Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048761.D
Acq On : 08 Dec 2025 17:21
Operator : JC/MD
Sample : Q3788-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Quant Time: Dec 09 04:13:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	158795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	333603	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	259658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	136681	64.130	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 128.260%#			
35) Dibromofluoromethane	5.373	113	85386	37.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 74.340%#			
50) Toluene-d8	8.634	98	360181	44.734	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 89.460%#			
62) 4-Bromofluorobenzene	11.061	95	108254	38.990	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 77.980%#			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	1288	0.631	ug/l #	87
11) Tert butyl alcohol	2.934	59	481	1.398	ug/l #	73
13) Acrolein	2.233	56	84	40.390	ug/l #	1
16) Acetone	2.373	43	54679	67.016	ug/l	99
17) Carbon Disulfide	2.514	76	2722	0.508	ug/l #	87
18) Methyl Acetate	2.709	43	623	0.271	ug/l #	58
20) Methylene Chloride	2.794	84	938	0.460	ug/l #	94
22) Diisopropyl ether	3.568	45	1438	0.249	ug/l #	1
24) 1,1-Dichloroethane	3.617	63	785	0.243	ug/l #	78
25) 2-Butanone	4.556	43	10193	8.464	ug/l #	86
29) Tetrahydrofuran	5.007	42	209	0.227	ug/l #	30
31) Cyclohexane	5.544	56	3329	1.156	ug/l #	23
36) 1,1-Dichloropropene	5.537	75	12926	4.109	ug/l #	49
38) Carbon Tetrachloride	5.544	117	17163	4.816	ug/l #	13
51) 4-Methyl-2-Pentanone	8.567	43	1300	0.368	ug/l	93
52) Toluene	8.702	92	18766	3.337	ug/l	98
59) 2-Hexanone	9.421	43	1437	0.579	ug/l #	58
74) N-amyl acetate	10.841	43	1018	0.268	ug/l #	39
76) 1,2,3-Trichloropropane	11.061	75	59206	24.510	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	59206	58.220	ug/l #	3
95) Naphthalene	13.768	128	55	Below Cal	#	69

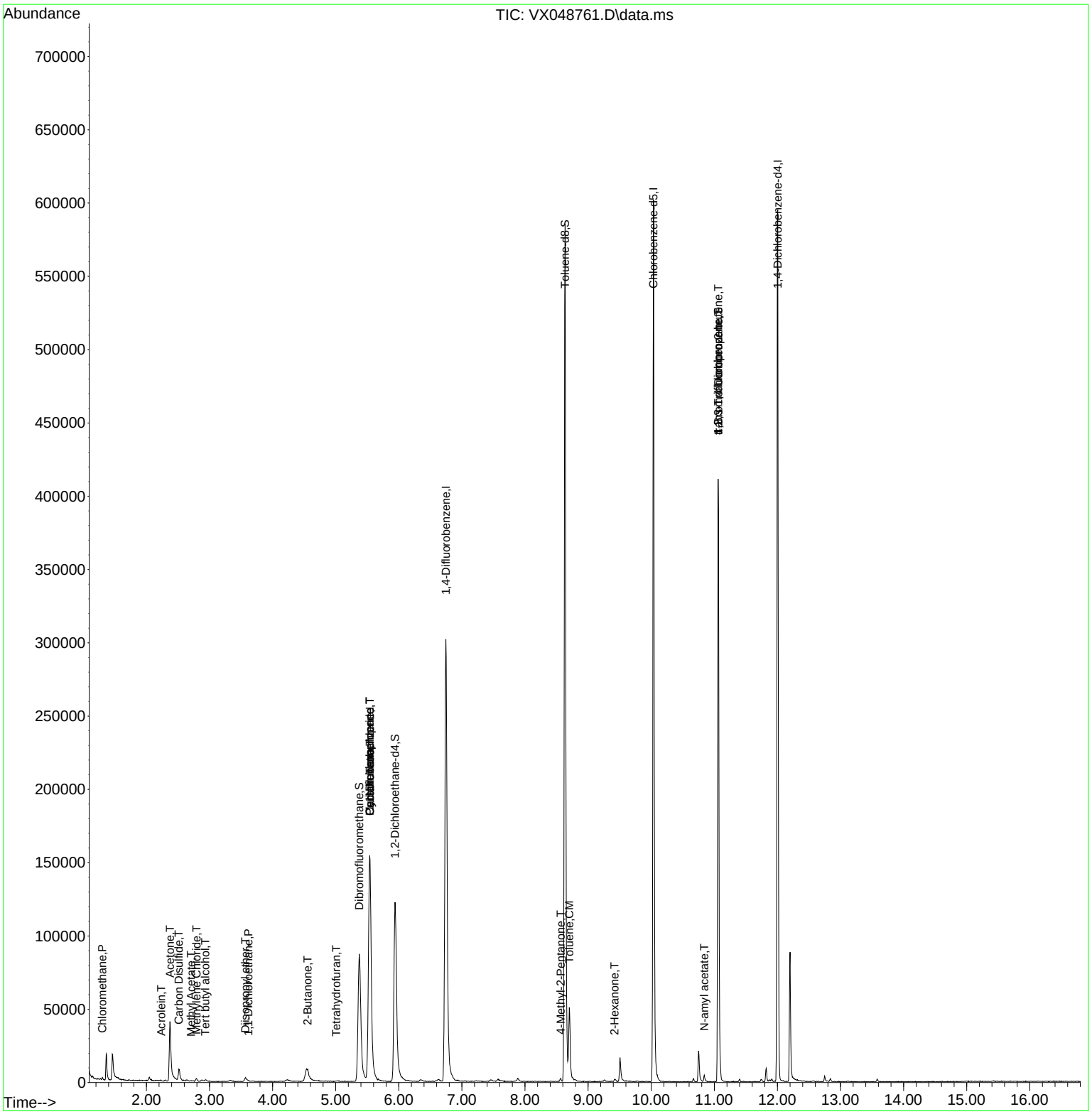
(#) = qualifier out of range (m) = manual integration (+) = signals summed

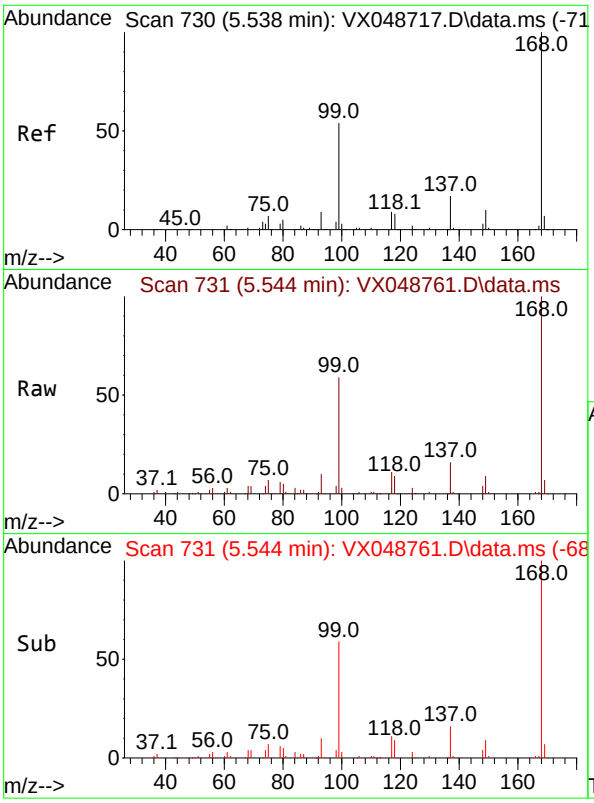
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048761.D
Acq On : 08 Dec 2025 17:21
Operator : JC/MD
Sample : Q3788-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Quant Time: Dec 09 04:13:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration



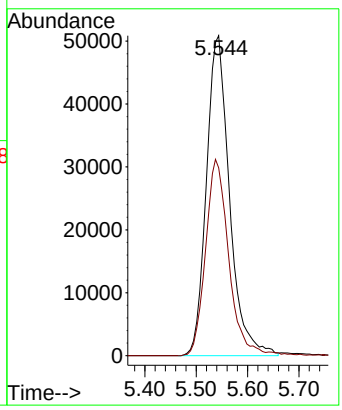


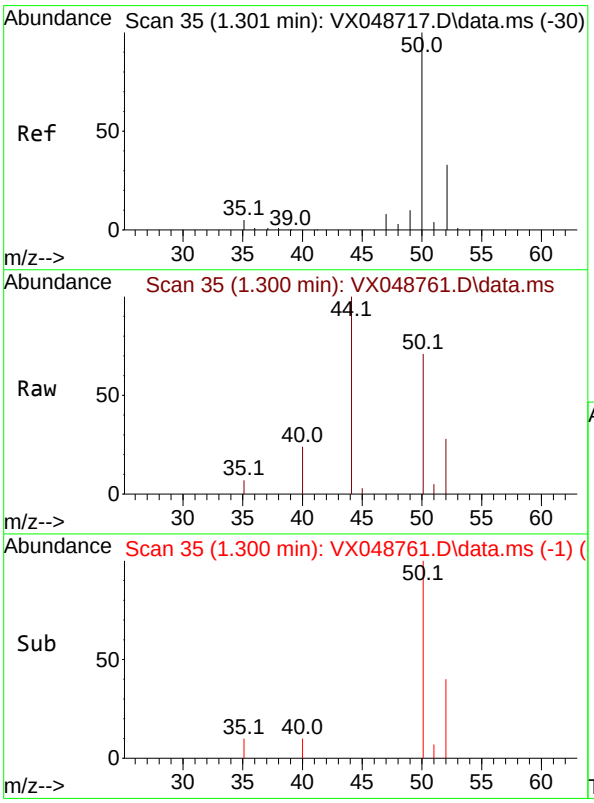
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion:168 Resp: 158795

