Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070522\
Data File : VL039433.D
Acq On : 6 Jul 2022 00:24
Operator : SY/AP
Sample : N3573-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : OA1

Quant Time: Jul 06 02:37:46 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1143345	10.00	ppbv		0.03
33) 1,4-Difluorobenzene	7.19	114	3098977	10.00	ppbv		0.03
55) Chlorobenzene-d5	12.10	117	2680059	10.00	ppbv		0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	1983716	9.98	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	53421	0.324	ppbv		90
3) Chlorodifluoromethane	3.00	51	66043	0.455	ppbv	#	88
4) Chloromethane	3.15	50	19098	0.241	ppbv	#	80
9) Propene	3.02	41	51863	0.792	ppbv		90
10) Heptane	8.14	43	5516	0.036	ppbv	#	27
11) Trichlorofluoromethane	3.97	101	37687	0.205	ppbv		95
13) Ethanol	3.61	45	133441	35.111	ppbv		77
15) Acetone	3.86	43	1273503	9.415	ppbv		99
16) 1,3-Butadiene	3.33	39	5988	0.085	ppbv	#	61
19) Isopropyl Alcohol	3.98	45	40486	0.561	ppbv	#	38
20) Methylene Chloride	4.36	84	2230545	41.371	ppbv		97
23) Vinyl Acetate	5.07	43	57484	0.636	ppbv	#	65
25) Ethyl Acetate	5.70	43	1091186	3.934	ppbv	#	76
26) Hexane	5.70	57	1561220	13.964	ppbv	#	39
30) Cyclohexane	7.15	84	3179	0.031	ppbv	#	1
34) 2-Butanone	5.26	43	58681	0.376	ppbv		93
36) Benzene	6.90	78	91404	0.381	ppbv		94
39) 1,2-Dichloropropane	7.19	63	772097	8.617	ppbv	#	26
41) Tetrahydrofuran	5.70	42	567422	6.277	ppbv	#	49
43) Methyl Methacrylate	8.03	69	3642	0.040	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.89	57	30078	0.074	ppbv	#	3
53) Toluene	9.82	91	208027	0.752	ppbv		100
59) m/p-Xylene	13.01	91	25909	0.085	ppbv	#	32
60) o-Xylene	13.70	91	36741	0.127	ppbv		91
74) 1,2,4-Trimethylbenzene	16.78	105	36899	0.107	ppbv	#	68

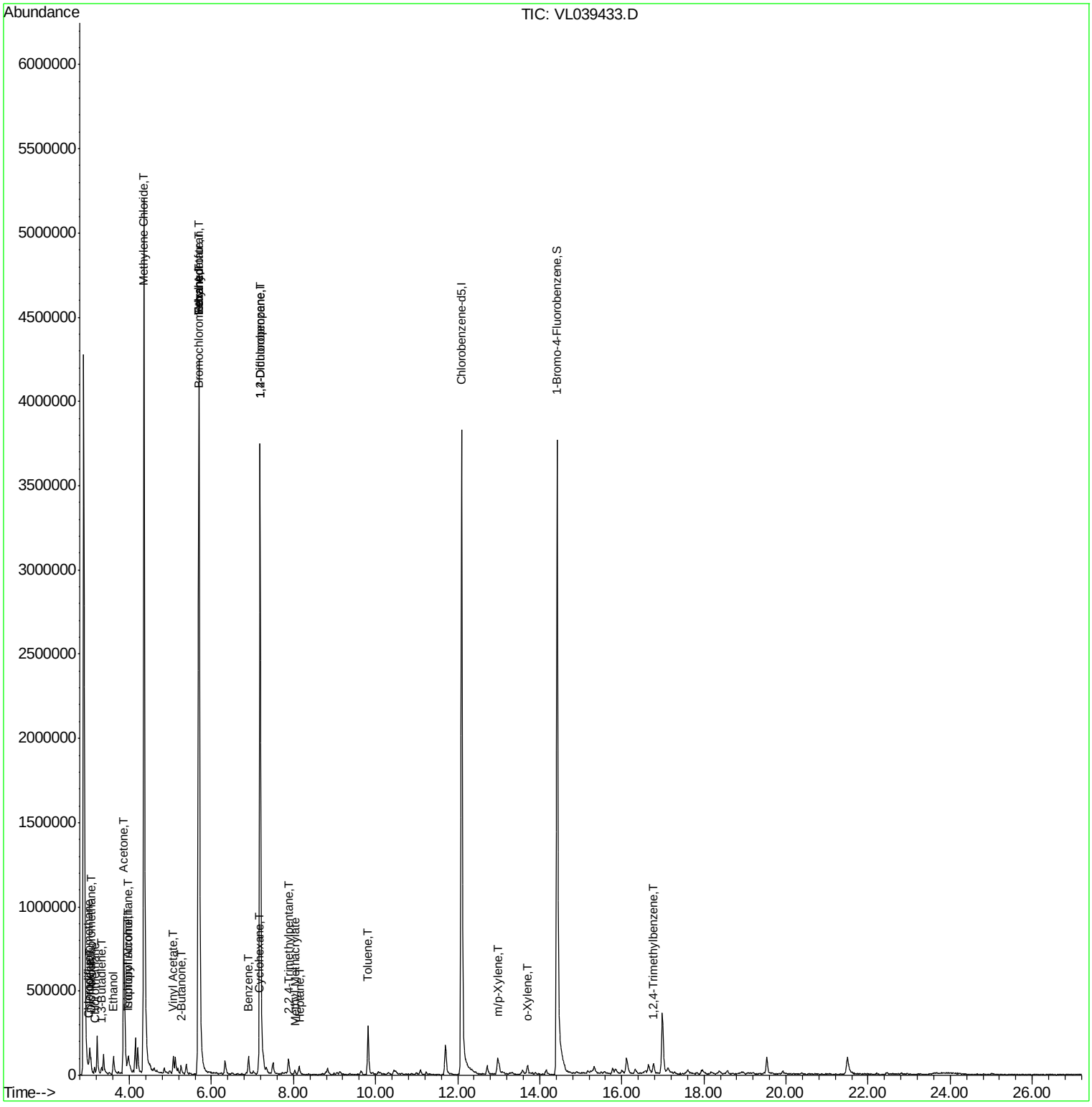
(#) = qualifier out of range (m) = manual integration (+) = signals summed

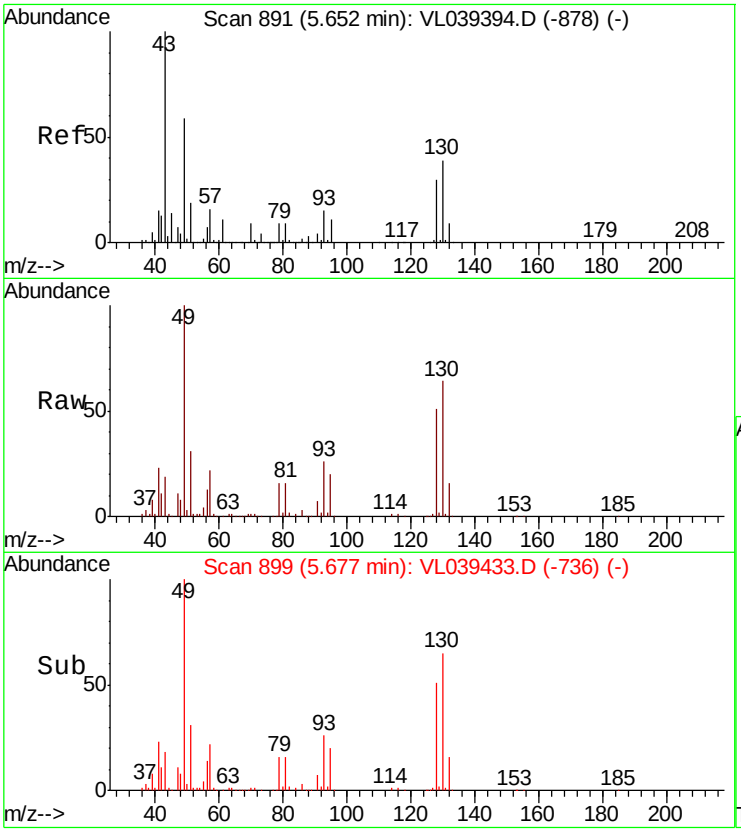
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070522\
Data File : VL039433.D
Acq On : 6 Jul 2022 00:24
Operator : SY/AP
Sample : N3573-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OA1

Quant Time: Jul 06 02:37:46 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration



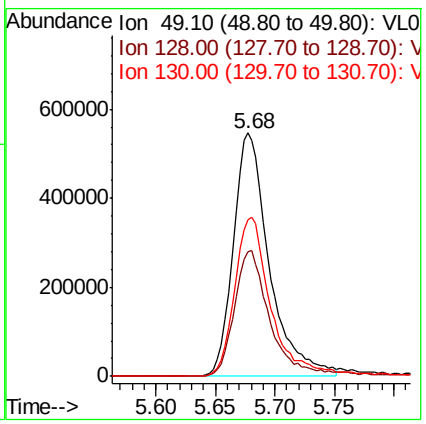


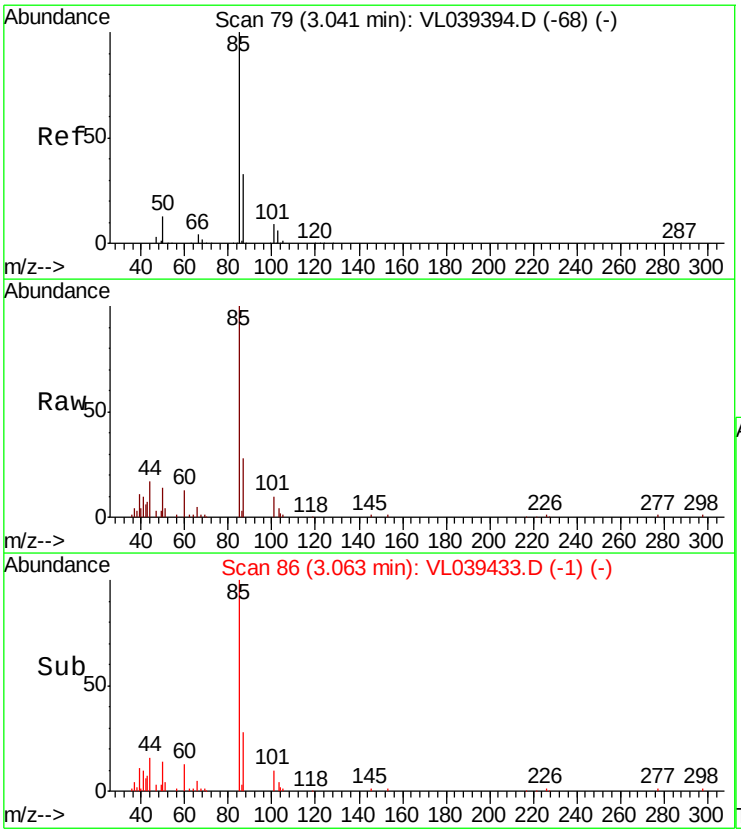
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 6 Jul 2022 00:24

