Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048083.D
Acq On : 09 Oct 2025 14:00
Operator : JC/MD
Sample : Q3311-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1D

Quant Time: Oct 10 01:24:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.544	168	125884	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.751	114	264953	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.037	117	275267	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142615	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.940	65	110914	55.353	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.700%				
35) Dibromofluoromethane	5.373	113	88996	50.084	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.160%				
50) Toluene-d8	8.635	98	302025	49.122	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.240%				
62) 4-Bromofluorobenzene	11.061	95	134616	57.689	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.380%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.386	62	1023	0.610	ug/l		94
5) Bromomethane	1.636	94	335	0.315	ug/l		98
10) Methyl Iodide	2.477	142	775	0.341	ug/l	#	83
11) Tert butyl alcohol	2.941	59	137	0.614	ug/l	#	72
13) Acrolein	2.239	56	290	1.410	ug/l		92
16) Acetone	2.380	43	9921	11.387	ug/l		96
17) Carbon Disulfide	2.526	76	2528	0.617	ug/l	#	84
18) Methyl Acetate	2.703	43	548	0.283	ug/l	#	64
25) 2-Butanone	4.568	43	4499	4.140	ug/l	#	87
27) cis-1,2-Dichloroethene	4.489	96	4775	2.421	ug/l		85
31) Cyclohexane	5.532	56	3173	1.198	ug/l	#	31
36) 1,1-Dichloropropene	5.538	75	10792	4.156	ug/l	#	51
38) Carbon Tetrachloride	5.538	117	13788	4.887	ug/l	#	18
44) Trichloroethene	7.117	130	3216	1.687	ug/l		86
48) Methyl methacrylate	7.568	41	5573	2.454	ug/l	#	48
52) Toluene	8.708	92	1225	0.252	ug/l		89
55) 1,1,2-Trichloroethane	9.263	97	5289	2.823	ug/l	#	1
59) 2-Hexanone	9.433	43	564	0.311	ug/l		87
60) Dibromochloromethane	9.256	129	562686	260.662	ug/l	#	11
64) Tetrachloroethene	9.263	164	559434	311.758	ug/l		98
74) N-amyl acetate	10.842	43	1523	0.308	ug/l	#	1
76) 1,2,3-Trichloropropane	11.061	75	70785	24.514	ug/l	#	40
81) trans-1,4-Dichloro-2-b...	11.061	75	70785	62.515	ug/l	#	8
94) Hexachlorobutadiene	13.707	225	258	0.247	ug/l		92

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
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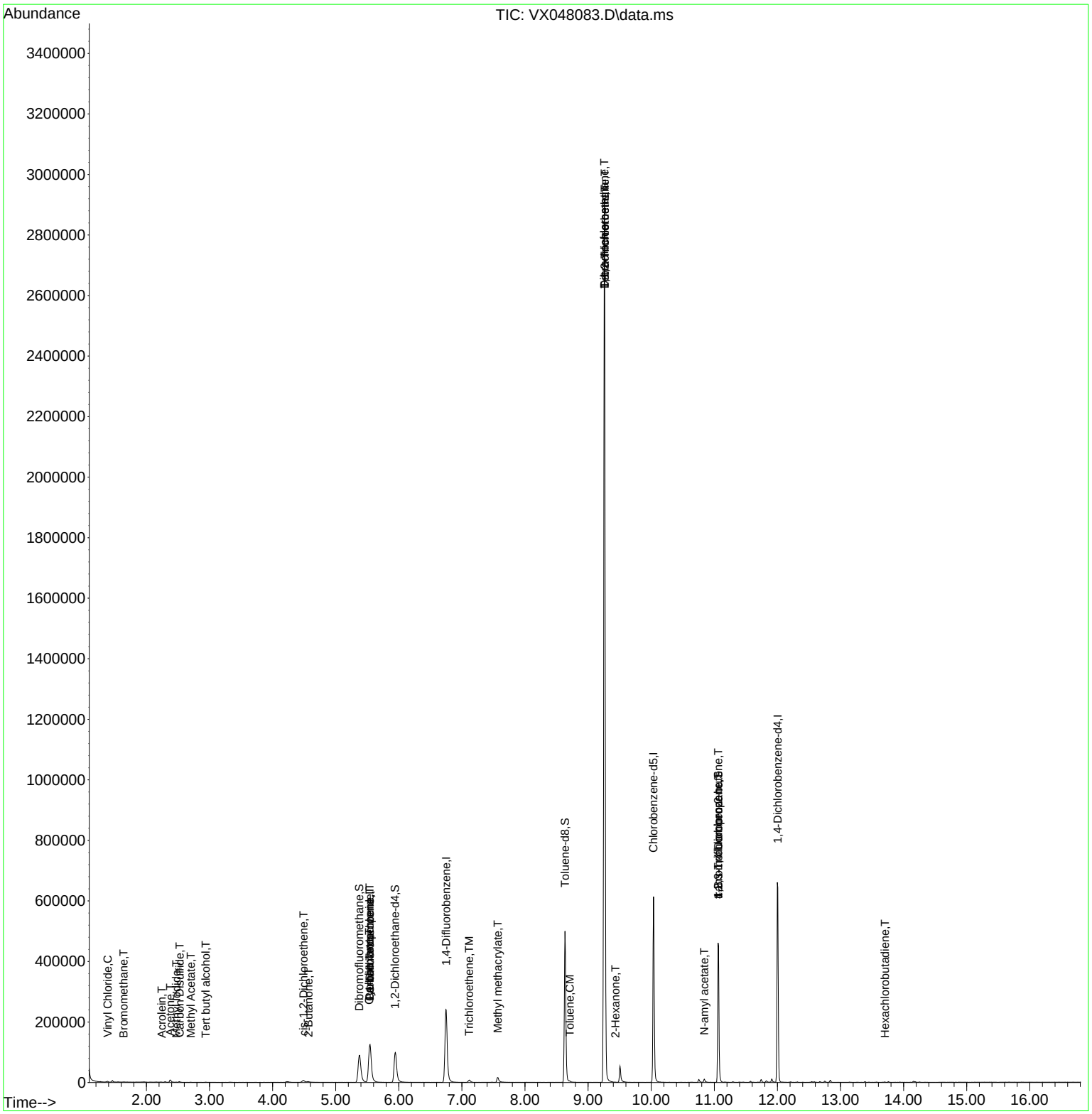
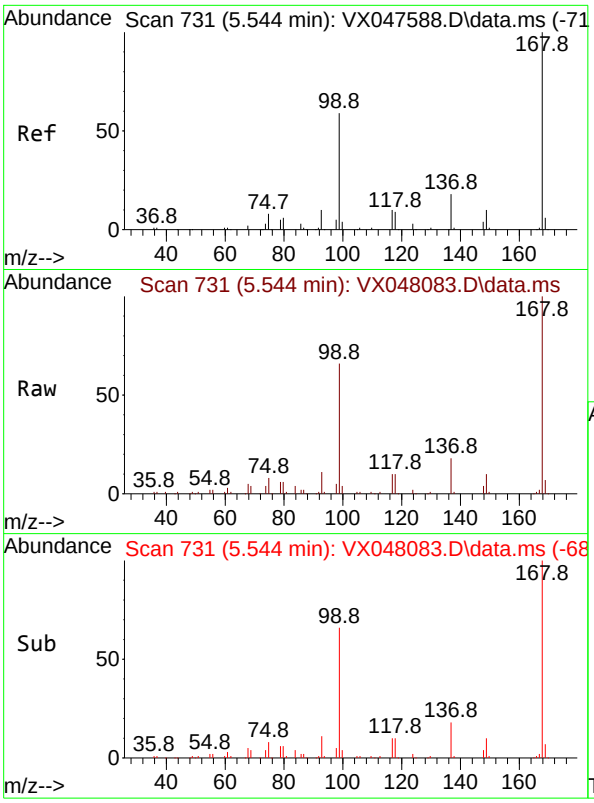
Sample : Q3311-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Quant Time: Oct 10 01:24:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



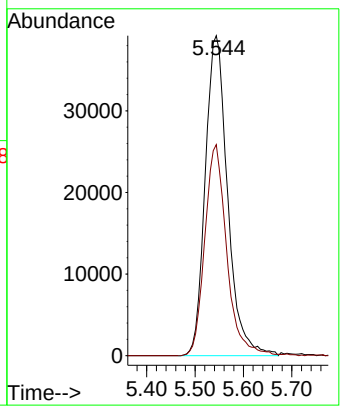


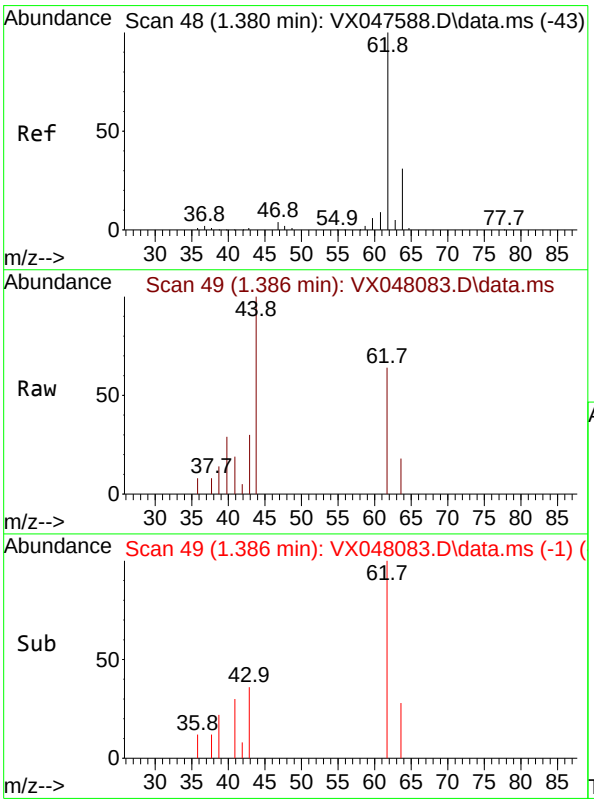
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion:168 Resp: 125884

