Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111125\
Data File : VU063699.D
Acq On : 11 Nov 2025 11:17
Operator : MD/SY
Sample : VU1111WBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Quant Time: Nov 12 02:09:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 01:41:19 2025
Response via : Initial Calibration

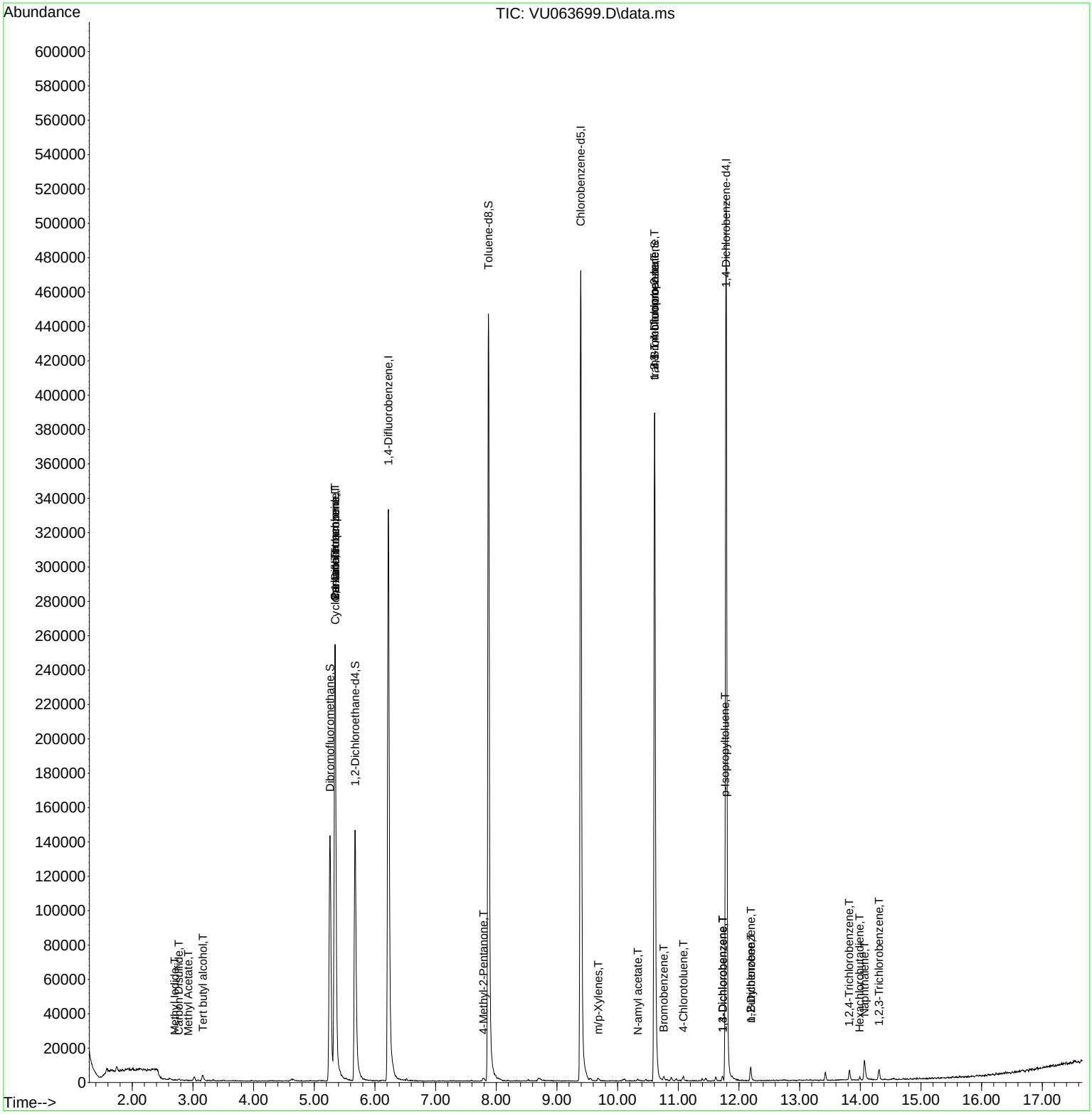
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.344	168	184343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.222	114	301267	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	276875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	142071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.672	65	121973	44.791	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 89.580%			
35) Dibromofluoromethane	5.261	113	100926	47.830	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.660%			
50) Toluene-d8	7.872	98	320008	42.215	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 84.420%#			
62) 4-Bromofluorobenzene	10.611	95	140178	44.703	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.400%			
Target Compounds						Qvalue
3) Chloromethane	1.505	50	328	Below Cal	#	42
5) Bromomethane	1.837	94	405	Below Cal	#	49
10) Methyl Iodide	2.701	142	190	3.064	ug/l #	64
11) Tert butyl alcohol	3.164	59	1511	2.378	ug/l #	73
13) Acrolein	2.476	56	66	Below Cal		96
16) Acetone	2.618	43	885	Below Cal		97
17) Carbon Disulfide	2.766	76	1065	0.471	ug/l #	76
18) Methyl Acetate	2.923	43	90	1.583	ug/l #	49
20) Methylene Chloride	3.020	84	877	Below Cal	#	89
31) Cyclohexane	5.348	56	4524	0.346	ug/l #	23
36) 1,1-Dichloropropene	5.344	75	15588	7.258	ug/l #	49
38) Carbon Tetrachloride	5.341	117	18864	8.127	ug/l #	16
51) 4-Methyl-2-Pentanone	7.788	43	1362	0.399	ug/l	97
68) m/p-Xylenes	9.682	106	731	0.220	ug/l	88
74) N-amyl acetate	10.335	43	814	0.262	ug/l #	51
76) 1,2,3-Trichloropropane	10.608	75	77264	21.581	ug/l #	100
77) Bromobenzene	10.762	156	520	0.232	ug/l	73
81) trans-1,4-Dichloro-2-b...	10.608	75	77264	114.968	ug/l #	7
82) 4-Chlorotoluene	11.084	91	1789	0.238	ug/l	87
86) p-Isopropyltoluene	11.772	119	1588	0.201	ug/l #	65
87) 1,3-Dichlorobenzene	11.733	146	1451	0.344	ug/l	92
88) 1,4-Dichlorobenzene	11.733	146	1451	0.329	ug/l	92
89) n-Butylbenzene	12.196	91	3920	0.540	ug/l	97
91) 1,2-Dichlorobenzene	12.196	146	959	0.228	ug/l	75
93) 1,2,4-Trichlorobenzene	13.817	180	2324	0.865	ug/l	95
94) Hexachlorobutadiene	13.990	225	402	0.297	ug/l	75
95) Naphthalene	14.071	128	12498	1.718	ug/l	96
96) 1,2,3-Trichlorobenzene	14.309	180	2252	0.902	ug/l	90

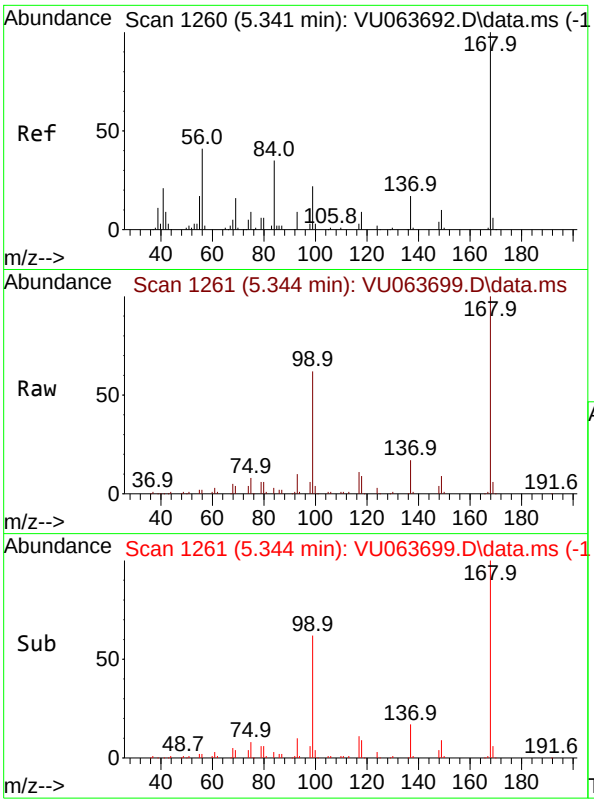
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111125\
Data File : VU063699.D
Acq On : 11 Nov 2025 11:17
Operator : MD/SY
Sample : VU1111WBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Quant Time: Nov 12 02:09:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 01:41:19 2025
Response via : Initial Calibration



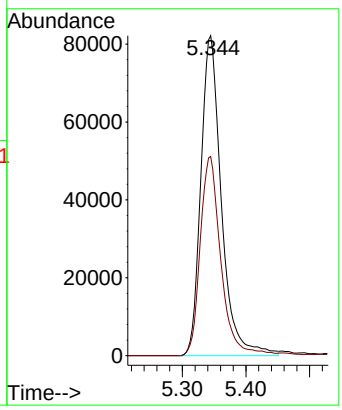


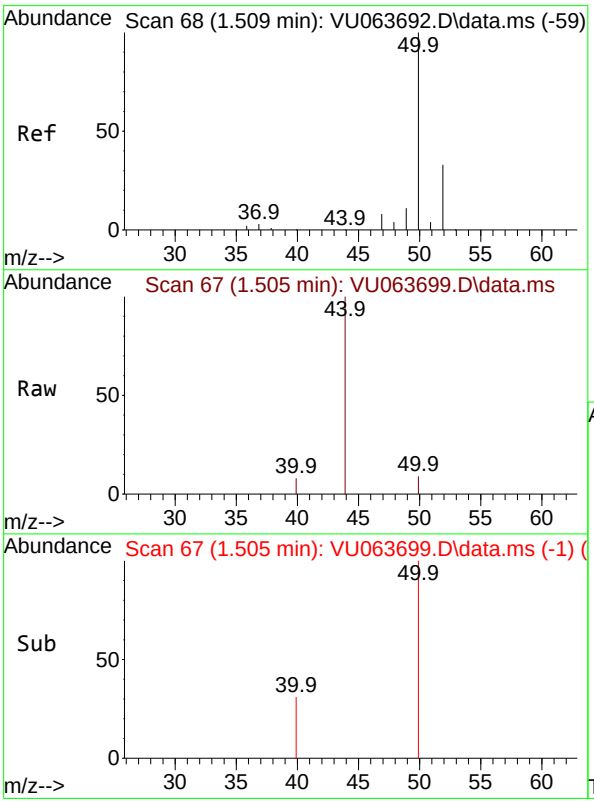
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.344 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Tgt Ion:168 Resp: 184343

