Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039341.D
Acq On : 05 Nov 2025 17:20
Operator : SY/MD
Sample : Q3552-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 06 00:18:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	929578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1730000	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1622898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	753769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	738888	55.939	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 111.880%			
35) Dibromofluoromethane	4.500	113	664719	48.765	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 97.520%			
50) Toluene-d8	7.236	98	2155329	46.478	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 92.960%			
62) 4-Bromofluorobenzene	9.998	95	807720	48.908	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 97.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	6847	0.583	ug/l	100
3) Chloromethane	1.201	50	52880	4.323	ug/l #	41
8) Diethyl Ether	1.921	74	13970	1.813	ug/l	92
10) Methyl Iodide	2.207	142	2246	0.204	ug/l #	81
11) Tert butyl alcohol	2.564	59	264639	103.382	ug/l	96
13) Acrolein	1.995	56	213	Below Cal	#	1
14) Allyl chloride	2.564	41	49249	2.479	ug/l #	61
16) Acetone	2.127	43	33285	Below Cal		89
17) Carbon Disulfide	2.256	76	10907	0.308	ug/l #	90
18) Methyl Acetate	2.233	43	4892	0.286	ug/l #	52
19) Methyl tert-butyl Ether	2.712	73	11311	0.300	ug/l	96
20) Methylene Chloride	2.455	84	685	Below Cal	#	84
25) 2-Butanone	3.809	43	8106	1.003	ug/l #	72
26) 2,2-Dichloropropane	3.799	77	6791	0.353	ug/l #	52
29) Tetrahydrofuran	4.243	42	76493	14.810	ug/l	97
31) Cyclohexane	4.600	56	19024	1.093	ug/l #	1
36) 1,1-Dichloropropene	4.600	75	72640	4.243	ug/l #	47
38) Carbon Tetrachloride	4.596	117	99176	4.755	ug/l #	18
41) Methacrylonitrile	4.246	41	48209	7.125	ug/l #	38
49) 1,4-Dioxane	6.317	88	4312	21.322	ug/l #	77
58) 2-Chloroethyl Vinyl ether	6.825	63	91	8.476	ug/l #	45
59) 2-Hexanone	7.870	43	4546	0.340	ug/l	85
65) Chlorobenzene	8.805	112	124056	3.229	ug/l	100
73) Isopropylbenzene	9.857	105	202650	4.427	ug/l	99
76) 1,2,3-Trichloropropane	9.998	75	389135	25.866	ug/l #	53
81) trans-1,4-Dichloro-2-b...	9.998	75	389135	65.324	ug/l #	14
88) 1,4-Dichlorobenzene	11.197	146	35896	1.278	ug/l #	69

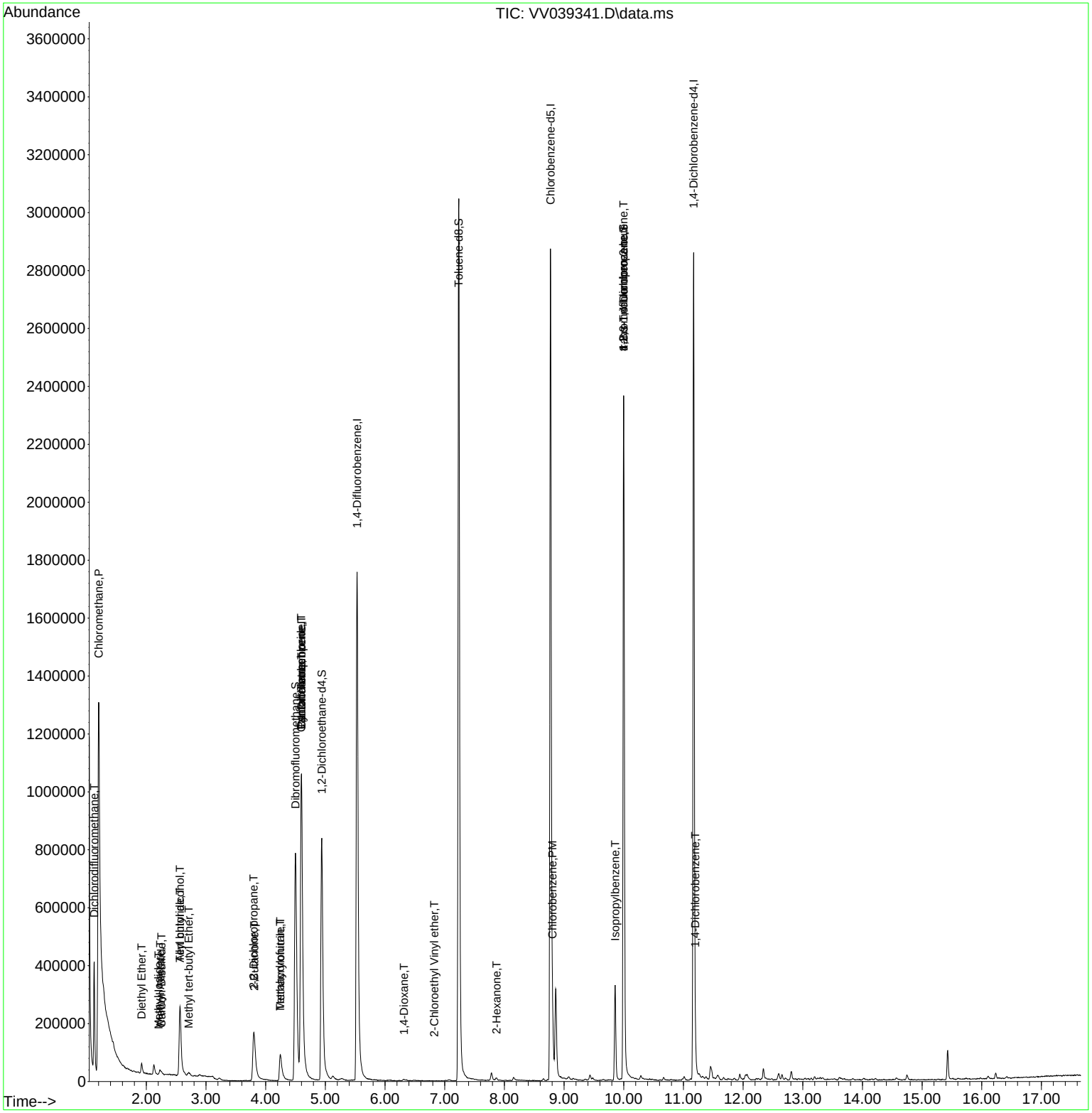
(#) = qualifier out of range (m) = manual integration (+) = signals summed

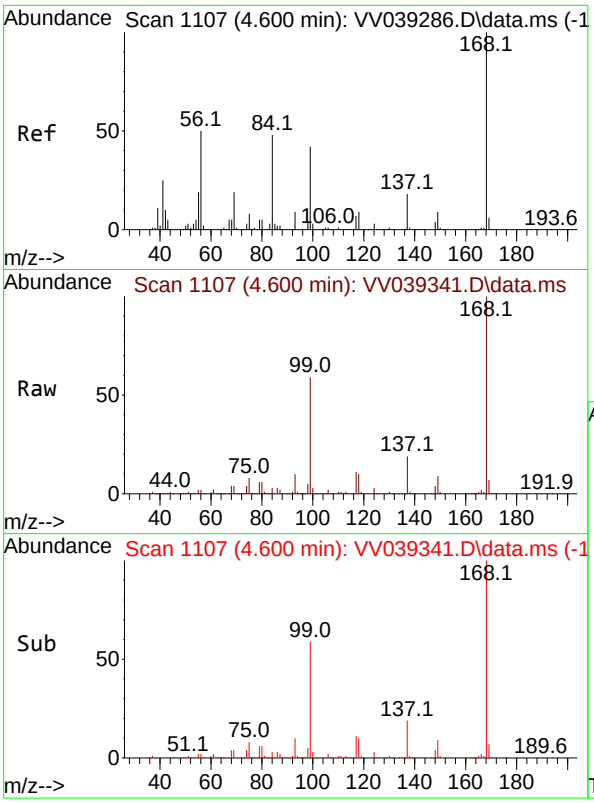
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039341.D
Acq On : 05 Nov 2025 17:20
Operator : SY/MD
Sample : Q3552-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 06 00:18:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration



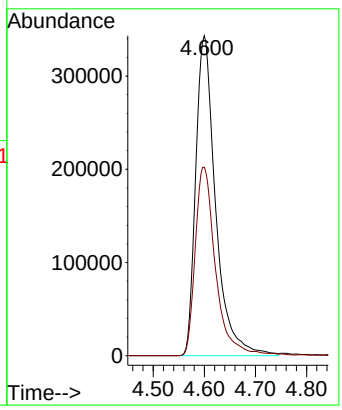


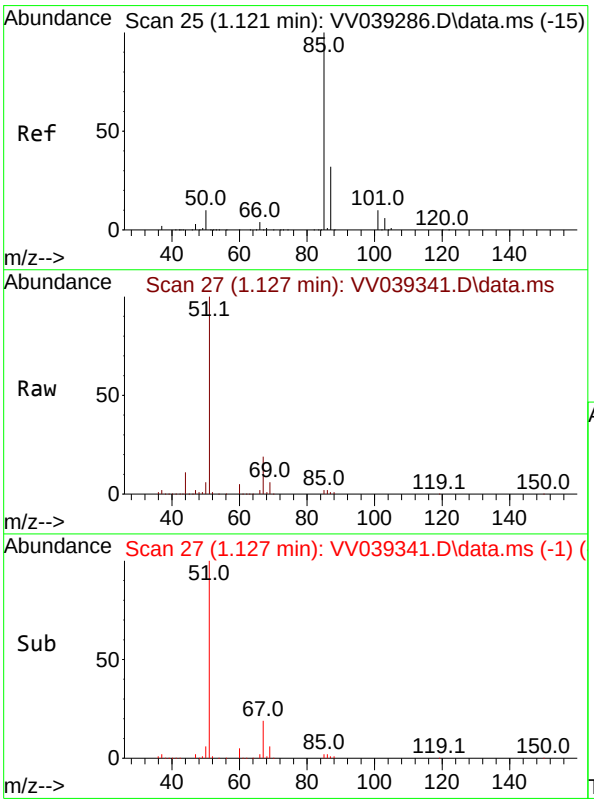
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:168 Resp: 929578

