Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046773.D
Acq On : 19 Jun 2025 16:27
Operator : JC/MD
Sample : Q2372-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Quant Time: Jun 20 05:22:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	139696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	109489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94288	48.797	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.600%			
35) Dibromofluoromethane	5.397	113	77297	48.857	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.720%			
50) Toluene-d8	8.647	98	286020	50.319	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.640%			
62) 4-Bromofluorobenzene	11.079	95	109386	51.626	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.260%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	1.904	101	809	0.310	ug/l #	81
10) Methyl Iodide	2.477	142	127	4.392	ug/l #	38
16) Acetone	2.386	43	71832	111.479	ug/l	99
31) Cyclohexane	5.556	56	3006	1.039	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11250	4.926	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14132	5.702	ug/l #	17
39) Methylcyclohexane	7.385	83	733	0.244	ug/l	95
51) 4-Methyl-2-Pentanone	8.592	43	426	0.217	ug/l #	37
76) 1,2,3-Trichloropropane	11.079	75	55301	27.577	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	55301	77.949	ug/l #	7

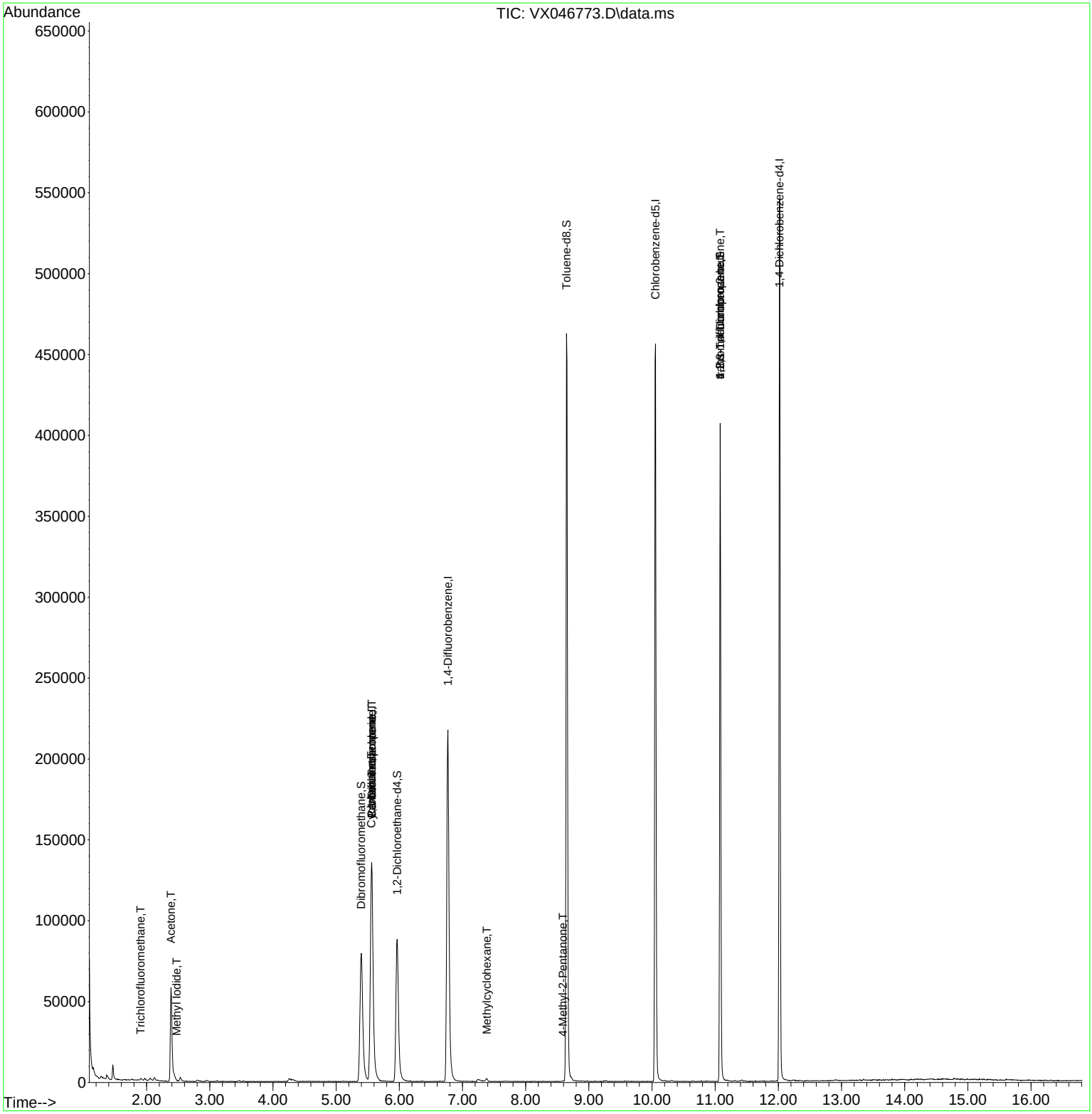
(#) = qualifier out of range (m) = manual integration (+) = signals summed

