Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023529.D
Acq On : 21 Oct 2025 12:38
Operator : SY/MD
Sample : Q3393-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Quant Time: Oct 24 01:36:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	730515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1210975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1010042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	384650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	328658	53.802	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.600%			
35) Dibromofluoromethane	7.640	113	377689	50.759	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.520%			
50) Toluene-d8	10.109	98	1429858	51.600	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.200%			
62) 4-Bromofluorobenzene	12.408	95	413105	45.155	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.300%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.860	59	1251	2.753	ug/l #	72
13) Acrolein	3.671	56	779	1.213	ug/l #	15
16) Acetone	3.873	43	60146	41.358	ug/l	96
17) Carbon Disulfide	4.110	76	26755	1.435	ug/l	99
20) Methylene Chloride	4.616	84	12412	1.578	ug/l #	81
25) 2-Butanone	6.902	43	21069	11.867	ug/l	90
31) Cyclohexane	7.707	56	16812	1.654	ug/l #	21
36) 1,1-Dichloropropene	7.707	75	46443	4.715	ug/l #	49
37) Ethyl Acetate	6.902	43	21069	5.399	ug/l #	79
38) Carbon Tetrachloride	7.713	117	65342	5.470	ug/l #	17
39) Methylcyclohexane	9.109	83	125865	9.813	ug/l #	88
43) Isopropyl Acetate	8.183	43	10889	1.399	ug/l #	56
48) Methyl methacrylate	9.170	41	25424	6.954	ug/l #	38
51) 4-Methyl-2-Pentanone	10.103	43	25093	6.241	ug/l	98
55) 1,1,2-Trichloroethane	10.548	97	108632	18.540	ug/l #	24
56) Ethyl methacrylate	10.451	69	34456	5.098	ug/l #	3
59) 2-Hexanone	10.731	43	186029	64.743	ug/l #	25
74) N-amyl acetate	12.048	43	303907	66.748	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.475	83	33776	8.147	ug/l #	26
76) 1,2,3-Trichloropropane	12.408	75	186427	54.934	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	186427	134.709	ug/l #	18
84) 1,2,4-Trimethylbenzene	13.042	105	45201	2.211	ug/l	98
90) Hexachloroethane	13.889	117	6363	1.281	ug/l #	10
96) 1,2,3-Trichlorobenzene	15.352	180	10882	1.752	ug/l #	12

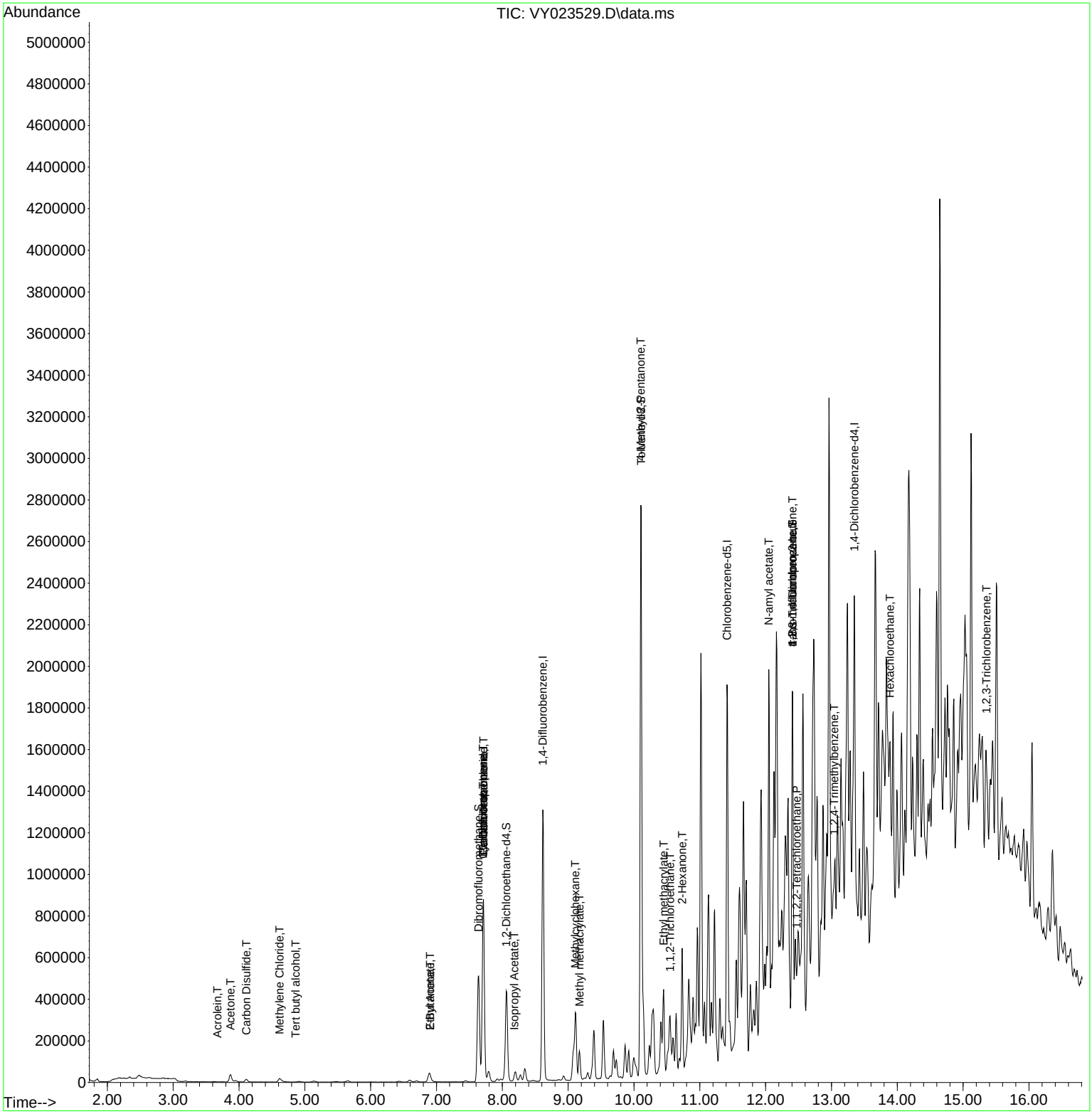
(#) = qualifier out of range (m) = manual integration (+) = signals summed

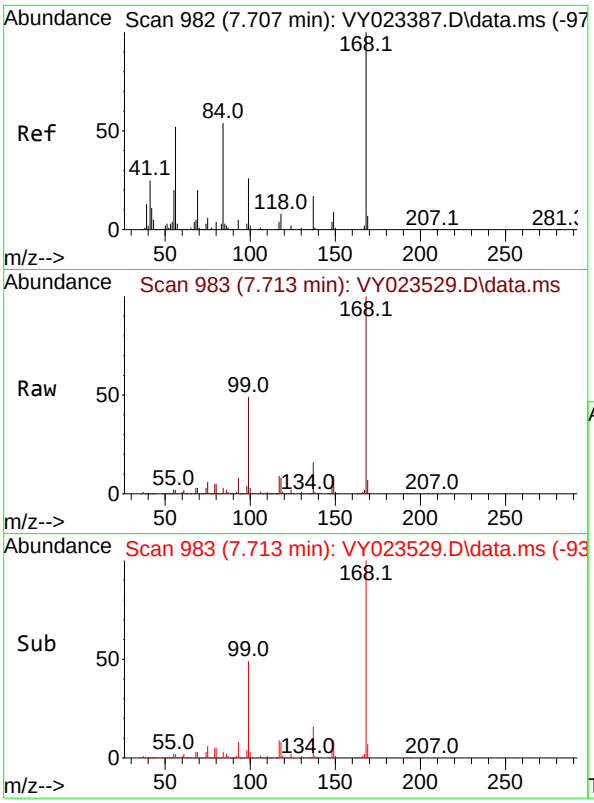
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023529.D
Acq On : 21 Oct 2025 12:38
Operator : SY/MD
Sample : Q3393-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Quant Time: Oct 24 01:36:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



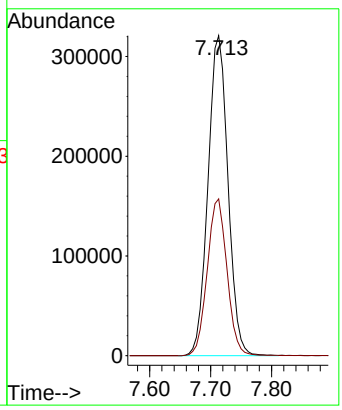


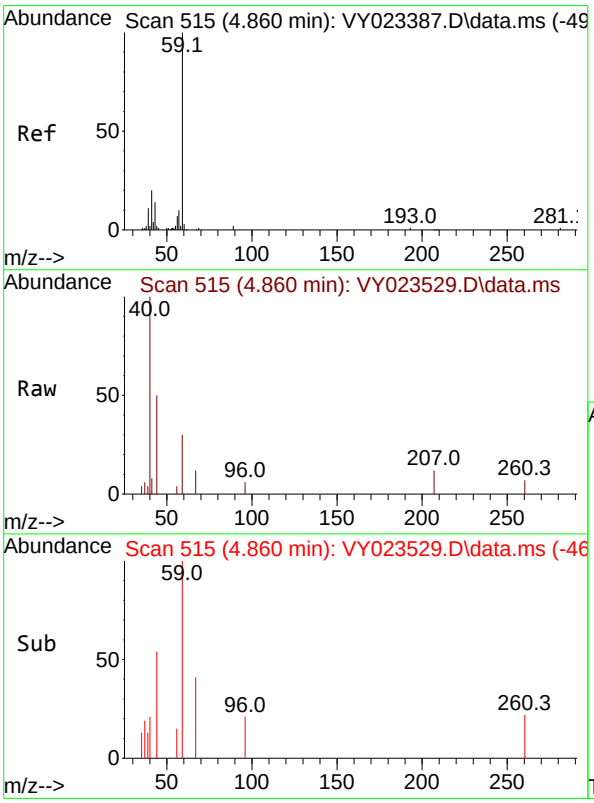
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Tgt Ion:168 Resp: 730515

Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.7	59.5

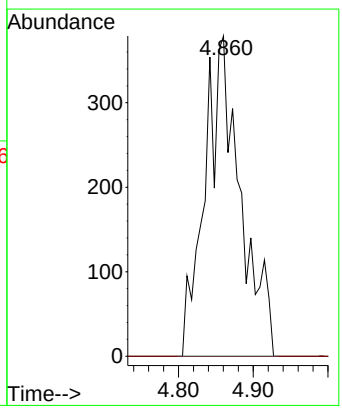


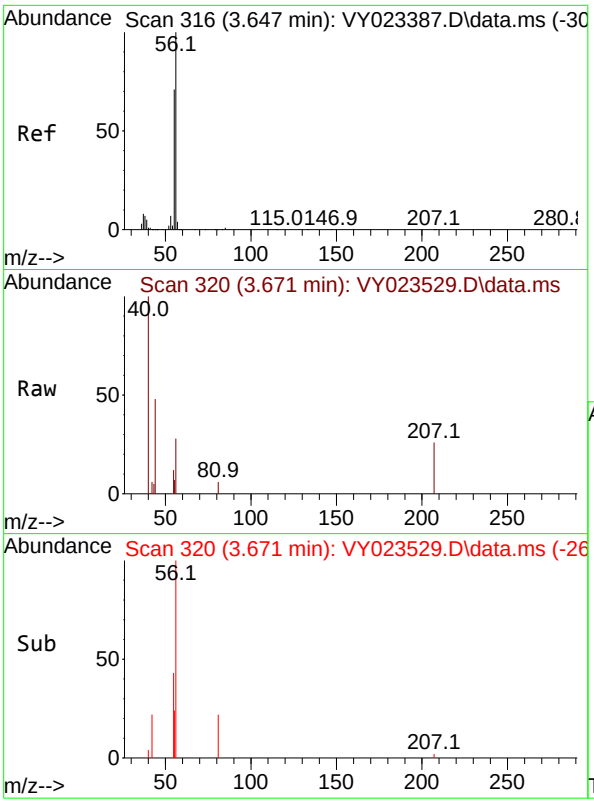


#11
Tert butyl alcohol
Concen: 2.753 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Tgt Ion: 59 Resp: 1251

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



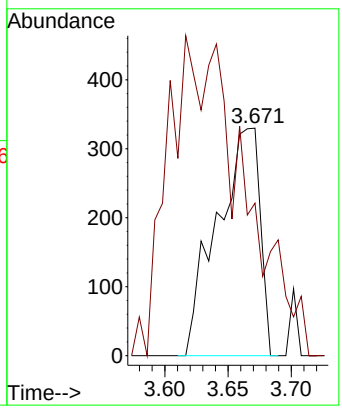


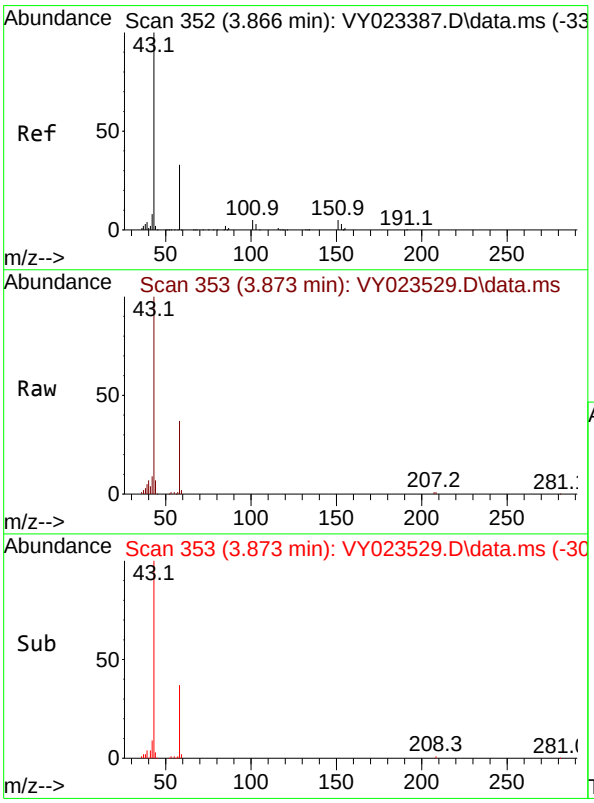
#13
Acrolein
Concen: 1.213 ug/l
RT: 3.671 min Scan# 3
Delta R.T. 0.024 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Tgt Ion: 56 Resp: 779

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.1	84.1#

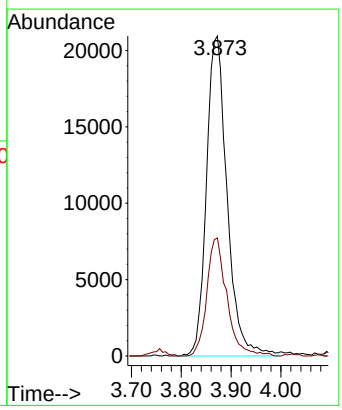


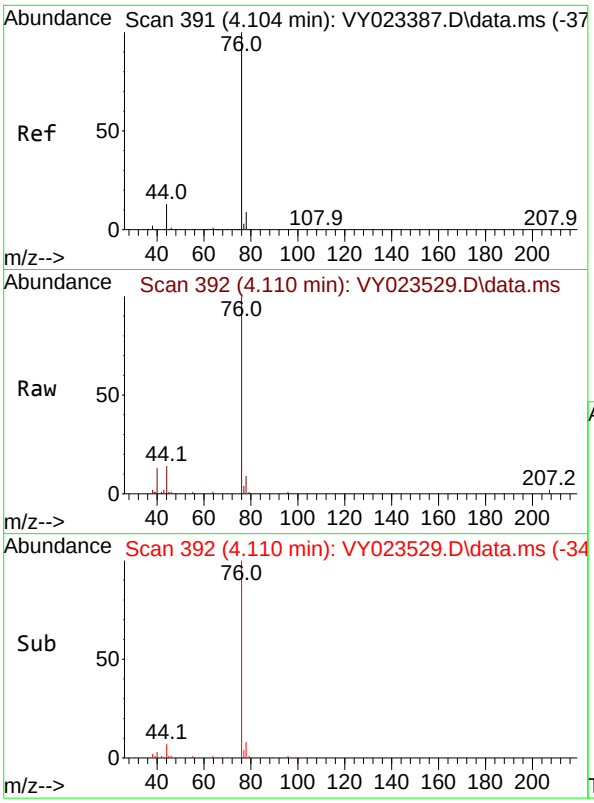


#16
Acetone
Concen: 41.358 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Tgt Ion: 43 Resp: 60146

Ion	Ratio	Lower	Upper
43	100		
58	36.9	27.7	41.5



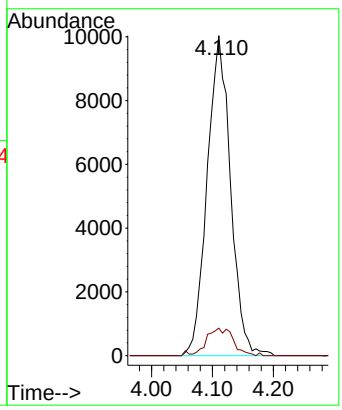


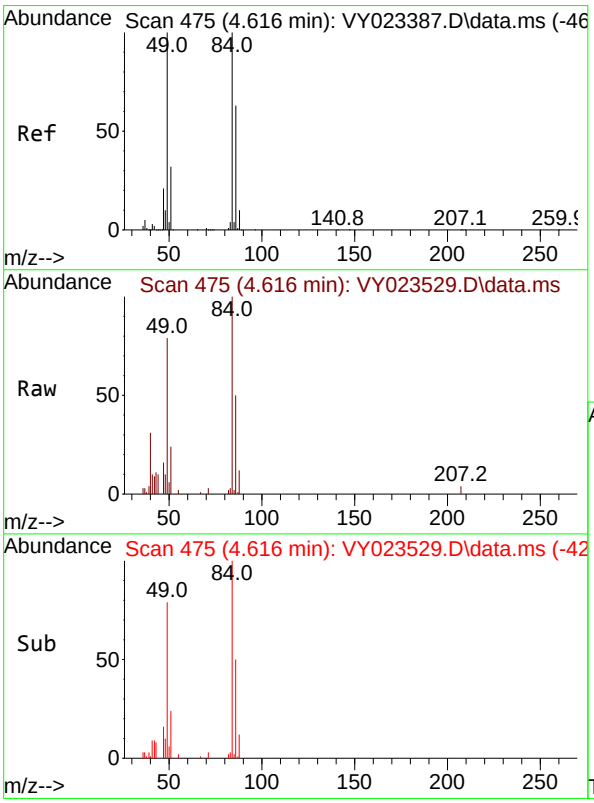
#17
Carbon Disulfide
Concen: 1.435 ug/l
RT: 4.110 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Tgt Ion: 76 Resp: 26755