Ion	Ratio	Lower	Upper
168	100		
99	58.7	44.2	66.4

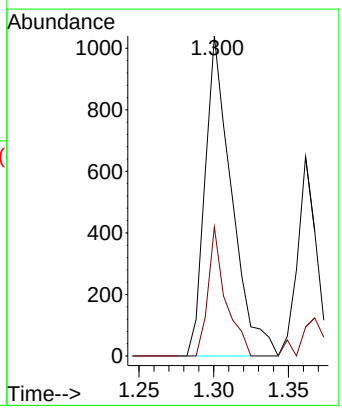


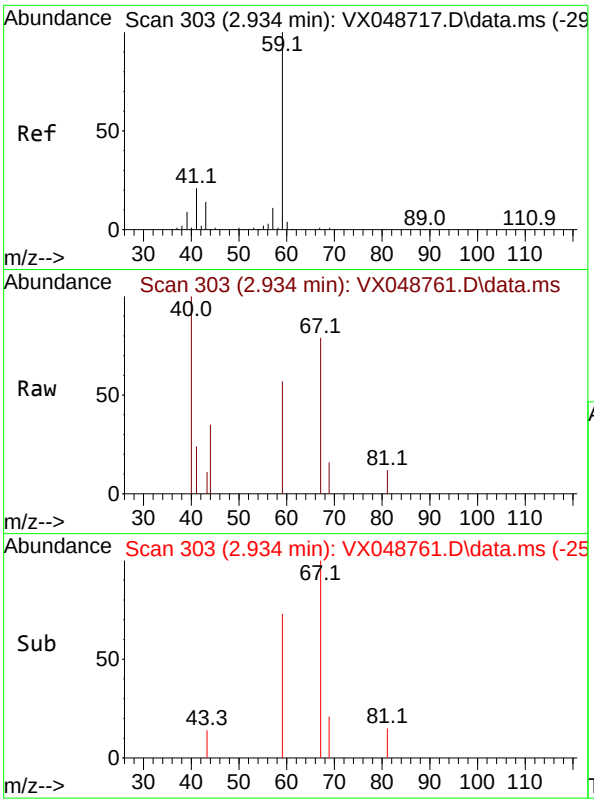


#3
Chloromethane
Concen: 0.631 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 50 Resp: 1288

Ion	Ratio	Lower	Upper
50	100		
52	40.3	26.4	39.6#



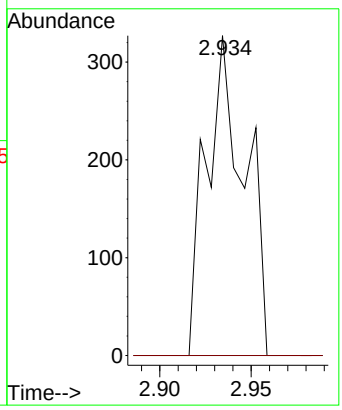


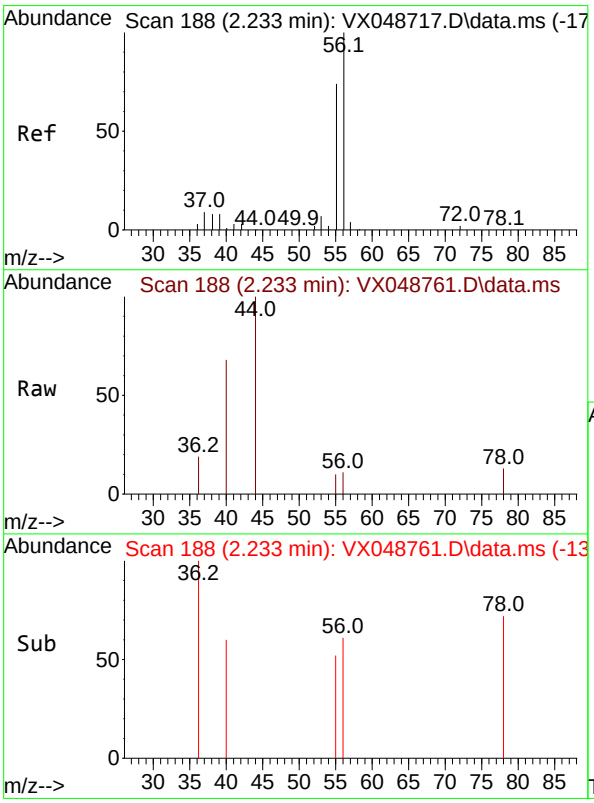
#11
Tert butyl alcohol
Concen: 1.398 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion: 59 Resp: 481

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#

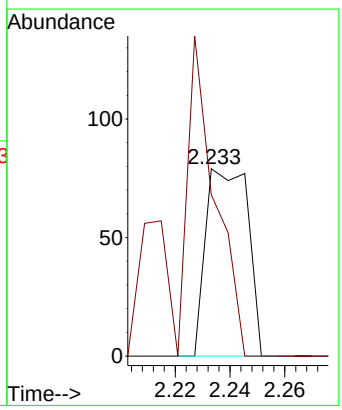


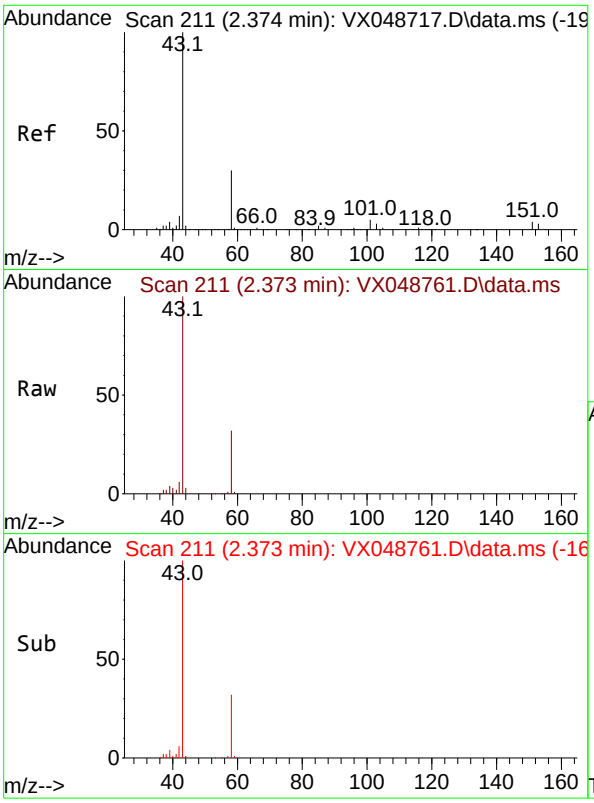


#13
Acrolein
Concen: 40.390 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 56 Resp: 84

Ion	Ratio	Lower	Upper
56	100		
55	160.7	55.8	83.6#



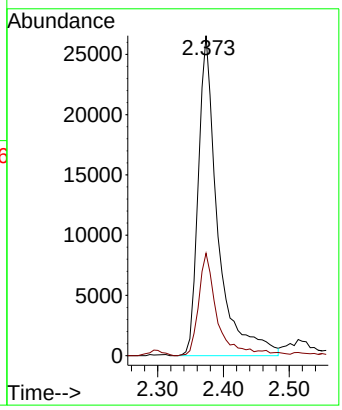


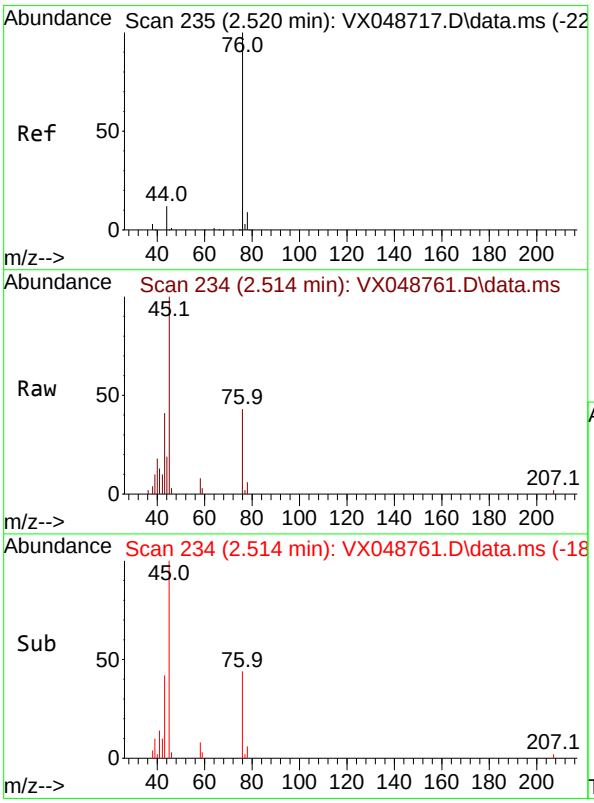
#16
Acetone
Concen: 67.016 ug/l
RT: 2.373 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion: 43 Resp: 54679

Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.0	37.4

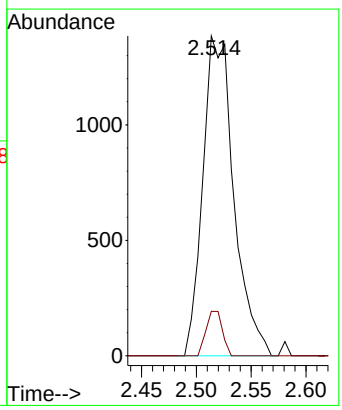


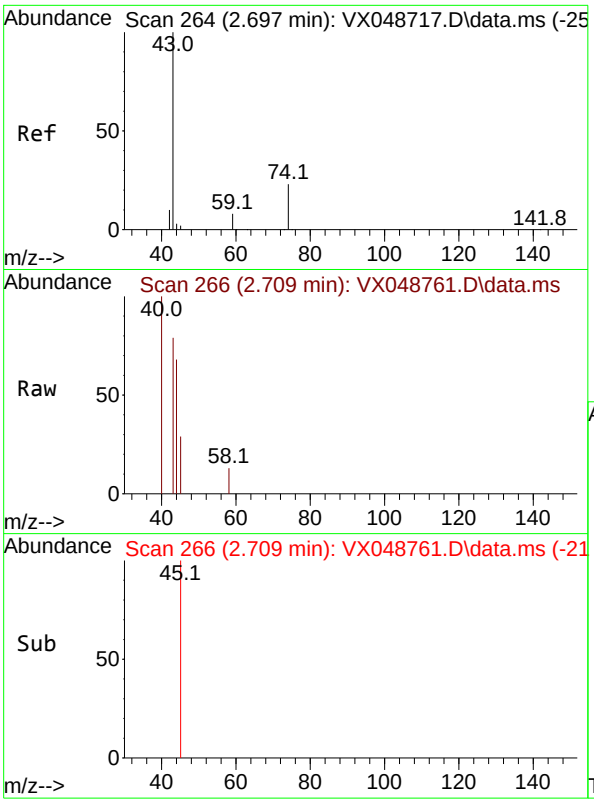


#17
Carbon Disulfide
Concen: 0.508 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 76 Resp: 2722

Ion	Ratio	Lower	Upper
76	100		
78	13.9	7.4	11.2#



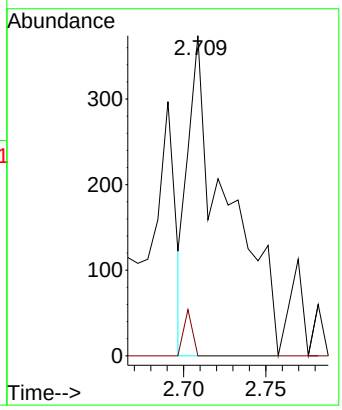


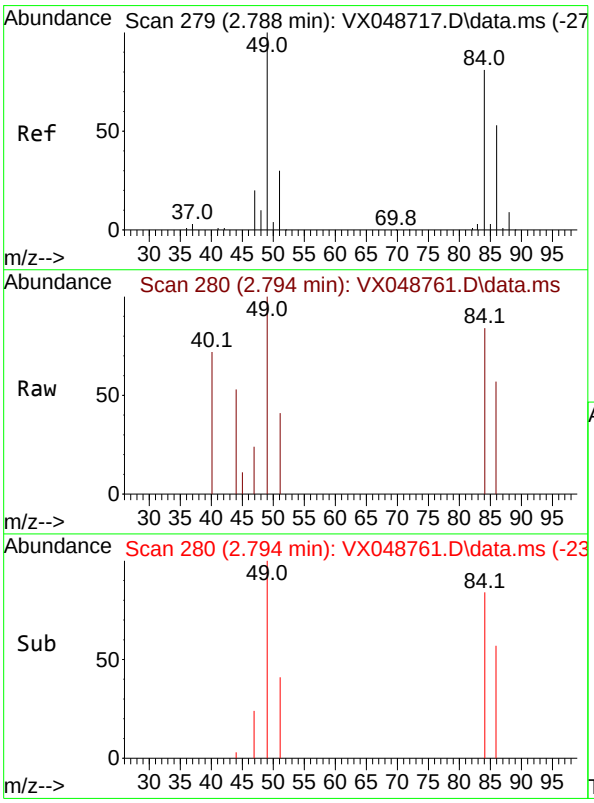
#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.012 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion: 43 Resp: 623

Ion	Ratio	Lower	Upper
43	100		
74	3.2	19.2	28.8#

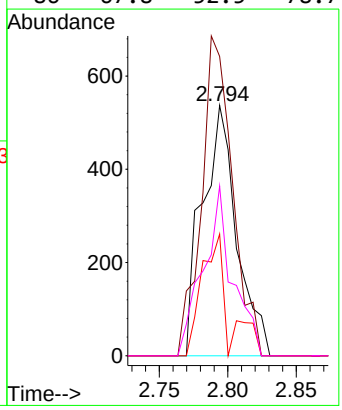


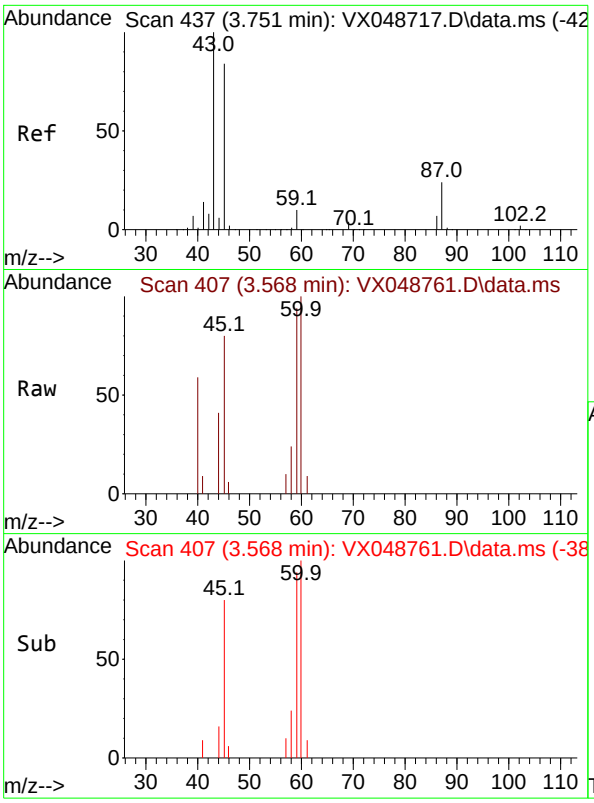


#20
Methylene Chloride
Concen: 0.460 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 84 Resp: 938

Ion	Ratio	Lower	Upper
84	100		
49	119.6	98.7	148.1
51	48.6	29.4	44.2#
86	67.8	52.5	78.7