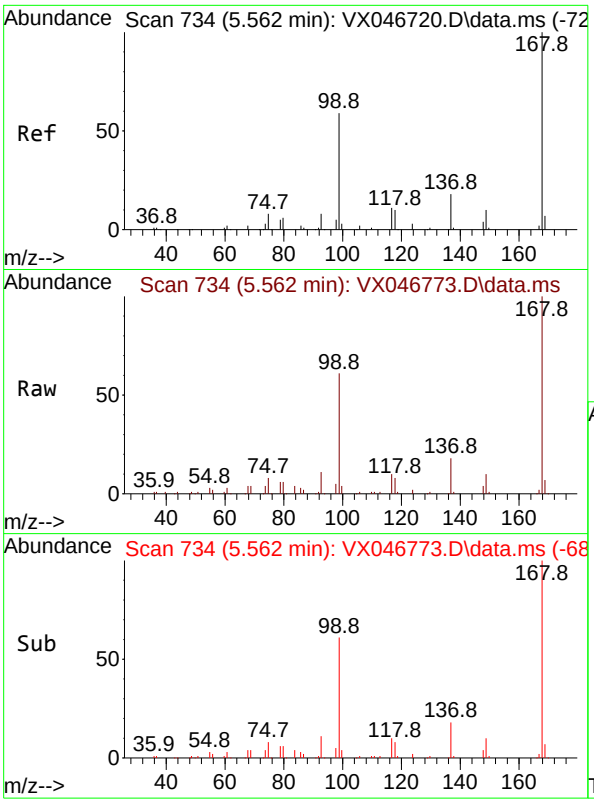
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046773.D
Acq On : 19 Jun 2025 16:27
Operator : JC/MD
Sample : Q2372-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Quant Time: Jun 20 05:22:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



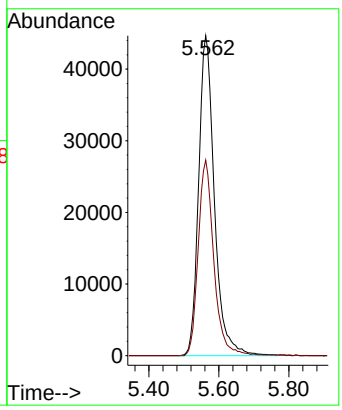


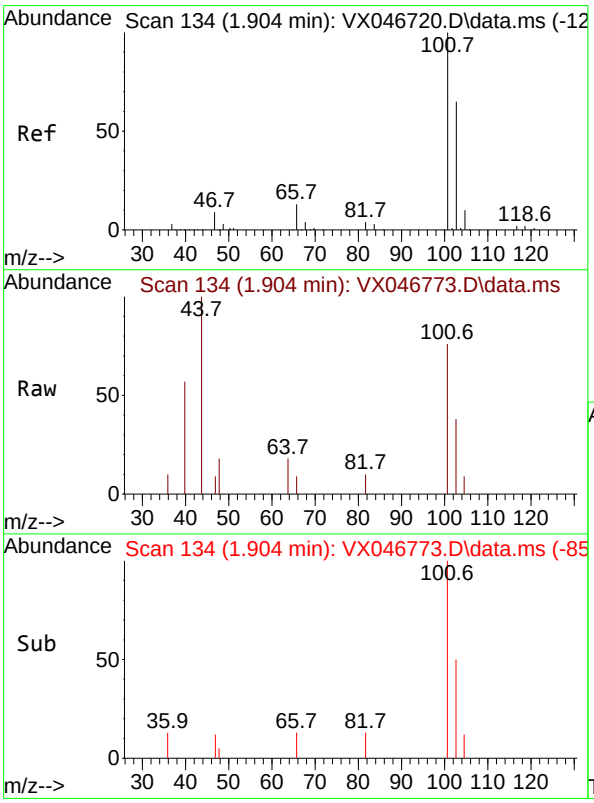
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Tgt Ion:168 Resp: 139696

Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.5	72.7

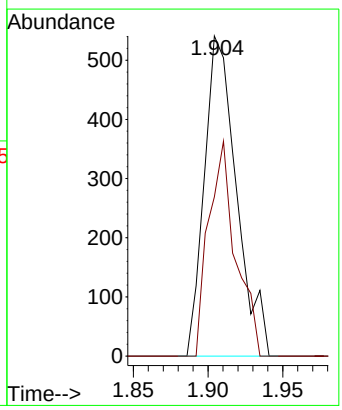


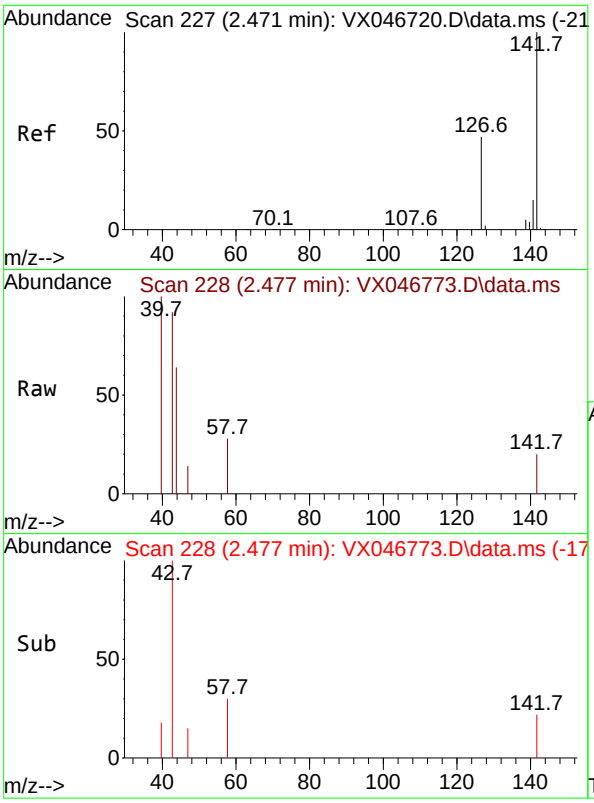


#7
Trichlorofluoromethane
Concen: 0.310 ug/l
RT: 1.904 min Scan# 134
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Tgt Ion:101 Resp: 809