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.3	10.9

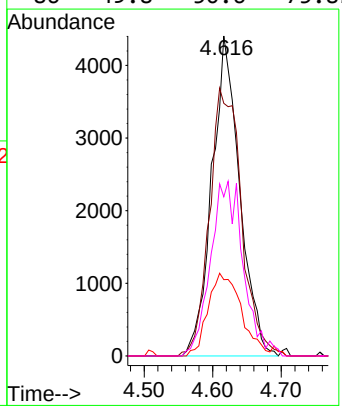


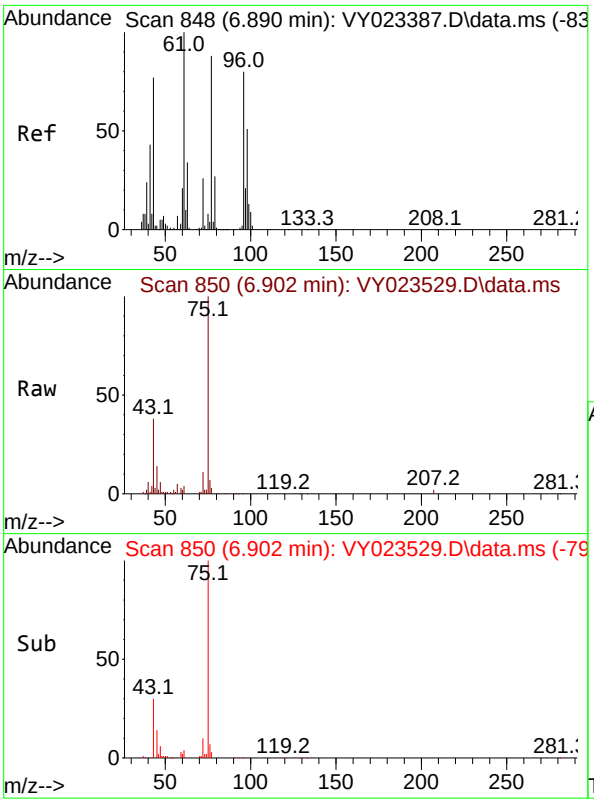


#20
Methylene Chloride
Concen: 1.578 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Tgt Ion: 84 Resp: 12412

Ion	Ratio	Lower	Upper
84	100		
49	78.9	80.2	120.4#
51	23.9	25.9	38.9#
86	49.8	50.6	75.8#



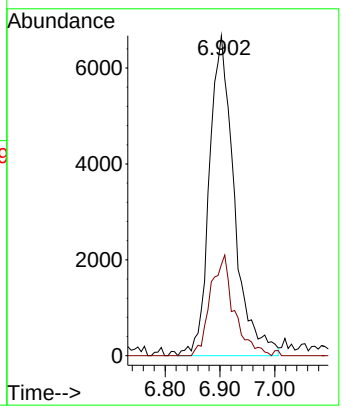


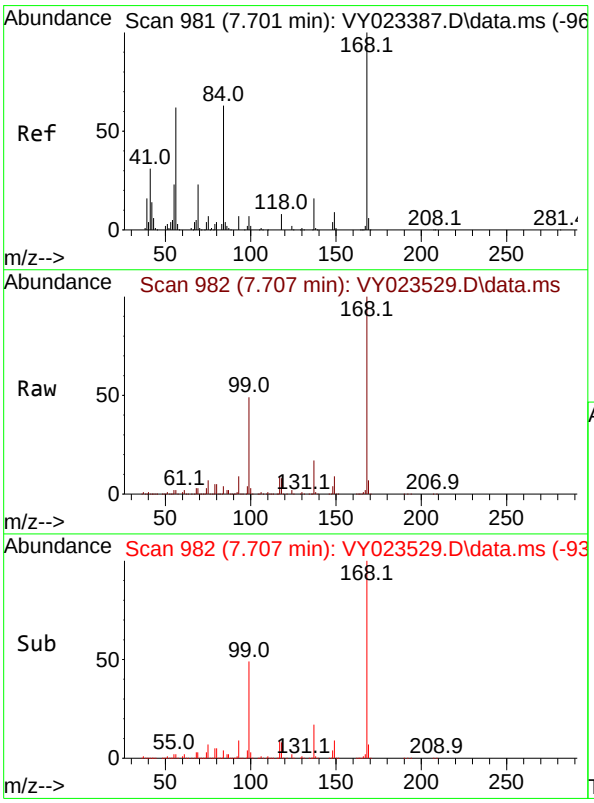
#25
2-Butanone
Concen: 11.867 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.012 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Tgt Ion: 43 Resp: 21069

Ion	Ratio	Lower	Upper
43	100		
72	28.5	27.4	41.2

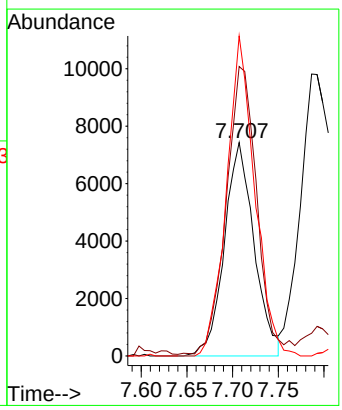


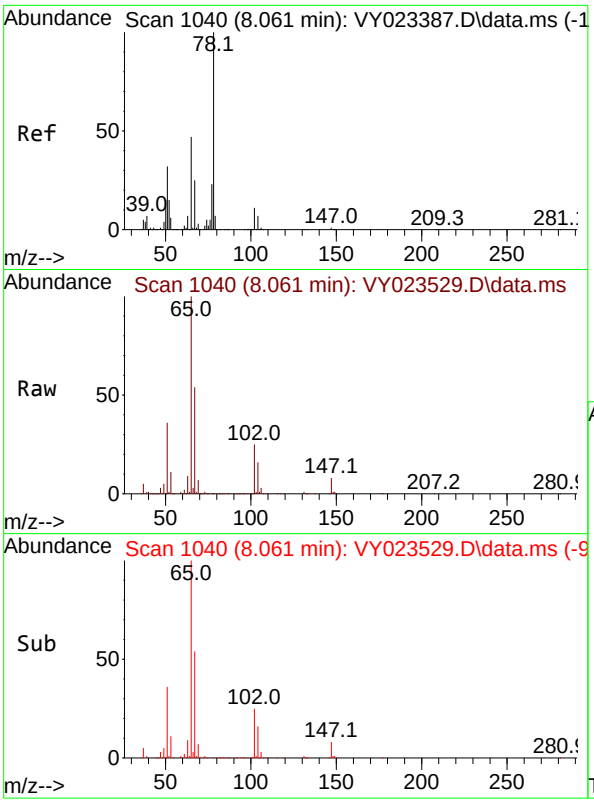


#31
Cyclohexane
Concen: 1.654 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Tgt Ion: 56 Resp: 16812

Ion	Ratio	Lower	Upper
56	100		
69	134.8	30.0	45.0#
84	149.9	81.2	121.8#



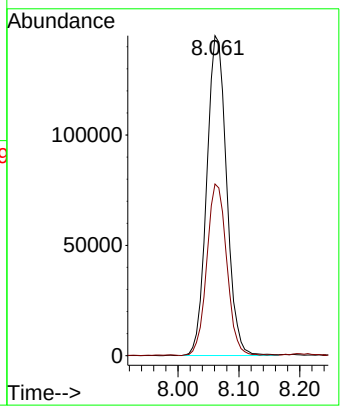


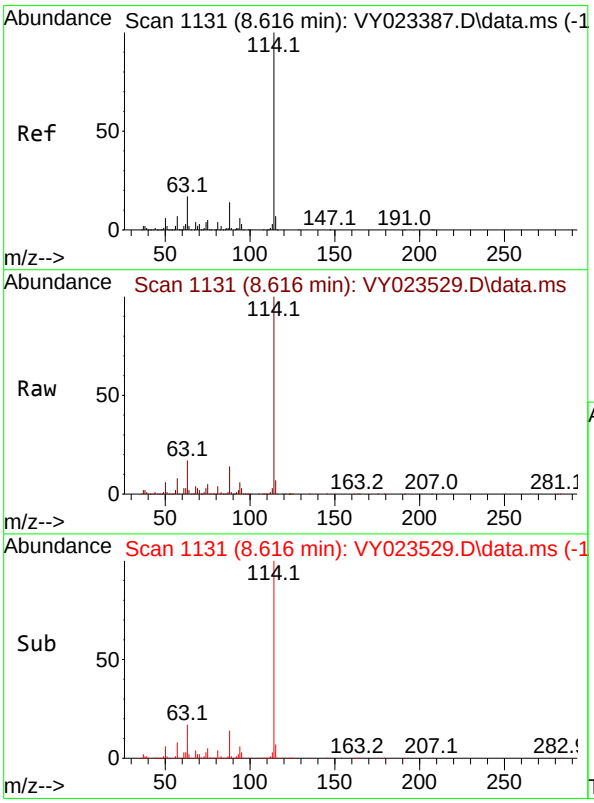
#33
1,2-Dichloroethane-d4
Concen: 53.802 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Tgt Ion: 65 Resp: 328658