Ion	Ratio	Lower	Upper
168	100		
99	66.0	48.8	73.2

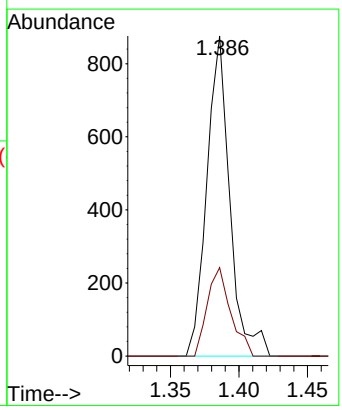


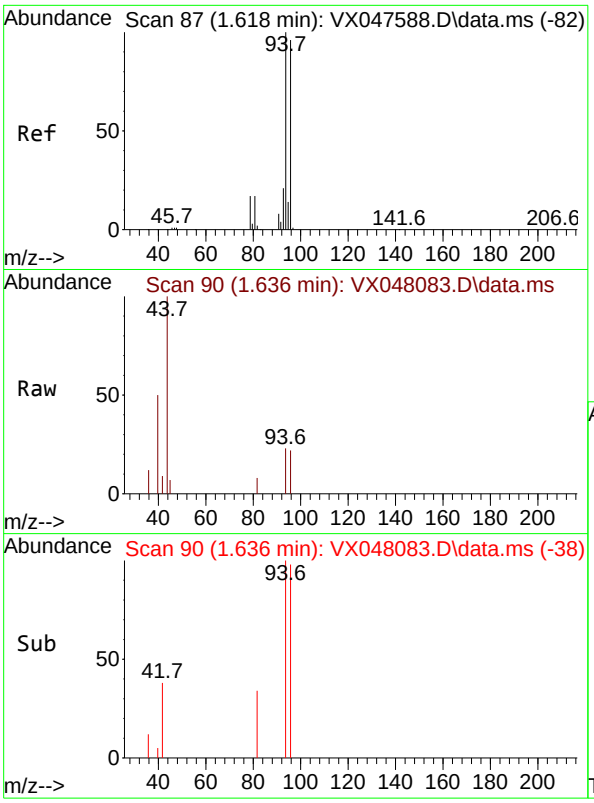


#4
Vinyl Chloride
Concen: 0.610 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion: 62 Resp: 1023

Ion	Ratio	Lower	Upper
62	100		
64	27.6	24.9	37.3



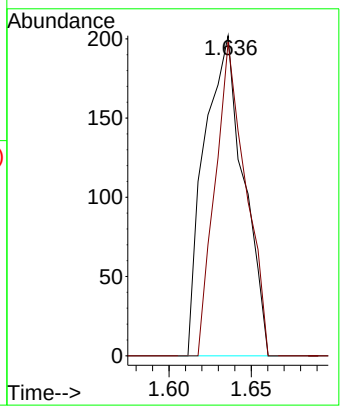


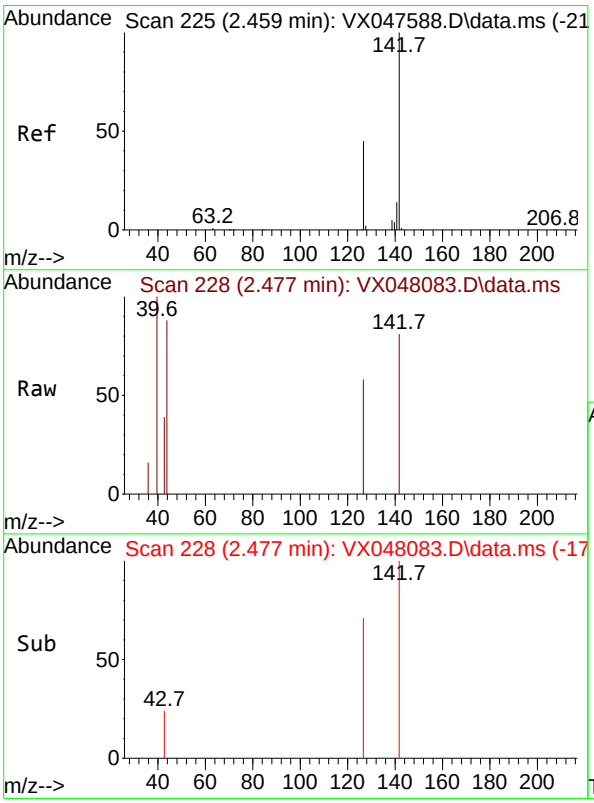
#5
Bromomethane
Concen: 0.315 ug/l
RT: 1.636 min Scan# 9
Delta R.T. 0.018 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion: 94 Resp: 335

Ion	Ratio	Lower	Upper
94	100		
96	98.0	76.6	115.0

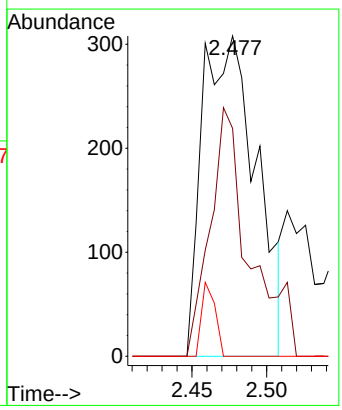


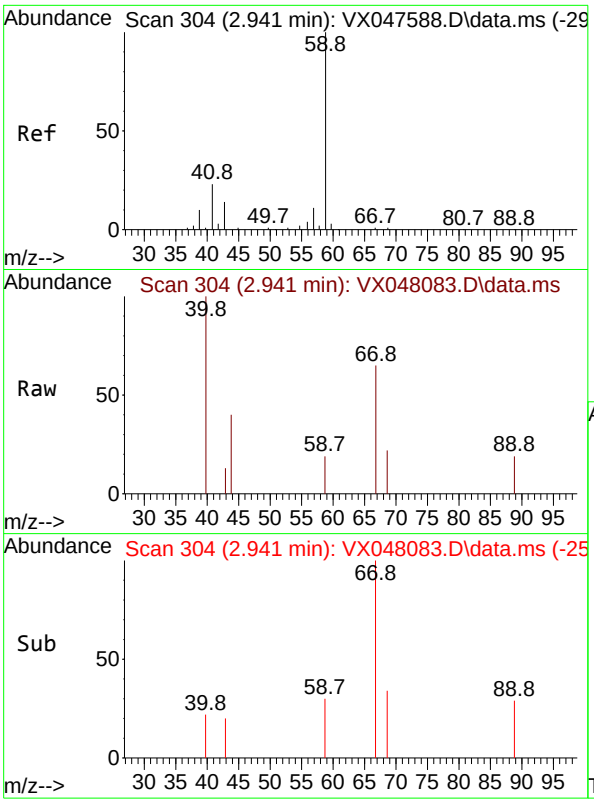


#10
Methyl Iodide
Concen: 0.341 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.018 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion:142 Resp: 775

Ion	Ratio	Lower	Upper
142	100		
127	56.6	37.2	55.8#
141	5.8	11.4	17.0#



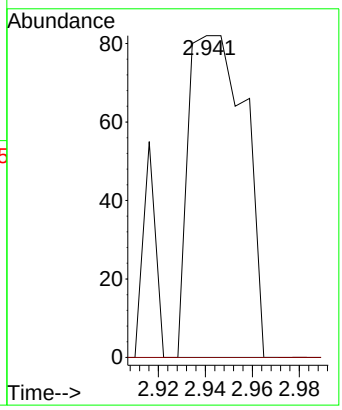


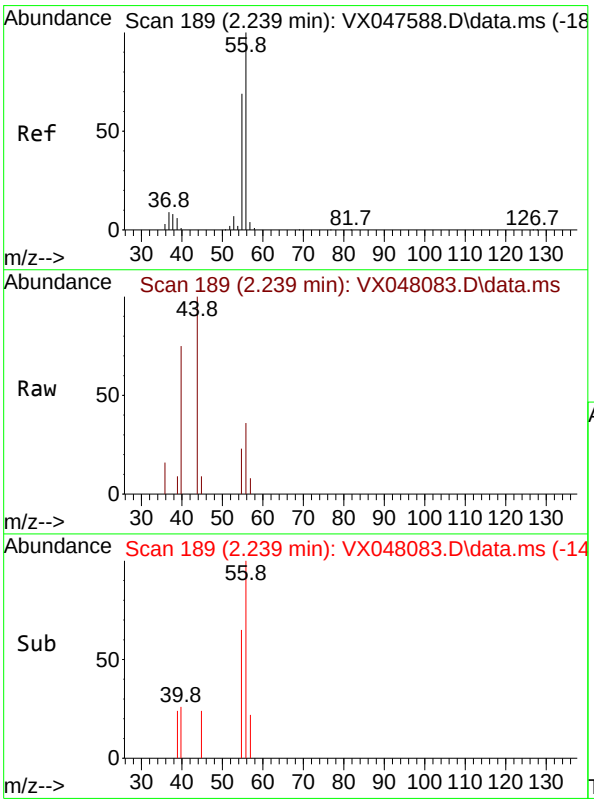
#11
Tert butyl alcohol
Concen: 0.614 ug/l
RT: 2.941 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion: 59 Resp: 137

