Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
Data File : VX046224.D
Acq On : 15 May 2025 19:15
Operator : JC/MD
Sample : Q2038-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
72-11991

Quant Time: May 16 01:10:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	59269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	119771	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62448	56.516	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.040%			
35) Dibromofluoromethane	5.379	113	45435	52.680	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.360%			
50) Toluene-d8	8.647	98	154547	51.772	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.540%			
62) 4-Bromofluorobenzene	11.079	95	59915	52.325	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.640%			
Target Compounds						Qvalue
16) Acetone	2.386	43	18413	41.561	ug/l	97
18) Methyl Acetate	2.709	43	3544	3.447	ug/l	98
20) Methylene Chloride	2.782	84	12997	15.309	ug/l	96
25) 2-Butanone	4.580	43	4981	7.744	ug/l #	86
43) Isopropyl Acetate	6.342	43	13944	6.384	ug/l	95

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

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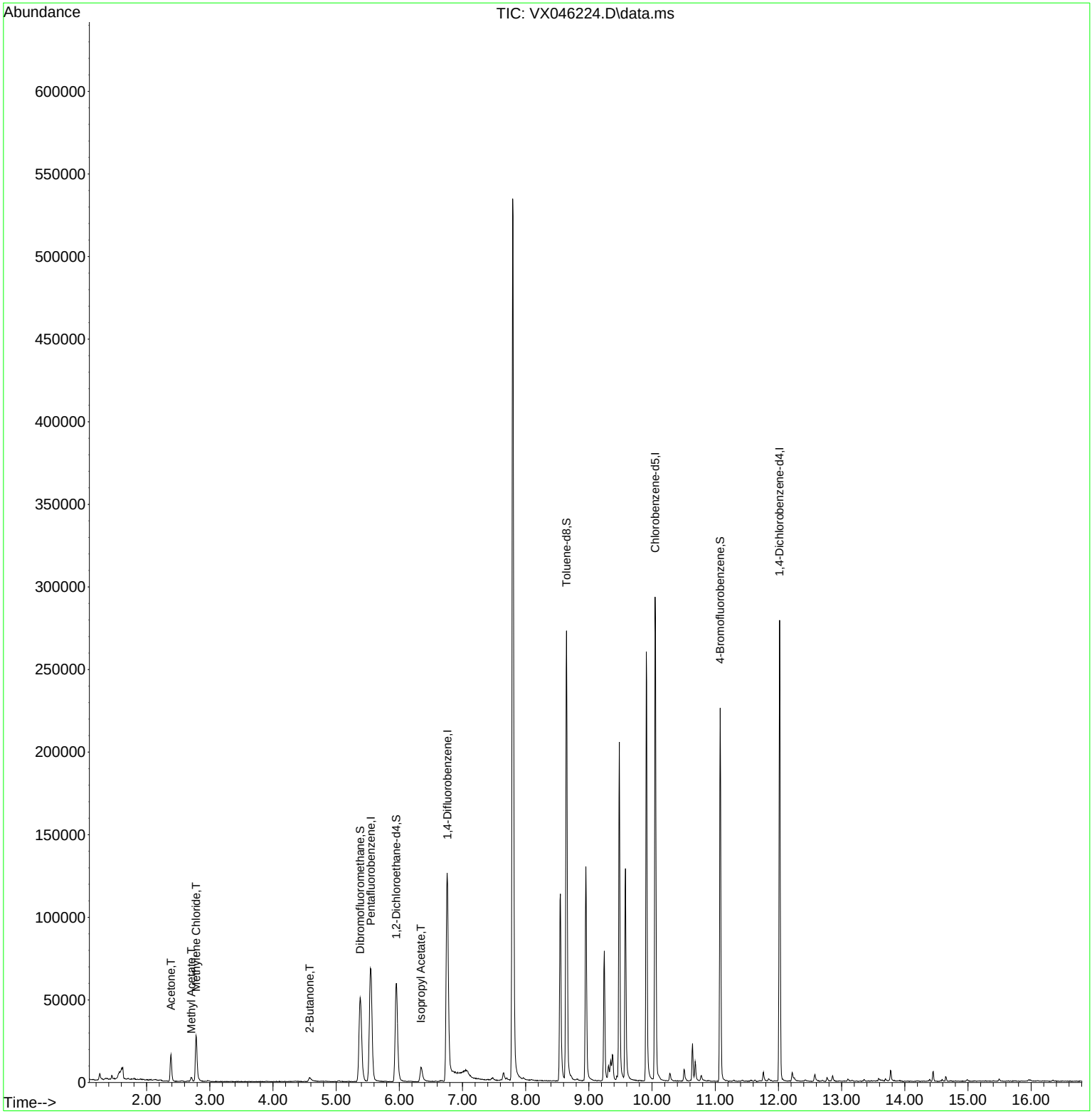
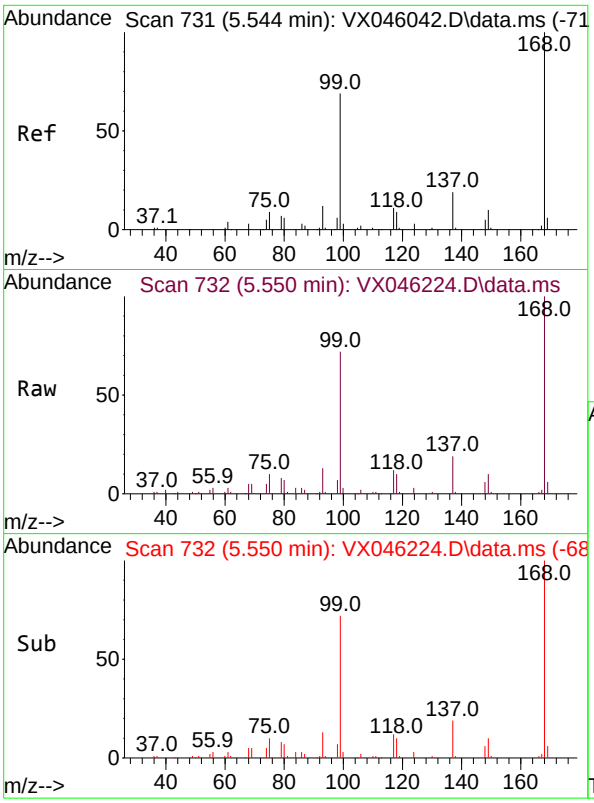