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	105.8

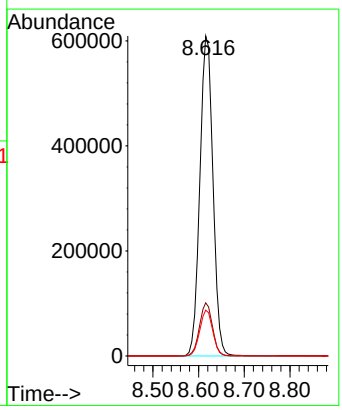


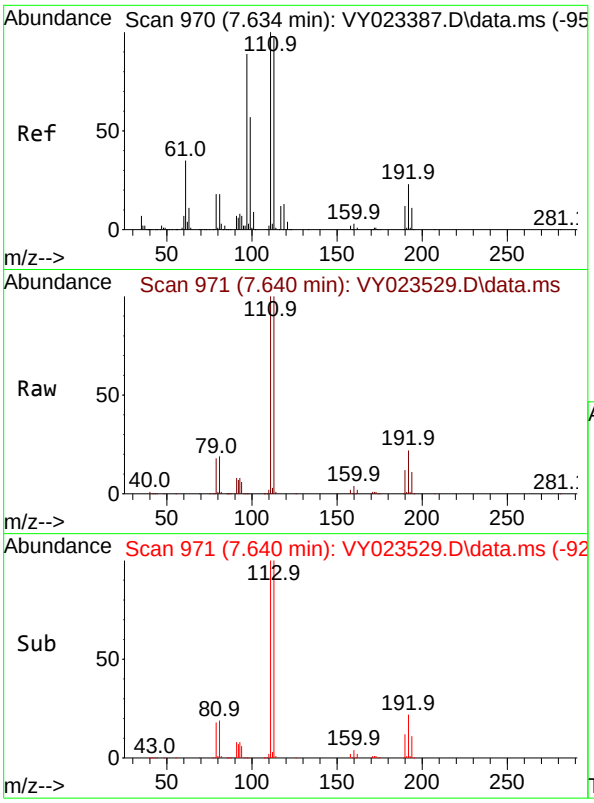


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Tgt Ion:114 Resp: 1210975

Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	34.2
88	14.3	0.0	28.4



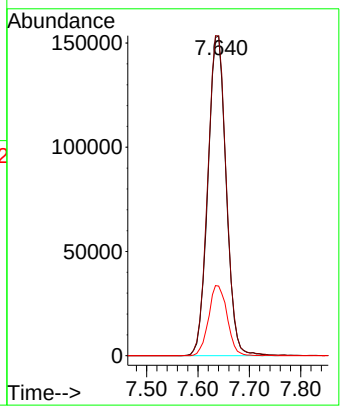


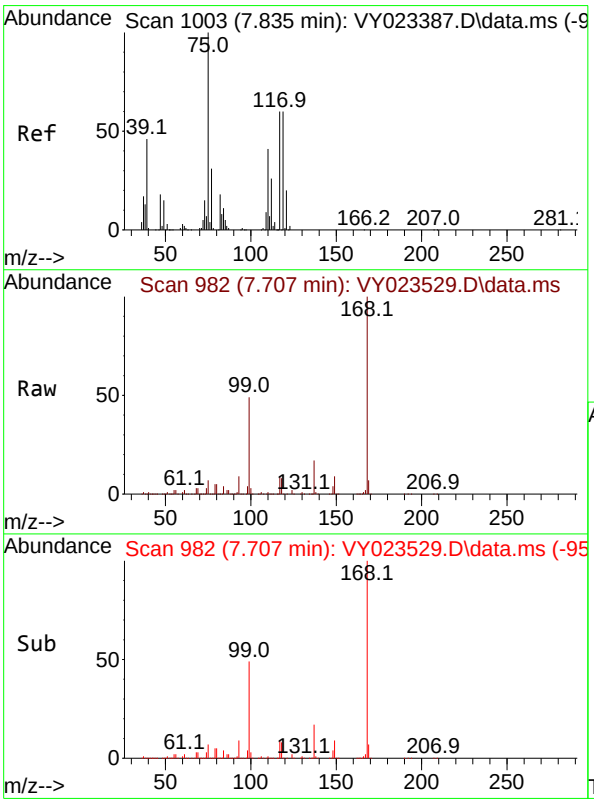
#35
Dibromofluoromethane
Concen: 50.759 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Tgt Ion:113 Resp: 377689

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.6
192	22.4	18.0	27.0

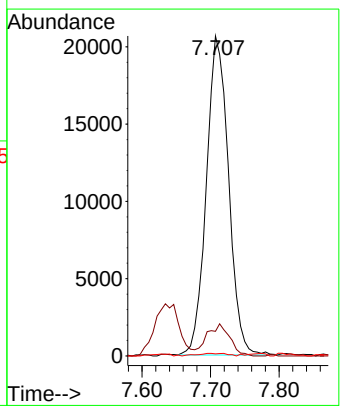


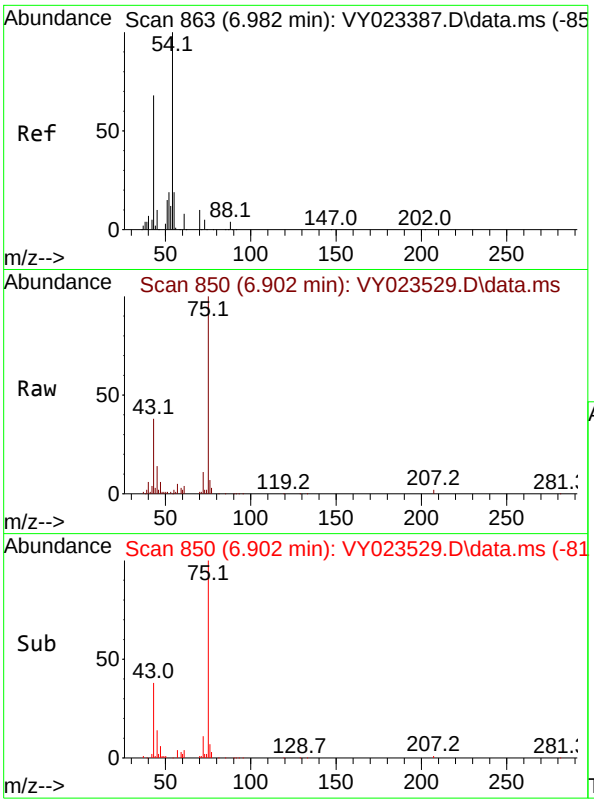


#36
1,1-Dichloropropene
Concen: 4.715 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Tgt Ion: 75 Resp: 46443

Ion	Ratio	Lower	Upper
75	100		
110	10.3	19.9	59.7#
77	1.1	25.0	37.6#



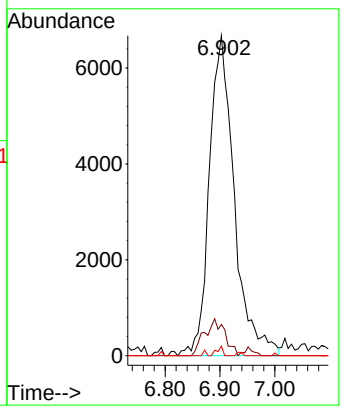


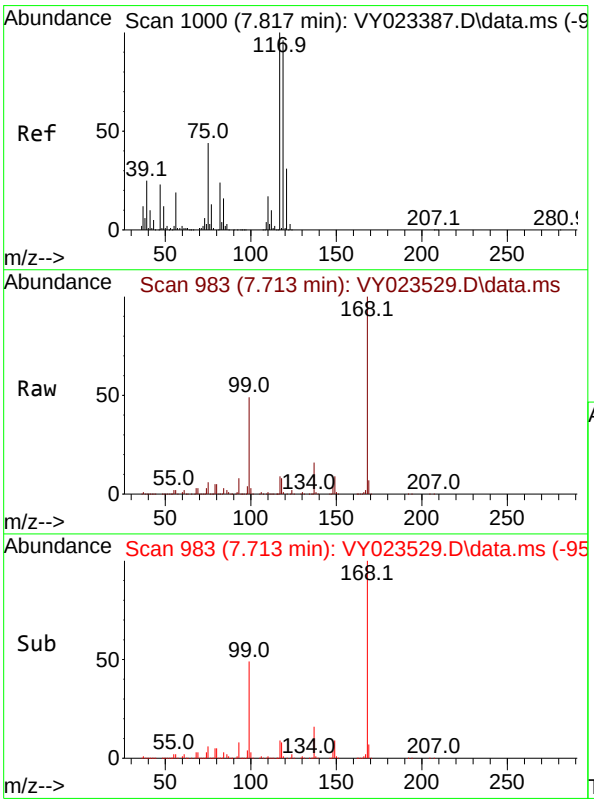
#37
Ethyl Acetate
Concen: 5.399 ug/l
RT: 6.902 min Scan# 8
Delta R.T. -0.079 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Tgt Ion: 43 Resp: 21069

Ion	Ratio	Lower	Upper
43	100		
61	9.4	11.8	17.8#
70	0.7	10.5	15.7#

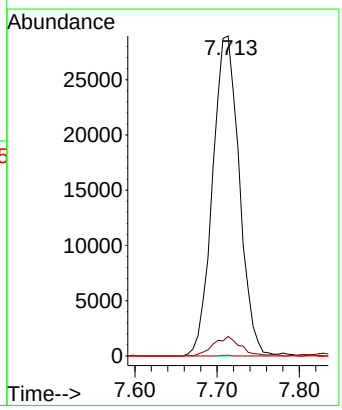


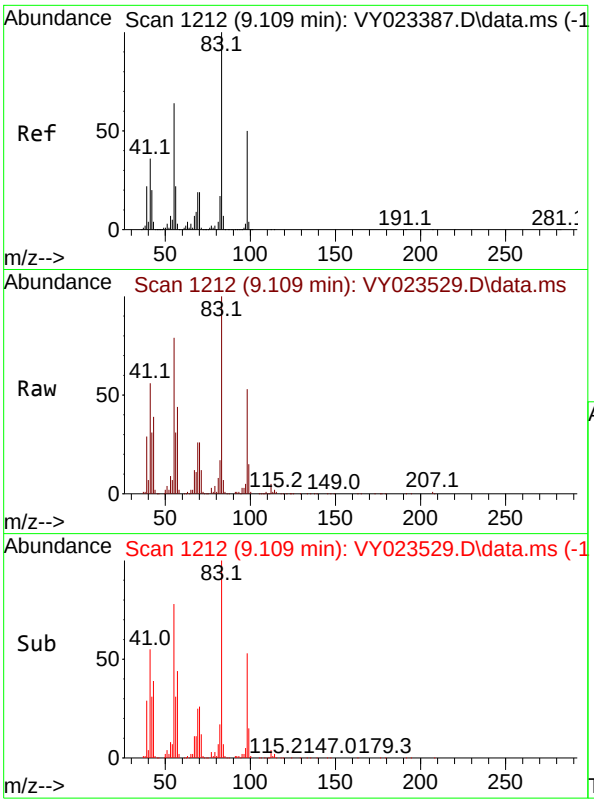


#38
Carbon Tetrachloride
Concen: 5.470 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.104 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Tgt Ion:117 Resp: 65342