Ion	Ratio	Lower	Upper
168	100		
99	62.2	48.2	72.4

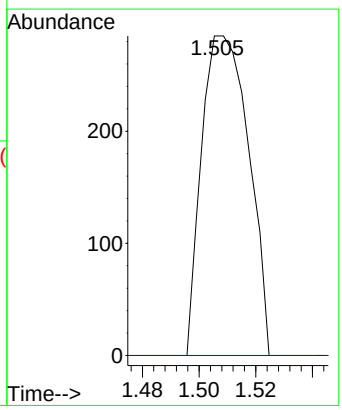


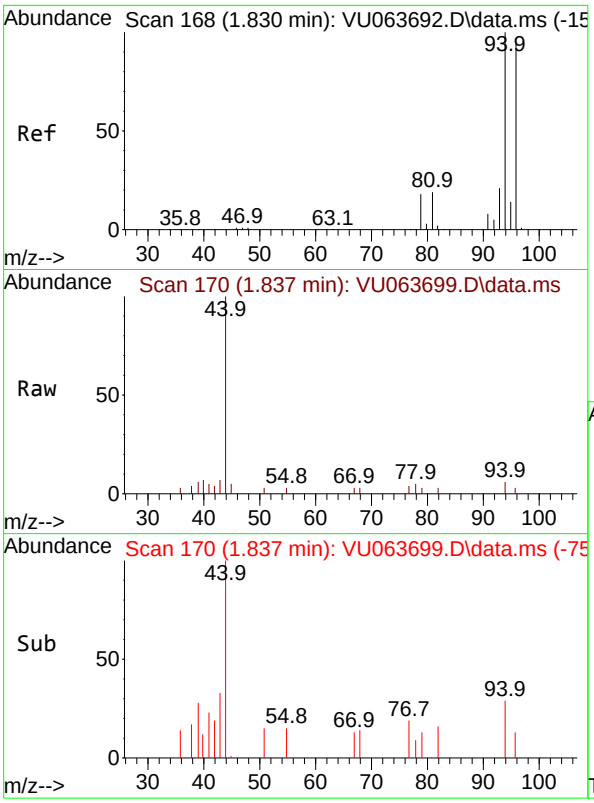


#3
Chloromethane
Concen: Below Cal
RT: 1.505 min Scan# 67
Delta R.T. -0.004 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Tgt Ion: 50 Resp: 328

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.3	39.5#



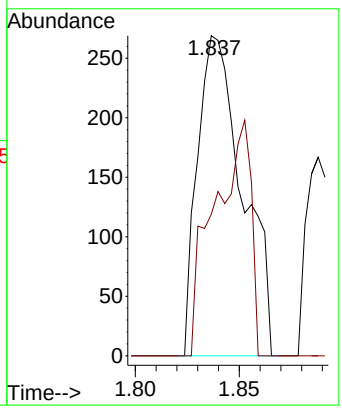


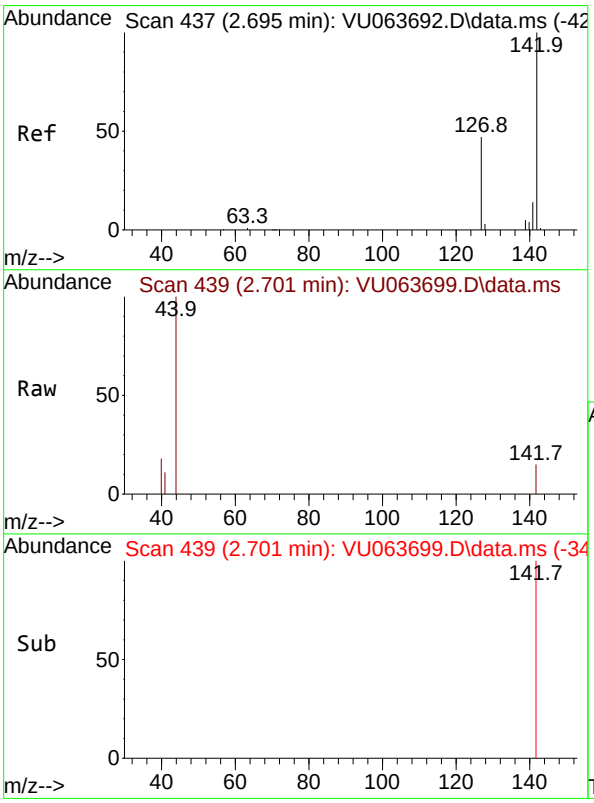
#5
Bromomethane
Concen: Below Cal
RT: 1.837 min Scan# 1
Delta R.T. 0.007 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Tgt Ion: 94 Resp: 405

Ion	Ratio	Lower	Upper
94	100		
96	44.2	74.8	112.2#

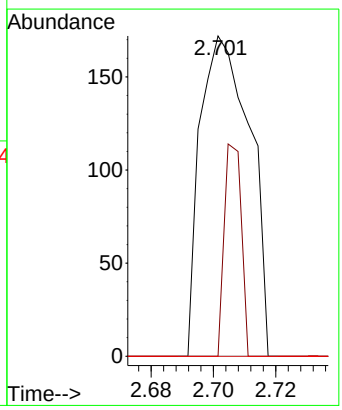


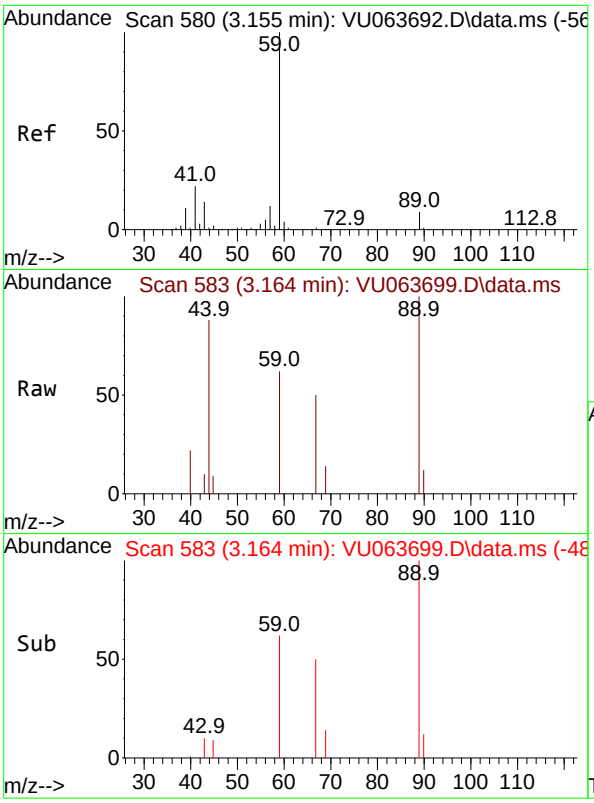


#10
Methyl Iodide
Concen: 3.064 ug/l
RT: 2.701 min Scan# 439
Delta R.T. 0.006 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Tgt Ion:142 Resp: 190

Ion	Ratio	Lower	Upper
142	100		
127	22.6	37.2	55.8#
141	0.0	11.4	17.0#



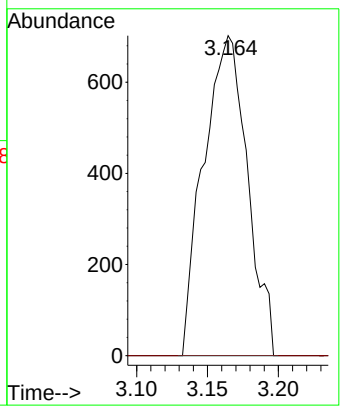


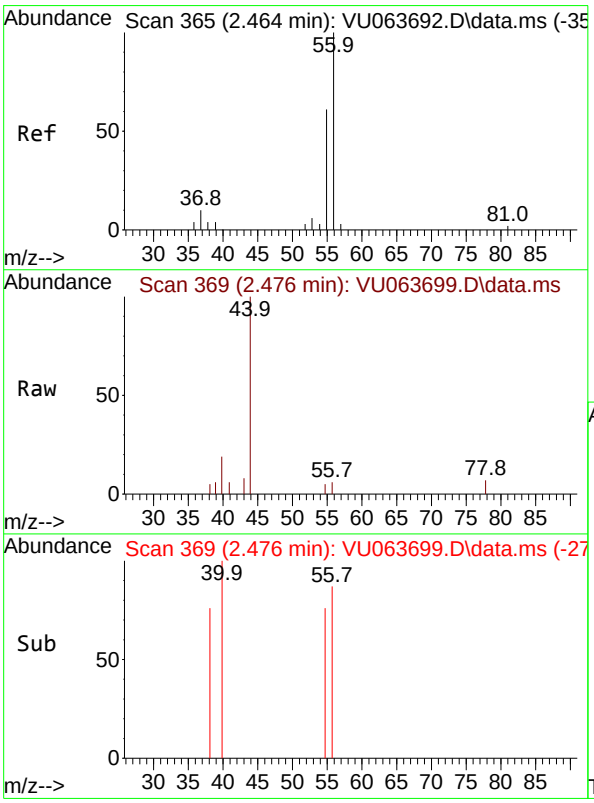
#11
Tert butyl alcohol
Concen: 2.378 ug/l
RT: 3.164 min Scan# 5
Delta R.T. 0.009 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Tgt Ion: 59 Resp: 1511

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

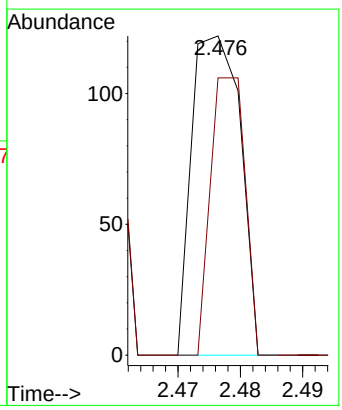


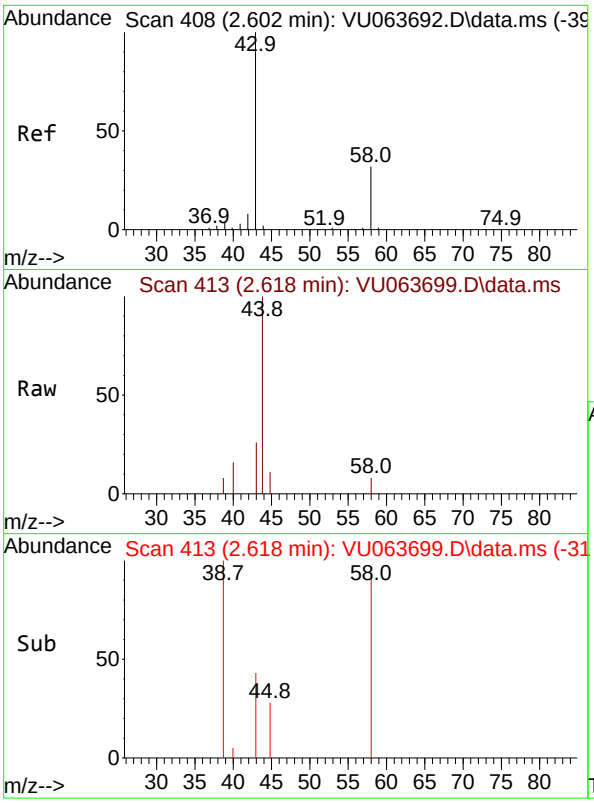


#13
Acrolein
Concen: Below Cal
RT: 2.476 min Scan# 369
Delta R.T. 0.012 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Tgt Ion: 56 Resp: 66

