Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071222\
Data File : VL039447.D
Acq On : 12 Jul 2022 13:51
Operator : SY/AP
Sample : N3614-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-9DDL

Quant Time: Jul 13 01:32:05 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	1381548	10.00	ppbv		0.03
33) 1,4-Difluorobenzene	7.19	114	3849070	10.00	ppbv		0.04
55) Chlorobenzene-d5	12.10	117	3478173	10.00	ppbv		0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	2593948	10.05	ppbv		0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	8809	0.04	ppbv	#	86
3) Chlorodifluoromethane	2.98	51	18853	0.11	ppbv	#	69
9) Propene	3.22	41	554073	7.00	ppbv		93
13) Ethanol	3.61	45	2377883	517.79	ppbv		72
15) Acetone	3.87	43	237775	1.45	ppbv	#	90
16) 1,3-Butadiene	3.37	39	7334	0.09	ppbv	#	28
17) tert-Butyl alcohol	4.31	59	4507	0.03	ppbv	#	71
19) Isopropyl Alcohol	3.98	45	97603	1.12	ppbv		100
20) Methylene Chloride	4.36	84	87380	1.34	ppbv		97
23) Vinyl Acetate	5.09	43	3514	0.03	ppbv	#	69
25) Ethyl Acetate	5.70	43	113434	0.34	ppbv	#	73
26) Hexane	5.70	57	115961	0.86	ppbv		91
29) Chloroform	5.77	83	35249	0.15	ppbv		92
34) 2-Butanone	5.26	43	9419	0.05	ppbv	#	53
39) 1,2-Dichloropropane	7.19	63	925341	8.31	ppbv	#	26

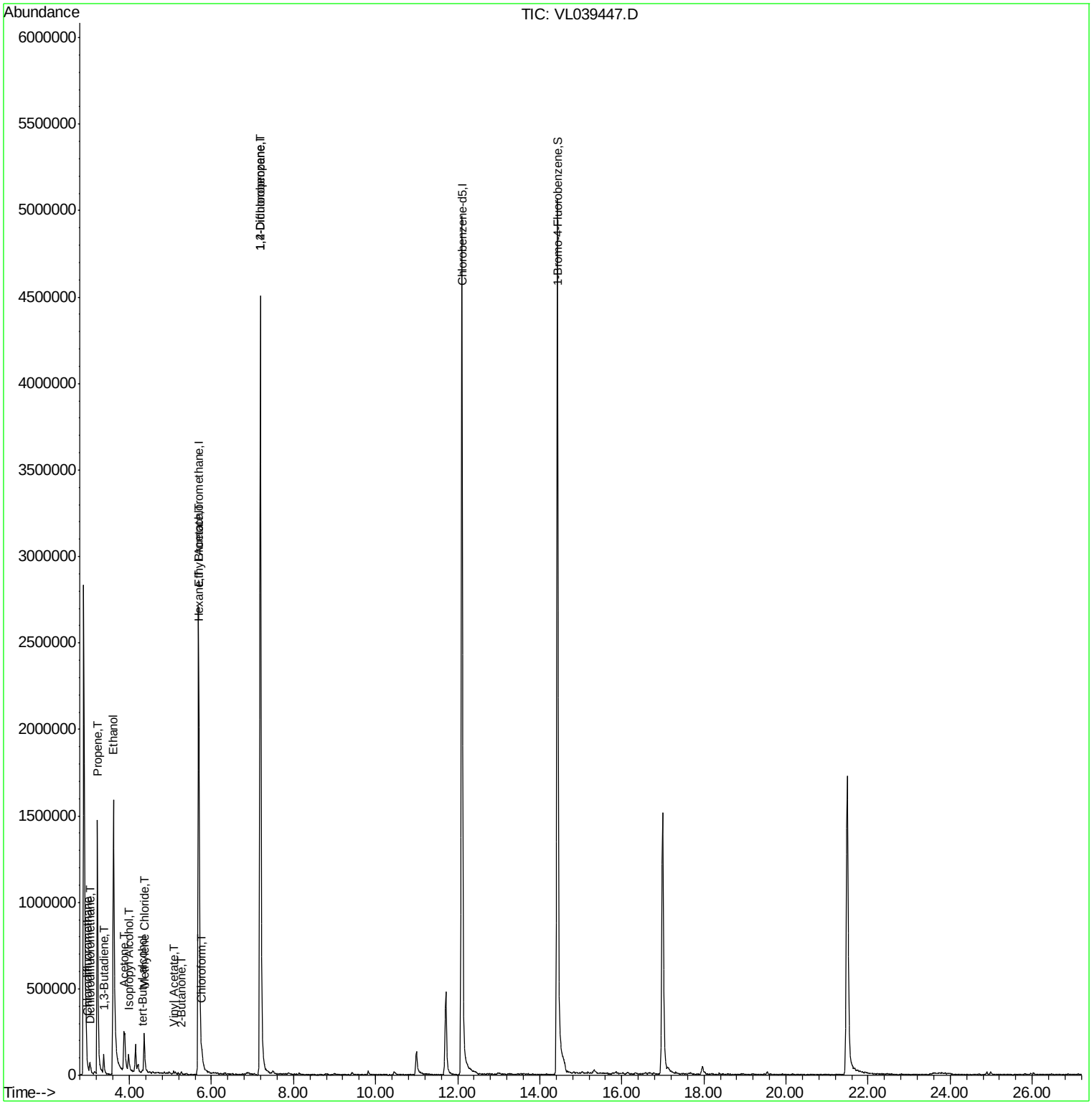
(#) = qualifier out of range (m) = manual integration (+) = signals summed