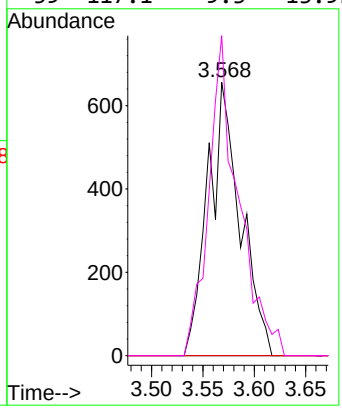


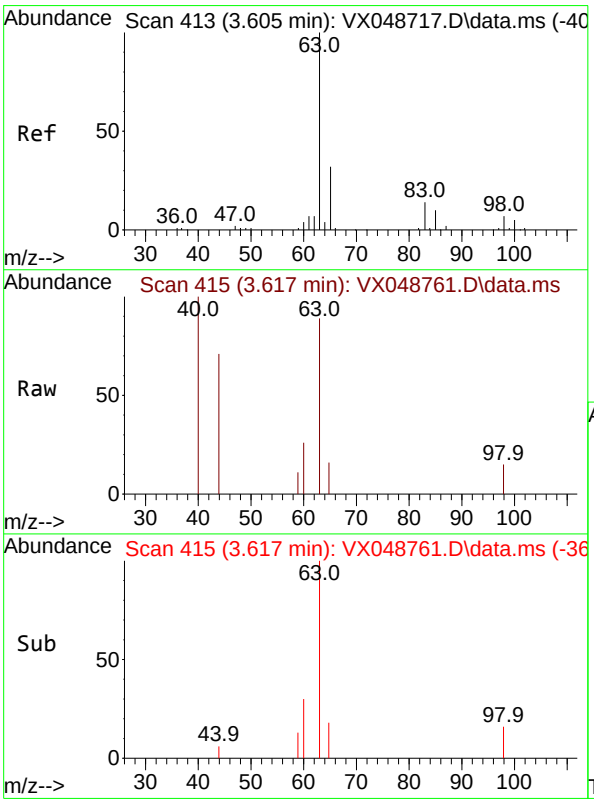
#22
Diisopropyl ether
Concen: 0.249 ug/l
RT: 3.568 min Scan# 4(
Delta R.T. -0.183 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion: 45 Resp: 1438

Ion	Ratio	Lower	Upper
45	100		
43	0.0	94.9	142.3#
87	0.0	23.2	34.8#
59	117.1	9.3	13.9#

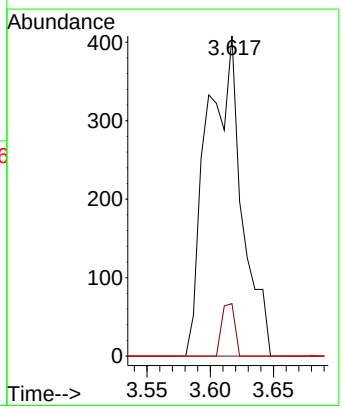


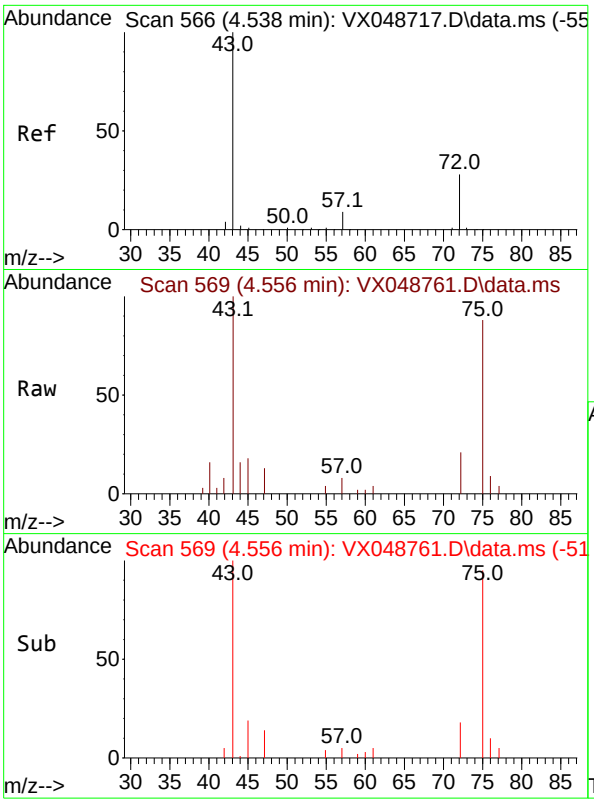


#24
1,1-Dichloroethane
Concen: 0.243 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.012 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 63 Resp: 785

Ion	Ratio	Lower	Upper
63	100		
98	16.4	3.5	10.6#
100	0.0	2.5	7.4#



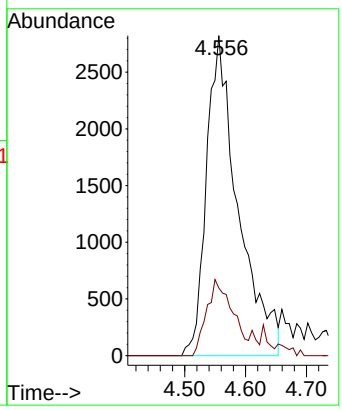


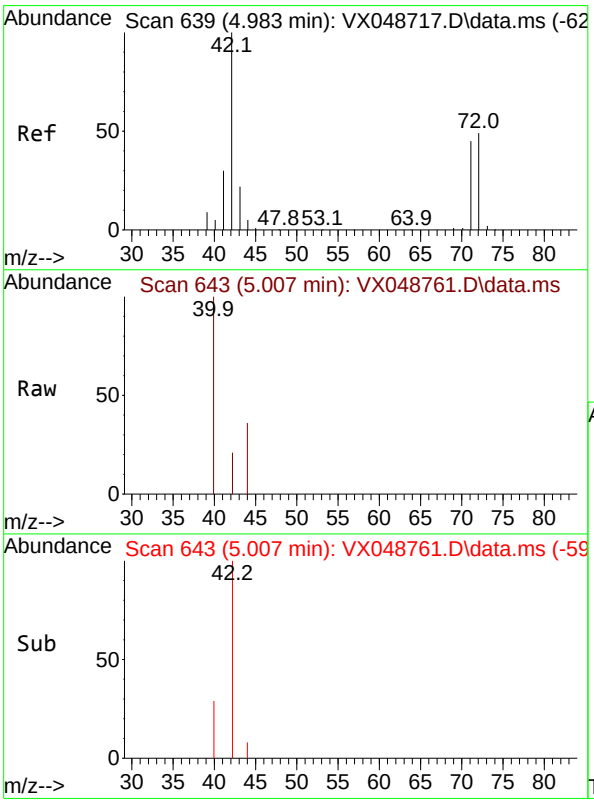
#25
2-Butanone
Concen: 8.464 ug/l
RT: 4.556 min Scan# 5
Delta R.T. 0.018 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion: 43 Resp: 10193

Ion	Ratio	Lower	Upper
43	100		
72	21.1	22.6	34.0#

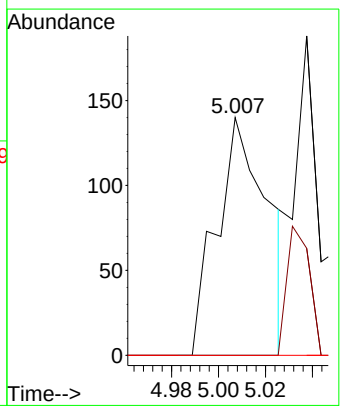


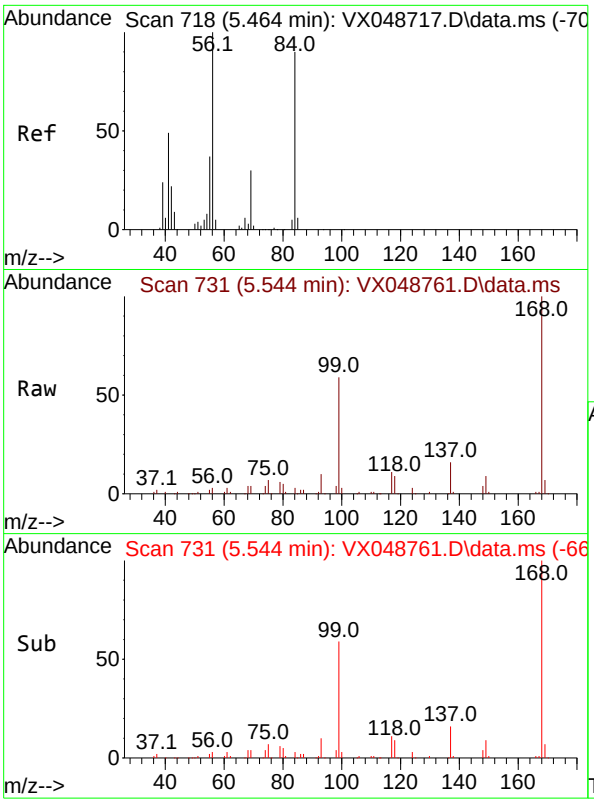


#29
Tetrahydrofuran
Concen: 0.227 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.024 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 42 Resp: 209

Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.4	59.2#
71	0.0	35.8	53.6#



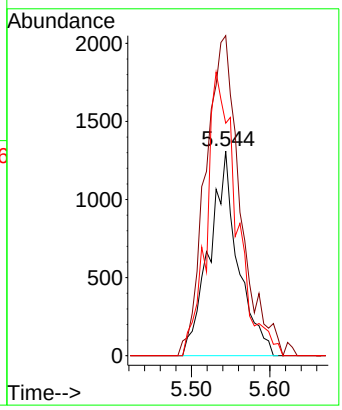


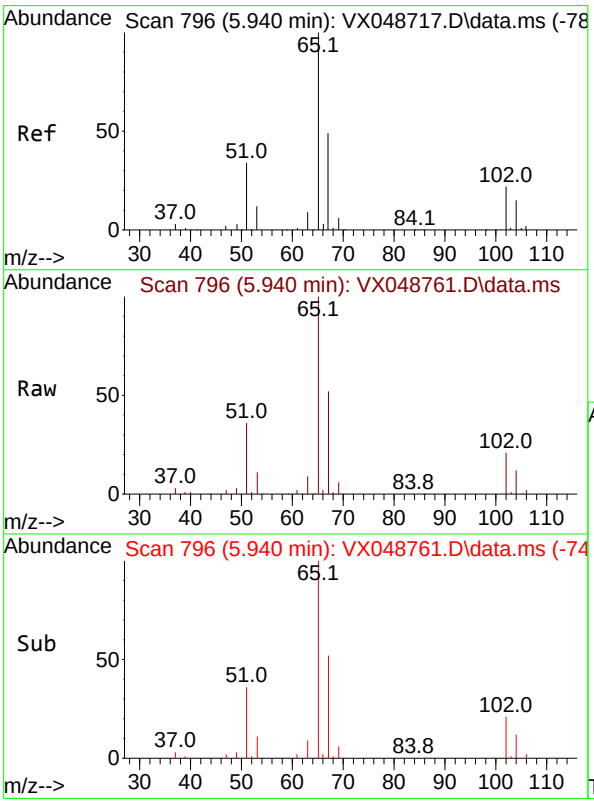
#31
Cyclohexane
Concen: 1.156 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.079 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion: 56 Resp: 3329

Ion	Ratio	Lower	Upper
56	100		
69	156.3	24.2	36.2#
84	113.6	72.1	108.1#

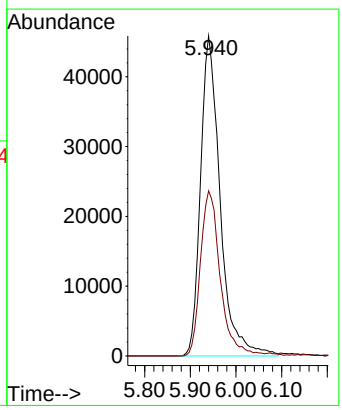


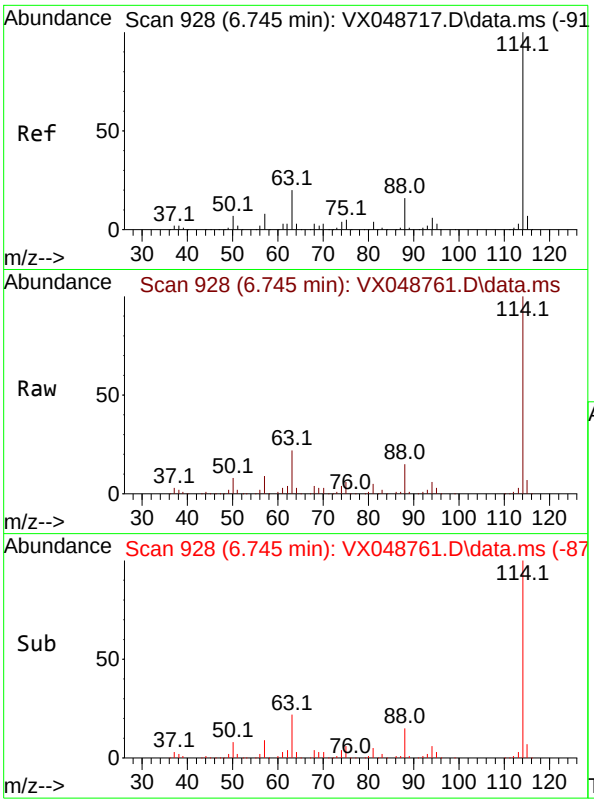


#33
1,2-Dichloroethane-d4
Concen: 64.130 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 65 Resp: 136681

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	107.4



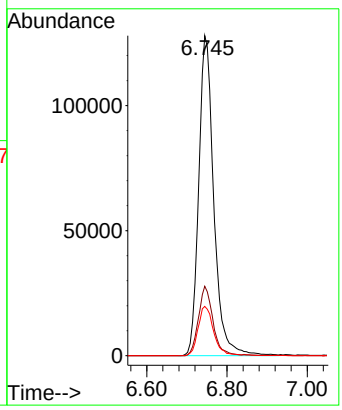


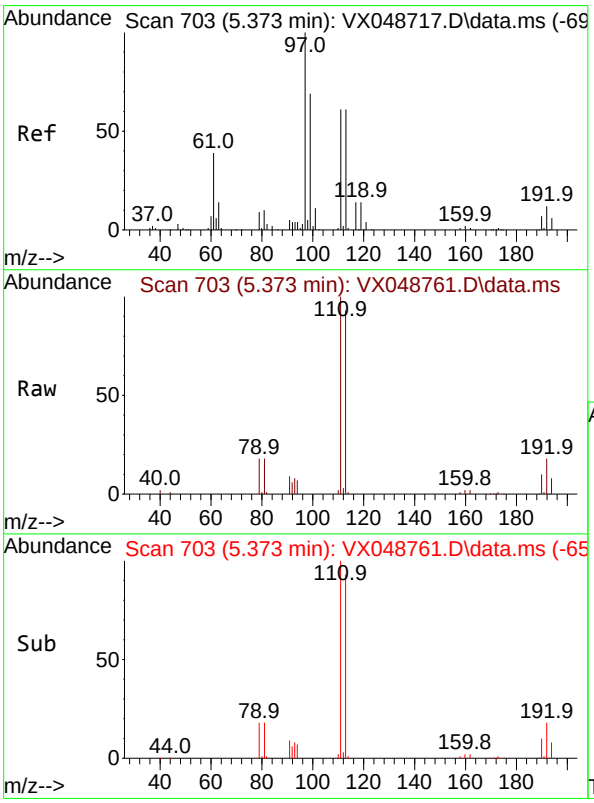
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion:114 Resp: 333603

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	39.0
88	15.4	0.0	31.8

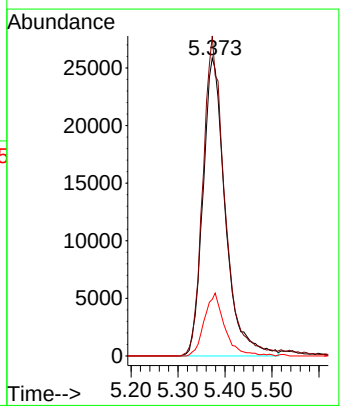


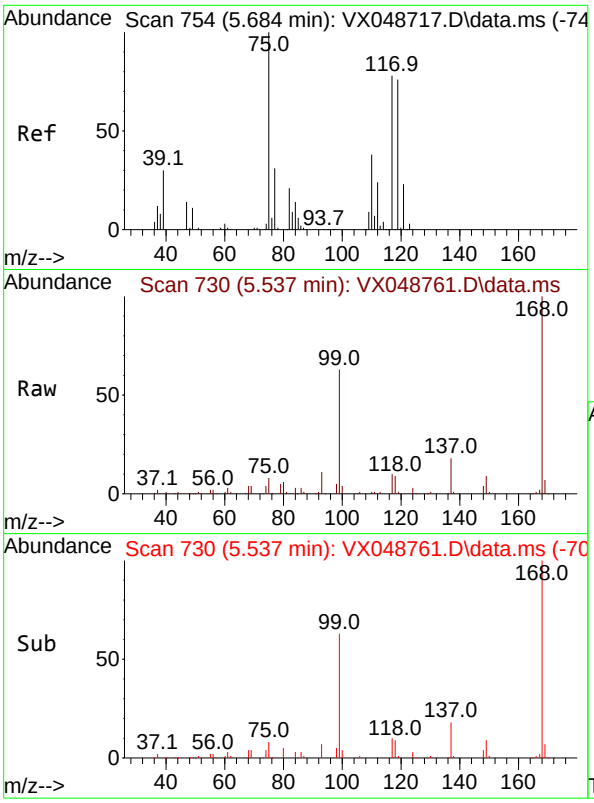


#35
Dibromofluoromethane
Concen: 37.173 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion:113 Resp: 85386