Ion	Ratio	Lower	Upper
56	100		
55	62.1	47.1	70.7



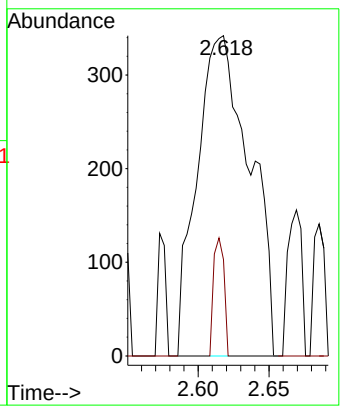


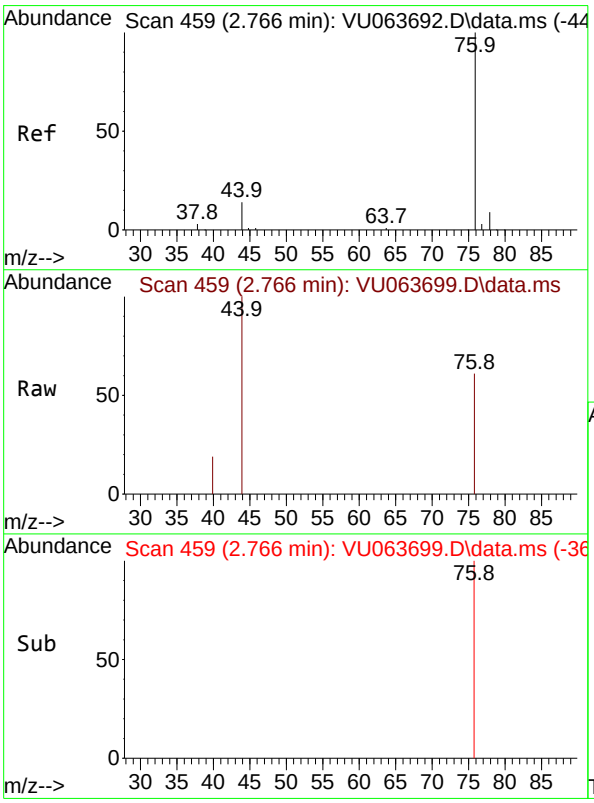
#16
Acetone
Concen: Below Cal
RT: 2.618 min Scan# 41
Delta R.T. 0.016 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Tgt Ion: 43 Resp: 885

Ion	Ratio	Lower	Upper
43	100		
58	30.1	25.4	38.2

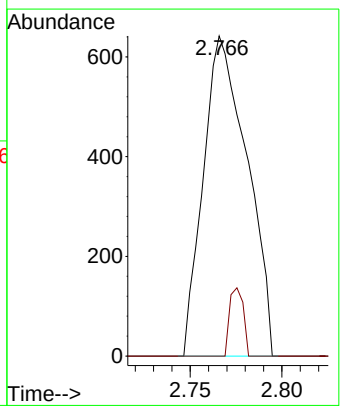


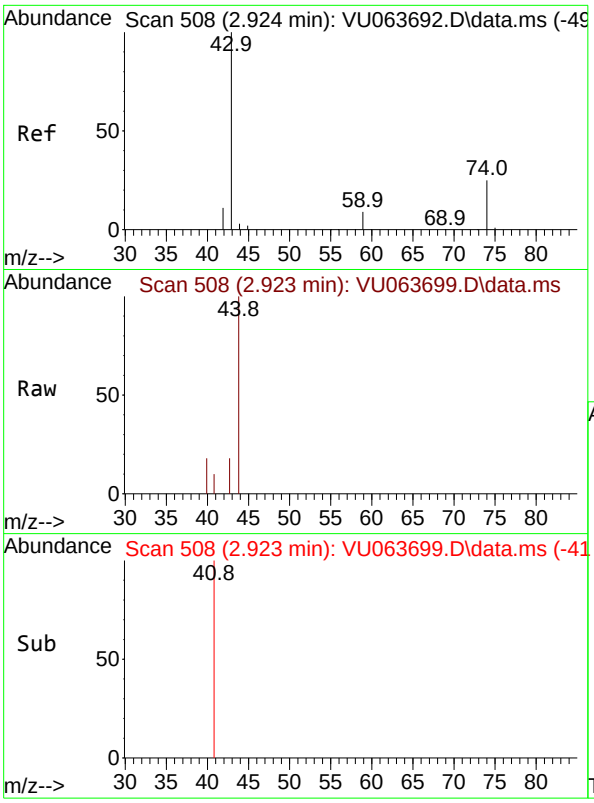


#17
Carbon Disulfide
Concen: 0.471 ug/l
RT: 2.766 min Scan# 459
Delta R.T. -0.000 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Tgt Ion: 76 Resp: 1065

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.6#



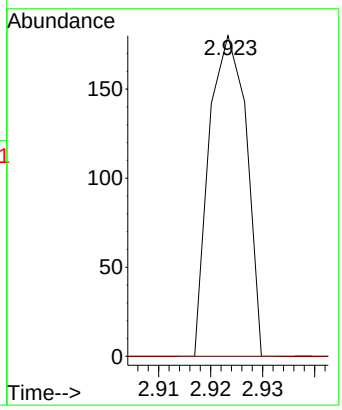


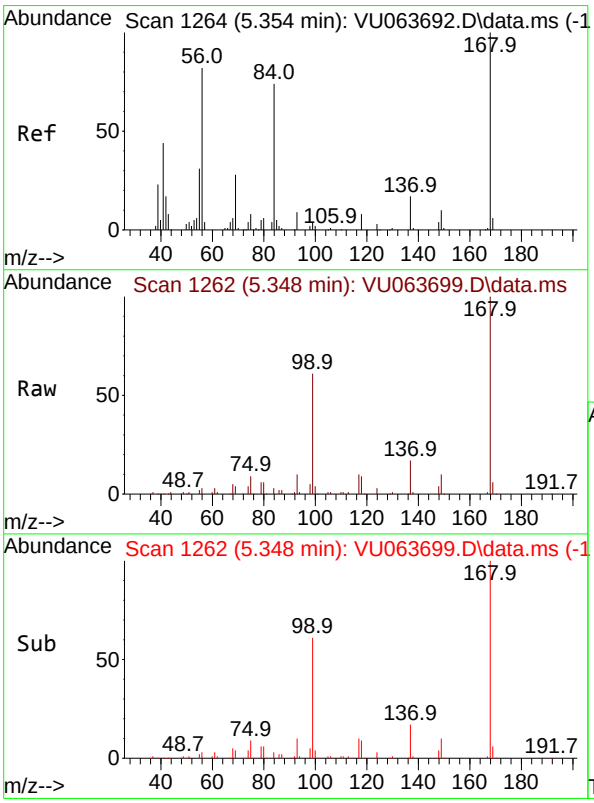
#18
Methyl Acetate
Concen: 1.583 ug/l
RT: 2.923 min Scan# 5
Delta R.T. -0.001 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Tgt Ion: 43 Resp: 90

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.6	31.0#

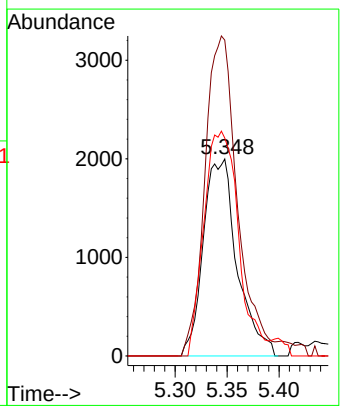


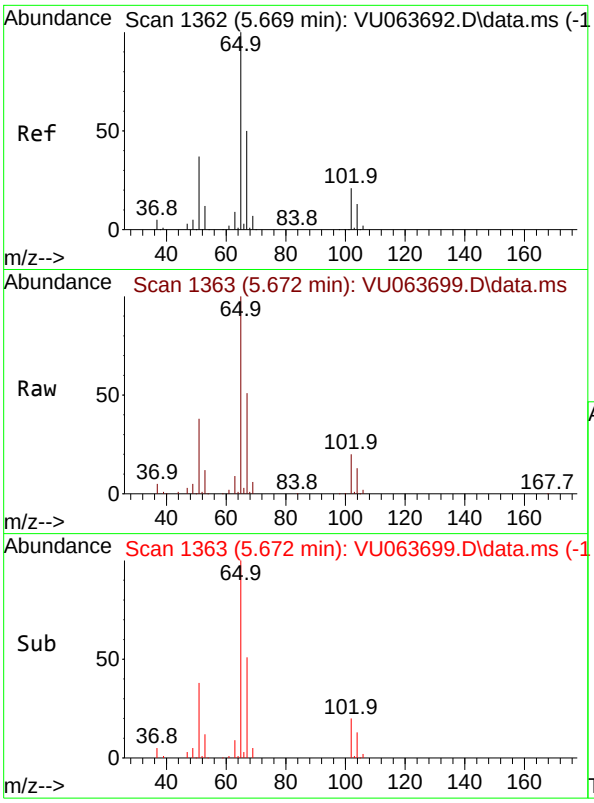


#31
Cyclohexane
Concen: 0.346 ug/l
RT: 5.348 min Scan# 1262
Delta R.T. -0.006 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Tgt Ion: 56 Resp: 4524

Ion	Ratio	Lower	Upper
56	100		
69	160.4	27.0	40.6#
84	110.7	71.8	107.6#



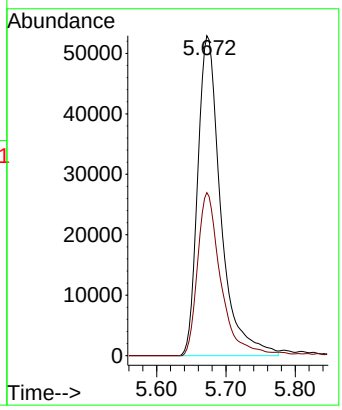


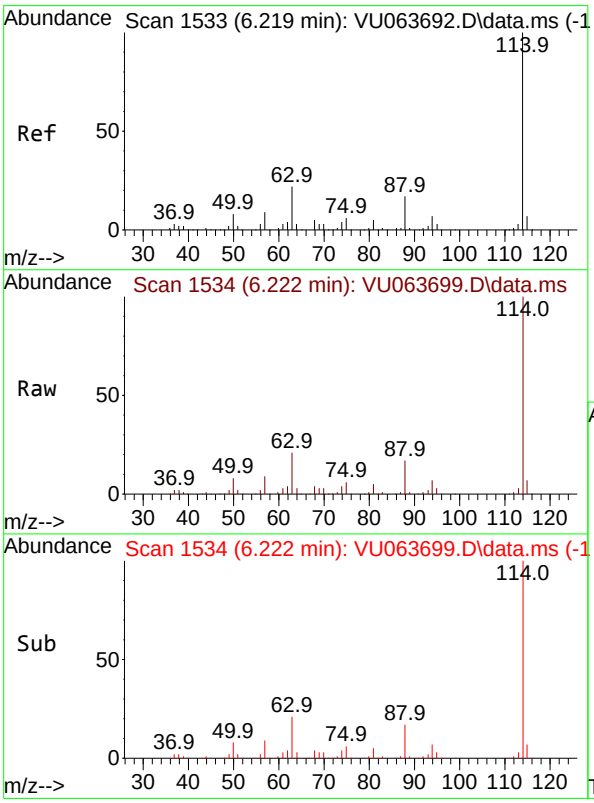
#33
1,2-Dichloroethane-d4
Concen: 44.791 ug/l
RT: 5.672 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Tgt Ion: 65 Resp: 121973