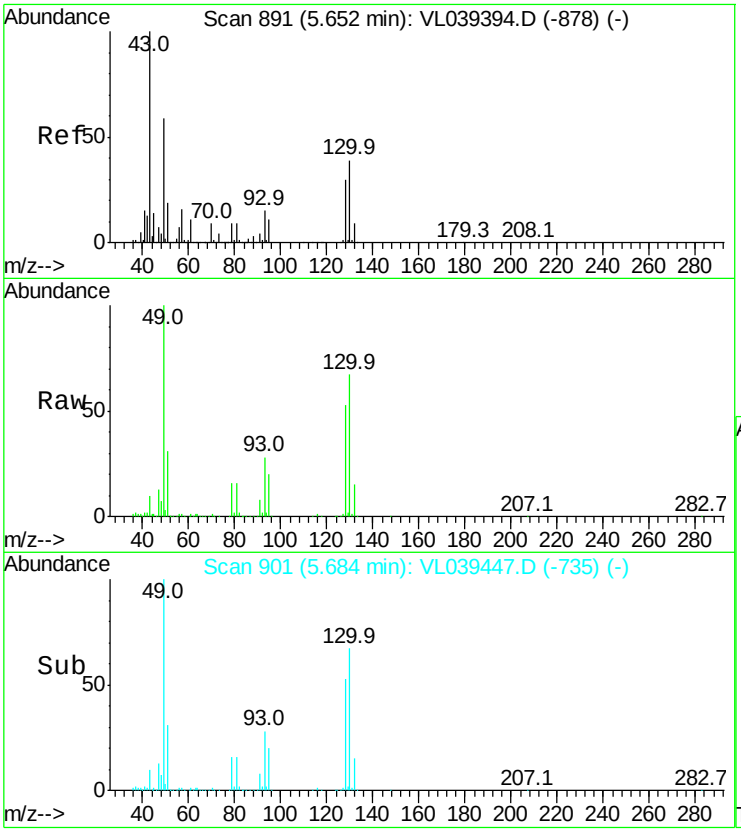
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071222\
Data File : VL039447.D
Acq On : 12 Jul 2022 13:51
Operator : SY/AP
Sample : N3614-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-9DDL

Quant Time: Jul 13 01:32:05 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



