Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062422\
Data File : VL039347.D
Acq On : 24 Jun 2022 19:03
Operator : SY/AP
Sample : N3453-05
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-1

Quant Time: Jun 27 01:50:47 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1101699	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3082317	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2686547	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2029890	9.14	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 91.40%			
Target Compounds						Qvalue
4) Chloromethane	3.15	50	3544	0.049	ppbv #	75
9) Propene	3.02	41	27241	0.446	ppbv	92
11) Trichlorofluoromethane	3.95	101	35497	0.203	ppbv	92
13) Ethanol	3.59	45	1470711	441.208	ppbv #	100
15) Acetone	3.84	43	546283	4.760	ppbv	98
17) tert-Butyl alcohol	4.29	59	5079	0.057	ppbv #	14
19) Isopropyl Alcohol	3.96	45	29578	0.550	ppbv #	1
20) Methylene Chloride	4.34	84	429723	8.886	ppbv	91
23) Vinyl Acetate	5.06	43	65987	0.695	ppbv #	79
25) Ethyl Acetate	5.68	43	283972	1.098	ppbv #	77
26) Hexane	5.68	57	407510	3.585	ppbv #	39
34) 2-Butanone	5.24	43	125237	0.748	ppbv	92
36) Benzene	6.89	78	9158	0.037	ppbv #	92
39) 1,2-Dichloropropane	7.17	63	748766	7.523	ppbv #	23
41) Tetrahydrofuran	6.05	42	3715	0.037	ppbv #	45
50) 4-Methyl-2-Pentanone	8.75	43	60040	0.240	ppbv #	39
51) 2-Hexanone	10.14	43	56186	0.288	ppbv #	98
53) Toluene	9.80	91	262624	0.911	ppbv	100
73) 1,3,5-Trimethylbenzene	15.99	105	11973	0.037	ppbv #	82
74) 1,2,4-Trimethylbenzene	16.74	105	15005	0.042	ppbv #	64

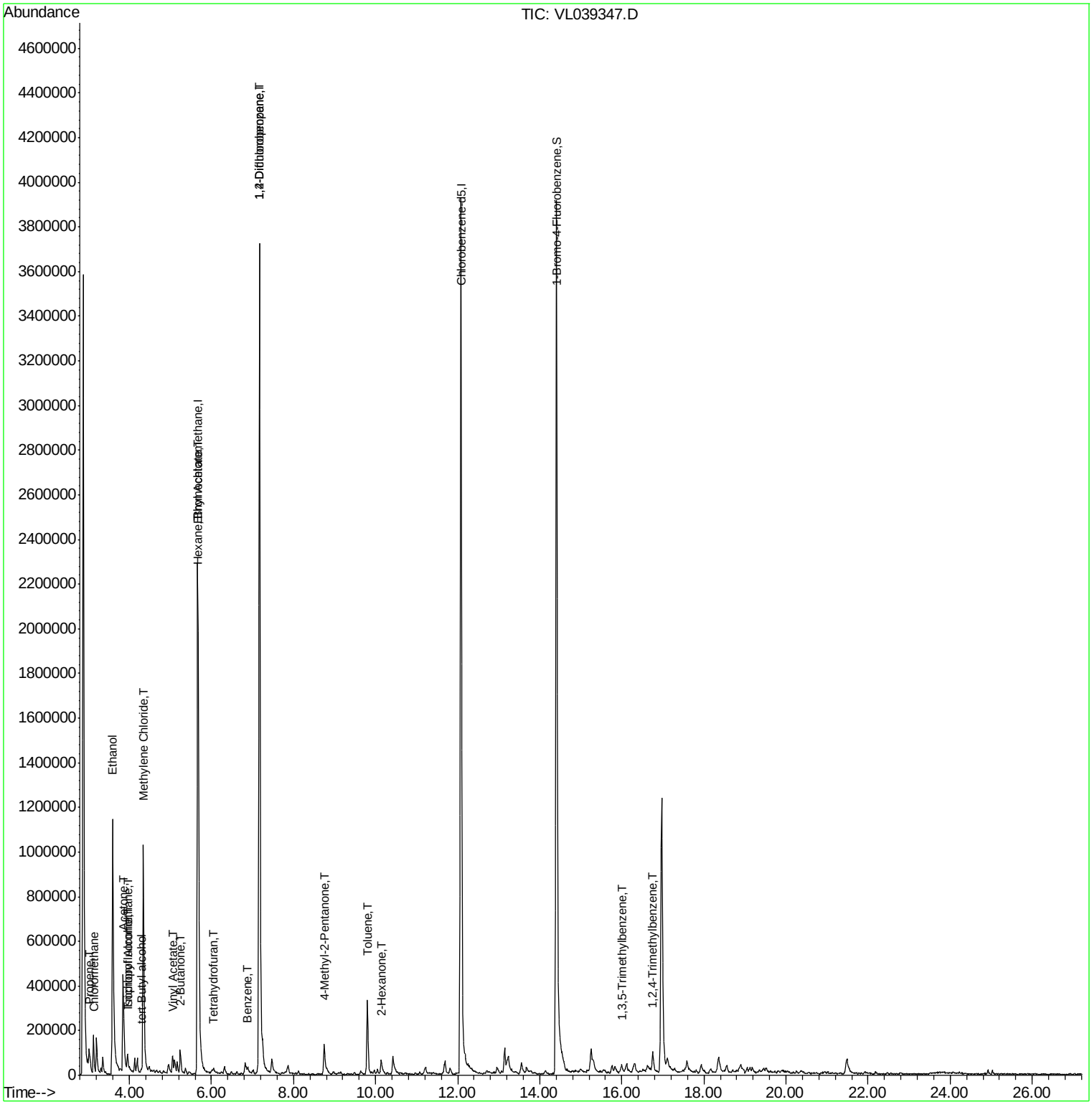
(#) = qualifier out of range (m) = manual integration (+) = signals summed

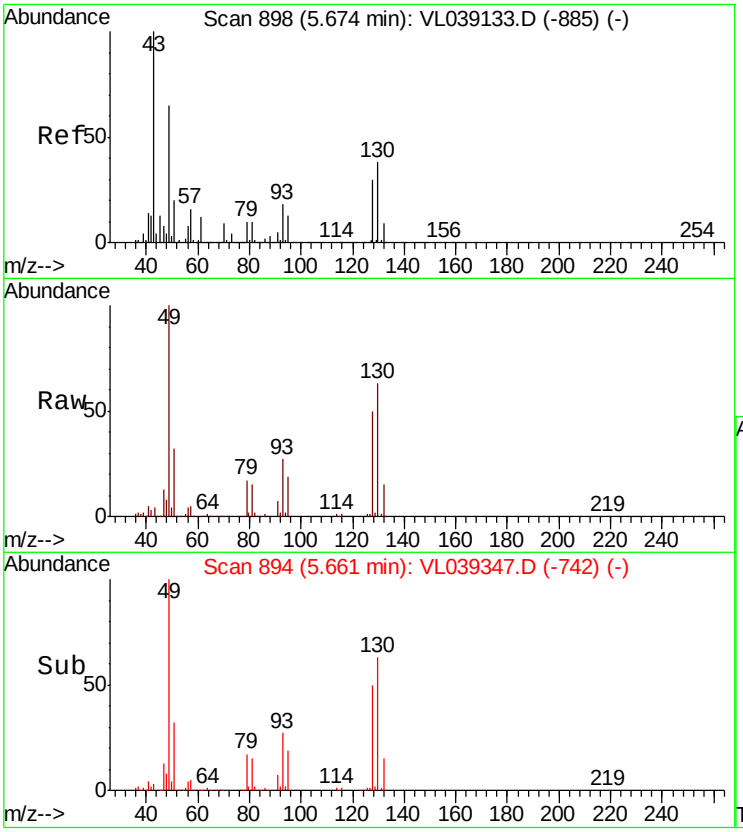
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062422\
Data File : VL039347.D
Acq On : 24 Jun 2022 19:03
Operator : SY/AP
Sample : N3453-05
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Quant Time: Jun 27 01:50:47 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration



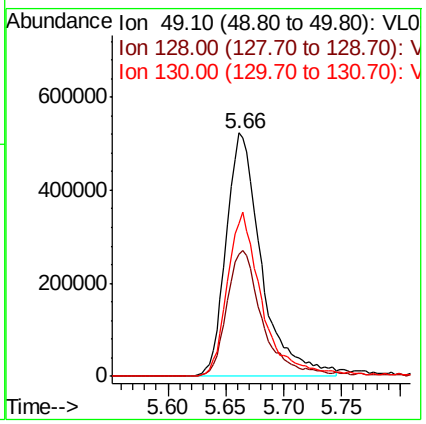


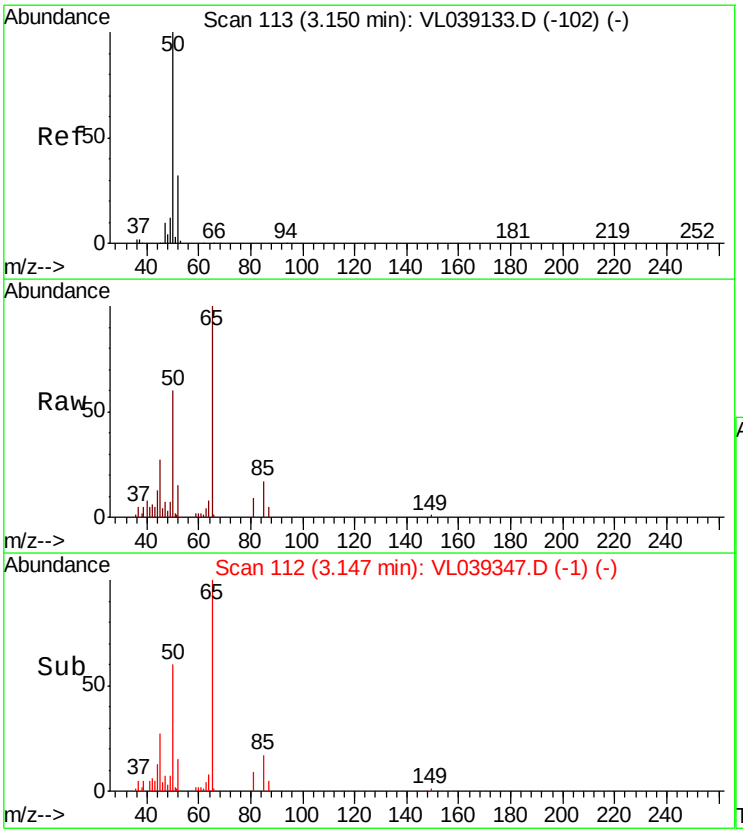
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 24 Jun 2022 19:03

