Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062722\
Data File : VL039366.D
Acq On : 27 Jun 2022 19:44
Operator : SY/AP
Sample : N3453-03DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Quant Time: Jun 28 02:38:26 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	1192821	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3346482	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	2976337	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2320235	9.43	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.30%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	2.99	51	5533	0.036	ppbv		97
9) Propene	3.02	41	49540	0.749	ppbv		91
13) Ethanol	3.61	45	28380	7.864	ppbv	#	100
15) Acetone	3.86	43	76133	0.613	ppbv	#	85
16) 1,3-Butadiene	3.33	39	3606	0.054	ppbv	#	1
17) tert-Butyl alcohol	4.31	59	14556	0.151	ppbv	#	69
20) Methylene Chloride	4.34	84	15702	0.300	ppbv		89
25) Ethyl Acetate	5.69	43	18539	0.066	ppbv	#	84
26) Hexane	5.68	57	8529	0.069	ppbv	#	1
34) 2-Butanone	5.26	43	25802	0.142	ppbv	#	89
36) Benzene	6.89	78	10739	0.040	ppbv	#	89
39) 1,2-Dichloropropane	7.17	63	818169	7.571	ppbv	#	24
53) Toluene	9.81	91	73832	0.236	ppbv	#	40
58) Ethyl Benzene	12.70	91	121901	0.297	ppbv		90
59) m/p-Xylene	12.96	91	344202	0.953	ppbv		91
60) o-Xylene	13.68	91	193413	0.570	ppbv		97
61) Styrene	13.53	104	23386	0.129	ppbv	#	78
62) Isopropylbenzene	14.66	105	1765085	3.501	ppbv		99

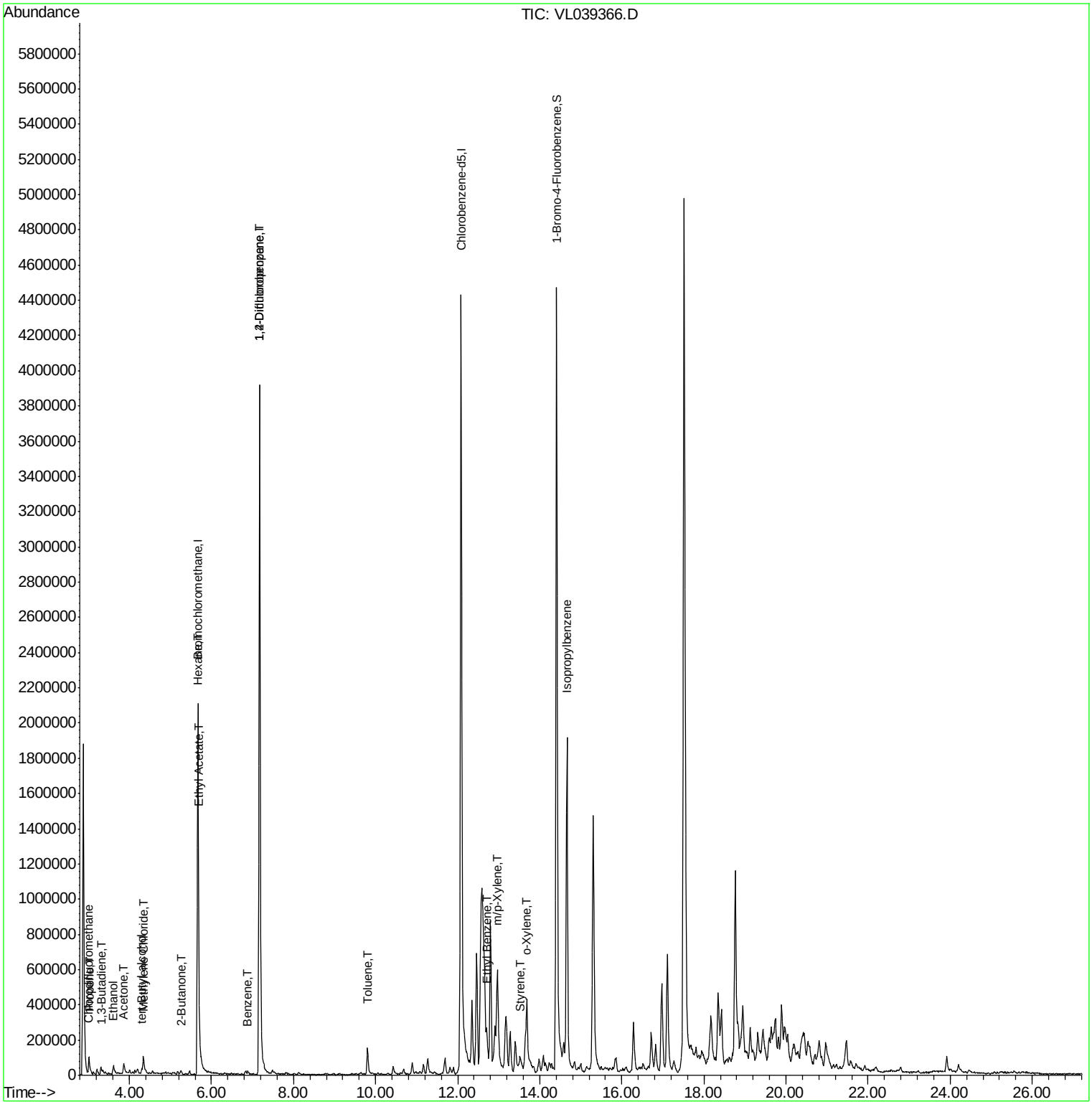
(#) = qualifier out of range (m) = manual integration (+) = signals summed

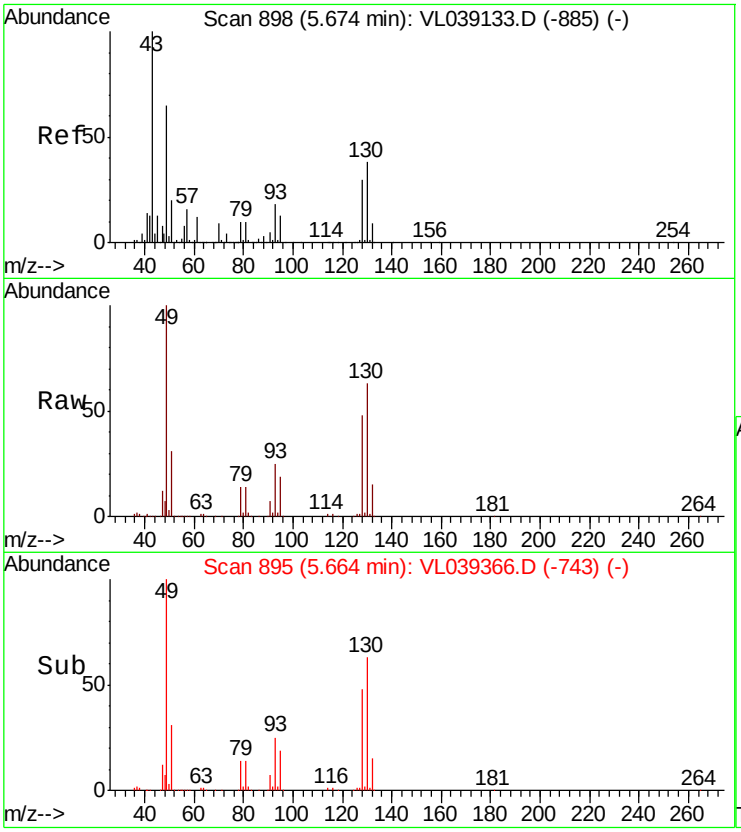
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062722\
Data File : VL039366.D
Acq On : 27 Jun 2022 19:44
Operator : SY/AP
Sample : N3453-03DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Quant Time: Jun 28 02:38:26 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



