Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060622\
Data File : VL039195.D
Acq On : 6 Jun 2022 22:00
Operator : SY/AP
Sample : N3110-05DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jun 07 03:19:02 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	1158842	10.00	ppbv		-0.01
33) 1,4-Difluorobenzene	7.17	114	3235331	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.08	117	2809618	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2215238	9.54	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.40%				
Target Compounds							Qvalue
4) Chloromethane	3.14	50	2894	0.038	ppbv		91
9) Propene	3.36	41	8028	0.125	ppbv		84
11) Trichlorofluoromethane	3.95	101	114018	0.619	ppbv		92
13) Ethanol	3.61	45	12881	3.674	ppbv	#	100
15) Acetone	3.85	43	597226	4.947	ppbv		92
16) 1,3-Butadiene	3.31	39	73104	1.127	ppbv	#	15
17) tert-Butyl alcohol	4.30	59	12410	0.133	ppbv	#	65
19) Isopropyl Alcohol	3.97	45	6529	0.115	ppbv	#	93
20) Methylene Chloride	4.34	84	74740	1.469	ppbv		98
25) Ethyl Acetate	5.68	43	93321	0.343	ppbv	#	78
26) Hexane	5.68	57	138092	1.155	ppbv	#	41
27) Carbon Disulfide	4.55	76	4642	0.037	ppbv	#	39
34) 2-Butanone	5.25	43	22022	0.125	ppbv	#	53
39) 1,2-Dichloropropane	7.17	63	743596	7.117	ppbv	#	23
52) Tetrachloroethene	11.21	164	17499	0.171	ppbv		97
53) Toluene	9.80	91	52601	0.174	ppbv		95
58) Ethyl Benzene	12.70	91	17847	0.046	ppbv		98
59) m/p-Xylene	12.98	91	13696	0.040	ppbv	#	33
74) 1,2,4-Trimethylbenzene	16.75	105	40024	0.106	ppbv	#	57

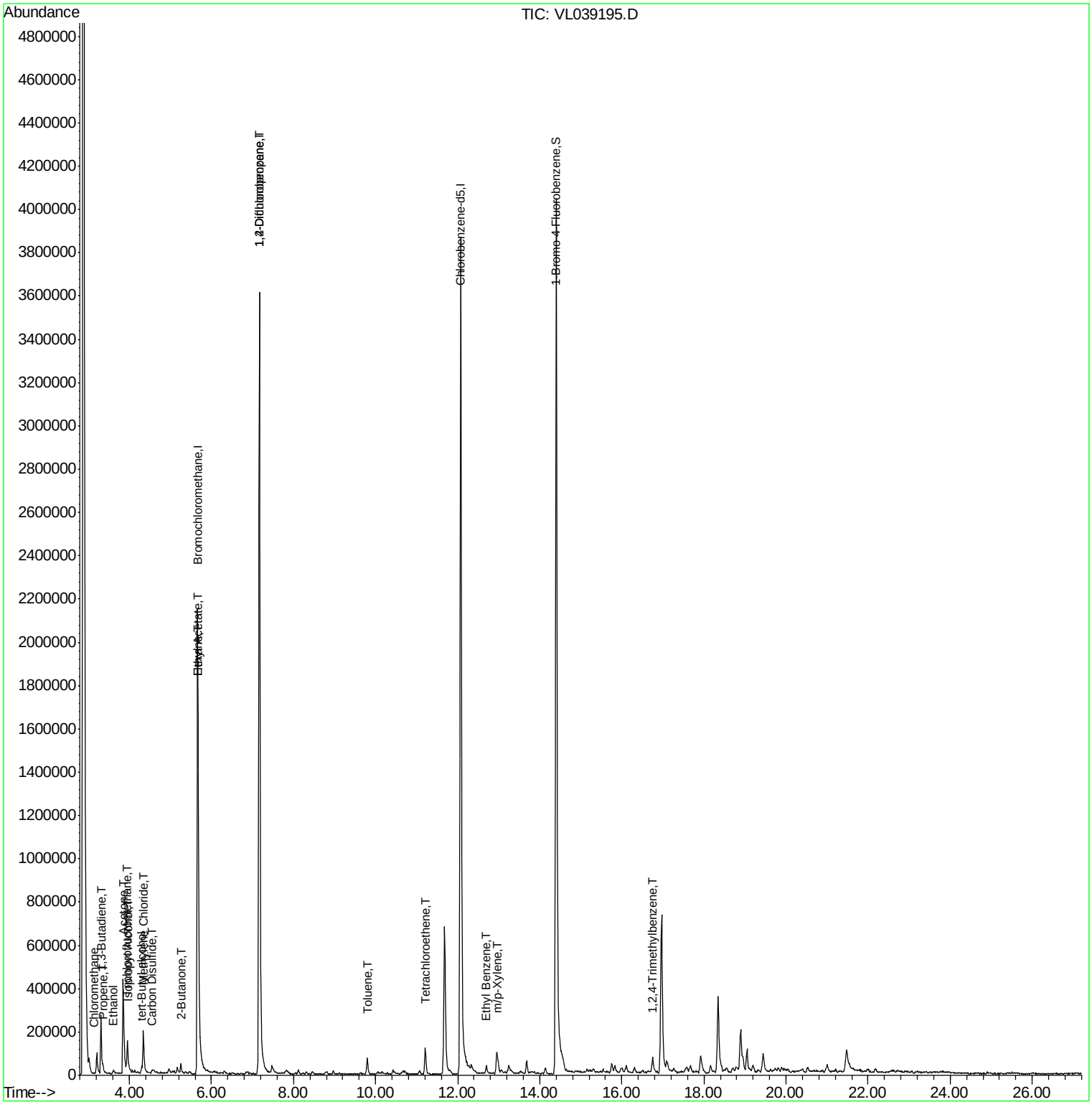
(#) = qualifier out of range (m) = manual integration (+) = signals summed

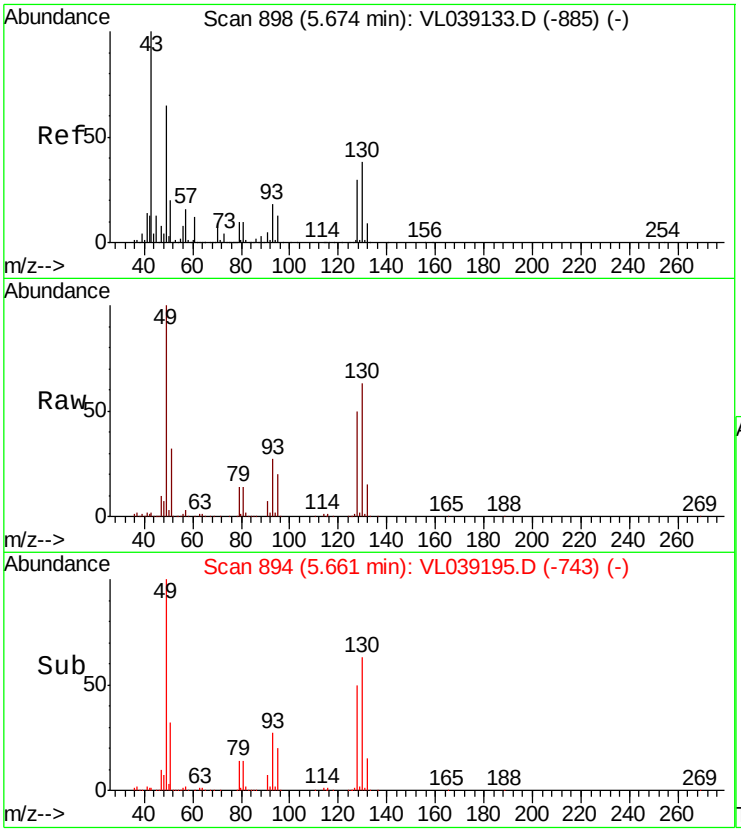
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060622\
Data File : VL039195.D
Acq On : 6 Jun 2022 22:00
Operator : SY/AP
Sample : N3110-05DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jun 07 03:19:02 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



