Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071222\
Data File : VL039462.D
Acq On : 13 Jul 2022 00:33
Operator : SY/AP
Sample : N3660-03DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-5DL

Quant Time: Jul 13 01:41:02 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	1389324	10.00	ppbv		0.03
33) 1,4-Difluorobenzene	7.19	114	3734656	10.00	ppbv		0.03
55) Chlorobenzene-d5	12.10	117	3362757	10.00	ppbv		0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	2538030	10.17	ppbv		0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	7942	0.04	ppbv	#	75
3) Chlorodifluoromethane	2.97	51	15294	0.09	ppbv	#	62
9) Propene	3.03	41	10133	0.13	ppbv		97
13) Ethanol	3.62	45	45737	9.90	ppbv	#	1
15) Acetone	3.87	43	106727	0.65	ppbv	#	89
19) Isopropyl Alcohol	3.98	45	473848	5.40	ppbv	#	96
20) Methylene Chloride	4.36	84	84064	1.28	ppbv		97
23) Vinyl Acetate	5.08	43	15049	0.14	ppbv	#	95
25) Ethyl Acetate	5.69	43	1408936	4.18	ppbv	#	91
26) Hexane	5.70	57	116402	0.86	ppbv	#	1
31) cis-1,2-Dichloroethene	5.69	61	164084	1.14	ppbv	#	24
34) 2-Butanone	5.08	43	15049	0.08	ppbv	#	84
36) Benzene	6.91	78	12405	0.04	ppbv	#	81
39) 1,2-Dichloropropane	7.19	63	902379	8.36	ppbv	#	25
53) Toluene	9.83	91	20766	0.06	ppbv	#	21
59) m/p-Xylene	13.01	91	31257	0.08	ppbv	#	32
60) o-Xylene	13.71	91	62607	0.17	ppbv		100
74) 1,2,4-Trimethylbenzene	16.78	105	36724	0.08	ppbv	#	75

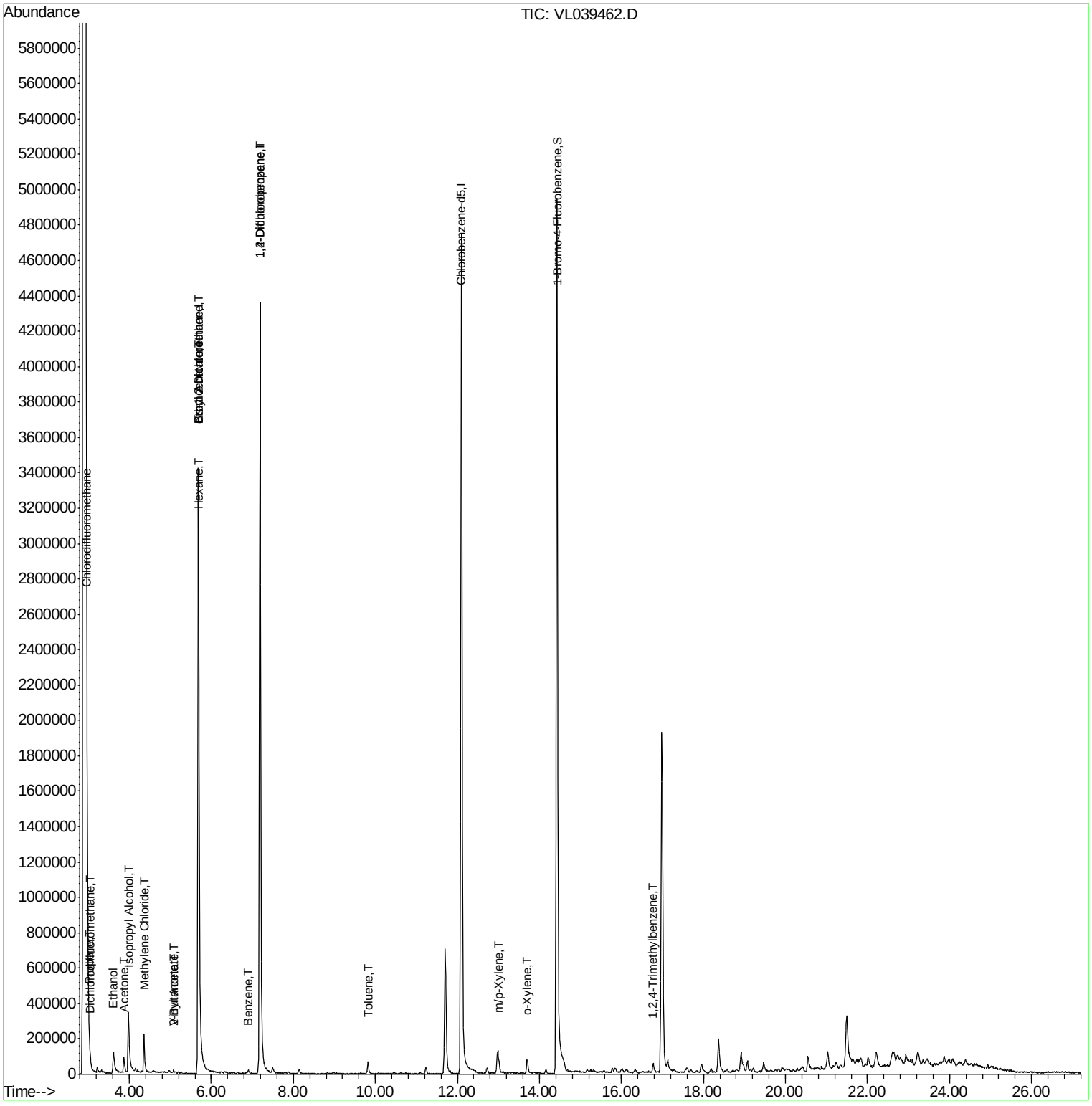
(#) = qualifier out of range (m) = manual integration (+) = signals summed

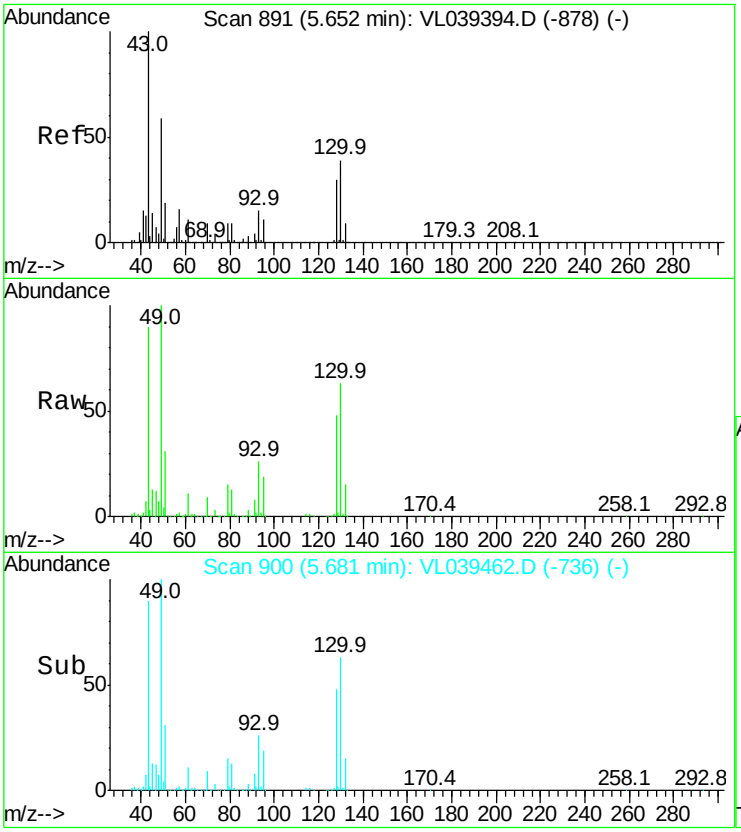
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071222\
Data File : VL039462.D
Acq On : 13 Jul 2022 00:33
Operator : SY/AP
Sample : N3660-03DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-5DL

Quant Time: Jul 13 01:41:02 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