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

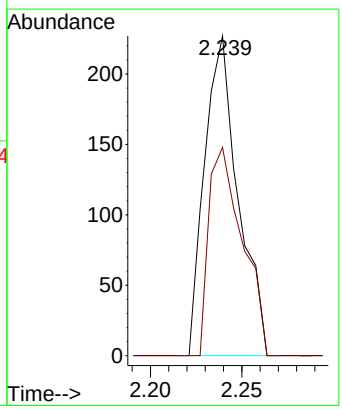


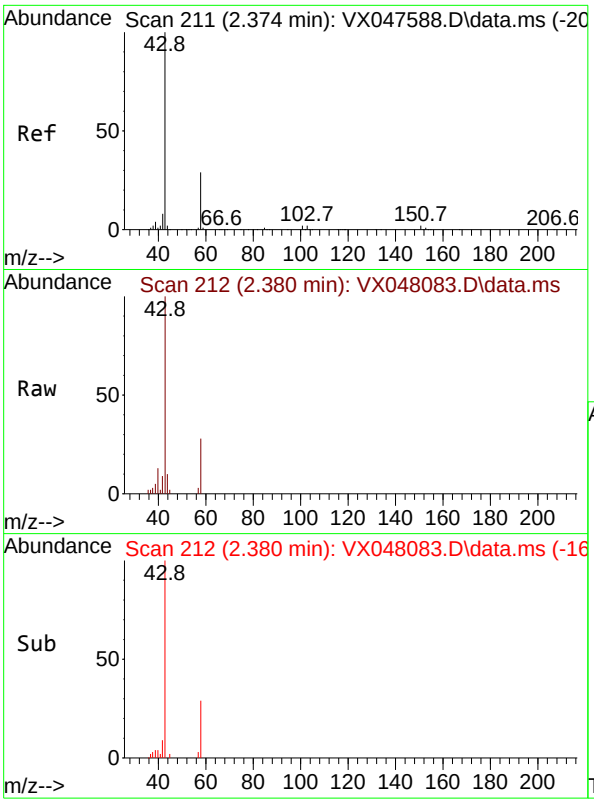


#13
Acrolein
Concen: 1.410 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion: 56 Resp: 290

Ion	Ratio	Lower	Upper
56	100		
55	65.2	57.2	85.8



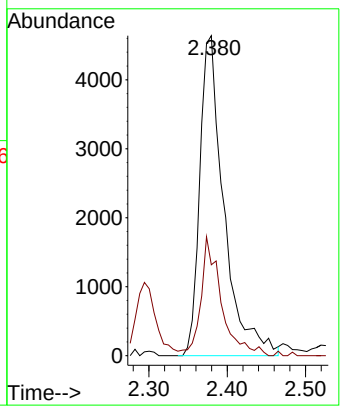


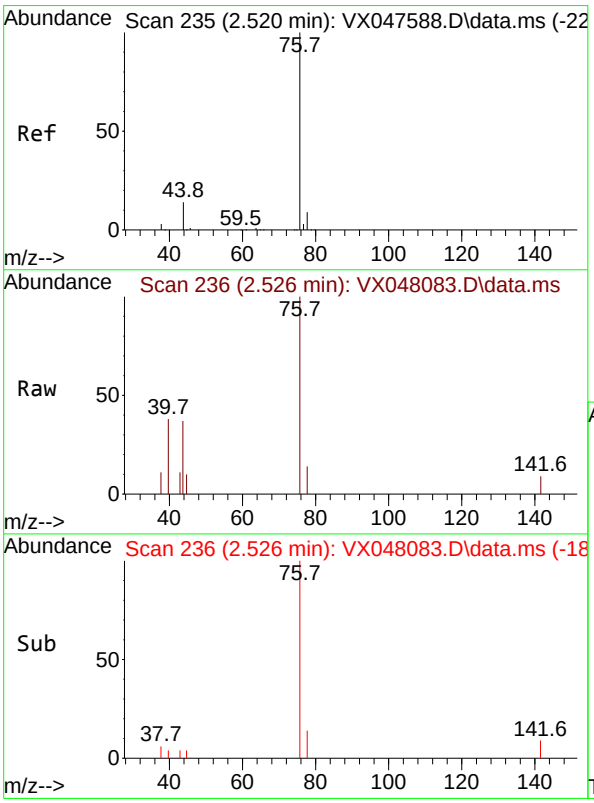
#16
Acetone
Concen: 11.387 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion: 43 Resp: 9921

Ion	Ratio	Lower	Upper
43	100		
58	27.0	23.4	35.0

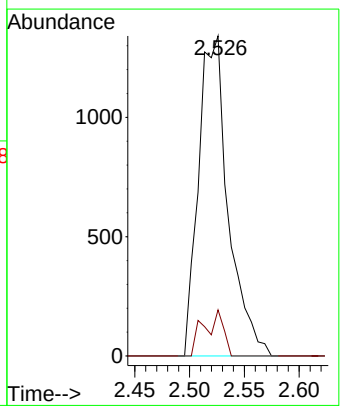


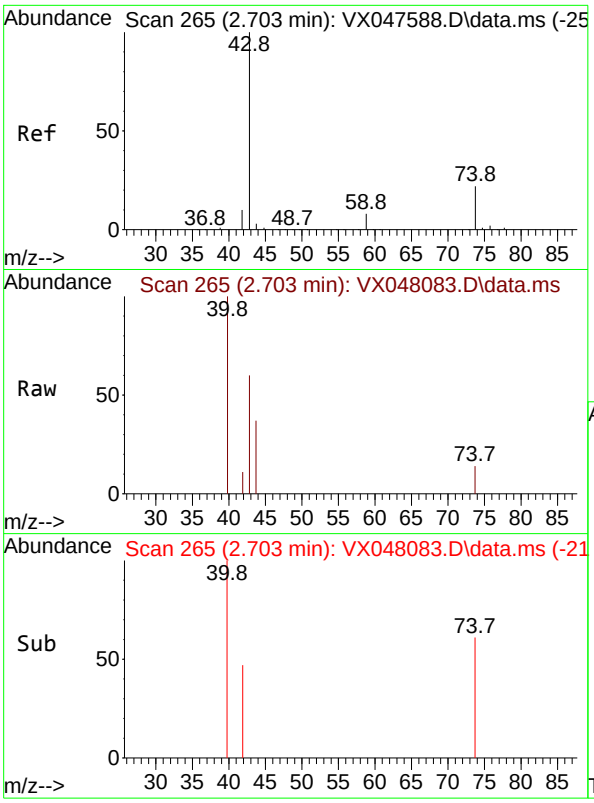


#17
Carbon Disulfide
Concen: 0.617 ug/l
RT: 2.526 min Scan# 236
Delta R.T. 0.006 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion: 76 Resp: 2528

Ion	Ratio	Lower	Upper
76	100		
78	14.4	6.8	10.2#



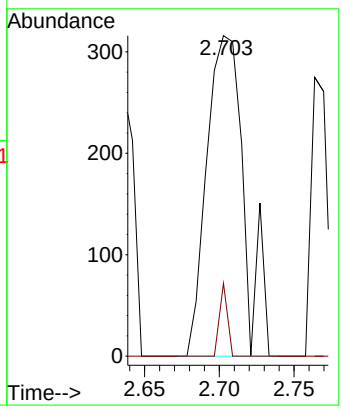


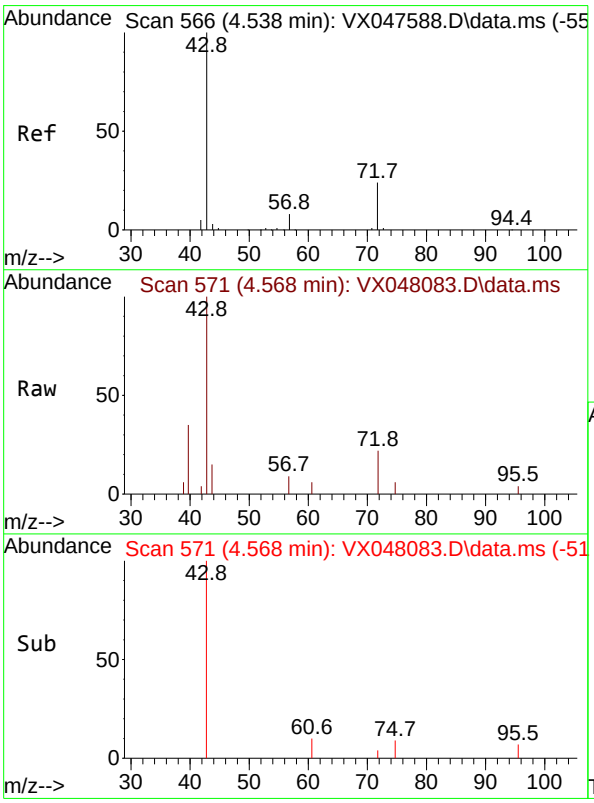
#18
Methyl Acetate
Concen: 0.283 ug/l
RT: 2.703 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion: 43 Resp: 548