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion: 49 Resp: 1101699

Ion	Ratio	Lower	Upper
49	100		
128	54.3	24.7	74.1
130	66.8	31.4	94.0

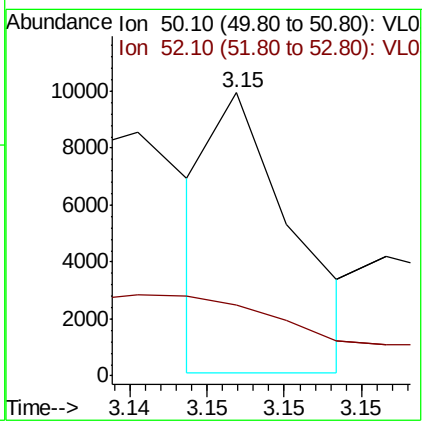


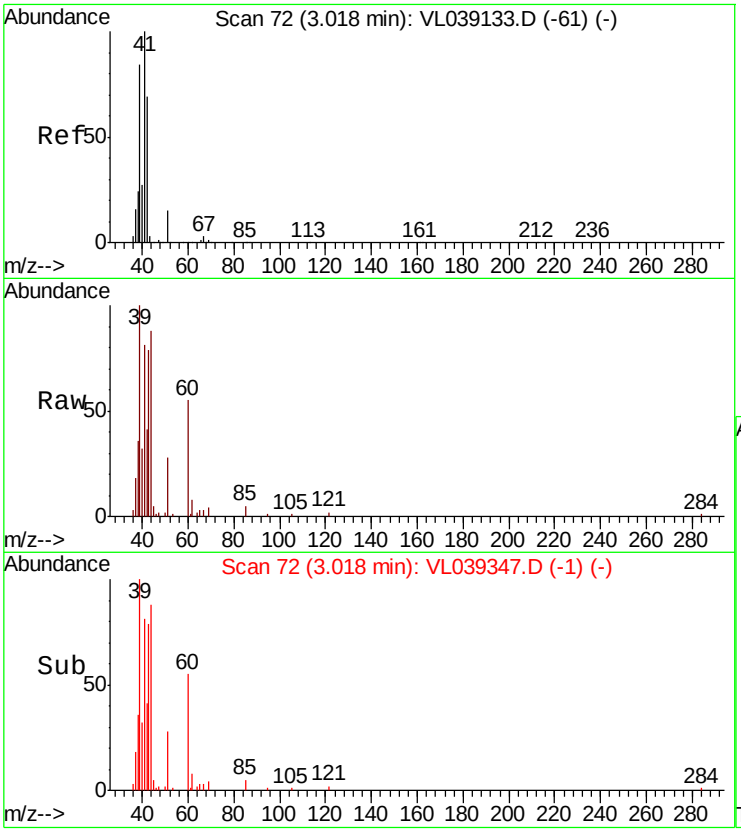


#4
Chloromethane
Concen: 0.049 ppbv
RT: 3.15 min Scan# 112
Delta R.T. -0.00 min
Lab File: VL039347.D
Acq: 24 Jun 2022 19:03

Tgt Ion: 50 Resp: 3544

Ion	Ratio	Lower	Upper
50	100		
52	18.1	25.9	38.9#



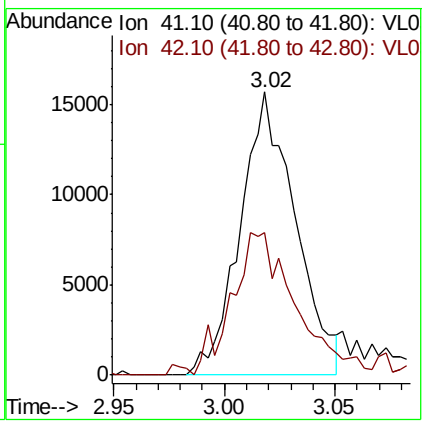


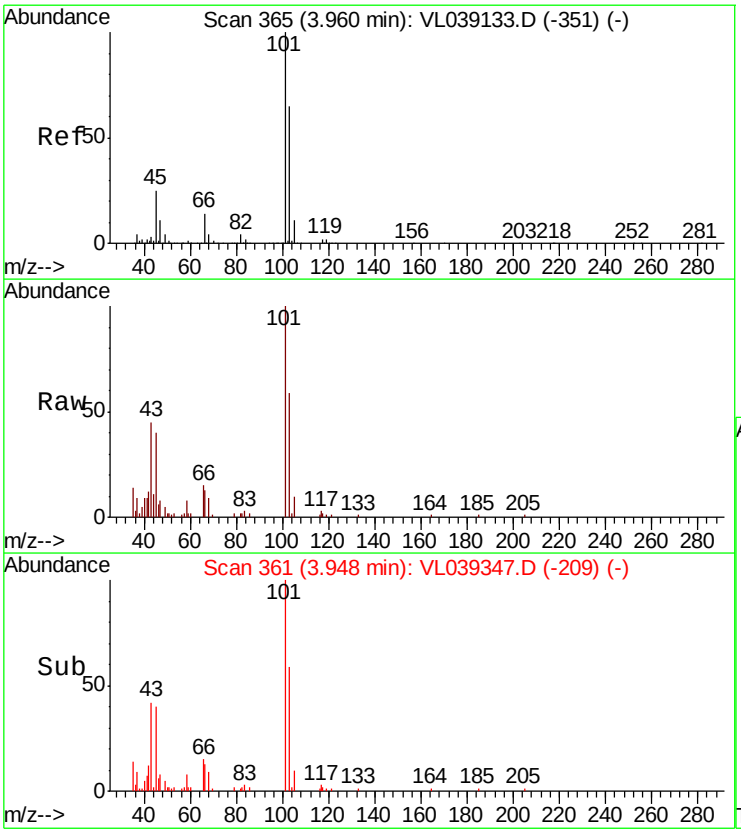
#9
Propene
Concen: 0.446 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 24 Jun 2022 19:03

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion: 41 Resp: 27241

Ion	Ratio	Lower	Upper
41	100		
42	62.7	55.4	83.2

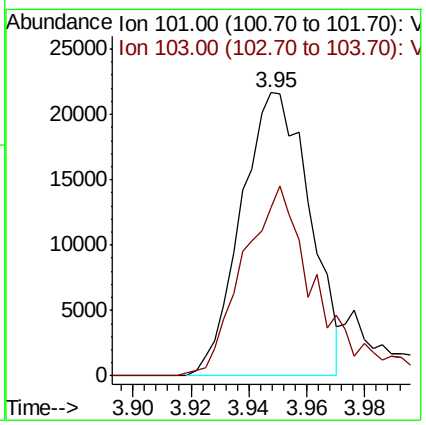


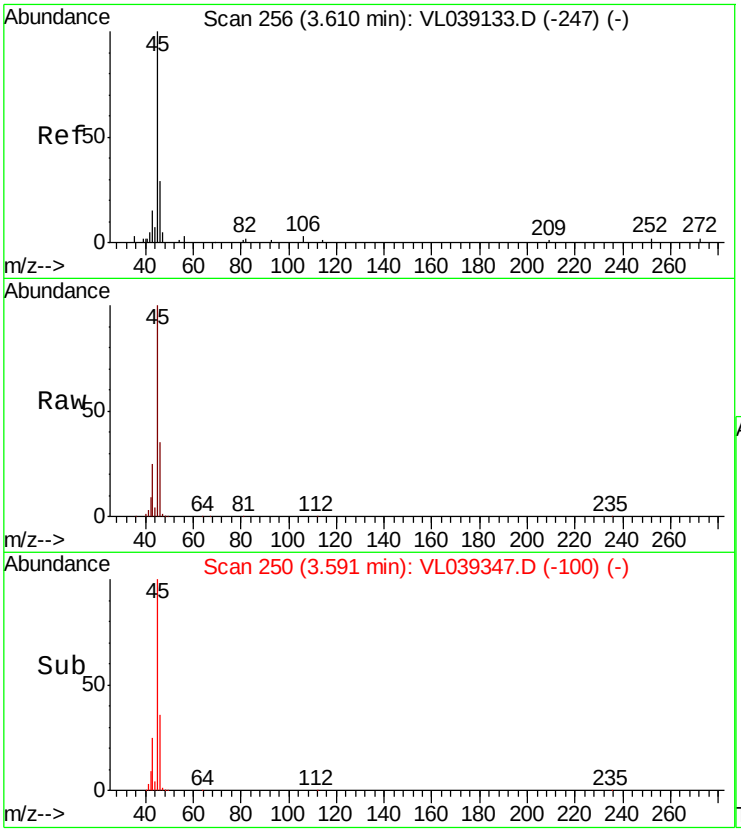


#11
Trichlorofluoromethane
Concen: 0.203 ppbv
RT: 3.95 min Scan# 361
Delta R.T. -0.01 min
Lab File: VL039347.D
Acq: 24 Jun 2022 19:03