Ion	Ratio	Lower	Upper
168	100		
99	58.9	46.6	70.0

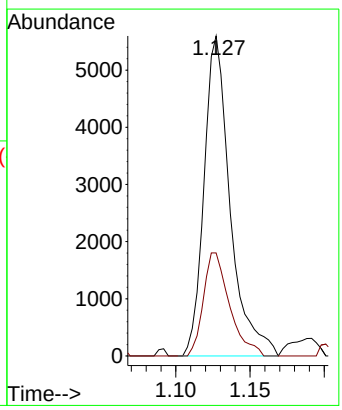


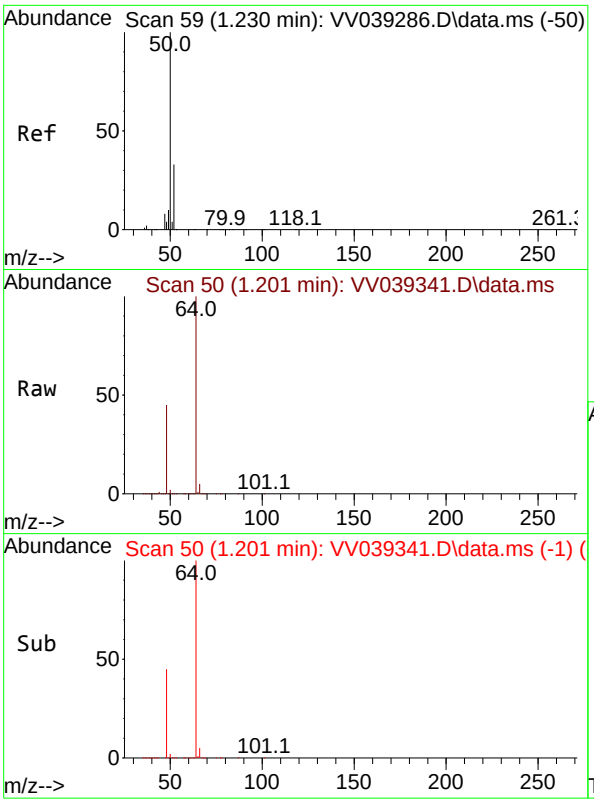


#2
Dichlorodifluoromethane
Concen: 0.583 ug/l
RT: 1.127 min Scan# 27
Delta R.T. 0.006 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion: 85 Resp: 6847

Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.1	48.2



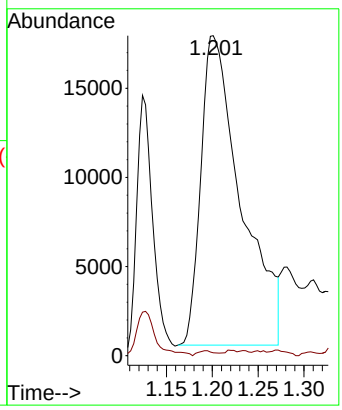


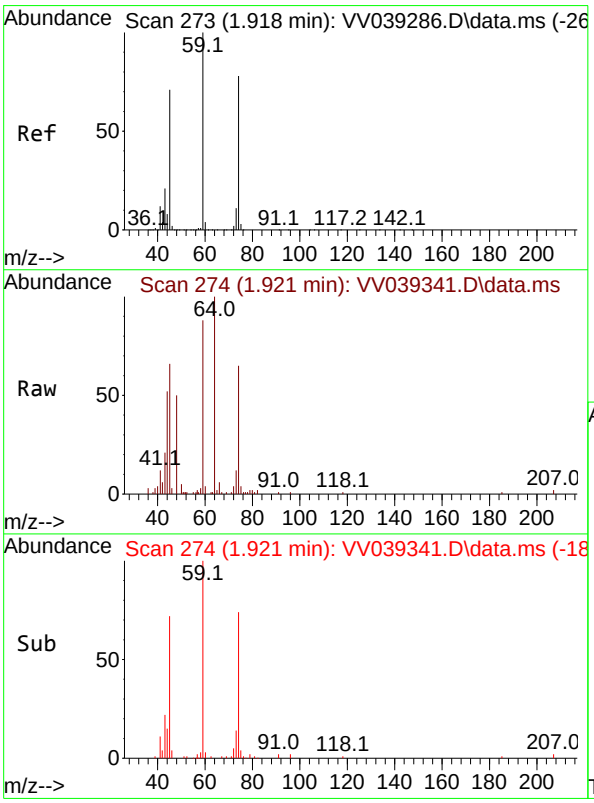
#3
Chloromethane
Concen: 4.323 ug/l
RT: 1.201 min Scan# 5
Delta R.T. -0.029 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 52880

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.6	39.8#

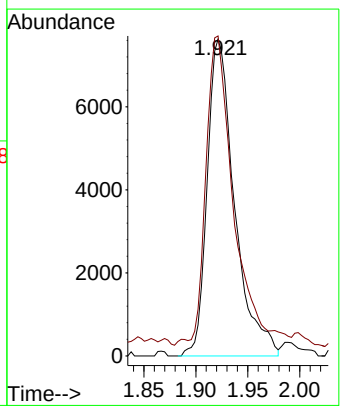


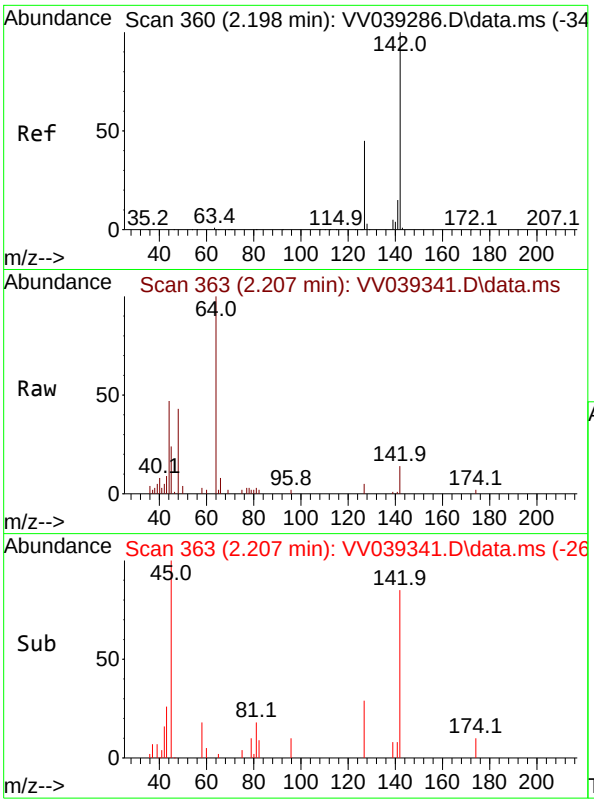


#8
Diethyl Ether
Concen: 1.813 ug/l
RT: 1.921 min Scan# 274
Delta R.T. 0.003 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion: 74 Resp: 13970

Ion	Ratio	Lower	Upper
74	100		
45	99.3	45.9	137.7



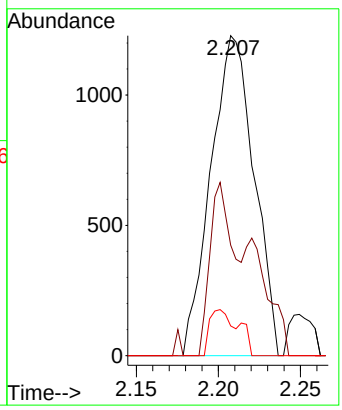


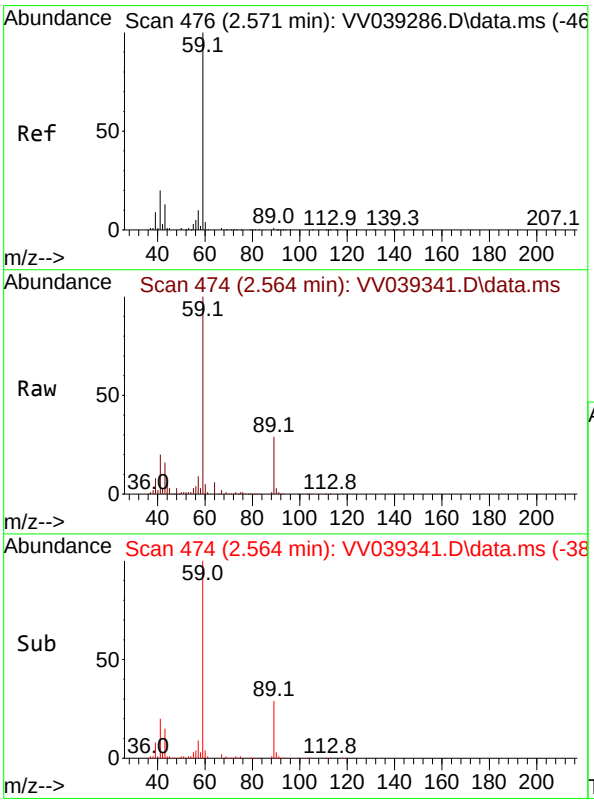
#10
Methyl Iodide
Concen: 0.204 ug/l
RT: 2.207 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:142 Resp: 2246

Ion	Ratio	Lower	Upper
142	100		
127	30.1	35.5	53.3#
141	9.5	11.5	17.3#

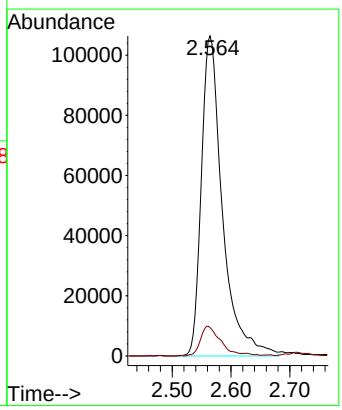


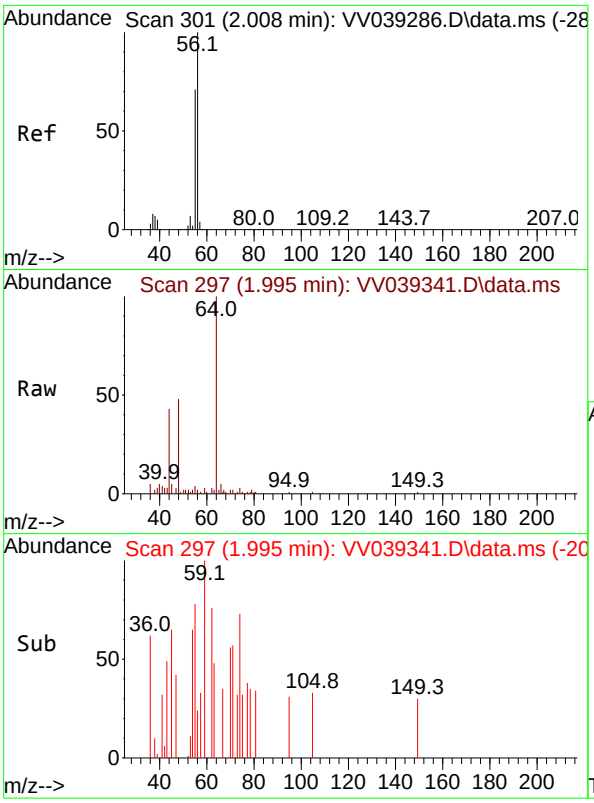


#11
Tert butyl alcohol
Concen: 103.382 ug/l
RT: 2.564 min Scan# 474
Delta R.T. -0.006 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion: 59 Resp: 264639