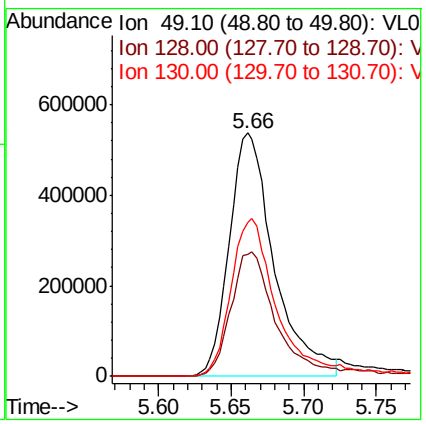


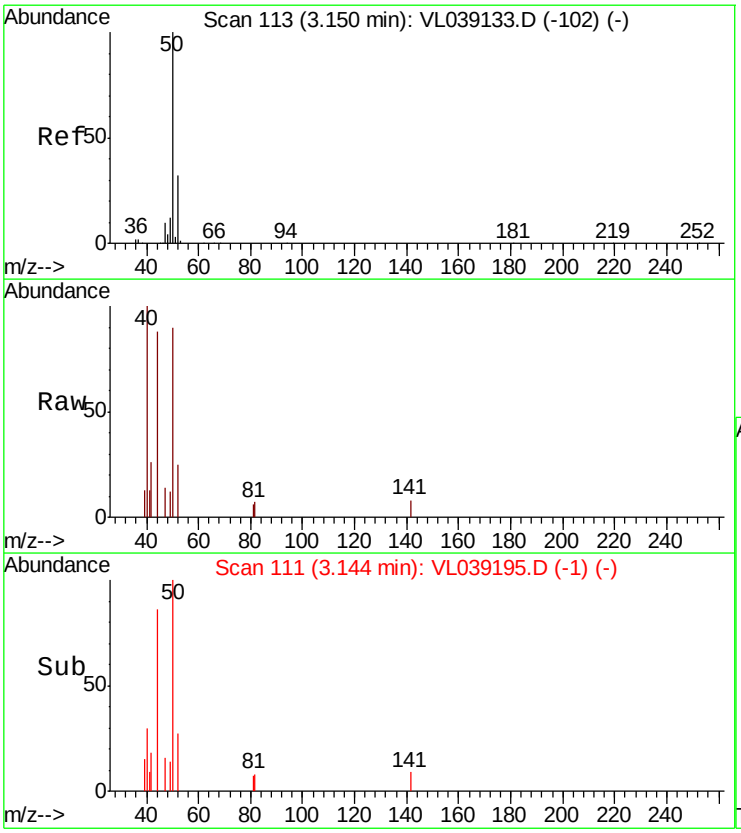
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 6 Jun 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1158842

Ion	Ratio	Lower	Upper
49	100		
128	53.9	24.7	74.1
130	68.3	31.4	94.0

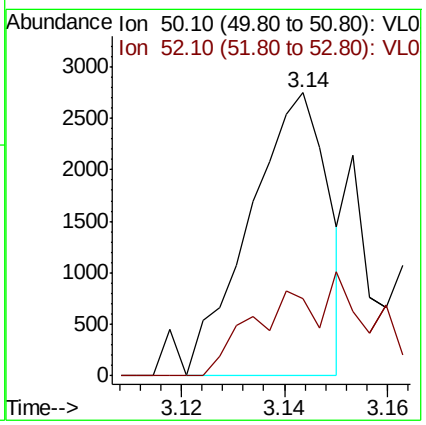


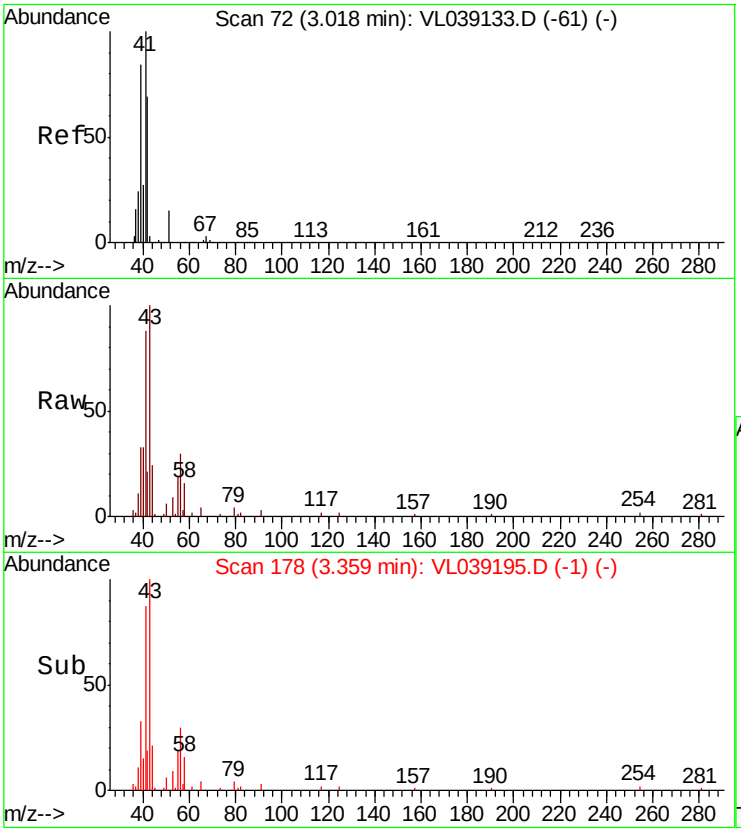


#4
Chloromethane
Concen: 0.038 ppbv
RT: 3.14 min Scan# 111
Delta R.T. -0.01 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

Tgt Ion: 50 Resp: 2894

Ion	Ratio	Lower	Upper
50	100		
52	27.2	25.9	38.9



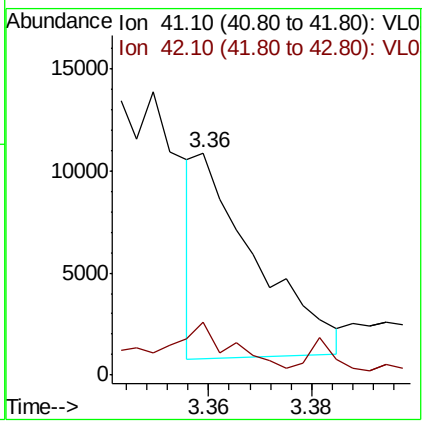


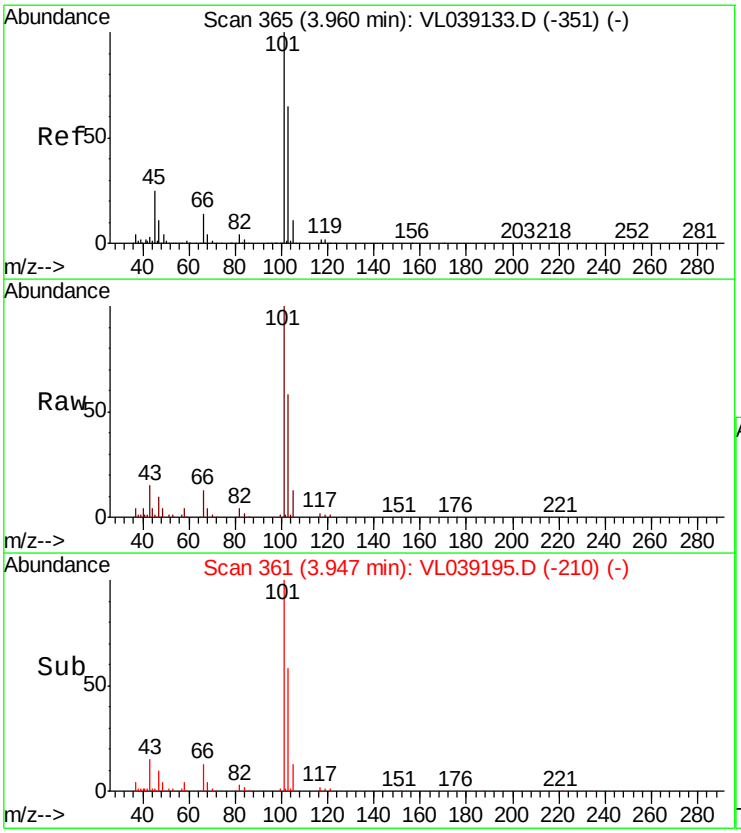
#9
Propene
Concen: 0.125 ppbv
RT: 3.36
Delta R.T
Lab File:
Acq: 6 Jun 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 8028