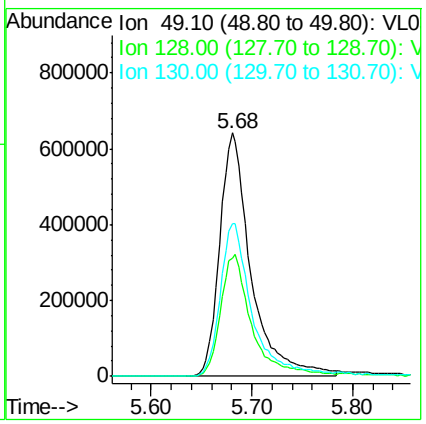


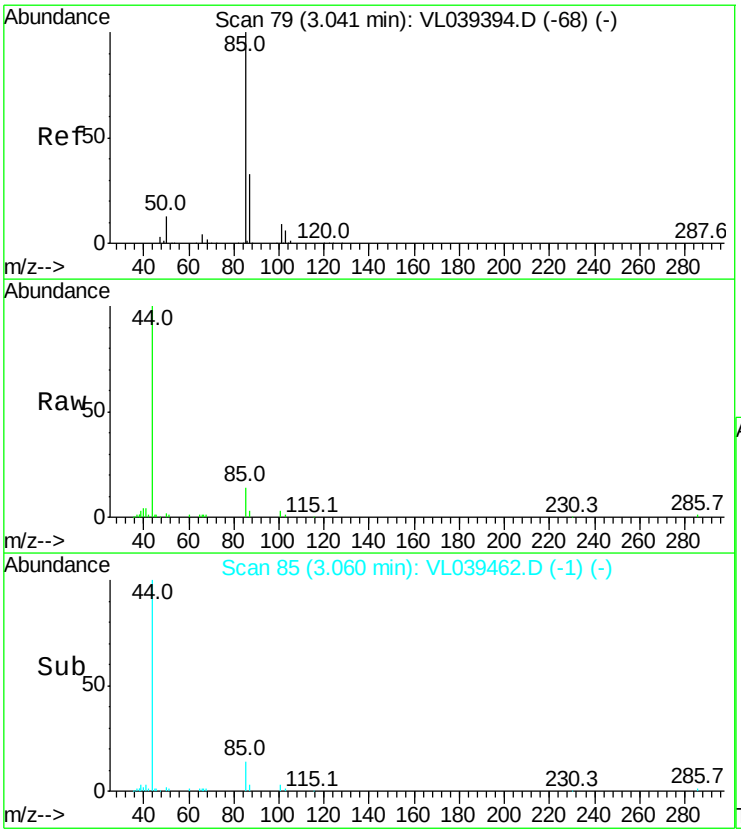
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 13 Jul 2022 00:33

Instrument :
MSVOA_L
ClientSampleId :
SG-5DL

Tgt Ion: 49 Resp: 1389324

Ion	Ratio	Lower	Upper
49	100		
128	50.9	26.7	80.0
130	65.1	34.3	102.8

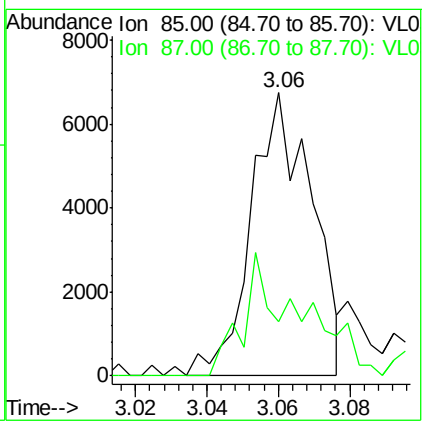


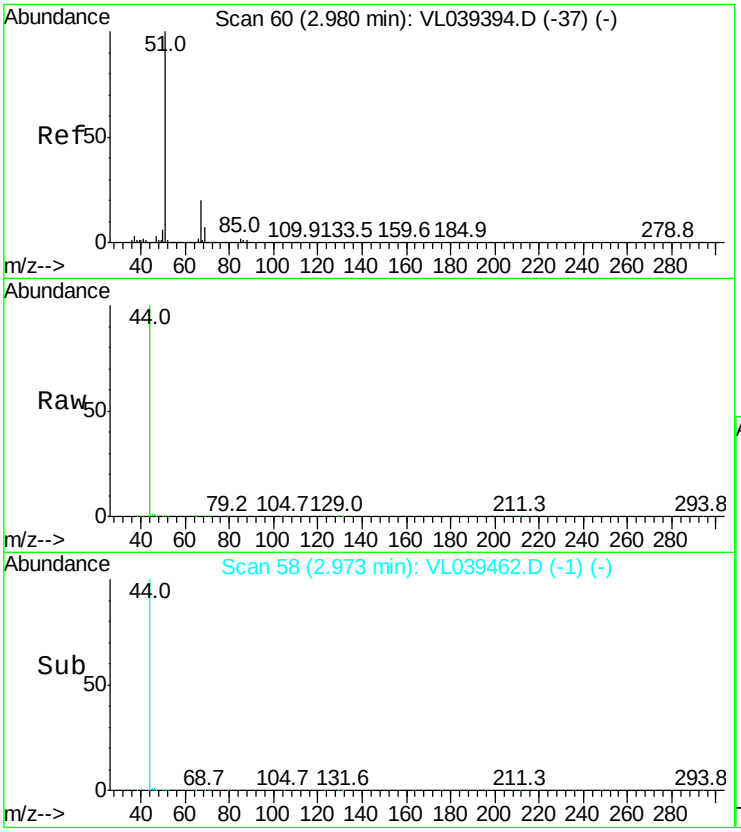


#2
Dichlorodifluoromethane
Concen: 0.04 ppbv
RT: 3.06 min Scan# 85
Delta R.T. 0.02 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

Tgt Ion: 85 Resp: 7942

Ion	Ratio	Lower	Upper
85	100		
87	19.2	26.7	40.1#



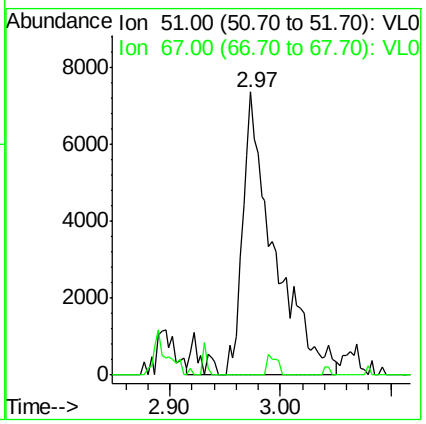


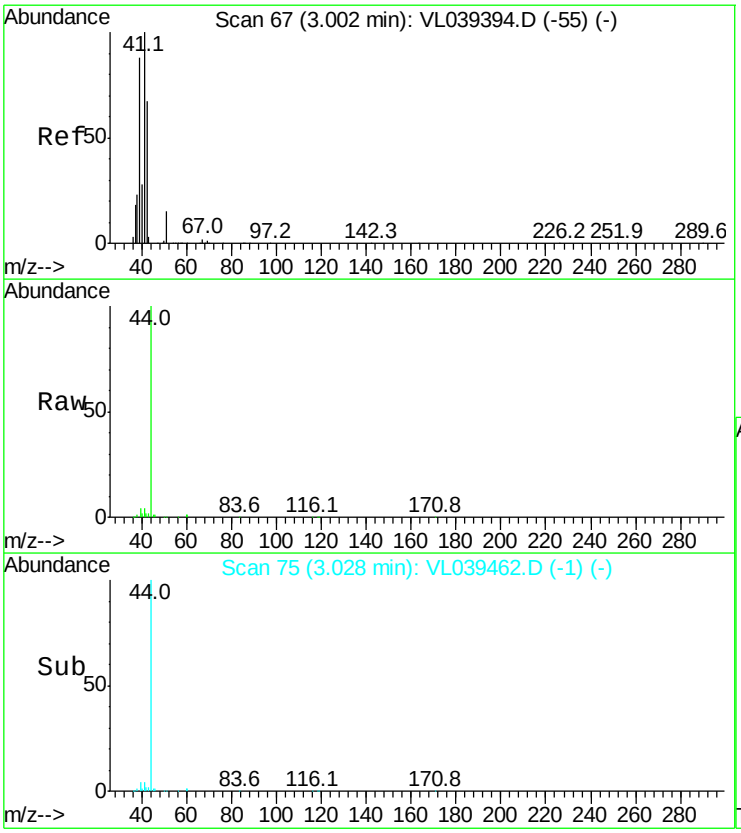
#3
Chlorodifluoromethane
Concen: 0.09 ppbv
RT: 2.97
Delta R.T
Lab File:
Acq: 13 Jul 2022 00:33