Ion	Ratio	Lower	Upper
59	100		
57	8.7	8.1	12.1



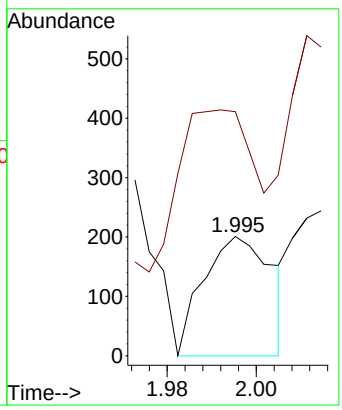


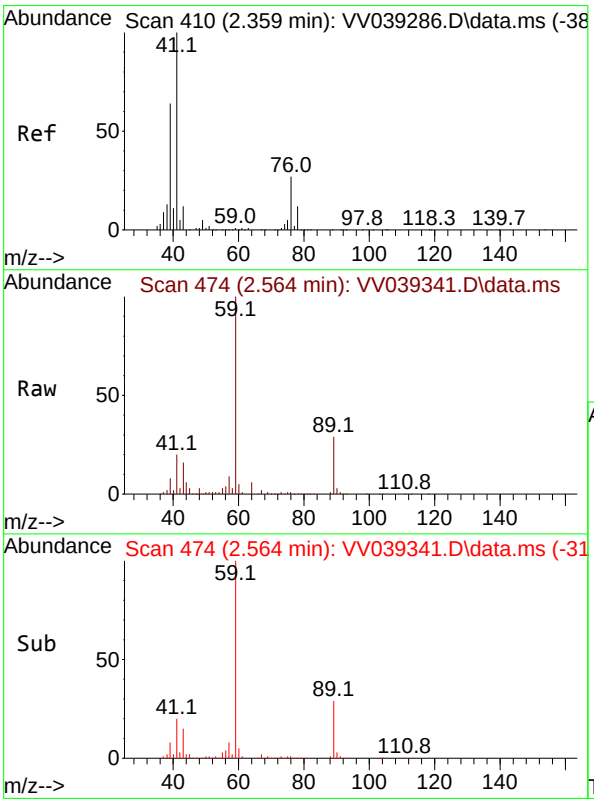
#13
Acrolein
Concen: Below Cal
RT: 1.995 min Scan# 2
Delta R.T. -0.013 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 213

Ion	Ratio	Lower	Upper
56	100		
55	249.8	56.2	84.4#

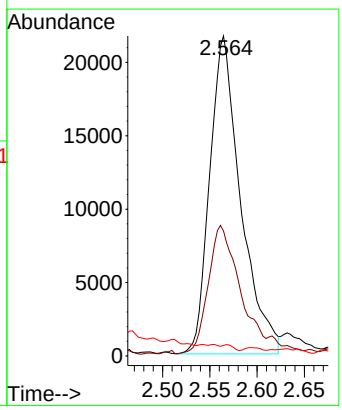


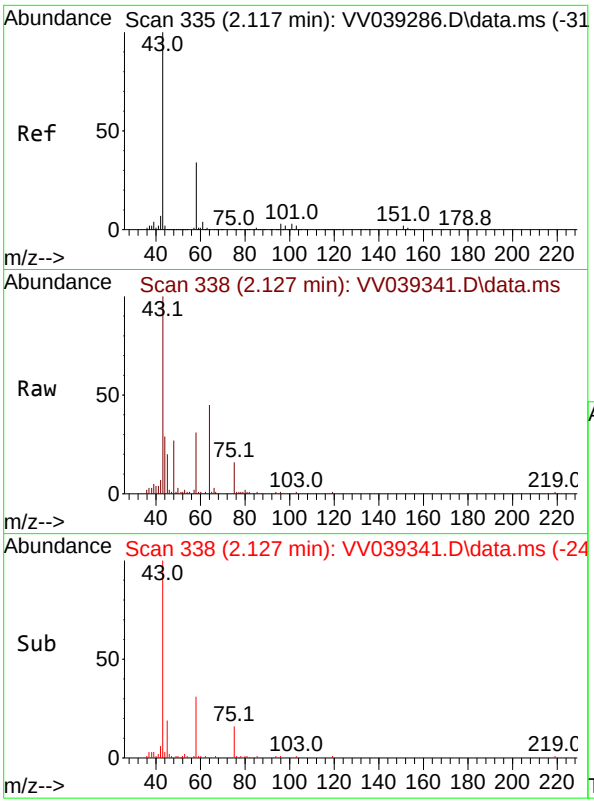


#14
Allyl chloride
Concen: 2.479 ug/l
RT: 2.564 min Scan# 474
Delta R.T. 0.206 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion: 41 Resp: 49249

Ion	Ratio	Lower	Upper
41	100		
39	41.0	47.8	71.6#
76	0.0	30.2	45.2#



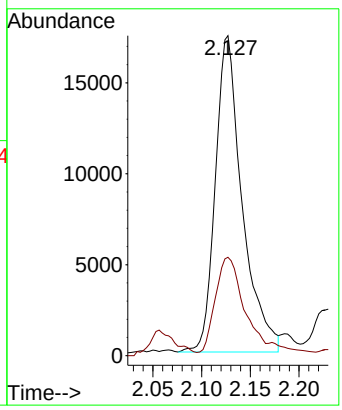


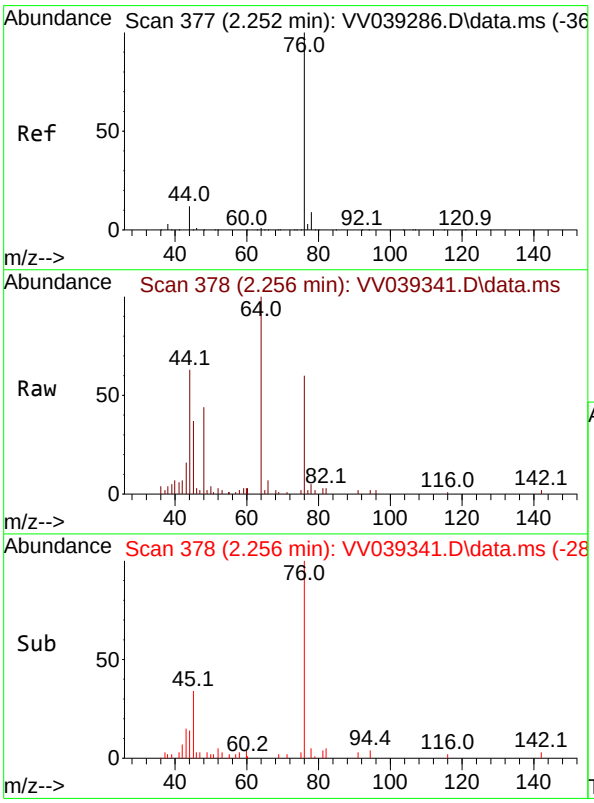
#16
Acetone
Concen: Below Cal
RT: 2.127 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 33285

Ion	Ratio	Lower	Upper
43	100		
58	28.2	27.5	41.3

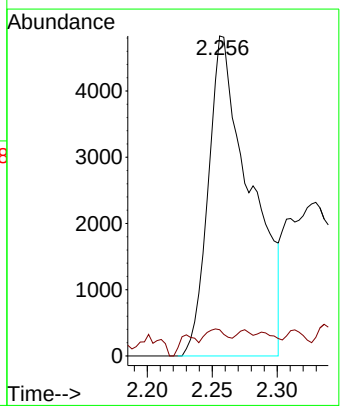


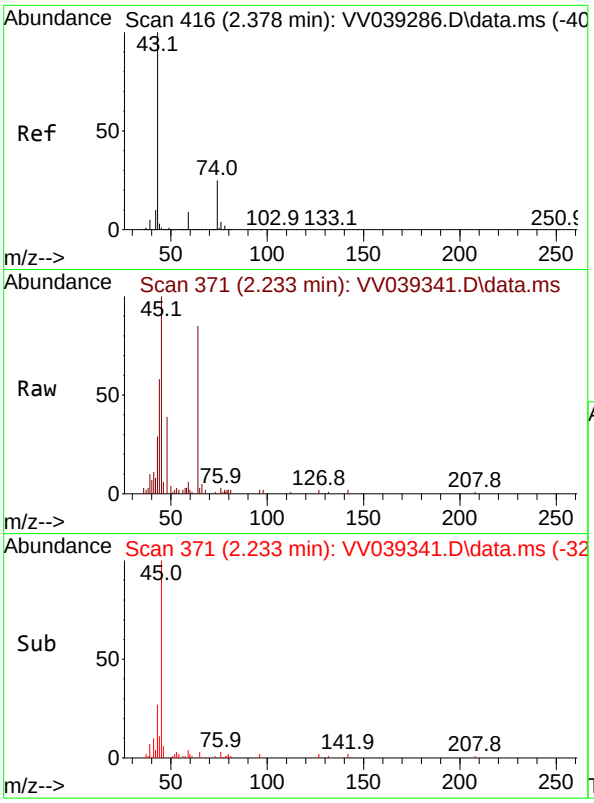


#17
Carbon Disulfide
Concen: 0.308 ug/l
RT: 2.256 min Scan# 378
Delta R.T. 0.003 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion: 76 Resp: 10907