Ion	Ratio	Lower	Upper
41	100		
42	56.0	55.4	83.2

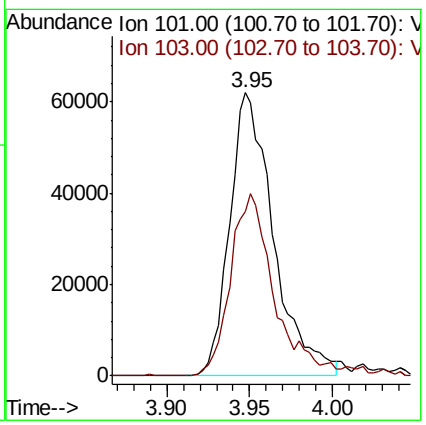


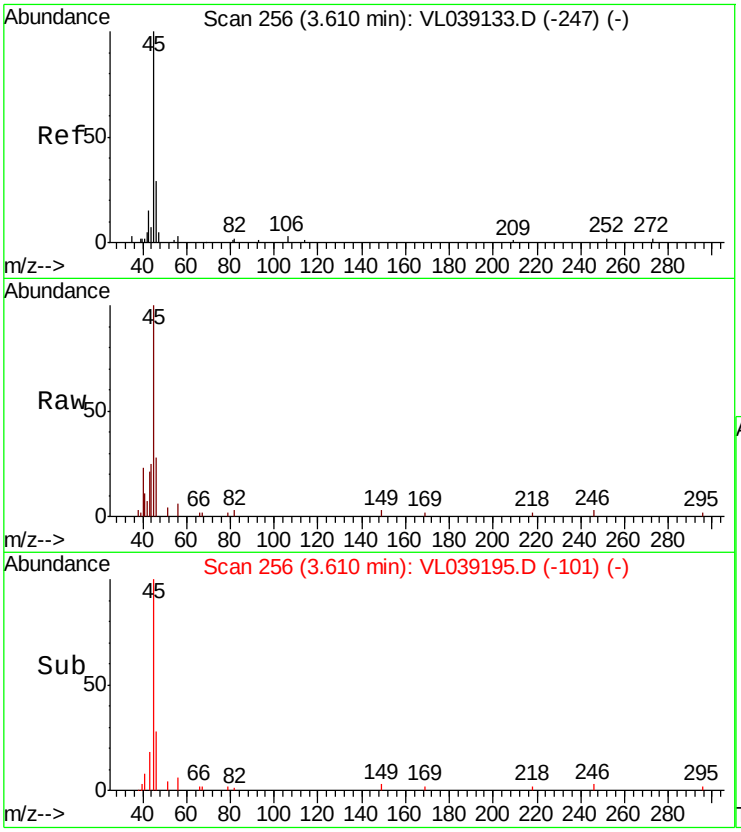


#11
Trichlorofluoromethane
Concen: 0.619 ppbv
RT: 3.95 min Scan# 361
Delta R.T. -0.01 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

Tgt Ion:101 Resp: 114018

Ion	Ratio	Lower	Upper
101	100		
103	58.2	51.7	77.5



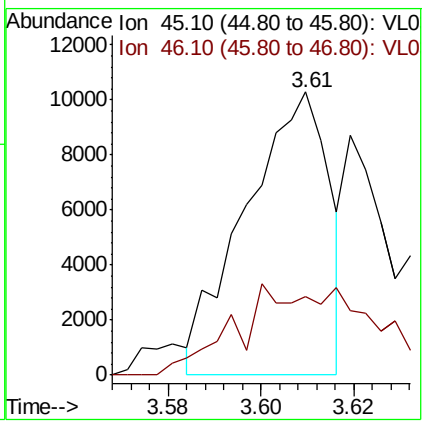


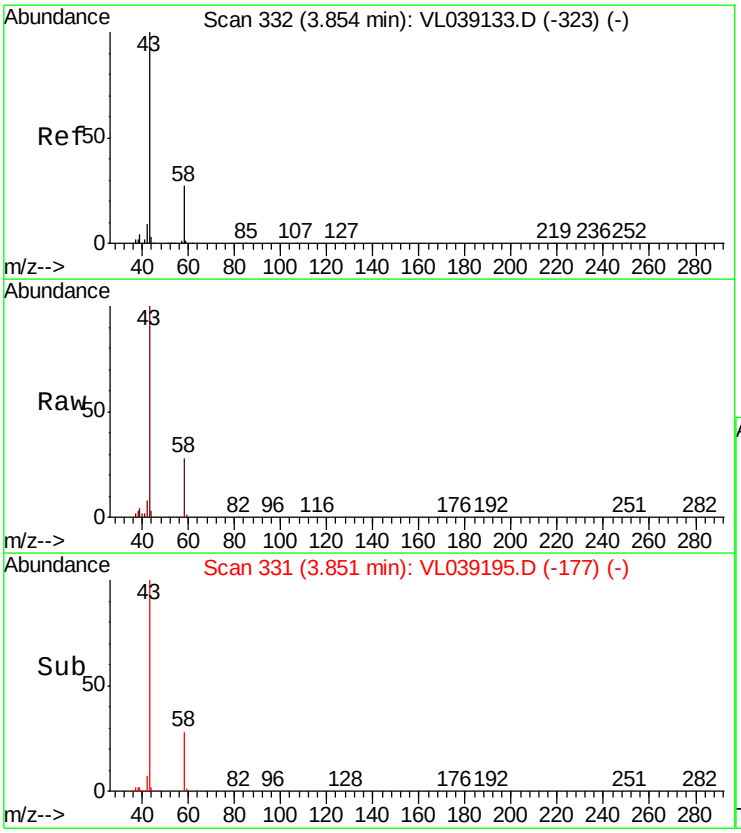
#13
Ethanol
Concen: 3.674 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 6 Jun 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 12881

Ion	Ratio	Lower	Upper
45	100		
46	73.5	0.0	0.0#

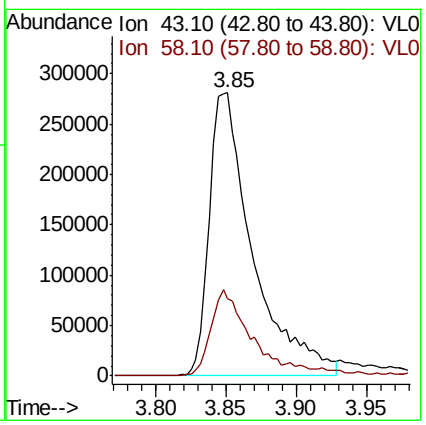


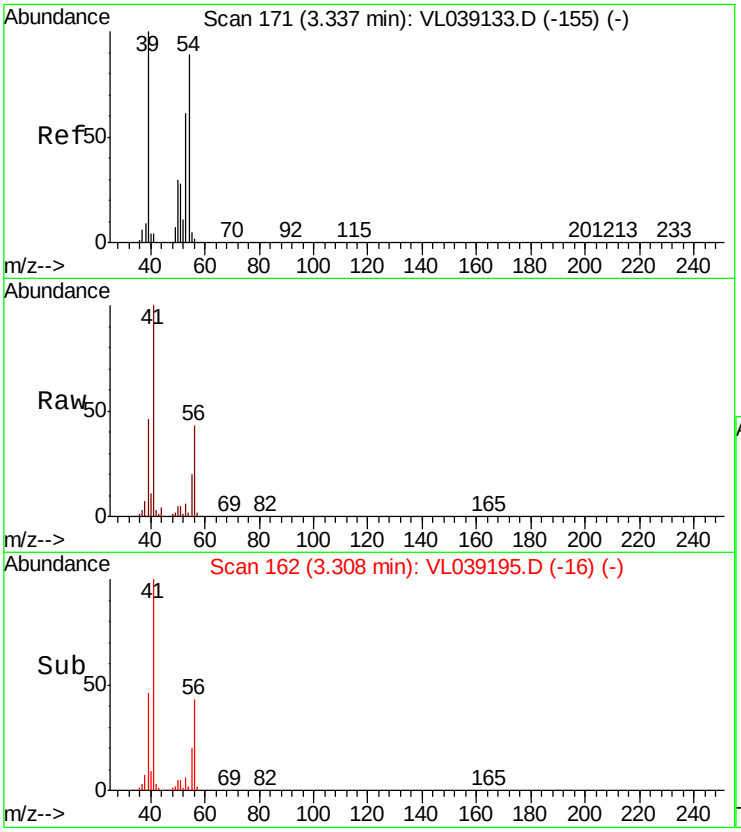


#15
Acetone
Concen: 4.947 ppbv
RT: 3.85 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

Tgt Ion: 43 Resp: 597226

Ion	Ratio	Lower	Upper
43	100		
58	32.1	22.5	33.7



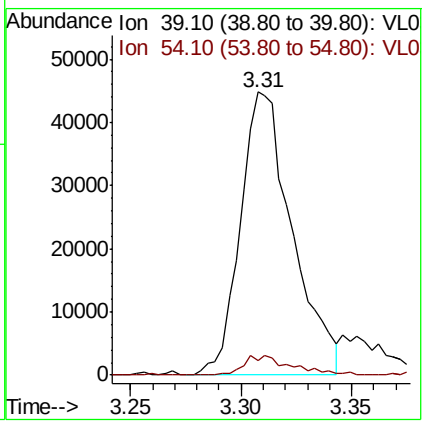


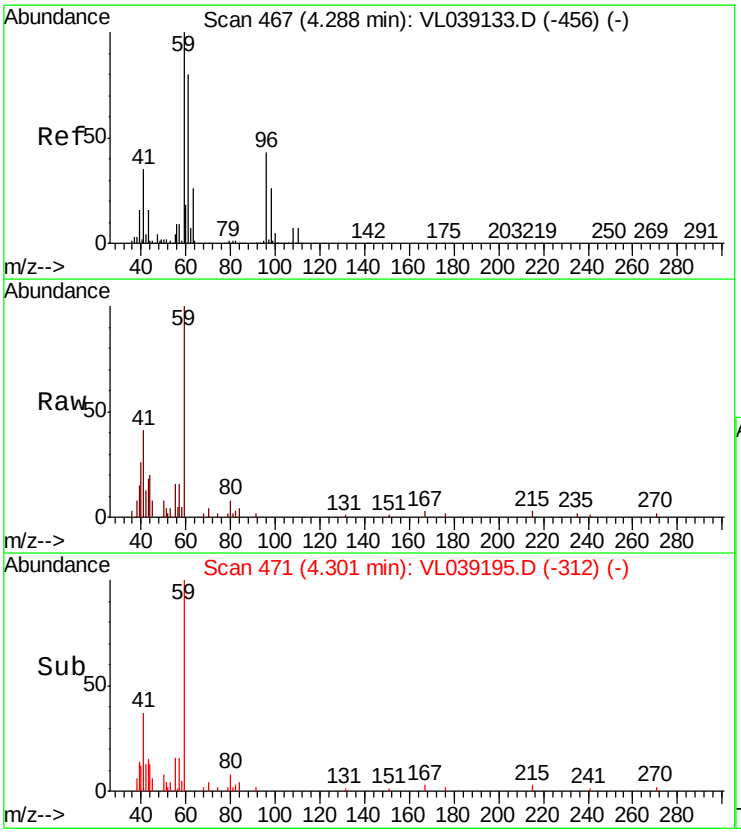
#16
1,3-Butadiene
Concen: 1.127 ppbv
RT: 3.31
Delta R.T
Lab File:
Acq: 6 Jun 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 73104