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 49 Resp: 1143345

Ion	Ratio	Lower	Upper
49	100		
128	51.4	26.7	80.0
130	67.2	34.3	102.8

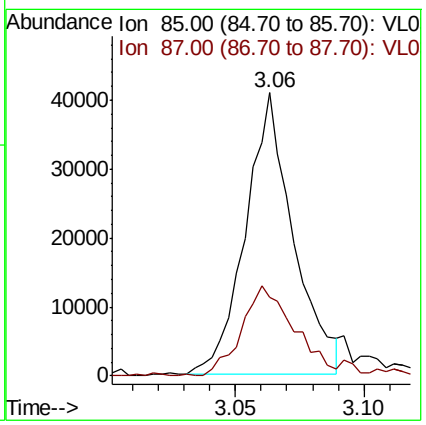


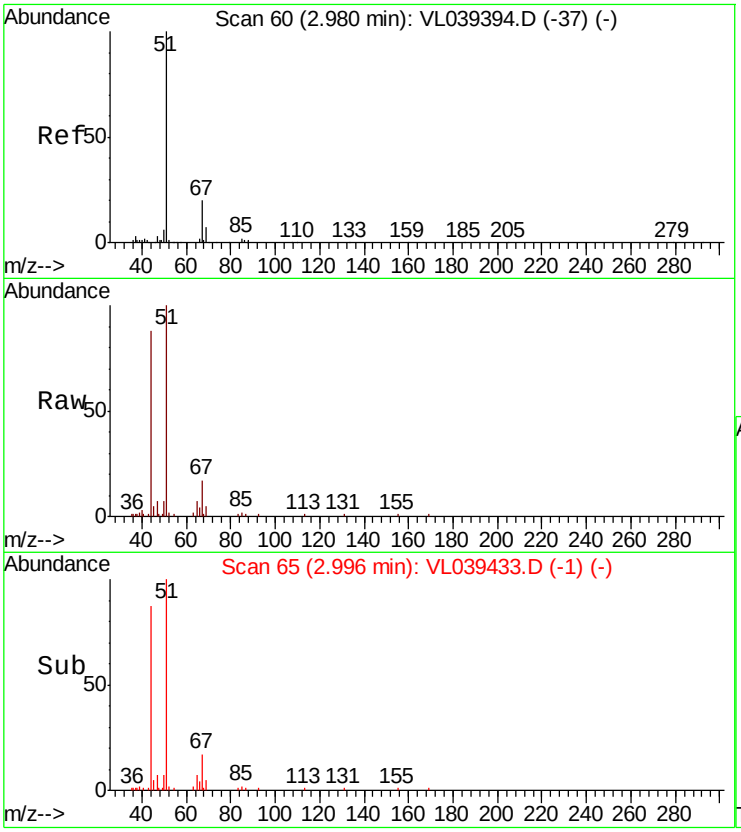


#2
Dichlorodifluoromethane
Concen: 0.324 ppbv
RT: 3.06 min Scan# 86
Delta R.T. 0.02 min
Lab File: VL039433.D
Acq: 6 Jul 2022 00:24

Tgt Ion: 85 Resp: 53421

Ion	Ratio	Lower	Upper
85	100		
87	27.7	26.7	40.1



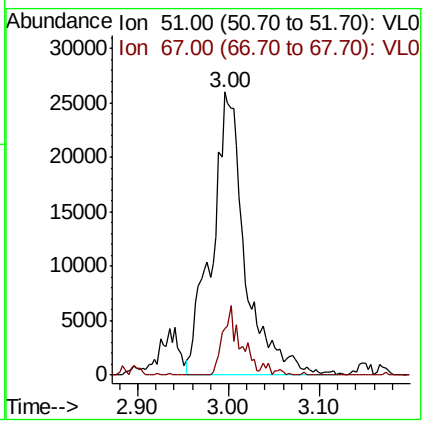


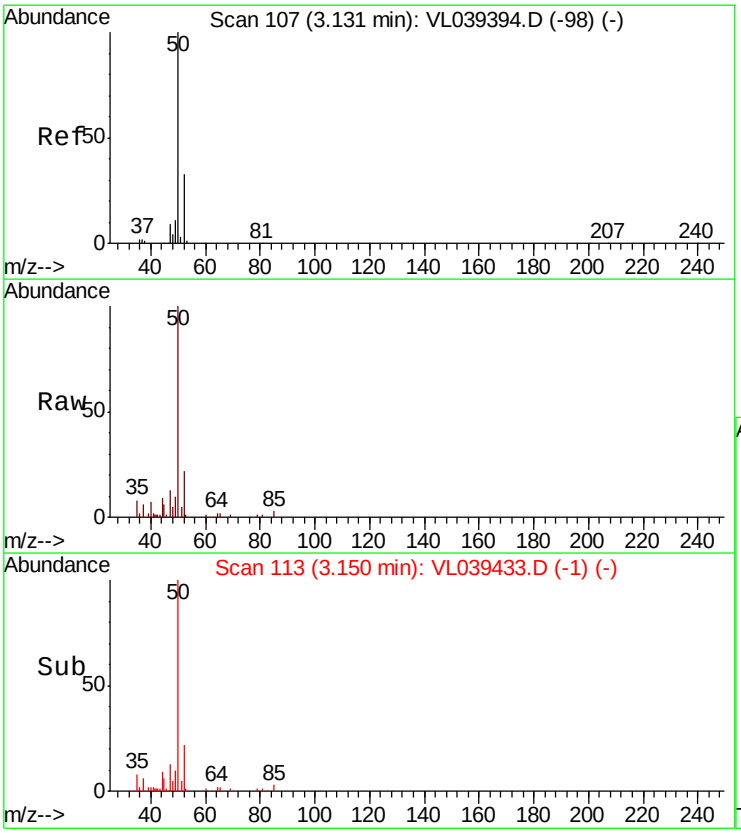
#3
Chlorodifluoromethane
Concen: 0.455 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 6 Jul 2022 00:24

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 51 Resp: 66043

Ion	Ratio	Lower	Upper
51	100		
67	14.2	15.7	23.5#

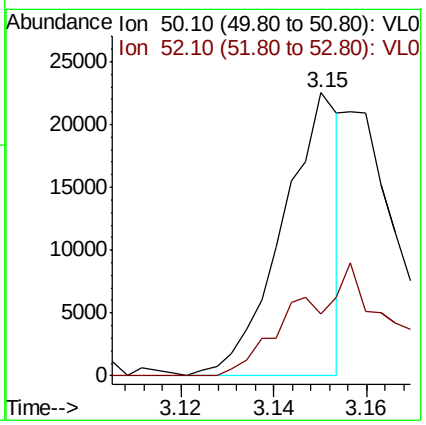


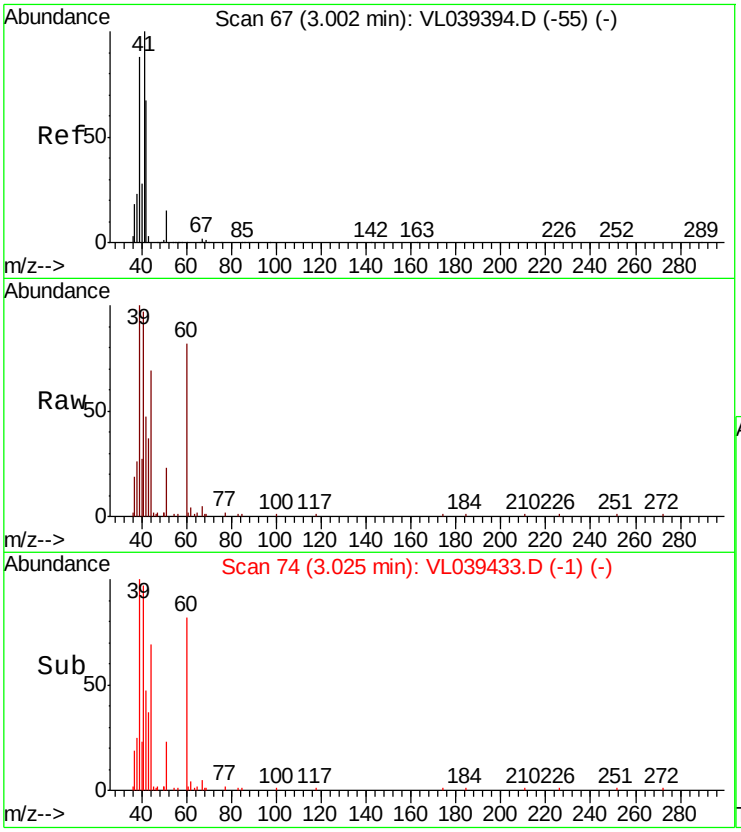


#4
Chloromethane
Concen: 0.241 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.02 min
Lab File: VL039433.D
Acq: 6 Jul 2022 00:24

Tgt Ion: 50 Resp: 19098

Ion	Ratio	Lower	Upper
50	100		
52	21.9	26.5	39.7#



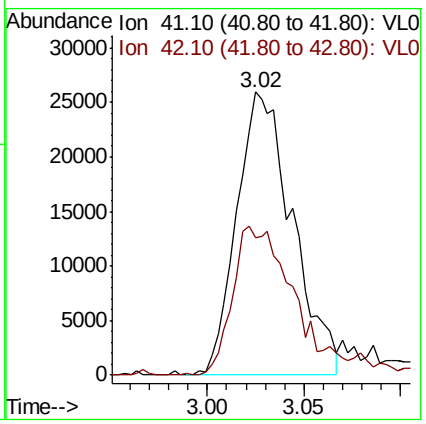


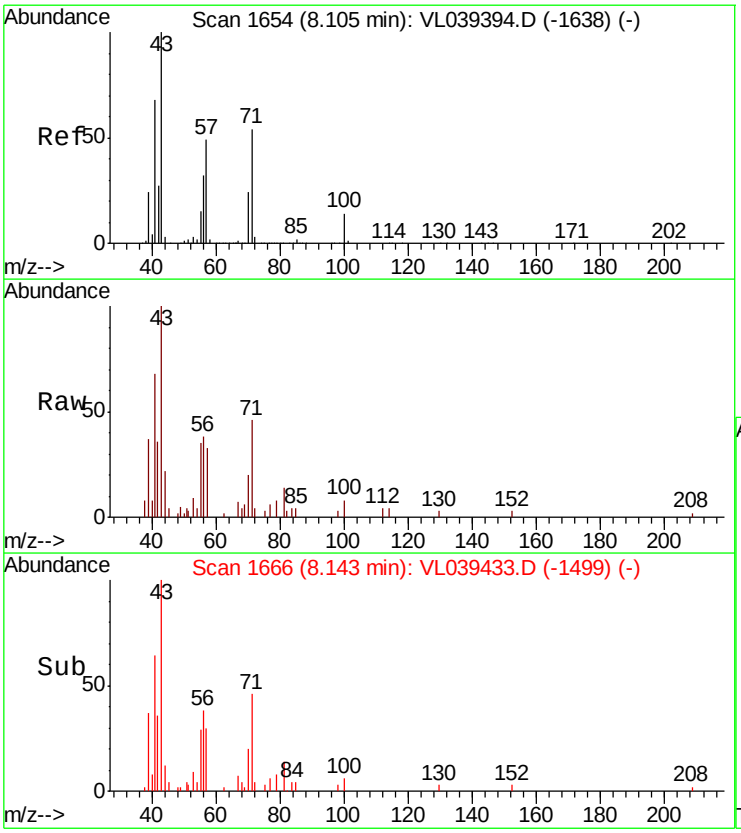
#9
Propene
Concen: 0.792 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 6 Jul 2022 00:24