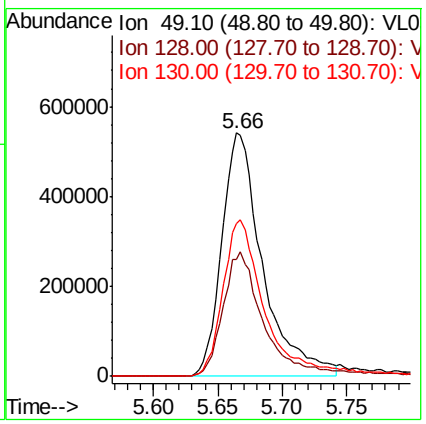


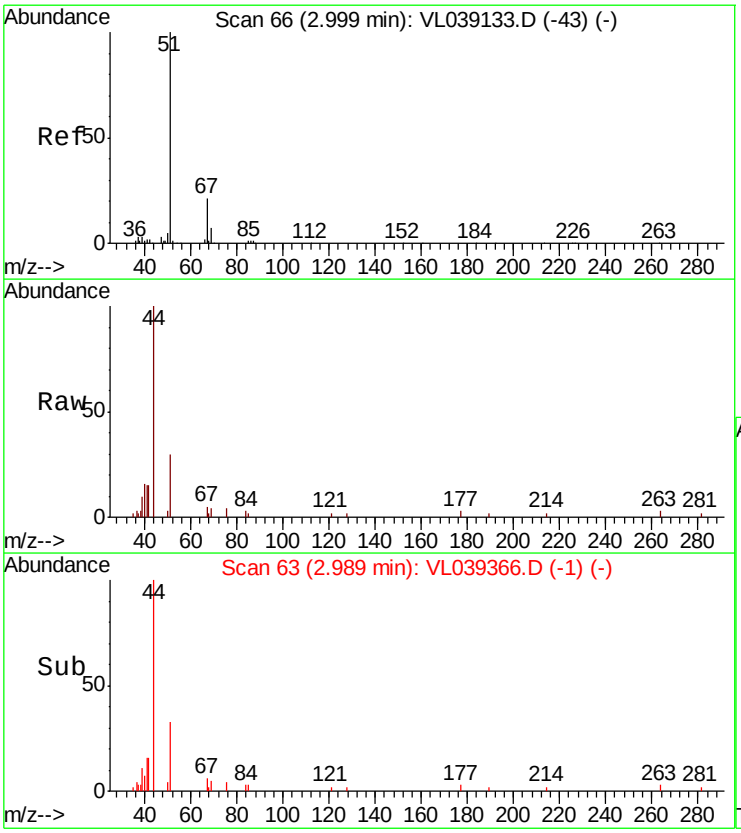
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 27 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 49 Resp: 1192821

Ion	Ratio	Lower	Upper
49	100		
128	53.2	24.7	74.1
130	68.1	31.4	94.0

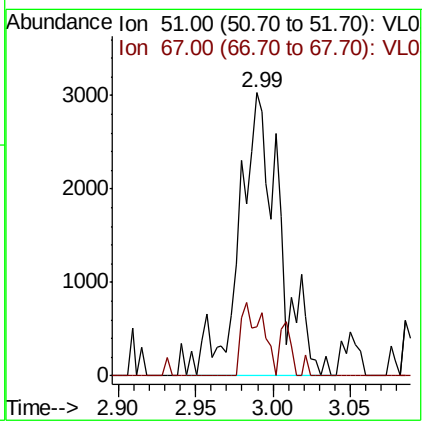


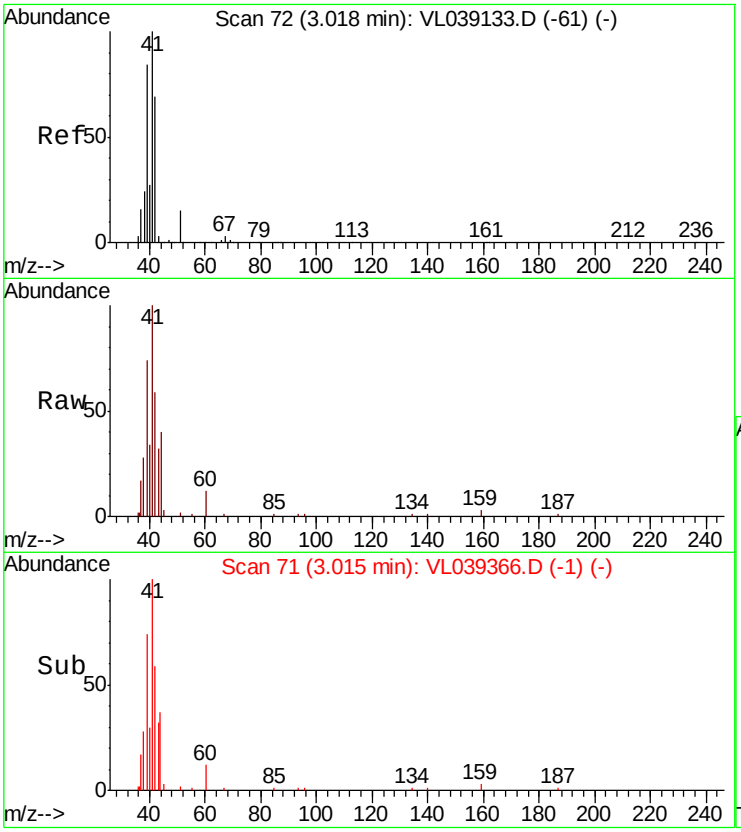


#3
Chlorodifluoromethane
Concen: 0.036 ppbv
RT: 2.99 min Scan# 63
Delta R.T. -0.01 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

Tgt Ion: 51 Resp: 5533

Ion	Ratio	Lower	Upper
51	100		
67	19.1	16.2	24.4



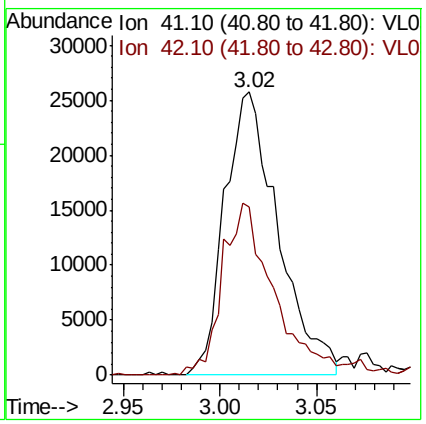


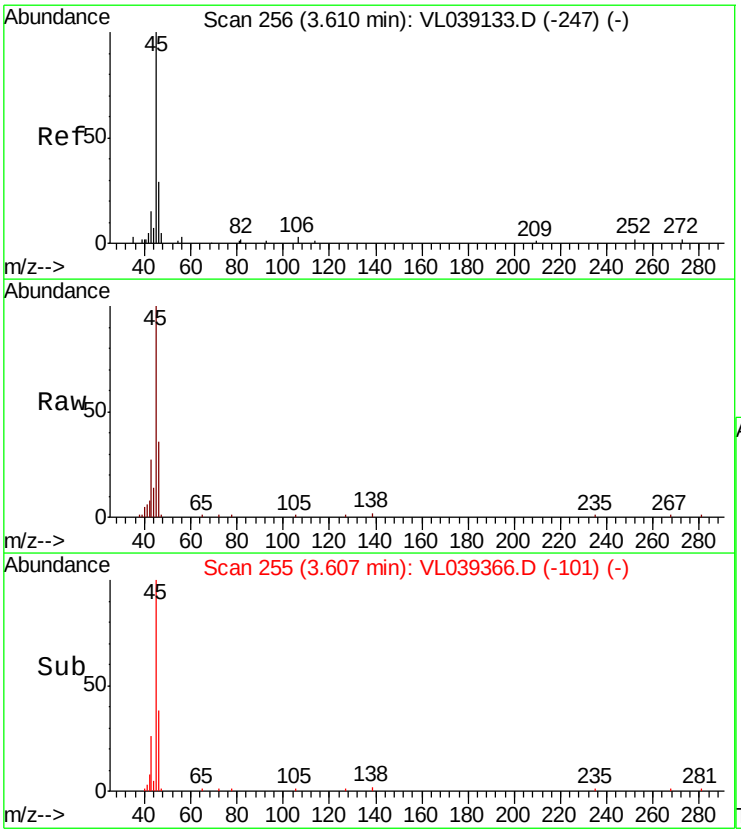
#9
Propene
Concen: 0.749 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 27 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 41 Resp: 49540