Tgt Ion:101 Resp: 35497

Ion	Ratio	Lower	Upper
101	100		
103	58.5	51.7	77.5



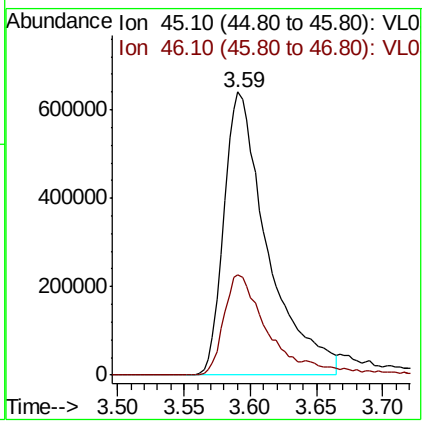


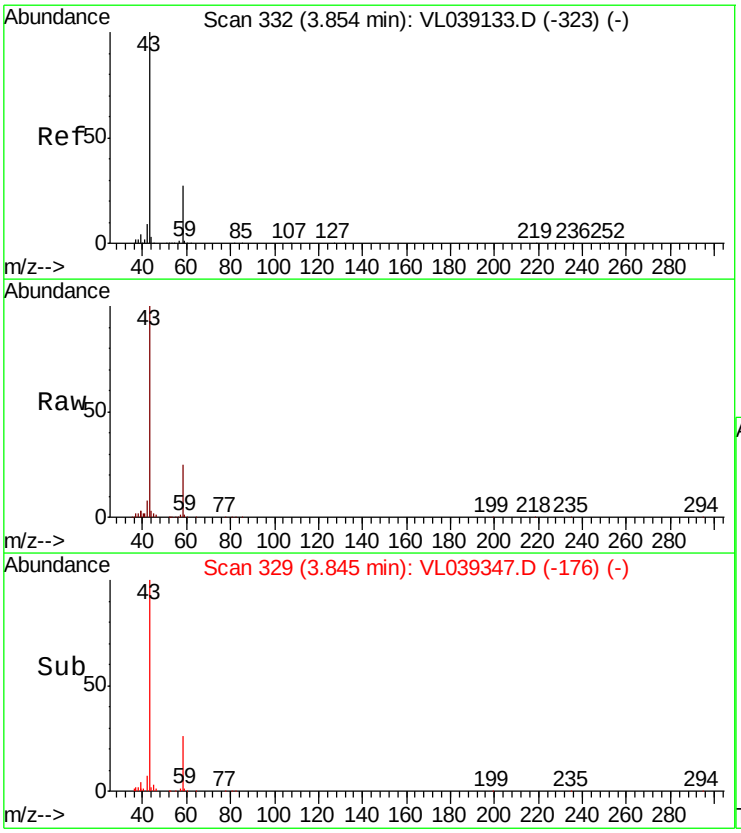
#13
Ethanol
Concen: 441.208 ppbv
RT: 3.59
Delta R.T
Lab File:
Acq: 24 Jun 2022 19:03

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion: 45 Resp: 1470711

Ion	Ratio	Lower	Upper
45	100		
46	38.8	0.0	0.0#

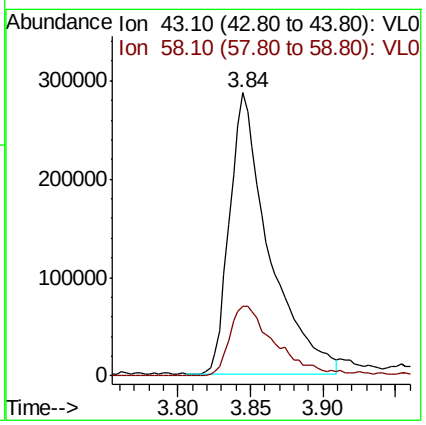


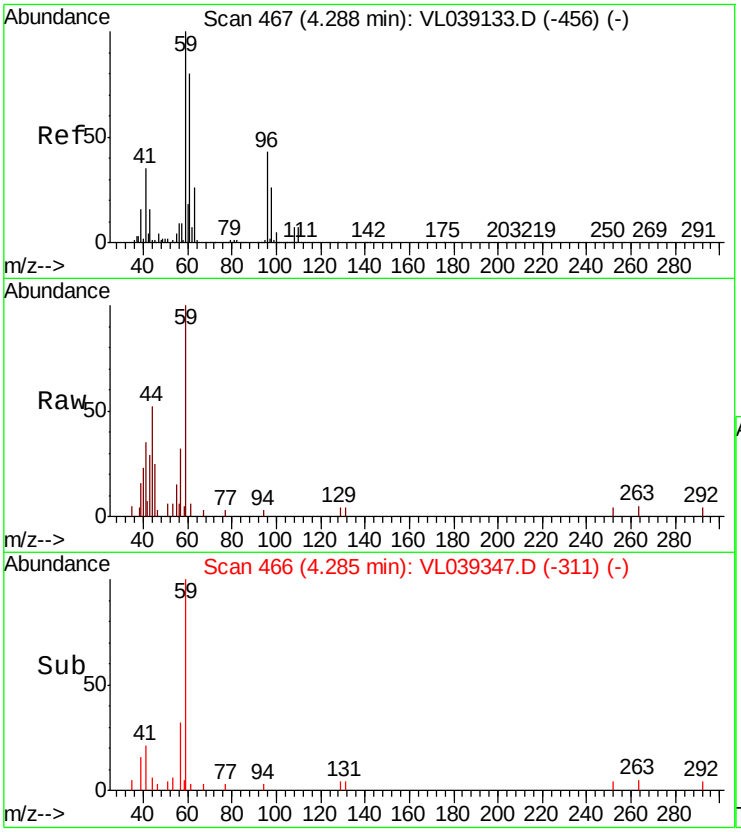


#15
Acetone
Concen: 4.760 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL039347.D
Acq: 24 Jun 2022 19:03

Tgt Ion: 43 Resp: 546283

Ion	Ratio	Lower	Upper
43	100		
58	29.2	22.5	33.7



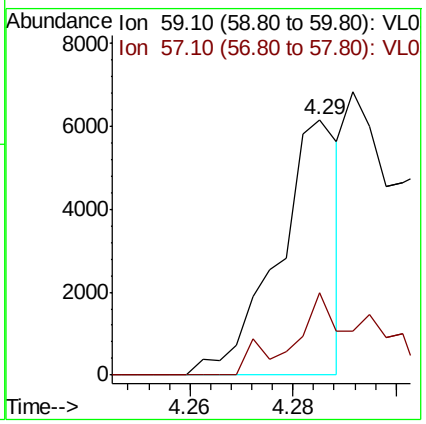


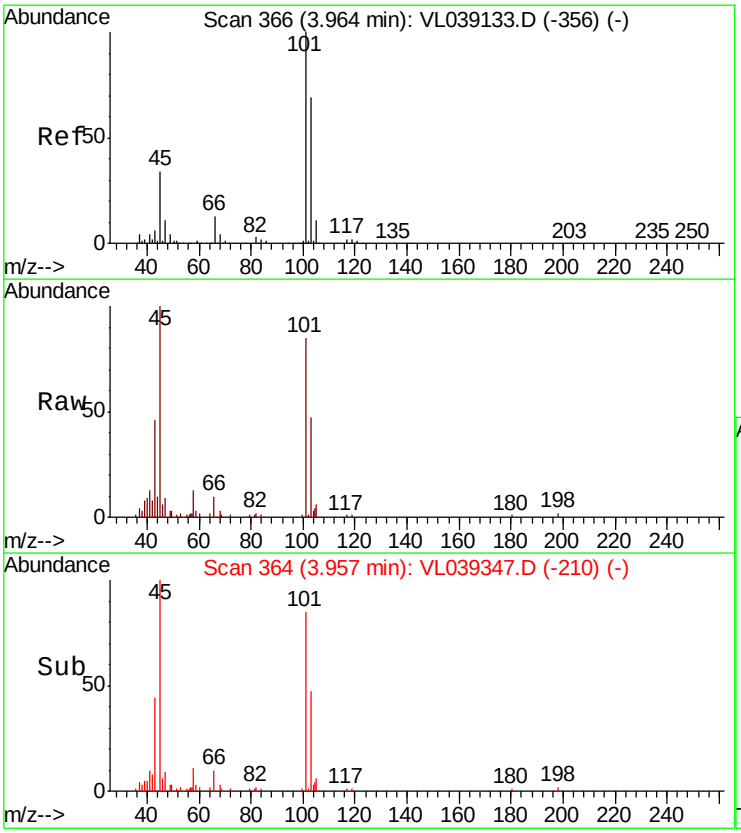
#17
tert-Butyl alcohol
Concen: 0.057 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 24 Jun 2022 19:03