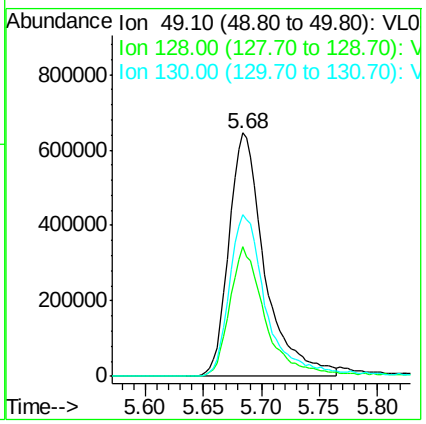


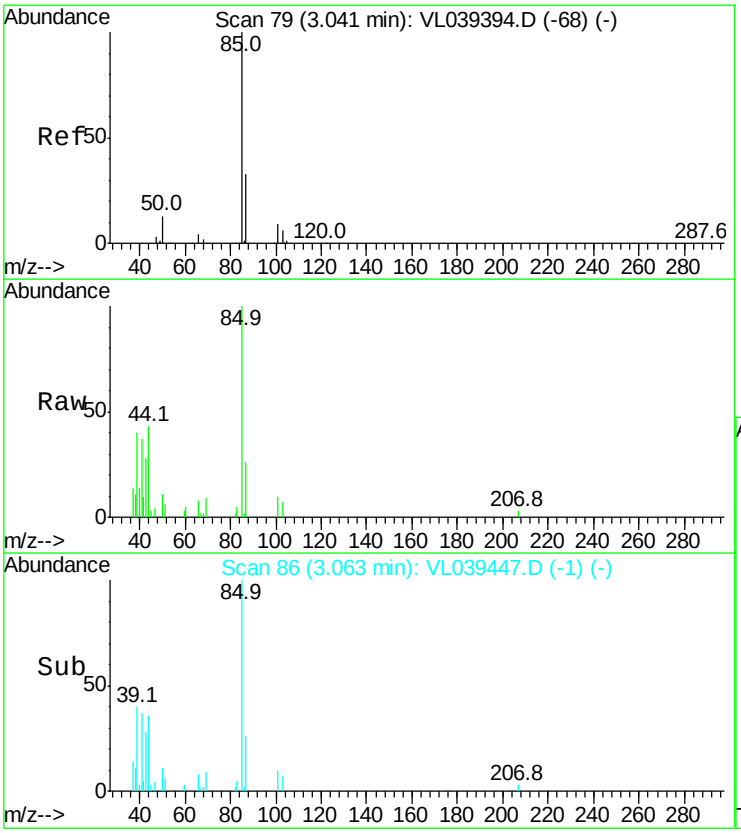
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 12 Jul 2022 13:51