Instrument :
MSVOA_L
ClientSampleId :
SG-5DL

Tgt Ion: 51 Resp: 15294

Ion	Ratio	Lower	Upper
51	100		
67	2.2	15.7	23.5#

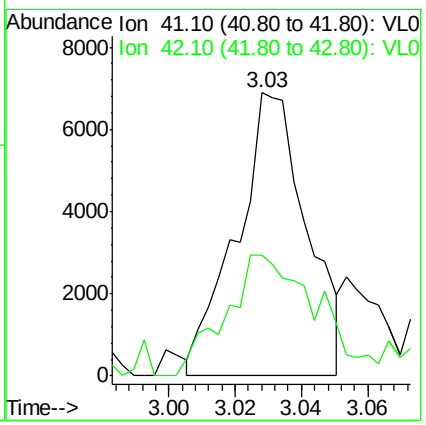


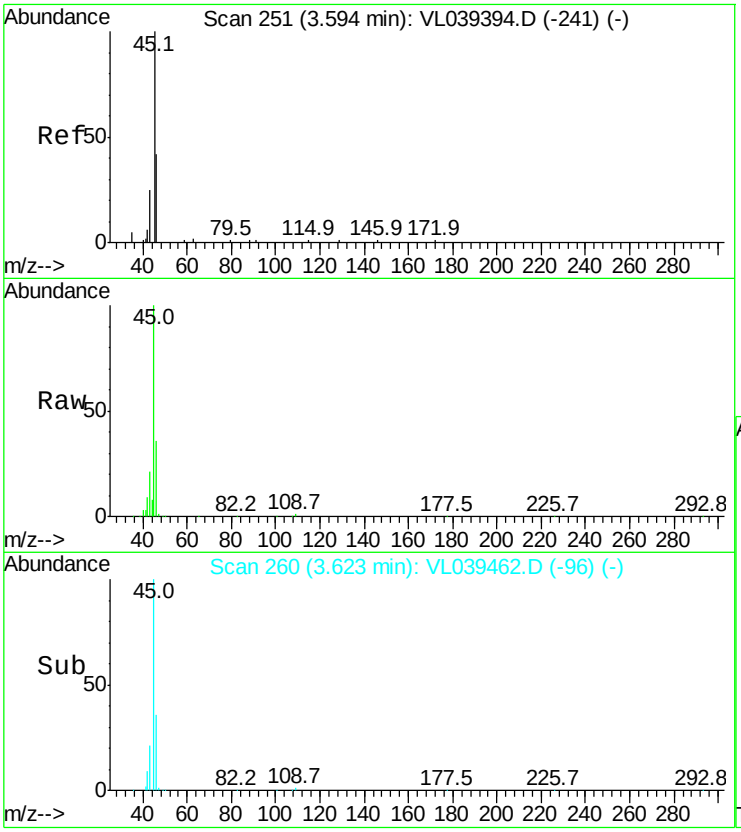


#9
Propene
Concen: 0.13 ppbv
RT: 3.03 min Scan# 75
Delta R.T. 0.03 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

Tgt Ion: 41 Resp: 10133

Ion	Ratio	Lower	Upper
41	100		
42	66.6	55.2	82.8



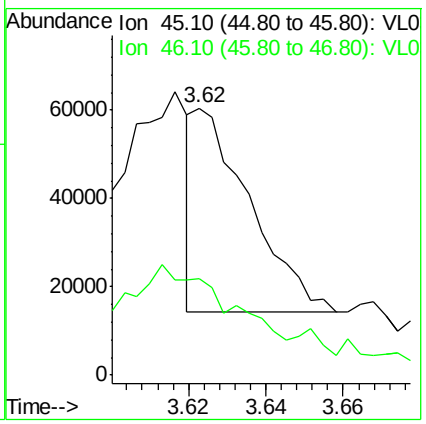


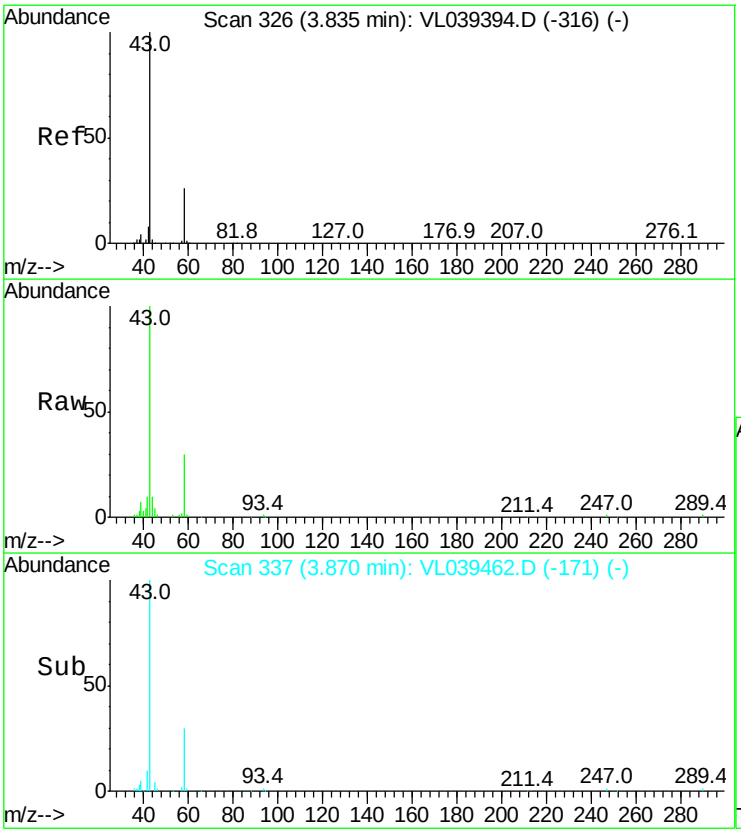
#13
Ethanol
Concen: 9.90 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 13 Jul 2022 00:33

Instrument :
MSVOA_L
ClientSampleId :
SG-5DL

Tgt Ion: 45 Resp: 45737

Ion	Ratio	Lower	Upper
45	100		
46	159.1	22.8	91.2#

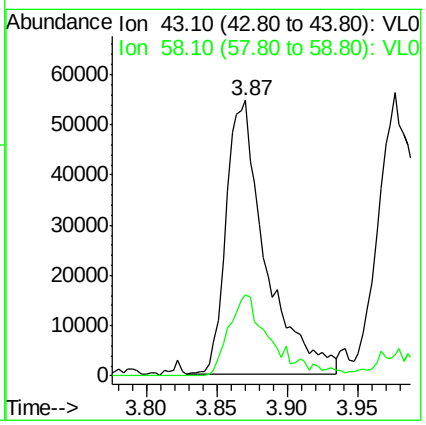


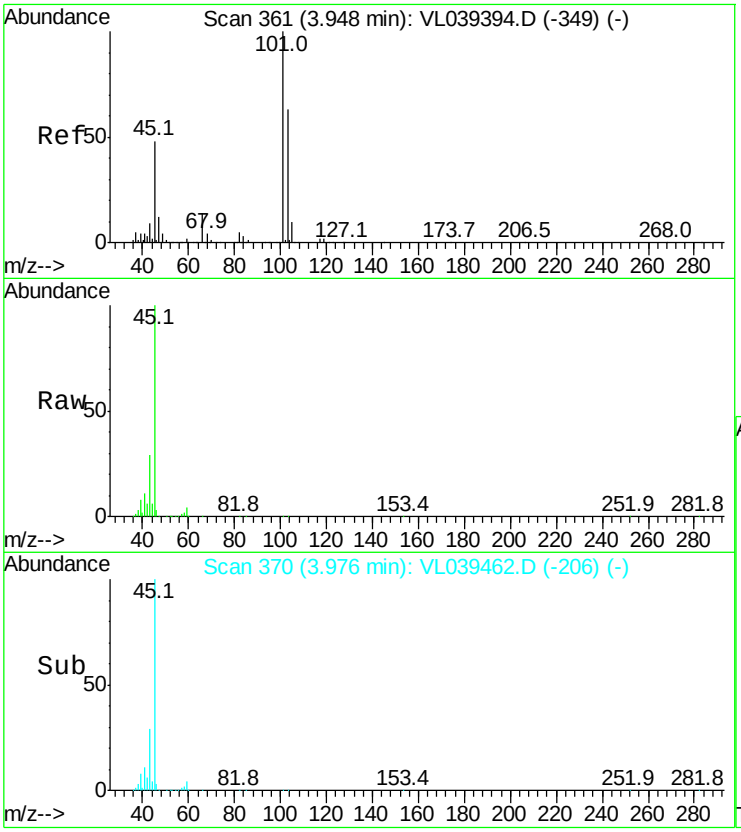


#15
Acetone
Concen: 0.65 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.04 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