Ion	Ratio	Lower	Upper
41	100		
42	61.6	55.4	83.2

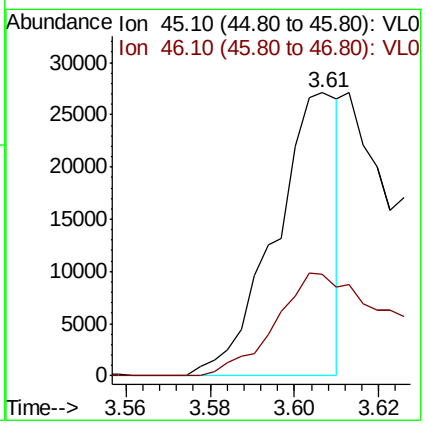


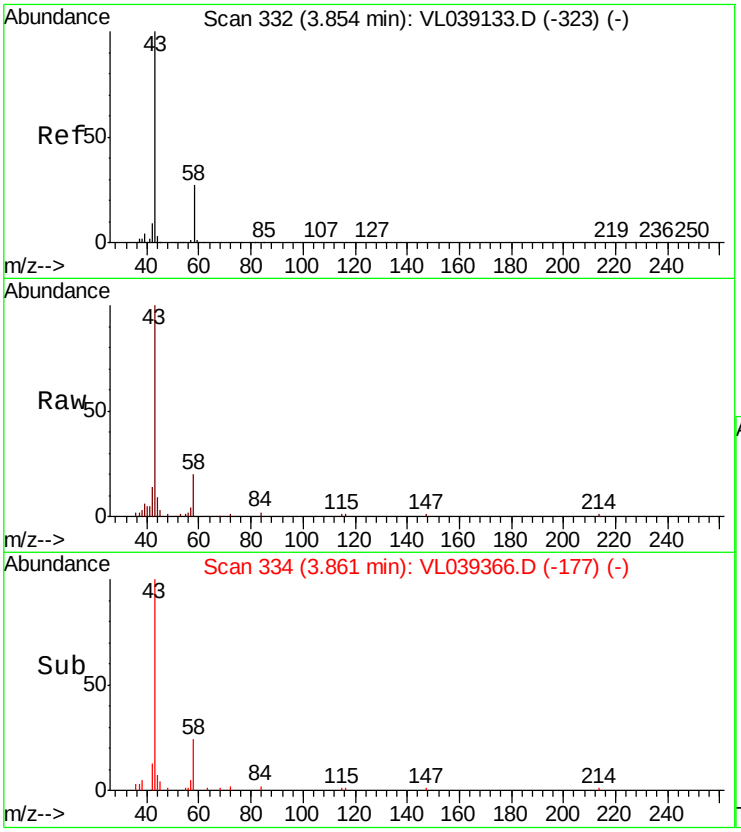


#13
Ethanol
Concen: 7.864 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

Tgt Ion: 45 Resp: 28380

Ion	Ratio	Lower	Upper
45	100		
46	95.2	0.0	0.0#



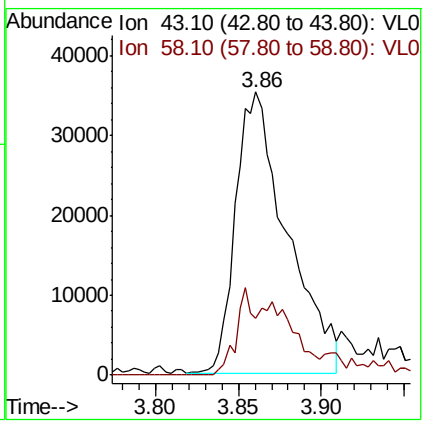


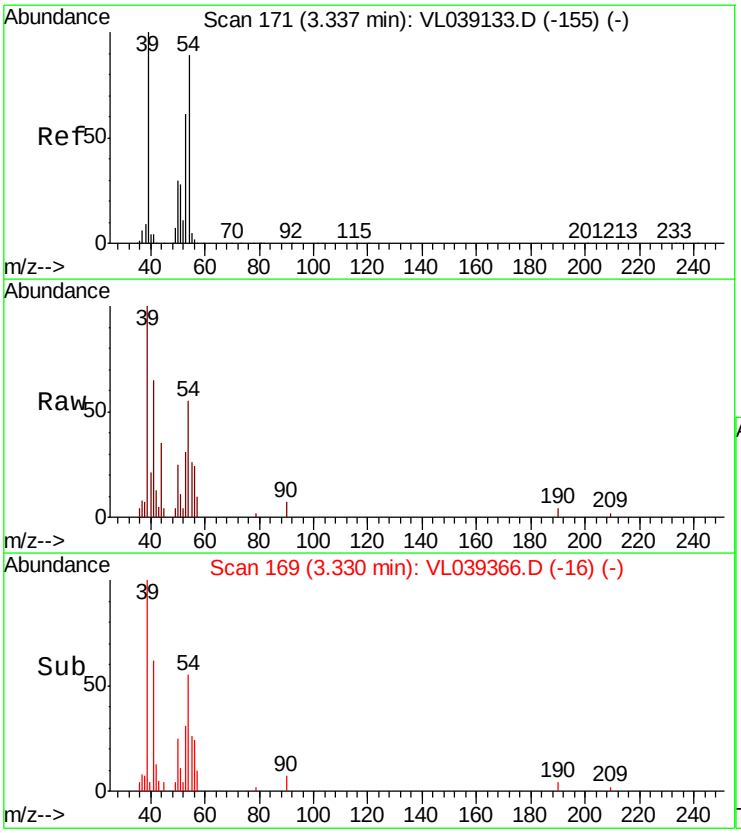
#15
Acetone
Concen: 0.613 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 27 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 43 Resp: 76133

Ion	Ratio	Lower	Upper
43	100		
58	36.3	22.5	33.7#

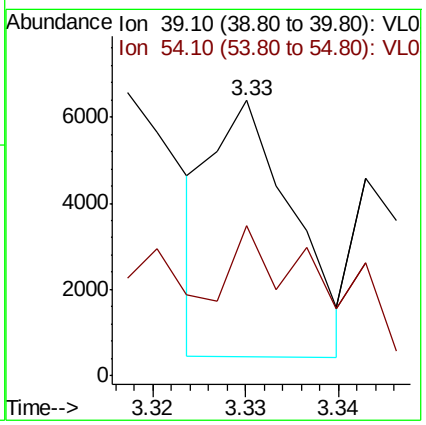


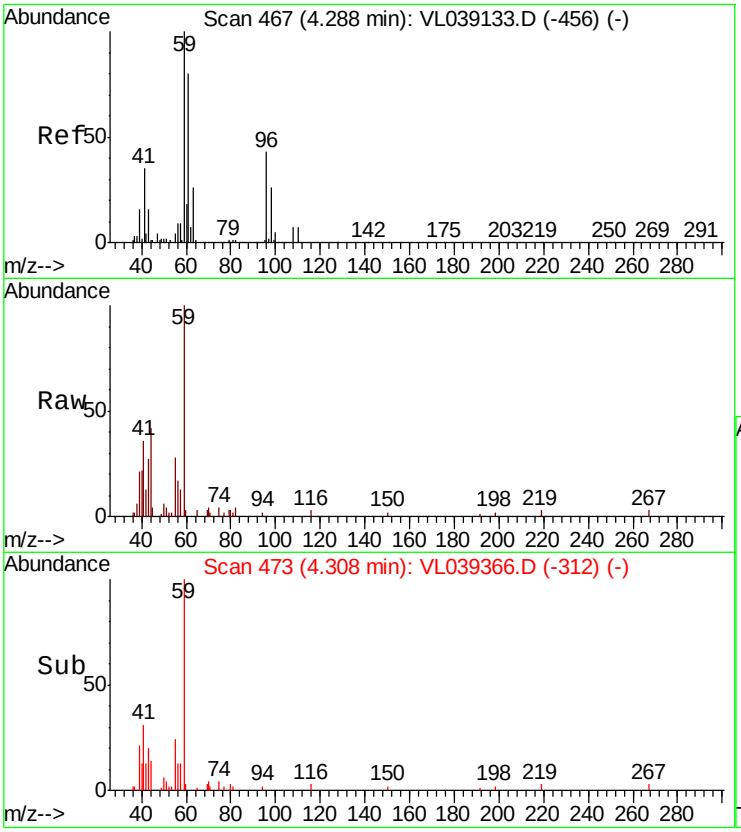


#16
1,3-Butadiene
Concen: 0.054 ppbv
RT: 3.33 min Scan# 169
Delta R.T. -0.01 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