Instrument :
MSVOA_L
ClientSampleId :
IA-9DDL

Tgt Ion: 49 Resp: 1381548

Ion	Ratio	Lower	Upper
49	100		
128	54.6	26.7	80.0
130	69.9	34.3	102.8

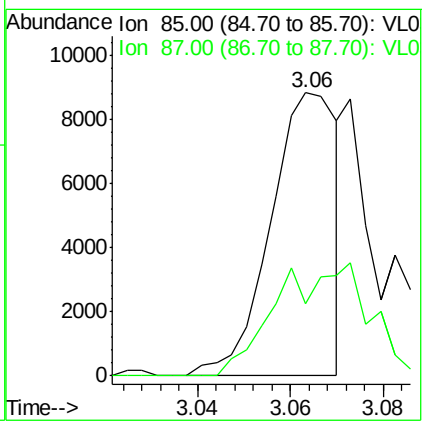


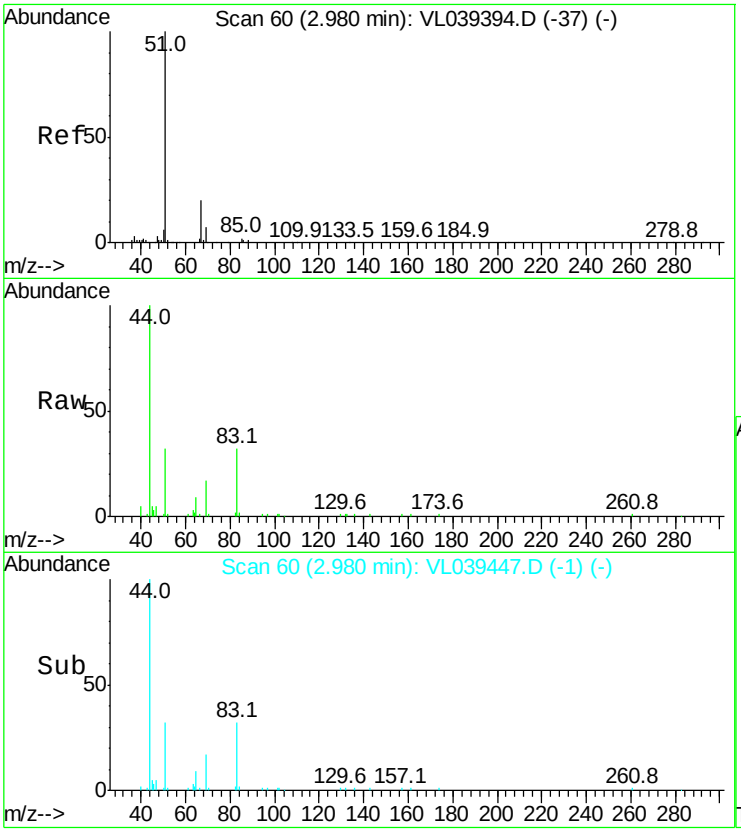


#2
Dichlorodifluoromethane
Concen: 0.04 ppbv
RT: 3.06 min Scan# 86
Delta R.T. 0.02 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51

Tgt Ion: 85 Resp: 8809

Ion	Ratio	Lower	Upper
85	100		
87	25.6	26.7	40.1#



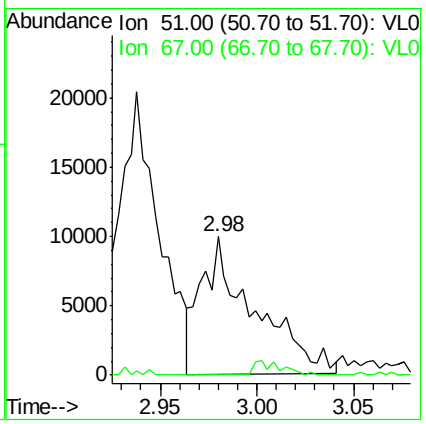


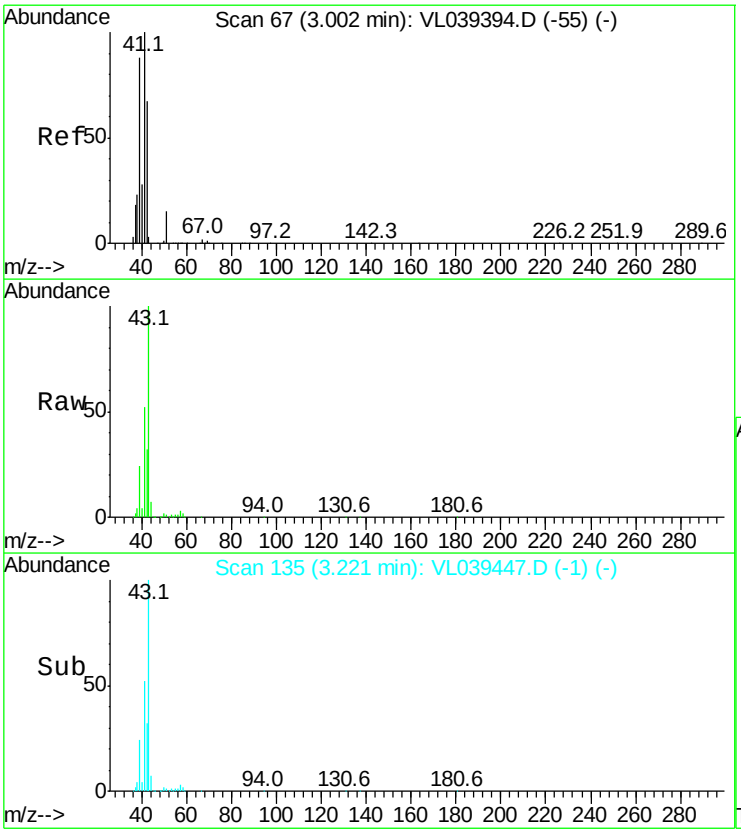
#3
Chlorodifluoromethane
Concen: 0.11 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 12 Jul 2022 13:51