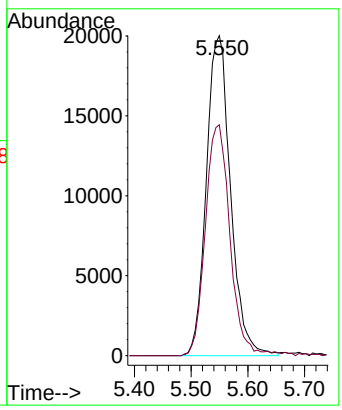


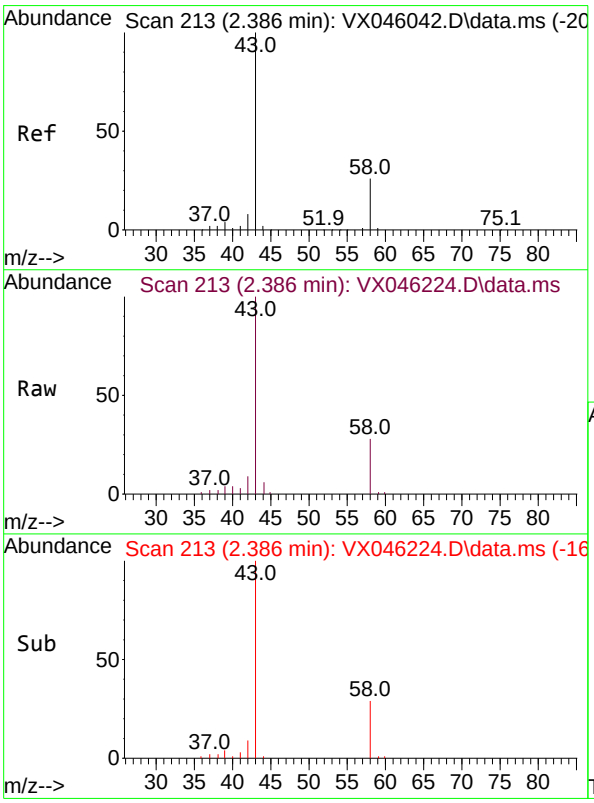
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046224.D
Acq: 15 May 2025 19:15