Ion	Ratio	Lower	Upper
117	100		
119	6.1	76.8	115.2#
121	0.2	24.5	36.7#



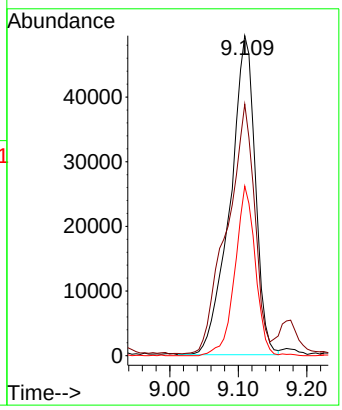


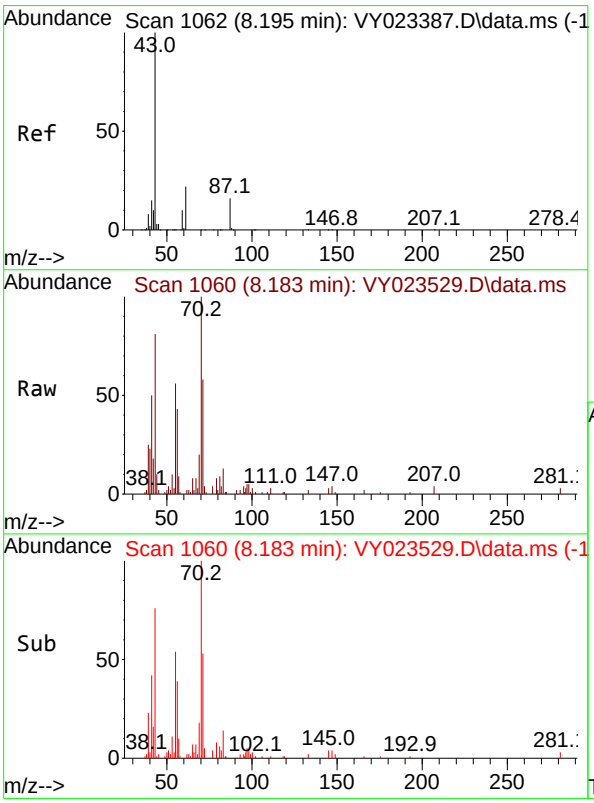
#39
Methylcyclohexane
Concen: 9.813 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Tgt Ion: 83 Resp: 125865

Ion	Ratio	Lower	Upper
83	100		
55	78.2	51.4	77.2#
98	53.2	40.4	60.6

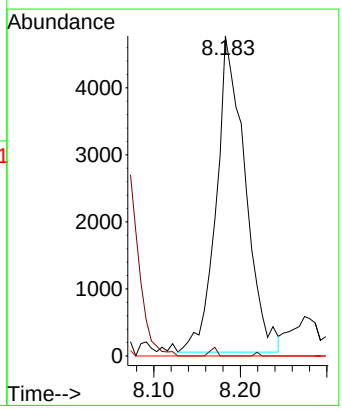


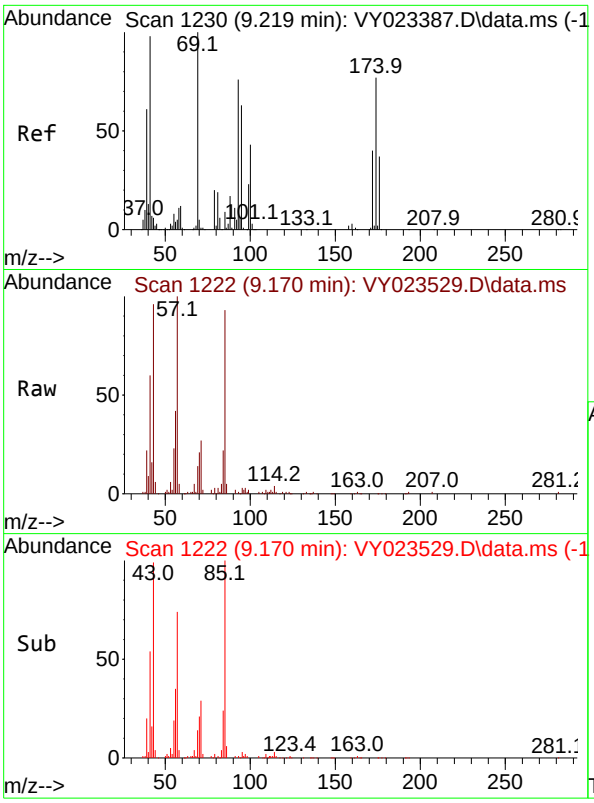


#43
Isopropyl Acetate
Concen: 1.399 ug/l
RT: 8.183 min Scan# 1060
Delta R.T. -0.012 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Tgt Ion: 43 Resp: 10889

Ion	Ratio	Lower	Upper
43	100		
61	0.0	18.1	27.1#
87	0.0	13.5	20.3#



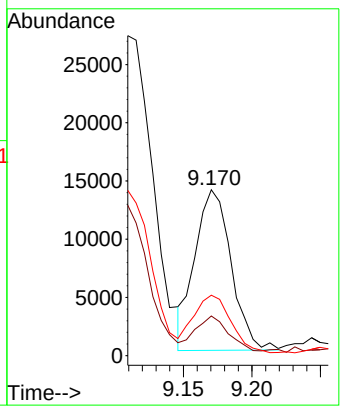


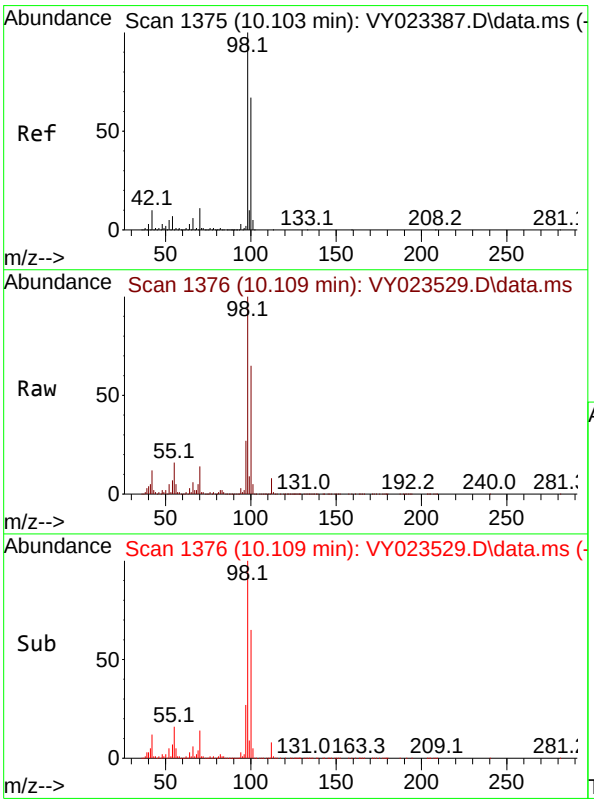
#48
Methyl methacrylate
Concen: 6.954 ug/l
RT: 9.170 min Scan# 1
Delta R.T. -0.049 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Tgt Ion: 41 Resp: 25424

Ion	Ratio	Lower	Upper
41	100		
69	19.5	81.0	121.4#
39	38.1	48.2	72.4#

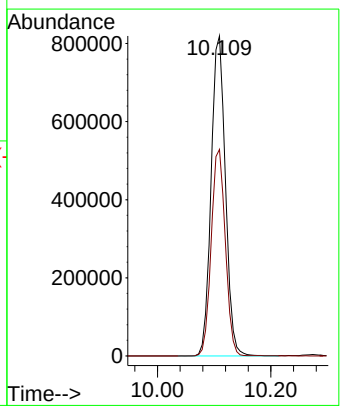


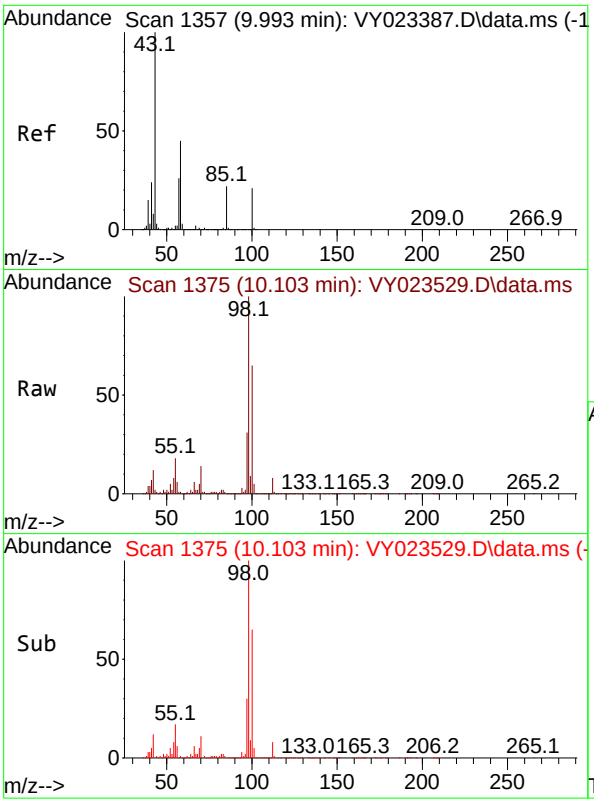


#50
Toluene-d8
Concen: 51.600 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Tgt Ion: 98 Resp: 1429858