Ion	Ratio	Lower	Upper
39	100		
54	6.4	65.8	98.6#

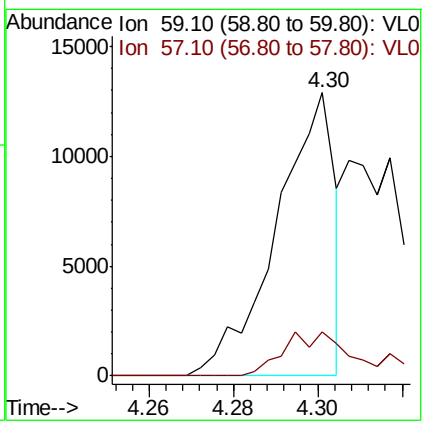


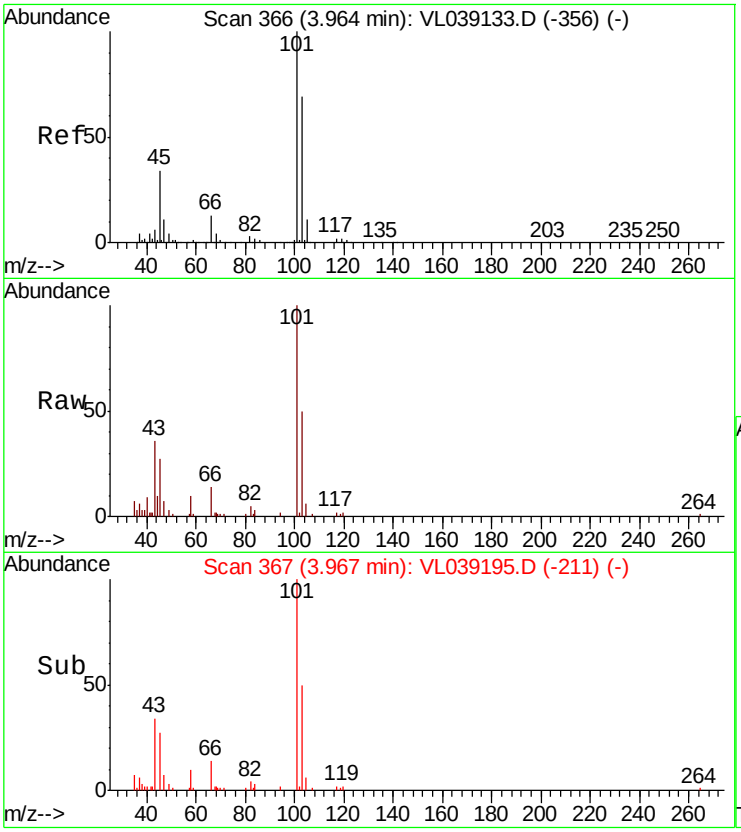


#17
tert-Butyl alcohol
Concen: 0.133 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.01 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

Tgt Ion: 59 Resp: 12410

Ion	Ratio	Lower	Upper
59	100		
57	24.8	9.1	13.7#



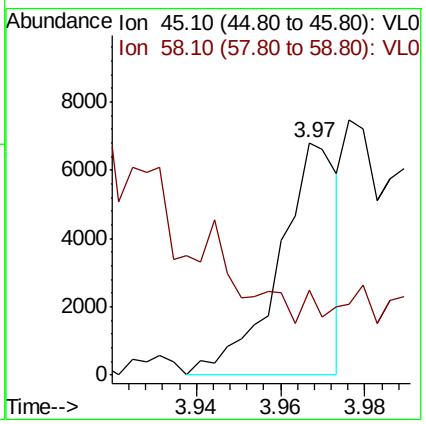


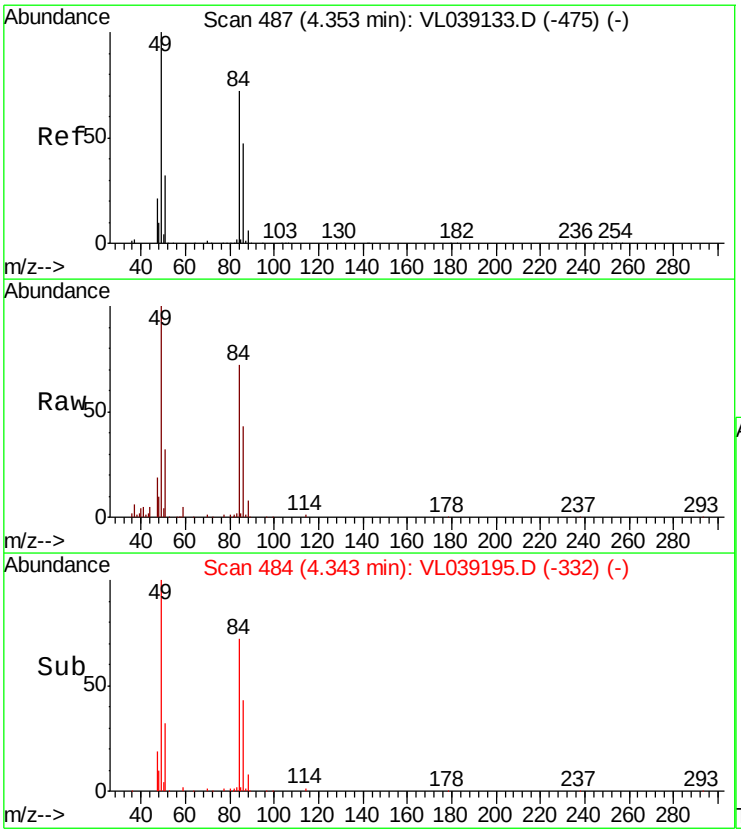
#19
Isopropyl Alcohol
Concen: 0.115 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 6 Jun 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 6529

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.8#

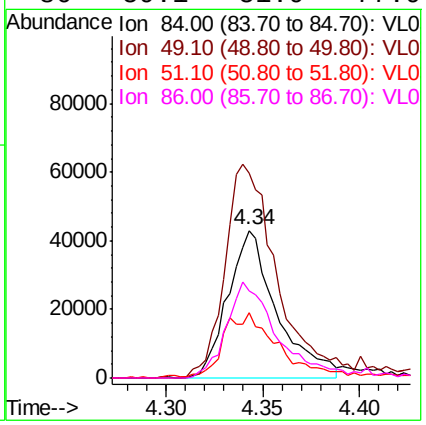


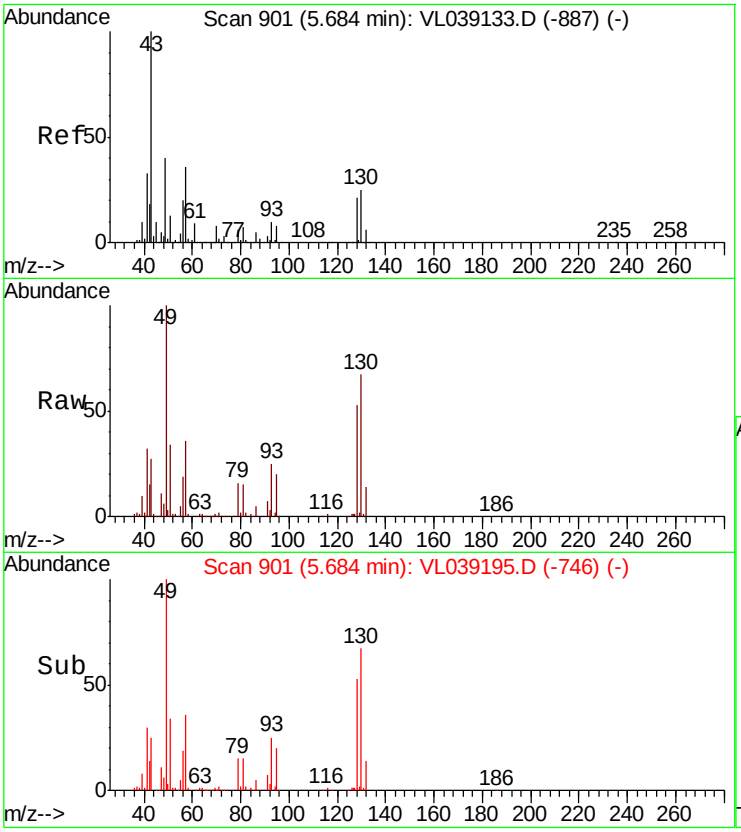


#20
Methylene Chloride
Concen: 1.469 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.01 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