Instrument :
MSVOA_L
ClientSampleId :
IA-9DDL

Tgt Ion: 51 Resp: 18853

Ion	Ratio	Lower	Upper
51	100		
67	5.2	15.7	23.5#

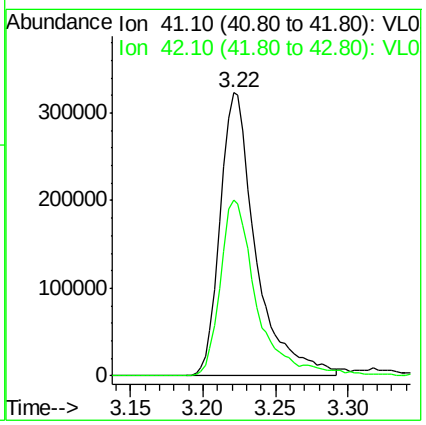


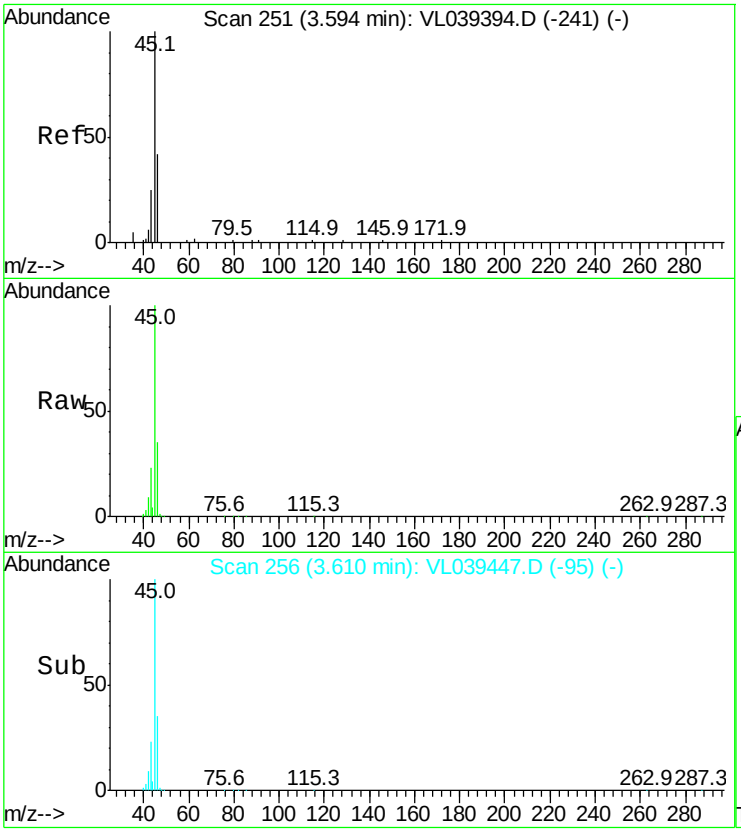


#9
Propene
Concen: 7.00 ppbv
RT: 3.22 min Scan# 135
Delta R.T. 0.22 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51