Instrument :
MSVOA_X
ClientSampleId :
72-11991

Tgt Ion:168 Resp: 59269

Ion	Ratio	Lower	Upper
168	100		
99	72.2	54.9	82.3

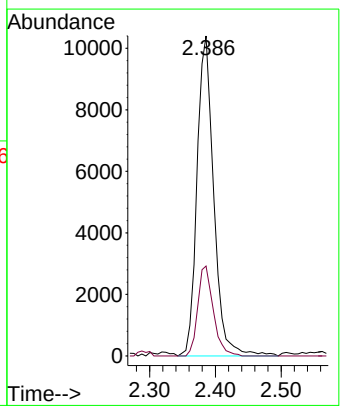


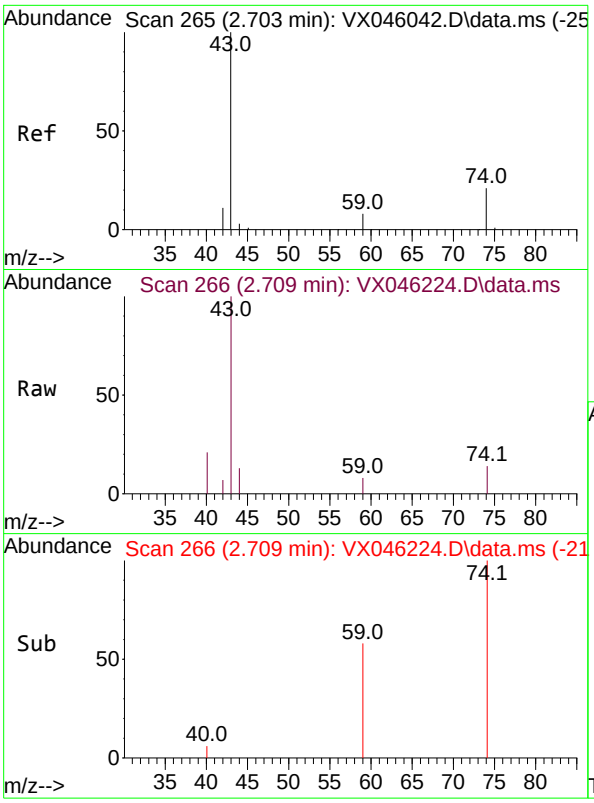


#16
Acetone
Concen: 41.561 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046224.D
Acq: 15 May 2025 19:15

Tgt Ion: 43 Resp: 18413

Ion	Ratio	Lower	Upper
43	100		
58	28.1	21.2	31.8



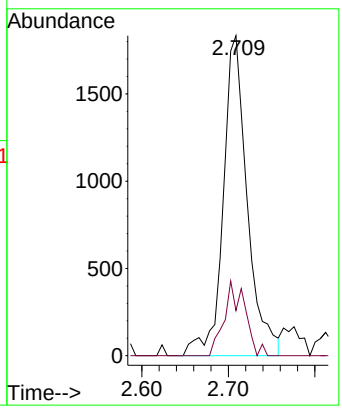


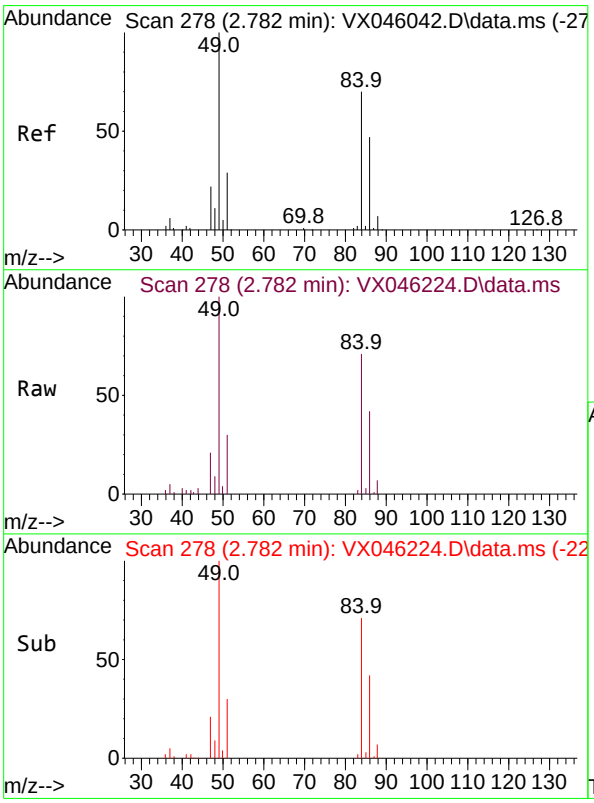
#18
Methyl Acetate
Concen: 3.447 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046224.D
Acq: 15 May 2025 19:15