Tgt Ion: 84 Resp: 74740

Ion	Ratio	Lower	Upper
84	100		
49	138.6	111.1	166.7
51	44.1	35.3	52.9
86	59.1	51.9	77.9



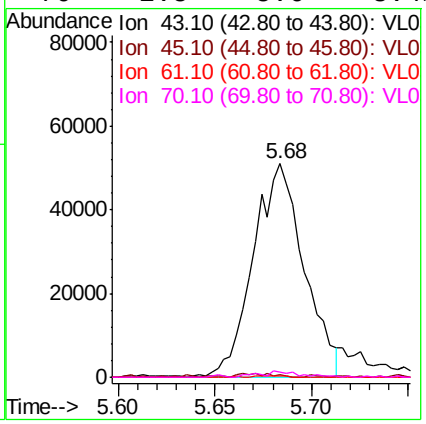


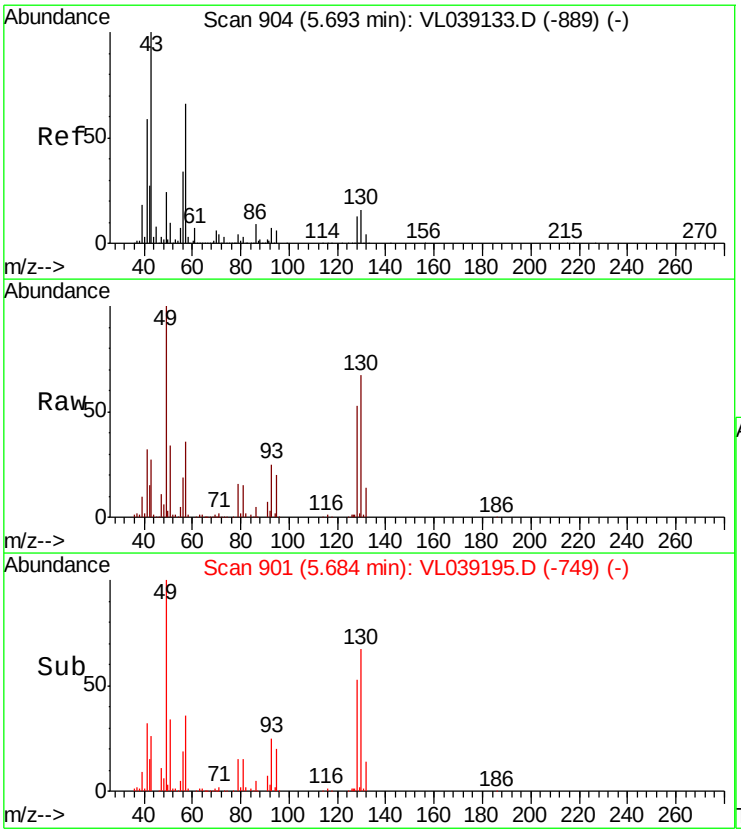
#25
Ethyl Acetate
Concen: 0.343 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 6 Jun 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 93321

Ion	Ratio	Lower	Upper
43	100		
45	1.9	8.2	12.2#
61	0.4	8.4	12.6#
70	2.5	5.6	8.4#

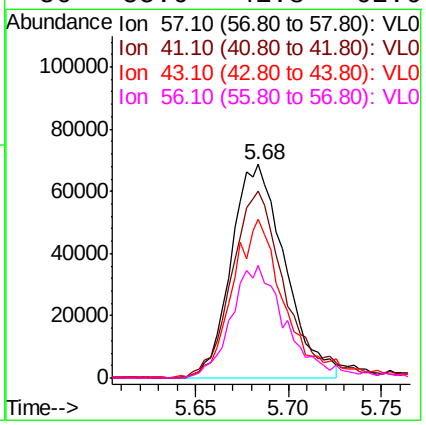


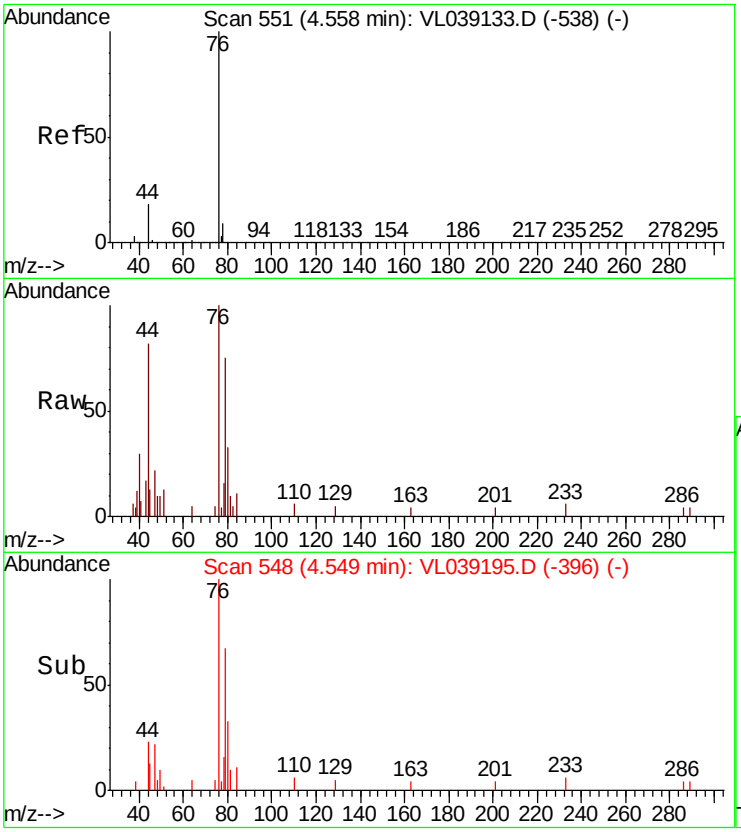


#26
Hexane
Concen: 1.155 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

Tgt Ion: 57 Resp: 138092

Ion	Ratio	Lower	Upper
57	100		
41	90.8	72.4	108.6
43	75.7	187.0	280.6#
56	55.6	41.8	62.6



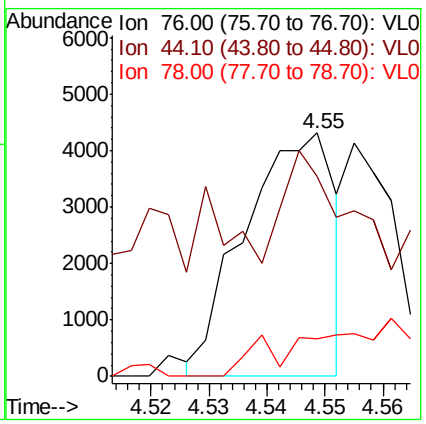


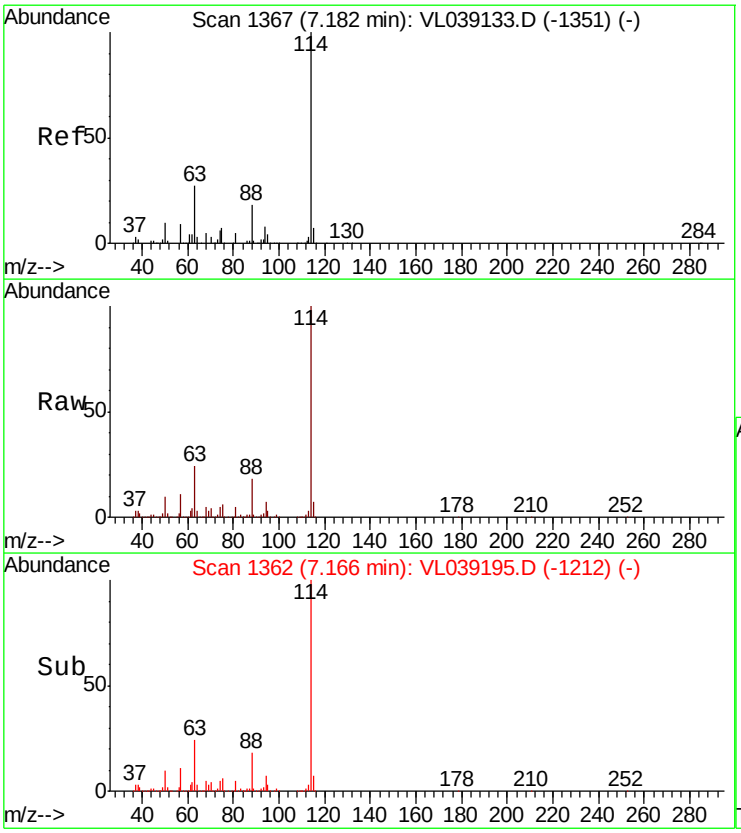
#27
Carbon Disulfide
Concen: 0.037 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 6 Jun 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 4642