Tgt Ion: 41 Resp: 554073

Ion	Ratio	Lower	Upper
41	100		
42	63.6	55.2	82.8



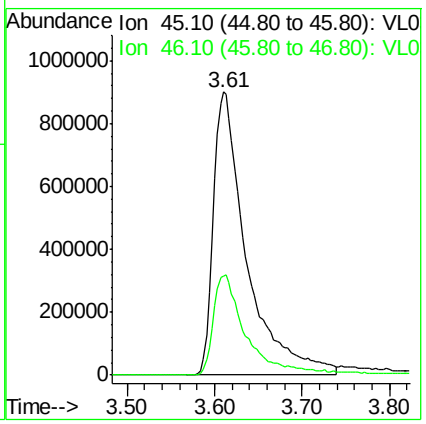


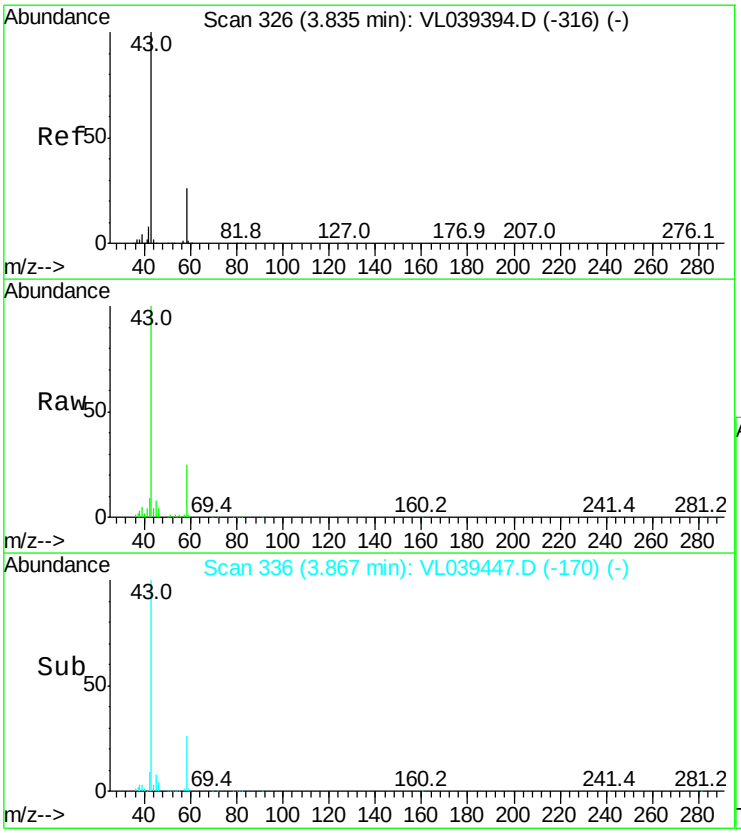
#13
Ethanol
Concen: 517.79 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 12 Jul 2022 13:51

Instrument :
MSVOA_L
ClientSampleId :
IA-9DDL

Tgt Ion: 45 Resp: 2377883

Ion	Ratio	Lower	Upper
45	100		
46	36.2	22.8	91.2

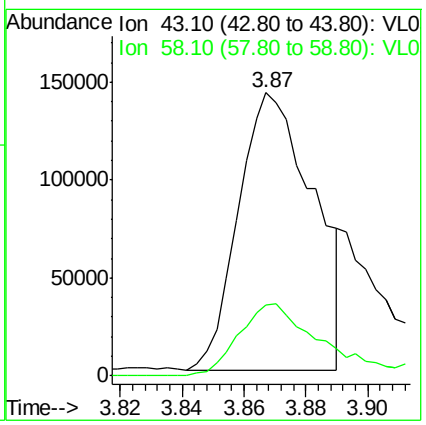


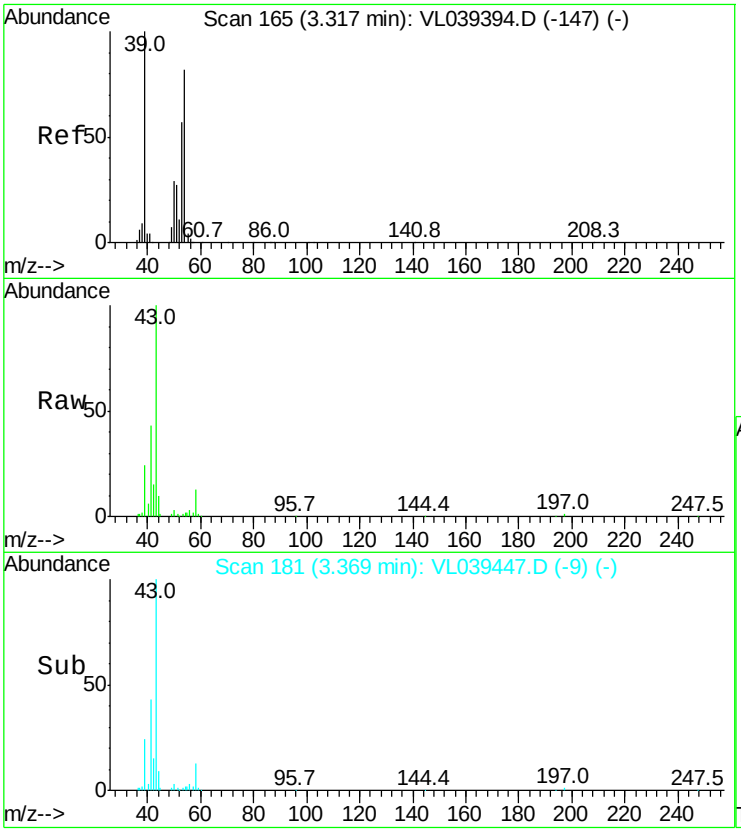


#15
Acetone
Concen: 1.45 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.03 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51

