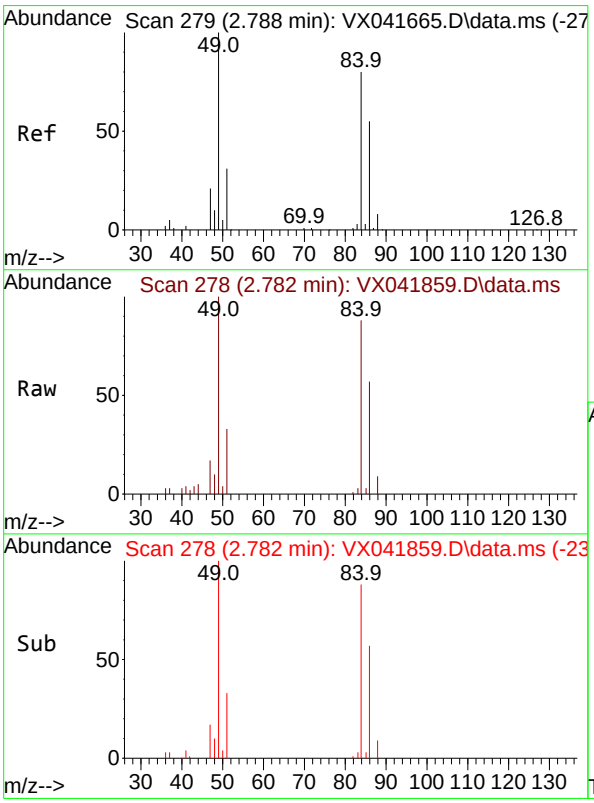
#18
Methyl Acetate
Concen: 3.846 ug/l
RT: 2.715 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX041859.D
Acq: 13 Jun 2024 17:15

Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#14

Tgt Ion: 43 Resp: 7163

Ion	Ratio	Lower	Upper
43	100		
74	23.6	17.8	26.8

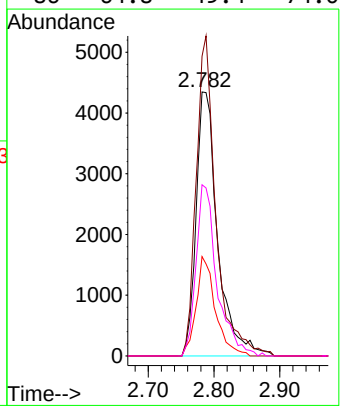


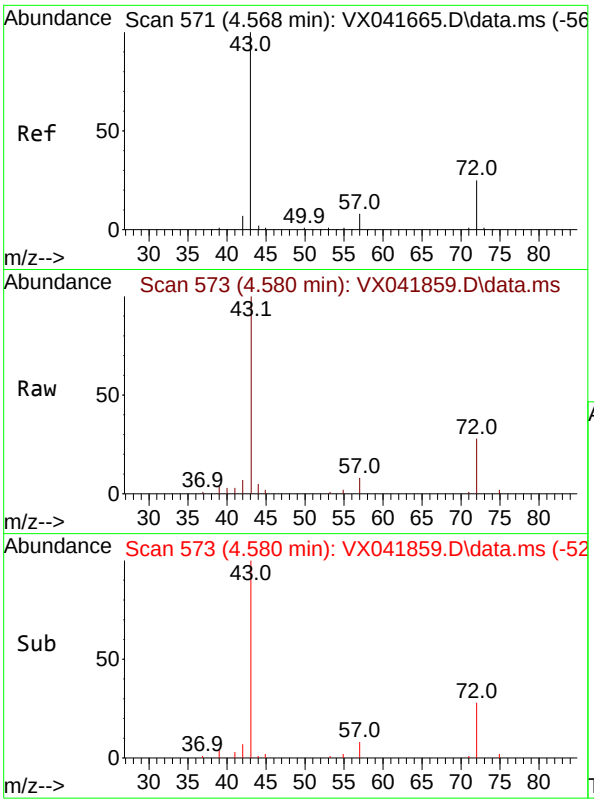


#20
Methylene Chloride
Concen: 5.676 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041859.D
Acq: 13 Jun 2024 17:15