Ion	Ratio	Lower	Upper
76	100		
44	52.9	14.4	21.6#
78	0.0	7.7	11.5#

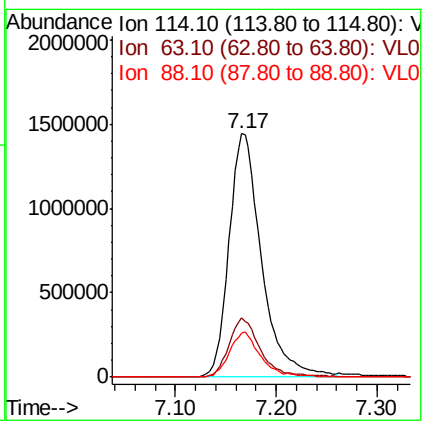


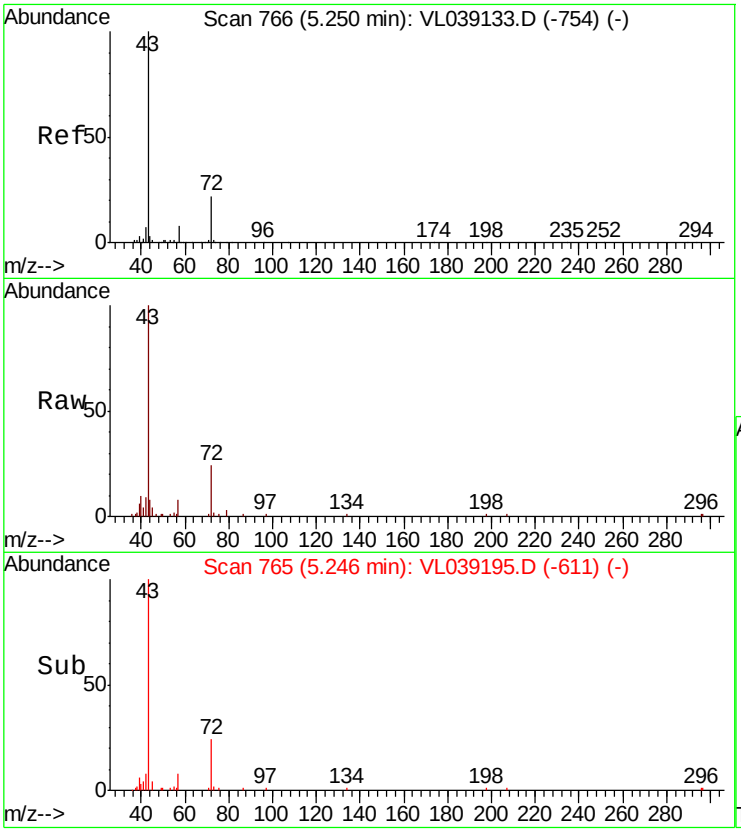


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.02 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

Tgt Ion:114 Resp: 3235331

Ion	Ratio	Lower	Upper
114	100		
63	23.9	21.7	32.5
88	17.9	14.8	22.2



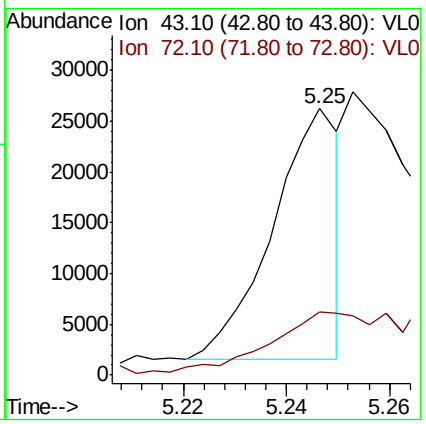


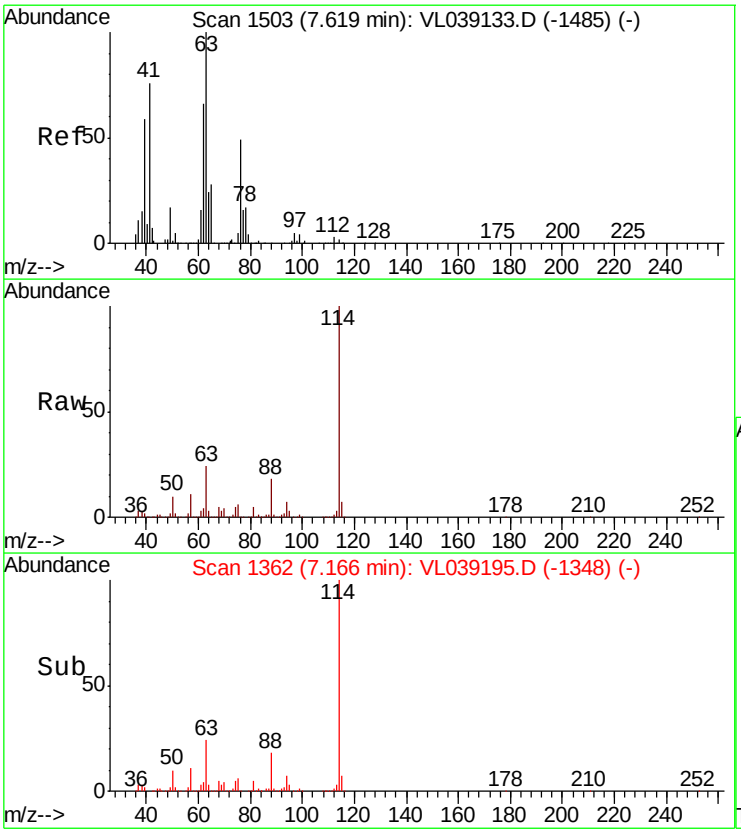
#34
2-Butanone
Concen: 0.125 ppbv
RT: 5.25
Delta R.T
Lab File:
Acq: 6 Jun 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 22022

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#

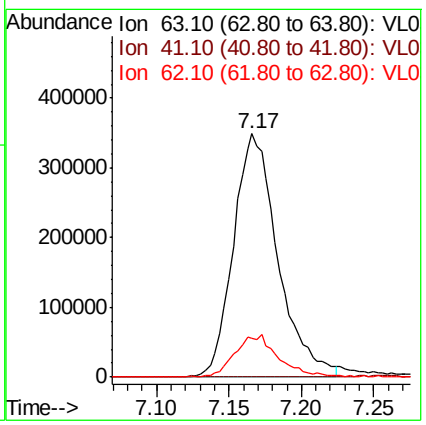


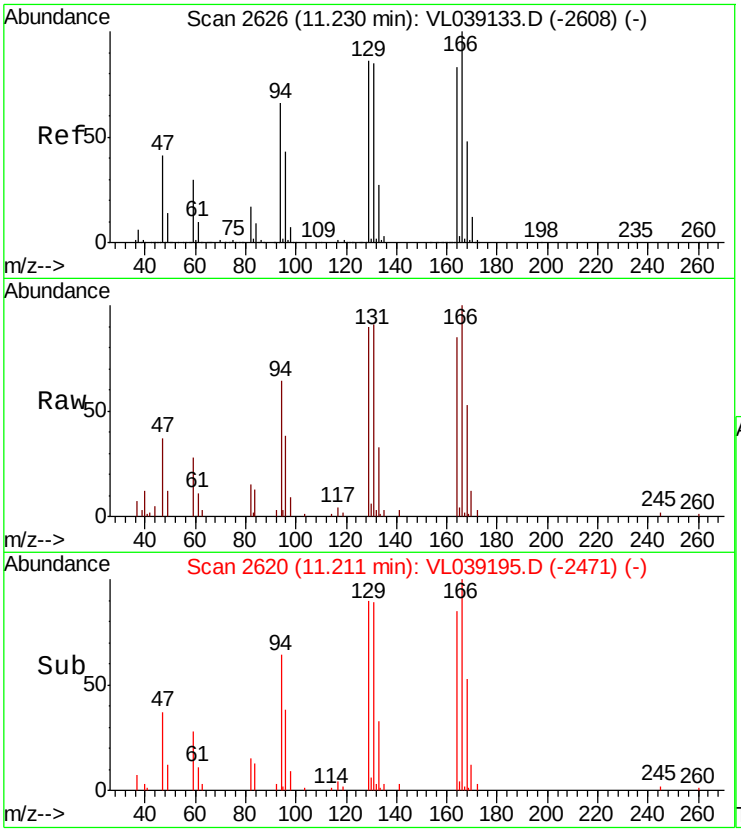


#39
1,2-Dichloropropane
Concen: 7.117 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.45 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