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 41 Resp: 51863

Ion	Ratio	Lower	Upper
41	100		
42	61.2	55.2	82.8

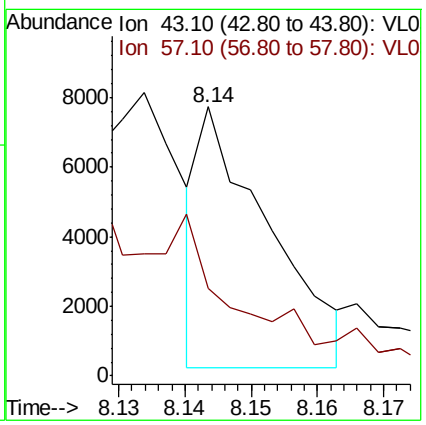


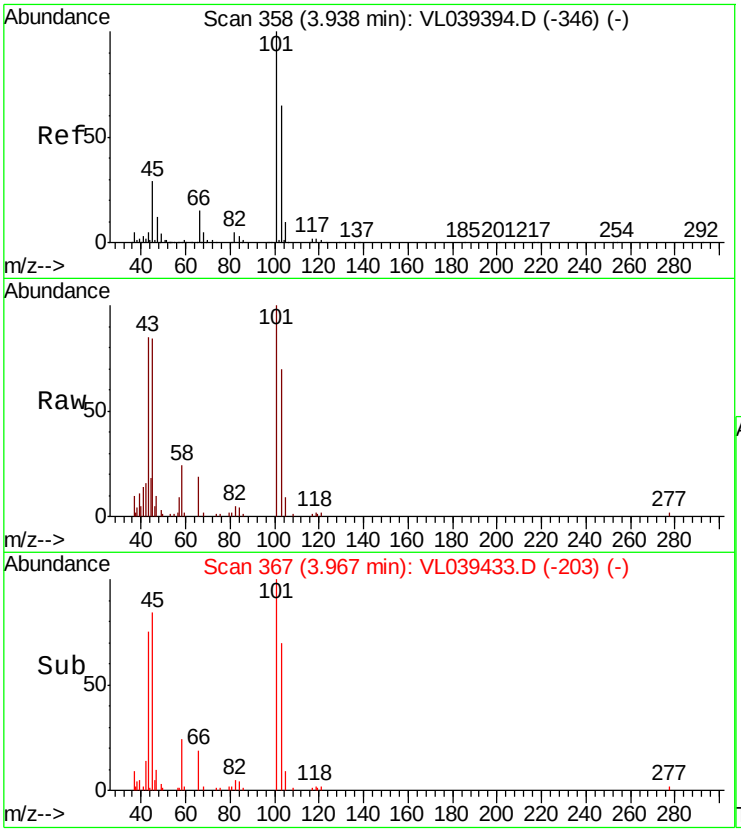


#10
Heptane
Concen: 0.036 ppbv
RT: 8.14 min Scan# 1666
Delta R.T. 0.04 min
Lab File: VL039433.D
Acq: 6 Jul 2022 00:24

Tgt Ion: 43 Resp: 5516

Ion	Ratio	Lower	Upper
43	100		
57	0.0	40.5	60.7#



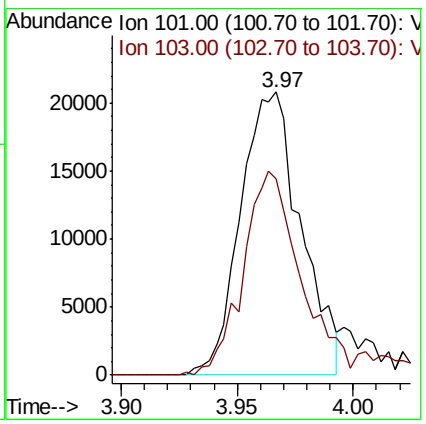


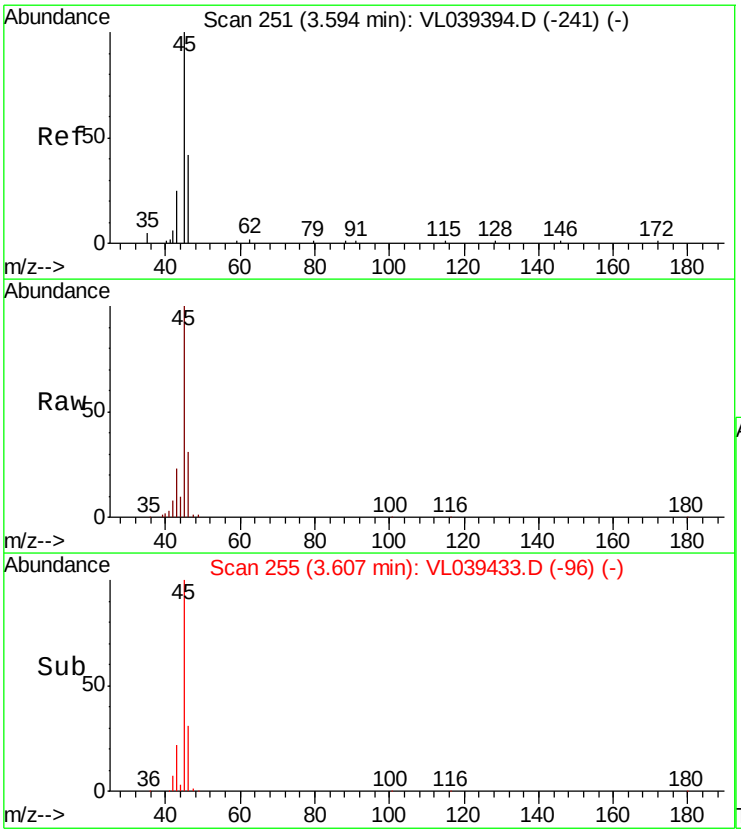
#11
Trichlorofluoromethane
Concen: 0.205 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 6 Jul 2022 00:24

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion:101 Resp: 37687

Ion	Ratio	Lower	Upper
101	100		
103	68.6	51.8	77.8

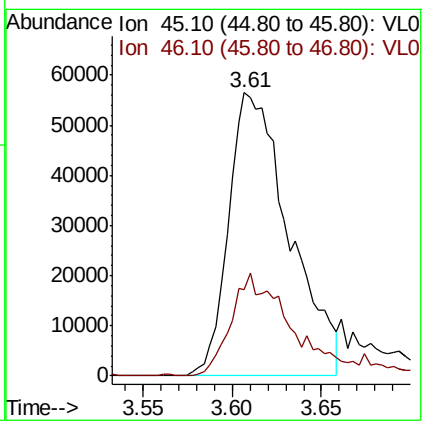


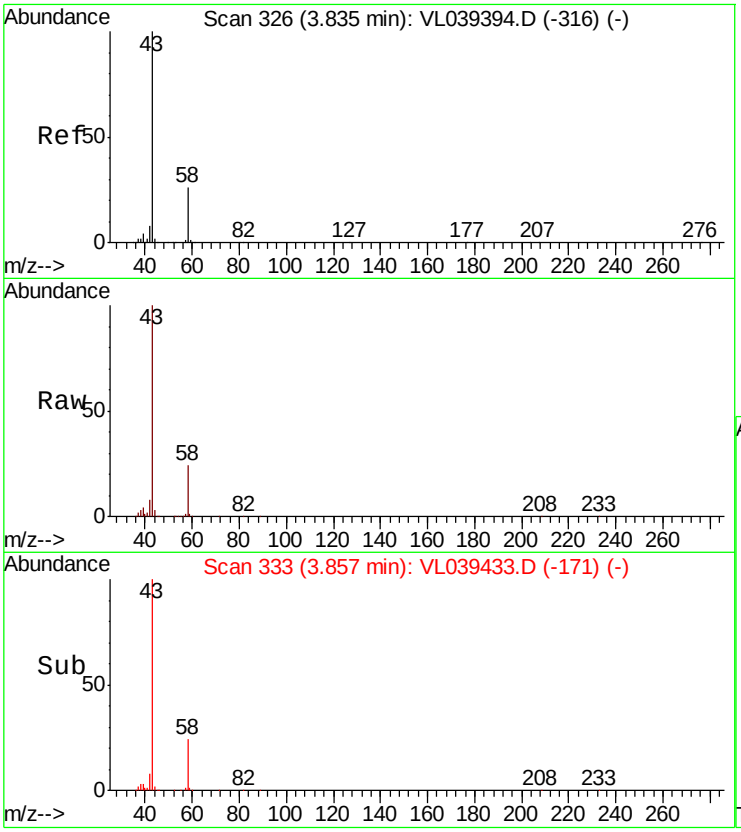


#13
Ethanol
Concen: 35.111 ppbv
RT: 3.61 min Scan# 255
Delta R.T. 0.01 min
Lab File: VL039433.D
Acq: 6 Jul 2022 00:24

Tgt Ion: 45 Resp: 133441

Ion	Ratio	Lower	Upper
45	100		
46	40.2	22.8	91.2



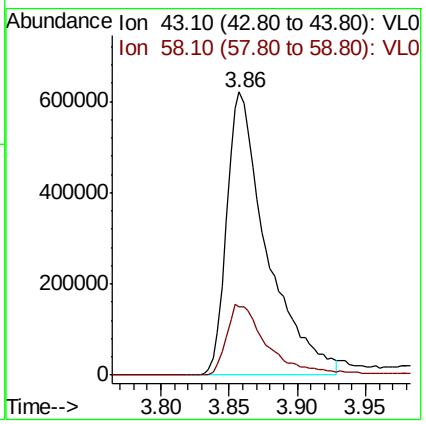


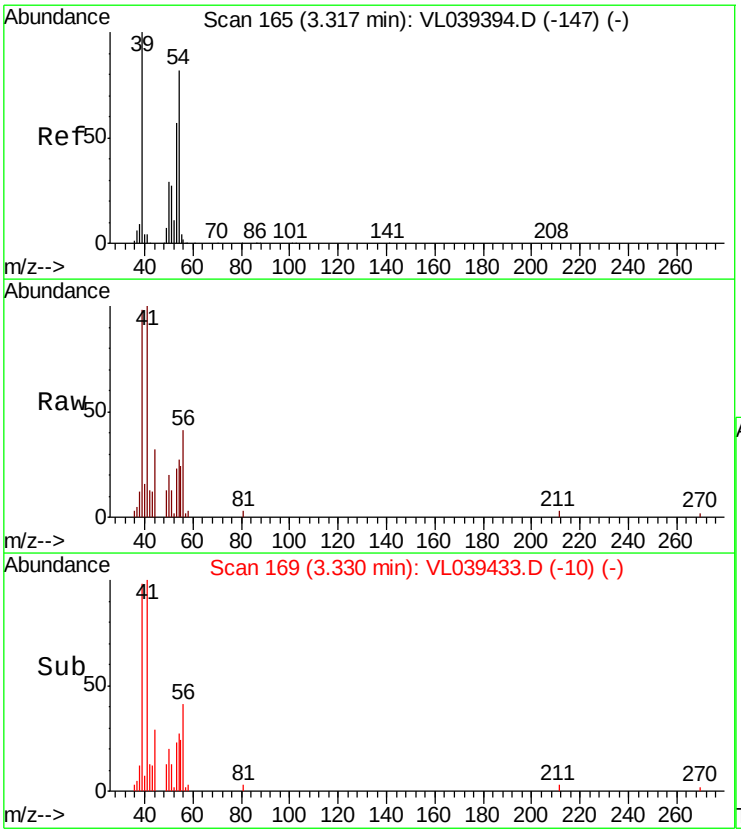
#15
Acetone
Concen: 9.415 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 6 Jul 2022 00:24