Tgt Ion: 39 Resp: 3606

Ion	Ratio	Lower	Upper
39	100		
54	177.0	65.8	98.6#



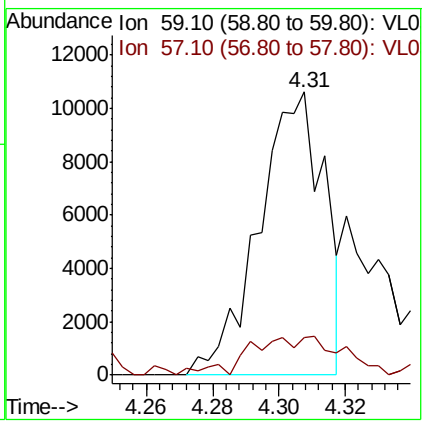


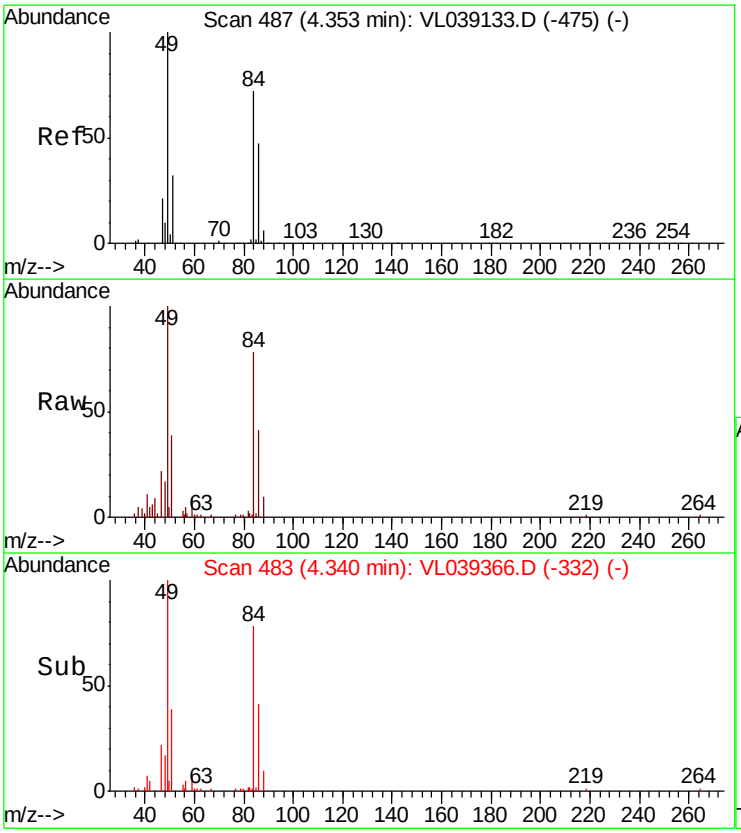
#17
tert-Butyl alcohol
Concen: 0.151 ppbv
RT: 4.31
Delta R.T
Lab File:
Acq: 27 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 59 Resp: 14556

Ion	Ratio	Lower	Upper
59	100		
57	23.4	9.1	13.7#

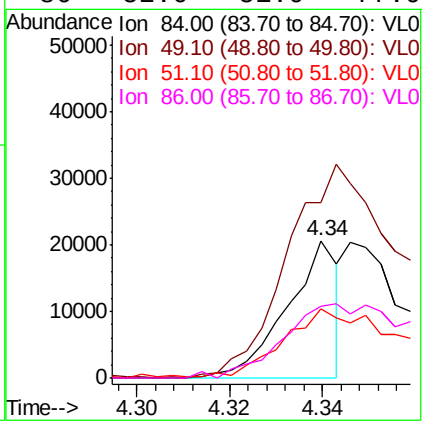


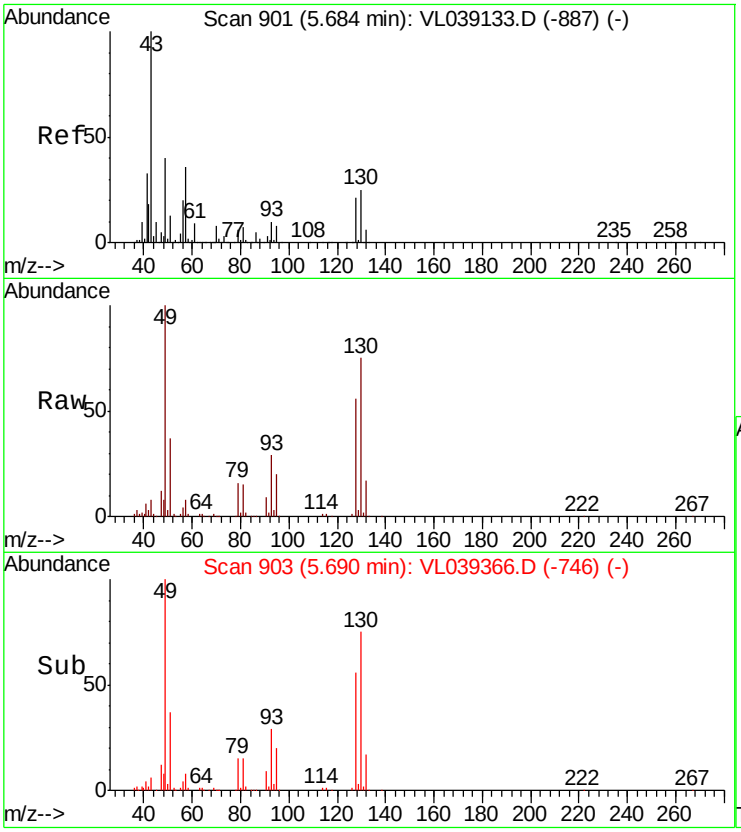


#20
Methylene Chloride
Concen: 0.300 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

Tgt Ion: 84 Resp: 15702

Ion	Ratio	Lower	Upper
84	100		
49	128.0	111.1	166.7
51	49.3	35.3	52.9
86	52.0	51.9	77.9



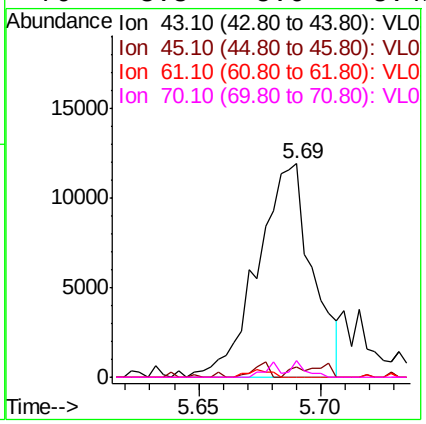


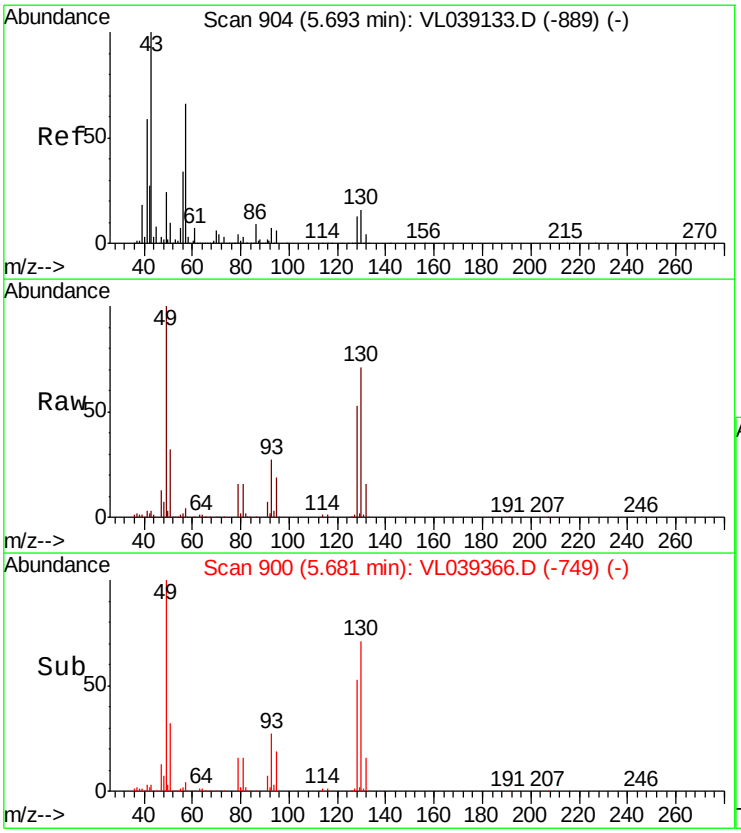
#25
Ethyl Acetate
Concen: 0.066 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 27 Jun 2022 19:44