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion: 59 Resp: 5079

Ion	Ratio	Lower	Upper
59	100		
57	44.2	9.1	13.7#

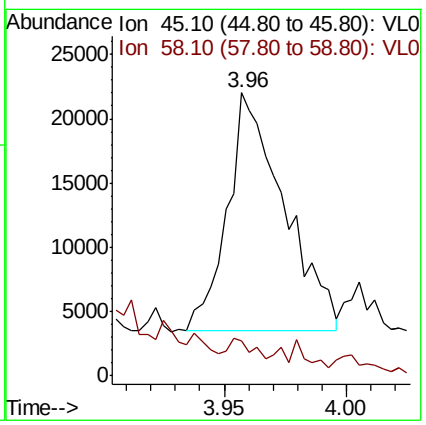


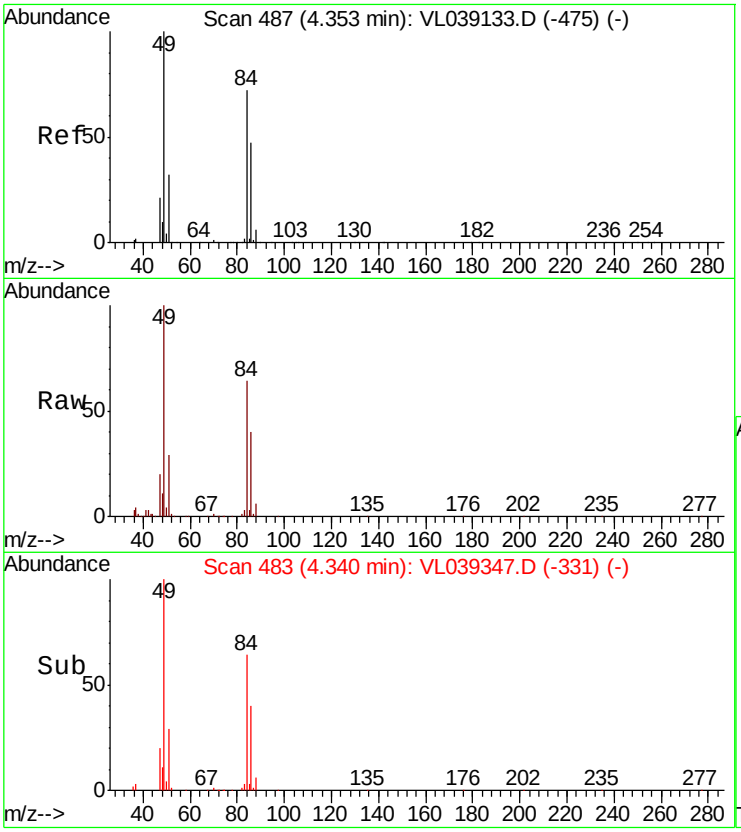


#19
Isopropyl Alcohol
Concen: 0.550 ppbv
RT: 3.96 min Scan# 364
Delta R.T. -0.01 min
Lab File: VL039347.D
Acq: 24 Jun 2022 19:03

Tgt Ion: 45 Resp: 29578

Ion	Ratio	Lower	Upper
45	100		
58	562.8	1.8	2.8#



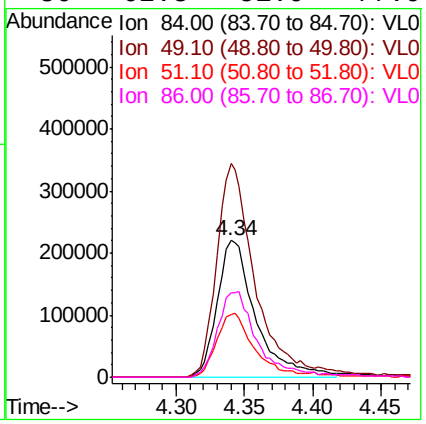


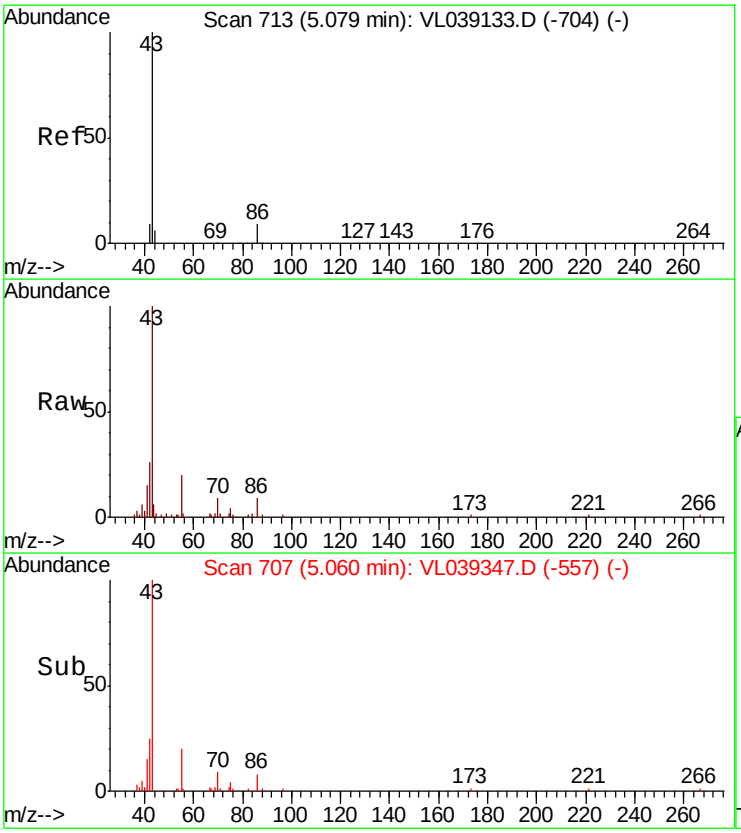
#20
Methylene Chloride
Concen: 8.886 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 24 Jun 2022 19:03

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion: 84 Resp: 429723

Ion	Ratio	Lower	Upper
84	100		
49	156.4	111.1	166.7
51	46.0	35.3	52.9
86	62.3	51.9	77.9

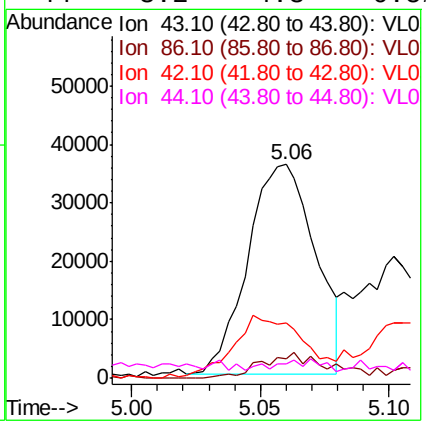


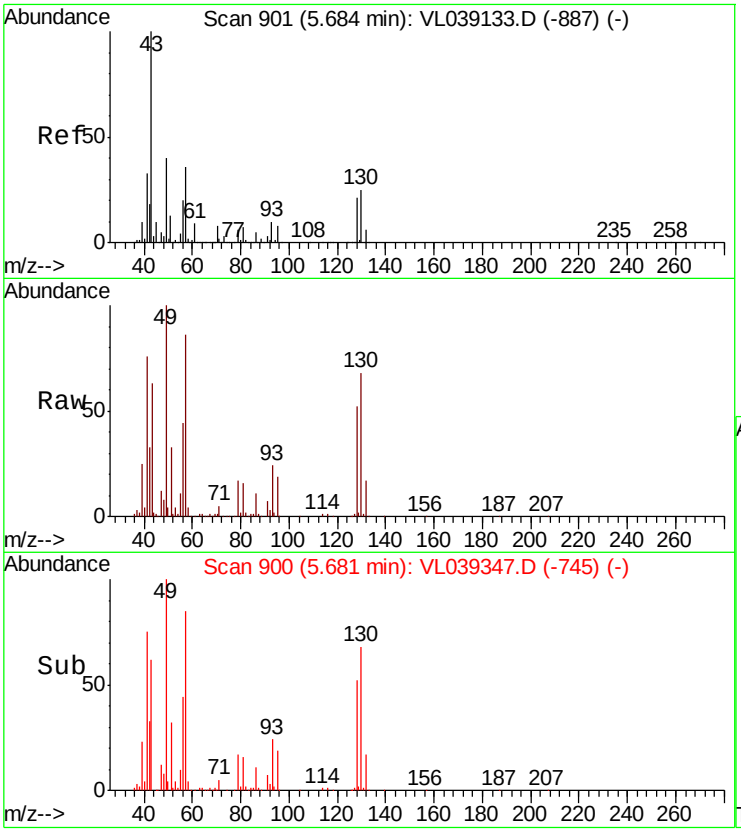


#23
Vinyl Acetate
Concen: 0.695 ppbv
RT: 5.06 min Scan# 707
Delta R.T. -0.02 min
Lab File: VL039347.D
Acq: 24 Jun 2022 19:03