Tgt Ion: 43 Resp: 106727

Ion	Ratio	Lower	Upper
43	100		
58	31.7	21.0	31.6#



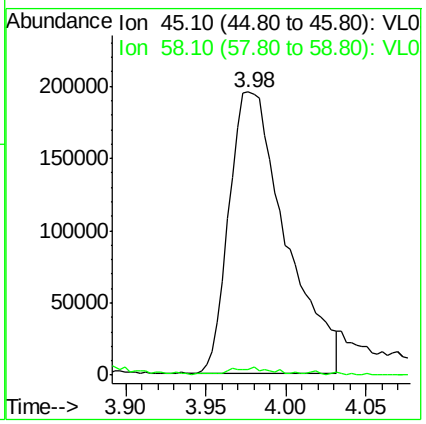


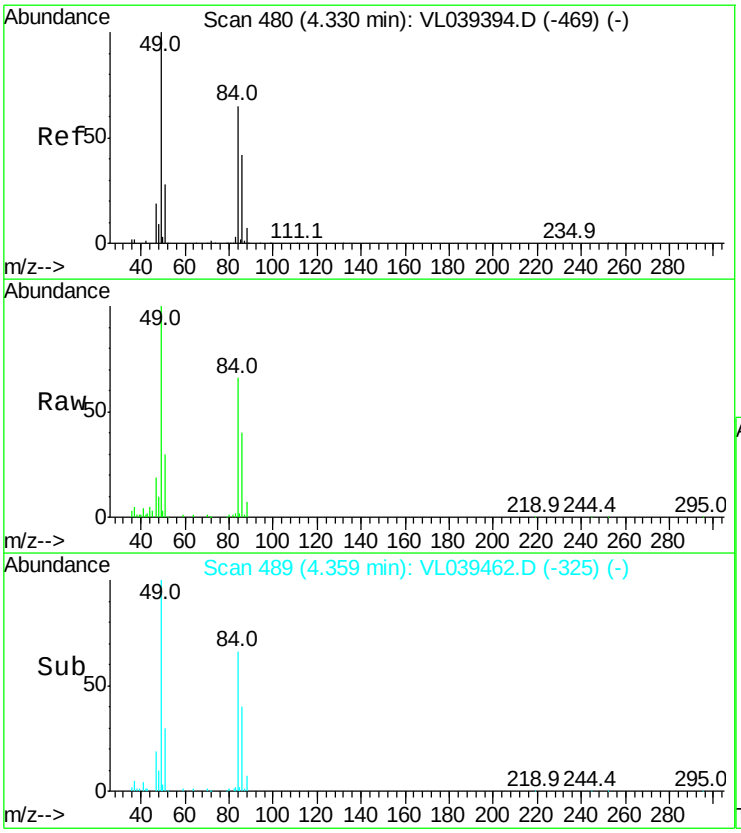
#19
Isopropyl Alcohol
Concen: 5.40 ppbv
RT: 3.98
Delta R.T
Lab File:
Acq: 13 Jul 2022 00:33

Instrument :
MSVOA_L
ClientSampleId :
SG-5DL

Tgt Ion: 45 Resp: 473848

Ion	Ratio	Lower	Upper
45	100		
58	2.8	3.2	4.8#

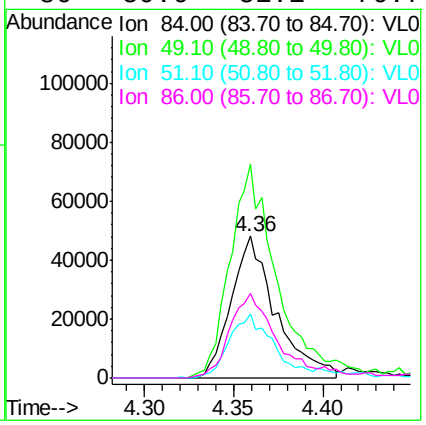


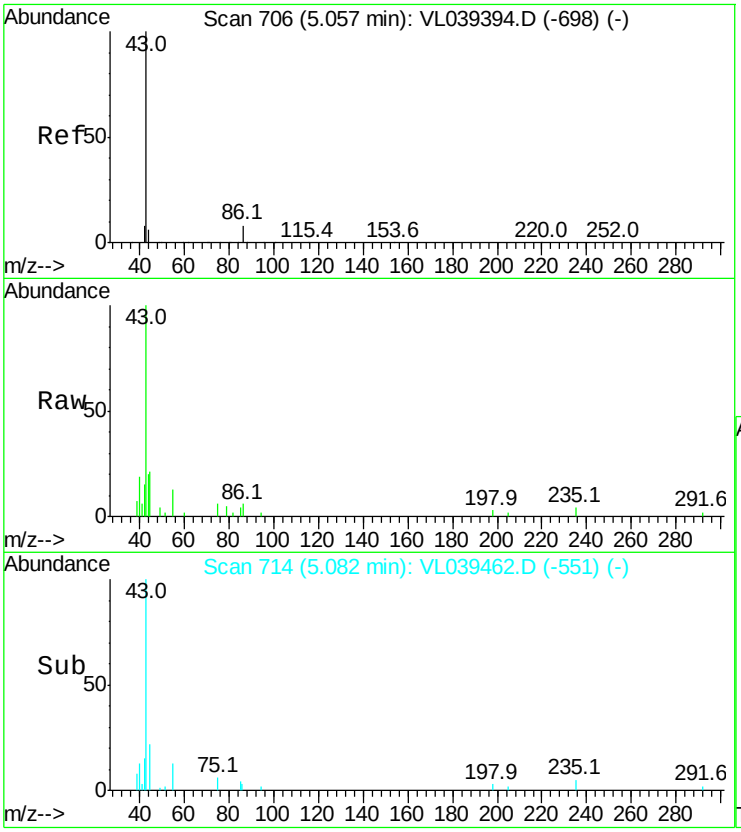


#20
Methylene Chloride
Concen: 1.28 ppbv
RT: 4.36 min Scan# 489
Delta R.T. 0.03 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

Tgt Ion: 84 Resp: 84064

Ion	Ratio	Lower	Upper
84	100		
49	150.8	123.1	184.7
51	45.2	34.4	51.6
86	59.6	51.1	76.7



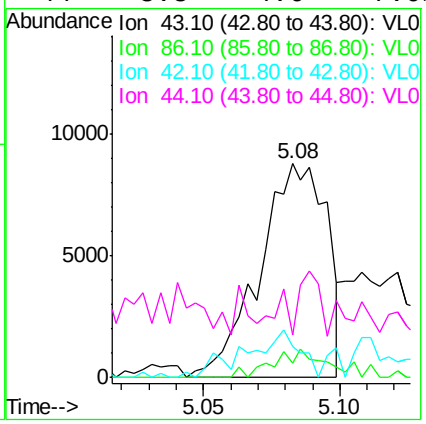


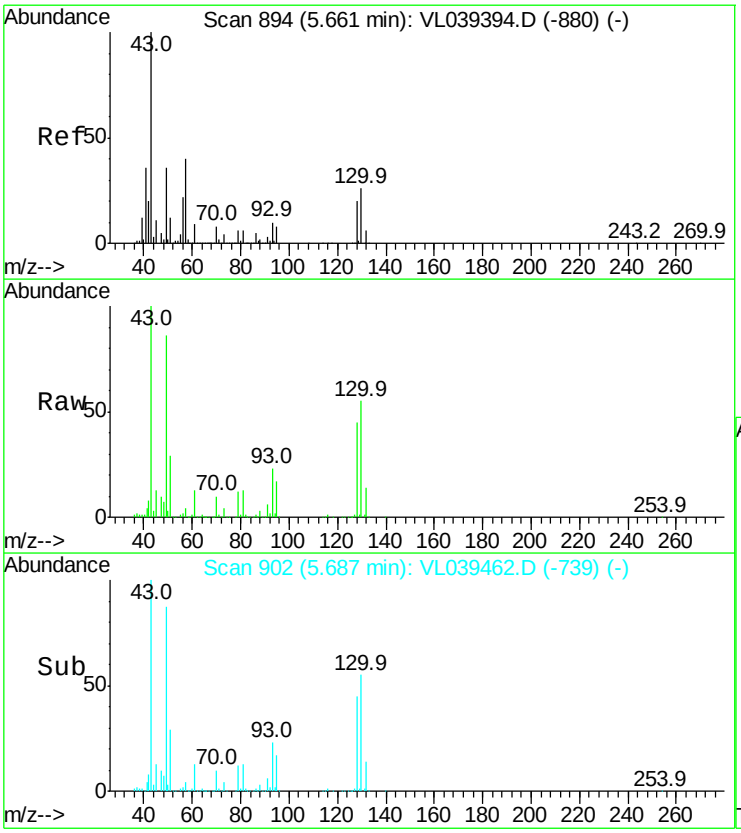
#23
Vinyl Acetate
Concen: 0.14 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 13 Jul 2022 00:33