Instrument :
MSVOA_X
ClientSampleId :
72-11991

Tgt Ion: 43 Resp: 3544

Ion	Ratio	Lower	Upper
43	100		
74	20.0	16.7	25.1

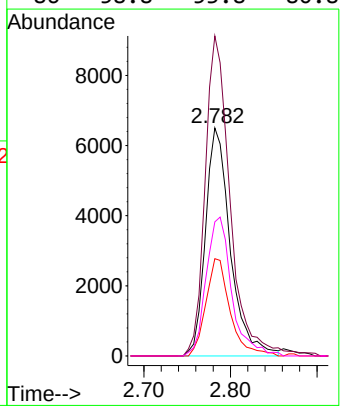


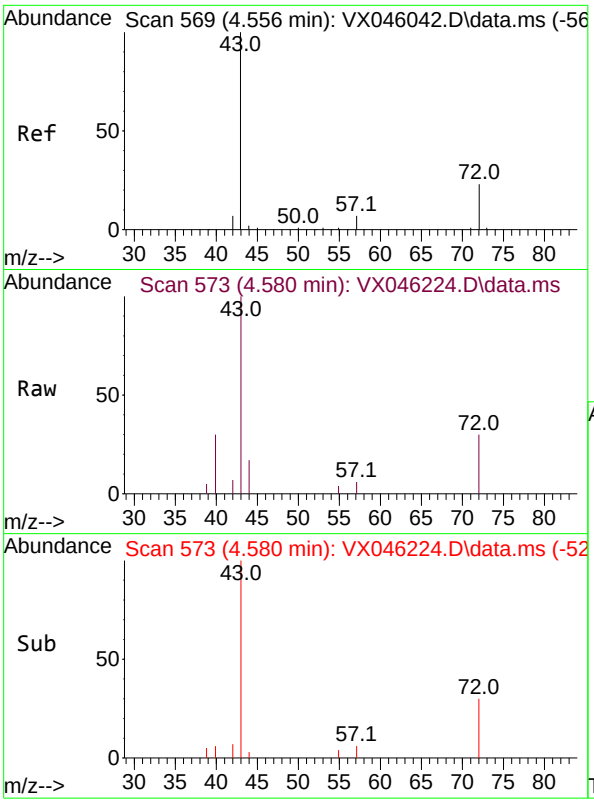


#20
Methylene Chloride
Concen: 15.309 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046224.D
Acq: 15 May 2025 19:15

Tgt Ion: 84 Resp: 12997

Ion	Ratio	Lower	Upper
84	100		
49	140.3	113.9	170.9
51	42.7	33.5	50.3
86	58.8	53.8	80.8



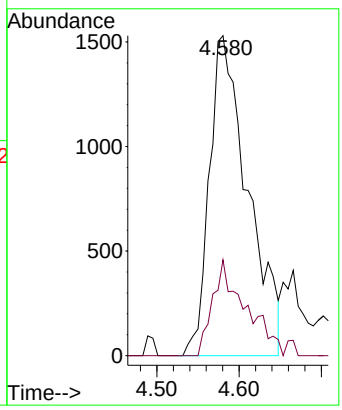


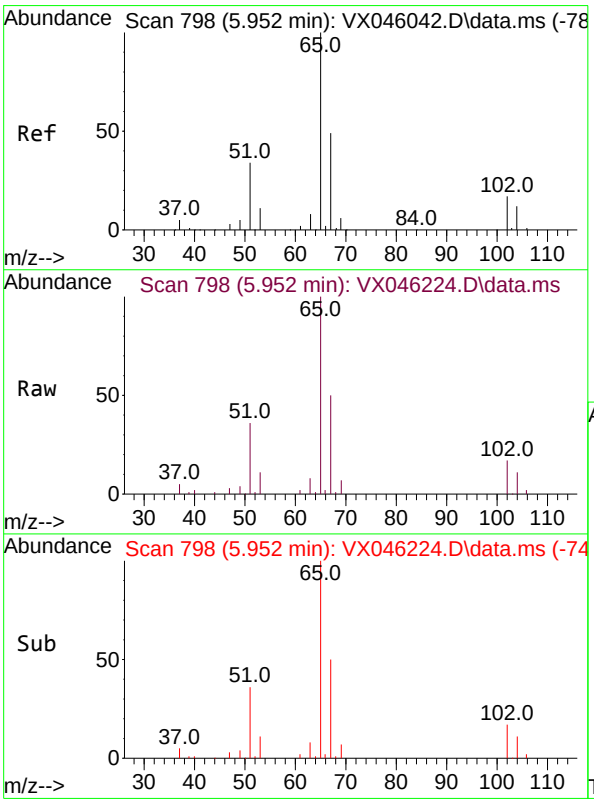
#25
2-Butanone
Concen: 7.744 ug/l
RT: 4.580 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX046224.D
Acq: 15 May 2025 19:15