Tgt Ion: 43 Resp: 65987

Ion	Ratio	Lower	Upper
43	100		
86	9.0	6.0	9.0#
42	25.2	8.2	12.4#
44	3.2	4.3	6.5#



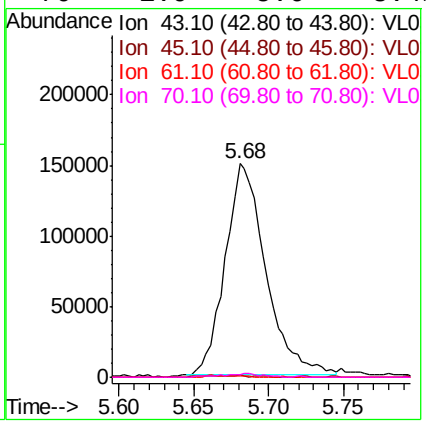


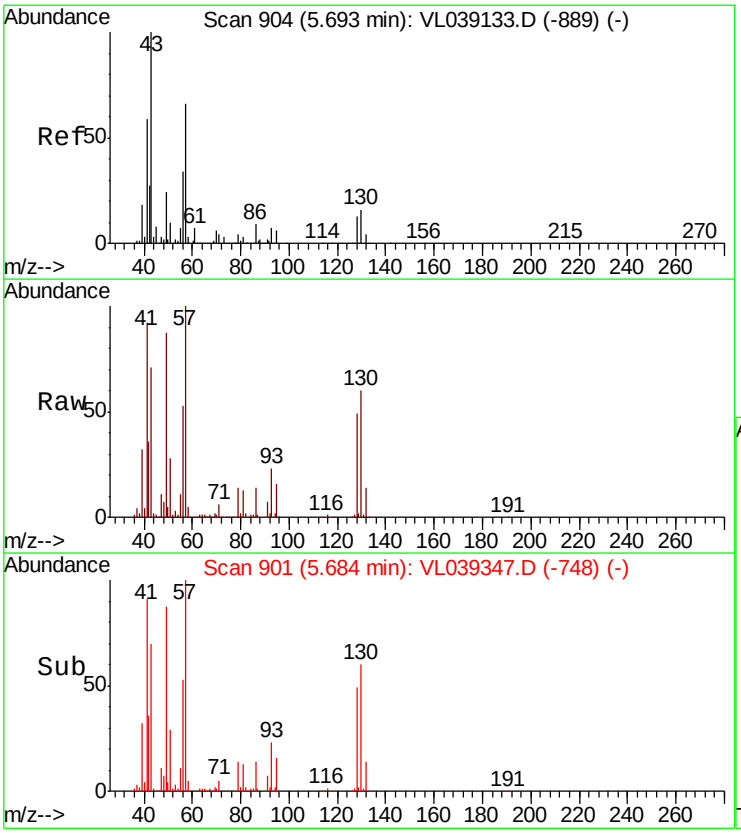
#25
Ethyl Acetate
Concen: 1.098 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 24 Jun 2022 19:03

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion: 43 Resp: 283972

Ion	Ratio	Lower	Upper
43	100		
45	1.2	8.2	12.2#
61	0.7	8.4	12.6#
70	1.9	5.6	8.4#

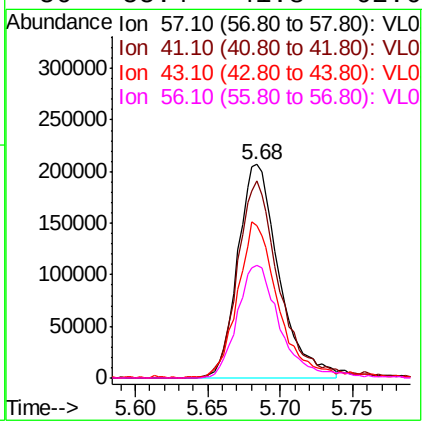


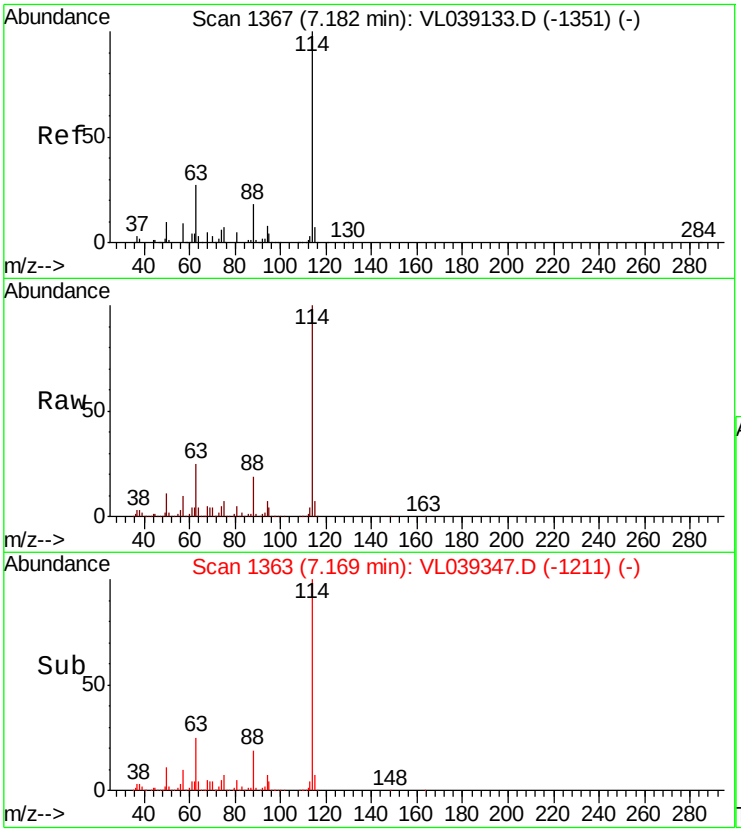


#26
Hexane
Concen: 3.585 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL039347.D
Acq: 24 Jun 2022 19:03

Tgt Ion: 57 Resp: 407510

Ion	Ratio	Lower	Upper
57	100		
41	95.7	72.4	108.6
43	75.4	187.0	280.6#
56	55.4	41.8	62.6



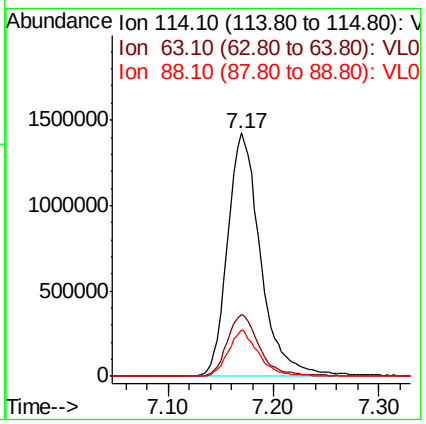


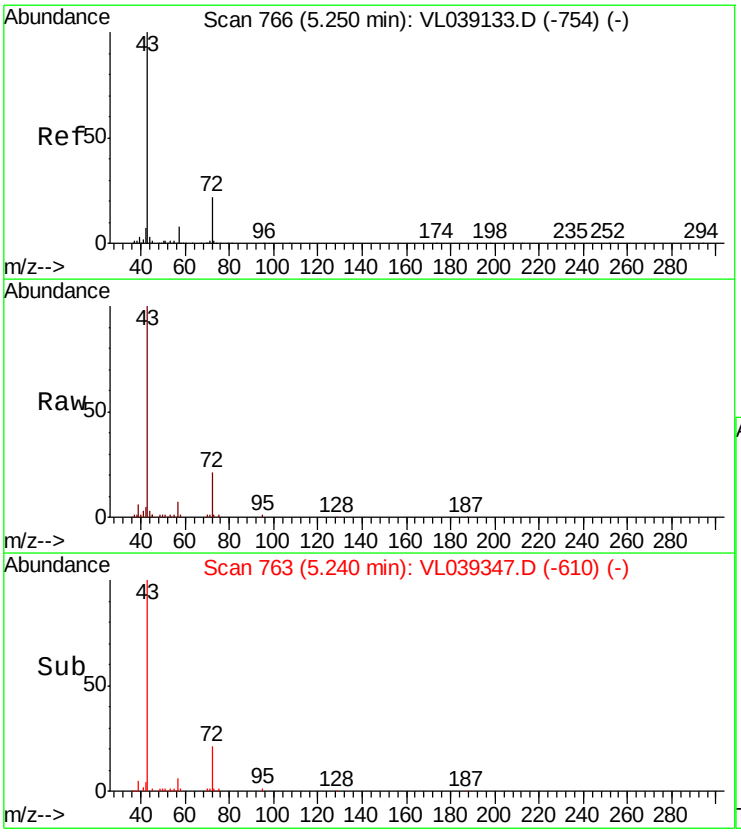
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 24 Jun 2022 19:03