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.8

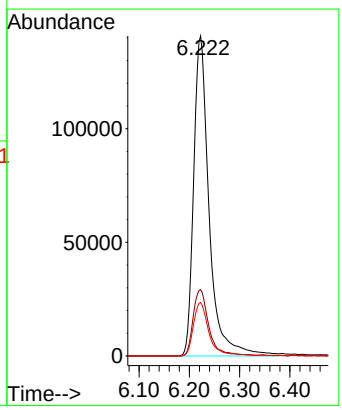


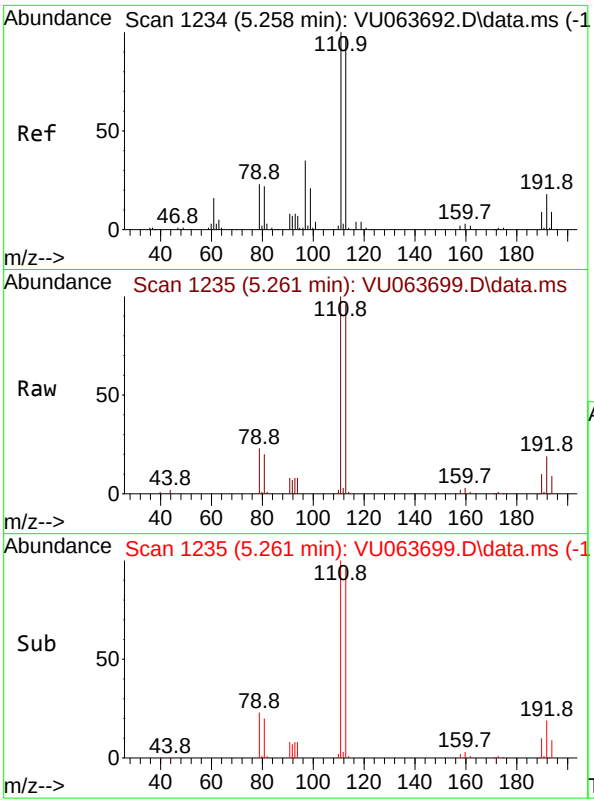


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.222 min Scan# 1534
Delta R.T. 0.003 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Tgt Ion:114 Resp: 301267

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	44.0
88	16.7	0.0	33.6



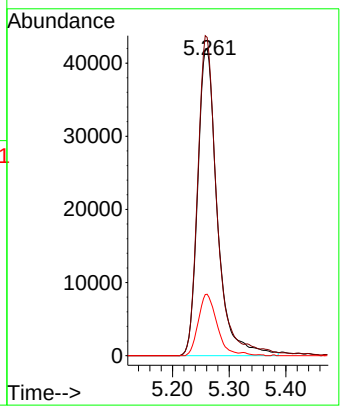


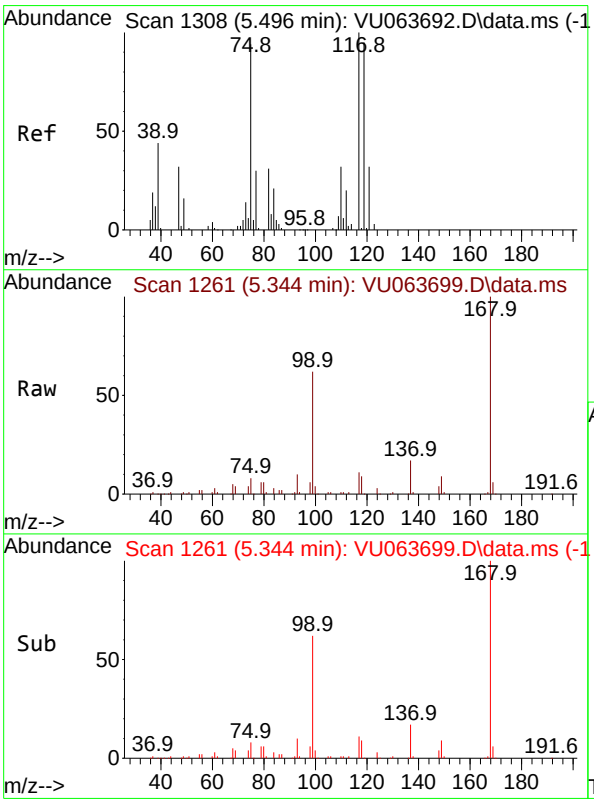
#35
Dibromofluoromethane
Concen: 47.830 ug/l
RT: 5.261 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Tgt Ion:113 Resp: 100926

Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.4	123.6
192	18.8	15.4	23.0

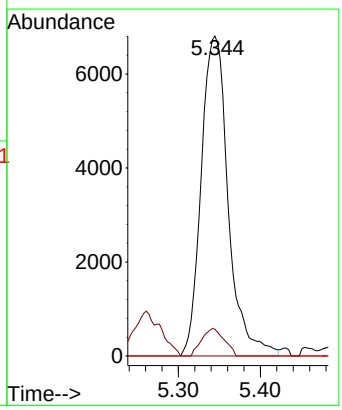


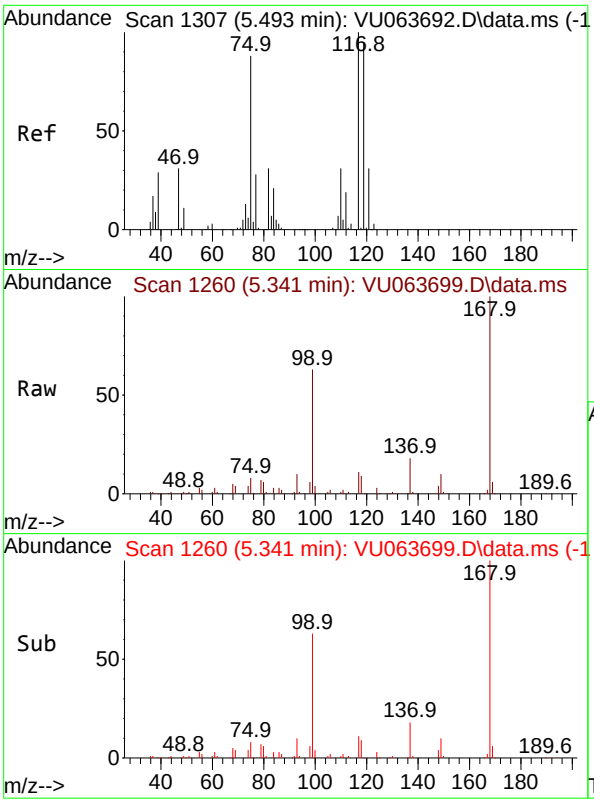


#36
1,1-Dichloropropene
Concen: 7.258 ug/l
RT: 5.344 min Scan# 1261
Delta R.T. -0.151 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Tgt Ion: 75 Resp: 15588

Ion	Ratio	Lower	Upper
75	100		
110	7.1	17.3	51.7#
77	0.0	24.4	36.6#



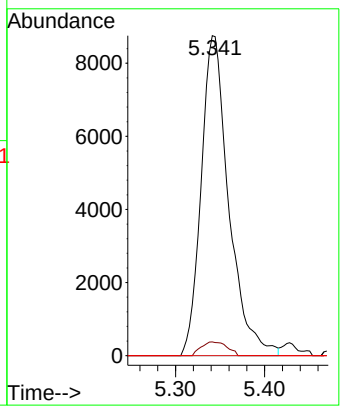


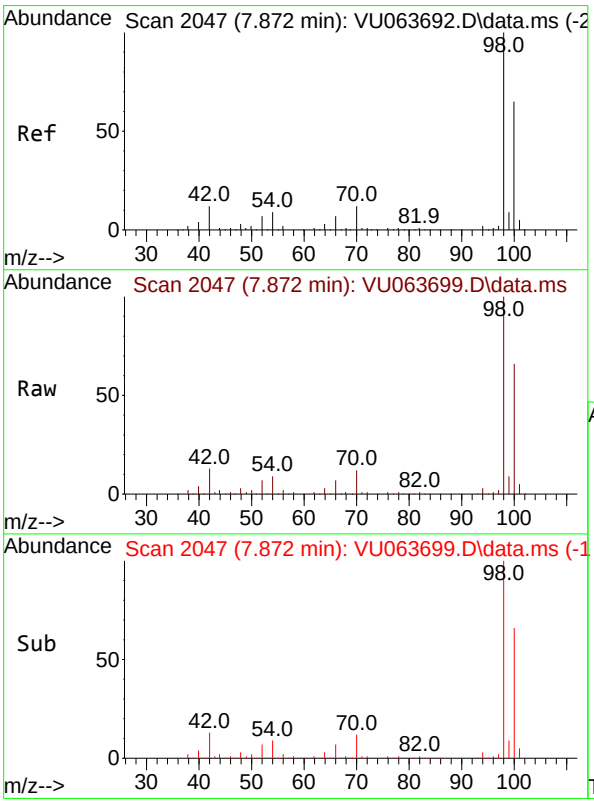
#38
Carbon Tetrachloride
Concen: 8.127 ug/l
RT: 5.341 min Scan# 1
Delta R.T. -0.151 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Tgt Ion:117 Resp: 18864

Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.1	114.1#
121	0.0	24.6	37.0#