Ion	Ratio	Lower	Upper
98	100		
100	63.9	53.0	79.4



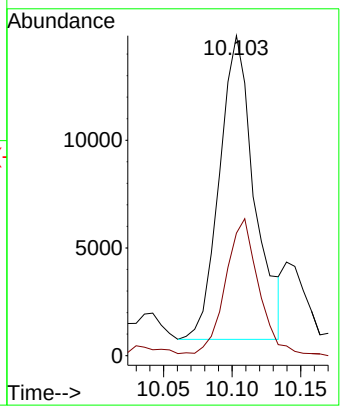


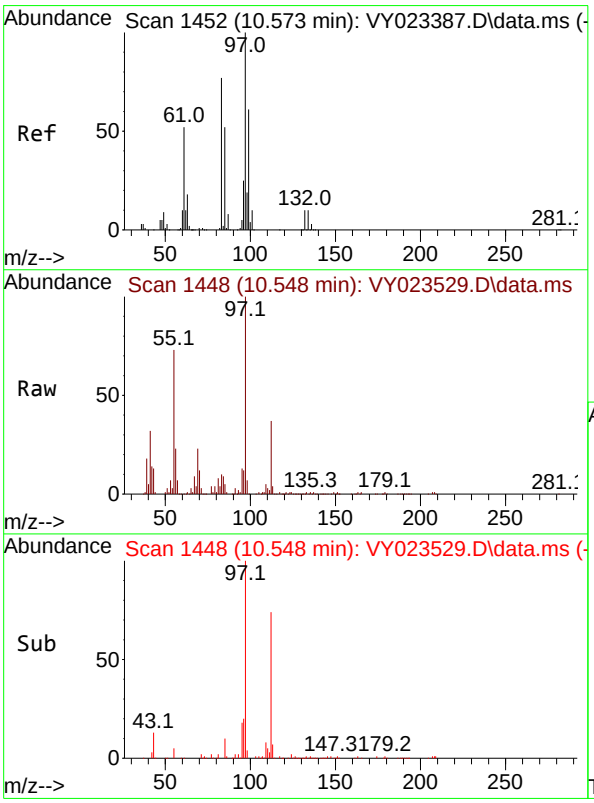
#51
4-Methyl-2-Pentanone
Concen: 6.241 ug/l
RT: 10.103 min Scan# 1
Delta R.T. 0.110 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Tgt Ion: 43 Resp: 25093

Ion	Ratio	Lower	Upper
43	100		
58	42.9	35.3	52.9

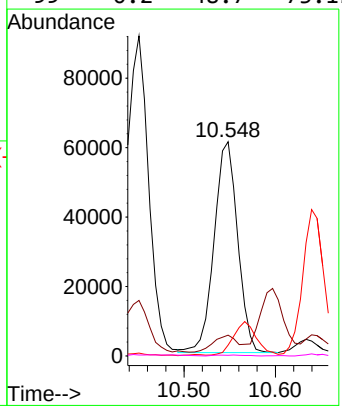


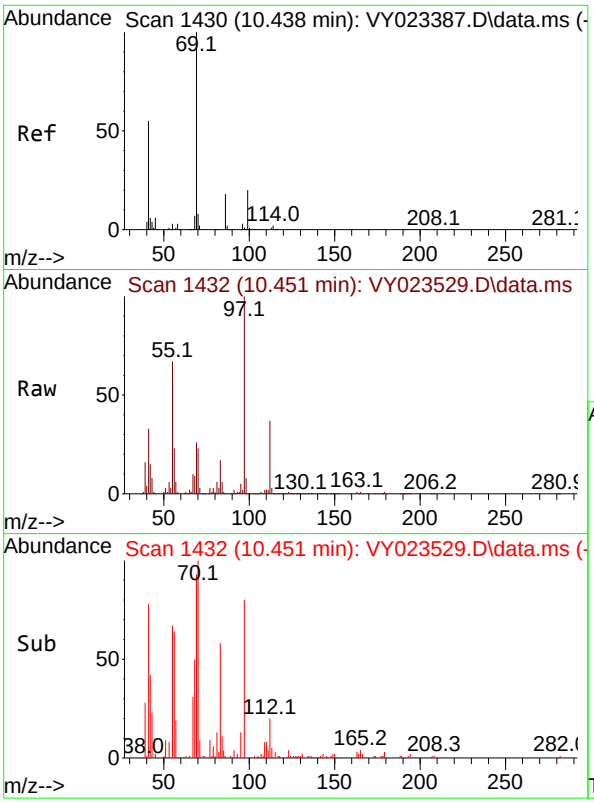


#55
1,1,2-Trichloroethane
Concen: 18.540 ug/l
RT: 10.548 min Scan# 1448
Delta R.T. -0.024 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Tgt Ion: 97 Resp: 108632

Ion	Ratio	Lower	Upper
97	100		
83	7.4	61.8	92.6#
85	5.1	41.3	61.9#
99	0.2	48.7	73.1#



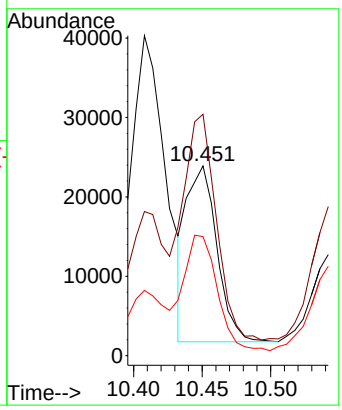


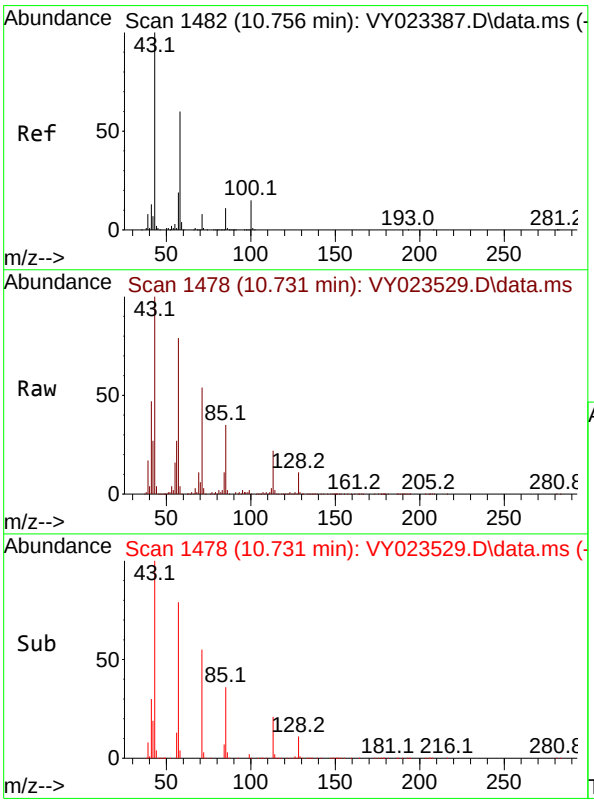
#56
Ethyl methacrylate
Concen: 5.098 ug/l
RT: 10.451 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Tgt Ion: 69 Resp: 34456

Ion	Ratio	Lower	Upper
69	100		
41	138.6	44.6	67.0#
39	72.6	27.0	40.4#

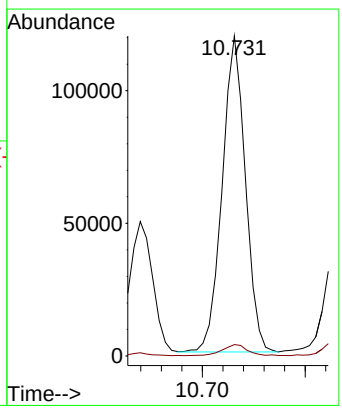


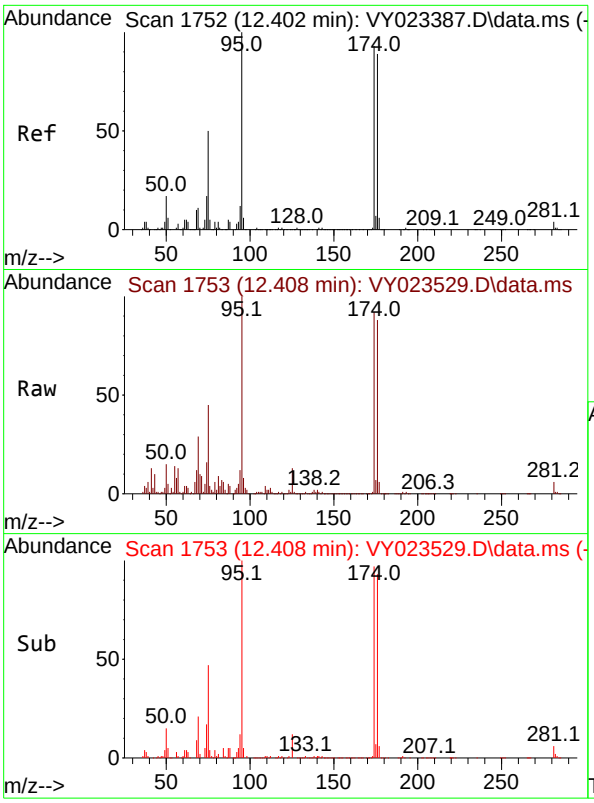


#59
2-Hexanone
Concen: 64.743 ug/l
RT: 10.731 min Scan# 1478
Delta R.T. -0.024 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Tgt Ion: 43 Resp: 186029

Ion	Ratio	Lower	Upper
43	100		
58	4.0	30.5	91.5#



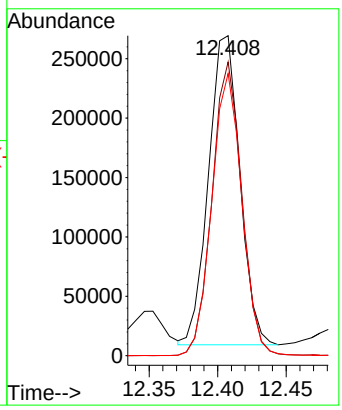


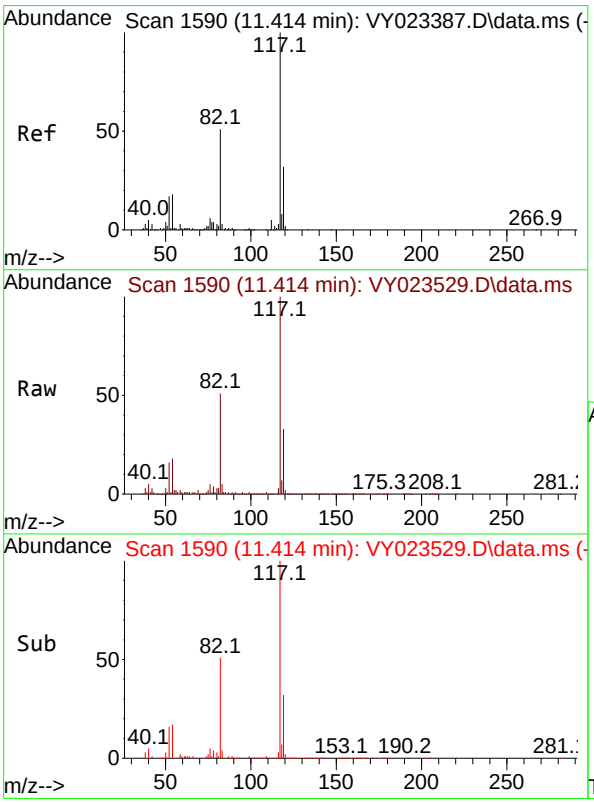
#62
4-Bromofluorobenzene
Concen: 45.155 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Tgt Ion: 95 Resp: 413105

Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	192.8
176	87.9	0.0	187.6

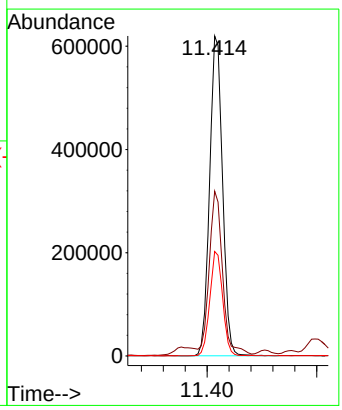


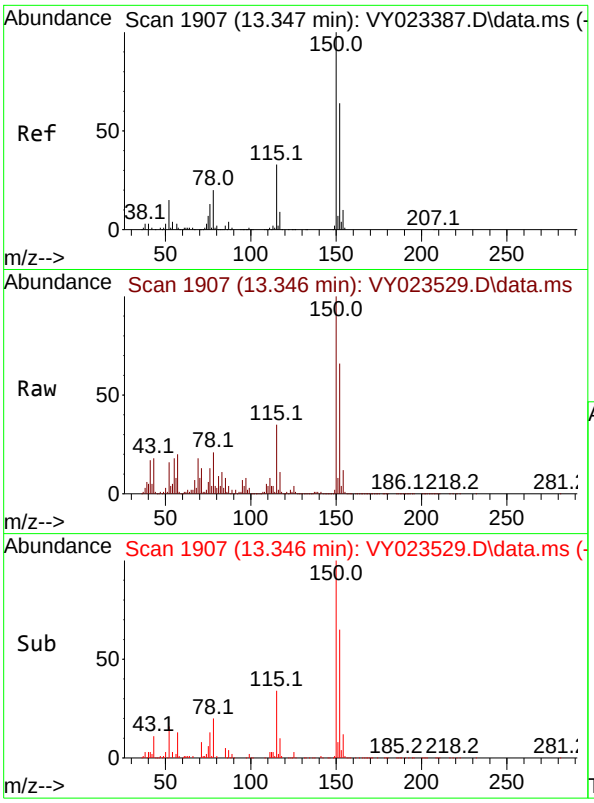


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Tgt Ion:117 Resp: 1010042

Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.0	61.4
119	32.6	25.6	38.4



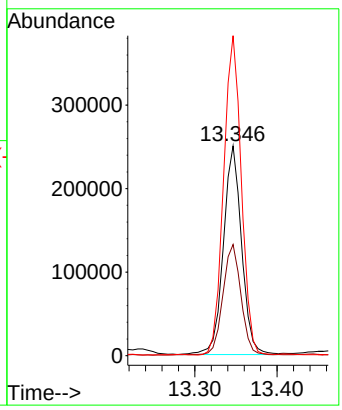


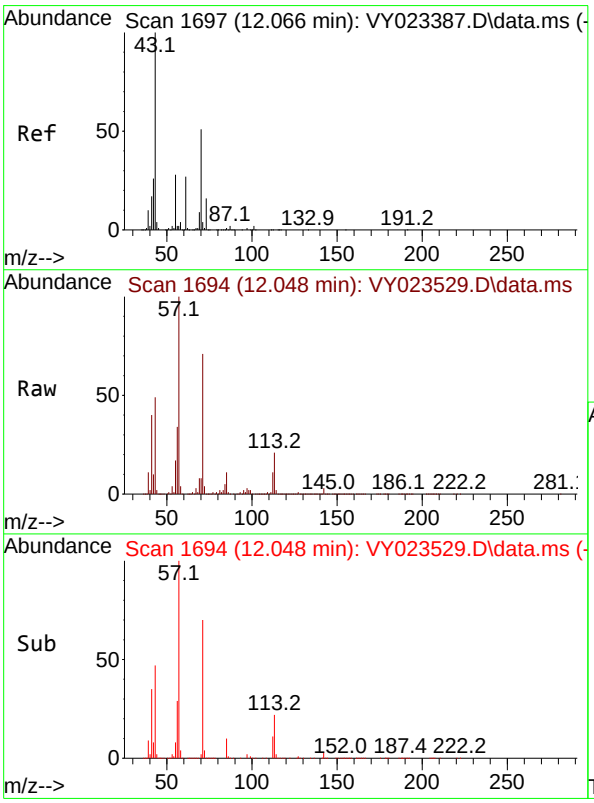
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Tgt Ion:152 Resp: 384650

Ion	Ratio	Lower	Upper
152	100		
115	52.6	27.1	81.2
150	149.1	0.0	347.4

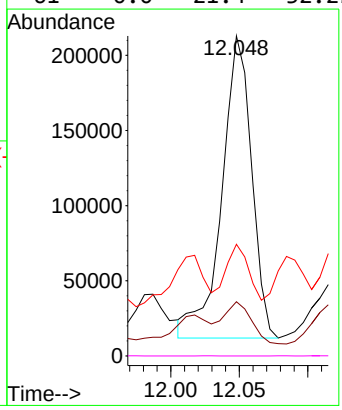


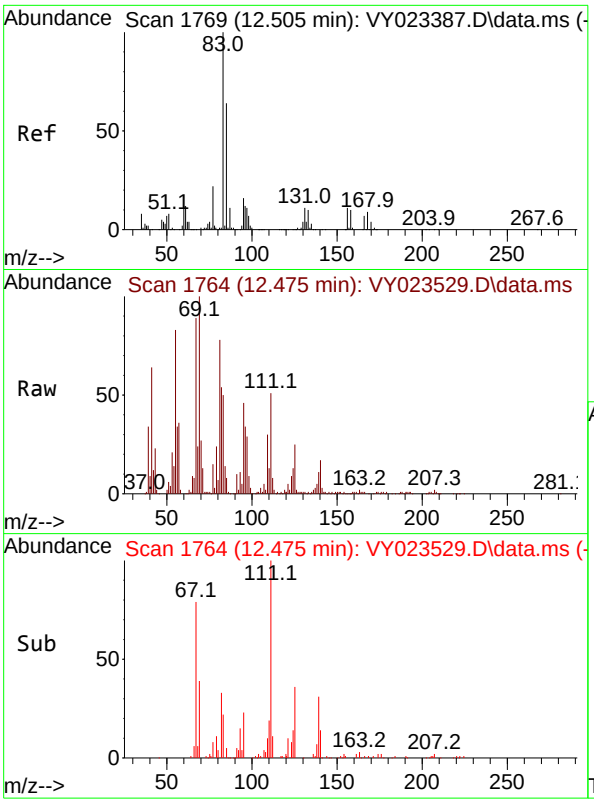


#74
N-amyl acetate
Concen: 66.748 ug/l
RT: 12.048 min Scan# 1694
Delta R.T. -0.018 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Tgt Ion: 43 Resp: 303907

Ion	Ratio	Lower	Upper
43	100		
70	13.2	41.1	61.7#
55	13.9	23.0	34.6#
61	0.0	21.4	32.2#



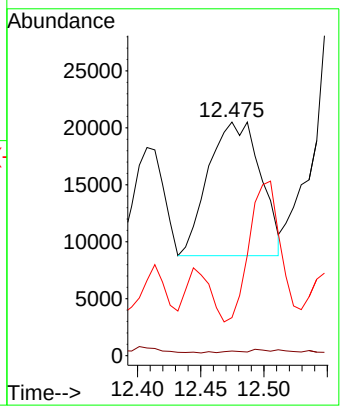


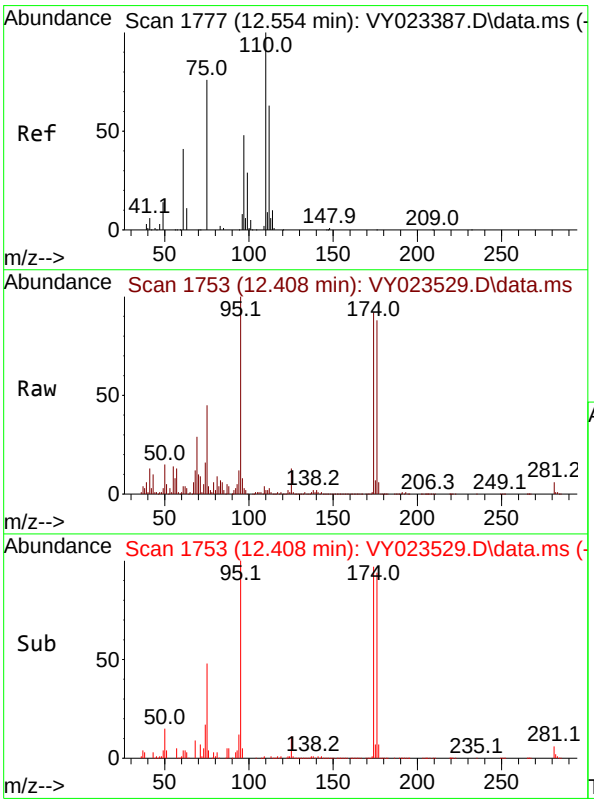
#75
1,1,2,2-Tetrachloroethane
Concen: 8.147 ug/l
RT: 12.475 min Scan# 1
Delta R.T. -0.031 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Tgt Ion: 83 Resp: 33776