Ion	Ratio	Lower	Upper
76	100		
78	5.7	7.4	11.0#



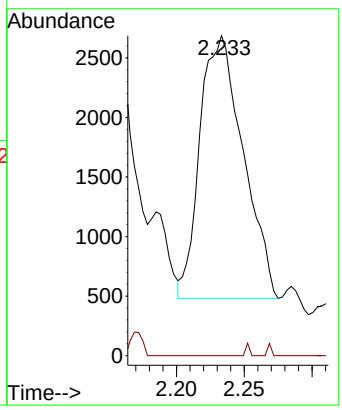


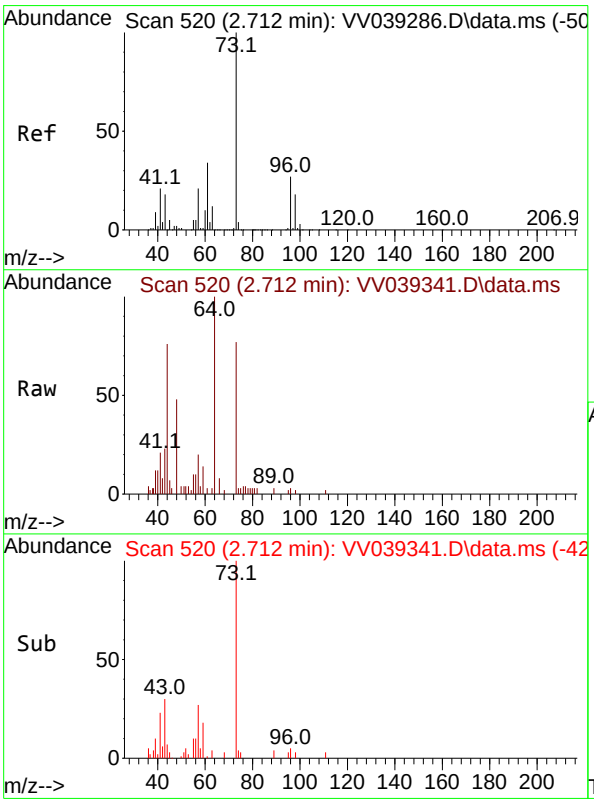
#18
Methyl Acetate
Concen: 0.286 ug/l
RT: 2.233 min Scan# 3
Delta R.T. -0.145 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 4892

Ion	Ratio	Lower	Upper
43	100		
74	0.4	19.5	29.3#

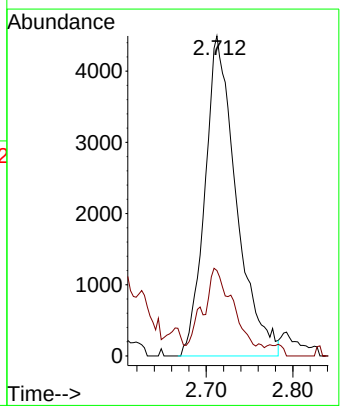


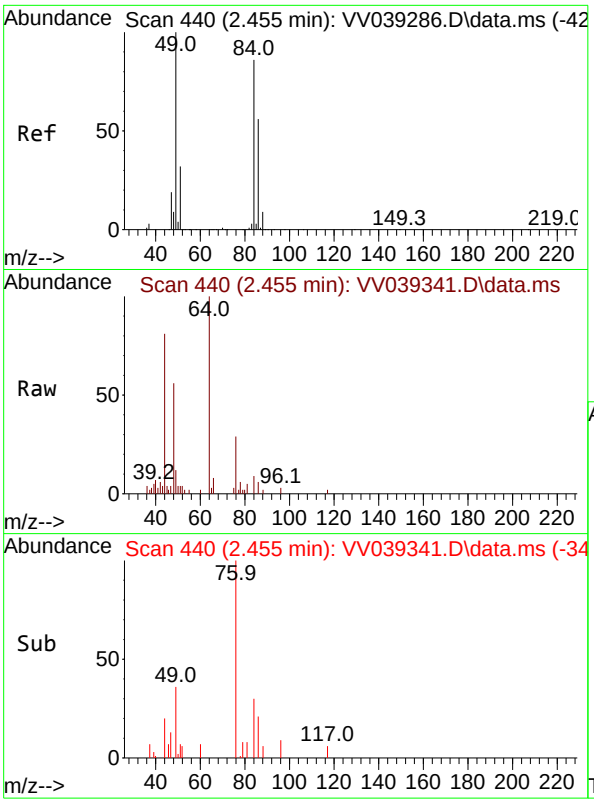


#19
Methyl tert-butyl Ether
Concen: 0.300 ug/l
RT: 2.712 min Scan# 520
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion: 73 Resp: 11311

Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.0	25.6



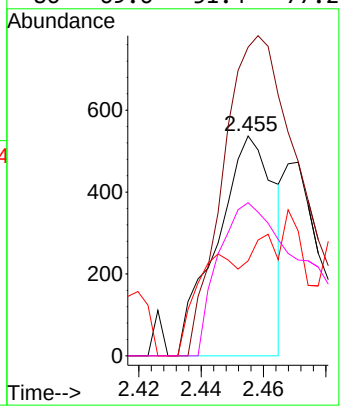


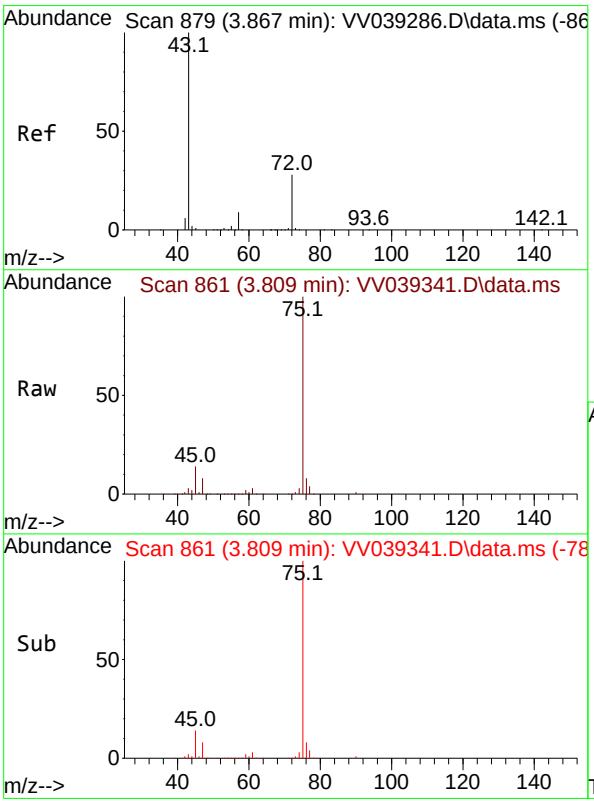
#20
Methylene Chloride
Concen: Below Cal
RT: 2.455 min Scan# 44
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 685

Ion	Ratio	Lower	Upper
84	100		
49	140.4	92.6	139.0#
51	43.2	29.6	44.4
86	69.6	51.4	77.2

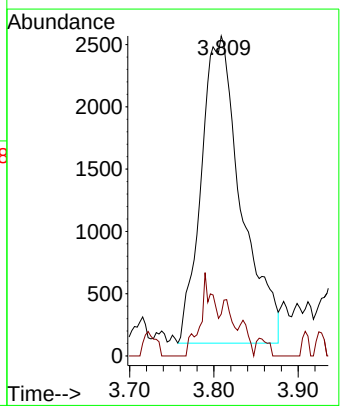


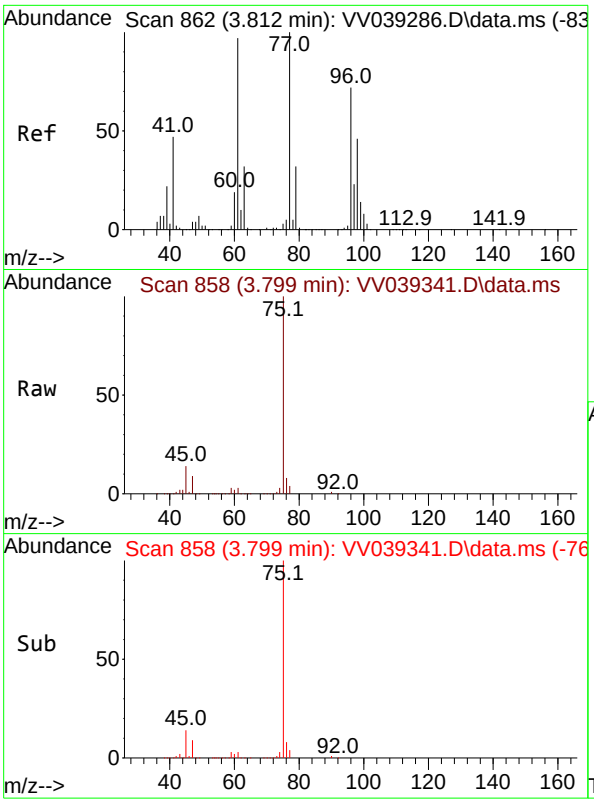


#25
2-Butanone
Concen: 1.003 ug/l
RT: 3.809 min Scan# 861
Delta R.T. -0.058 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion: 43 Resp: 8106

Ion	Ratio	Lower	Upper
43	100		
72	13.7	22.6	34.0#



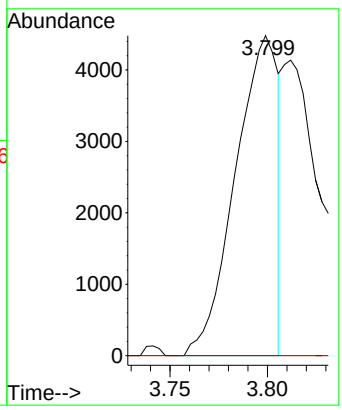


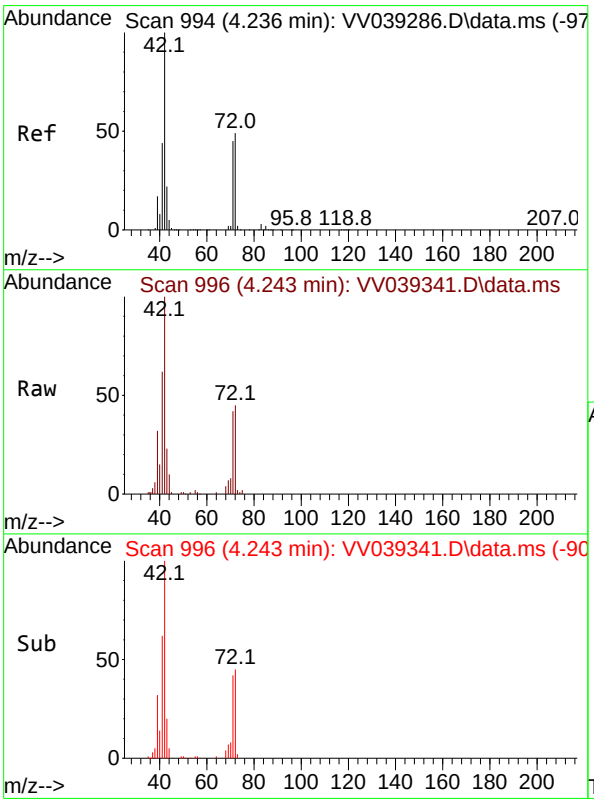
#26
2,2-Dichloropropane
Concen: 0.353 ug/l
RT: 3.799 min Scan# 8
Delta R.T. -0.013 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 77 Resp: 6791