Instrument :
MSVOA_X
ClientSampleId :
72-11991

Tgt Ion: 43 Resp: 4981

Ion	Ratio	Lower	Upper
43	100		
72	29.9	18.4	27.6#

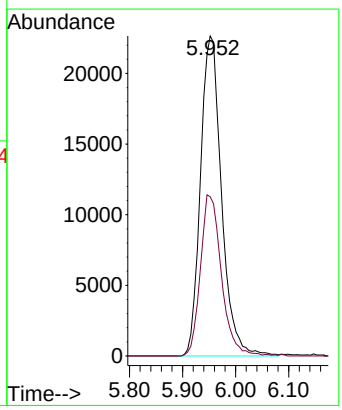


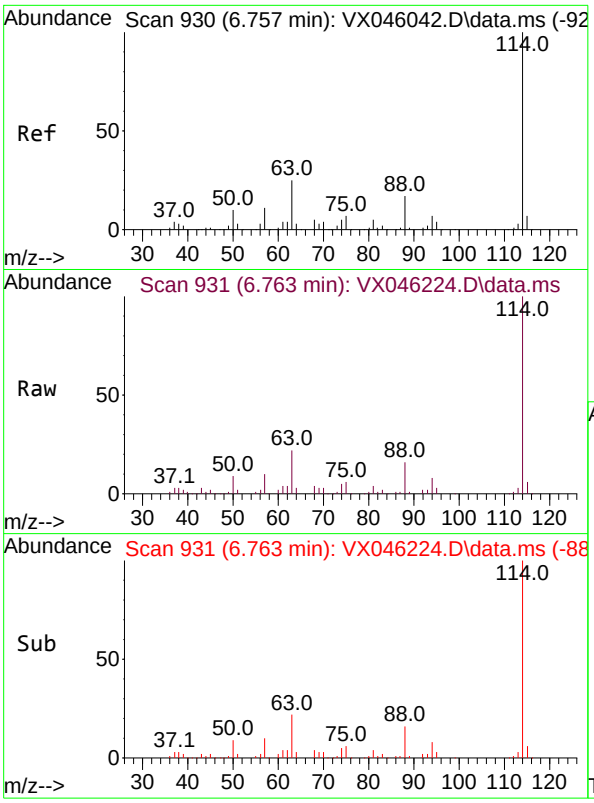


#33
1,2-Dichloroethane-d4
Concen: 56.516 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046224.D
Acq: 15 May 2025 19:15