Tgt Ion: 84 Resp: 9907

Ion	Ratio	Lower	Upper
84	100		
49	113.5	103.6	155.4
51	37.6	33.8	50.6
86	64.8	49.4	74.0



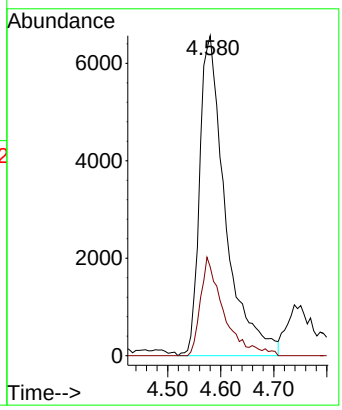


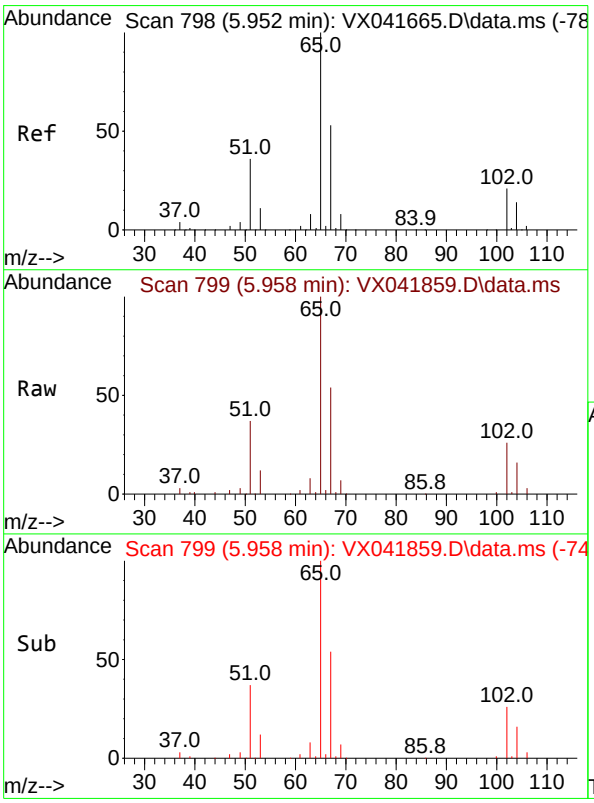
#25
2-Butanone
Concen: 18.305 ug/l
RT: 4.580 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX041859.D
Acq: 13 Jun 2024 17:15

Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#14

Tgt Ion: 43 Resp: 22190

Ion	Ratio	Lower	Upper
43	100		
72	27.8	19.4	29.2

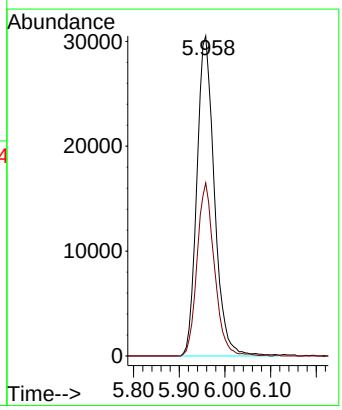


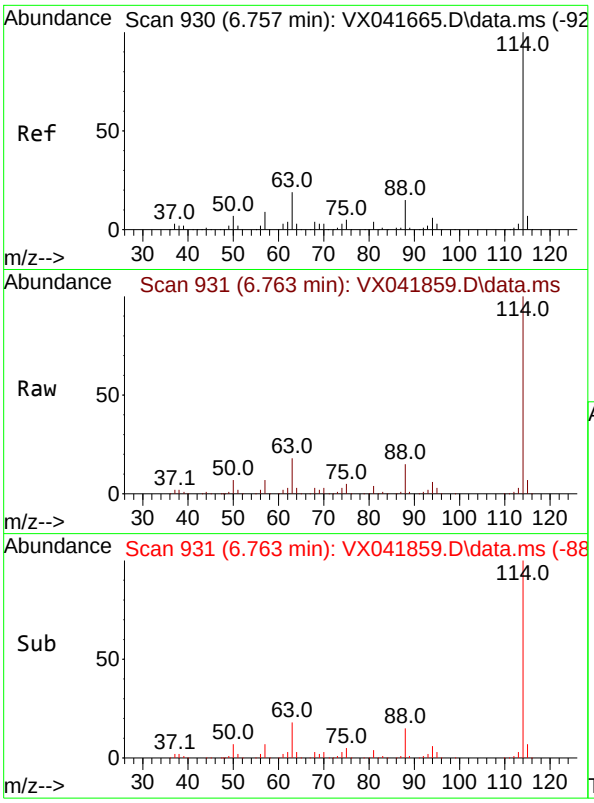


#33
1,2-Dichloroethane-d4
Concen: 41.662 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041859.D
Acq: 13 Jun 2024 17:15

Tgt Ion: 65 Resp: 81259

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	100.2



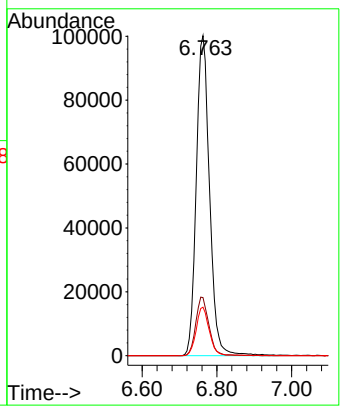


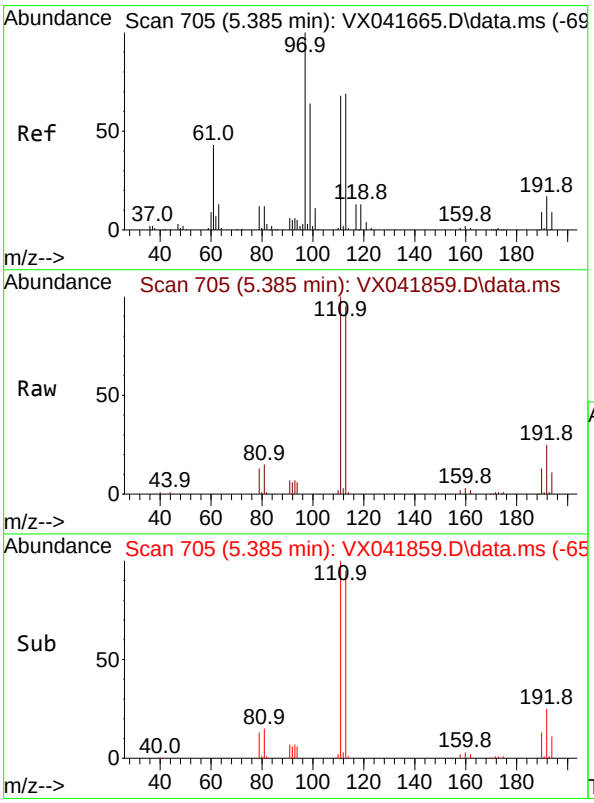
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX041859.D
Acq: 13 Jun 2024 17:15

Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#14

Tgt Ion:114 Resp: 247002

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	45.0
88	15.1	0.0	36.6

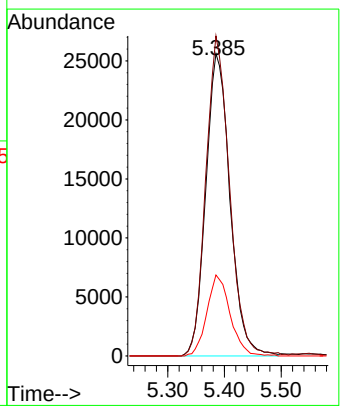


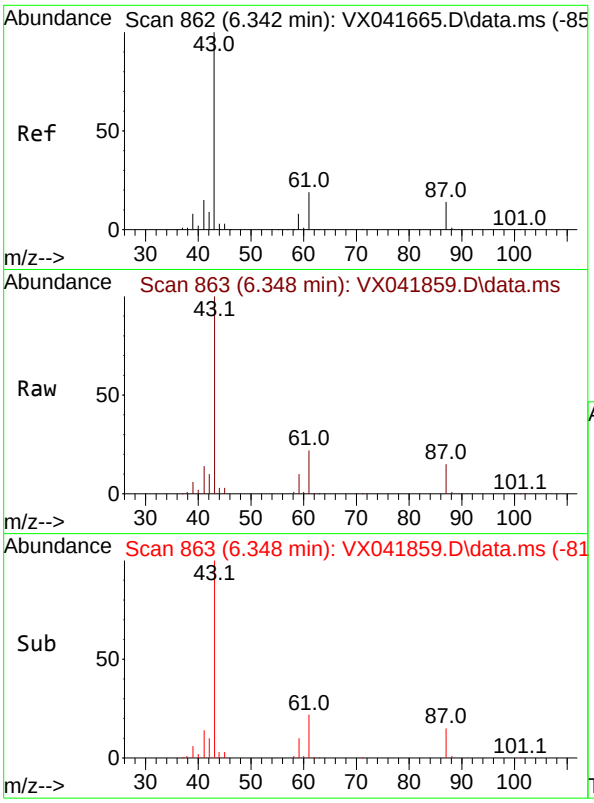


#35
Dibromofluoromethane
Concen: 44.404 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041859.D
Acq: 13 Jun 2024 17:15

Tgt Ion:113 Resp: 75832

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.9	124.3
192	25.7	13.3	19.9#



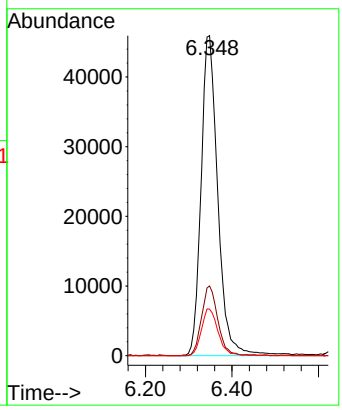


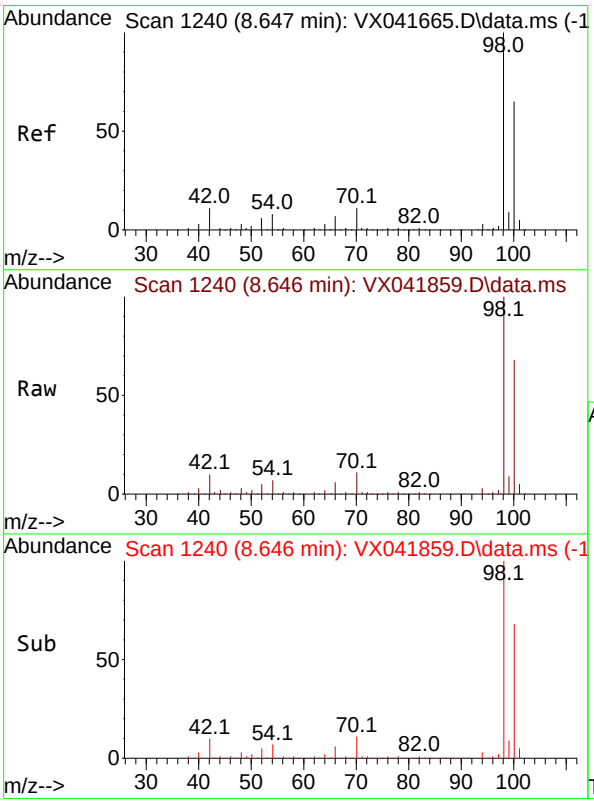
#43
Isopropyl Acetate
Concen: 31.205 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX041859.D
Acq: 13 Jun 2024 17:15

Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#14

Tgt Ion: 43 Resp: 122947

Ion	Ratio	Lower	Upper
43	100		
61	21.1	15.2	22.8
87	14.6	9.8	14.6

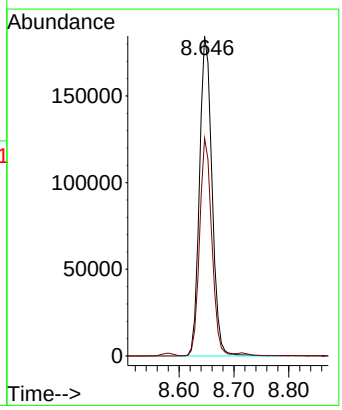


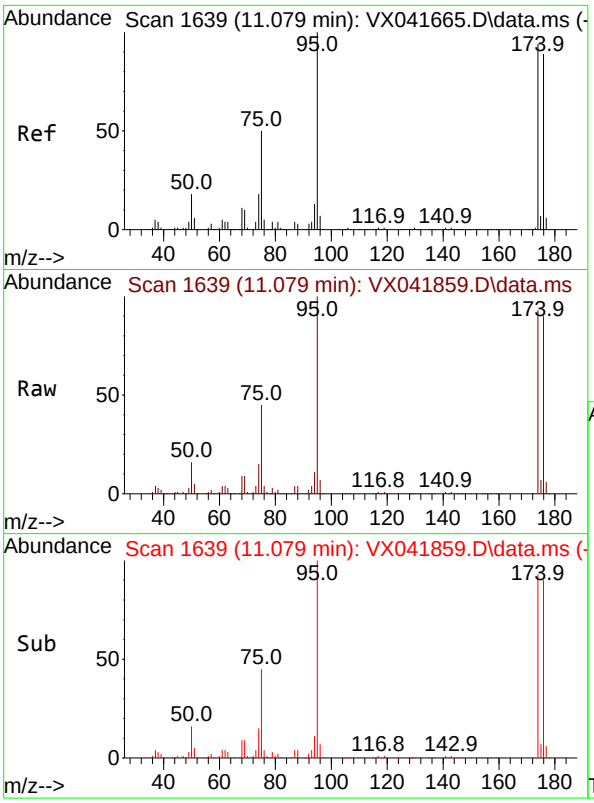


#50
Toluene-d8
Concen: 49.014 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041859.D
Acq: 13 Jun 2024 17:15