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 43 Resp: 1273503

Ion	Ratio	Lower	Upper
43	100		
58	26.9	21.0	31.6

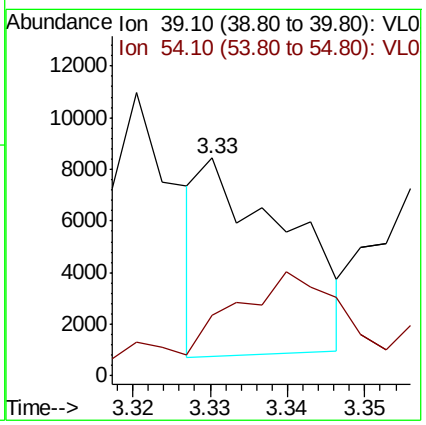


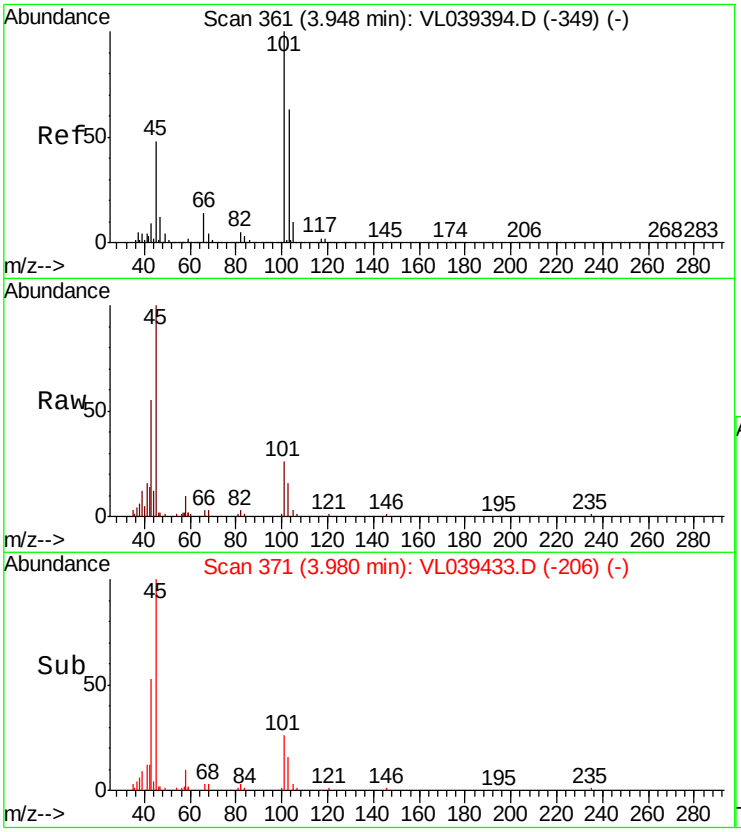


#16
1,3-Butadiene
Concen: 0.085 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.01 min
Lab File: VL039433.D
Acq: 6 Jul 2022 00:24

Tgt Ion: 39 Resp: 5988

Ion	Ratio	Lower	Upper
39	100		
54	113.8	63.7	95.5#



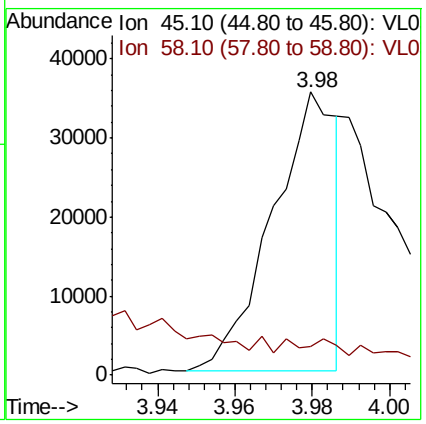


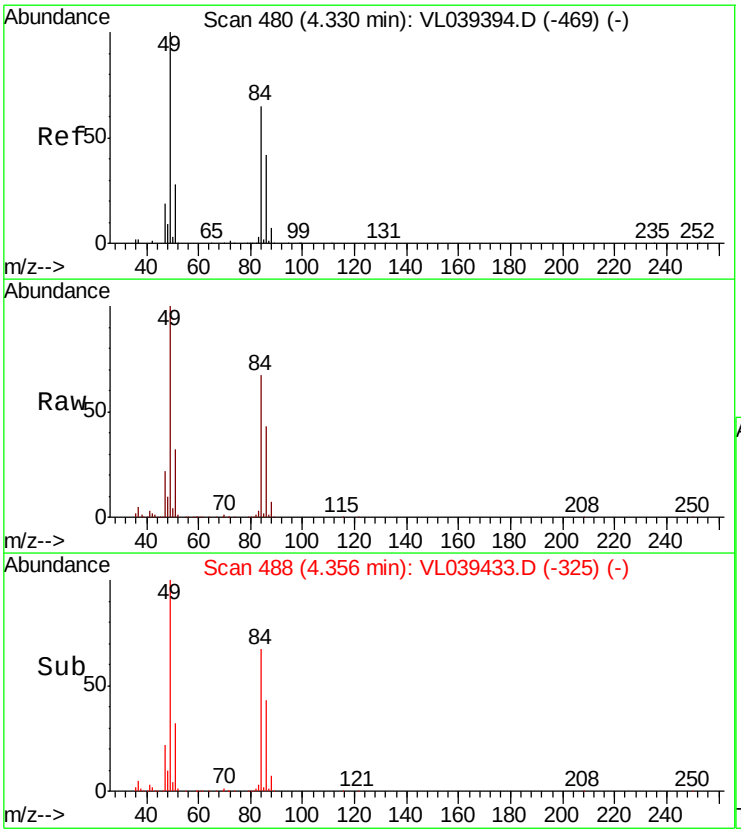
#19
Isopropyl Alcohol
Concen: 0.561 ppbv
RT: 3.98
Delta R.T
Lab File:
Acq: 6 Jul 2022 00:24

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 45 Resp: 40486

Ion	Ratio	Lower	Upper
45	100		
58	24.3	3.2	4.8#

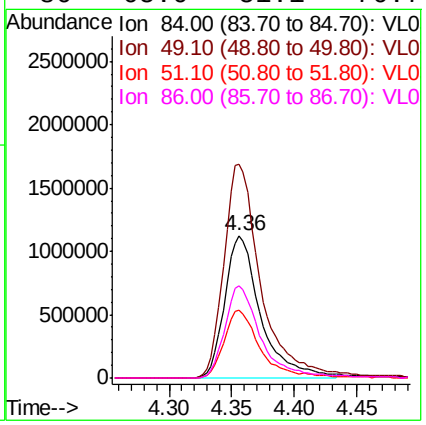


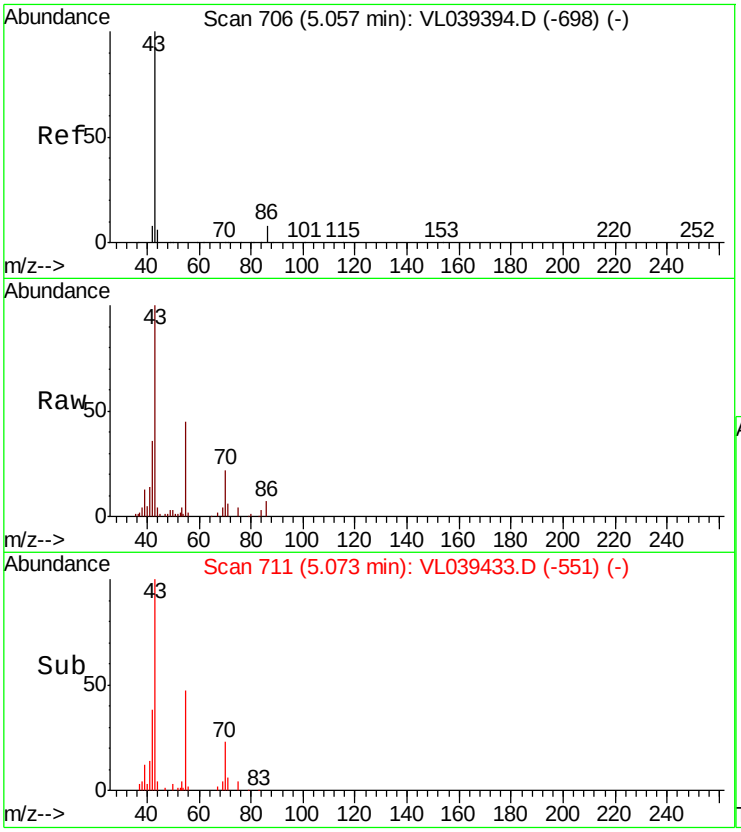


#20
Methylene Chloride
Concen: 41.371 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.03 min
Lab File: VL039433.D
Acq: 6 Jul 2022 00:24

Tgt Ion: 84 Resp: 2230545

Ion	Ratio	Lower	Upper
84	100		
49	149.8	123.1	184.7
51	47.8	34.4	51.6
86	65.0	51.1	76.7



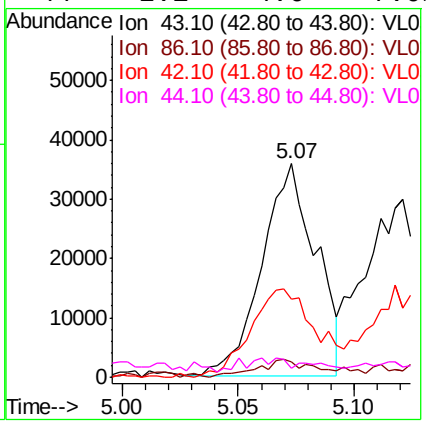


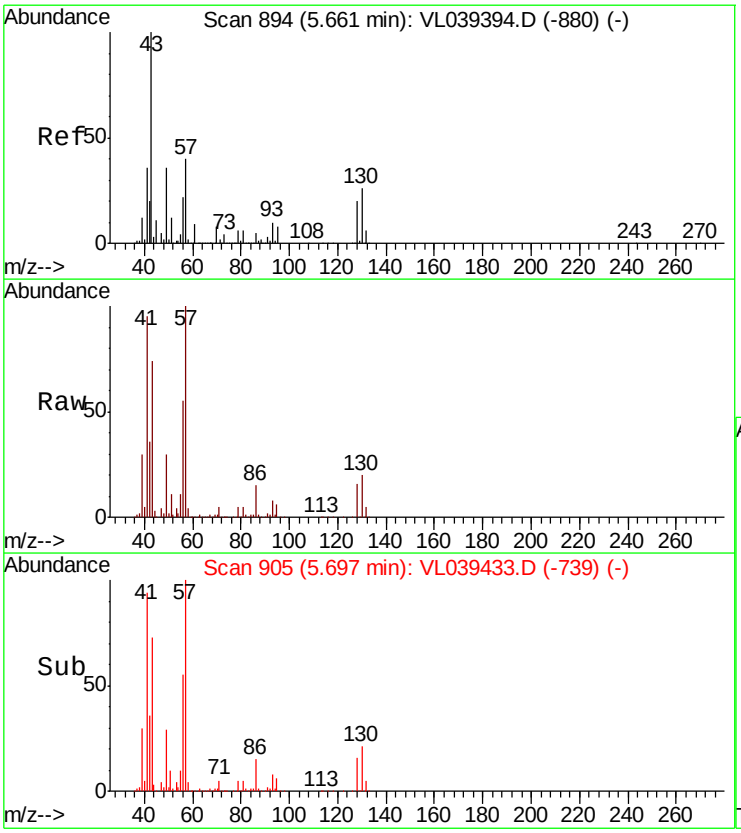
#23
Vinyl Acetate
Concen: 0.636 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 6 Jul 2022 00:24