Ion	Ratio	Lower	Upper
43	100		
74	4.7	17.4	26.2#

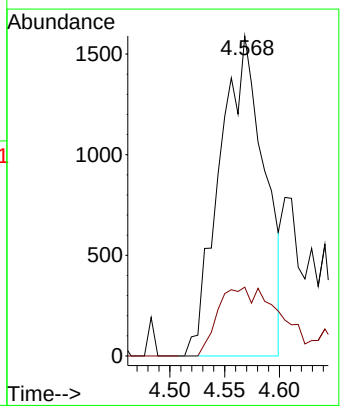


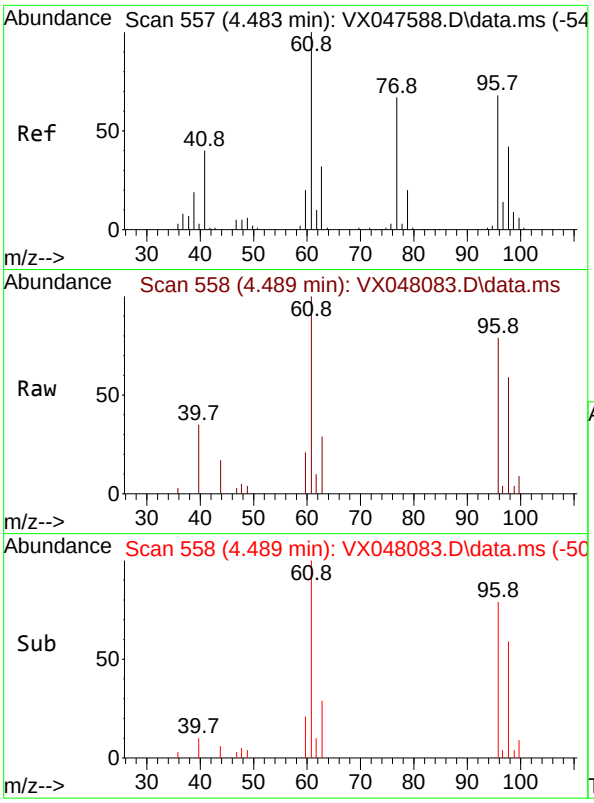


#25
2-Butanone
Concen: 4.140 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.030 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion: 43 Resp: 4499

Ion	Ratio	Lower	Upper
43	100		
72	18.8	20.1	30.1#



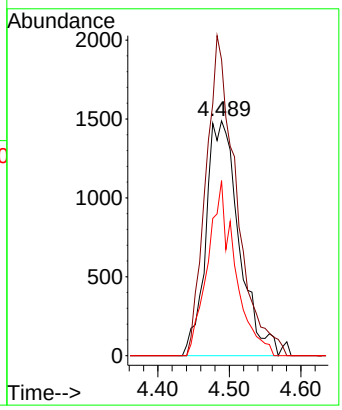


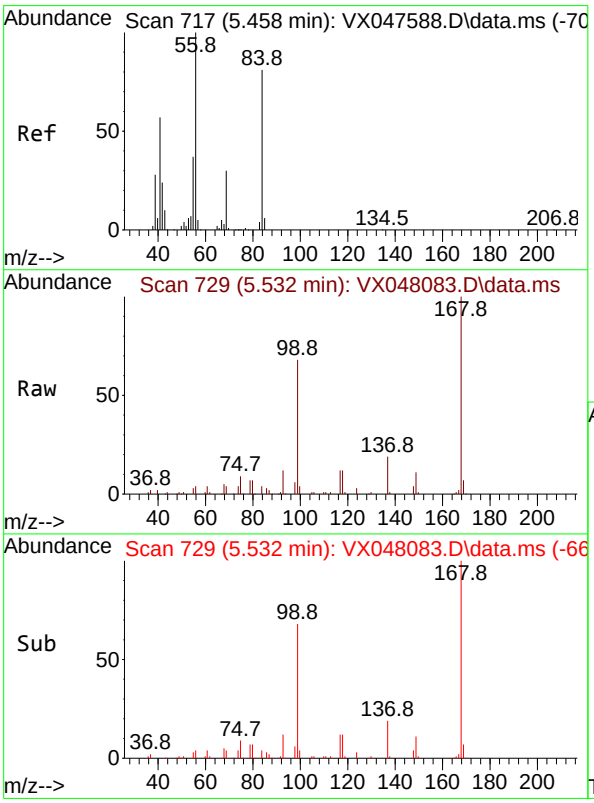
#27
cis-1,2-Dichloroethene
Concen: 2.421 ug/l
RT: 4.489 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion: 96 Resp: 4775

Ion	Ratio	Lower	Upper
96	100		
61	125.3	0.0	303.2
98	61.9	0.0	127.8

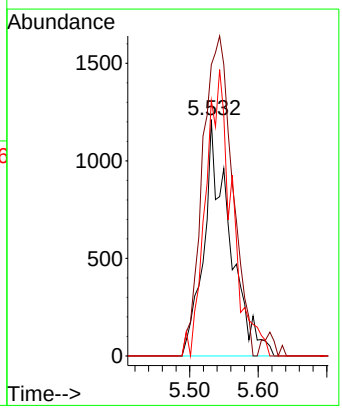


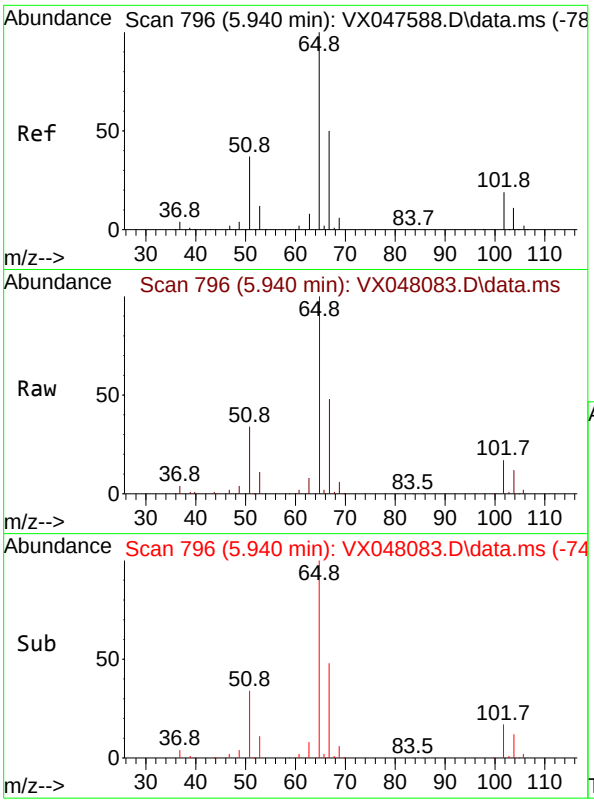


#31
Cyclohexane
Concen: 1.198 ug/l
RT: 5.532 min Scan# 729
Delta R.T. 0.073 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion: 56 Resp: 3173

Ion	Ratio	Lower	Upper
56	100		
69	123.3	23.8	35.8#
84	108.2	64.6	97.0#



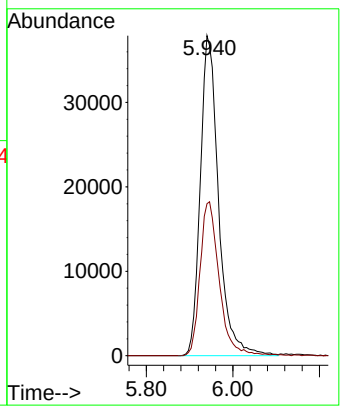


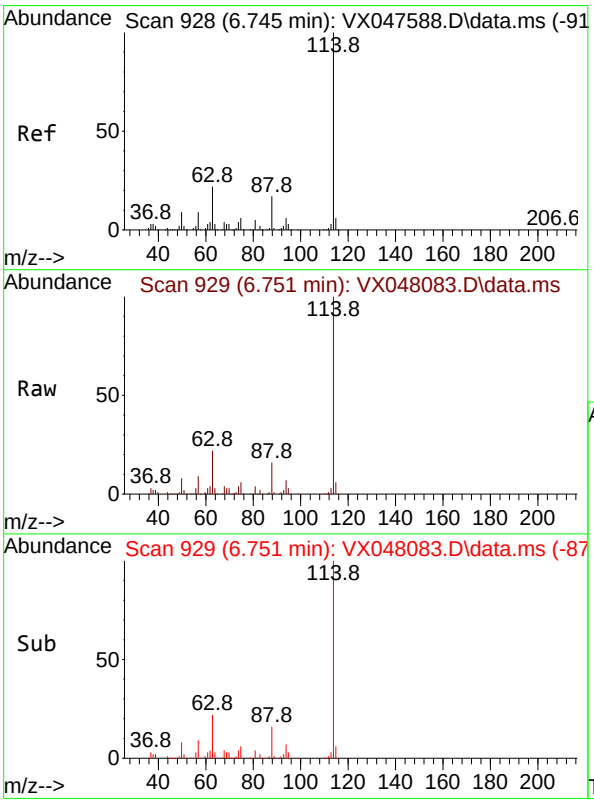
#33
1,2-Dichloroethane-d4
Concen: 55.353 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion: 65 Resp: 110914