Tgt Ion: 65 Resp: 62448

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	99.0



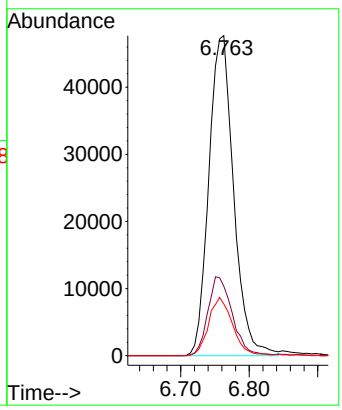


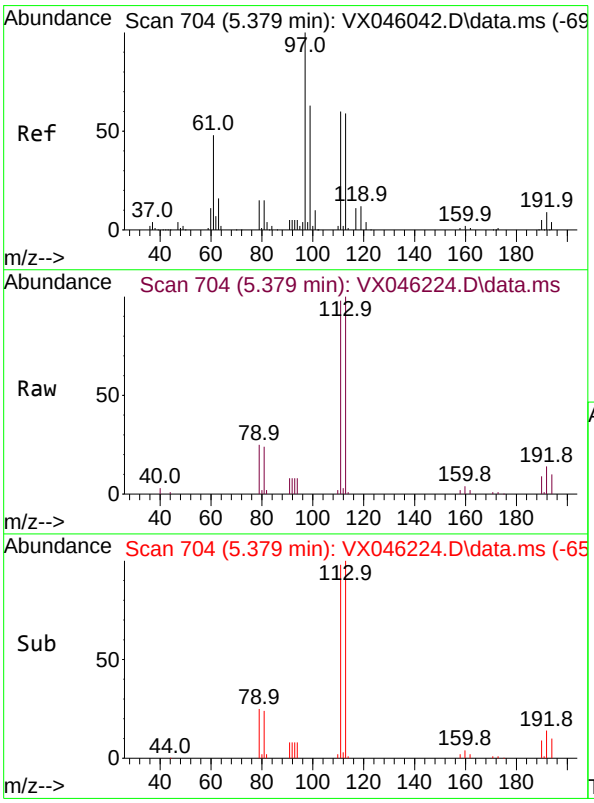
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX046224.D
Acq: 15 May 2025 19:15

Instrument :
MSVOA_X
ClientSampleId :
72-11991

Tgt Ion:114 Resp: 119771

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	49.2
88	16.1	0.0	33.6

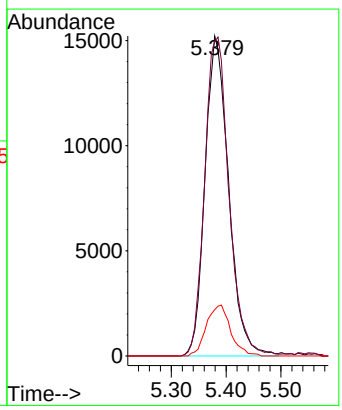


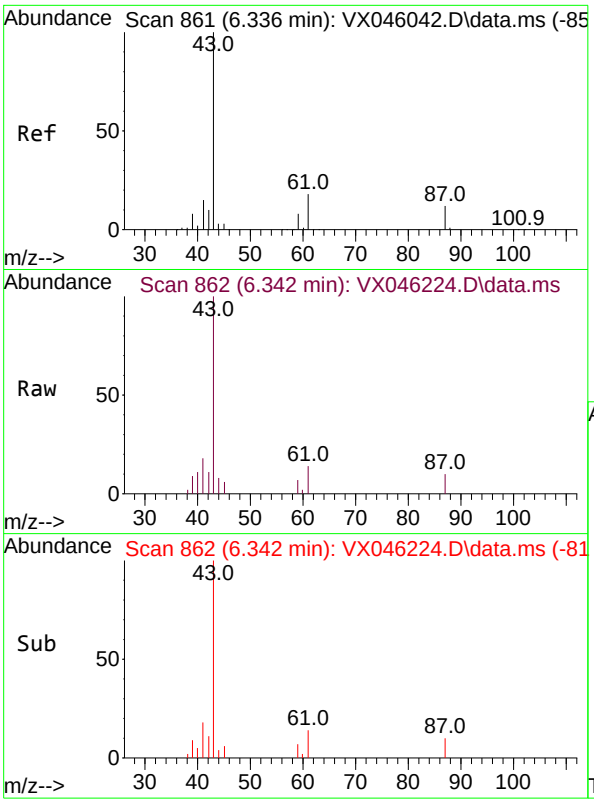


#35
Dibromofluoromethane
Concen: 52.680 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046224.D
Acq: 15 May 2025 19:15