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion:114 Resp: 3082317

Ion	Ratio	Lower	Upper
114	100		
63	25.2	21.7	32.5
88	17.8	14.8	22.2

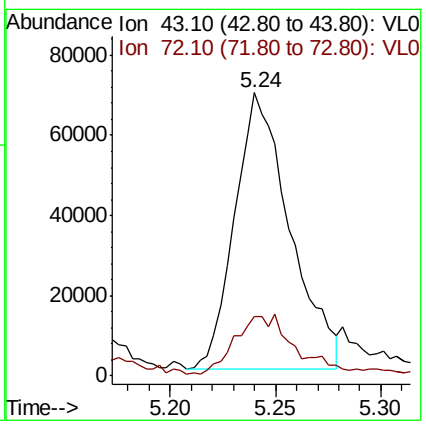


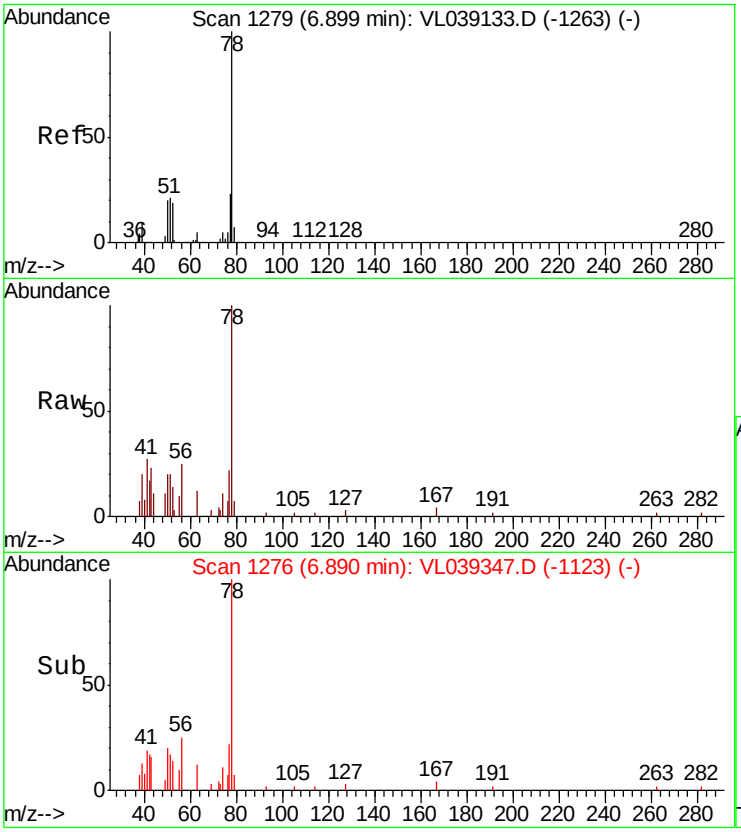


#34
2-Butanone
Concen: 0.748 ppbv
RT: 5.24 min Scan# 763
Delta R.T. -0.01 min
Lab File: VL039347.D
Acq: 24 Jun 2022 19:03

Tgt Ion: 43 Resp: 125237

Ion	Ratio	Lower	Upper
43	100		
72	26.5	18.2	27.2



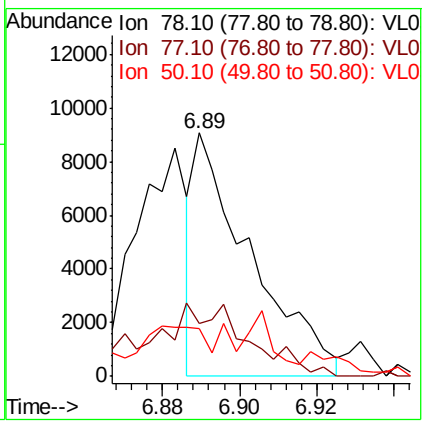


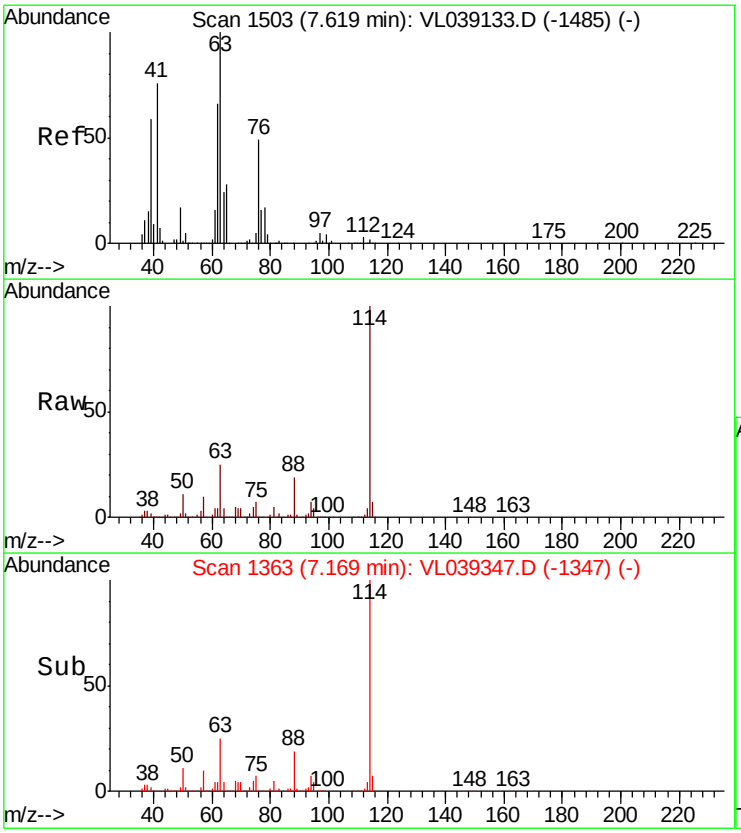
#36
Benzene
Concen: 0.037 ppbv
RT: 6.89
Delta R.T
Lab File:
Acq: 24 Jun 2022 19:03

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion: 78 Resp: 9158

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	27.8
50	12.6	15.8	23.8#

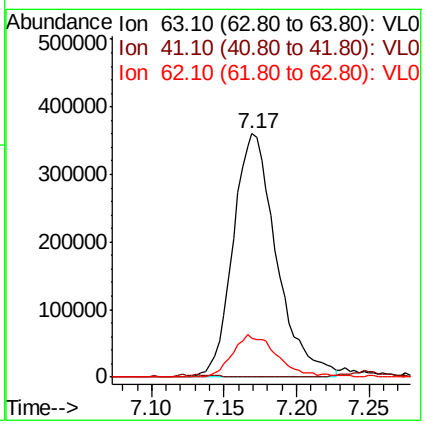


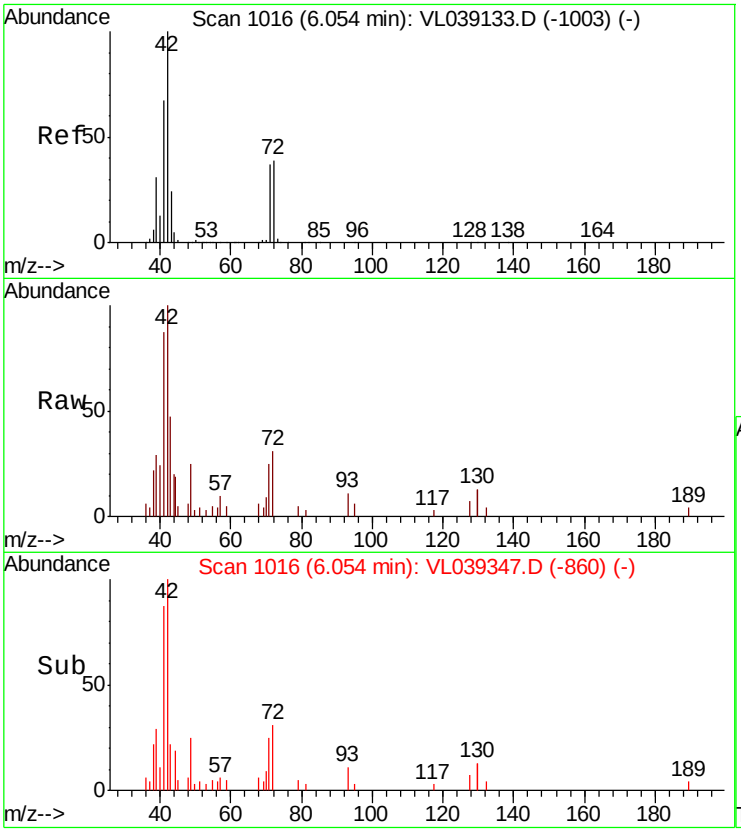


#39
1,2-Dichloropropane
Concen: 7.523 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.45 min
Lab File: VL039347.D
Acq: 24 Jun 2022 19:03

Tgt Ion: 63 Resp: 748766

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	16.1	52.9	79.3#



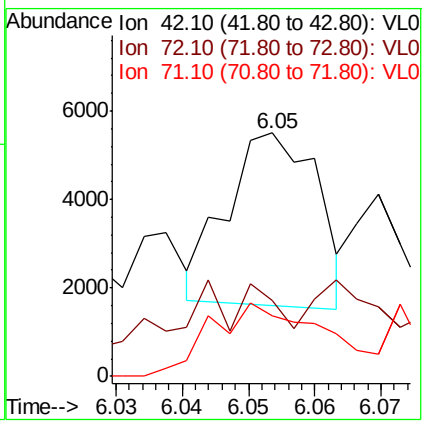


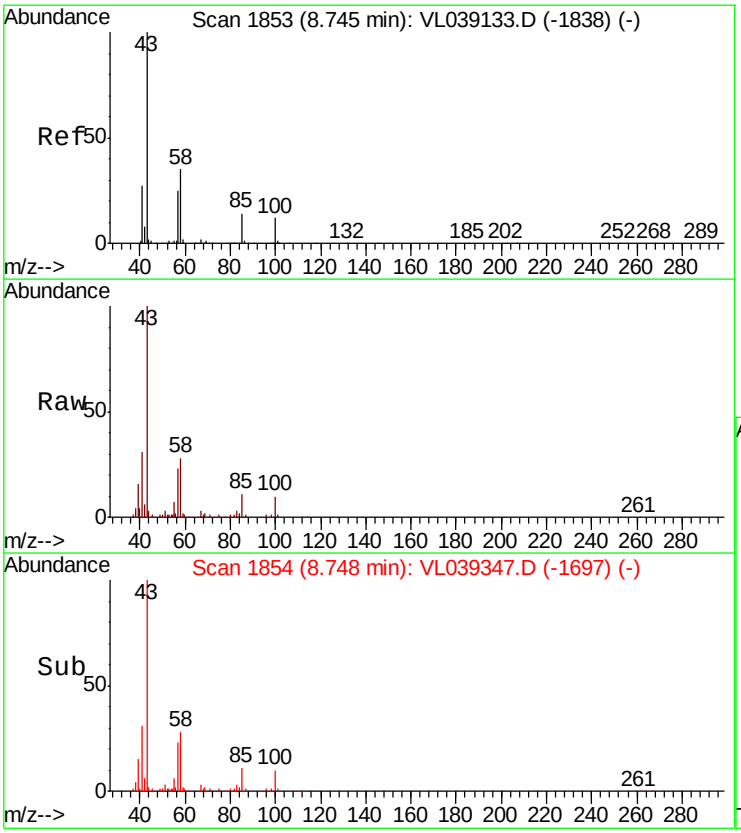
#41
Tetrahydrofuran
Concen: 0.037 ppbv
RT: 6.05
Delta R.T
Lab File:
Acq: 24 Jun 2022 19:03