Ion	Ratio	Lower	Upper
101	100		
103	49.7	51.8	77.8#



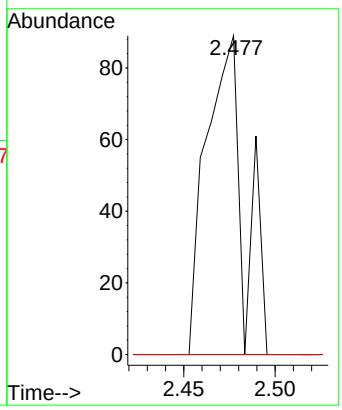


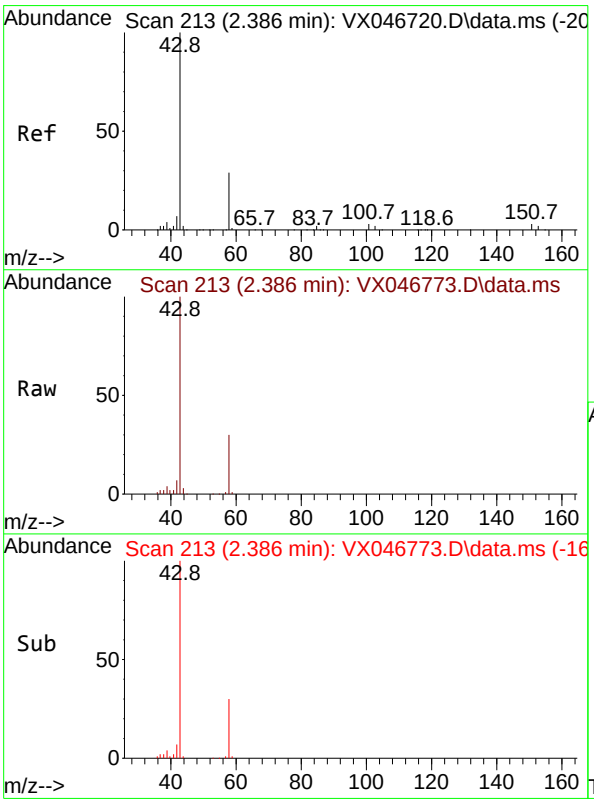
#10
Methyl Iodide
Concen: 4.392 ug/l
RT: 2.477 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Tgt Ion:142 Resp: 127

Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.0	55.6#
141	0.0	11.5	17.3#

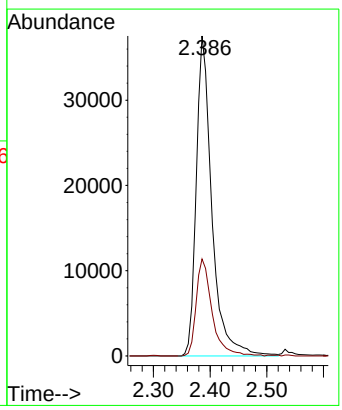


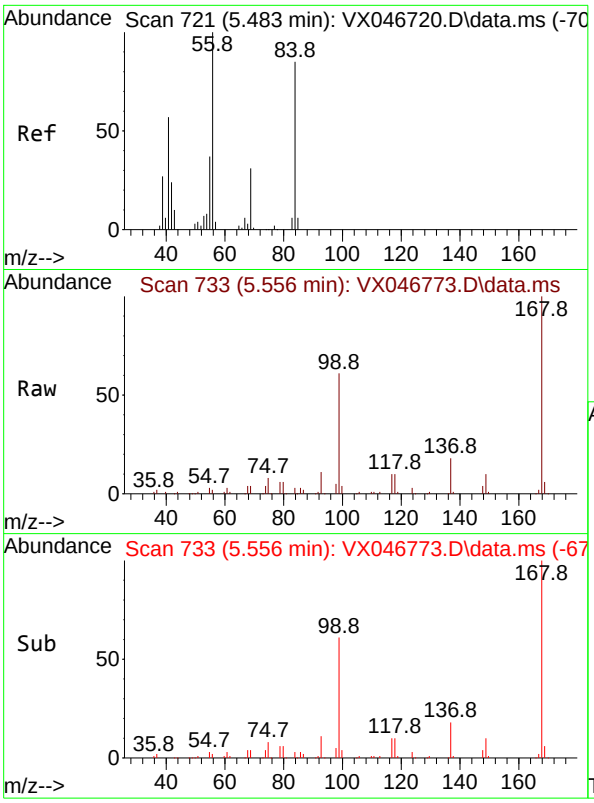


#16
Acetone
Concen: 111.479 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Tgt Ion: 43 Resp: 71832

Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.5	36.7



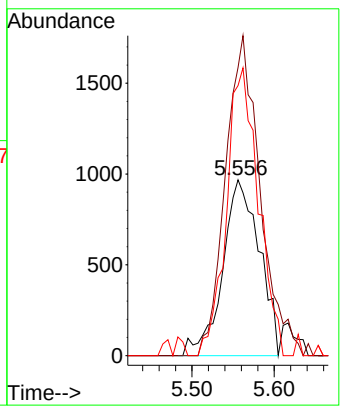


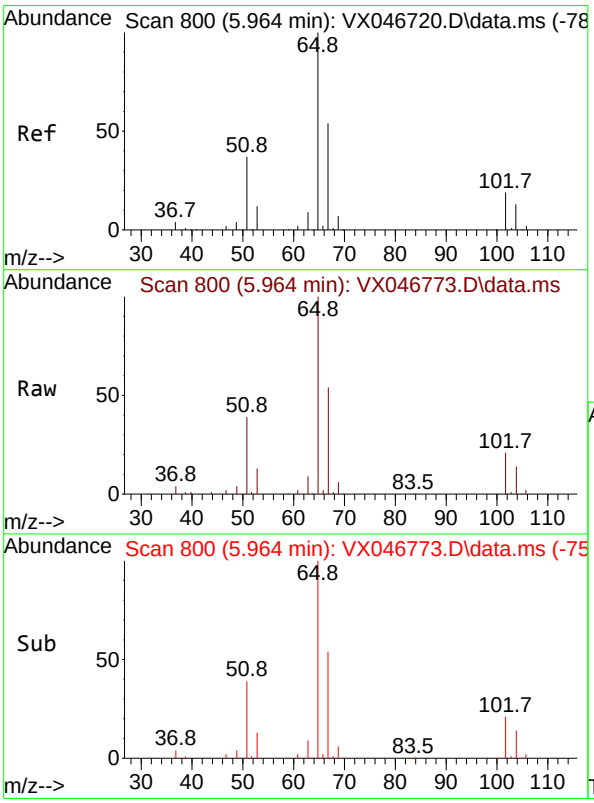
#31
Cyclohexane
Concen: 1.039 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.073 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Tgt Ion: 56 Resp: 3006