Instrument : MSVOA_L
ClientSampleId : SG-3DL

Tgt Ion: 43 Resp: 18539

Ion	Ratio	Lower	Upper
43	100		
45	5.9	8.2	12.2#
61	1.5	8.4	12.6#
70	3.8	5.6	8.4#

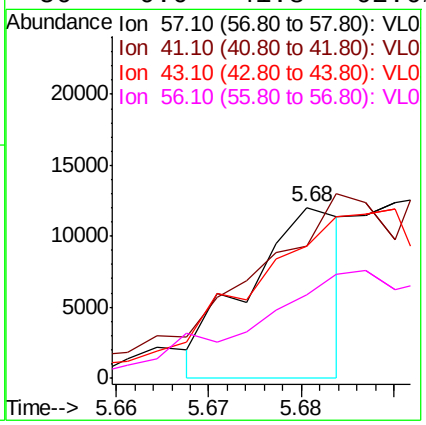


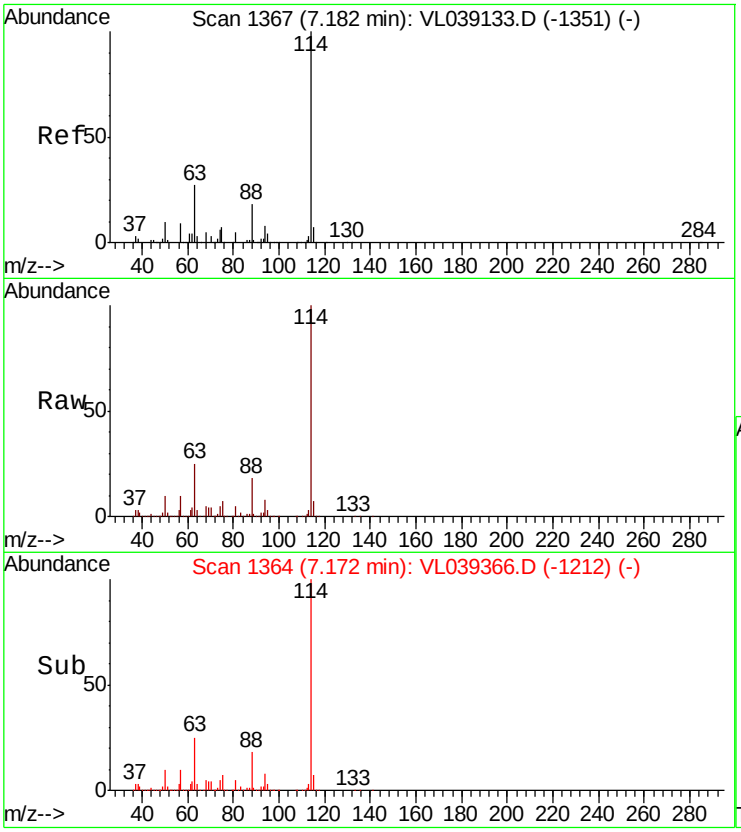


#26
Hexane
Concen: 0.069 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

Tgt Ion: 57 Resp: 8529

Ion	Ratio	Lower	Upper
57	100		
41	0.0	72.4	108.6#
43	0.0	187.0	280.6#
56	0.0	41.8	62.6#



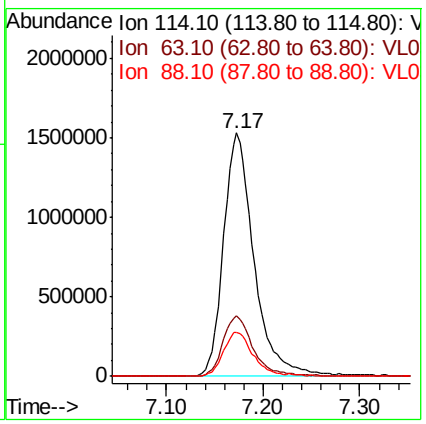


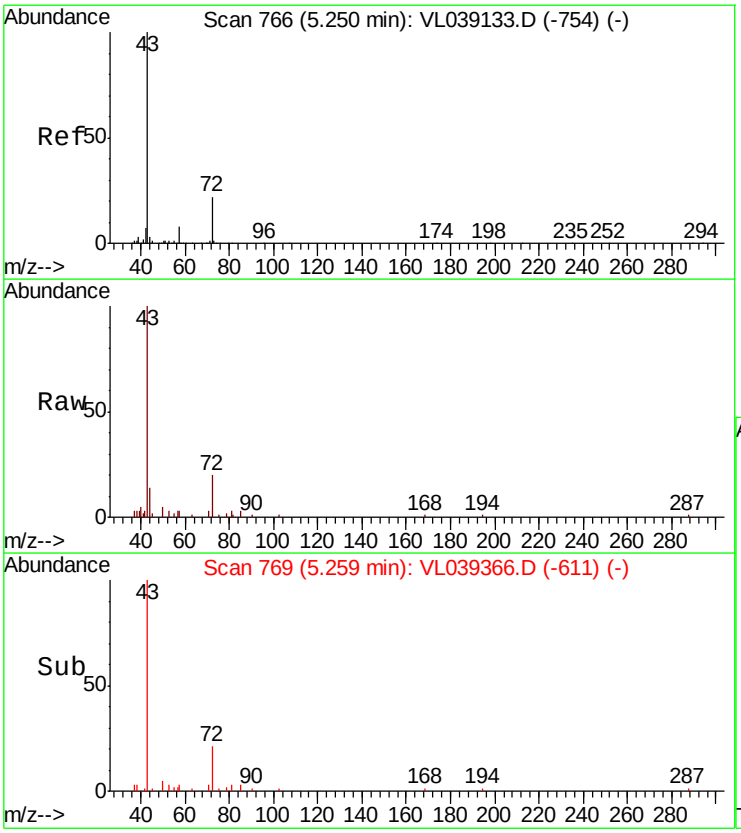
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 27 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion:114 Resp: 3346482

Ion	Ratio	Lower	Upper
114	100		
63	24.9	21.7	32.5
88	18.3	14.8	22.2

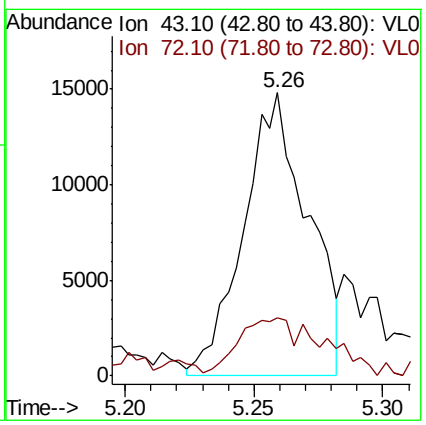


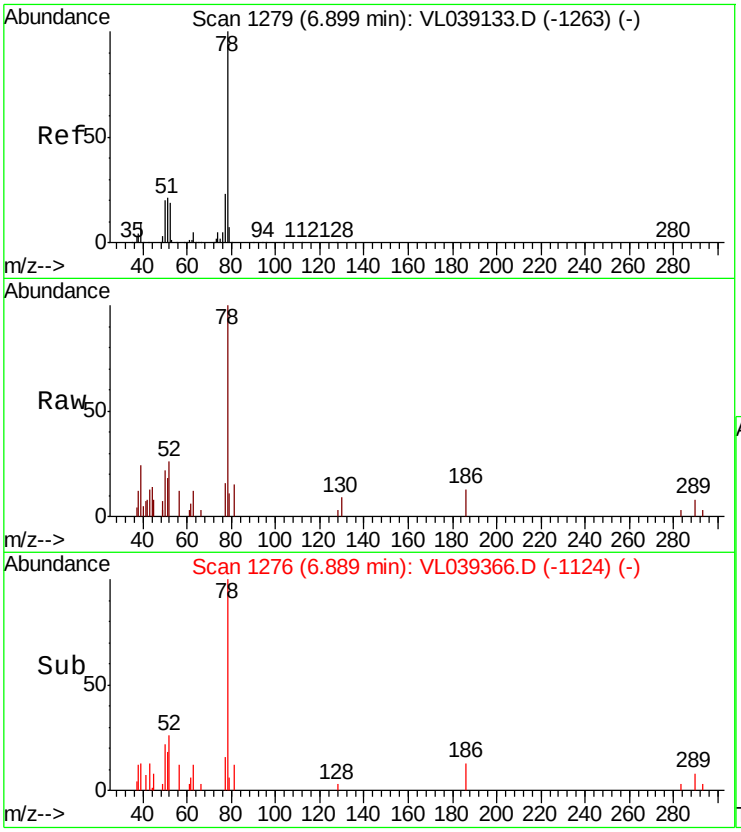


#34
2-Butanone
Concen: 0.142 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.01 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