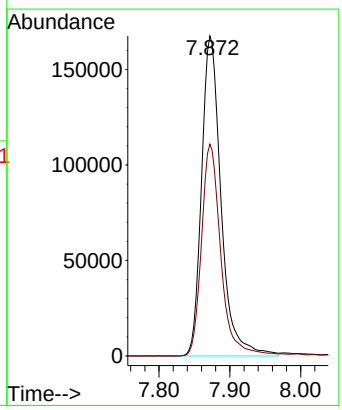


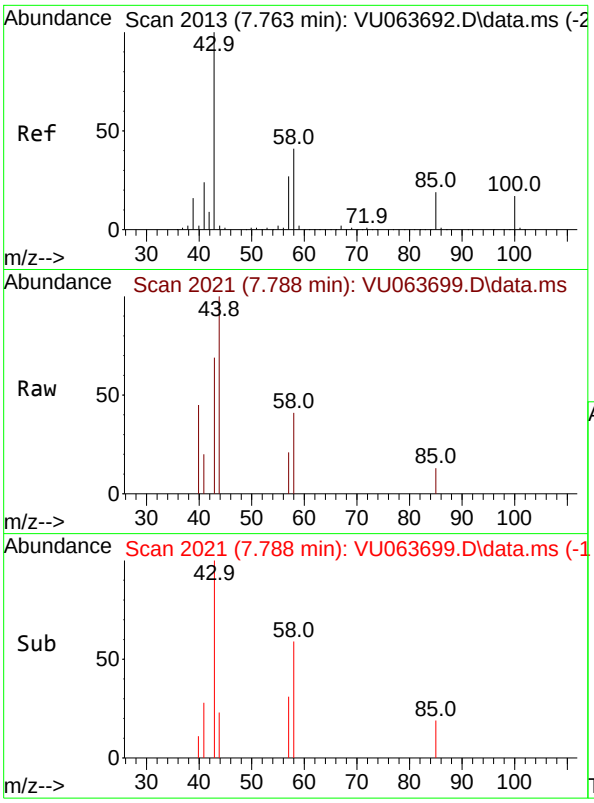


#50
Toluene-d8
Concen: 42.215 ug/l
RT: 7.872 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Tgt Ion: 98 Resp: 320008

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.5	78.7



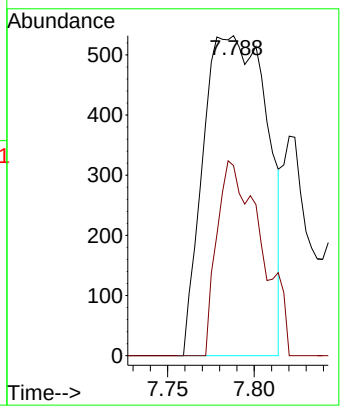


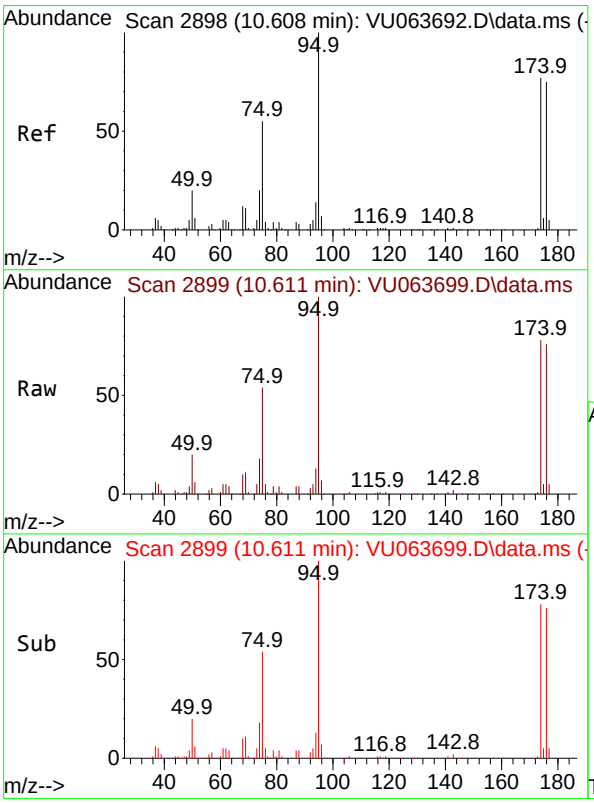
#51
4-Methyl-2-Pentanone
Concen: 0.399 ug/l
RT: 7.788 min Scan# 2
Delta R.T. 0.026 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Tgt Ion: 43 Resp: 1362

Ion	Ratio	Lower	Upper
43	100		
58	42.1	32.3	48.5

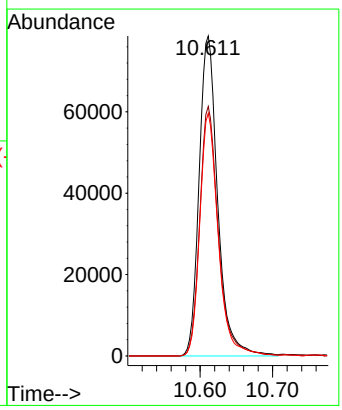


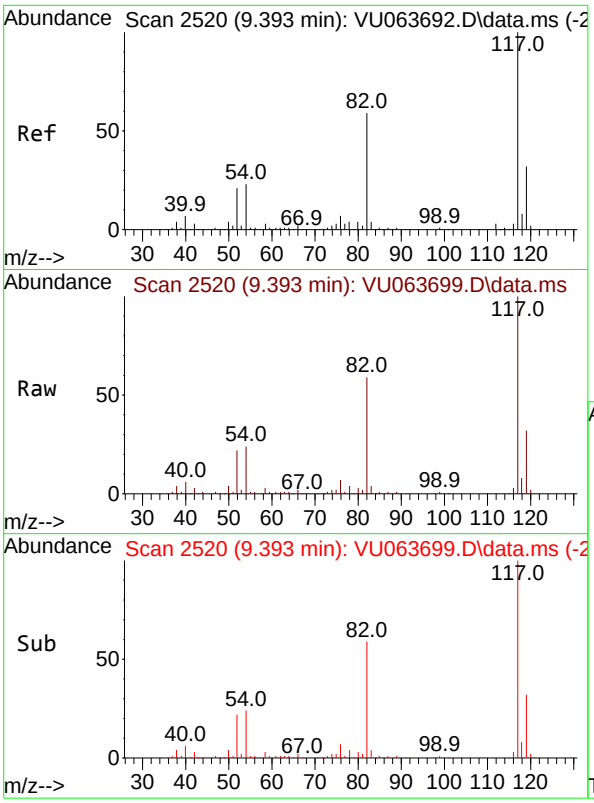


#62
4-Bromofluorobenzene
Concen: 44.703 ug/l
RT: 10.611 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Tgt Ion: 95 Resp: 140178

Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	154.6
176	75.2	0.0	148.4



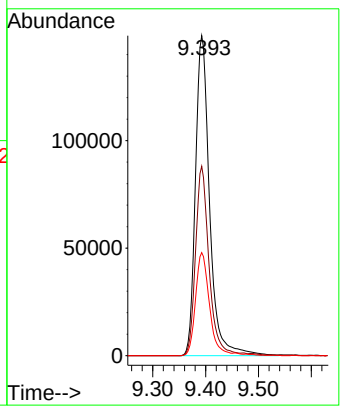


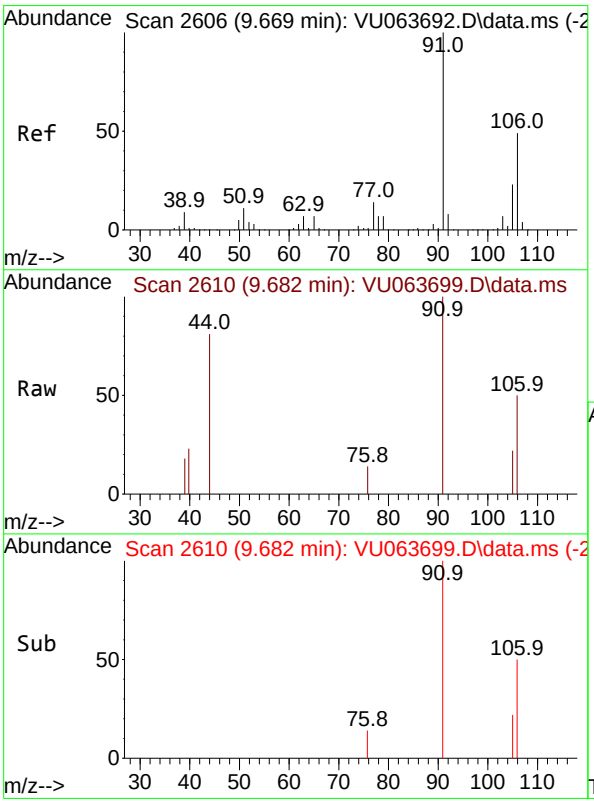
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.393 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Tgt Ion:117 Resp: 276875

Ion	Ratio	Lower	Upper
117	100		
82	59.2	46.9	70.3
119	32.2	25.8	38.8

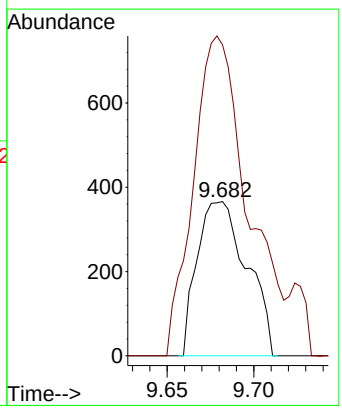


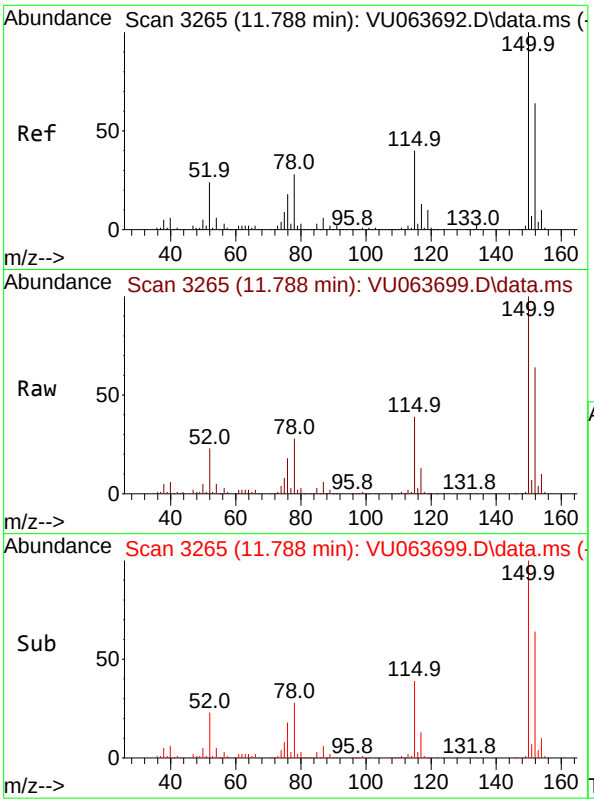


#68
m/p-Xylenes
Concen: 0.220 ug/l
RT: 9.682 min Scan# 2610
Delta R.T. 0.013 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Tgt Ion:106 Resp: 731