Ion	Ratio	Lower	Upper
56	100		
69	163.9	24.8	37.2#
84	143.0	68.2	102.2#

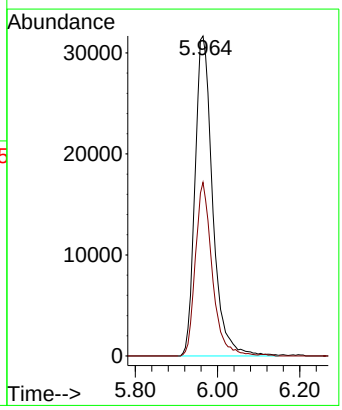


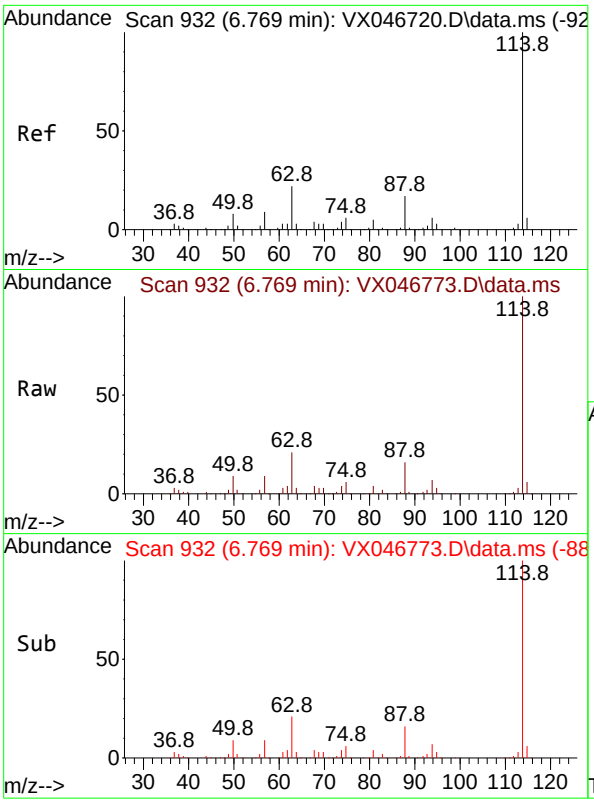


#33
1,2-Dichloroethane-d4
Concen: 48.797 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Tgt Ion: 65 Resp: 94288

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	105.4



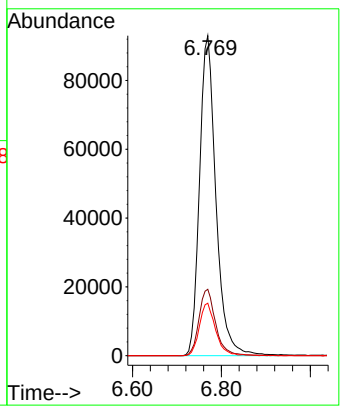


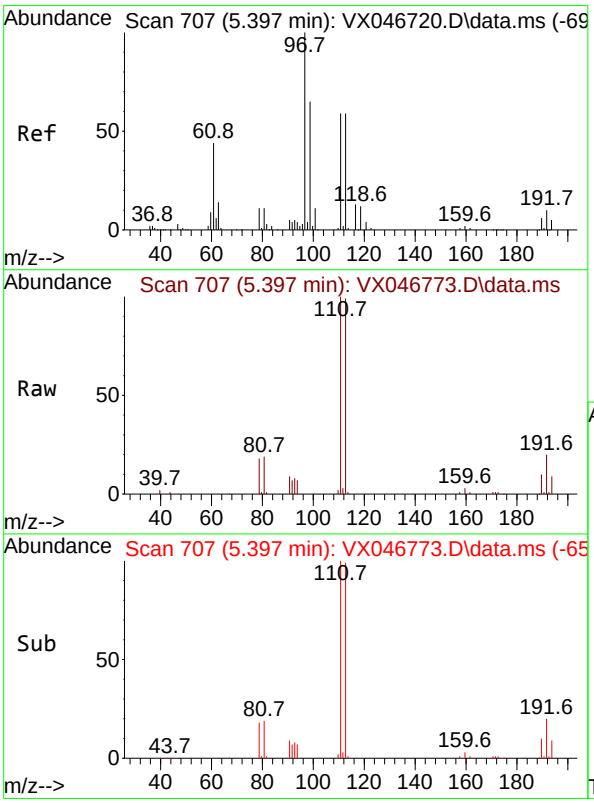
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Tgt Ion:114 Resp: 239120