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.6	34.8#

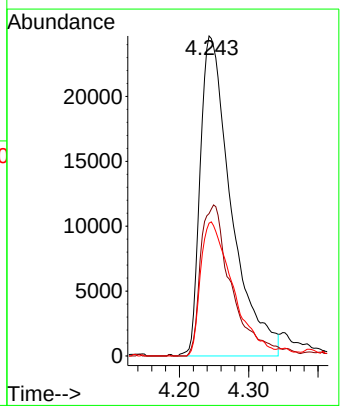


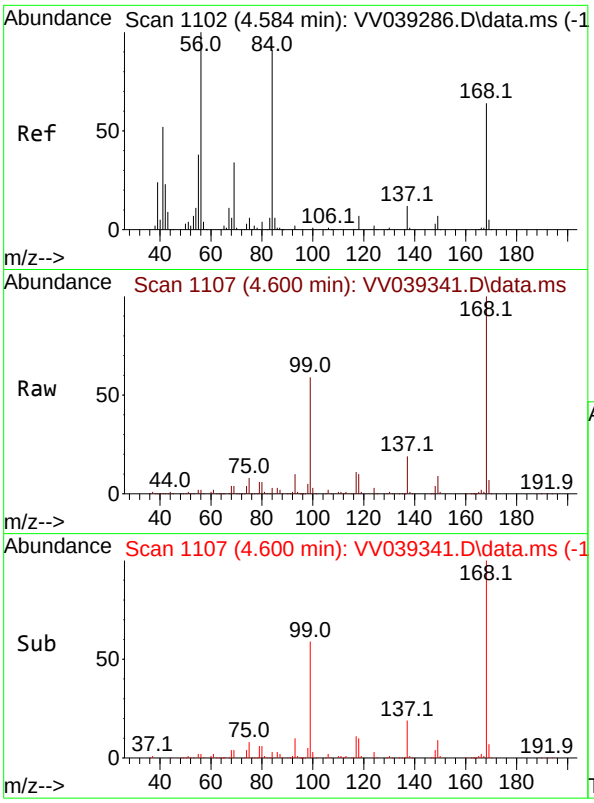


#29
Tetrahydrofuran
Concen: 14.810 ug/l
RT: 4.243 min Scan# 996
Delta R.T. 0.006 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion: 42 Resp: 76493

Ion	Ratio	Lower	Upper
42	100		
72	47.1	39.8	59.8
71	43.9	36.5	54.7



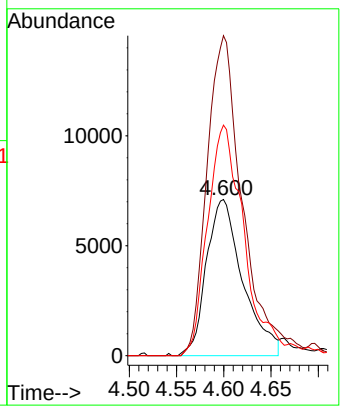


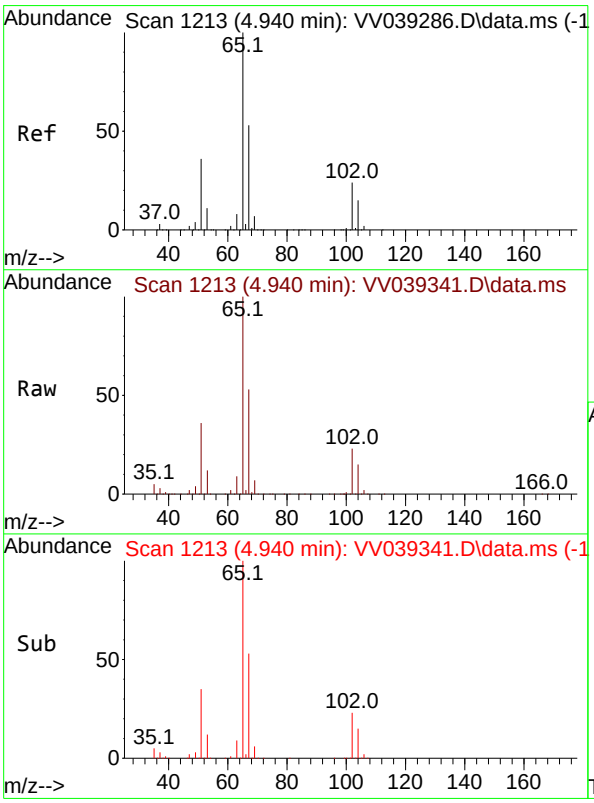
#31
Cyclohexane
Concen: 1.093 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 19024

Ion	Ratio	Lower	Upper
56	100		
69	204.9	27.4	41.0#
84	147.6	72.8	109.2#

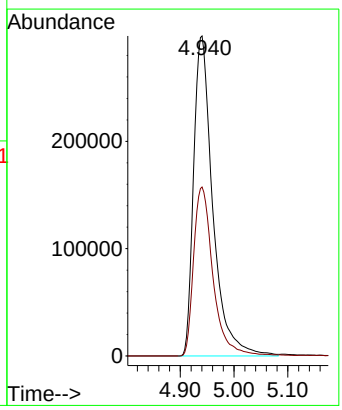


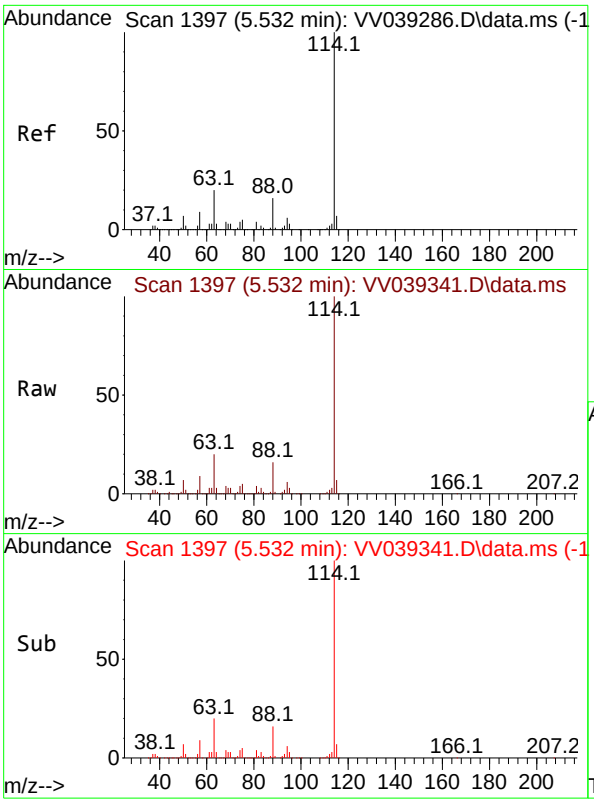


#33
1,2-Dichloroethane-d4
Concen: 55.939 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion: 65 Resp: 738888

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	108.4



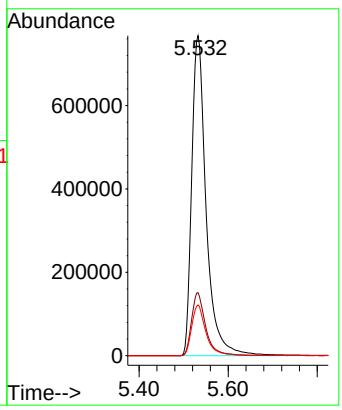


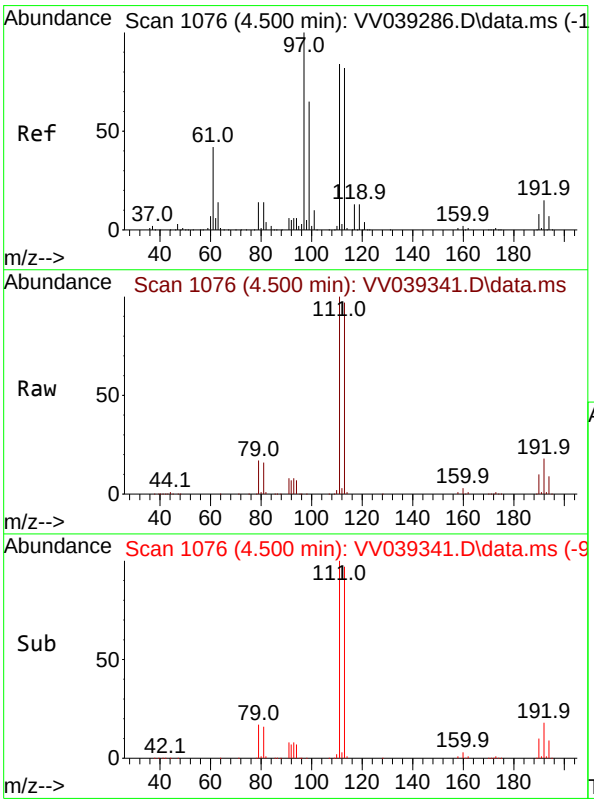
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:114 Resp: 1730000

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.6
88	15.8	0.0	31.6

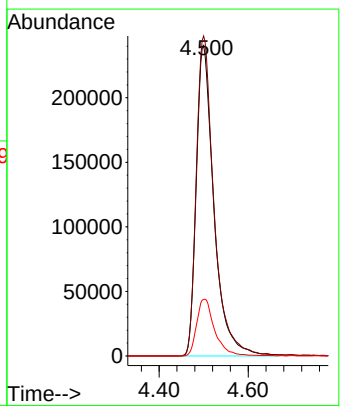


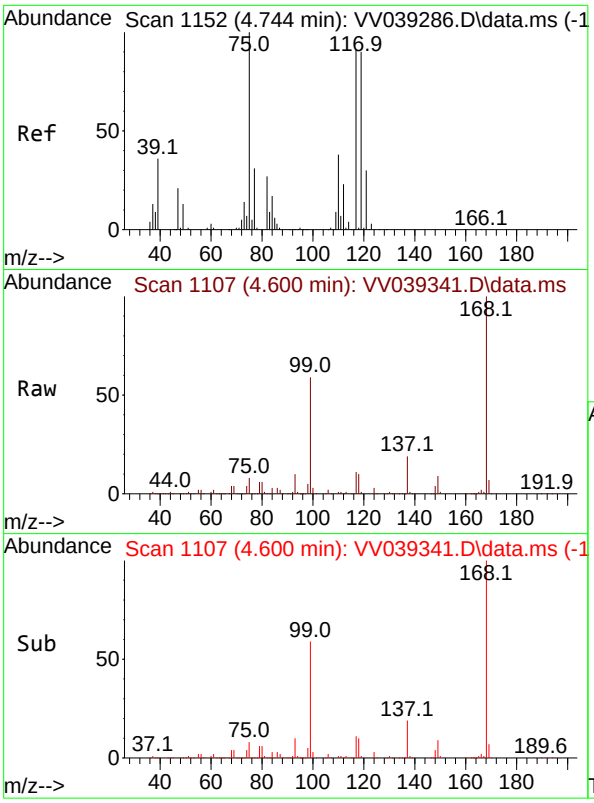


#35
Dibromofluoromethane
Concen: 48.765 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion:113 Resp: 664719