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 43 Resp: 57484

Ion	Ratio	Lower	Upper
43	100		
86	5.8	5.0	7.6
42	36.0	7.7	11.5#
44	2.1	4.6	7.0#

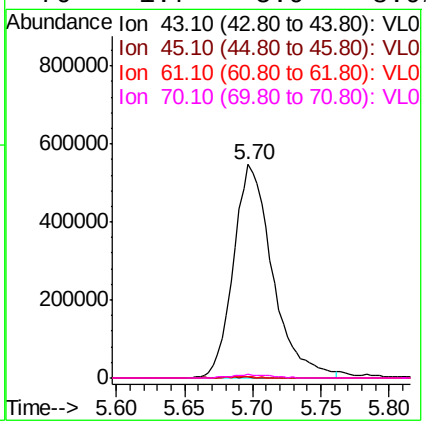


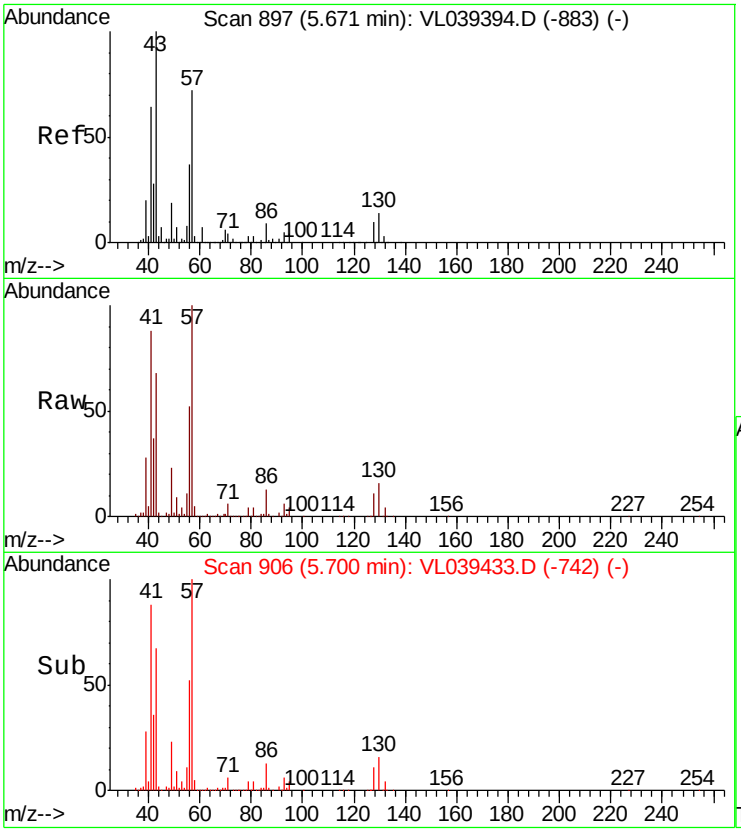


#25
Ethyl Acetate
Concen: 3.934 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.04 min
Lab File: VL039433.D
Acq: 6 Jul 2022 00:24

Tgt Ion: 43 Resp: 1091186

Ion	Ratio	Lower	Upper
43	100		
45	0.6	8.2	12.4#
61	0.5	8.3	12.5#
70	1.7	5.9	8.9#



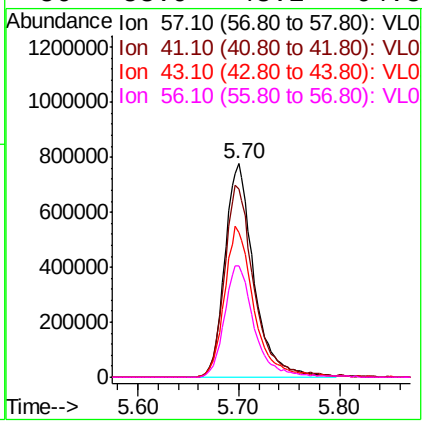


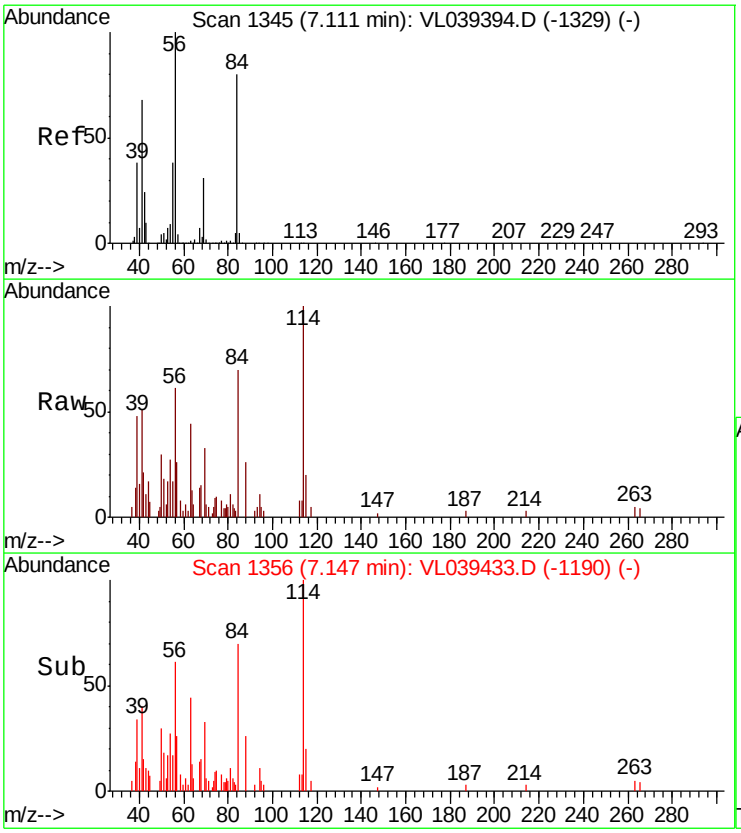
#26
Hexane
Concen: 13.964 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 6 Jul 2022 00:24

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 57 Resp: 1561220

Ion	Ratio	Lower	Upper
57	100		
41	92.6	76.9	115.3
43	71.8	191.0	286.6#
56	53.9	43.2	64.8

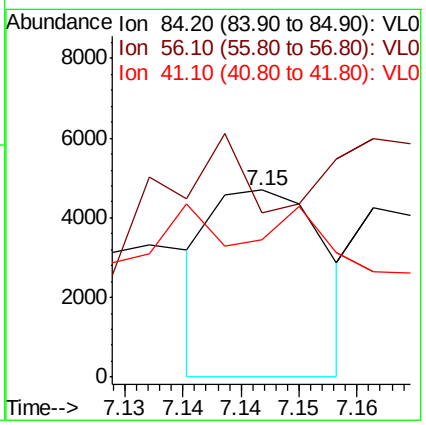


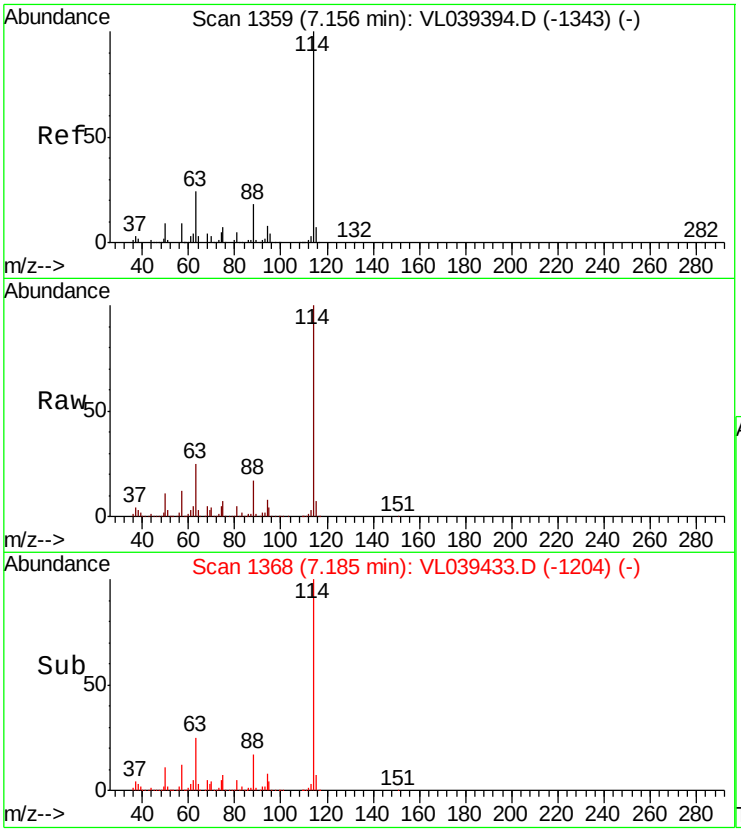


#30
Cyclohexane
Concen: 0.031 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. 0.04 min
Lab File: VL039433.D
Acq: 6 Jul 2022 00:24

Tgt Ion: 84 Resp: 3179

Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	0.0	67.7	101.5#



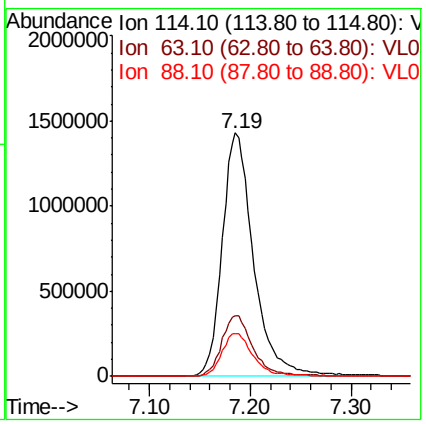


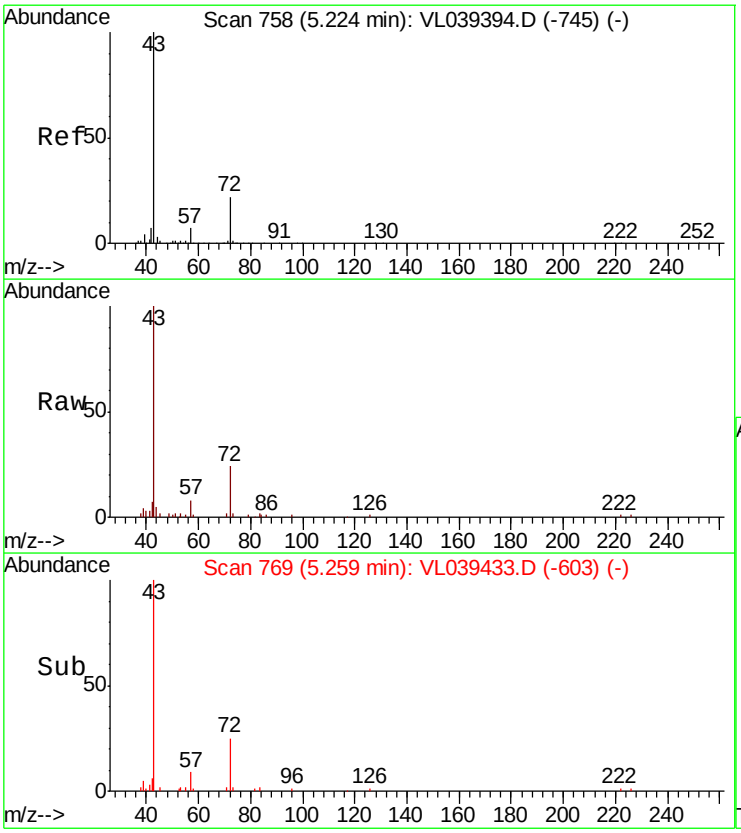
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 6 Jul 2022 00:24