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	44.2
88	16.4	0.0	33.2

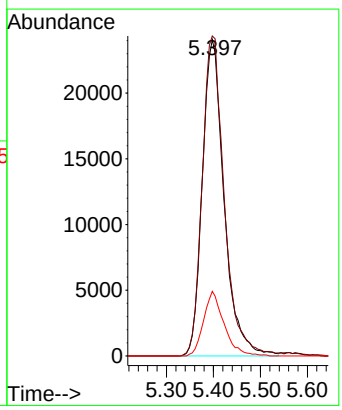


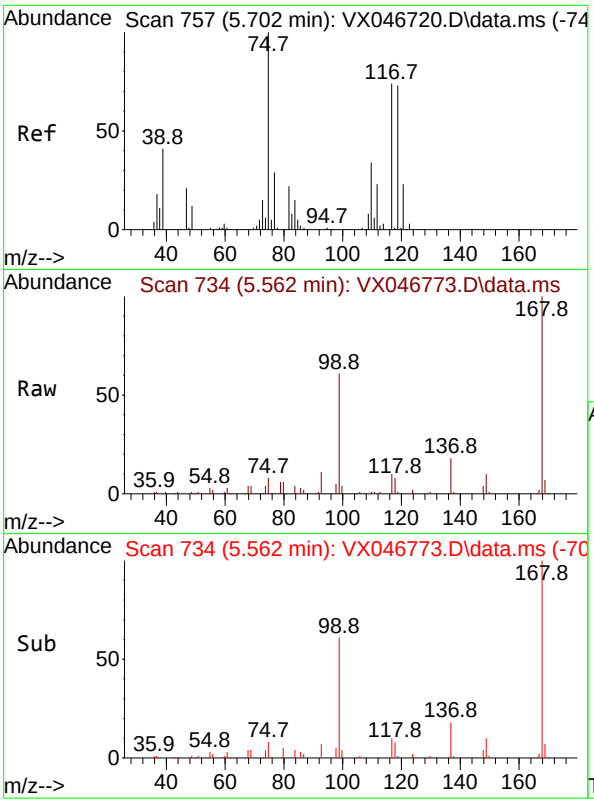


#35
Dibromofluoromethane
Concen: 48.857 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Tgt Ion:113 Resp: 77297

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	19.2	15.3	22.9



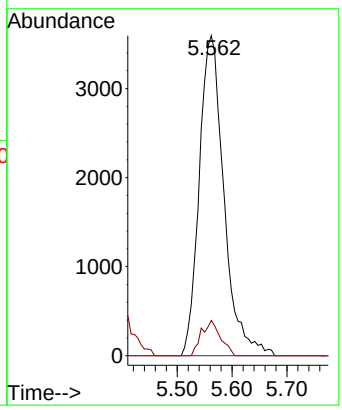


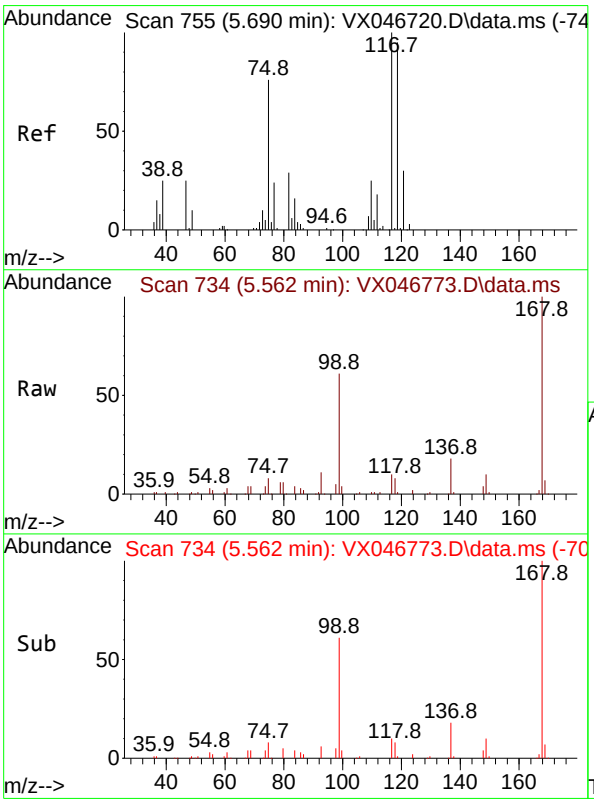
#36
1,1-Dichloropropene
Concen: 4.926 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Tgt Ion: 75 Resp: 11250

Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.2	51.5#
77	0.0	24.2	36.4#

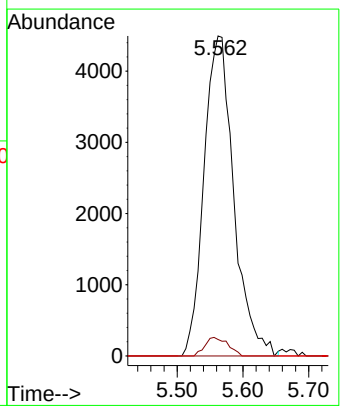


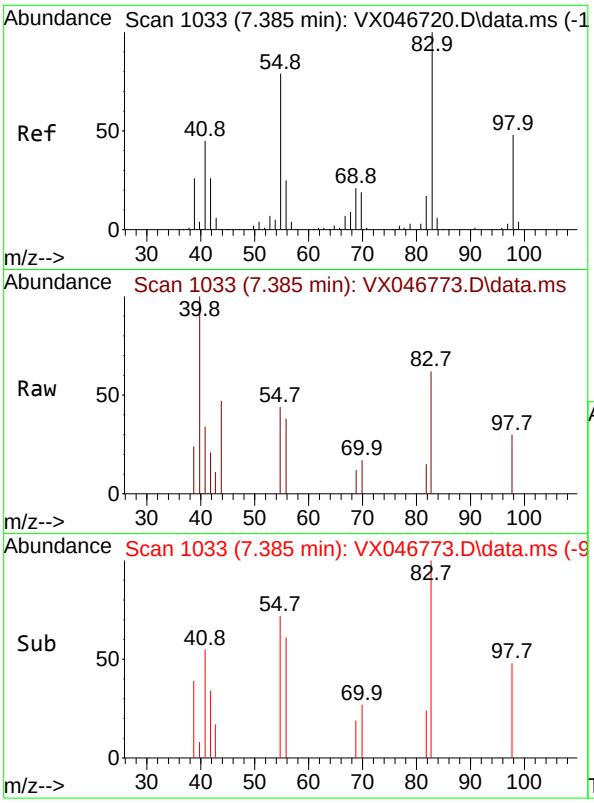


#38
Carbon Tetrachloride
Concen: 5.702 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Tgt Ion:117 Resp: 14132

Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.2	112.8#
121	0.0	24.1	36.1#



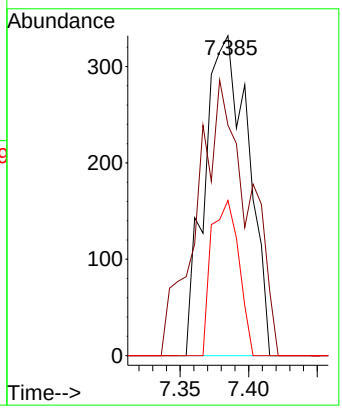


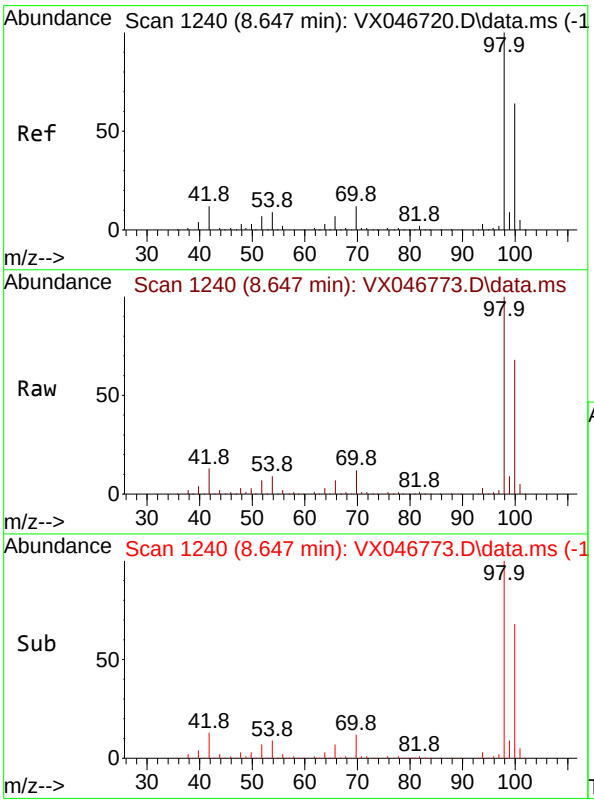
#39
Methylcyclohexane
Concen: 0.244 ug/l
RT: 7.385 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Tgt Ion: 83 Resp: 733

Ion	Ratio	Lower	Upper
83	100		
55	72.0	63.0	94.4
98	48.5	38.8	58.2

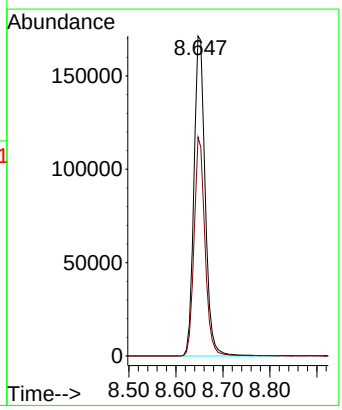


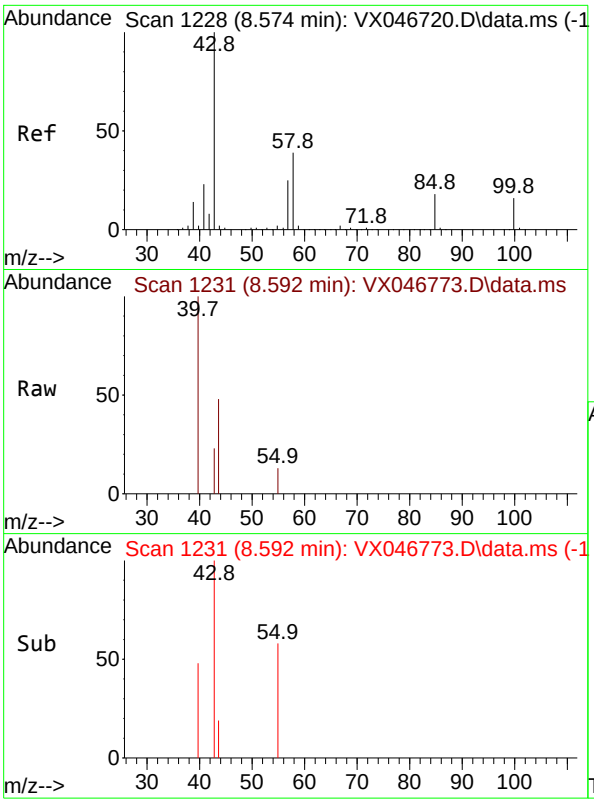


#50
Toluene-d8
Concen: 50.319 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Tgt Ion: 98 Resp: 286020