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	18.6	14.3	21.5



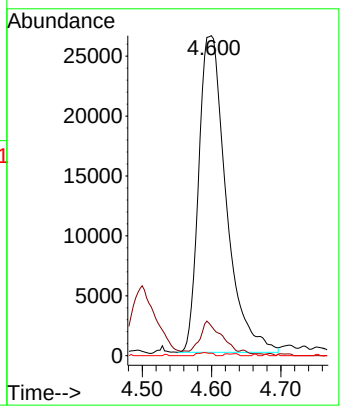


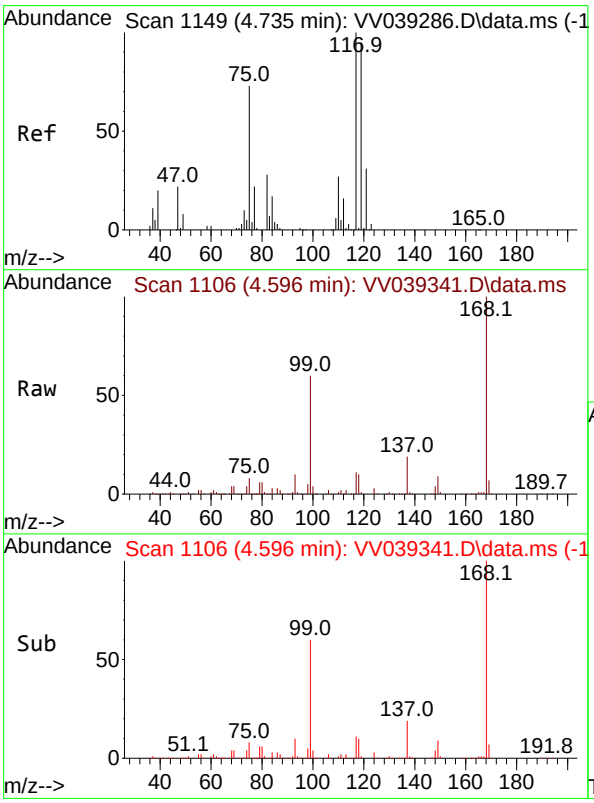
#36
1,1-Dichloropropene
Concen: 4.243 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.145 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 72640

Ion	Ratio	Lower	Upper
75	100		
110	7.1	18.9	56.7#
77	0.5	24.1	36.1#

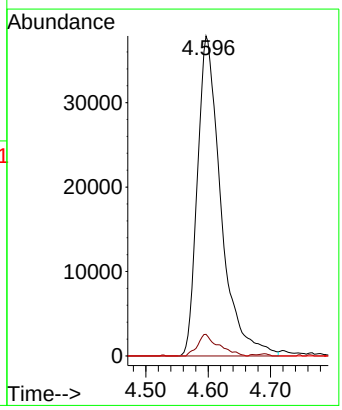


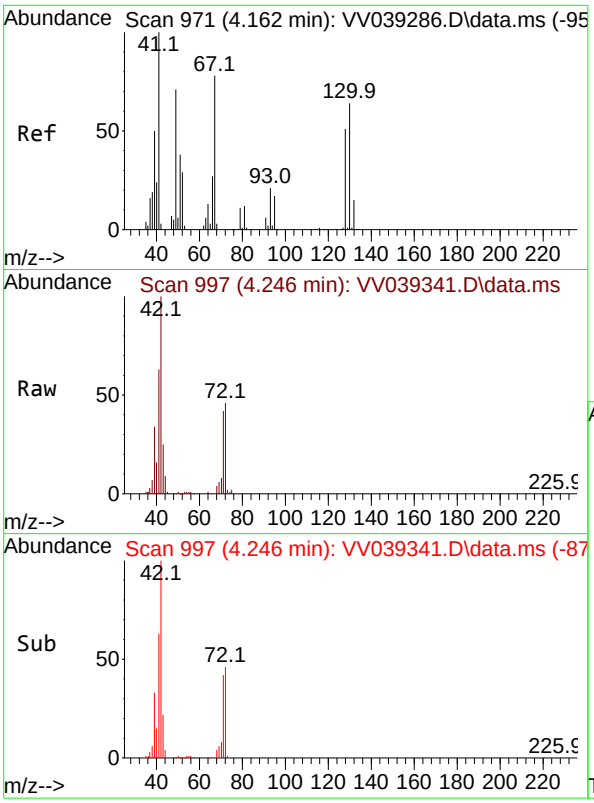


#38
Carbon Tetrachloride
Concen: 4.755 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. -0.138 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion:117 Resp: 99176

Ion	Ratio	Lower	Upper
117	100		
119	6.8	75.9	113.9#
121	0.0	24.6	37.0#



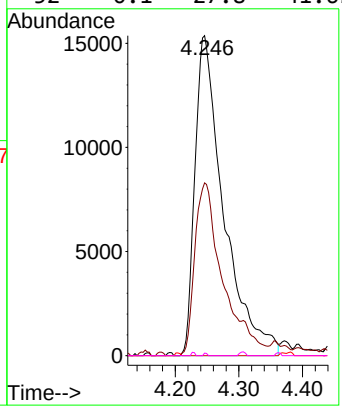


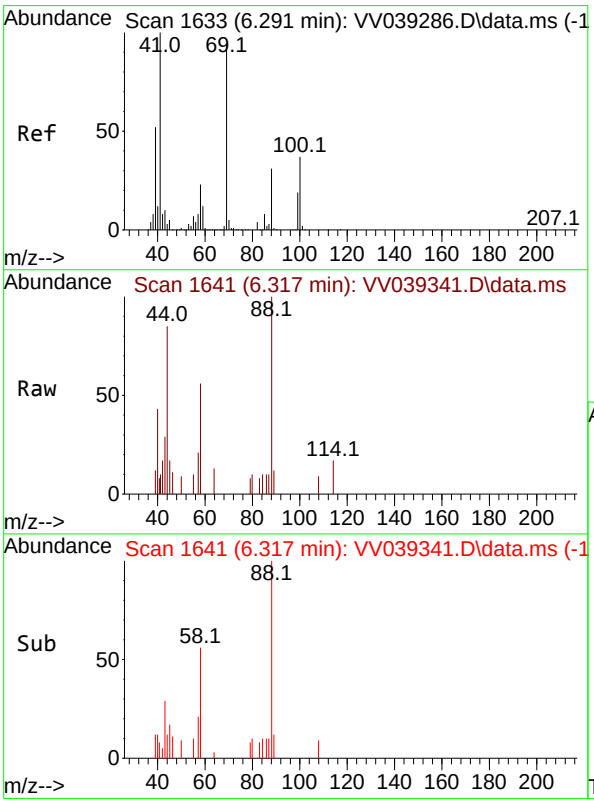
#41
Methacrylonitrile
Concen: 7.125 ug/l
RT: 4.246 min Scan# 9
Delta R.T. 0.084 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 41 Resp: 48209

Ion	Ratio	Lower	Upper
41	100		
39	52.7	40.9	61.3
67	0.0	73.1	109.7#
52	0.1	27.8	41.6#

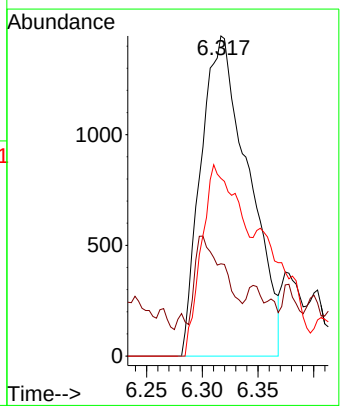


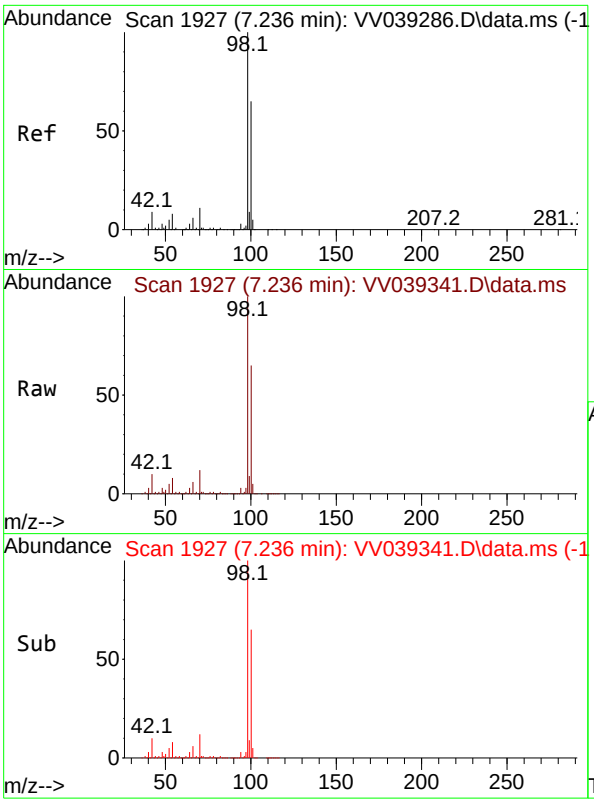


#49
1,4-Dioxane
Concen: 21.322 ug/l
RT: 6.317 min Scan# 1641
Delta R.T. 0.026 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion: 88 Resp: 4312

Ion	Ratio	Lower	Upper
88	100		
43	19.1	24.1	36.1#
58	51.3	57.6	86.4#



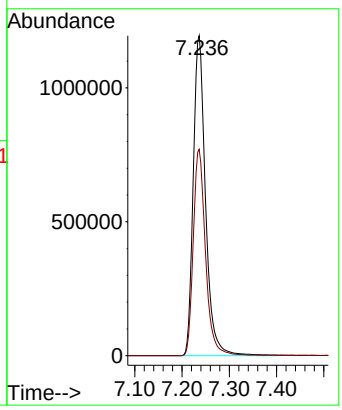


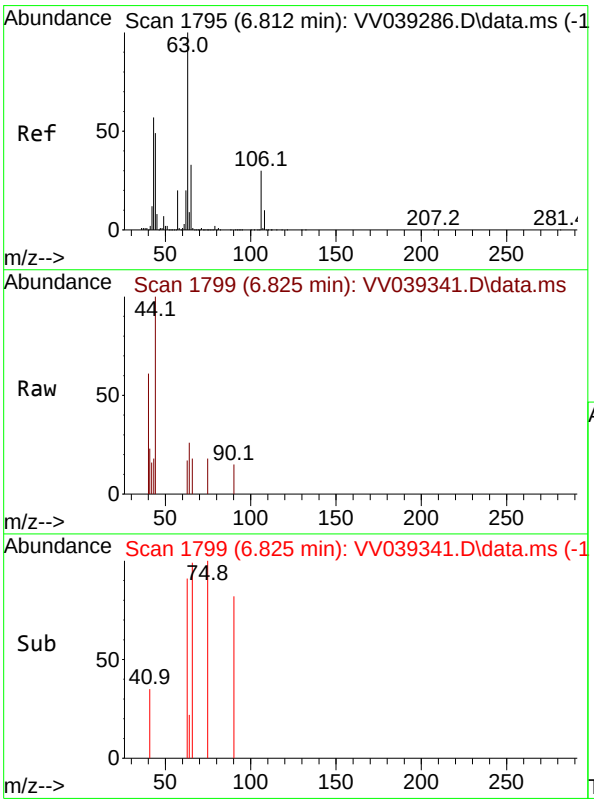
#50
Toluene-d8
Concen: 46.478 ug/l
RT: 7.236 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 98 Resp: 2155329