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.9	17.6#
85	0.0	31.8	95.3#

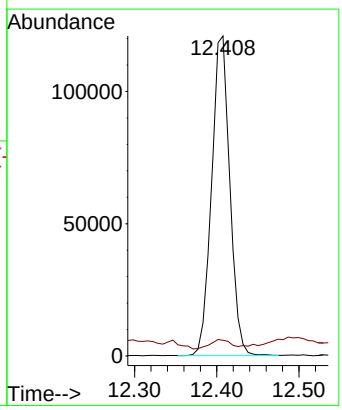


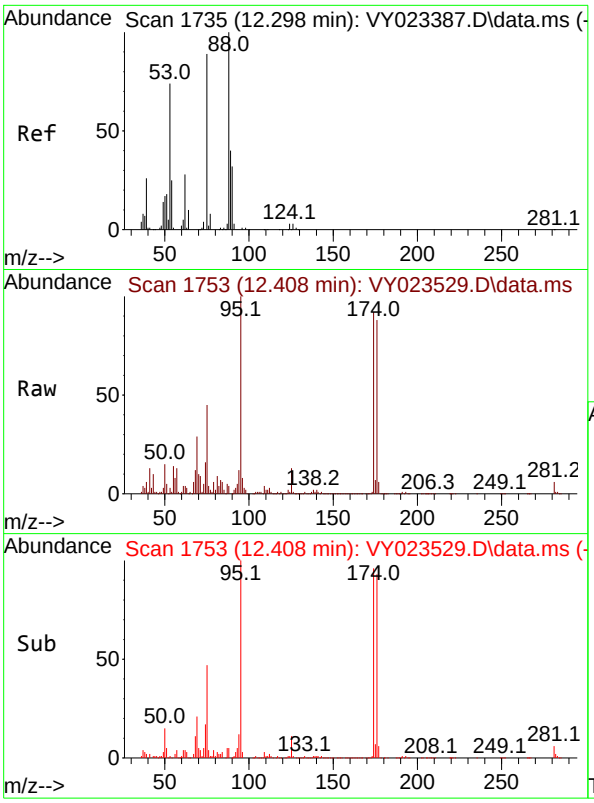


#76
1,2,3-Trichloropropane
Concen: 54.934 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Tgt Ion: 75 Resp: 186427

Ion	Ratio	Lower	Upper
75	100		
77	3.3	0.0	0.0#



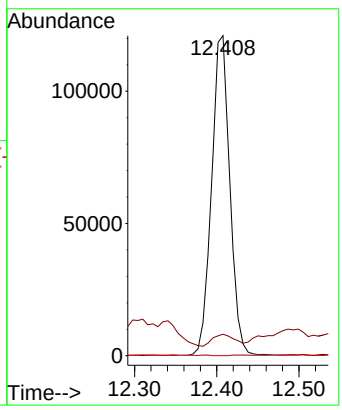


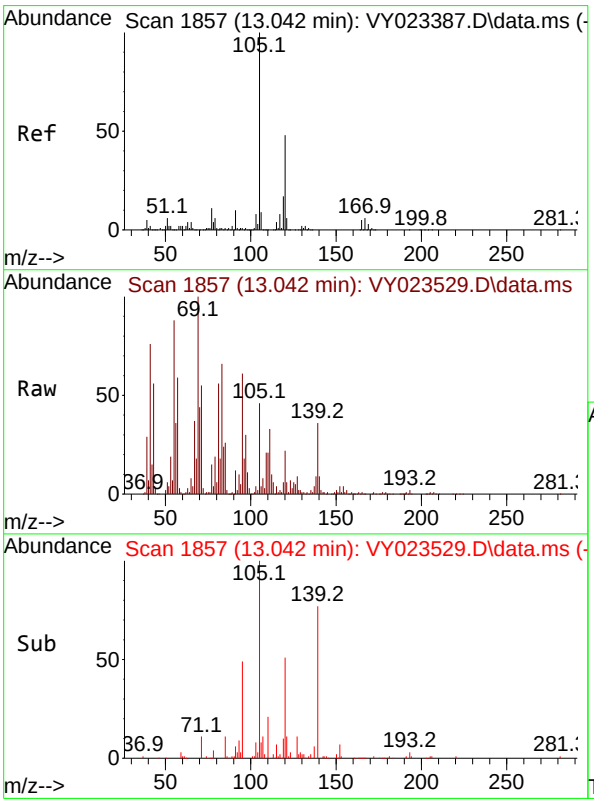
#81
trans-1,4-Dichloro-2-butene
Concen: 134.709 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.110 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Tgt Ion: 75 Resp: 186427

Ion	Ratio	Lower	Upper
75	100		
53	4.4	68.6	102.8#
89	0.0	39.0	58.4#

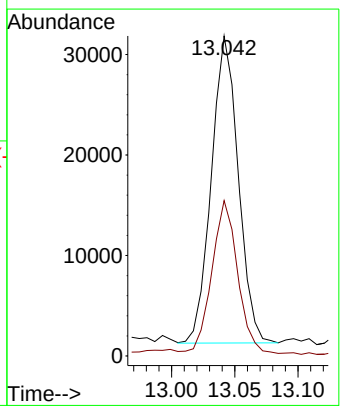


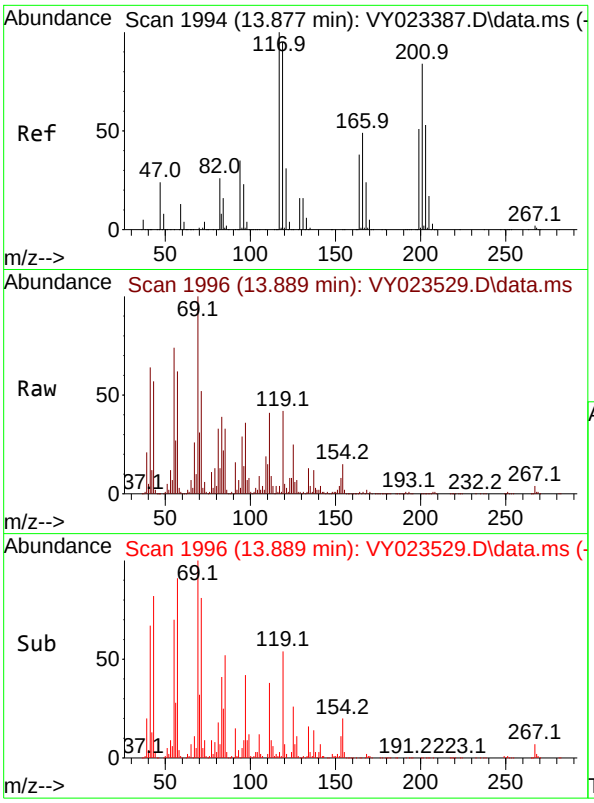


#84
1,2,4-Trimethylbenzene
Concen: 2.211 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Tgt Ion:105 Resp: 45201

Ion	Ratio	Lower	Upper
105	100		
120	48.8	23.8	71.2



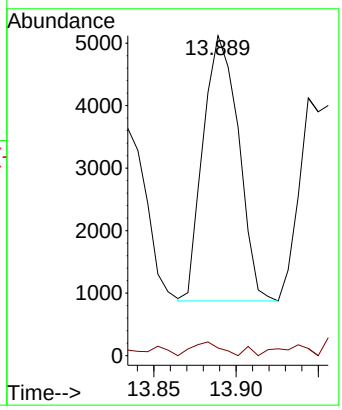


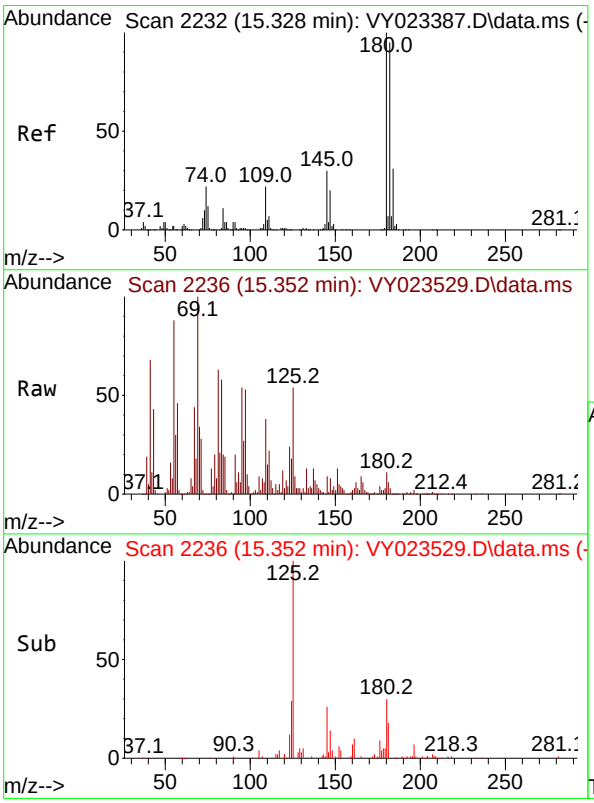
#90
Hexachloroethane
Concen: 1.281 ug/l
RT: 13.889 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S08-013038-20251017

Tgt Ion:117 Resp: 6363

Ion	Ratio	Lower	Upper
117	100		
201	4.1	43.8	131.4#





#96
1,2,3-Trichlorobenzene
Concen: 1.752 ug/l
RT: 15.352 min Scan# 2236
Delta R.T. 0.024 min
Lab File: VY023529.D
Acq: 21 Oct 2025 12:38

Tgt Ion:180 Resp: 10882

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.9	143.8#
145	0.0	15.3	45.9#