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4



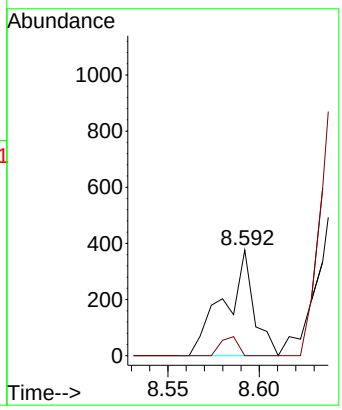


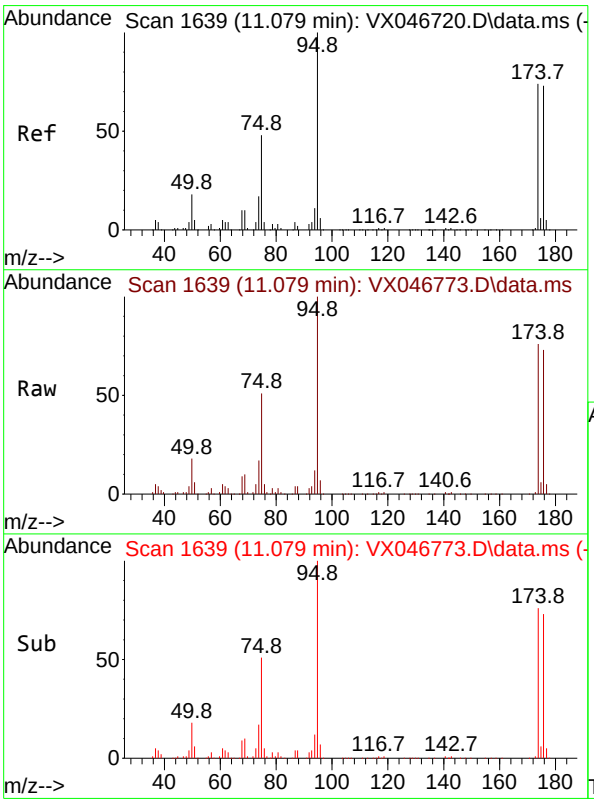
#51
4-Methyl-2-Pentanone
Concen: 0.217 ug/l
RT: 8.592 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Tgt Ion: 43 Resp: 426

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.8	46.2#

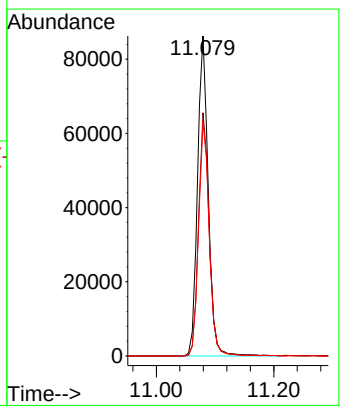


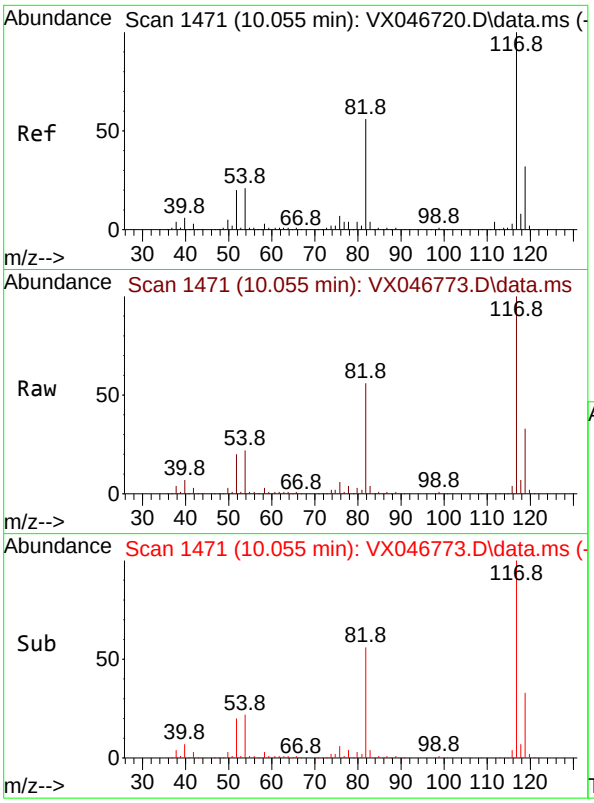


#62
4-Bromofluorobenzene
Concen: 51.626 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Tgt Ion: 95 Resp: 109386

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	150.4
176	72.7	0.0	145.0



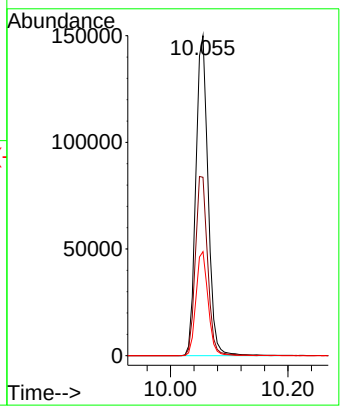


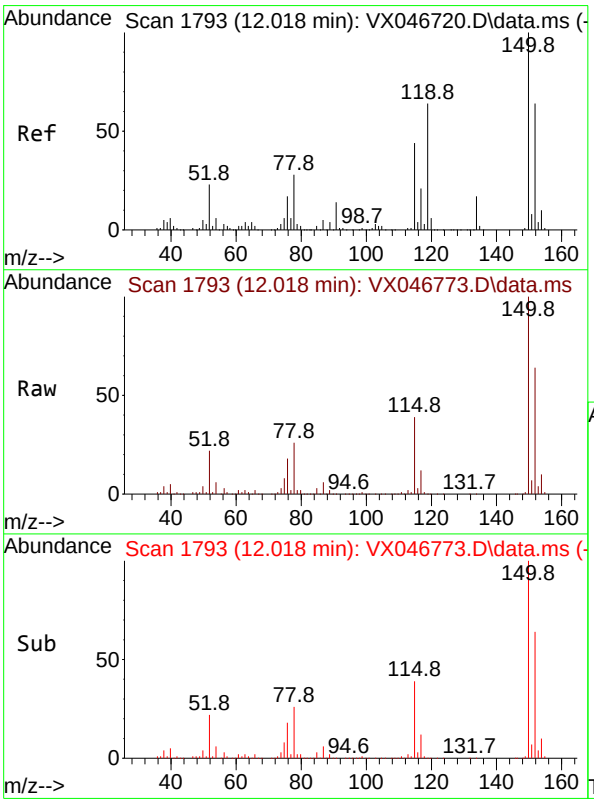
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