Instrument :
MSVOA_L
ClientSampleId :
SG-5DL

Tgt Ion: 43 Resp: 15049

Ion	Ratio	Lower	Upper
43	100		
86	6.3	5.0	7.6
42	12.4	7.7	11.5#
44	8.3	4.6	7.0#

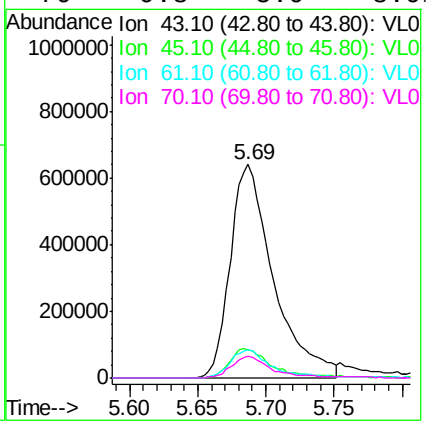


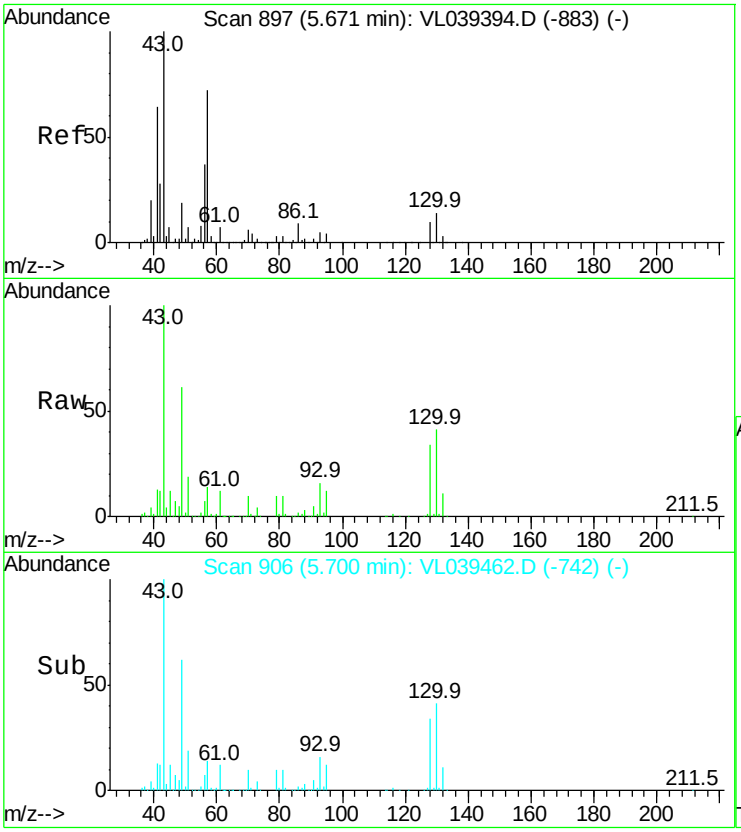


#25
Ethyl Acetate
Concen: 4.18 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.03 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

Tgt Ion: 43 Resp: 1408936

Ion	Ratio	Lower	Upper
43	100		
45	14.4	8.2	12.4#
61	13.3	8.3	12.5#
70	9.8	5.9	8.9#



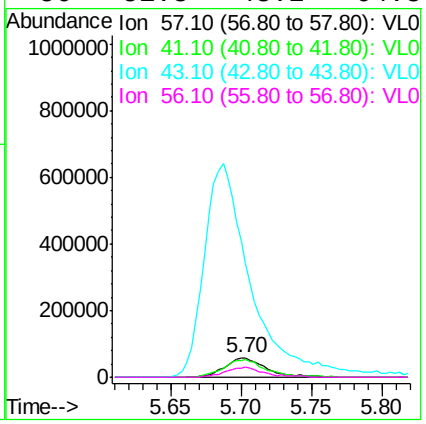


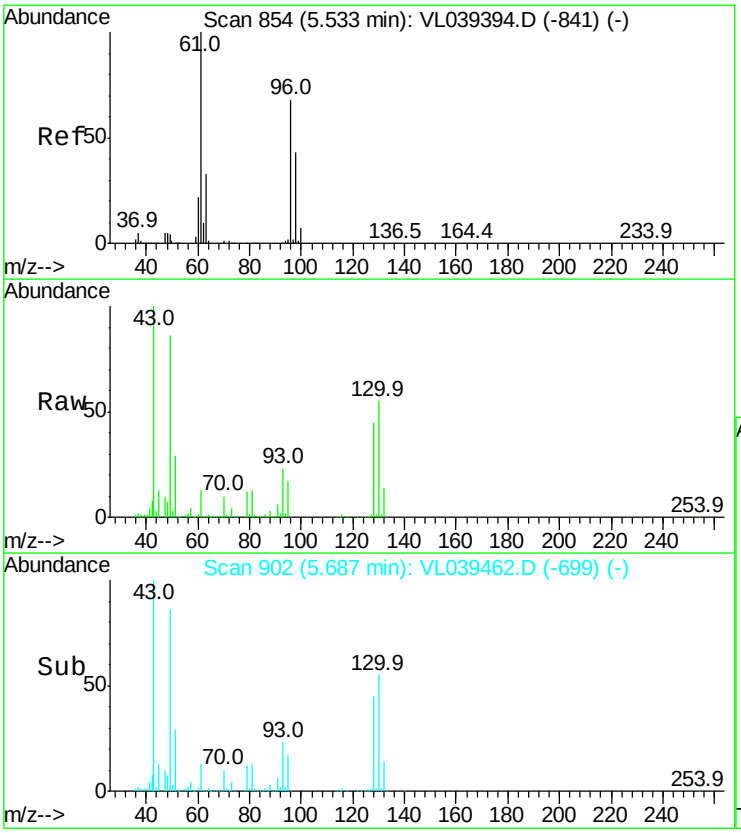
#26
Hexane
Concen: 0.86 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 13 Jul 2022 00:33

Instrument :
MSVOA_L
ClientSampleId :
SG-5DL

Tgt Ion: 57 Resp: 116402

Ion	Ratio	Lower	Upper
57	100		
41	99.1	76.9	115.3
43	1302.8	191.0	286.6#
56	51.3	43.2	64.8

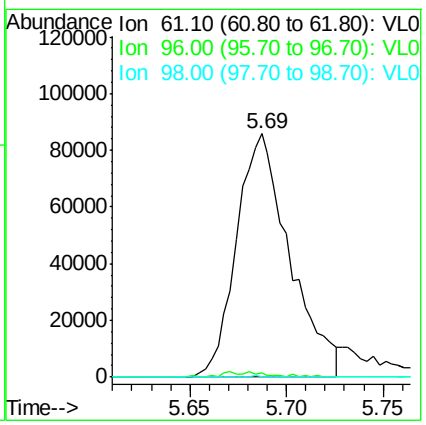


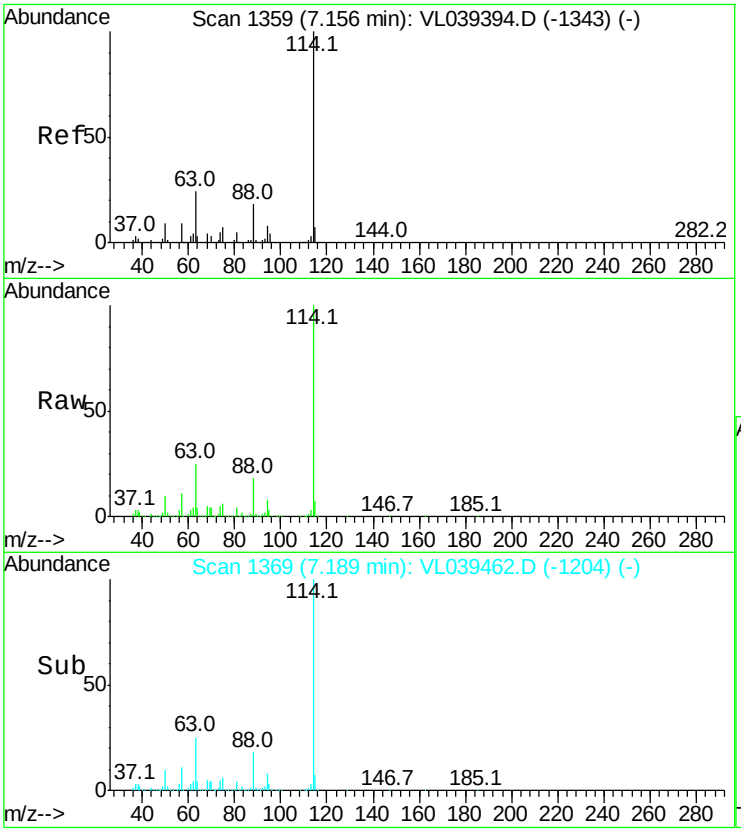


#31
cis-1,2-Dichloroethene
Concen: 1.14 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.15 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