Tgt Ion: 43 Resp: 25802

Ion	Ratio	Lower	Upper
43	100		
72	28.2	18.2	27.2#



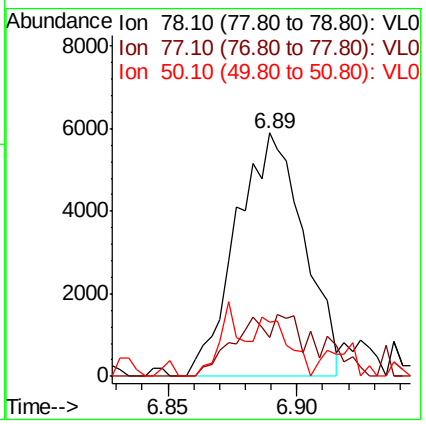


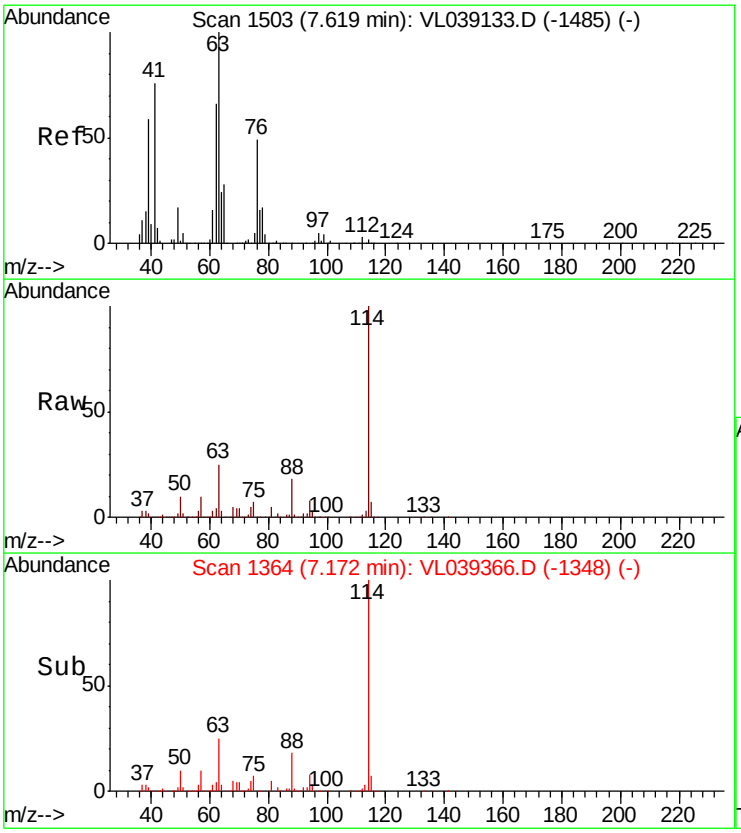
#36
Benzene
Concen: 0.040 ppbv
RT: 6.89
Delta R.T
Lab File:
Acq: 27 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 78 Resp: 10739

Ion	Ratio	Lower	Upper
78	100		
77	16.1	18.6	27.8#
50	22.5	15.8	23.8

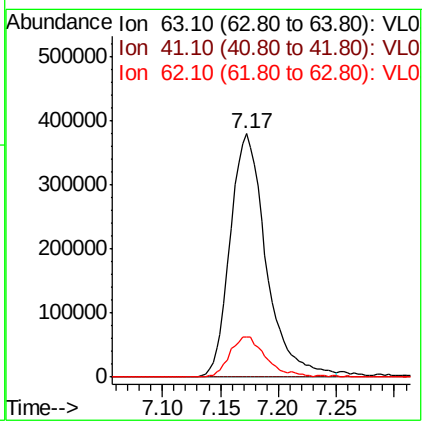


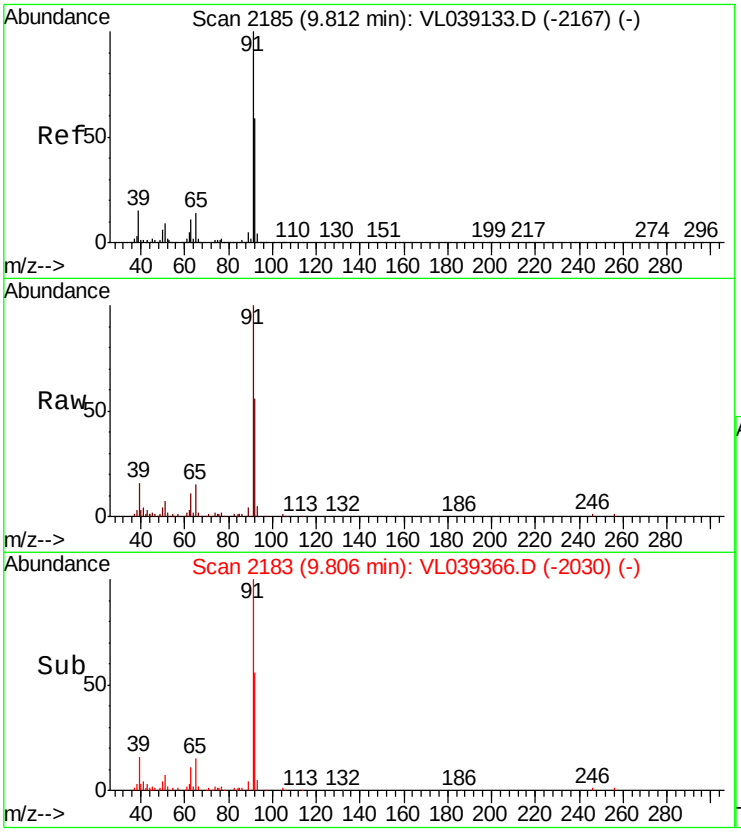


#39
1,2-Dichloropropane
Concen: 7.571 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.45 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

Tgt Ion: 63 Resp: 818169

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	16.4	52.9	79.3#



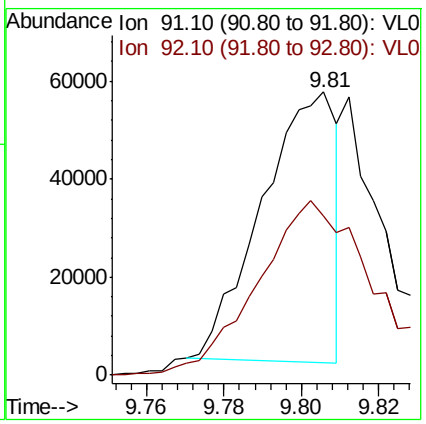


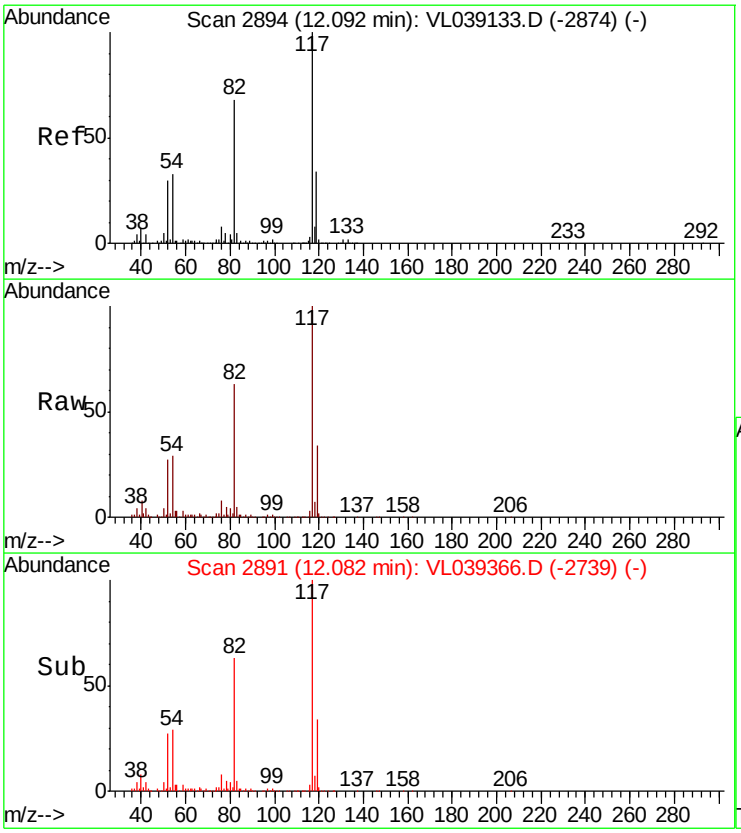
#53
Toluene
Concen: 0.236 ppbv
RT: 9.81
Delta R.T
Lab File:
Acq: 27 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 91 Resp: 73832