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion:114 Resp: 3098977

Ion	Ratio	Lower	Upper
114	100		
63	25.4	20.2	30.4
88	18.0	14.5	21.7

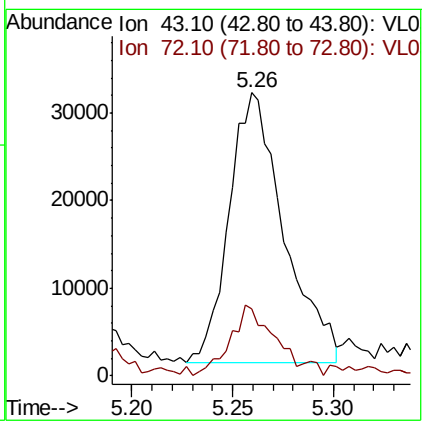


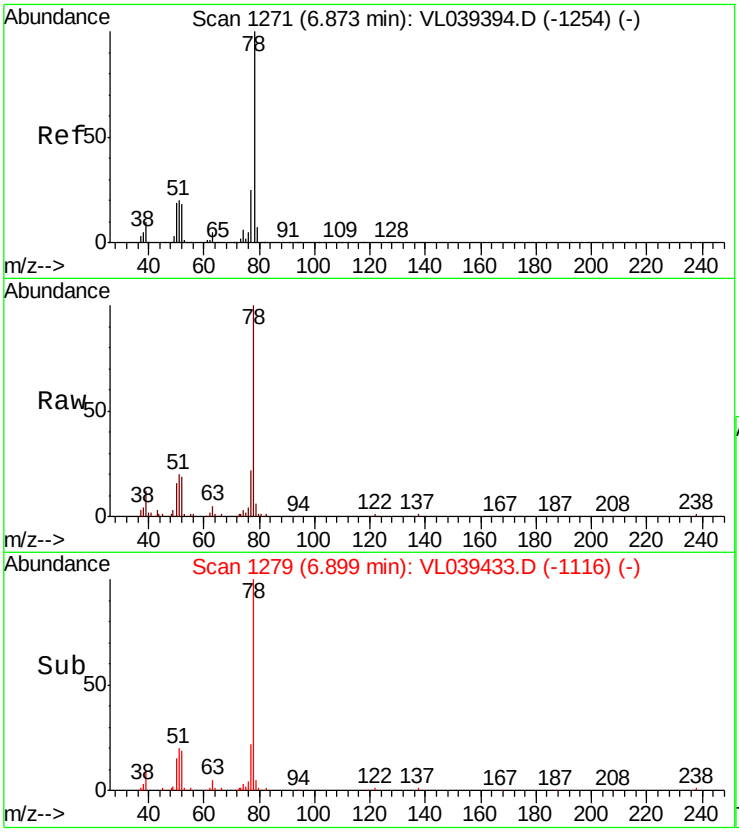


#34
2-Butanone
Concen: 0.376 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.04 min
Lab File: VL039433.D
Acq: 6 Jul 2022 00:24

Tgt Ion: 43 Resp: 58681

Ion	Ratio	Lower	Upper
43	100		
72	25.9	17.9	26.9



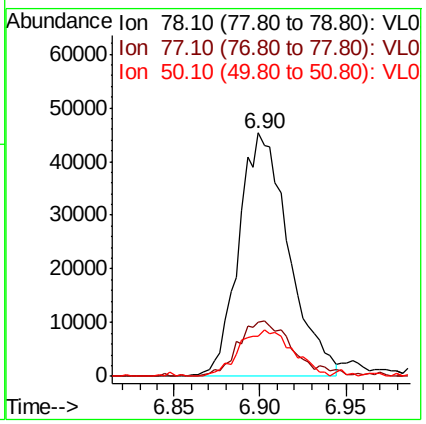


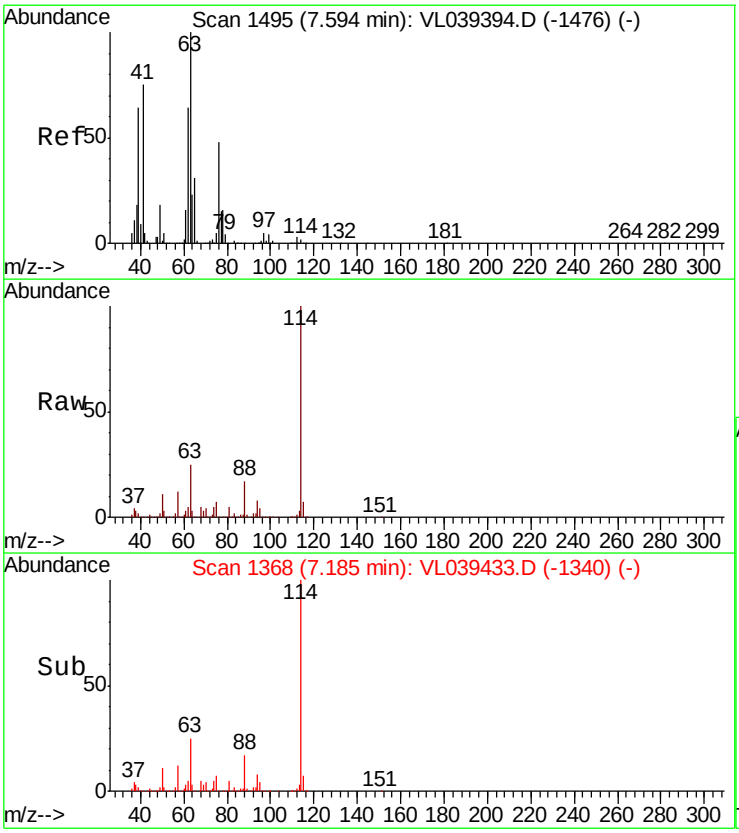
#36
Benzene
Concen: 0.381 ppbv
RT: 6.90
Delta R.T
Lab File:
Acq: 6 Jul 2022 00:24

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 78 Resp: 91404

Ion	Ratio	Lower	Upper
78	100		
77	22.3	20.3	30.5
50	16.2	15.5	23.3

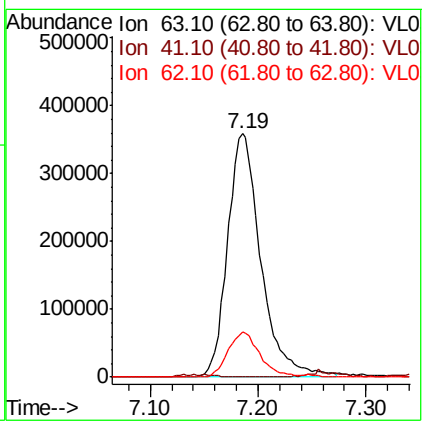


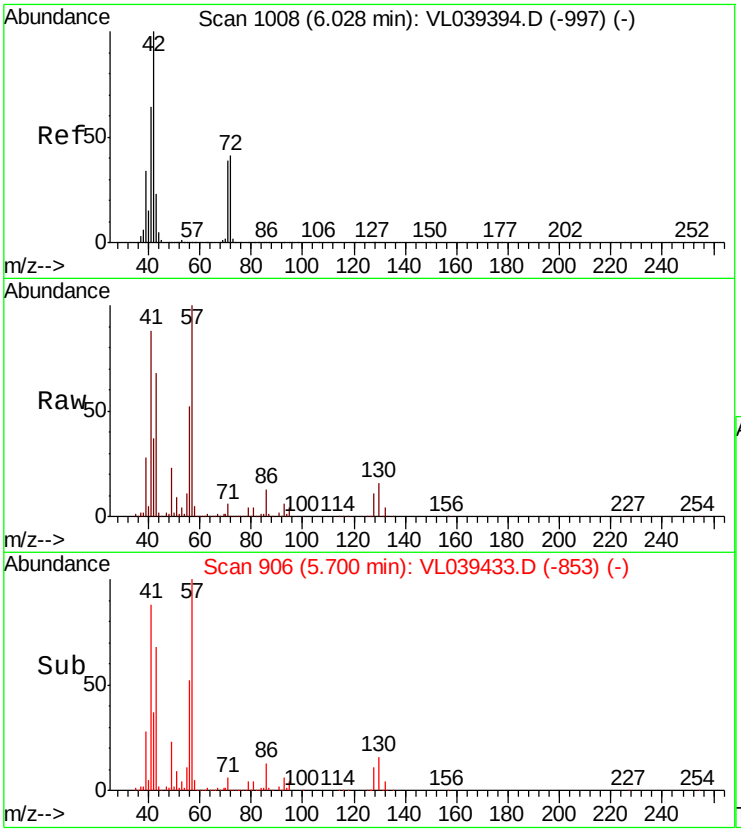


#39
1,2-Dichloropropane
Concen: 8.617 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.41 min
Lab File: VL039433.D
Acq: 6 Jul 2022 00:24