Tgt Ion:113 Resp: 45435

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.1	124.7
192	16.3	13.3	19.9



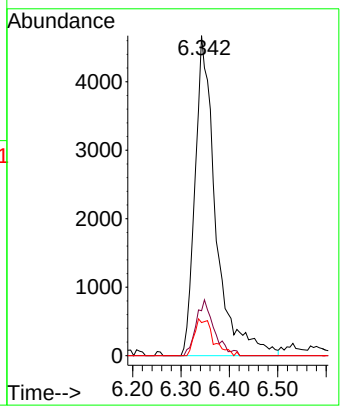


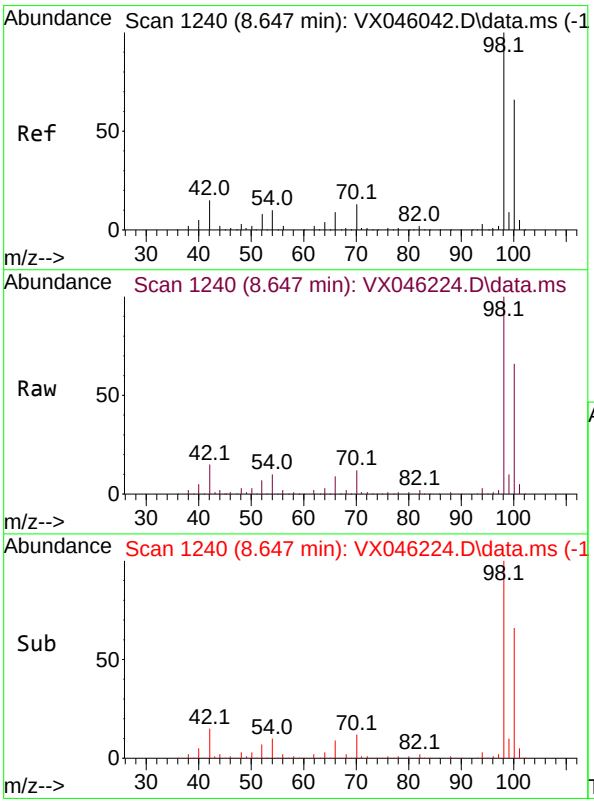
#43
Isopropyl Acetate
Concen: 6.384 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046224.D
Acq: 15 May 2025 19:15

Instrument :
MSVOA_X
ClientSampleId :
72-11991

Tgt Ion: 43 Resp: 13944

Ion	Ratio	Lower	Upper
43	100		
61	15.2	14.3	21.5
87	10.4	9.5	14.3

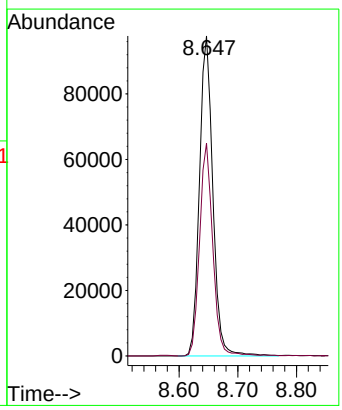


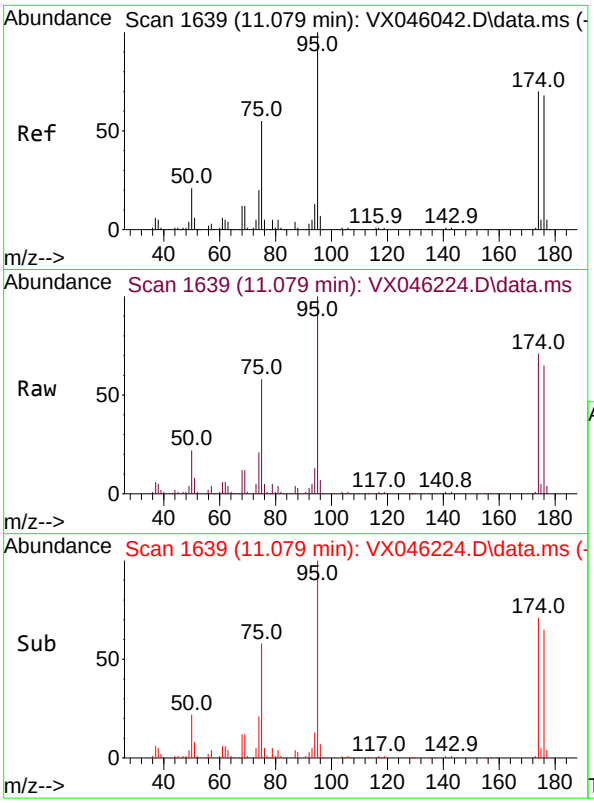


#50
Toluene-d8
Concen: 51.772 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046224.D
Acq: 15 May 2025 19:15