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	103.0

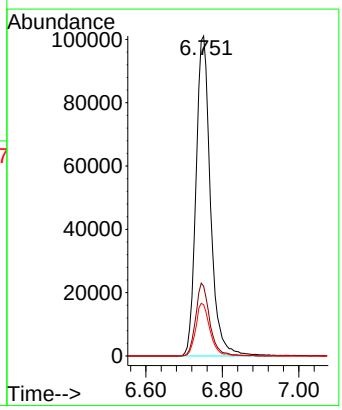


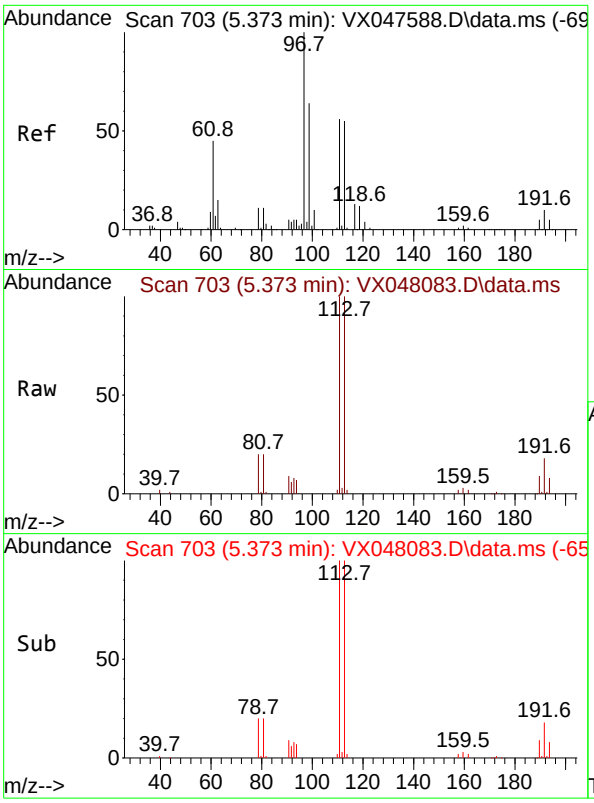


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion:114 Resp: 264953

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.0
88	16.0	0.0	34.2



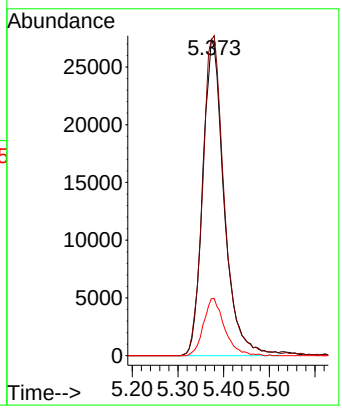


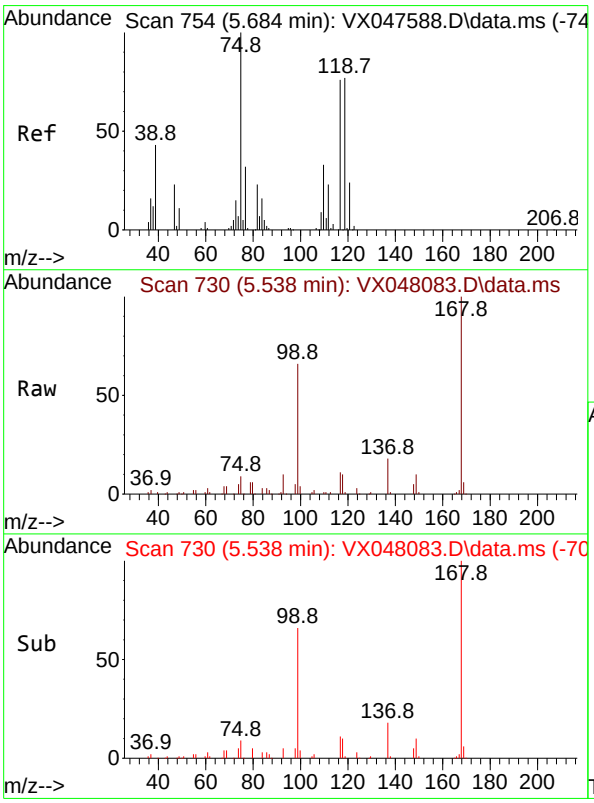
#35
Dibromofluoromethane
Concen: 50.084 ug/l
RT: 5.373 min Scan# 7(
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion:113 Resp: 88996

Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.9	121.3
192	17.8	14.2	21.4

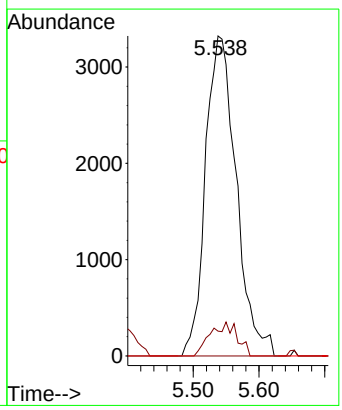


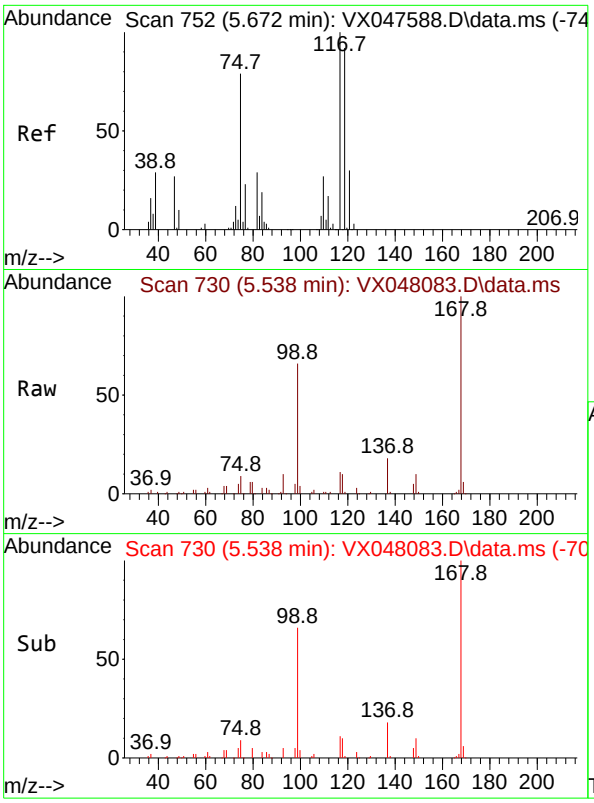


#36
1,1-Dichloropropene
Concen: 4.156 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion: 75 Resp: 10792

Ion	Ratio	Lower	Upper
75	100		
110	9.2	16.7	50.1#
77	0.0	24.3	36.5#



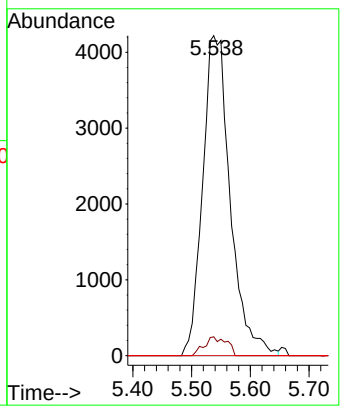


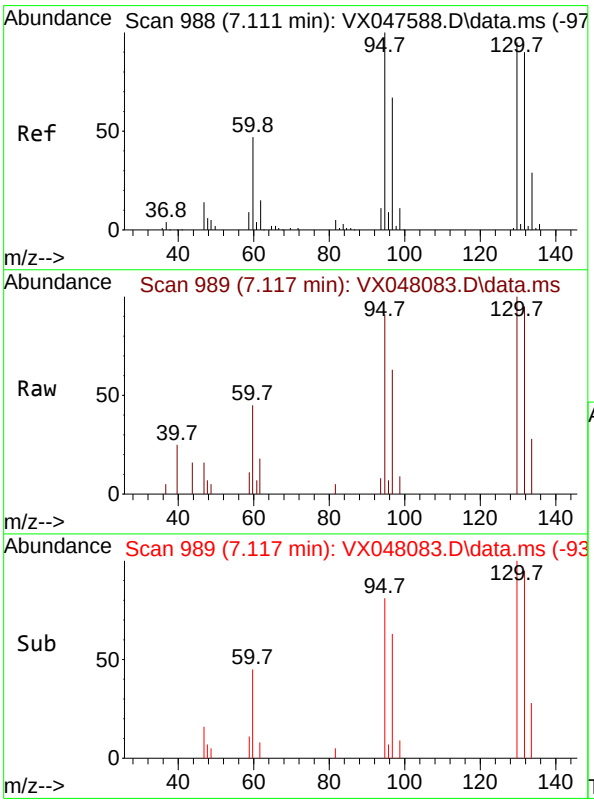
#38
Carbon Tetrachloride
Concen: 4.887 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.134 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion:117 Resp: 13788

Ion	Ratio	Lower	Upper
117	100		
119	5.9	73.4	110.2#
121	0.0	23.8	35.6#

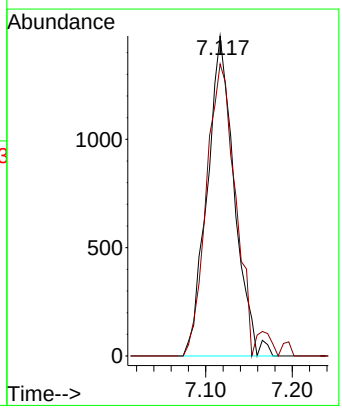


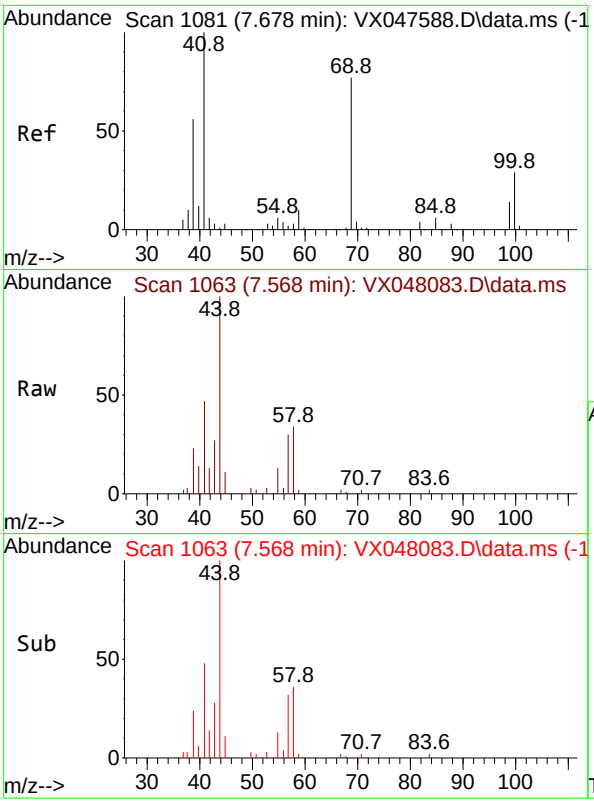


#44
Trichloroethene
Concen: 1.687 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion:130 Resp: 3216

Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	210.8



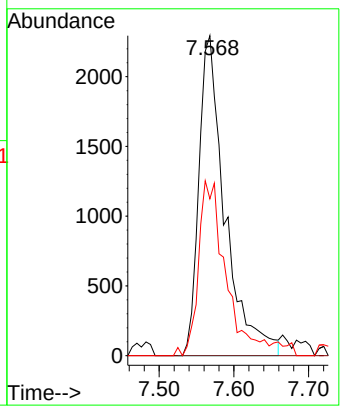


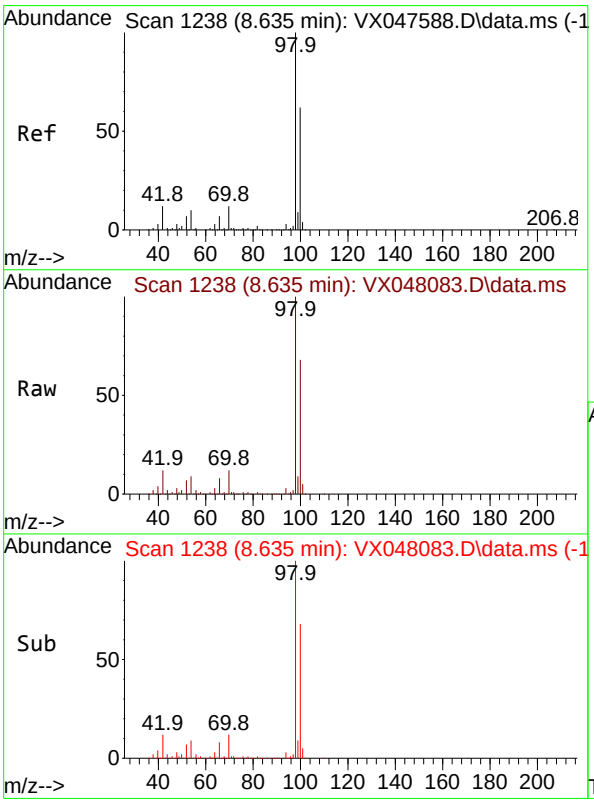
#48
Methyl methacrylate
Concen: 2.454 ug/l
RT: 7.568 min Scan# 1
Delta R.T. -0.110 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion: 41 Resp: 5573

Ion	Ratio	Lower	Upper
41	100		
69	0.0	61.4	92.2#
39	59.2	45.8	68.6

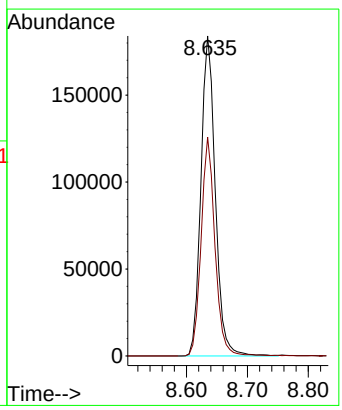


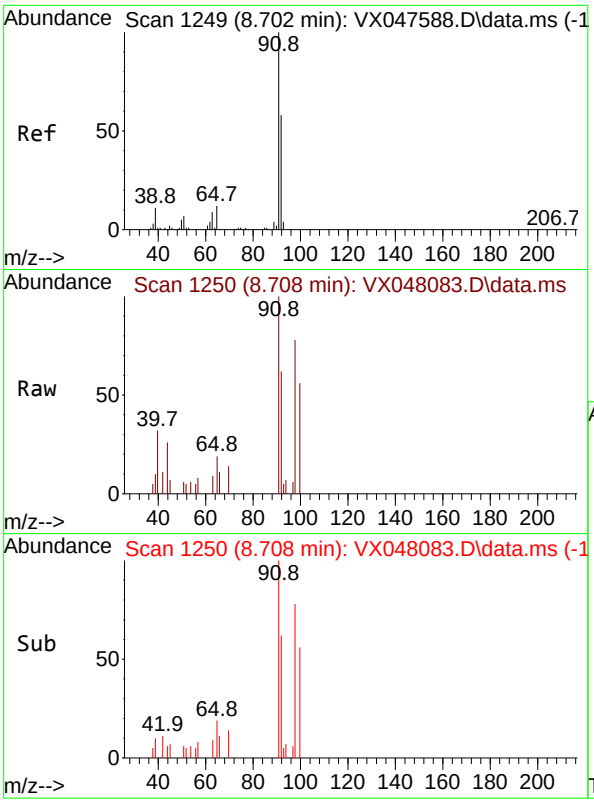


#50
Toluene-d8
Concen: 49.122 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion: 98 Resp: 302025

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.4



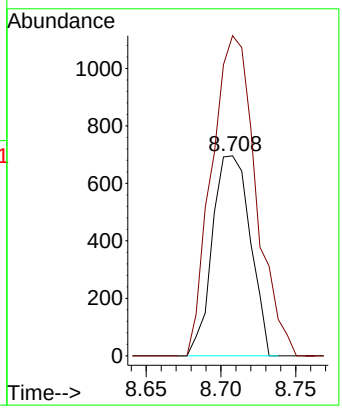


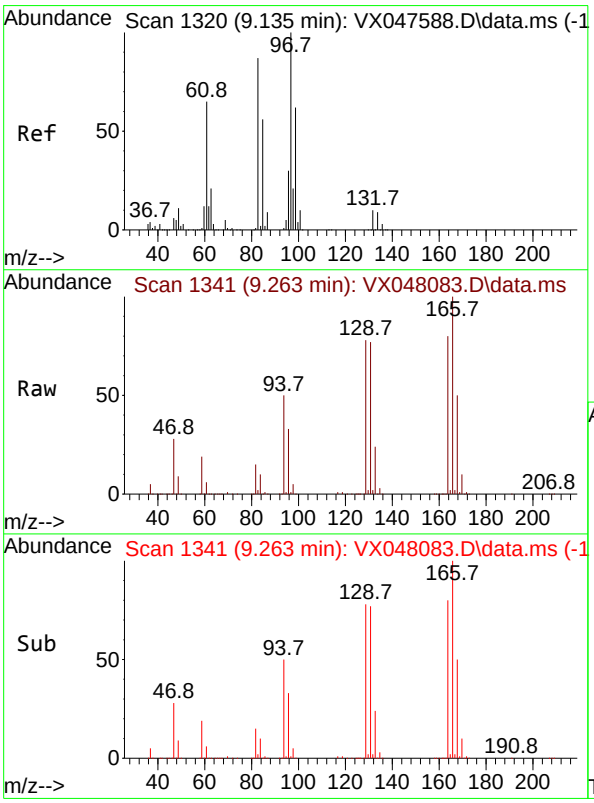
#52
Toluene
Concen: 0.252 ug/l
RT: 8.708 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion: 92 Resp: 1225

Ion	Ratio	Lower	Upper
92	100		
91	186.5	137.1	205.7

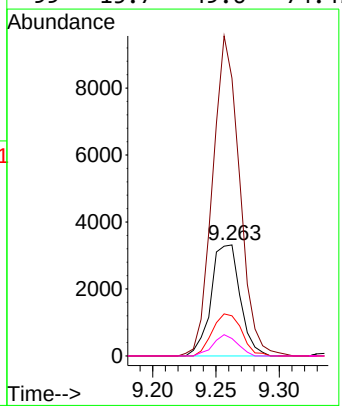


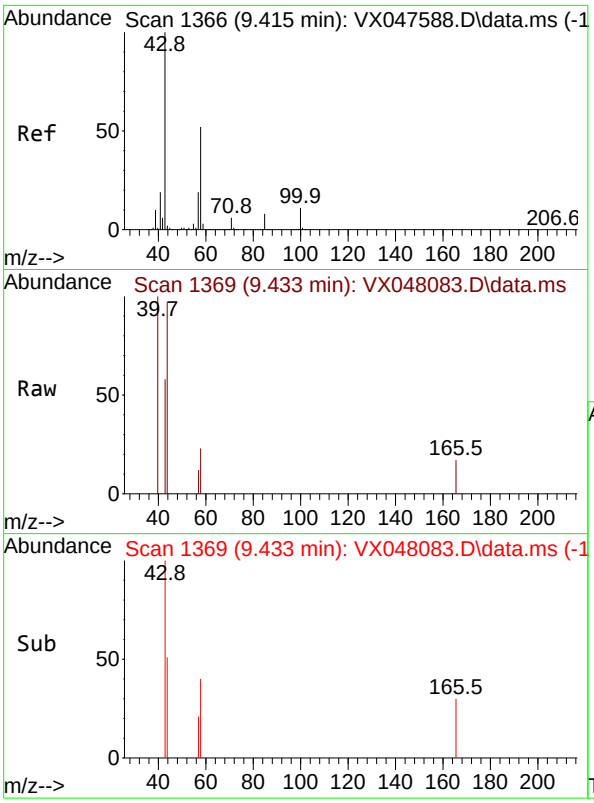


#55
1,1,2-Trichloroethane
Concen: 2.823 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.128 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion: 97 Resp: 5289

Ion	Ratio	Lower	Upper
97	100		
83	250.2	69.6	104.4#
85	36.2	45.0	67.6#
99	15.7	49.6	74.4#