Tgt Ion: 98 Resp: 292474

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7



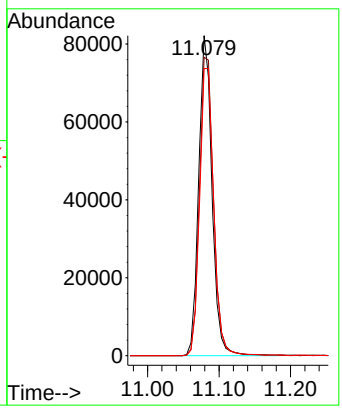


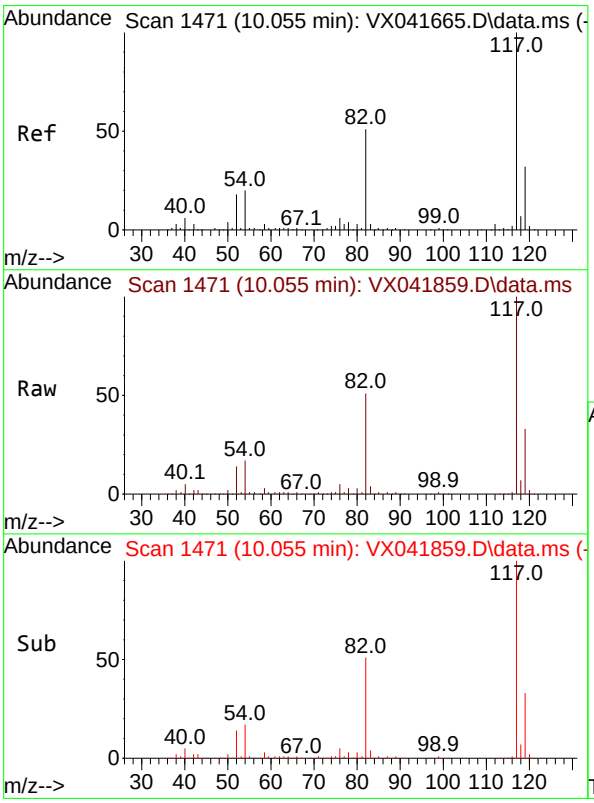
#62
4-Bromofluorobenzene
Concen: 48.123 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041859.D
Acq: 13 Jun 2024 17:15

Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#14

Tgt Ion: 95 Resp: 105983

Ion	Ratio	Lower	Upper
95	100		
174	99.2	0.0	135.6
176	95.3	0.0	131.0

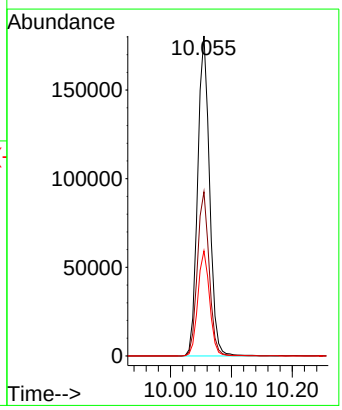


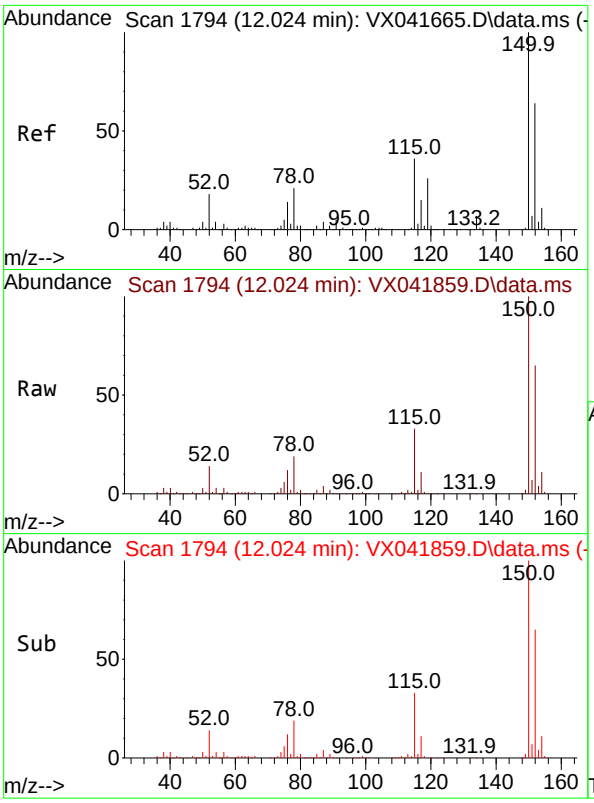


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041859.D
Acq: 13 Jun 2024 17:15

Tgt Ion:117 Resp: 244420

Ion	Ratio	Lower	Upper
117	100		
82	51.3	46.2	69.4
119	32.9	25.5	38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041859.D
Acq: 13 Jun 2024 17:15

Instrument :
MSVOA_X
ClientSampleId :
PB161467ZHE#14

Tgt Ion:152 Resp: 114985

Ion	Ratio	Lower	Upper
152	100		
115	52.4	43.3	129.9
150	156.3	0.0	345.0