Tgt Ion: 61 Resp: 164084

Ion	Ratio	Lower	Upper
61	100		
96	1.6	54.1	81.1#
98	0.0	34.6	52.0#



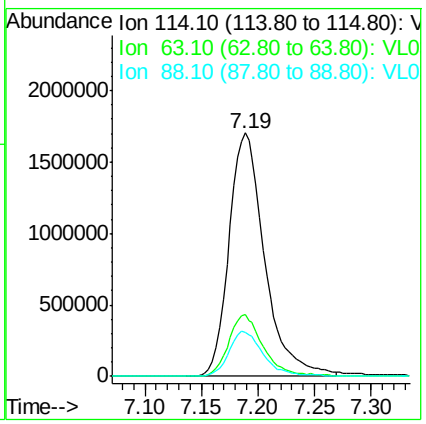


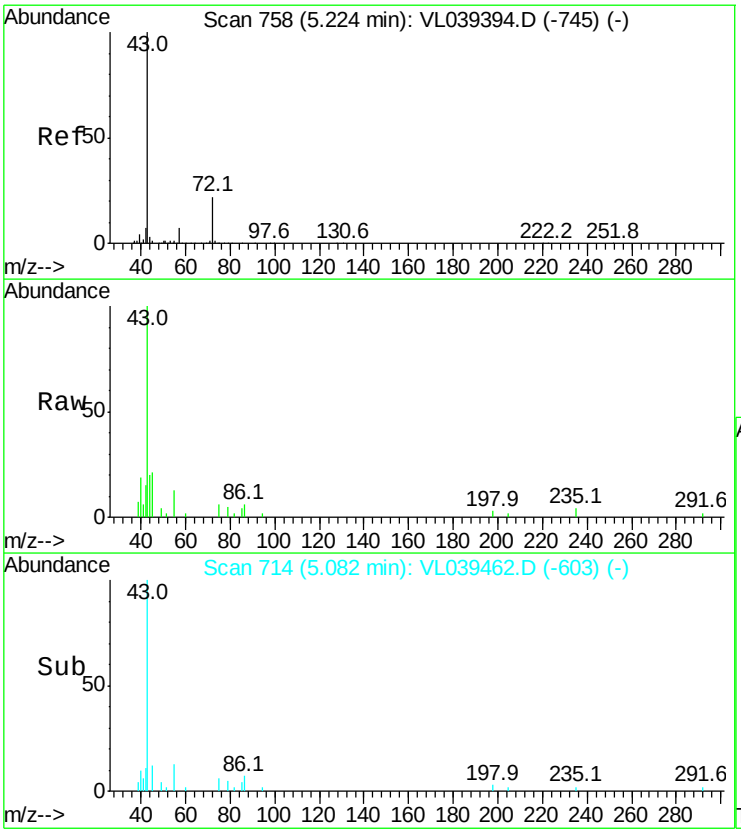
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 13 Jul 2022 00:33

Instrument :
MSVOA_L
ClientSampleId :
SG-5DL

Tgt Ion:114 Resp: 3734656

Ion	Ratio	Lower	Upper
114	100		
63	25.1	20.2	30.4
88	18.4	14.5	21.7

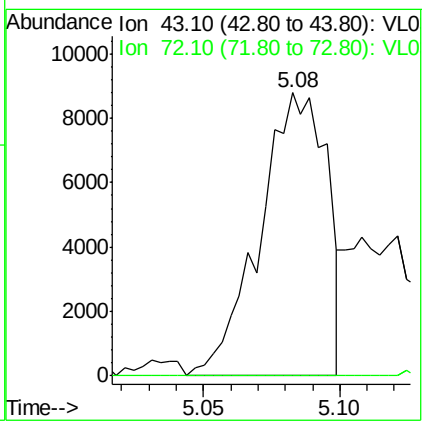


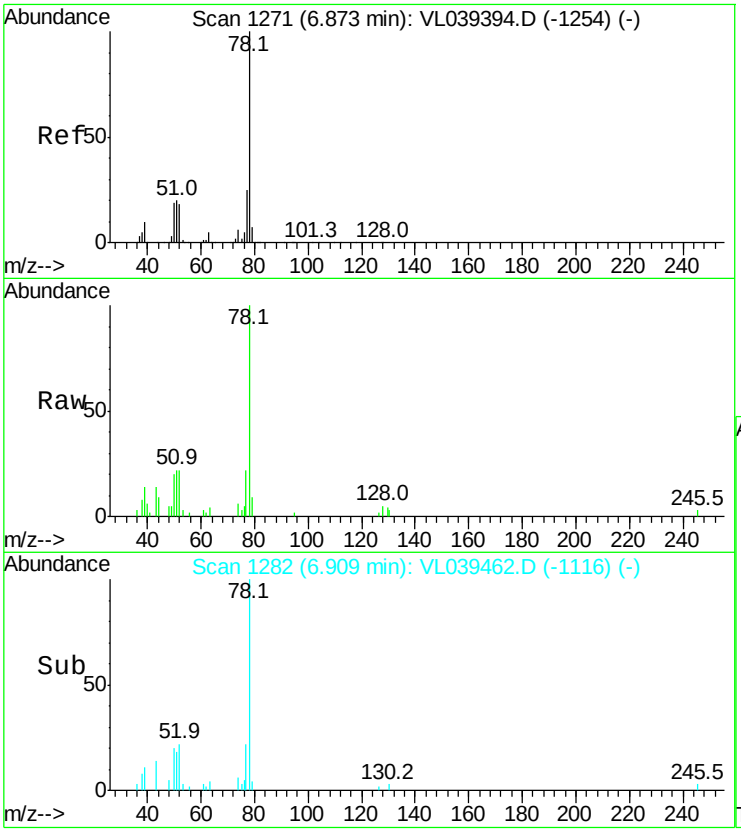


#34
2-Butanone
Concen: 0.08 ppbv
RT: 5.08 min Scan# 714
Delta R.T. -0.14 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

Tgt Ion: 43 Resp: 15049

Ion	Ratio	Lower	Upper
43	100		
72	14.7	17.9	26.9#



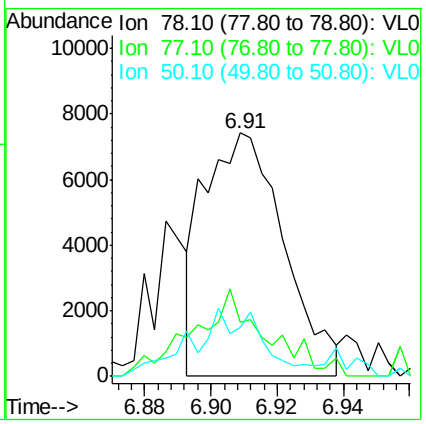


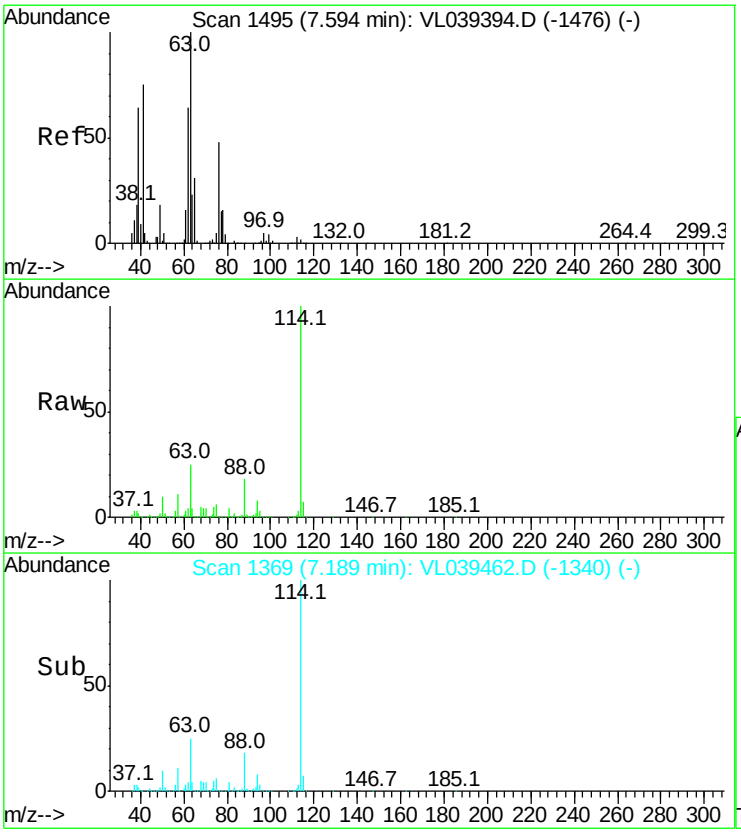
#36
Benzene
Concen: 0.04 ppbv
RT: 6.91
Delta R.T
Lab File:
Acq: 13 Jul 2022 00:33