Tgt Ion: 63 Resp: 743596

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	16.0	52.9	79.3#



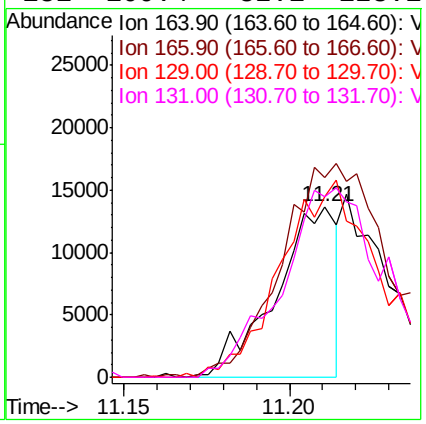


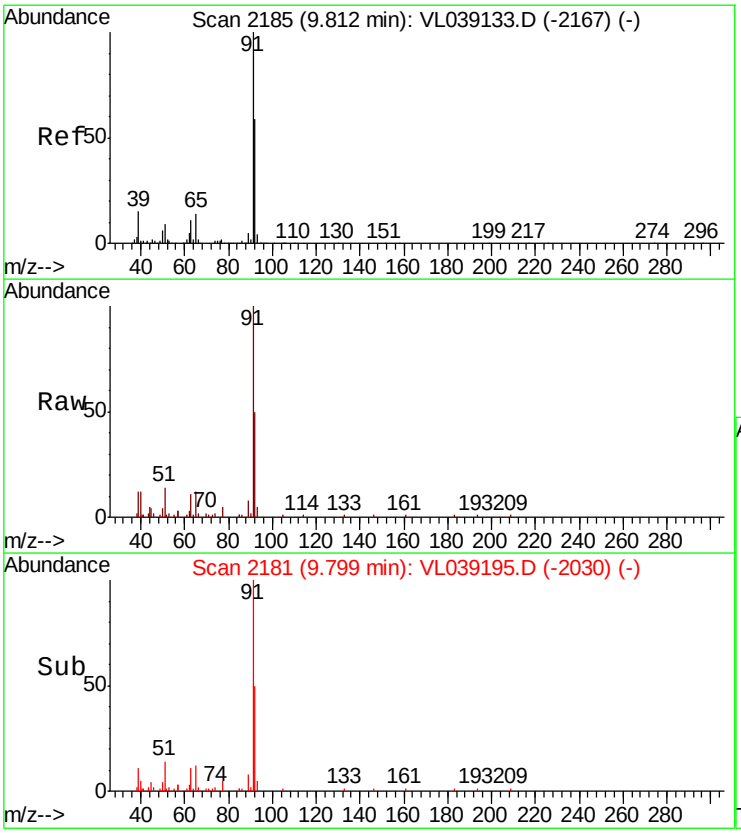
#52
Tetrachloroethene
Concen: 0.171 ppbv
RT: 11.21
Delta R.T
Lab File:
Acq: 6 Jun 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 17499

Ion	Ratio	Lower	Upper
164	100		
166	117.0	96.3	144.5
129	103.8	82.5	123.7
131	109.4	82.1	123.1

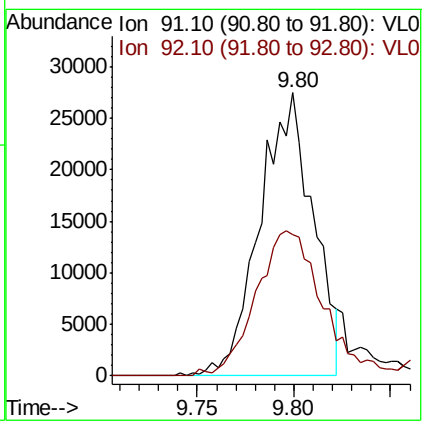


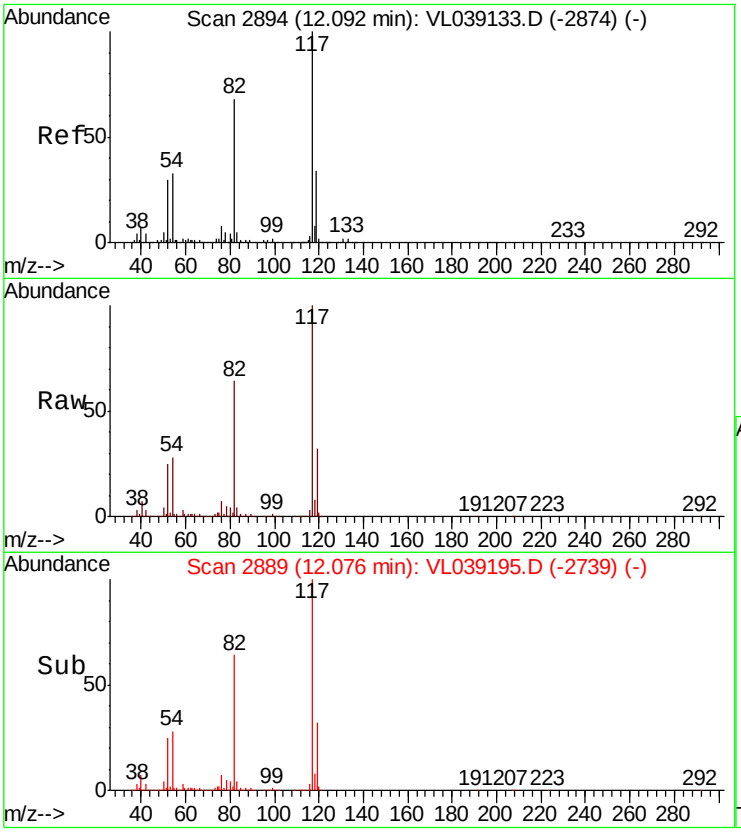


#53
Toluene
Concen: 0.174 ppbv
RT: 9.80 min Scan# 2181
Delta R.T. -0.01 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

Tgt Ion: 91 Resp: 52601

Ion	Ratio	Lower	Upper
91	100		
92	63.8	48.1	72.1



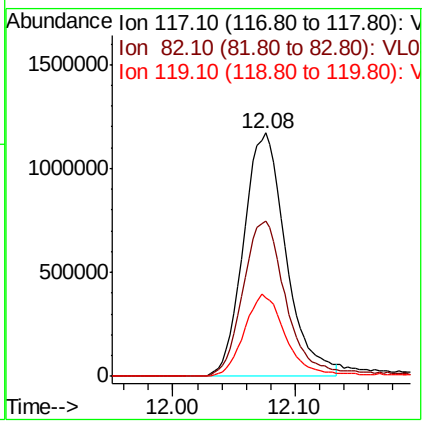


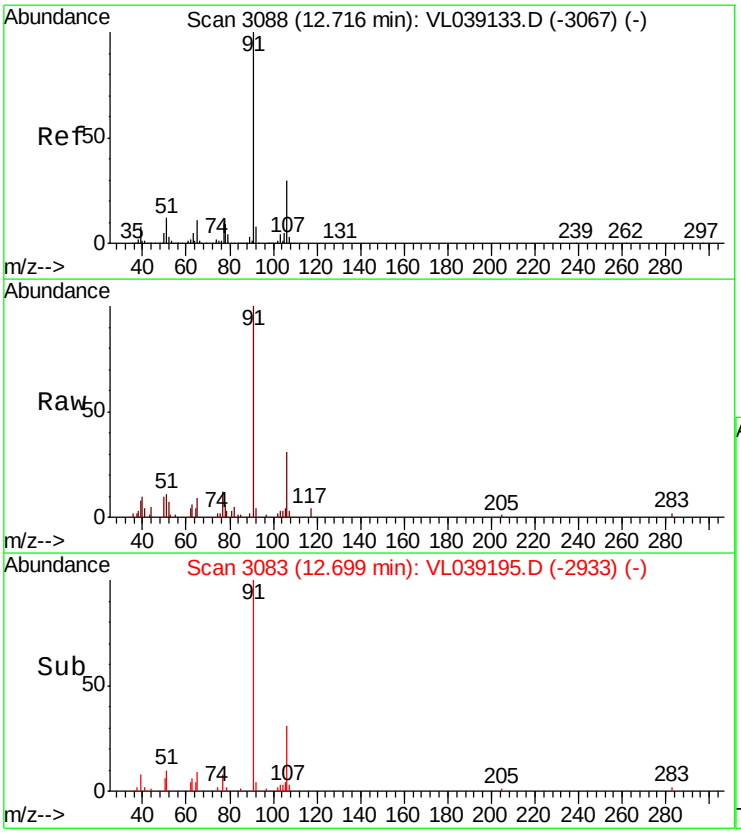
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 6 Jun 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2809618