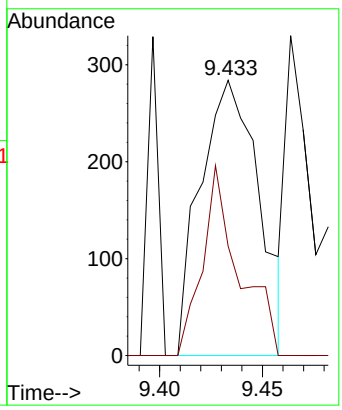


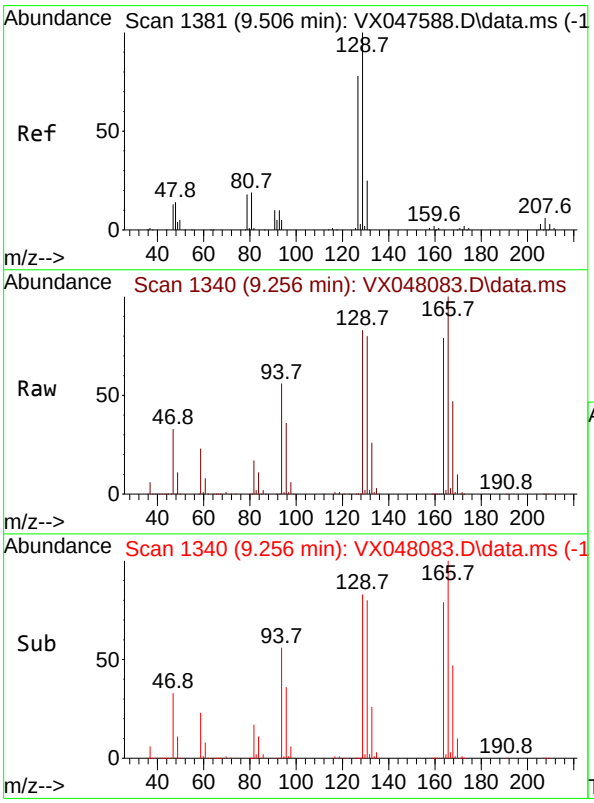
#59
2-Hexanone
Concen: 0.311 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion: 43 Resp: 564

Ion	Ratio	Lower	Upper
43	100		
58	42.7	26.1	78.2

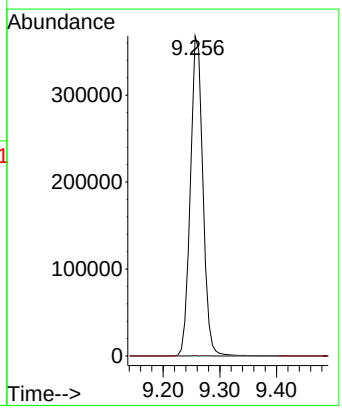


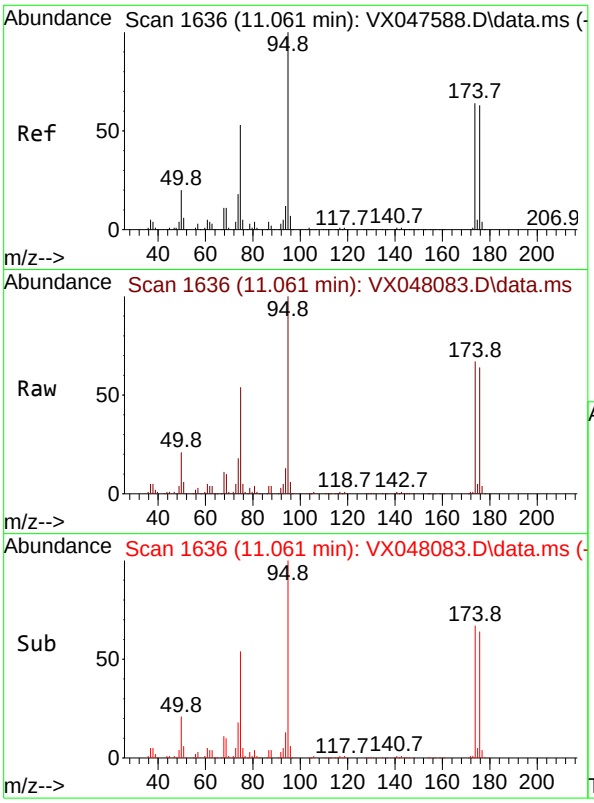


#60
Dibromochloromethane
Concen: 260.662 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.250 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion:129 Resp: 562686

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#



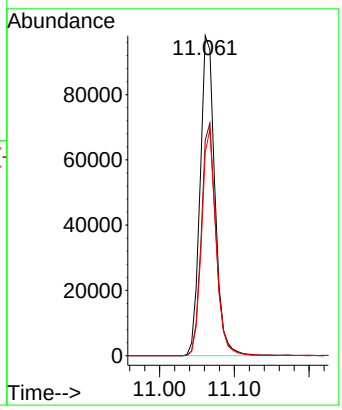


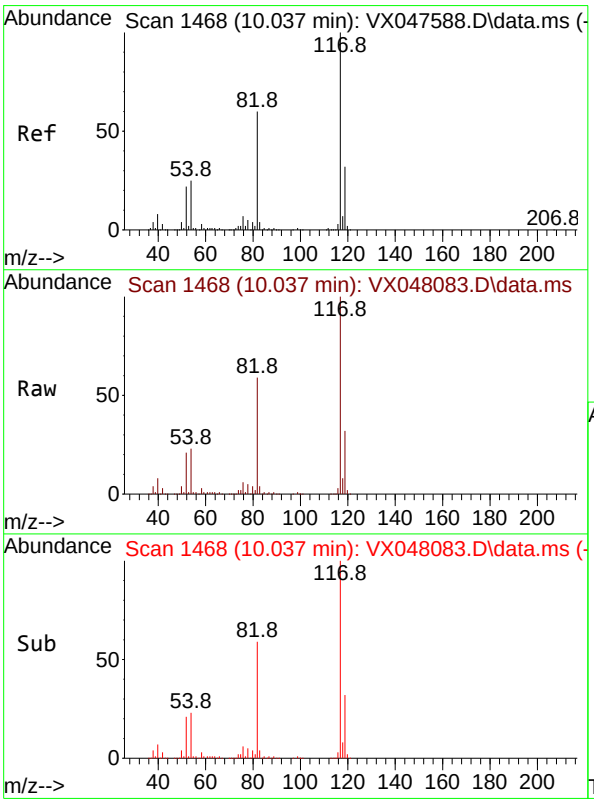
#62
4-Bromofluorobenzene
Concen: 57.689 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion: 95 Resp: 134616

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	141.6
176	69.0	0.0	138.4

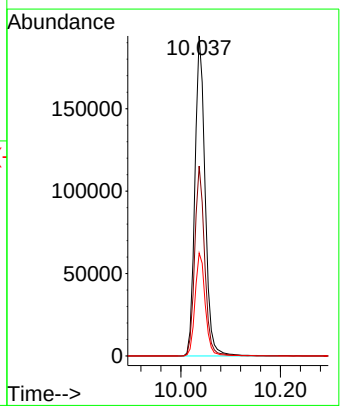


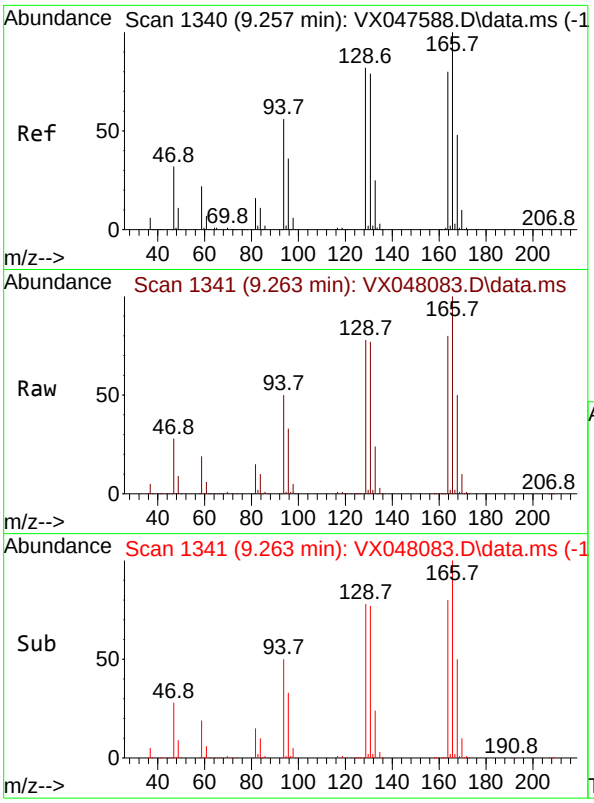


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion:117 Resp: 275267

Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.8	71.6
119	32.1	25.2	37.8



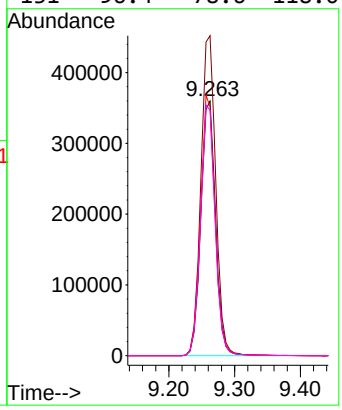


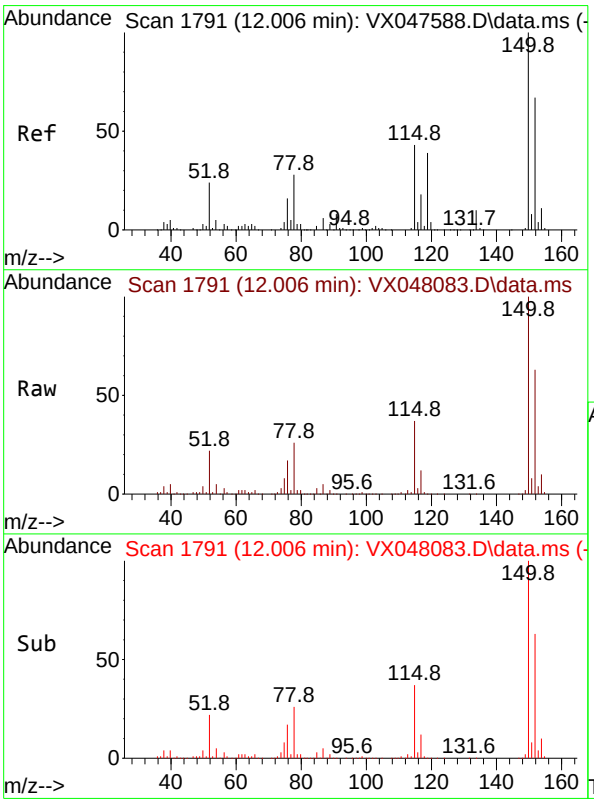
#64
Tetrachloroethene
Concen: 311.758 ug/l
RT: 9.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion:164 Resp: 559434