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion: 42 Resp: 3715

Ion	Ratio	Lower	Upper
42	100		
72	17.0	32.0	48.0#
71	83.2	31.1	46.7#

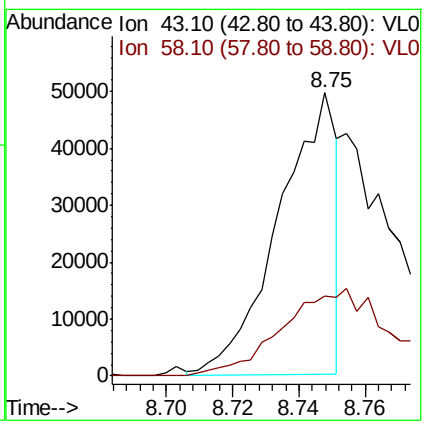


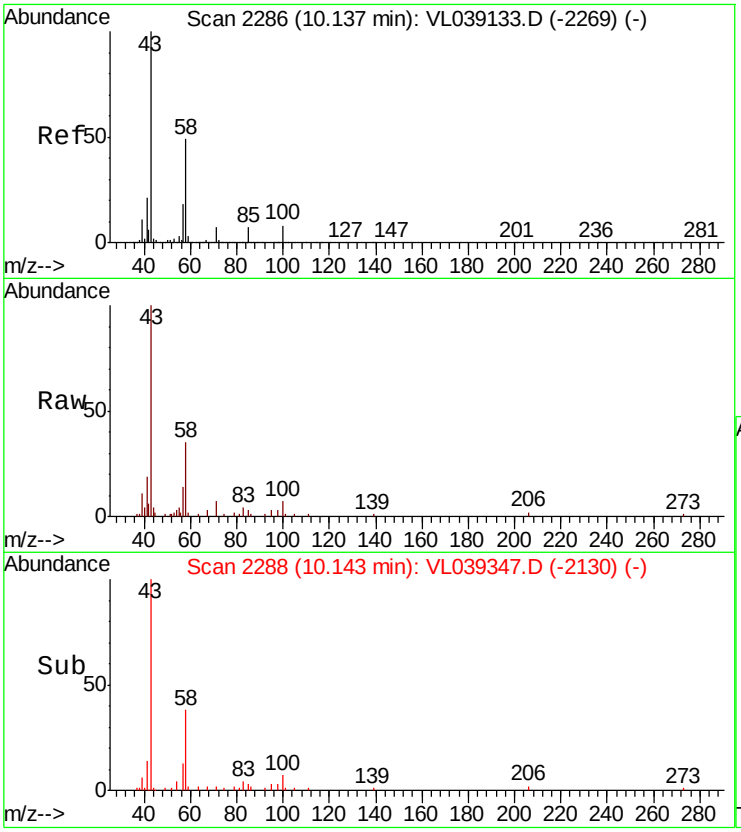


#50
4-Methyl-2-Pentanone
Concen: 0.240 ppbv
RT: 8.75 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VL039347.D
Acq: 24 Jun 2022 19:03

Tgt Ion: 43 Resp: 60040

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.7	43.1#



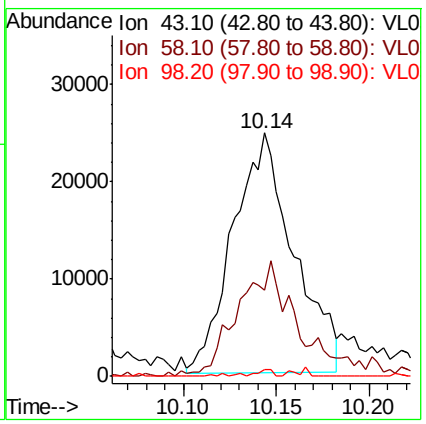


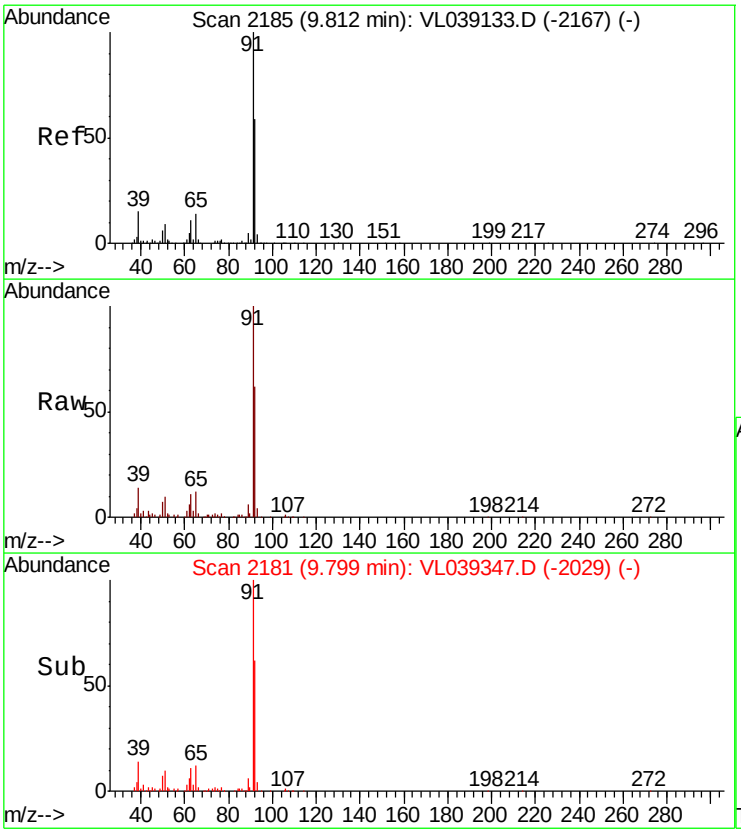
#51
2-Hexanone
Concen: 0.288 ppbv
RT: 10.14
Delta R.T
Lab File:
Acq: 24 Jun 2022 19:03

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion: 43 Resp: 56186

Ion	Ratio	Lower	Upper
43	100		
58	49.0	40.0	60.0
98	1.0	0.1	0.1#

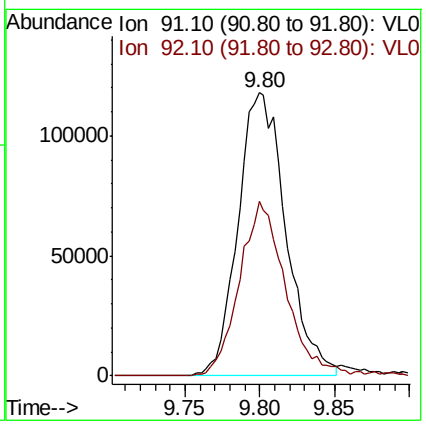


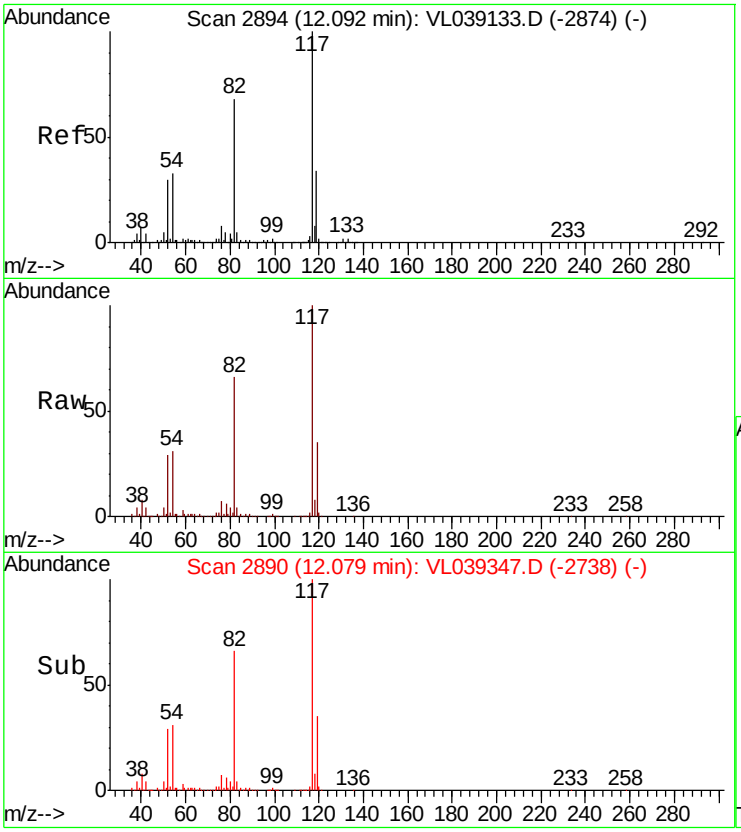


#53
Toluene
Concen: 0.911 ppbv
RT: 9.80 min Scan# 2181
Delta R.T. -0.01 min
Lab File: VL039347.D
Acq: 24 Jun 2022 19:03