Ion	Ratio	Lower	Upper
117	100		
82	68.0	55.1	82.7
119	34.1	24.7	37.1

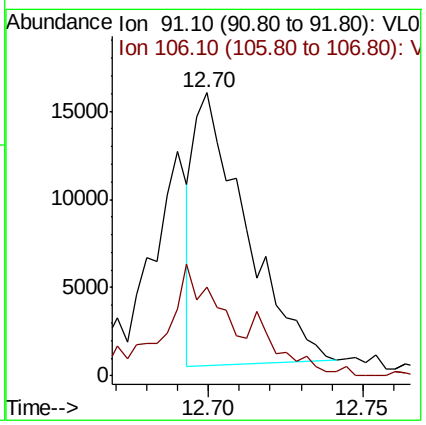


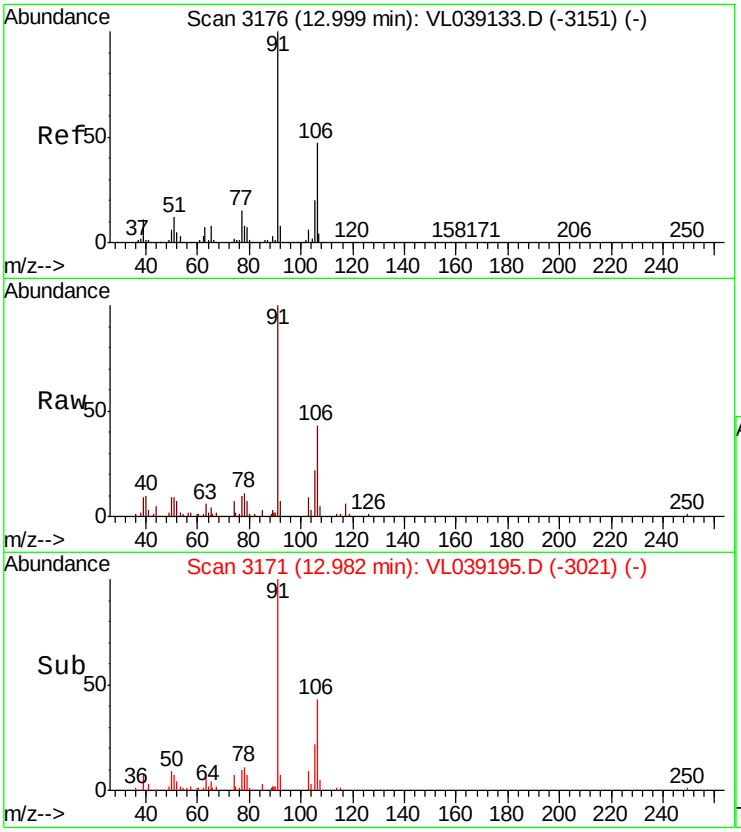


#58
Ethyl Benzene
Concen: 0.046 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. -0.02 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

Tgt Ion: 91 Resp: 17847

Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.2	36.4



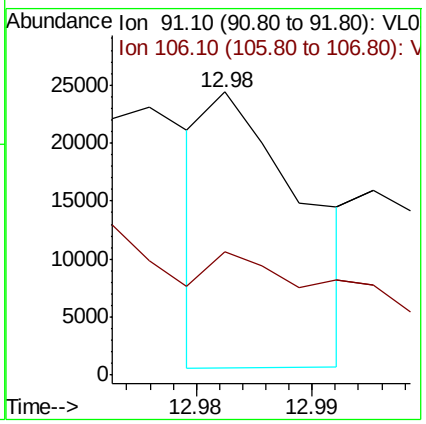


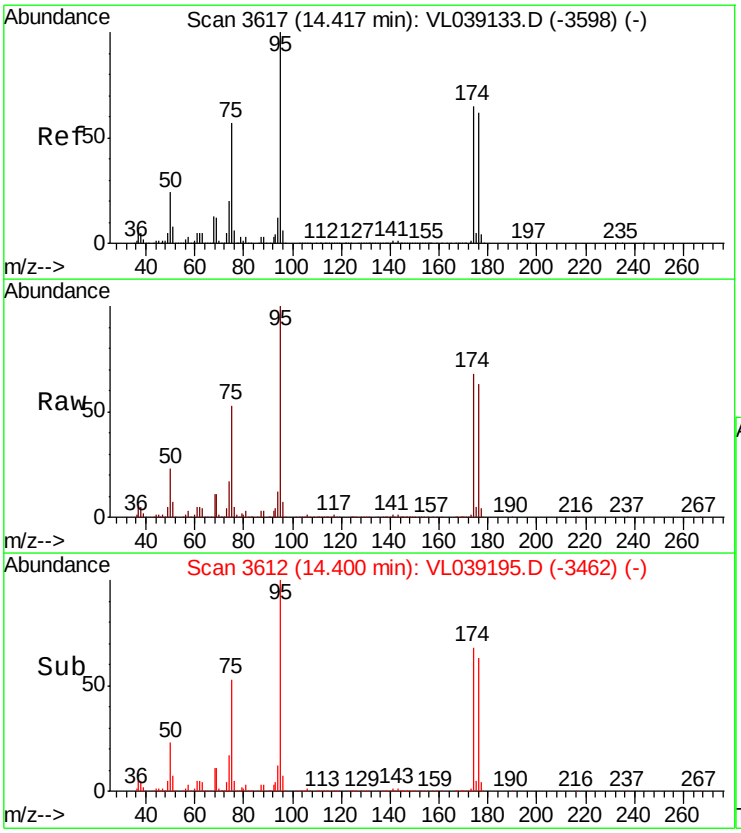
#59
m/p-Xylene
Concen: 0.040 ppbv
RT: 12.98
Delta R.T
Lab File:
Acq: 6 Jun 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 13696

Ion	Ratio	Lower	Upper
91	100		
106	0.0	34.3	51.5#

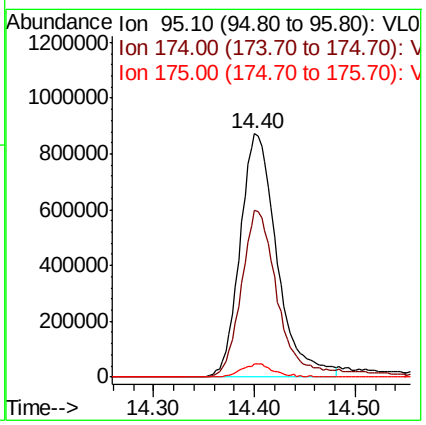


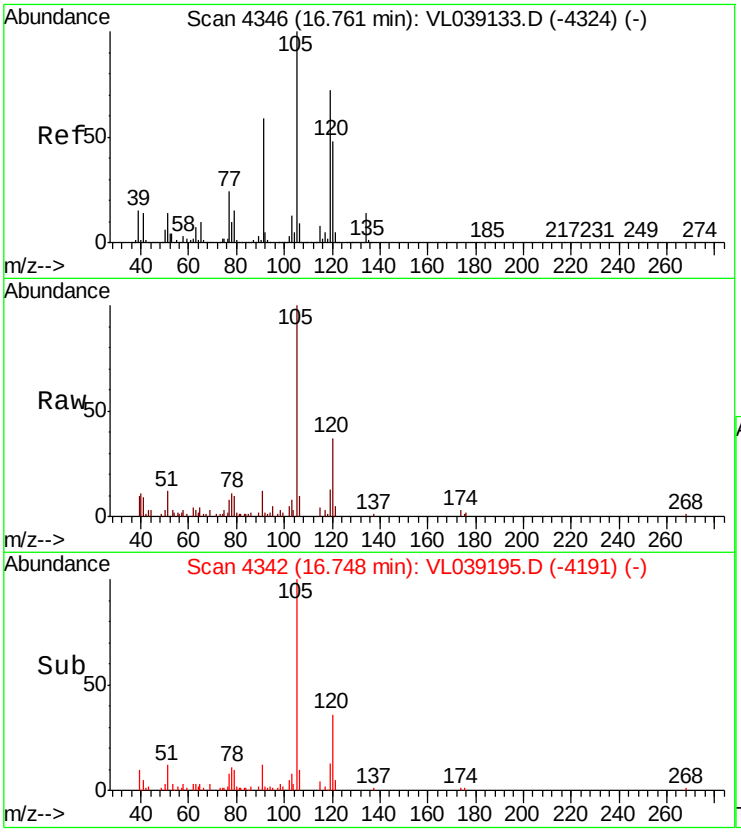


#68
1-Bromo-4-Fluorobenzene
Concen: 9.537 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.02 min
Lab File: VL039195.D
Acq: 6 Jun 2022 22:00

Tgt Ion: 95 Resp: 2215238

Ion	Ratio	Lower	Upper
95	100		
174	71.1	53.8	80.8
175	5.2	4.1	6.1





#74
1,2,4-Trimethylbenzene
Concen: 0.106 ppbv
RT: 16.75
Delta R.T
Lab File:
Acq: 6 Jun 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 40024

Ion	Ratio	Lower	Upper
105	100		
120	37.5	38.1	57.1#
91	8.6	47.4	71.0#
77	6.2	19.5	29.3#