Tgt Ion:117 Resp: 216781

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.6	66.8
119	32.5	25.8	38.8

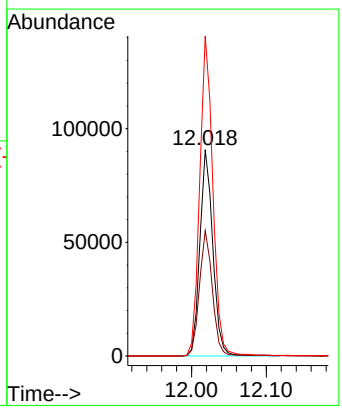


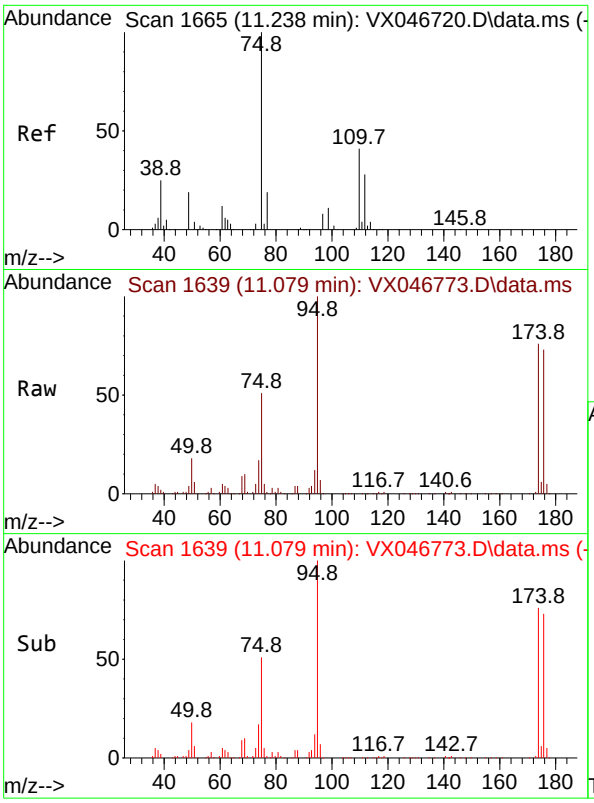


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Tgt Ion:152 Resp: 109489

Ion	Ratio	Lower	Upper
152	100		
115	60.4	43.2	129.6
150	157.2	0.0	346.8



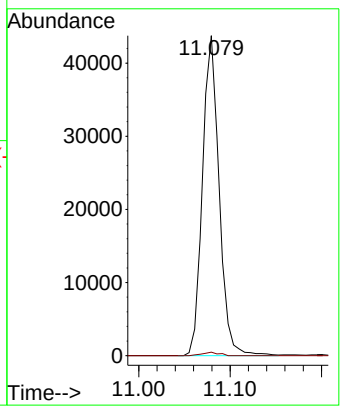


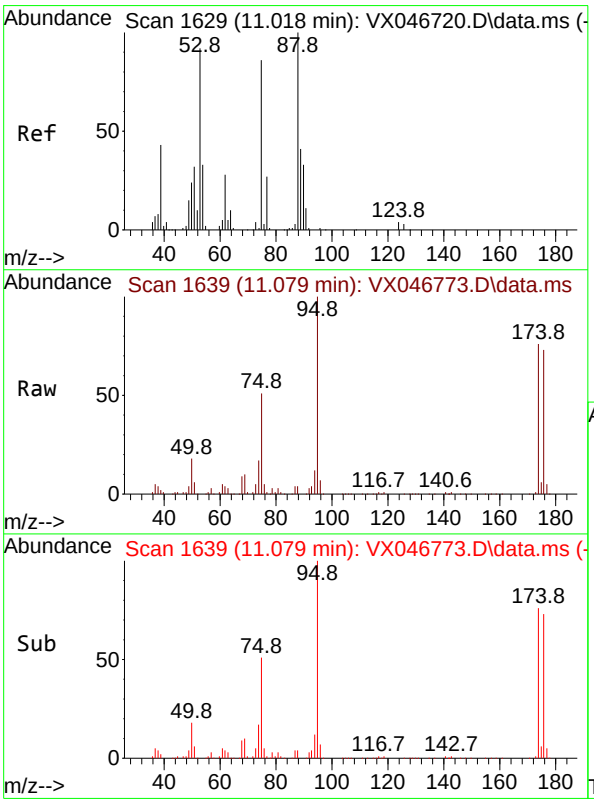
#76
1,2,3-Trichloropropane
Concen: 27.577 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
GAV1W

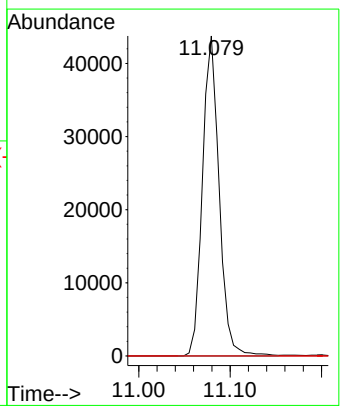
Tgt Ion: 75 Resp: 55301

Ion	Ratio	Lower	Upper
75	100		
77	1.1	18.5	55.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.949 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046773.D
Acq: 19 Jun 2025 16:27

Tgt Ion: 75 Resp: 55301

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.8	130.2#
89	0.0	36.9	55.3#