Tgt Ion: 98 Resp: 154547

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.5	80.3



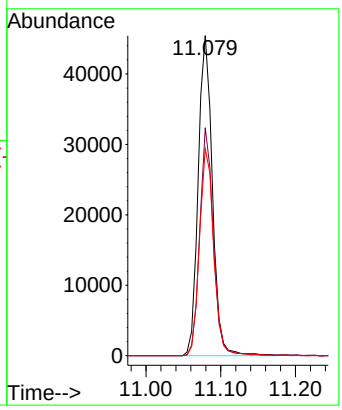


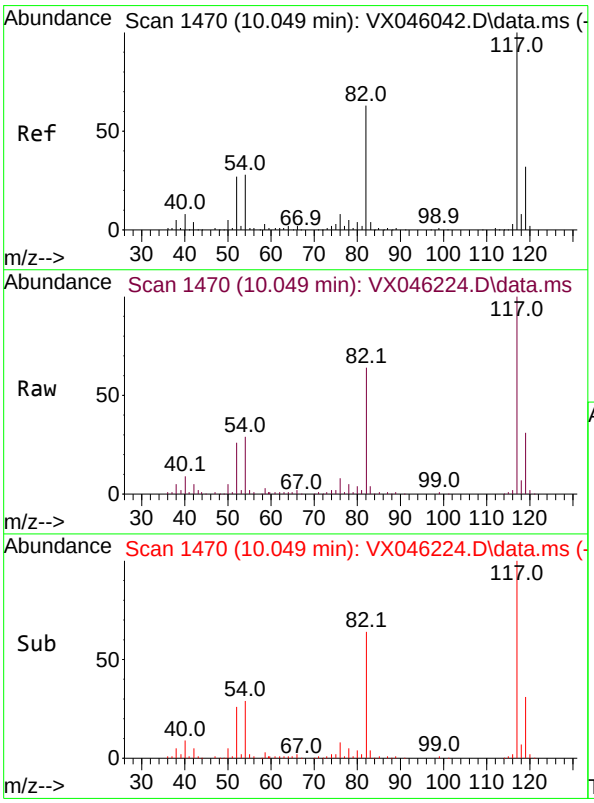
#62
4-Bromofluorobenzene
Concen: 52.325 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046224.D
Acq: 15 May 2025 19:15

Instrument :
MSVOA_X
ClientSampleId :
72-11991

Tgt Ion: 95 Resp: 59915

Ion	Ratio	Lower	Upper
95	100		
174	68.0	0.0	135.8
176	64.9	0.0	131.4

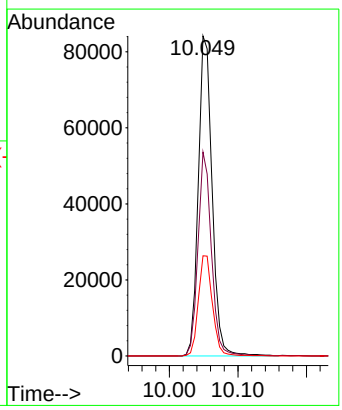


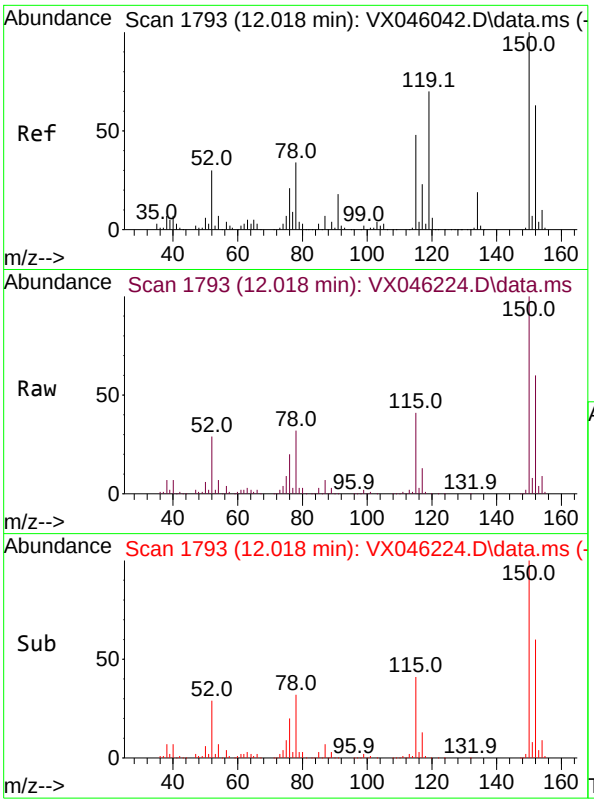


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046224.D
Acq: 15 May 2025 19:15

Tgt Ion:117 Resp: 118520

Ion	Ratio	Lower	Upper
117	100		
82	63.7	50.6	76.0
119	31.3	25.8	38.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046224.D
Acq: 15 May 2025 19:15

Instrument :
MSVOA_X
ClientSampleId :
72-11991

Tgt Ion:152 Resp: 51396

Ion	Ratio	Lower	Upper
152	100		
115	65.3	46.9	140.7
150	157.3	0.0	351.0