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.8	79.2

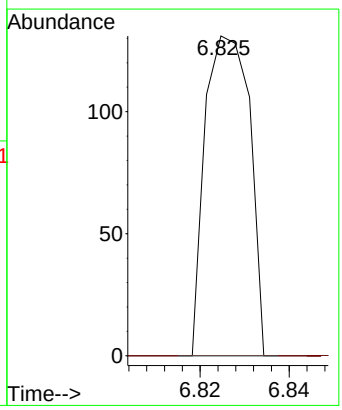


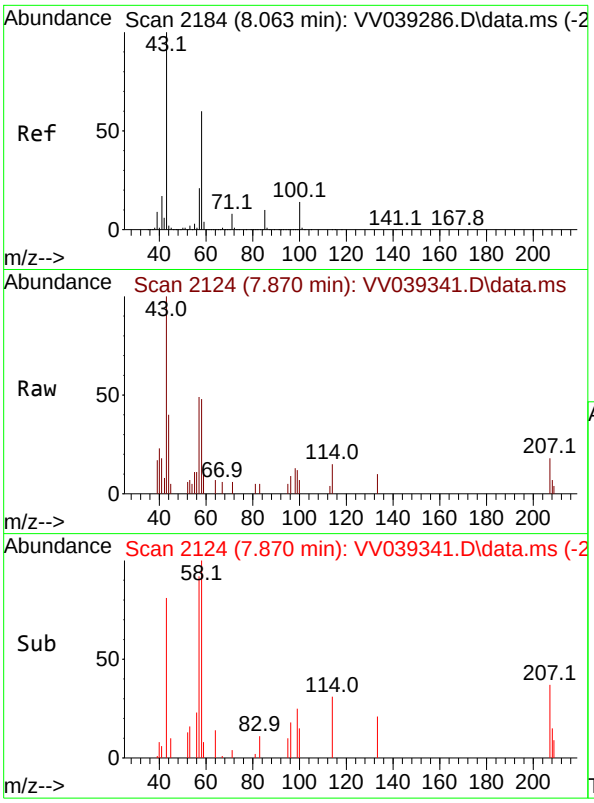


#58
2-Chloroethyl Vinyl ether
Concen: 8.476 ug/l
RT: 6.825 min Scan# 1799
Delta R.T. 0.013 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion: 63 Resp: 91

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.5	35.3#



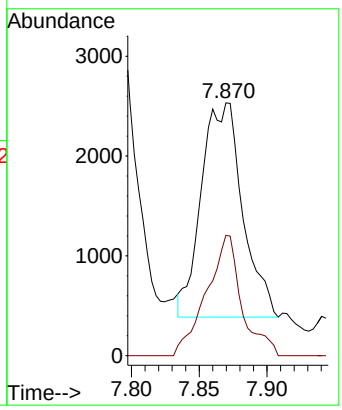


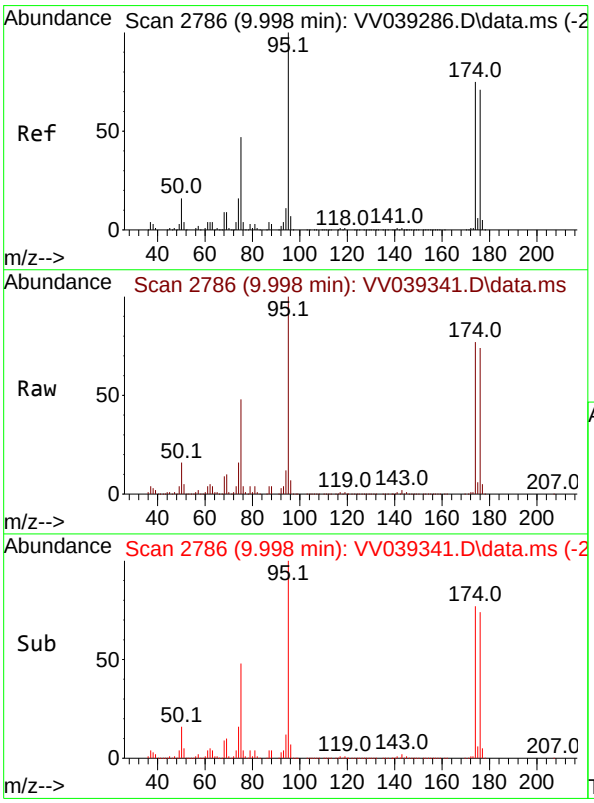
#59
2-Hexanone
Concen: 0.340 ug/l
RT: 7.870 min Scan# 21
Delta R.T. -0.193 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 4546

Ion	Ratio	Lower	Upper
43	100		
58	47.7	29.6	88.9

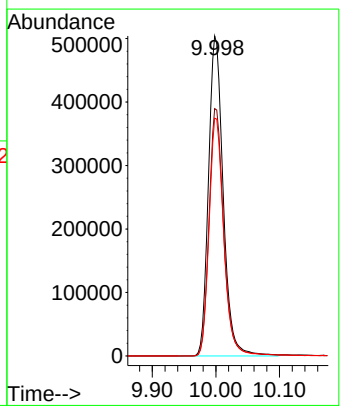


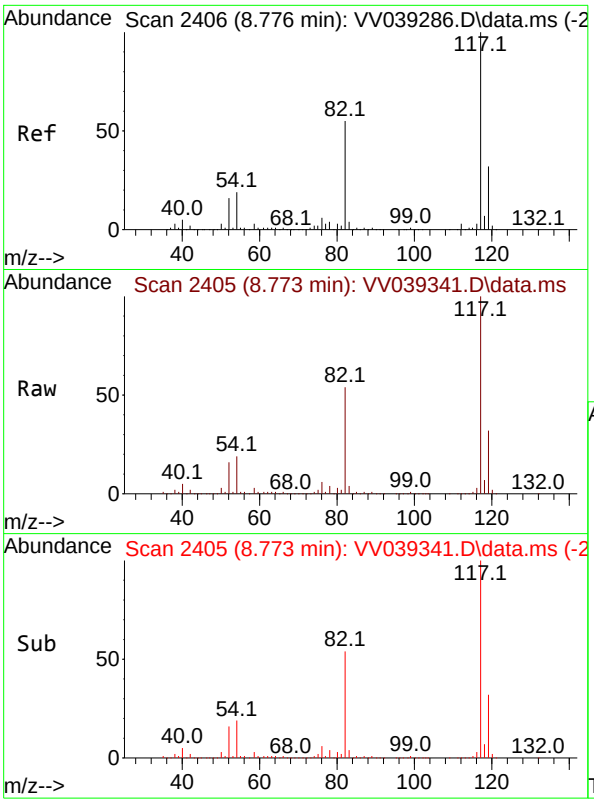


#62
4-Bromofluorobenzene
Concen: 48.908 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion: 95 Resp: 807720

Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	153.6
176	74.1	0.0	146.0



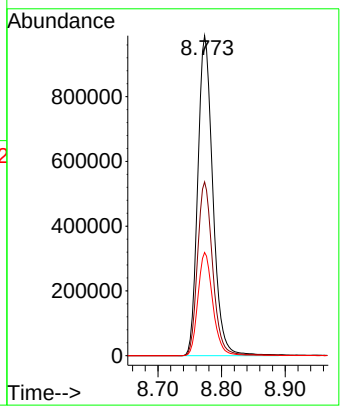


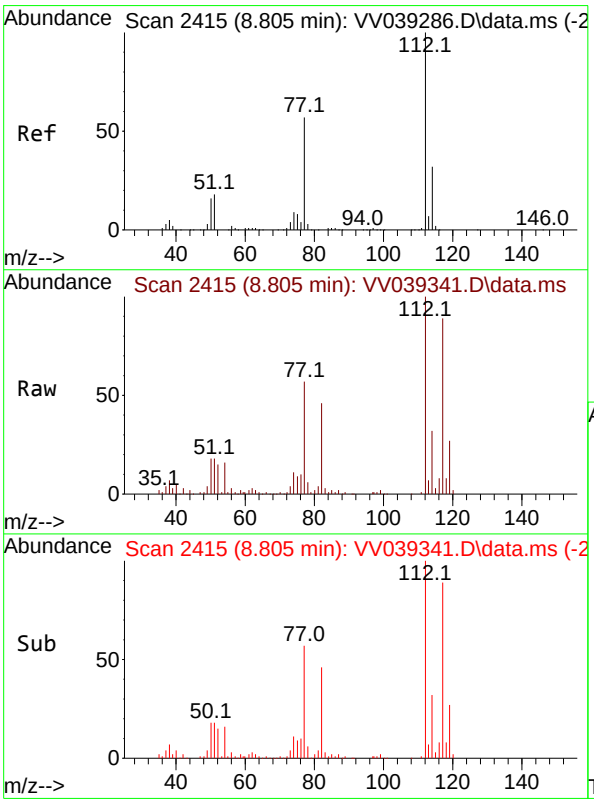
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 1622898