Instrument :
MSVOA_L
ClientSampleId :
SG-5DL

Tgt Ion: 78 Resp: 12405

Ion	Ratio	Lower	Upper
78	100		
77	16.8	20.3	30.5#
50	9.4	15.5	23.3#

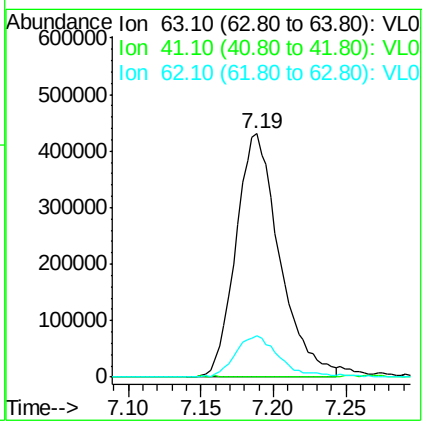


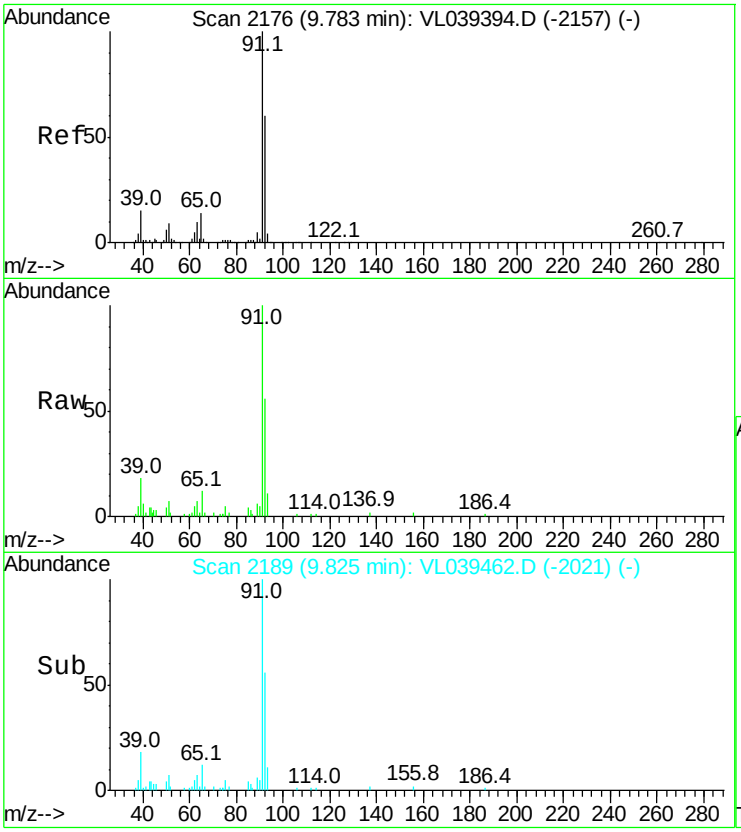


#39
1,2-Dichloropropane
Concen: 8.36 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. -0.41 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

Tgt Ion: 63 Resp: 902379

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	17.0	51.4	77.0#



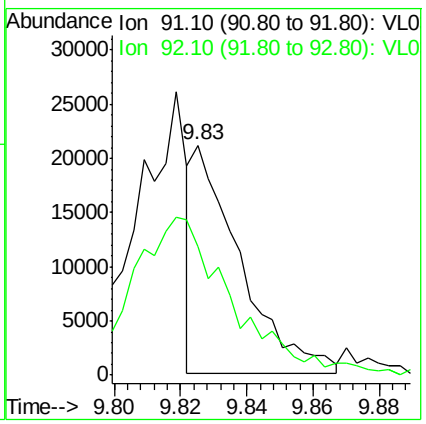


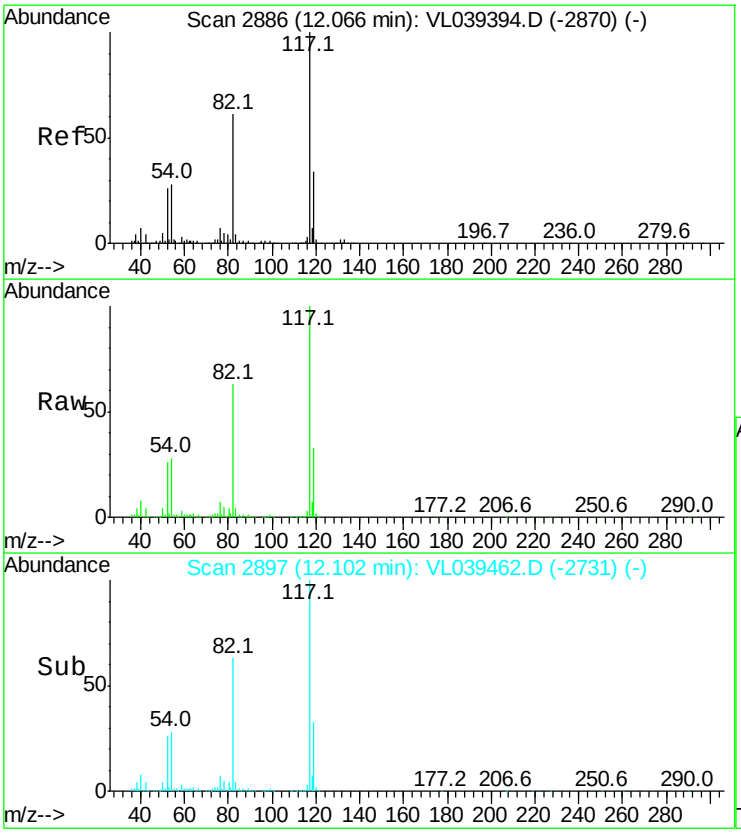
#53
Toluene
Concen: 0.06 ppbv
RT: 9.83
Delta R.T
Lab File:
Acq: 13 Jul 2022 00:33

Instrument :
MSVOA_L
ClientSampleId :
SG-5DL

Tgt Ion: 91 Resp: 20766

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.2	72.2#

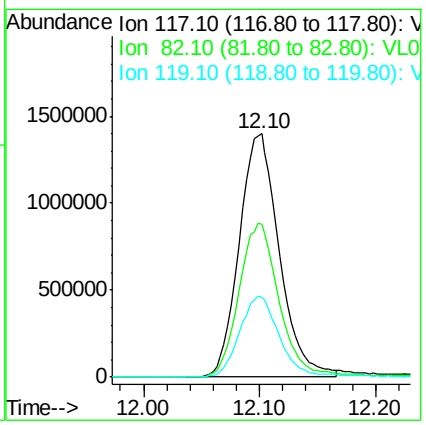


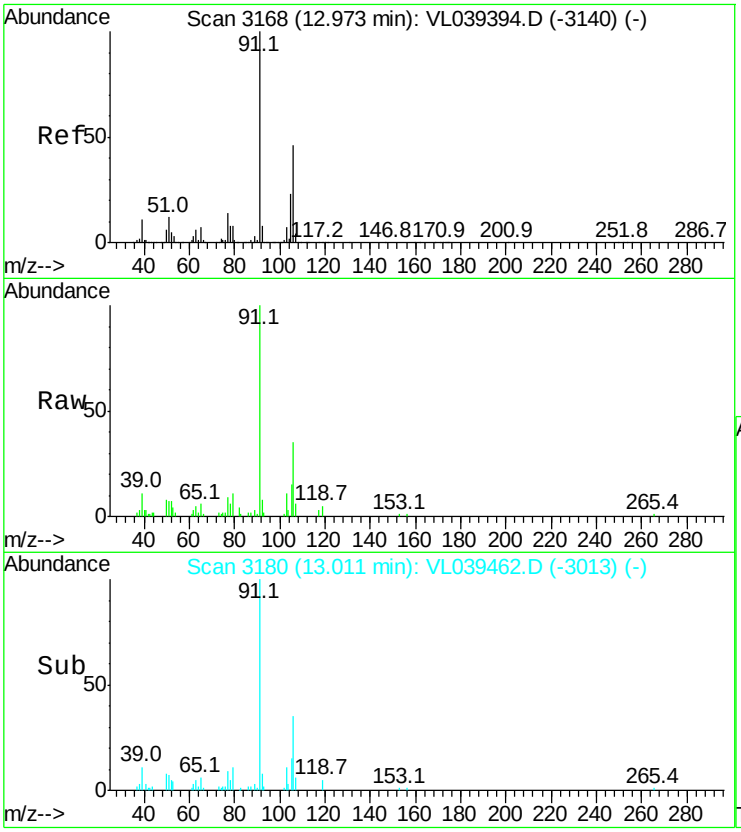


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.04 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