Ion	Ratio	Lower	Upper
113	100		
111	104.5	79.5	119.3
192	19.2	16.1	24.1



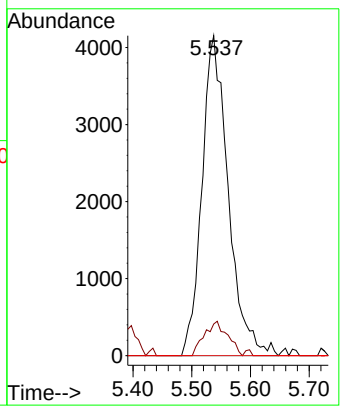


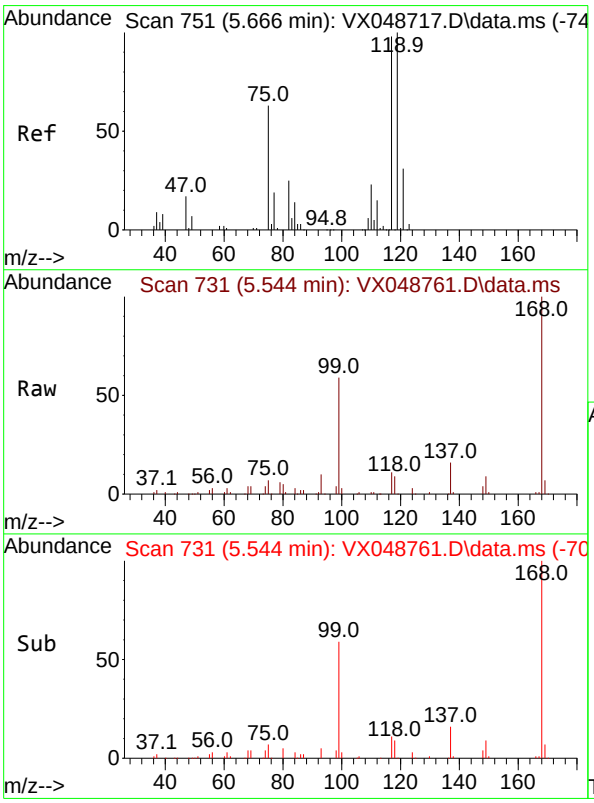
#36
1,1-Dichloropropene
Concen: 4.109 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.146 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion: 75 Resp: 12926

Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.6	55.8#
77	0.0	25.3	37.9#

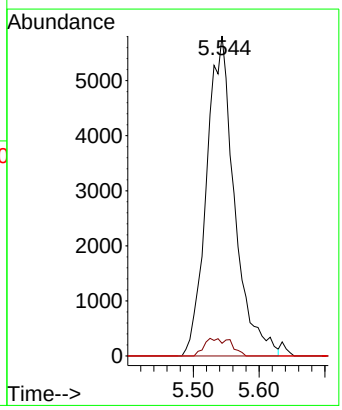


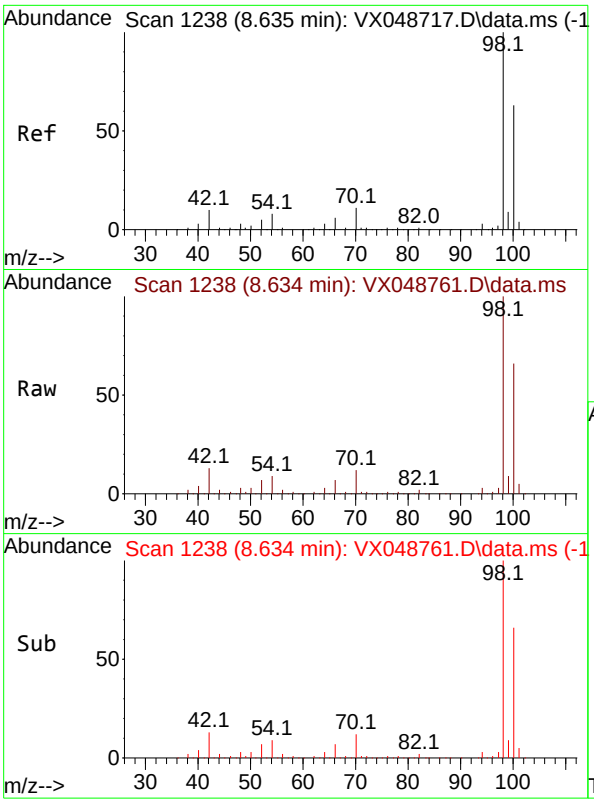


#38
Carbon Tetrachloride
Concen: 4.816 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion:117 Resp: 17163

Ion	Ratio	Lower	Upper
117	100		
119	4.0	80.5	120.7#
121	0.0	25.4	38.0#



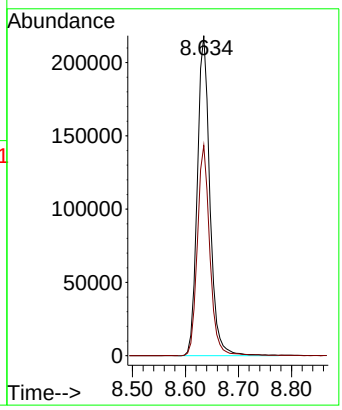


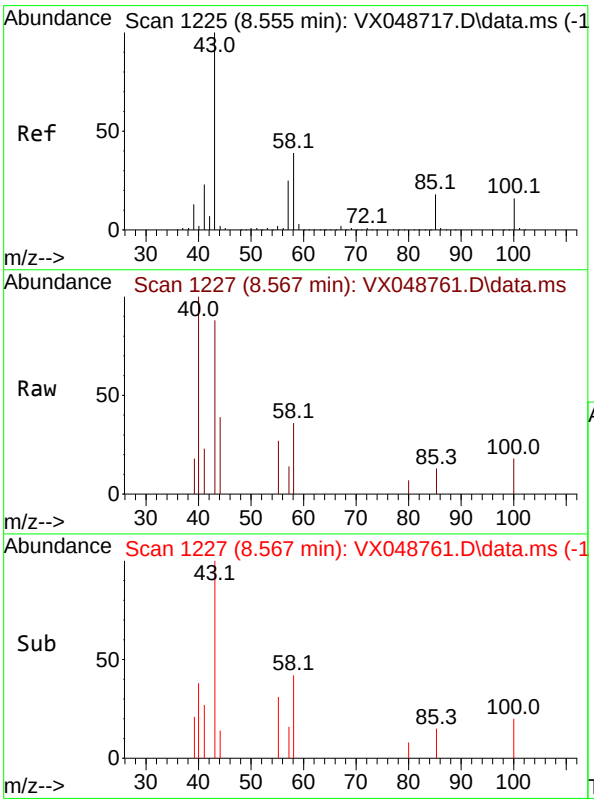
#50
Toluene-d8
Concen: 44.734 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion: 98 Resp: 360181

Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.4	80.0

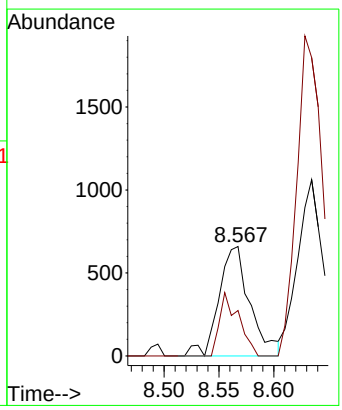


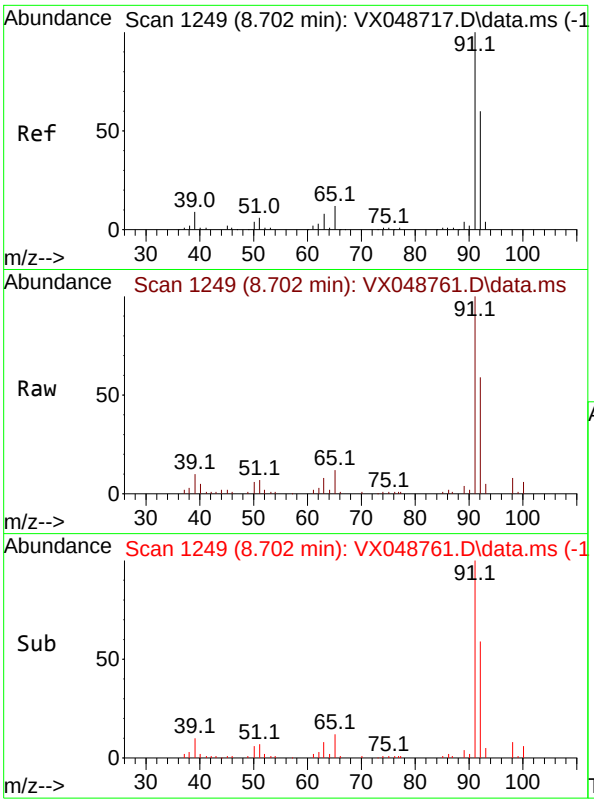


#51
4-Methyl-2-Pentanone
Concen: 0.368 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 43 Resp: 1300