Tgt Ion: 63 Resp: 772097

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	18.7	51.4	77.0#



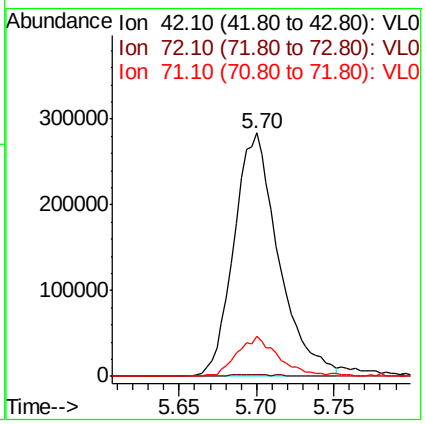


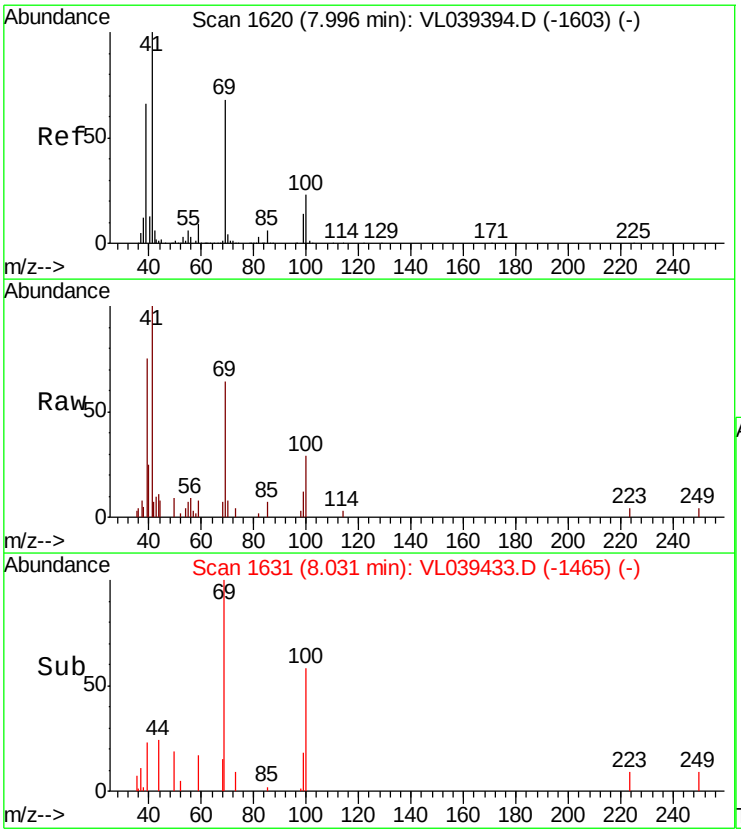
#41
Tetrahydrofuran
Concen: 6.277 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 6 Jul 2022 00:24

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 42 Resp: 567422

Ion	Ratio	Lower	Upper
42	100		
72	0.9	31.8	47.8#
71	15.9	31.8	47.8#

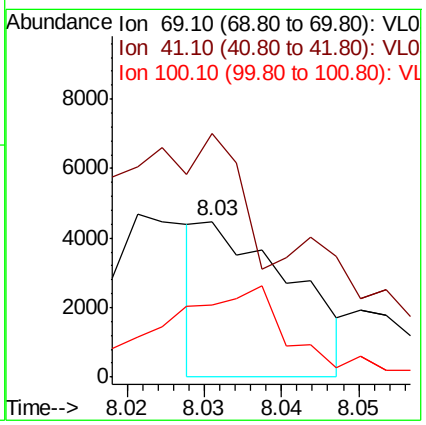


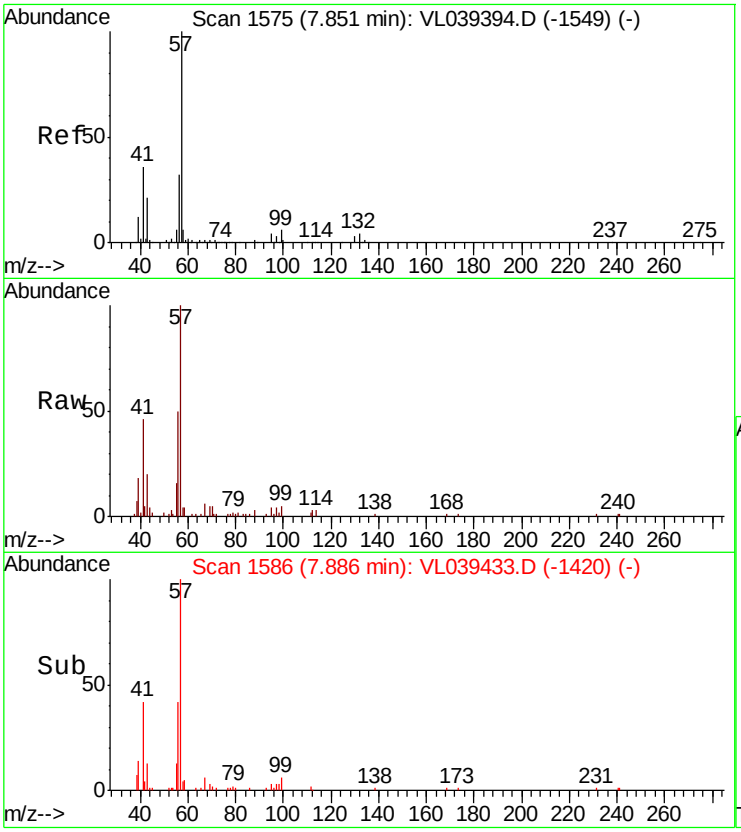


#43
Methyl Methacrylate
Concen: 0.040 ppbv
RT: 8.03 min Scan# 1631
Delta R.T. 0.04 min
Lab File: VL039433.D
Acq: 6 Jul 2022 00:24

Tgt Ion: 69 Resp: 3642

Ion	Ratio	Lower	Upper
69	100		
41	453.9	120.8	181.2#
100	103.9	27.8	41.6#



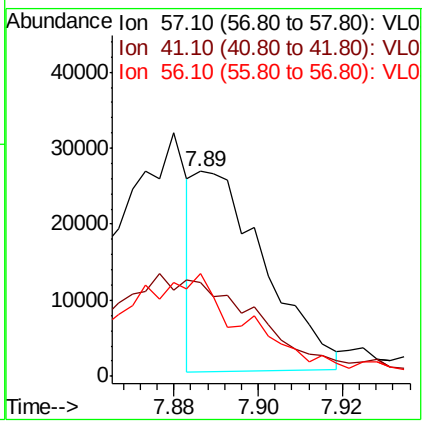


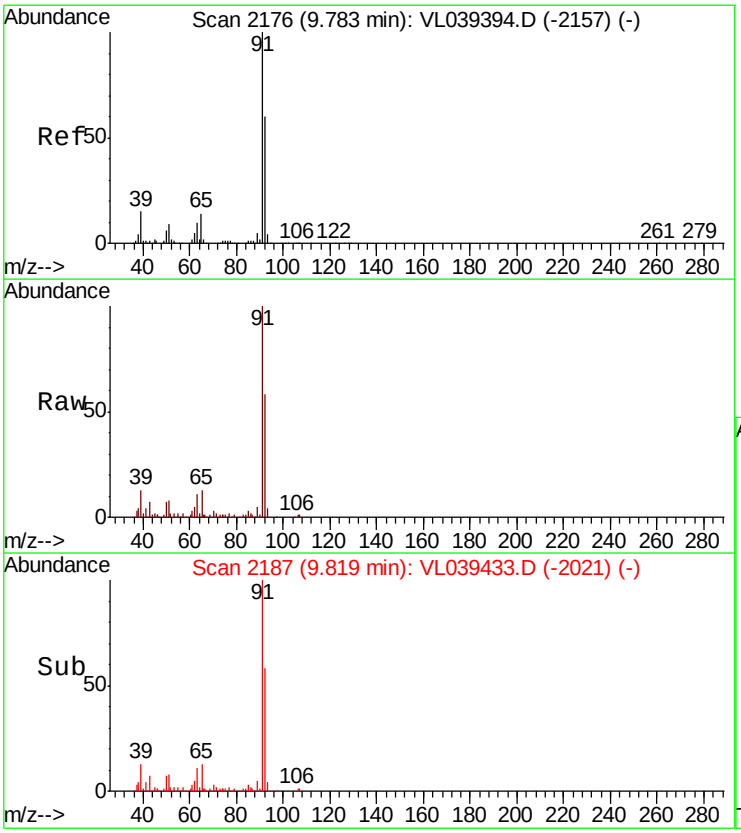
#44
2,2,4-Trimethylpentane
Concen: 0.074 ppbv
RT: 7.89
Delta R.T
Lab File:
Acq: 6 Jul 2022 00:24

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 57 Resp: 30078

Ion	Ratio	Lower	Upper
57	100		
41	0.0	27.4	41.2#
56	106.5	24.5	36.7#

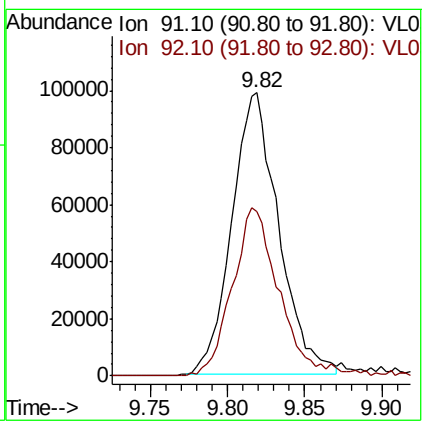


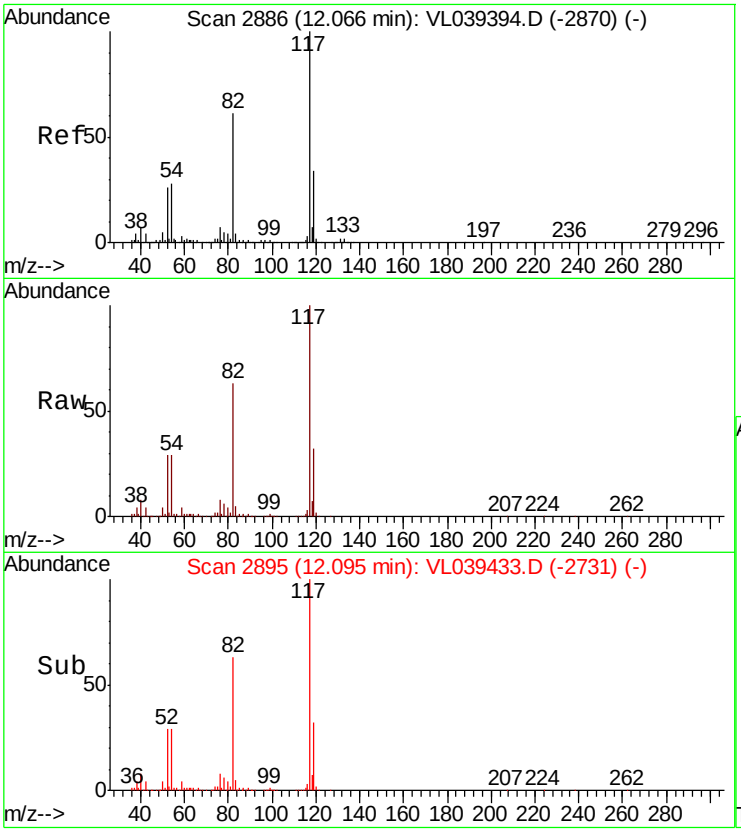


#53
Toluene
Concen: 0.752 ppbv
RT: 9.82 min Scan# 2187
Delta R.T. 0.04 min
Lab File: VL039433.D
Acq: 6 Jul 2022 00:24