Tgt Ion: 91 Resp: 262624

Ion	Ratio	Lower	Upper
91	100		
92	60.0	48.1	72.1



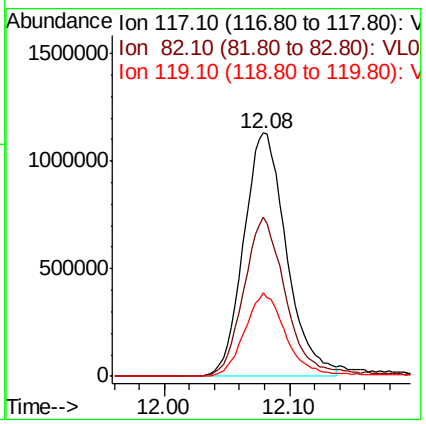


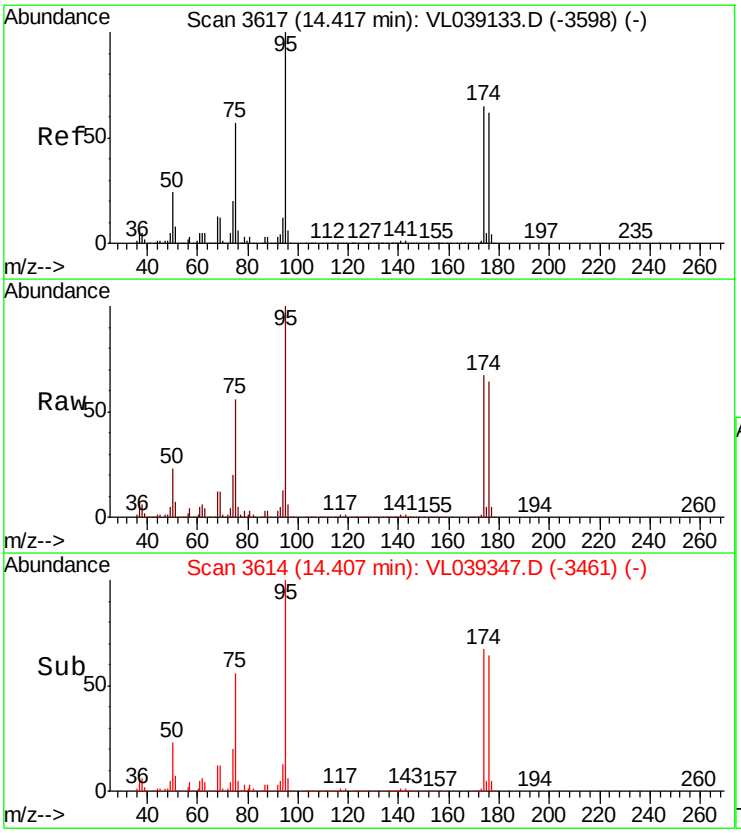
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 24 Jun 2022 19:03

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion:117 Resp: 2686547

Ion	Ratio	Lower	Upper
117	100		
82	67.1	55.1	82.7
119	34.5	24.7	37.1

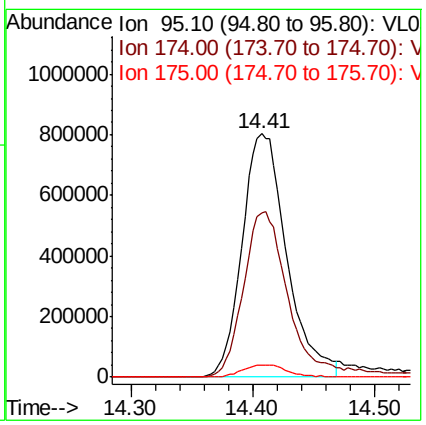


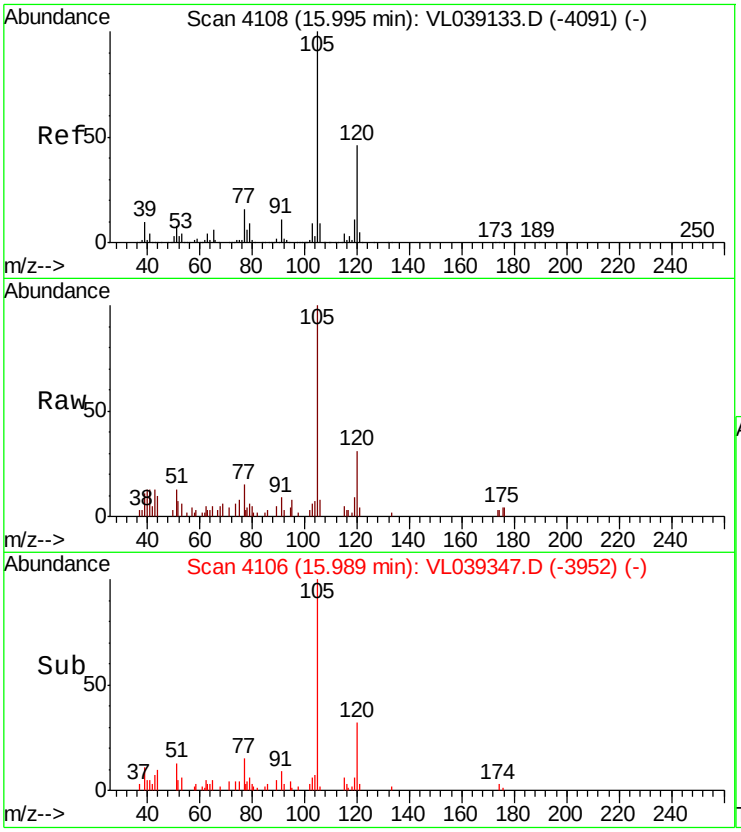


#68
1-Bromo-4-Fluorobenzene
Concen: 9.139 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL039347.D
Acq: 24 Jun 2022 19:03

Tgt Ion: 95 Resp: 2029890

Ion	Ratio	Lower	Upper
95	100		
174	72.4	53.8	80.8
175	5.3	4.1	6.1



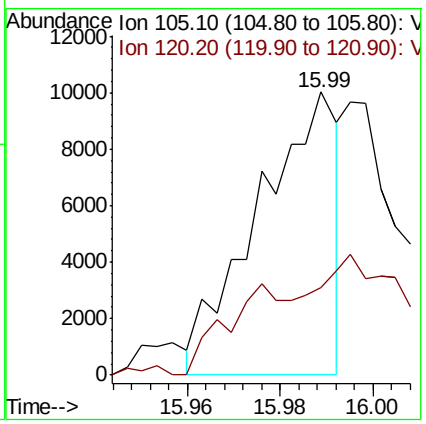


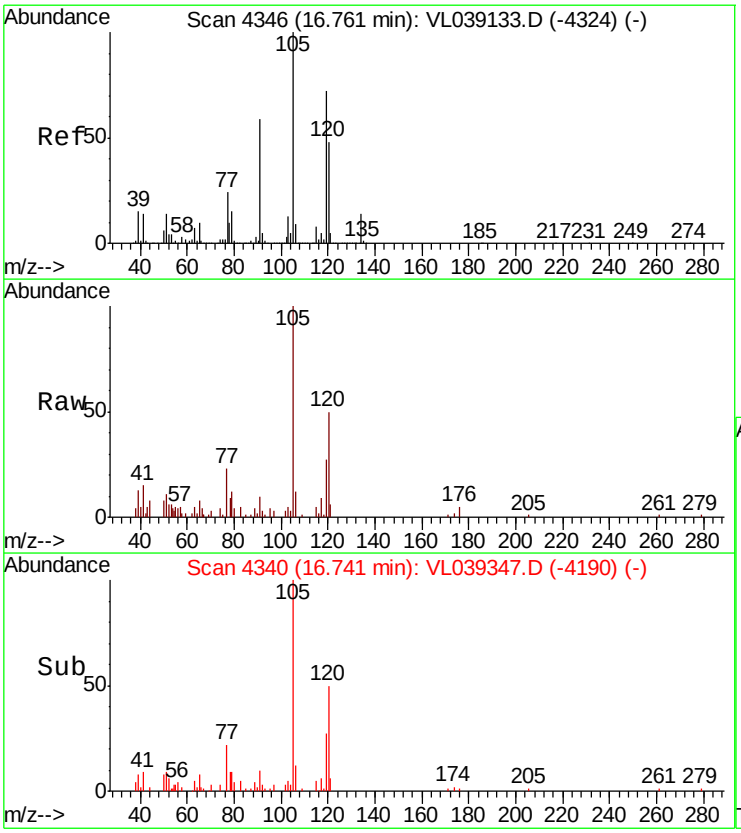
#73
1,3,5-Trimethylbenzene
Concen: 0.037 ppbv
RT: 15.99
Delta R.T
Lab File:
Acq: 24 Jun 2022 19:03

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion:105 Resp: 11973

Ion	Ratio	Lower	Upper
105	100		
120	34.0	36.7	55.1#





#74
1,2,4-Trimethylbenzene
Concen: 0.042 ppbv
RT: 16.74 min Scan# 4340
Delta R.T. -0.02 min
Lab File: VL039347.D
Acq: 24 Jun 2022 19:03

Tgt Ion:105 Resp: 15005

Ion	Ratio	Lower	Upper
105	100		
120	49.7	38.1	57.1
91	3.1	47.4	71.0#
77	22.5	19.5	29.3