Ion	Ratio	Lower	Upper
43	100		
58	35.8	32.2	48.4



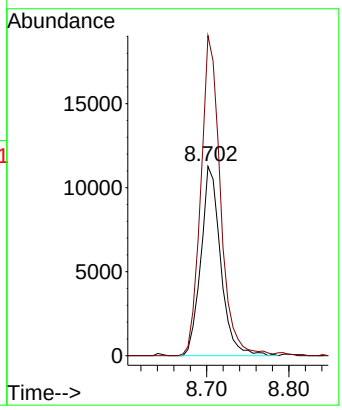


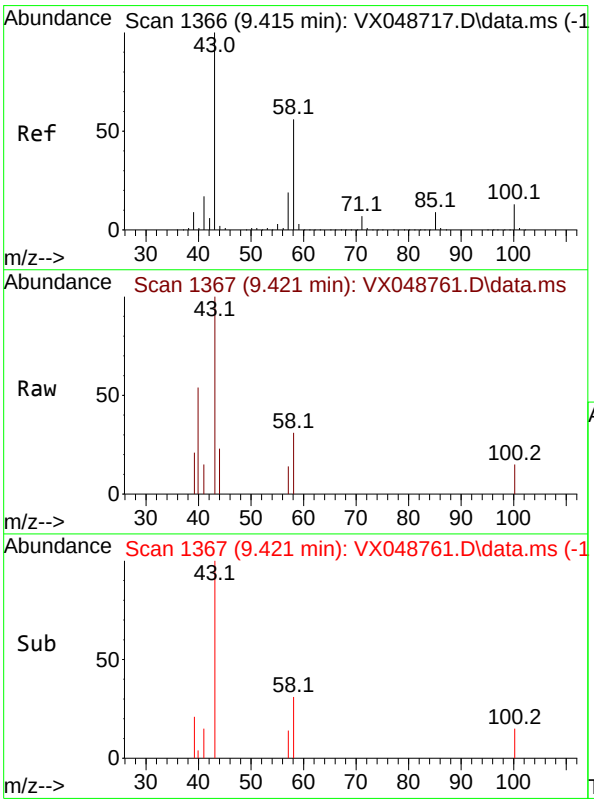
#52
Toluene
Concen: 3.337 ug/l
RT: 8.702 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion: 92 Resp: 18766

Ion	Ratio	Lower	Upper
92	100		
91	168.2	136.3	204.5

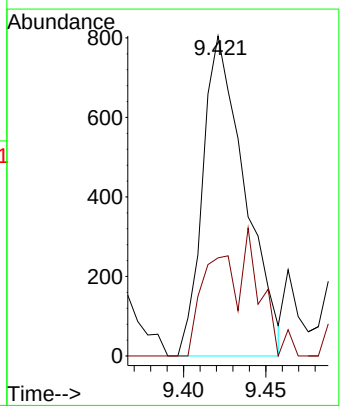


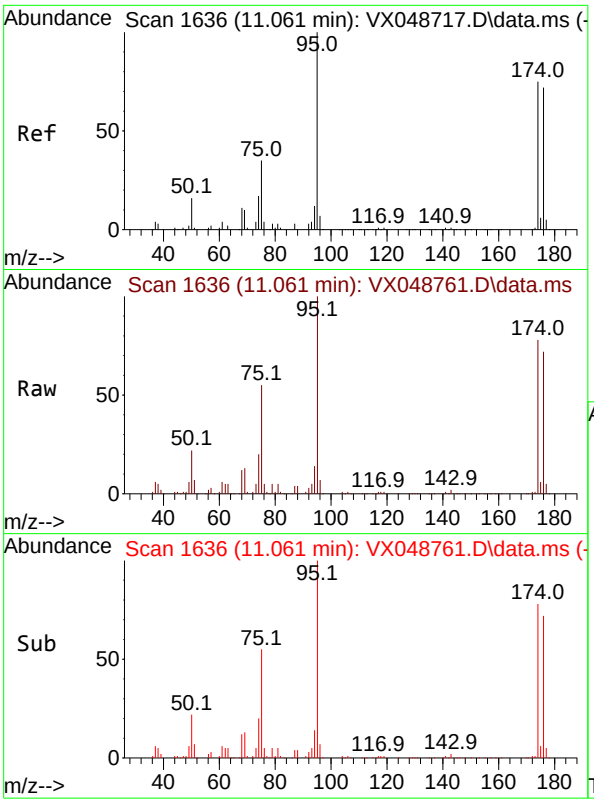


#59
2-Hexanone
Concen: 0.579 ug/l
RT: 9.421 min Scan# 1367
Delta R.T. 0.006 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 43 Resp: 1437

Ion	Ratio	Lower	Upper
43	100		
58	25.3	27.8	83.4#



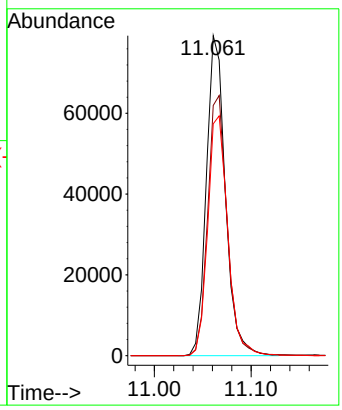


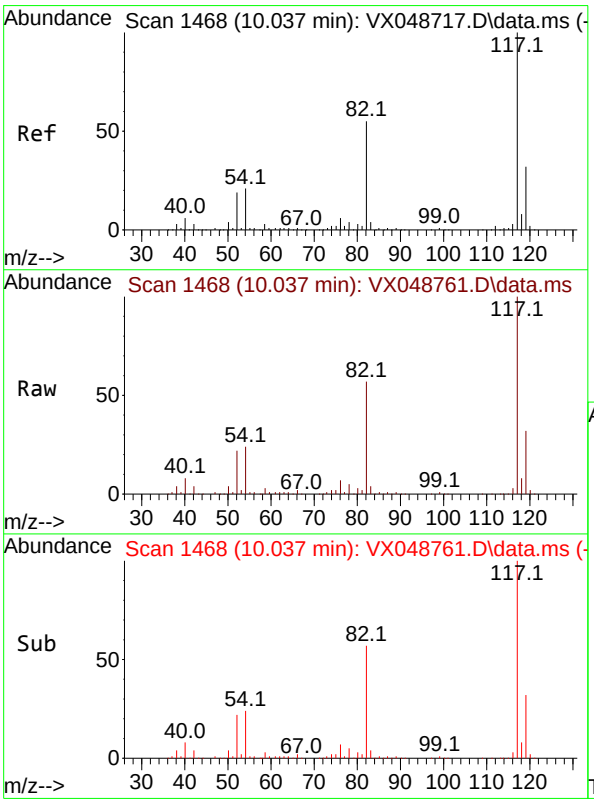
#62
4-Bromofluorobenzene
Concen: 38.990 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion: 95 Resp: 108254

Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	157.8
176	79.1	0.0	154.0

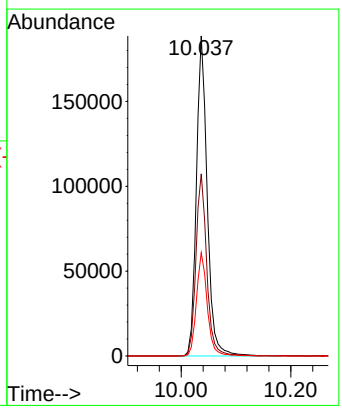


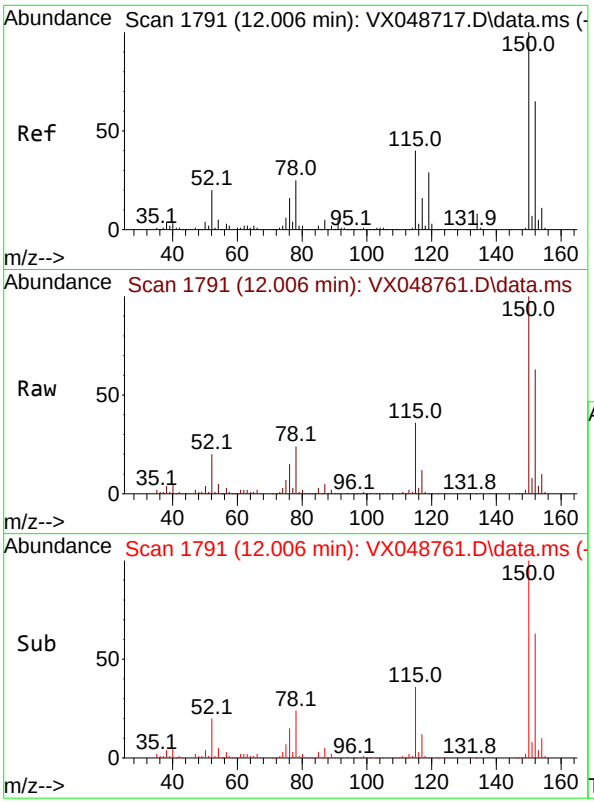


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion:117 Resp: 259658

Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.1	66.1
119	32.2	25.2	37.8



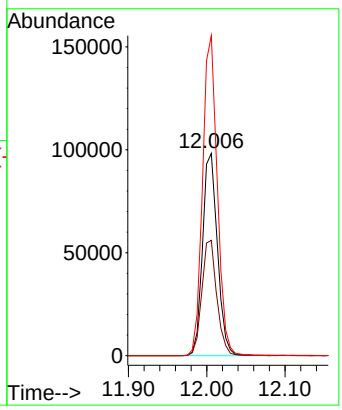


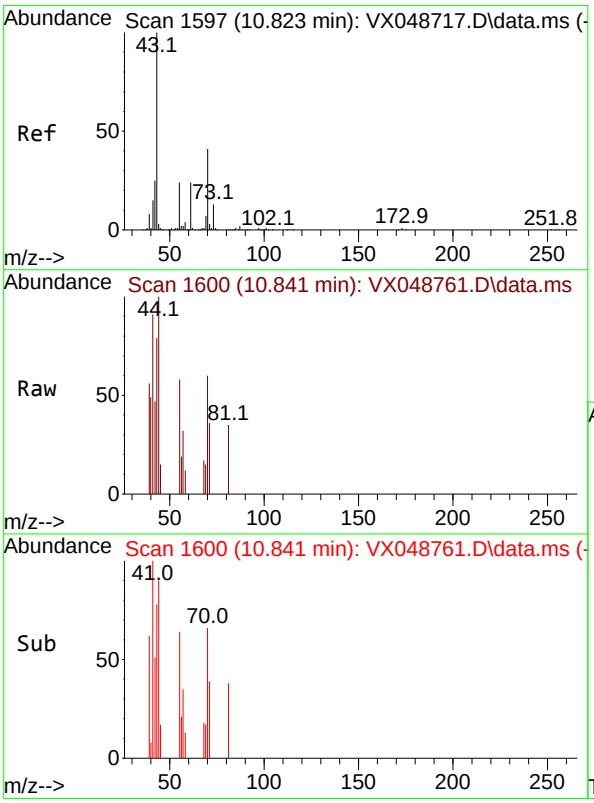
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion:152 Resp: 129696

Ion	Ratio	Lower	Upper
152	100		
115	57.5	42.1	126.4
150	156.2	0.0	347.8

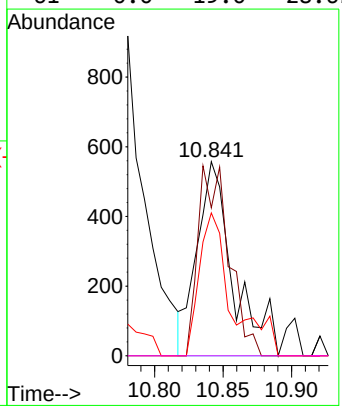


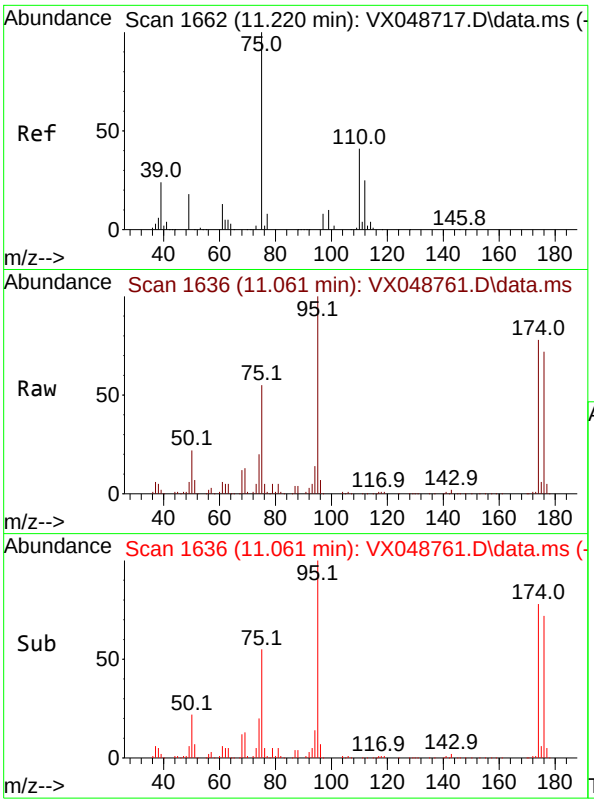


#74
N-amyl acetate
Concen: 0.268 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.018 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 43 Resp: 1018

Ion	Ratio	Lower	Upper
43	100		
70	84.1	33.9	50.9#
55	55.9	19.1	28.7#
61	0.0	19.0	28.6#



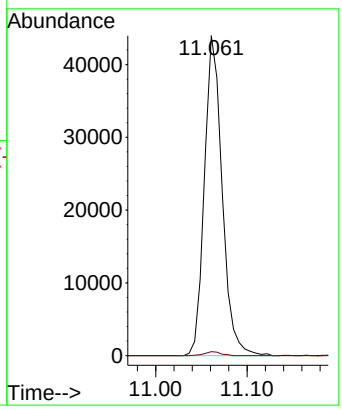


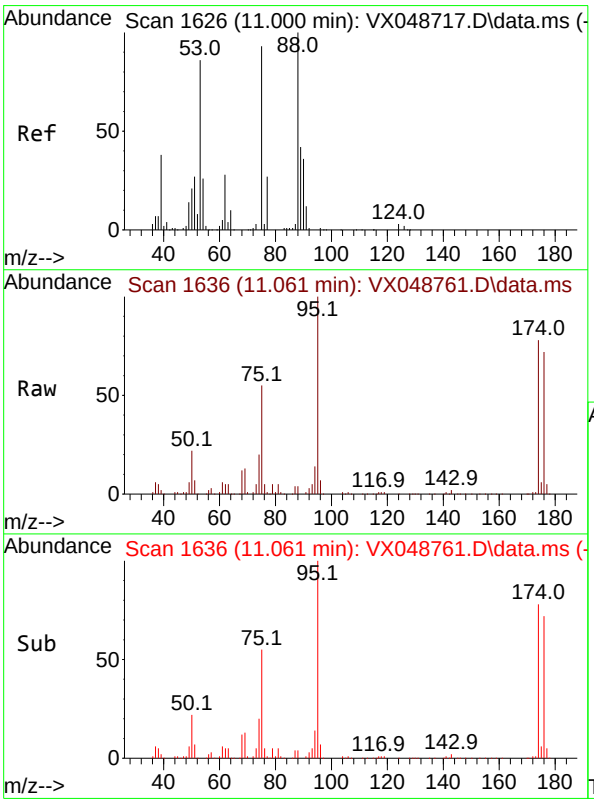
#76
1,2,3-Trichloropropane
Concen: 24.510 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion: 75 Resp: 59206

Ion	Ratio	Lower	Upper
75	100		
77	1.2	24.3	73.0#

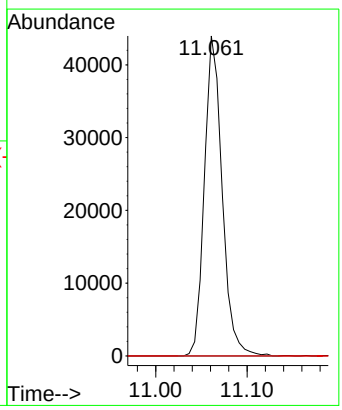


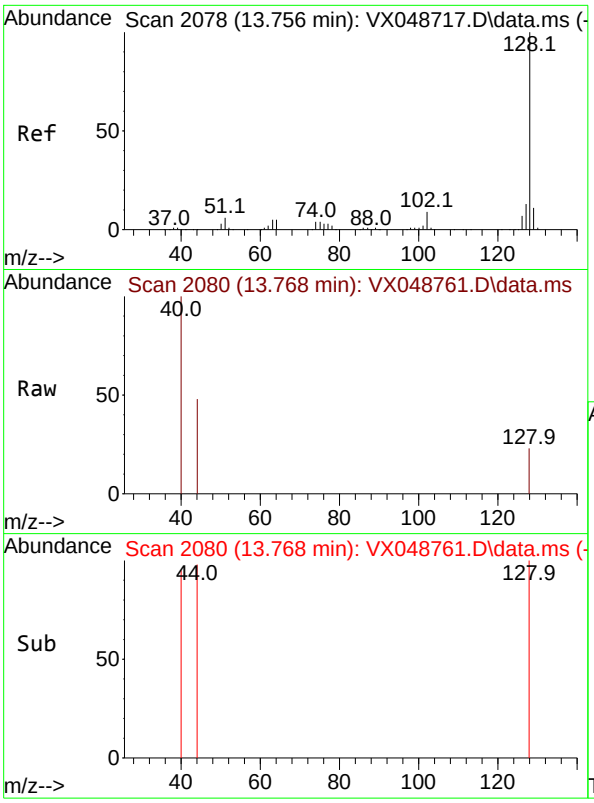


#81
trans-1,4-Dichloro-2-butene
Concen: 58.220 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 75 Resp: 59206

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.9	119.9#
89	0.0	67.1	100.7#





#95
Naphthalene
Concen: Below Cal
RT: 13.768 min Scan# 2
Delta R.T. 0.012 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion:128 Resp: 55

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	13.0#