Ion	Ratio	Lower	Upper
106	100		
91	225.7	165.7	248.5



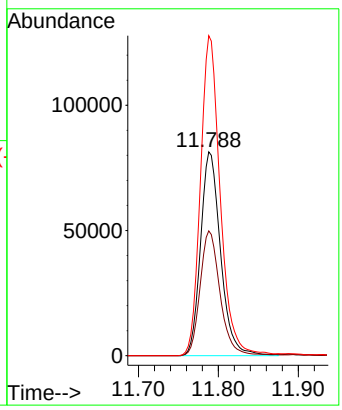


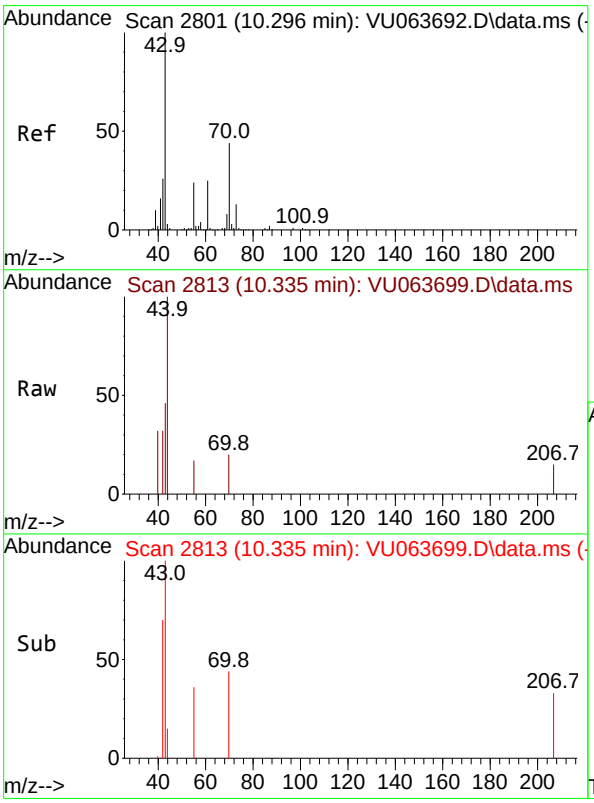
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.788 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Tgt Ion:152 Resp: 142071

Ion	Ratio	Lower	Upper
152	100		
115	61.1	41.0	123.0
150	155.3	0.0	342.2

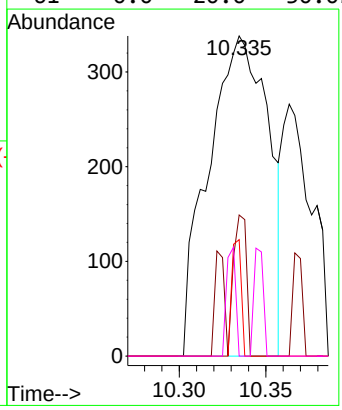


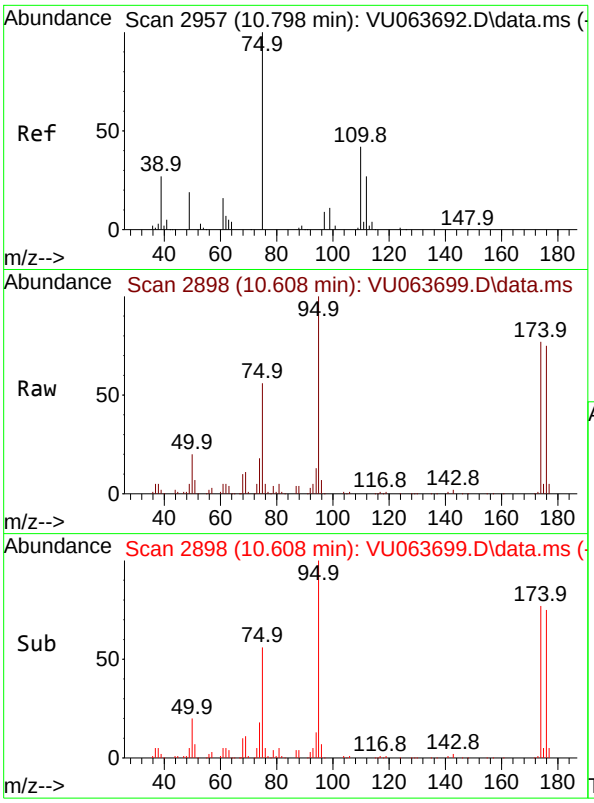


#74
N-amyl acetate
Concen: 0.262 ug/l
RT: 10.335 min Scan# 2813
Delta R.T. 0.038 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Tgt Ion: 43 Resp: 814

Ion	Ratio	Lower	Upper
43	100		
70	9.5	36.5	54.7#
55	5.8	20.6	30.8#
61	0.0	20.0	30.0#



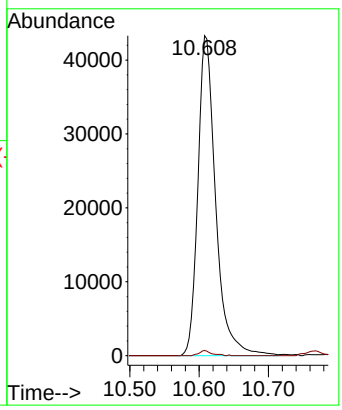


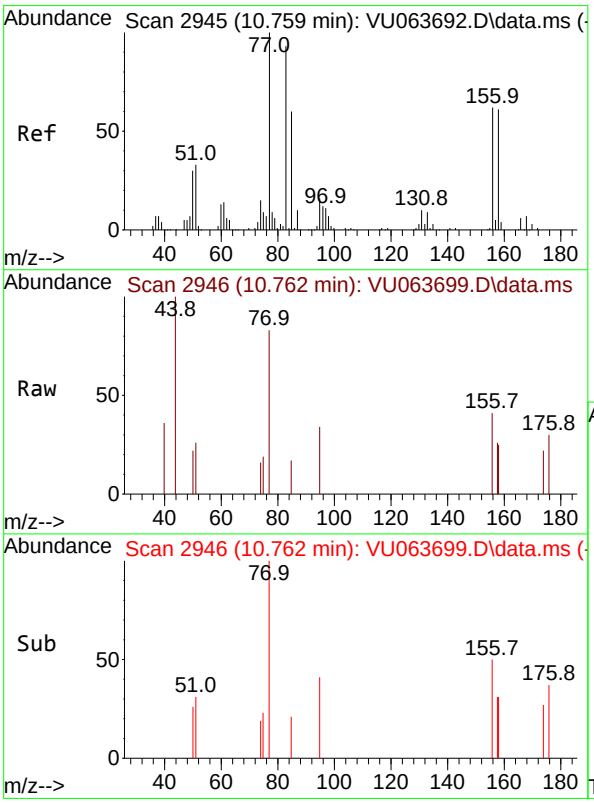
#76
1,2,3-Trichloropropane
Concen: 21.581 ug/l
RT: 10.608 min Scan# 2
Delta R.T. -0.190 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Tgt Ion: 75 Resp: 77264

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

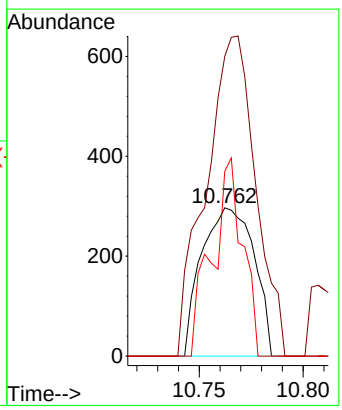


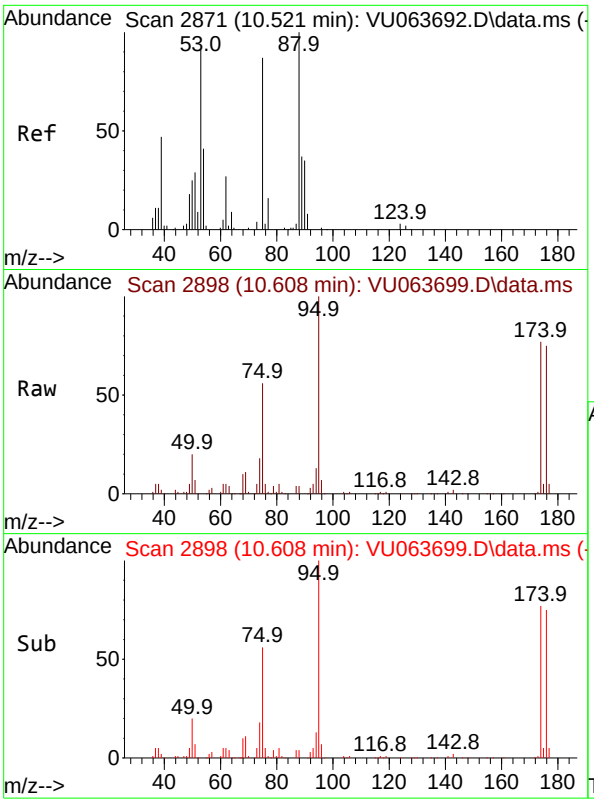


#77
Bromobenzene
Concen: 0.232 ug/l
RT: 10.762 min Scan# 2946
Delta R.T. 0.003 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Tgt Ion:156 Resp: 520

Ion	Ratio	Lower	Upper
156	100		
77	205.2	81.4	244.2
158	78.1	48.8	146.3



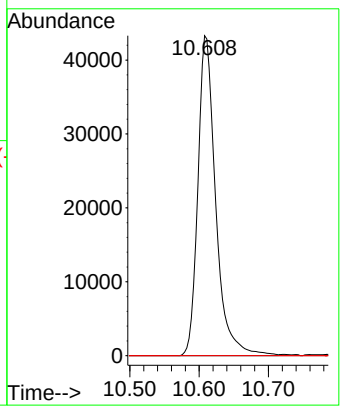


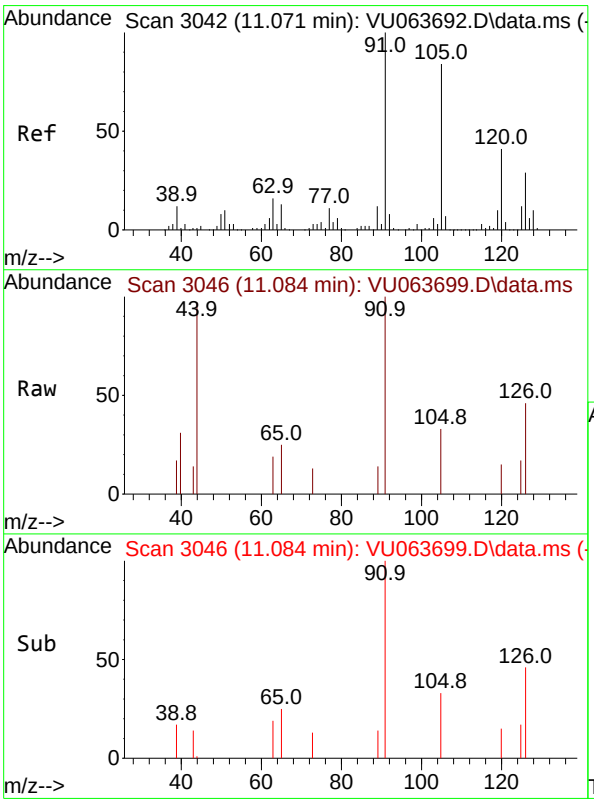
#81
trans-1,4-Dichloro-2-butene
Concen: 114.968 ug/l
RT: 10.608 min Scan# 2
Delta R.T. 0.087 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Tgt Ion: 75 Resp: 77264