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.8	65.8
119	32.3	25.8	38.6

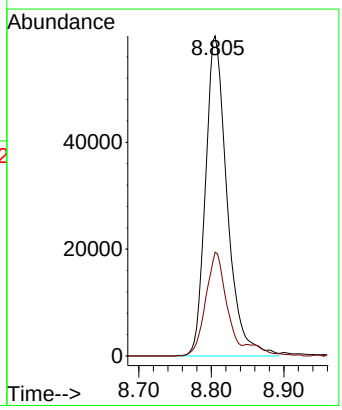


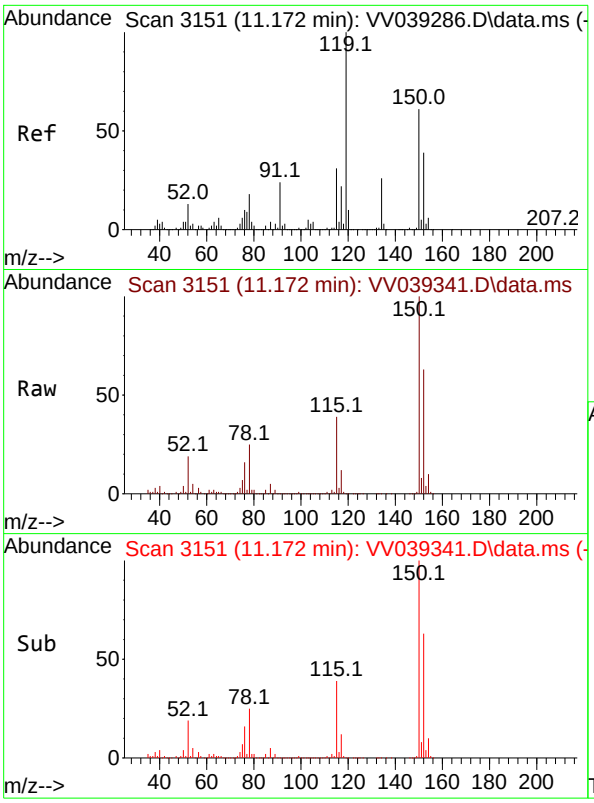


#65
Chlorobenzene
Concen: 3.229 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion:112 Resp: 124056

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.7	38.5



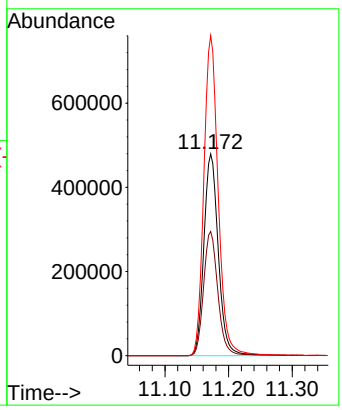


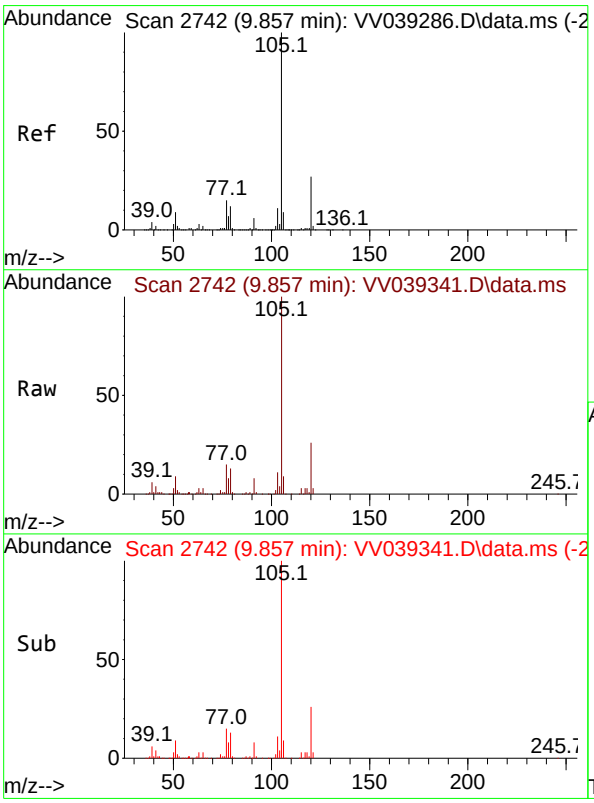
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:152 Resp: 753769

Ion	Ratio	Lower	Upper
152	100		
115	61.3	42.3	126.8
150	158.4	0.0	348.0

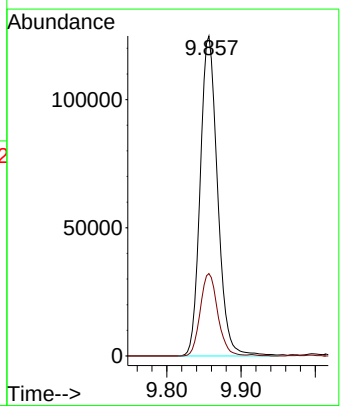


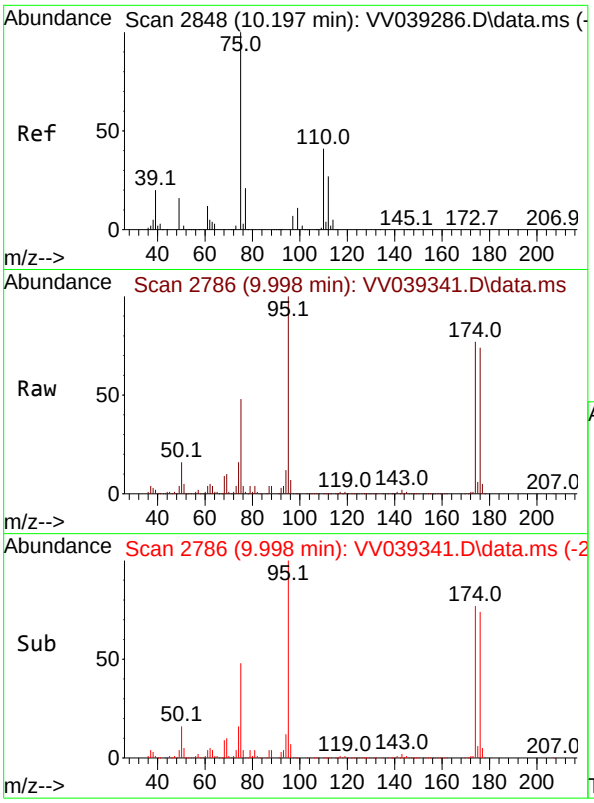


#73
Isopropylbenzene
Concen: 4.427 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion:105 Resp: 202650

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.2	39.5



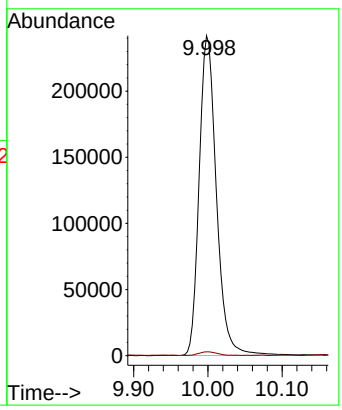


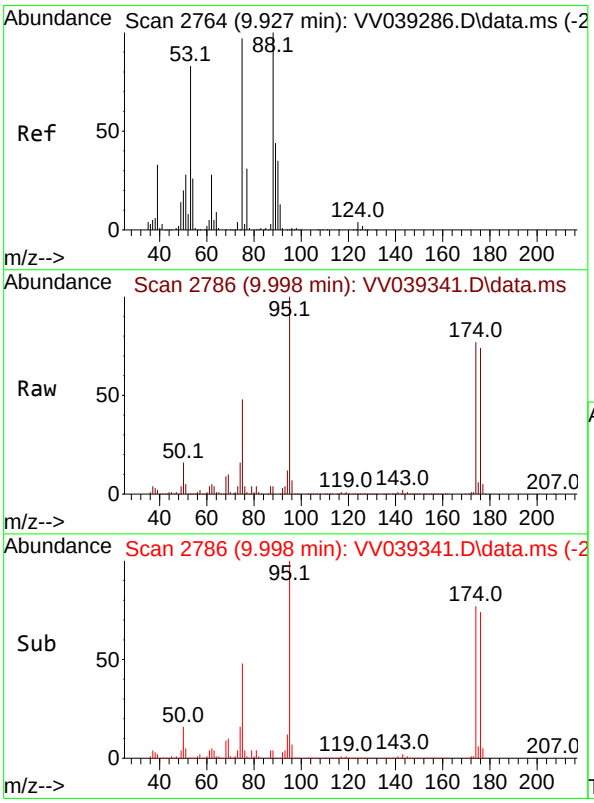
#76
1,2,3-Trichloropropane
Concen: 25.866 ug/l
RT: 9.998 min Scan# 2
Delta R.T. -0.199 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 389135

Ion	Ratio	Lower	Upper
75	100		
77	1.2	12.2	36.4#

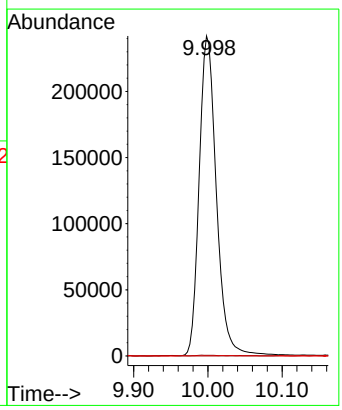


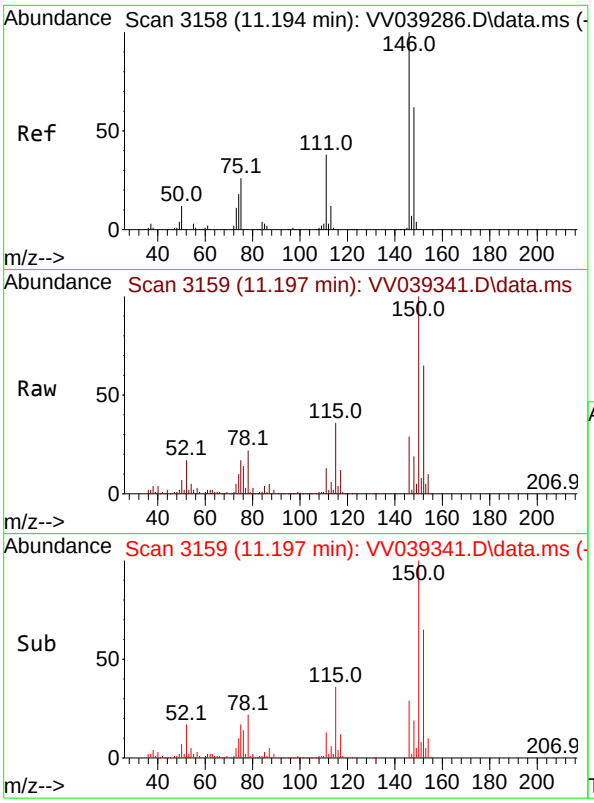


#81
trans-1,4-Dichloro-2-butene
Concen: 65.324 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.071 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Tgt Ion: 75 Resp: 389135

Ion	Ratio	Lower	Upper
75	100		
53	0.1	69.9	104.9#
89	0.0	37.4	56.0#





#88
1,4-Dichlorobenzene
Concen: 1.278 ug/l
RT: 11.197 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039341.D
Acq: 05 Nov 2025 17:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 35896

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.7	59.0#
148	70.4	31.5	94.5