Ion	Ratio	Lower	Upper
164	100		
166	125.8	100.2	150.2
129	97.8	81.8	122.6
131	96.4	78.6	118.0

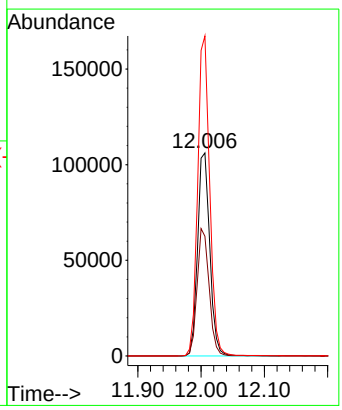


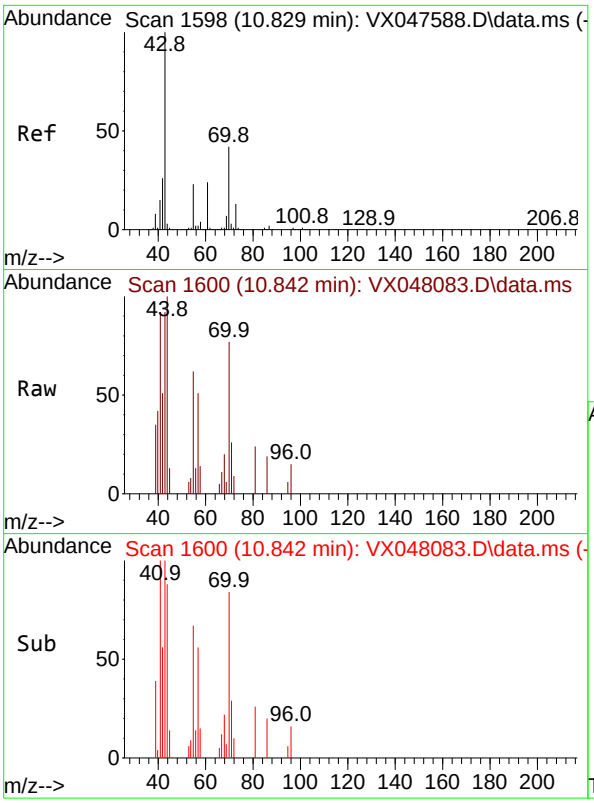


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion:152 Resp: 142615

Ion	Ratio	Lower	Upper
152	100		
115	61.9	44.9	134.5
150	155.2	0.0	352.0



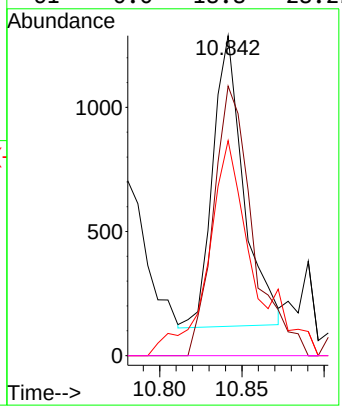


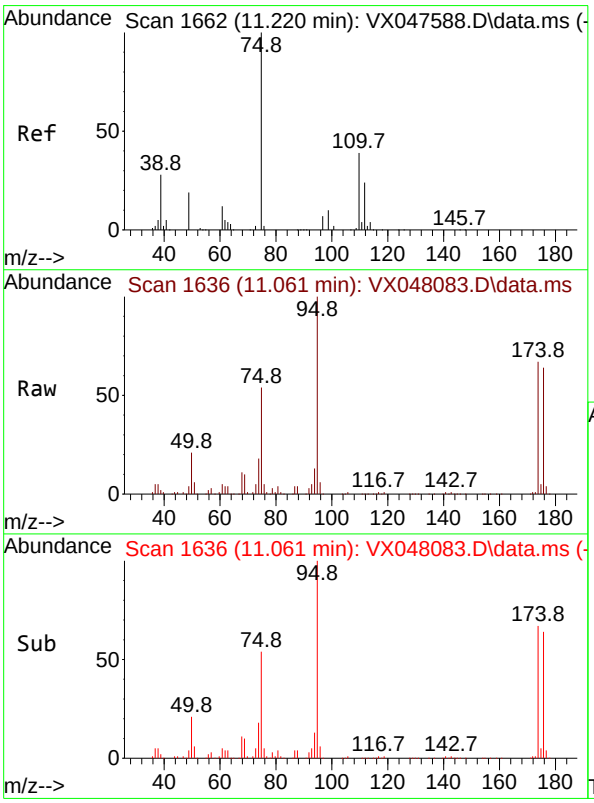
#74
N-amyl acetate
Concen: 0.308 ug/l
RT: 10.842 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion: 43 Resp: 1523

Ion	Ratio	Lower	Upper
43	100		
70	117.9	32.0	48.0#
55	107.9	18.9	28.3#
61	0.0	18.8	28.2#

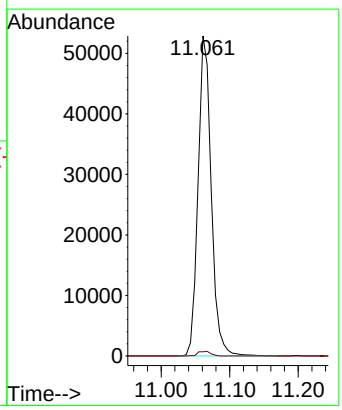


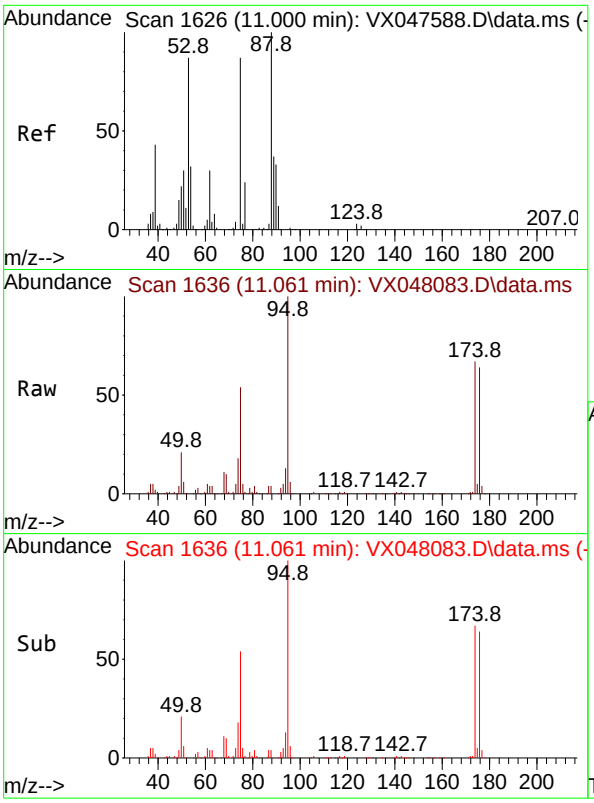


#76
1,2,3-Trichloropropane
Concen: 24.514 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion: 75 Resp: 70785

Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.8	56.4#



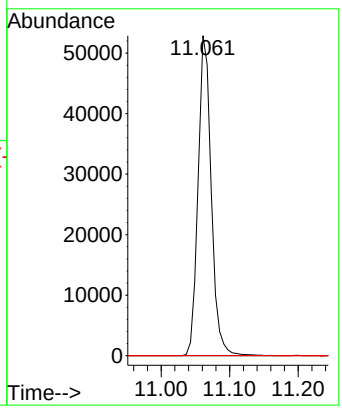


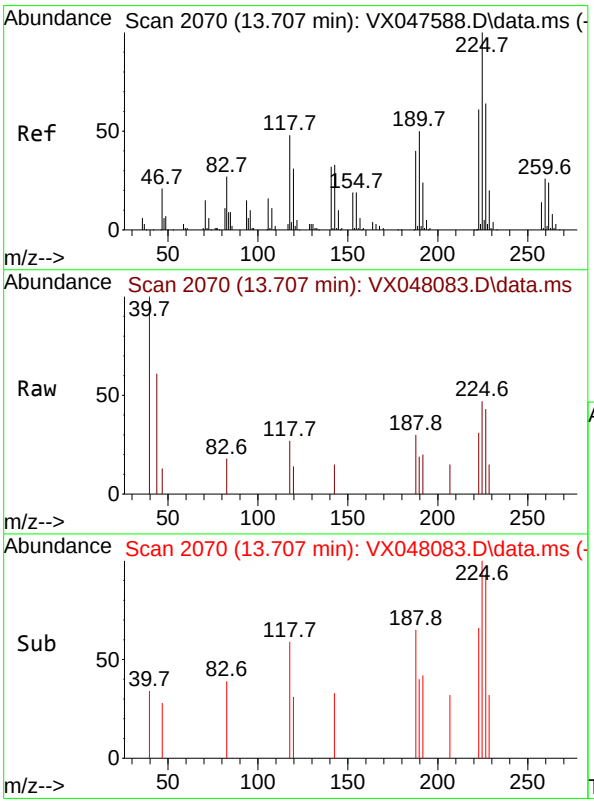
#81
trans-1,4-Dichloro-2-butene
Concen: 62.515 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion: 75 Resp: 70785

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.4	125.2#
89	0.0	36.3	54.5#





#94
Hexachlorobutadiene
Concen: 0.247 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion:225 Resp: 258

Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.7	95.1
227	75.2	32.0	96.0