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.5	129.7#
89	0.0	35.2	52.8#

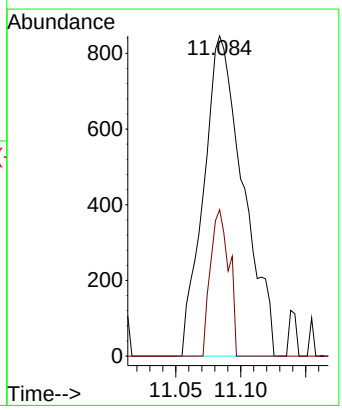


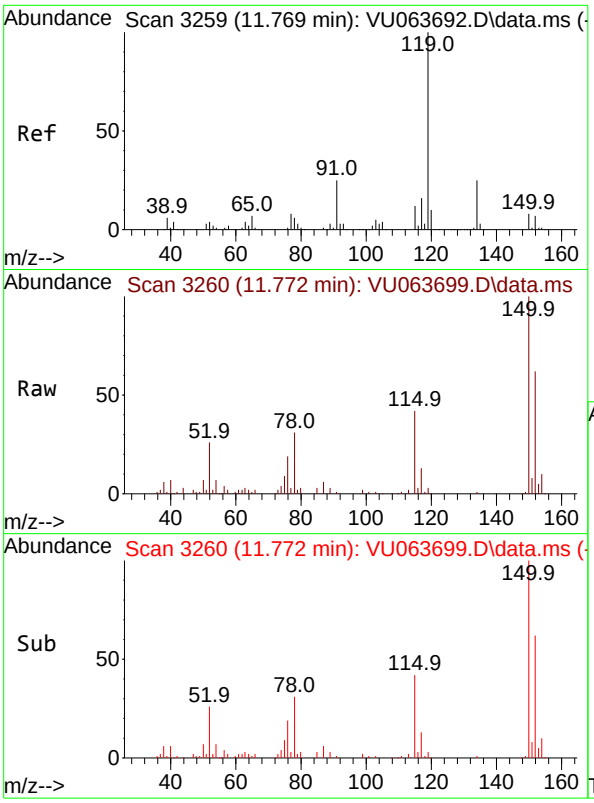


#82
4-Chlorotoluene
Concen: 0.238 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.013 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Tgt Ion: 91 Resp: 1789

Ion	Ratio	Lower	Upper
91	100		
126	21.4	14.2	42.8



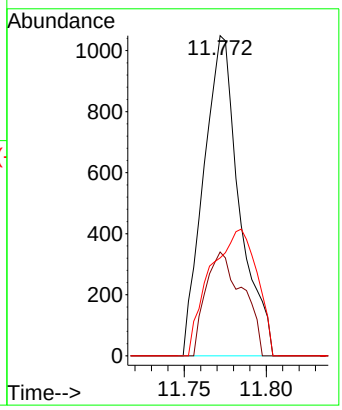


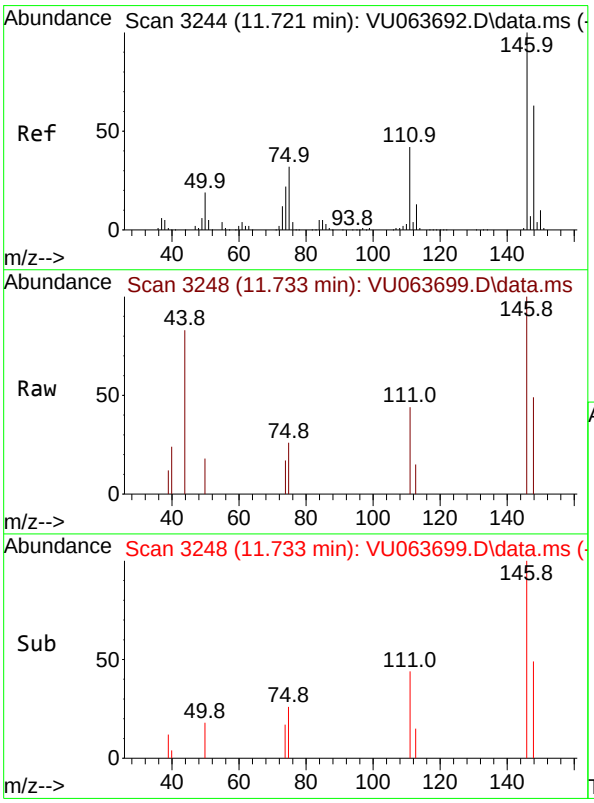
#86
p-Isopropyltoluene
Concen: 0.201 ug/l
RT: 11.772 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Tgt Ion:119 Resp: 1588

Ion	Ratio	Lower	Upper
119	100		
134	33.6	12.6	37.6
91	52.0	12.6	37.8#

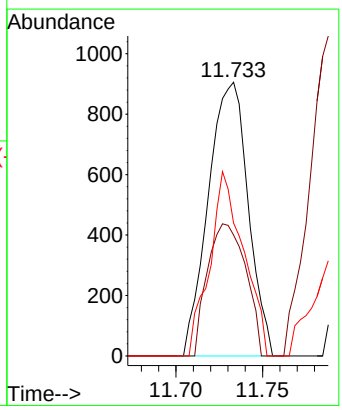


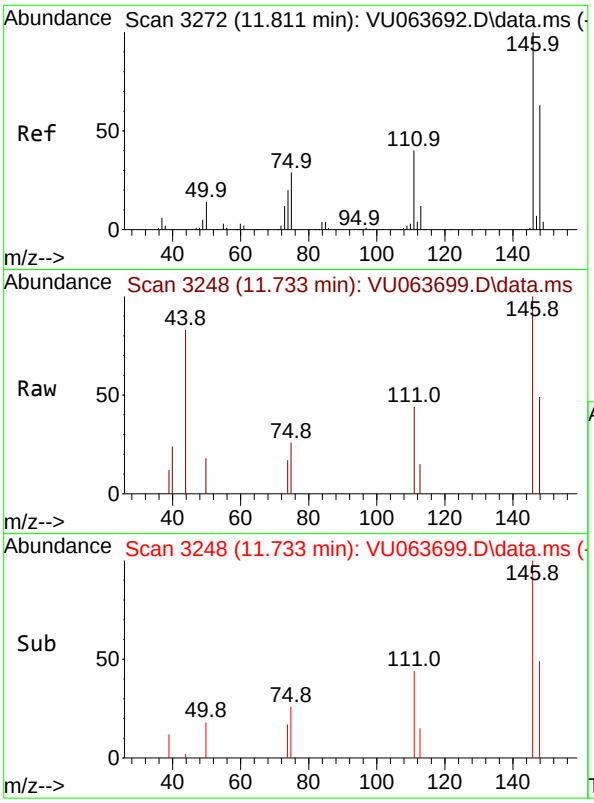


#87
1,3-Dichlorobenzene
Concen: 0.344 ug/l
RT: 11.733 min Scan# 3248
Delta R.T. 0.013 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Tgt Ion:146 Resp: 1451

Ion	Ratio	Lower	Upper
146	100		
111	46.4	20.6	61.8
148	57.3	31.8	95.4



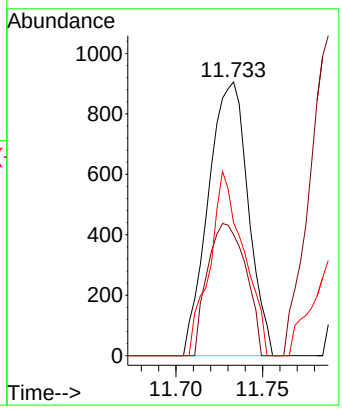


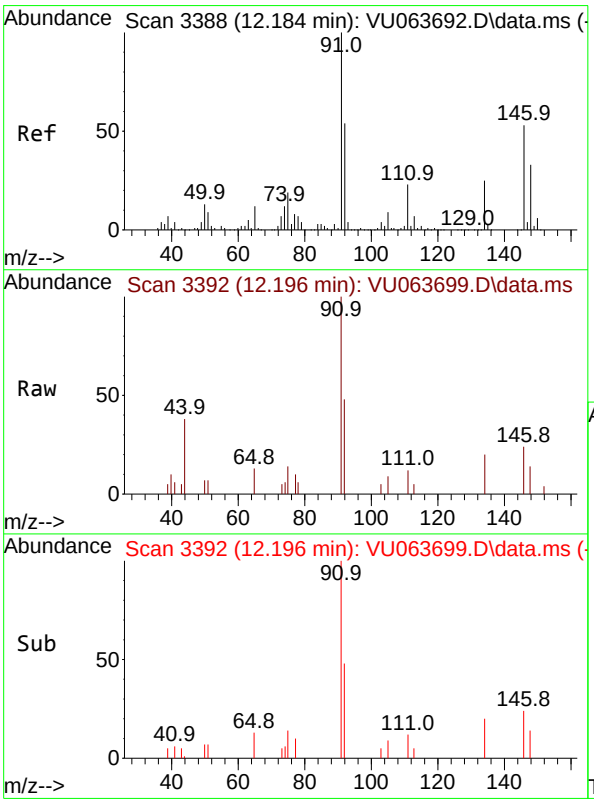
#88
1,4-Dichlorobenzene
Concen: 0.329 ug/l
RT: 11.733 min Scan# 3
Delta R.T. -0.077 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Tgt Ion:146 Resp: 1451

Ion	Ratio	Lower	Upper
146	100		
111	46.4	20.4	61.3
148	57.3	31.4	94.3

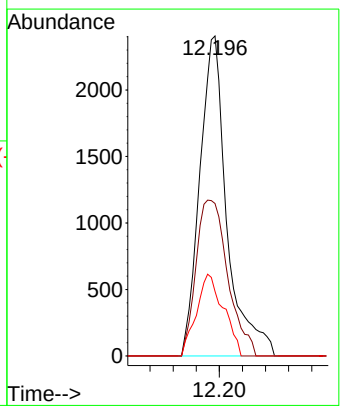


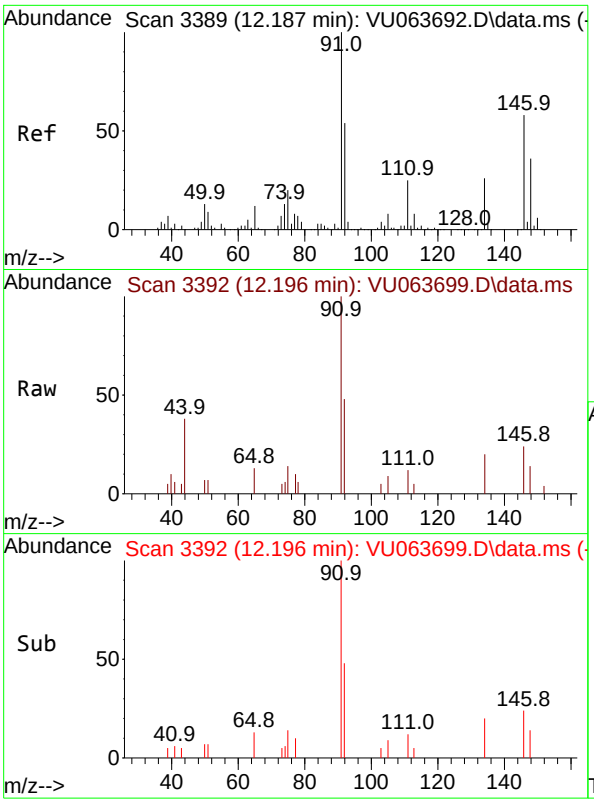


#89
n-Butylbenzene
Concen: 0.540 ug/l
RT: 12.196 min Scan# 3392
Delta R.T. 0.013 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Tgt Ion: 91 Resp: 3920