Tgt Ion: 91 Resp: 208027

Ion	Ratio	Lower	Upper
91	100		
92	60.3	48.2	72.2



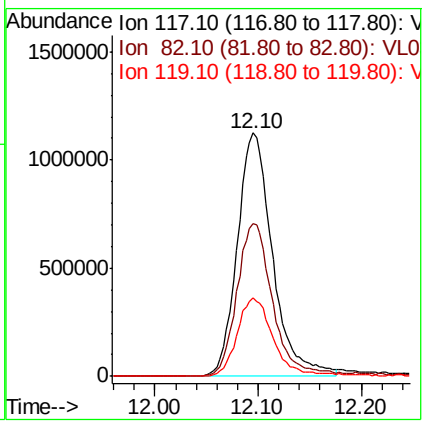


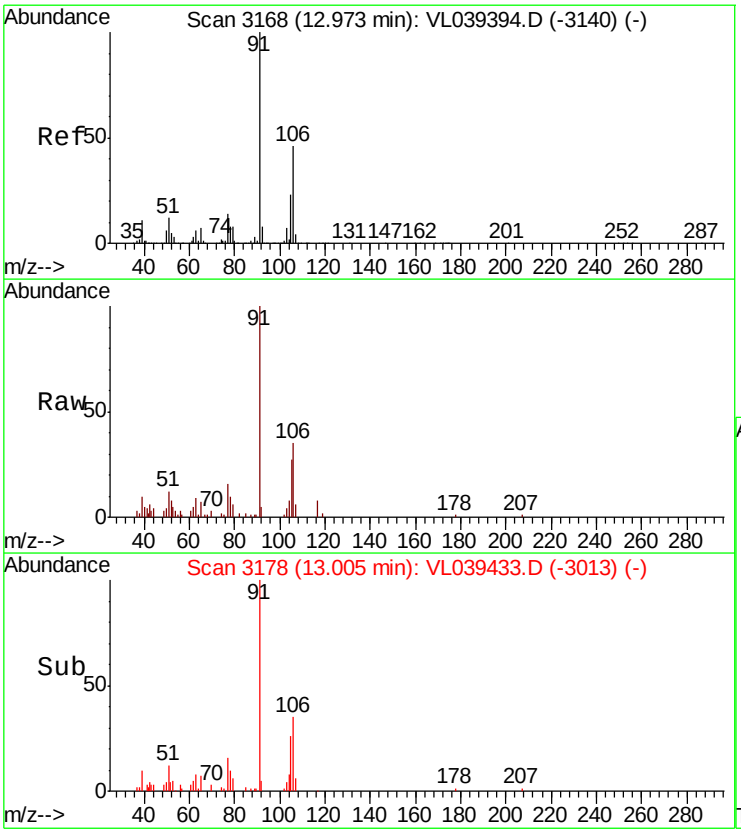
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10
Delta R.T
Lab File:
Acq: 6 Jul 2022 00:24

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion:117 Resp: 2680059

Ion	Ratio	Lower	Upper
117	100		
82	66.1	50.8	76.2
119	33.4	24.1	36.1

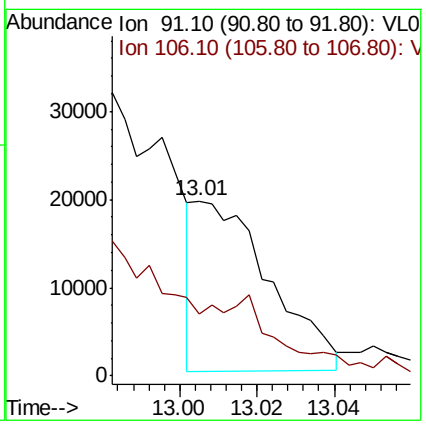


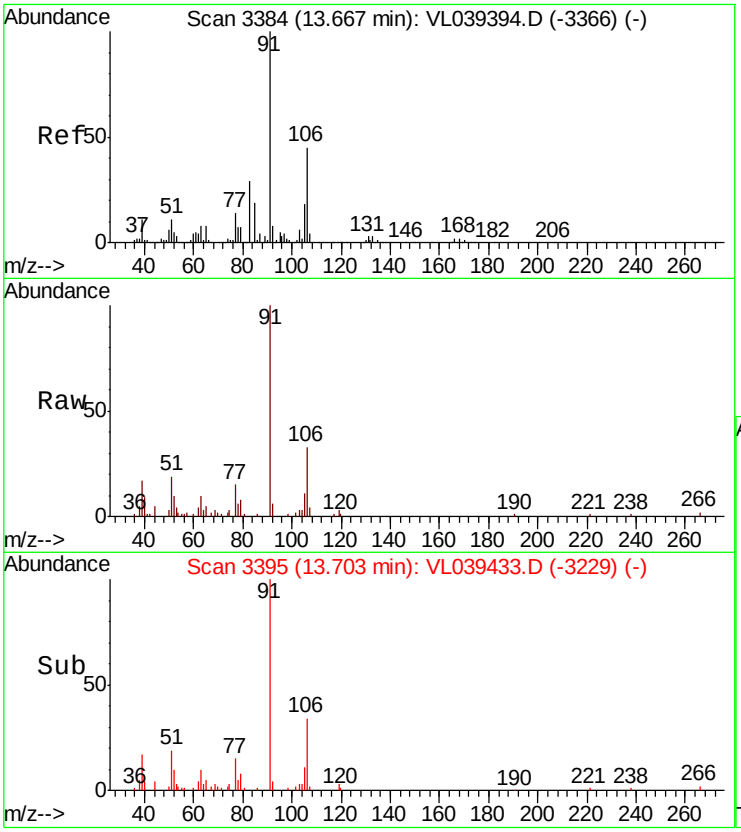


#59
m/p-Xylene
Concen: 0.085 ppbv
RT: 13.01 min Scan# 3178
Delta R.T. 0.03 min
Lab File: VL039433.D
Acq: 6 Jul 2022 00:24

Tgt Ion: 91 Resp: 25909

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.4	53.2#



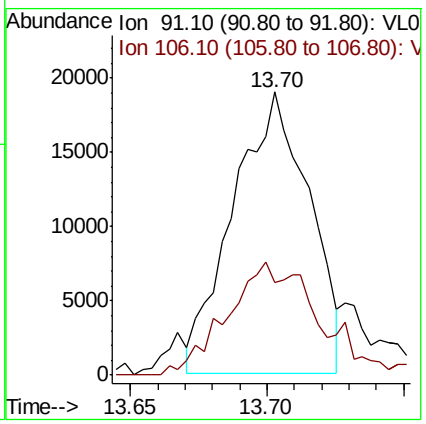


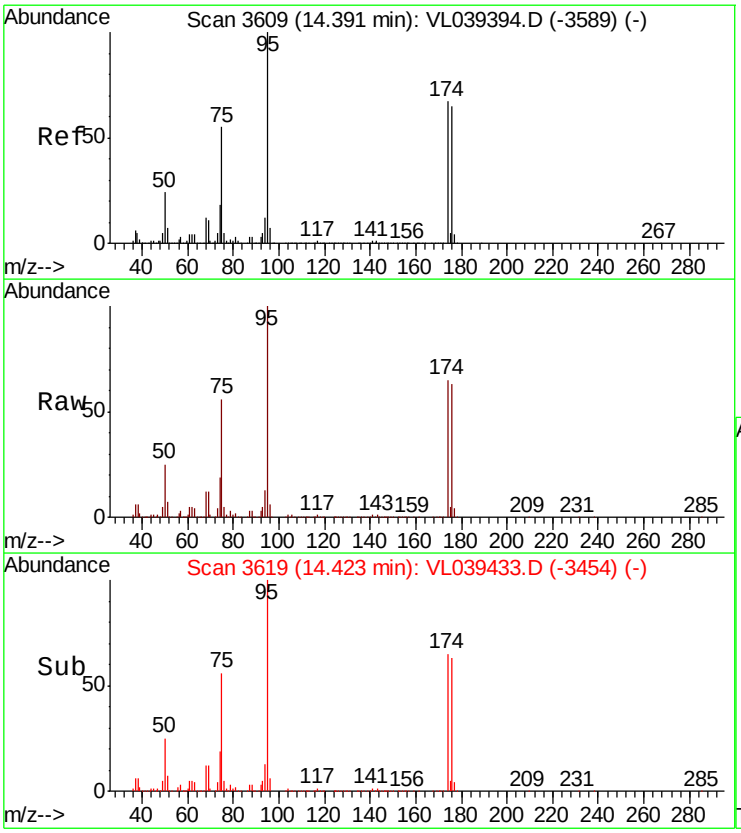
#60
o-Xylene
Concen: 0.127 ppbv
RT: 13.70
Delta R.T
Lab File:
Acq: 6 Jul 2022 00:24

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 91 Resp: 36741

Ion	Ratio	Lower	Upper
91	100		
106	50.8	22.4	67.3

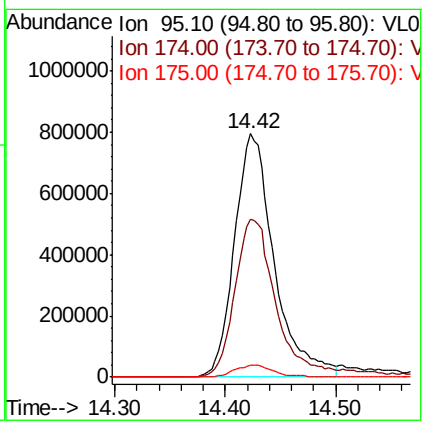


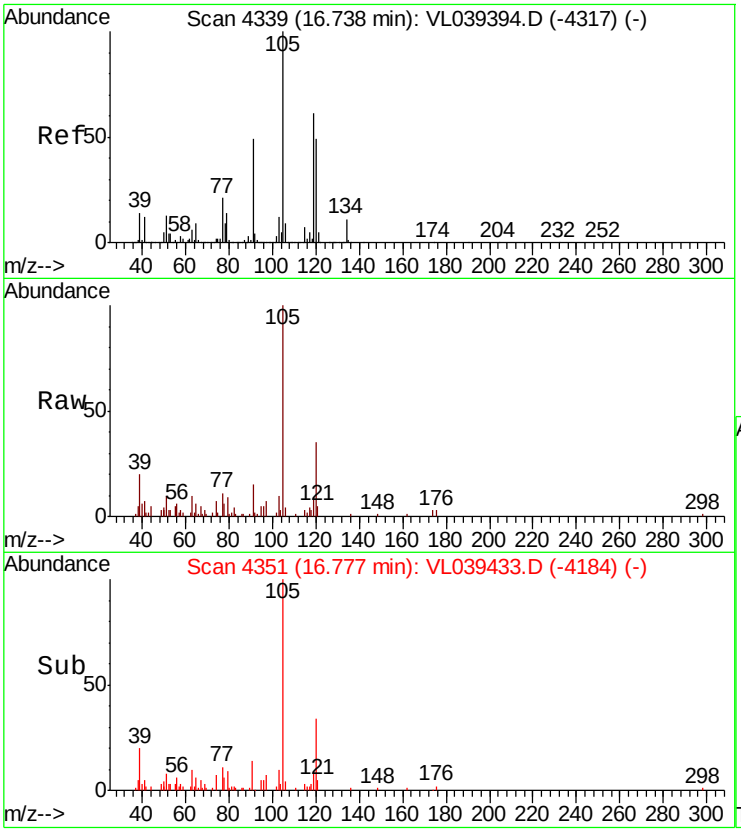


#68
1-Bromo-4-Fluorobenzene
Concen: 9.977 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. 0.03 min
Lab File: VL039433.D
Acq: 6 Jul 2022 00:24

Tgt Ion: 95 Resp: 1983716

Ion	Ratio	Lower	Upper
95	100		
174	71.4	55.9	83.9
175	5.2	4.2	6.4





#74
1,2,4-Trimethylbenzene
Concen: 0.107 ppbv
RT: 16.78
Delta R.T
Lab File:
Acq: 6 Jul 2022 00:24

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion:105 Resp: 36899

Ion	Ratio	Lower	Upper
105	100		
120	39.7	39.5	59.3
91	12.5	39.2	58.8#
77	11.1	17.2	25.8#