Ion	Ratio	Lower	Upper
91	100		
92	105.7	48.1	72.1#

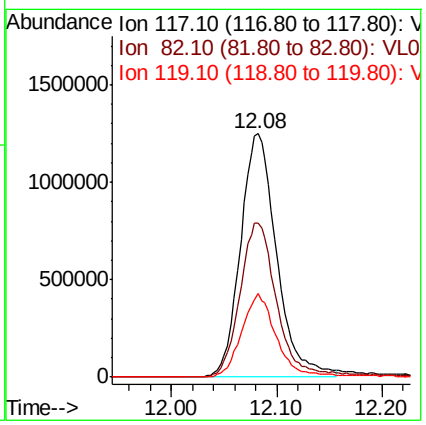


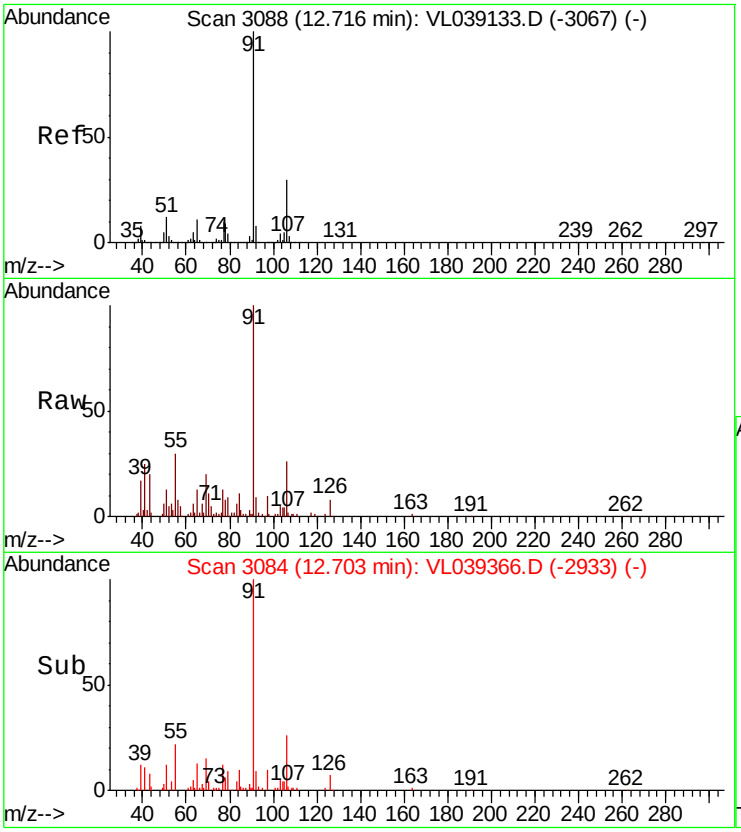


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

Tgt Ion:117 Resp: 2976337

Ion	Ratio	Lower	Upper
117	100		
82	66.8	55.1	82.7
119	34.1	24.7	37.1



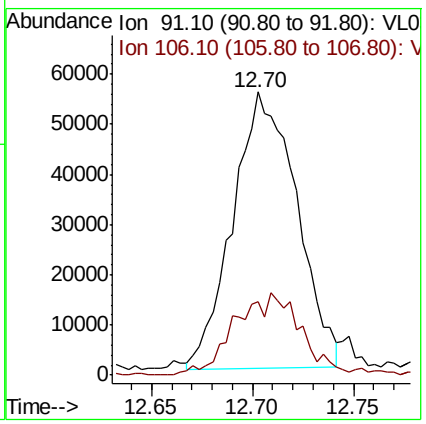


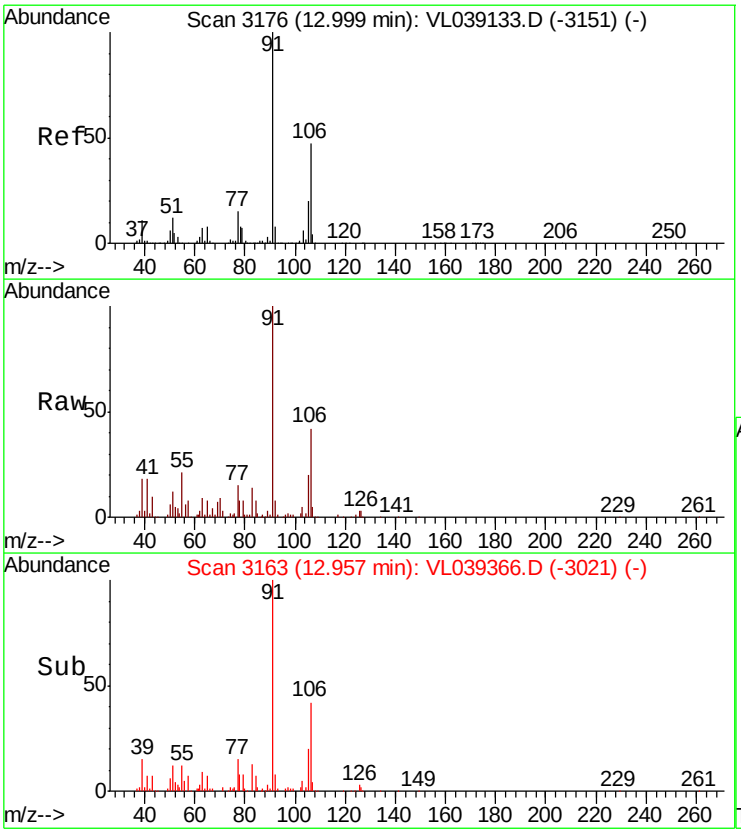
#58
Ethyl Benzene
Concen: 0.297 ppbv
RT: 12.70
Delta R.T
Lab File:
Acq: 27 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 91 Resp: 121901

Ion	Ratio	Lower	Upper
91	100		
106	24.9	24.2	36.4

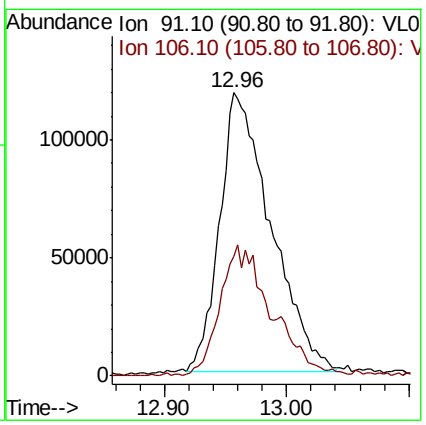


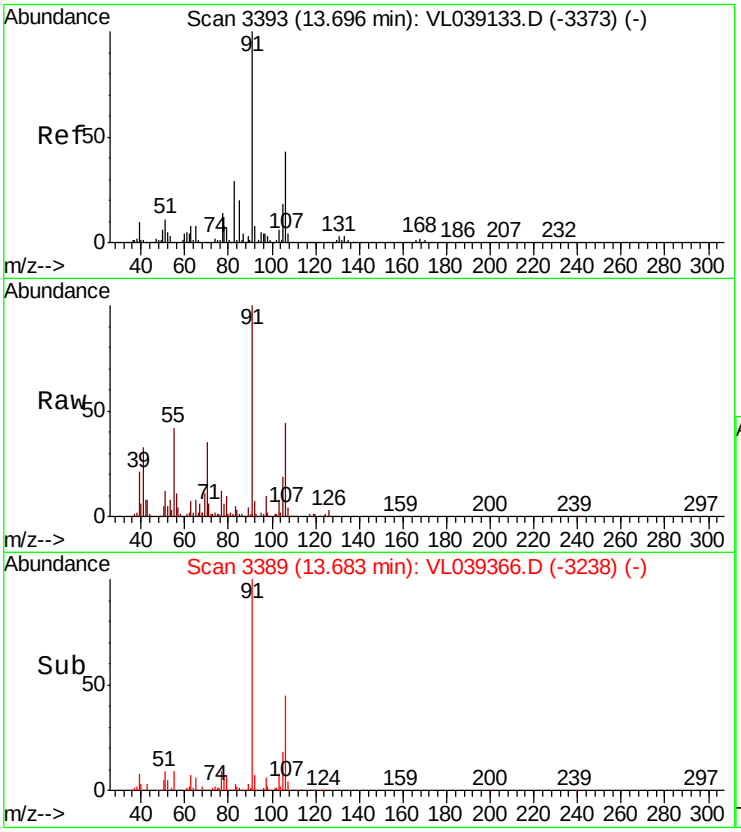


#59
m/p-Xylene
Concen: 0.953 ppbv
RT: 12.96 min Scan# 3163
Delta R.T. -0.04 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