Ion	Ratio	Lower	Upper
91	100		
92	56.9	27.0	81.0
134	25.5	12.4	37.4



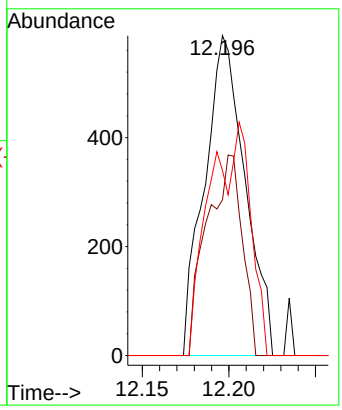


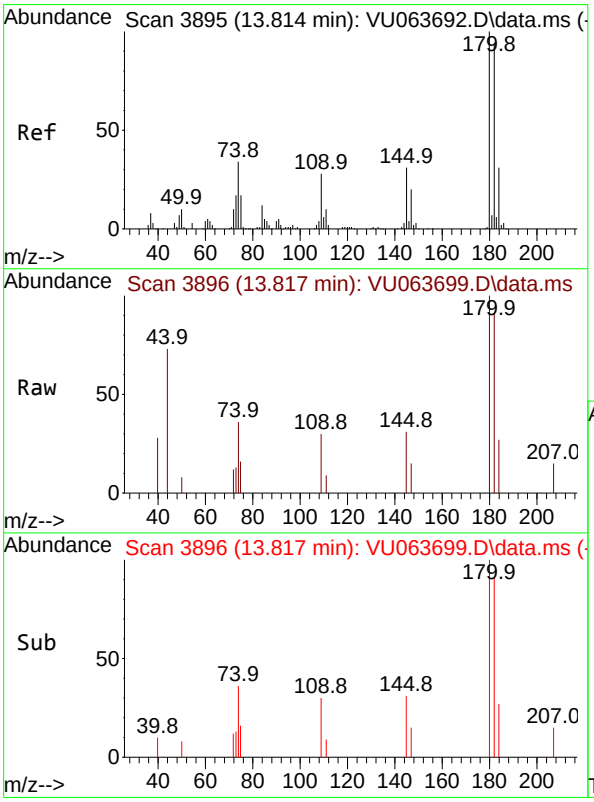
#91
1,2-Dichlorobenzene
Concen: 0.228 ug/l
RT: 12.196 min Scan# 3
Delta R.T. 0.009 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Tgt Ion:146 Resp: 959

Ion	Ratio	Lower	Upper
146	100		
111	54.4	21.8	65.3
148	39.3	31.6	94.7

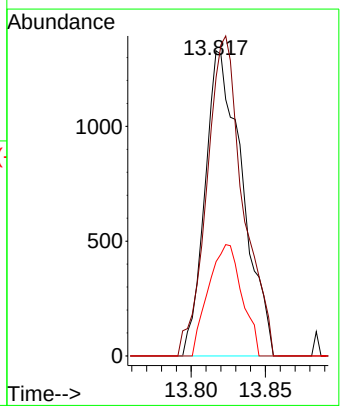


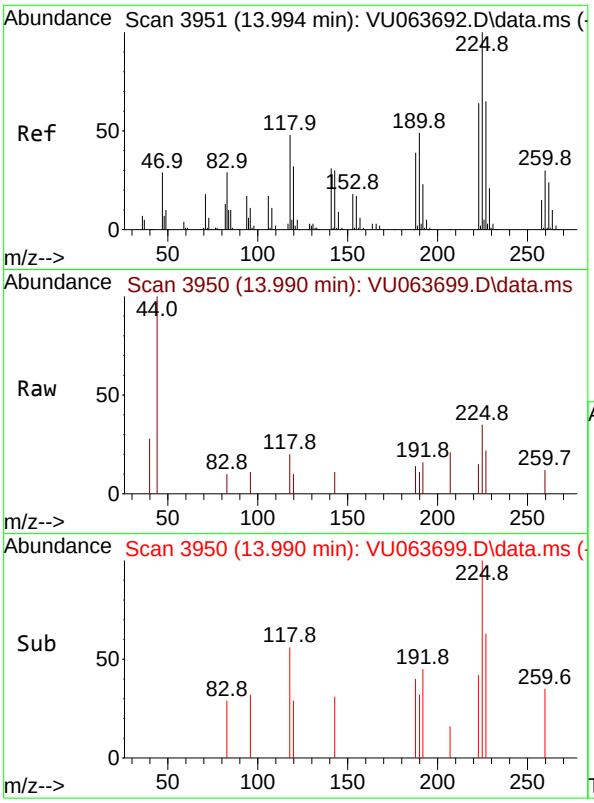


#93
1,2,4-Trichlorobenzene
Concen: 0.865 ug/l
RT: 13.817 min Scan# 3896
Delta R.T. 0.003 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Tgt Ion:180 Resp: 2324

Ion	Ratio	Lower	Upper
180	100		
182	101.5	47.6	142.9
145	32.7	15.9	47.6



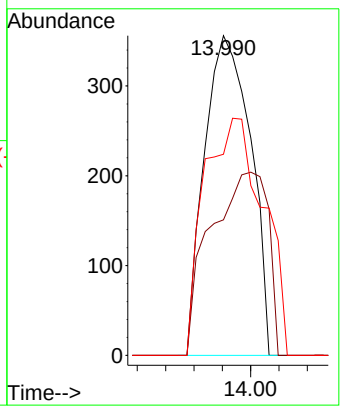


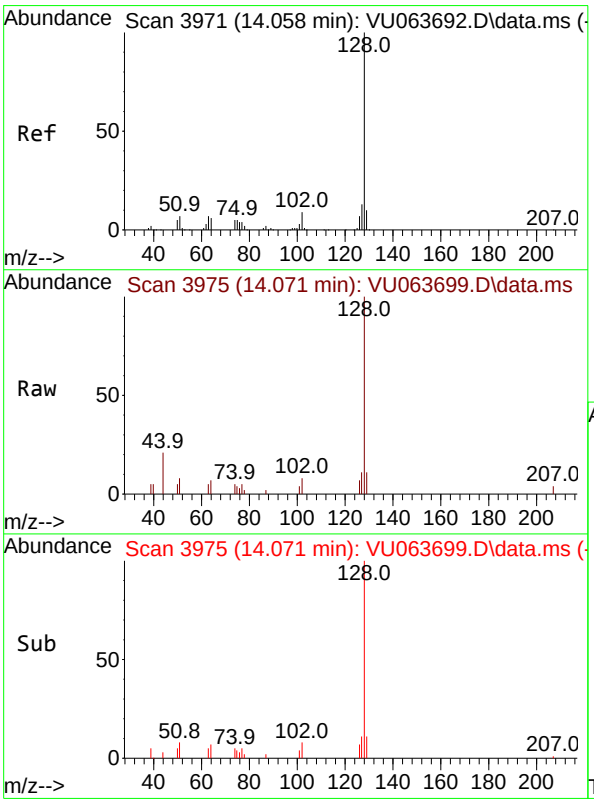
#94
Hexachlorobutadiene
Concen: 0.297 ug/l
RT: 13.990 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Tgt Ion:225 Resp: 402

Ion	Ratio	Lower	Upper
225	100		
223	71.4	31.6	94.8
227	94.8	32.4	97.0

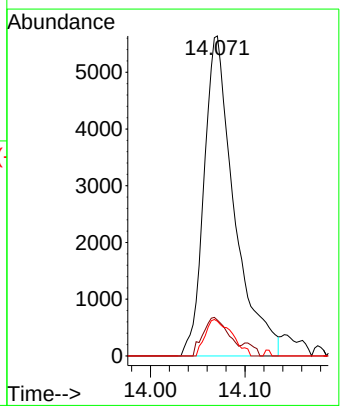


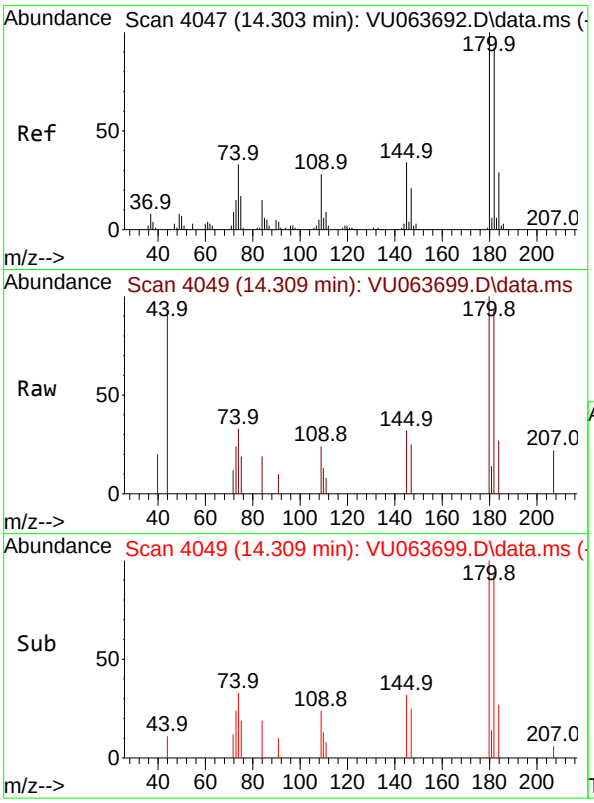


#95
Naphthalene
Concen: 1.718 ug/l
RT: 14.071 min Scan# 3975
Delta R.T. 0.013 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Tgt Ion:128 Resp: 12498

Ion	Ratio	Lower	Upper
128	100		
127	10.0	9.9	14.9
129	10.0	8.4	12.6





#96
1,2,3-Trichlorobenzene
Concen: 0.902 ug/l
RT: 14.309 min Scan# 4
Delta R.T. 0.006 min
Lab File: VU063699.D
Acq: 11 Nov 2025 11:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBL01

Tgt Ion:180 Resp: 2252

Ion	Ratio	Lower	Upper
180	100		
182	99.4	47.3	142.0
145	18.3	16.6	49.7