Tgt Ion:117 Resp: 3362757

Ion	Ratio	Lower	Upper
117	100		
82	64.8	50.8	76.2
119	33.7	24.1	36.1



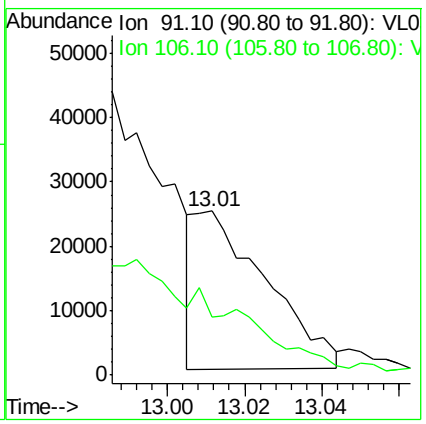


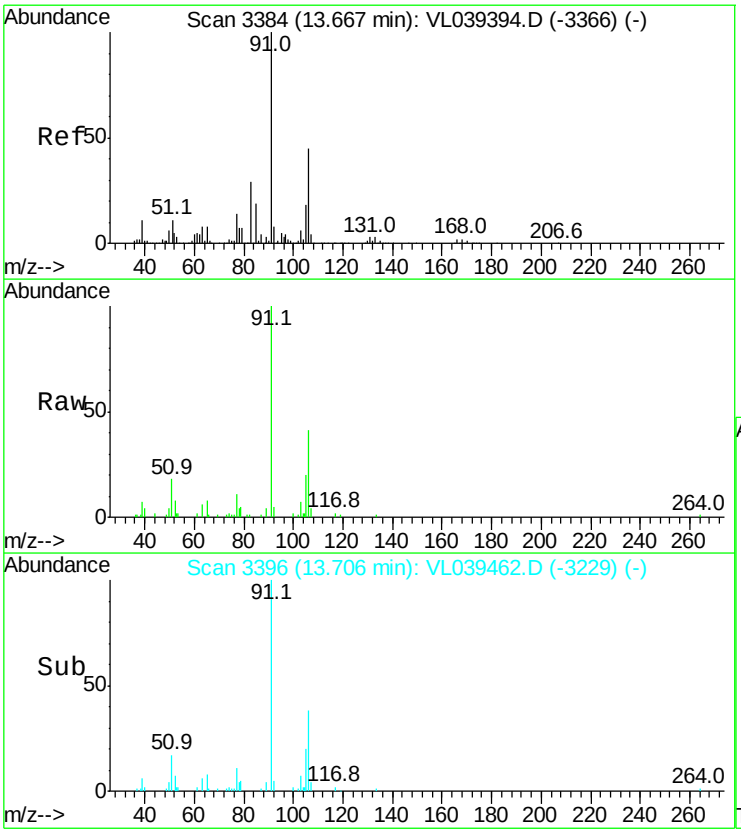
#59
m/p-Xylene
Concen: 0.08 ppbv
RT: 13.01
Delta R.T
Lab File:
Acq: 13 Jul 2022 00:33

Instrument :
MSVOA_L
ClientSampleId :
SG-5DL

Tgt Ion: 91 Resp: 31257

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.4	53.2#

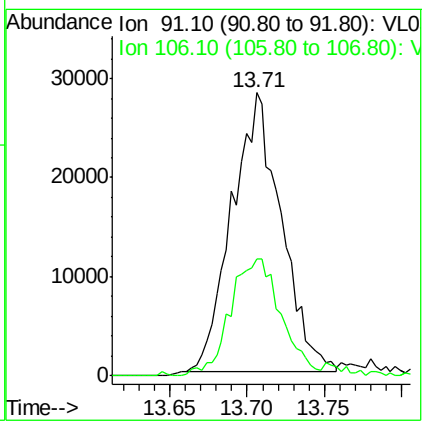


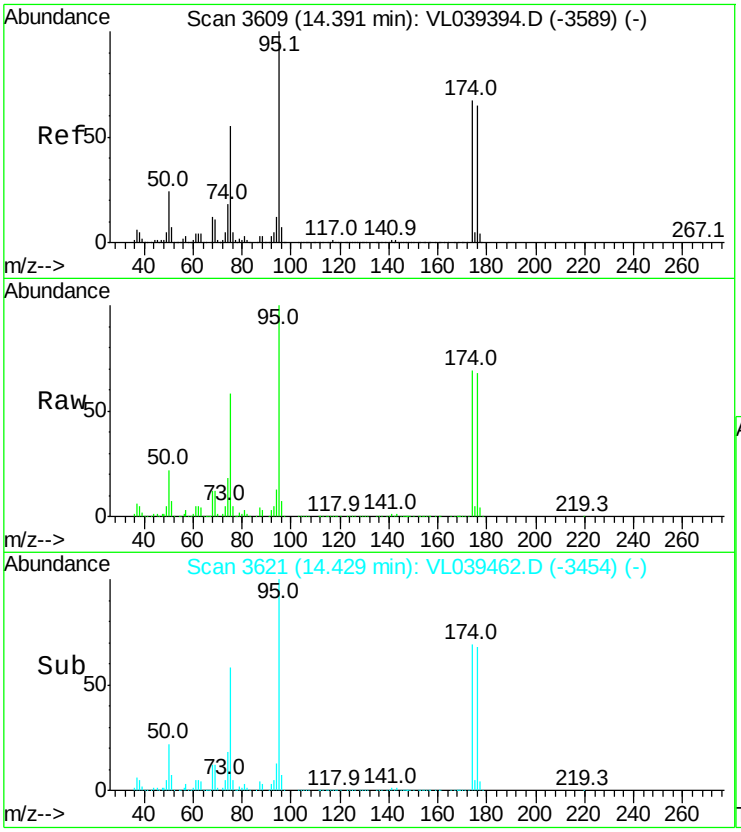


#60
o-Xylene
Concen: 0.17 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. 0.04 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

Tgt Ion: 91 Resp: 62607

Ion	Ratio	Lower	Upper
91	100		
106	44.9	22.4	67.3



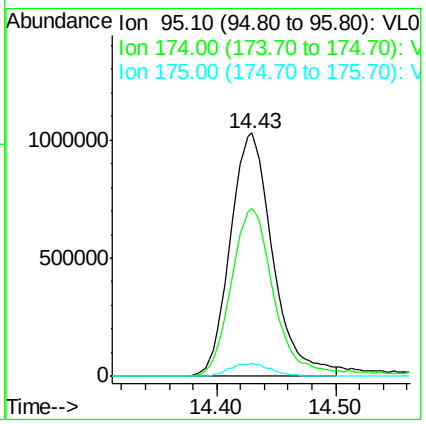


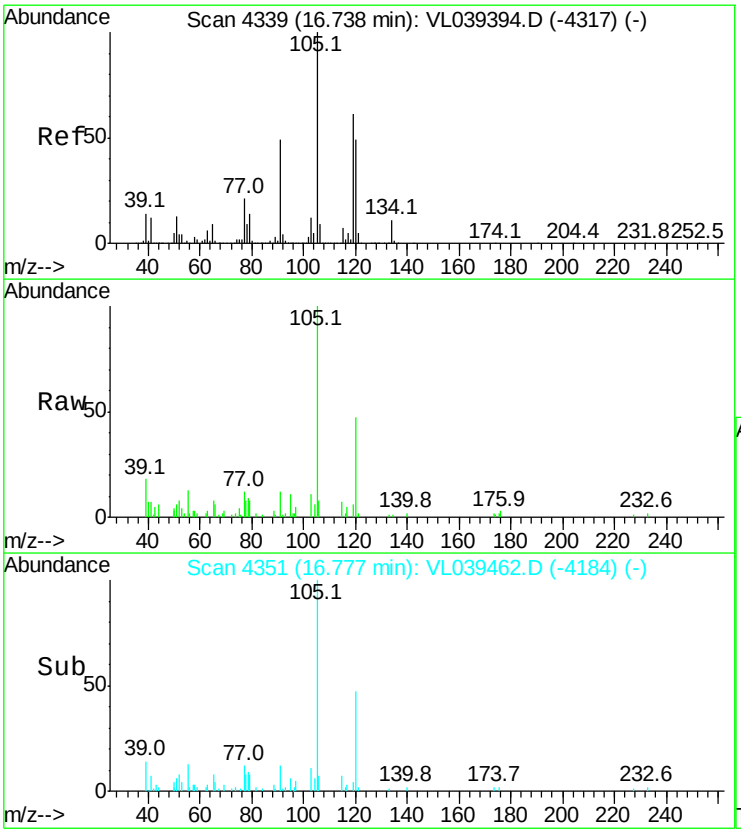
#68
1-Bromo-4-Fluorobenzene
Concen: 10.17 ppbv
RT: 14.43
Delta R.T
Lab File:
Acq: 13 Jul 2022 00:33

Instrument :
MSVOA_L
ClientSampleId :
SG-5DL

Tgt Ion: 95 Resp: 2538030

Ion	Ratio	Lower	Upper
95	100		
174	72.9	55.9	83.9
175	5.4	4.2	6.4





#74
1,2,4-Trimethylbenzene
Concen: 0.08 ppbv
RT: 16.78 min Scan# 4351
Delta R.T. 0.04 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

Tgt Ion:105 Resp: 36724

Ion	Ratio	Lower	Upper
105	100		
120	45.0	39.5	59.3
91	12.2	39.2	58.8#
77	20.9	17.2	25.8