Tgt Ion: 91 Resp: 344202

Ion	Ratio	Lower	Upper
91	100		
106	48.5	34.3	51.5



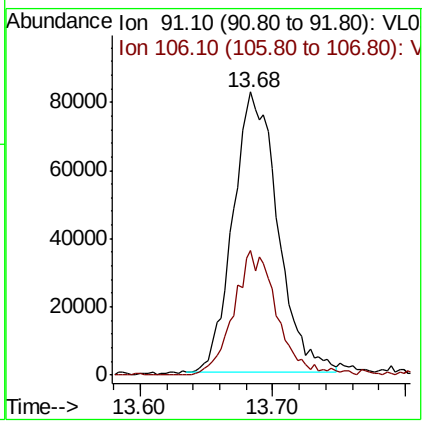


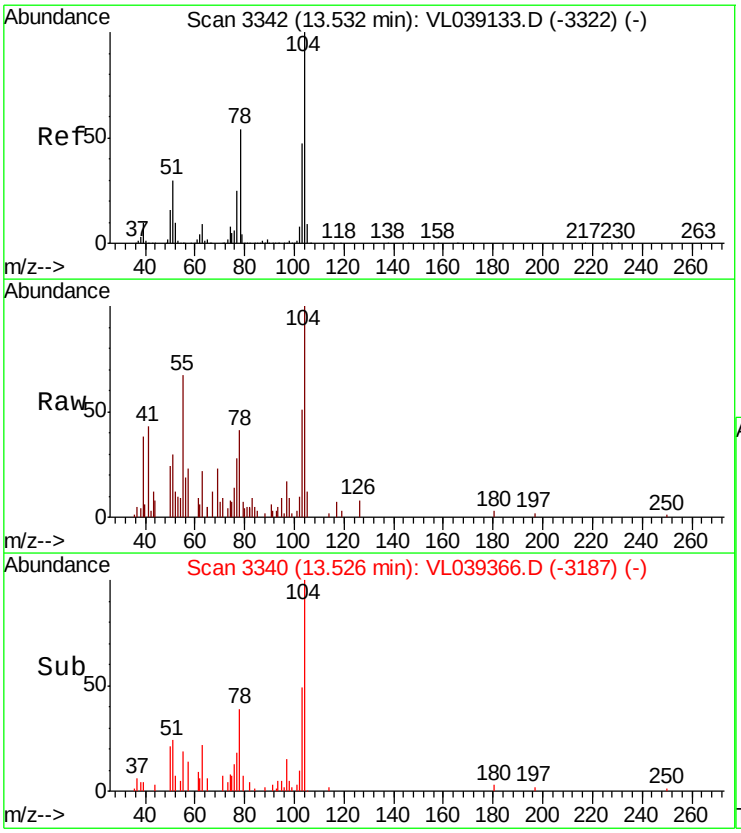
#60
o-Xylene
Concen: 0.570 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 27 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 91 Resp: 193413

Ion	Ratio	Lower	Upper
91	100		
106	42.8	22.3	66.9

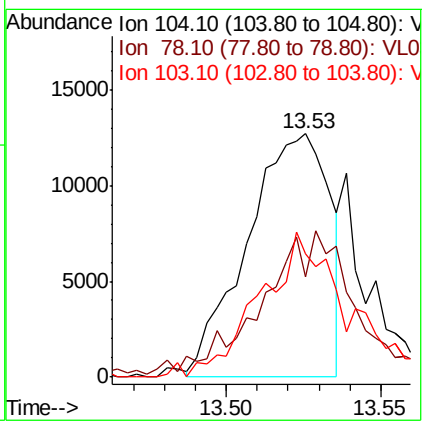


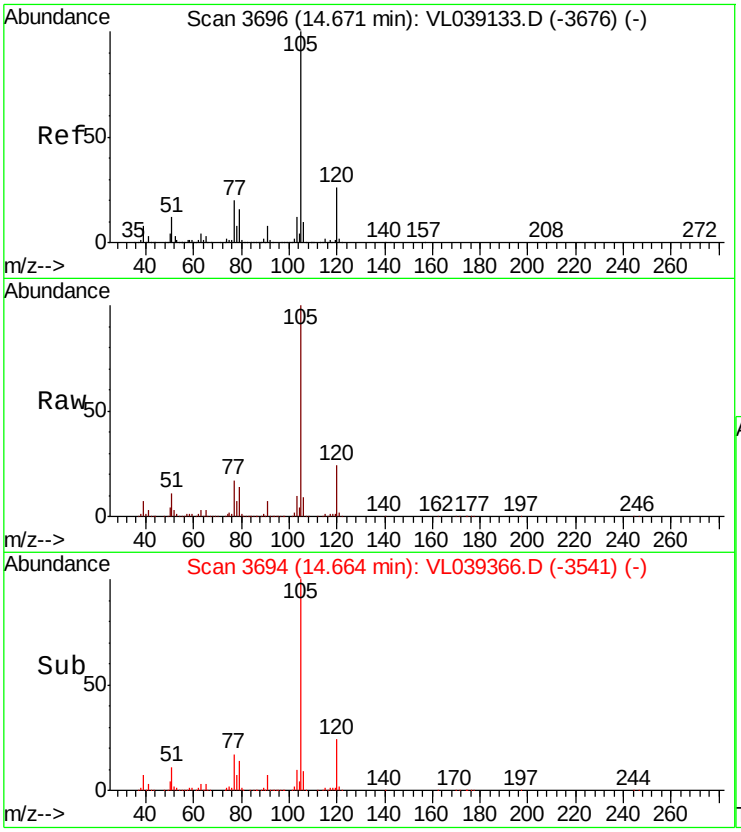


#61
Styrene
Concen: 0.129 ppbv
RT: 13.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

Tgt Ion:104 Resp: 23386

Ion	Ratio	Lower	Upper
104	100		
78	74.4	45.7	68.5#
103	63.8	39.6	59.4#



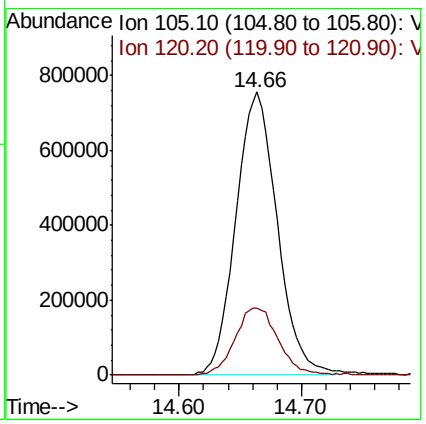


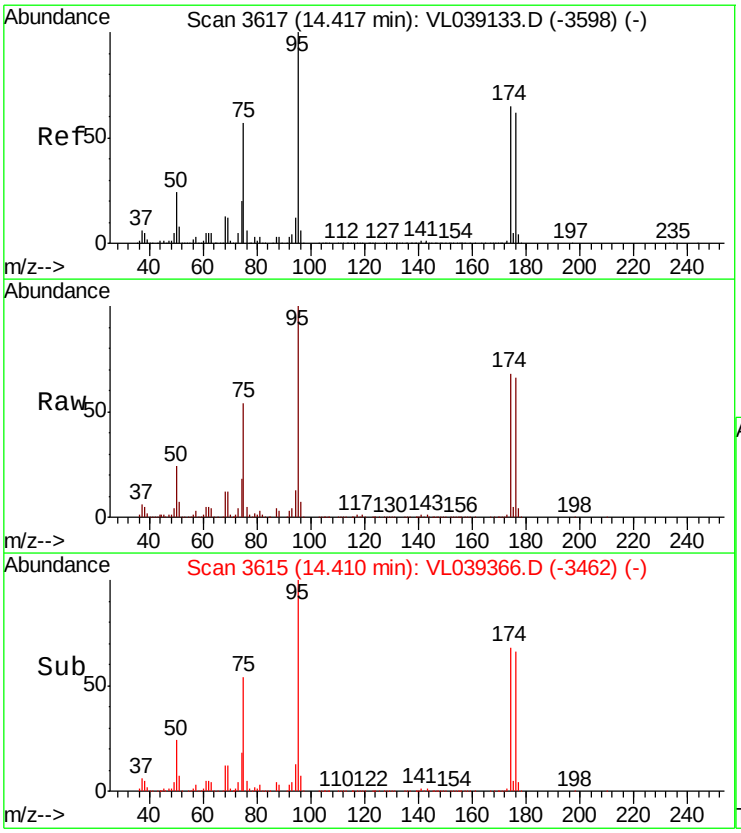
#62
Isopropylbenzene
Concen: 3.501 ppbv
RT: 14.66
Delta R.T
Lab File:
Acq: 27 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion:105 Resp: 1765085

Ion	Ratio	Lower	Upper
105	100		
120	24.9	20.3	30.5





#68
1-Bromo-4-Fluorobenzene
Concen: 9.429 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. -0.01 min
Lab File: VL039366.D
Acq: 27 Jun 2022 19:44

Tgt Ion: 95 Resp: 2320235

Ion	Ratio	Lower	Upper
95	100		
174	70.9	53.8	80.8
175	5.1	4.1	6.1