Tgt Ion: 43 Resp: 237775

Ion	Ratio	Lower	Upper
43	100		
58	31.6	21.0	31.6#



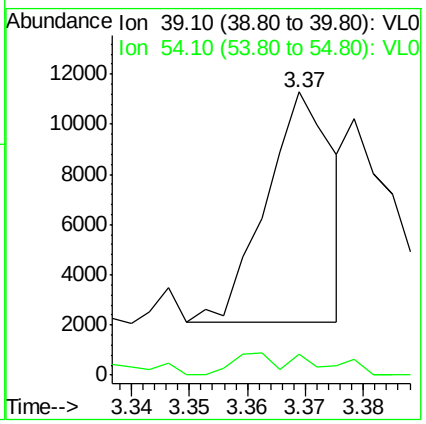


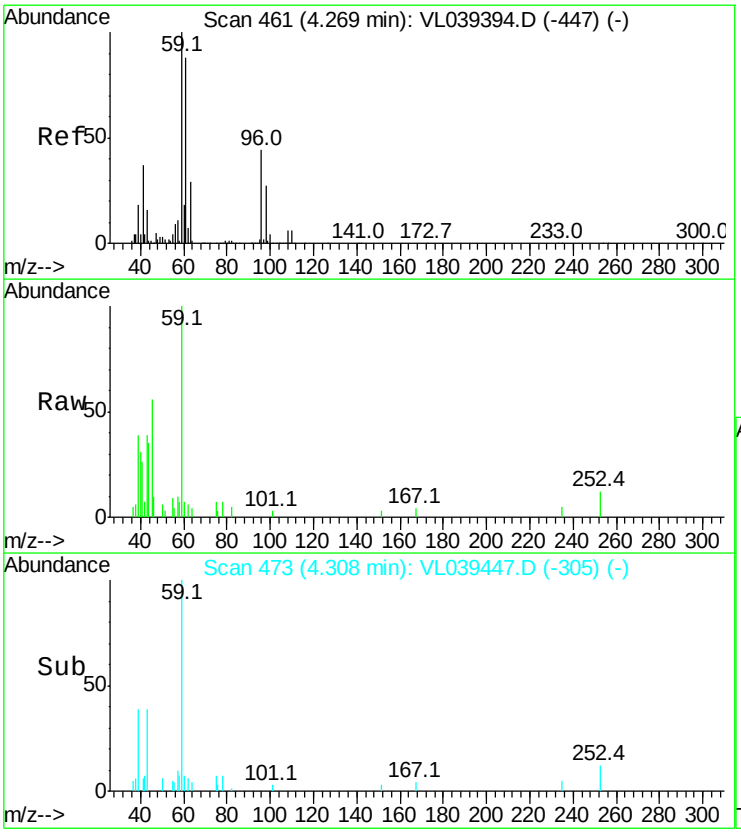
#16
1,3-Butadiene
Concen: 0.09 ppbv
RT: 3.37
Delta R.T
Lab File:
Acq: 12 Jul 2022 13:51

Instrument :
MSVOA_L
ClientSampleId :
IA-9DDL

Tgt Ion: 39 Resp: 7334

Ion	Ratio	Lower	Upper
39	100		
54	16.6	63.7	95.5#

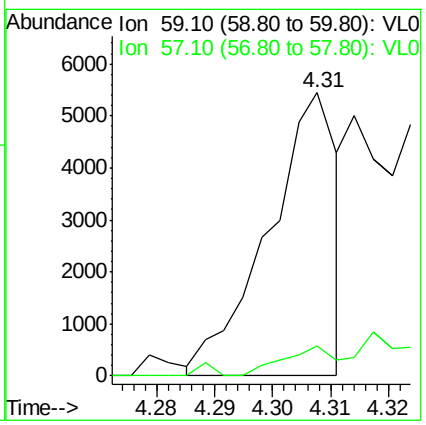


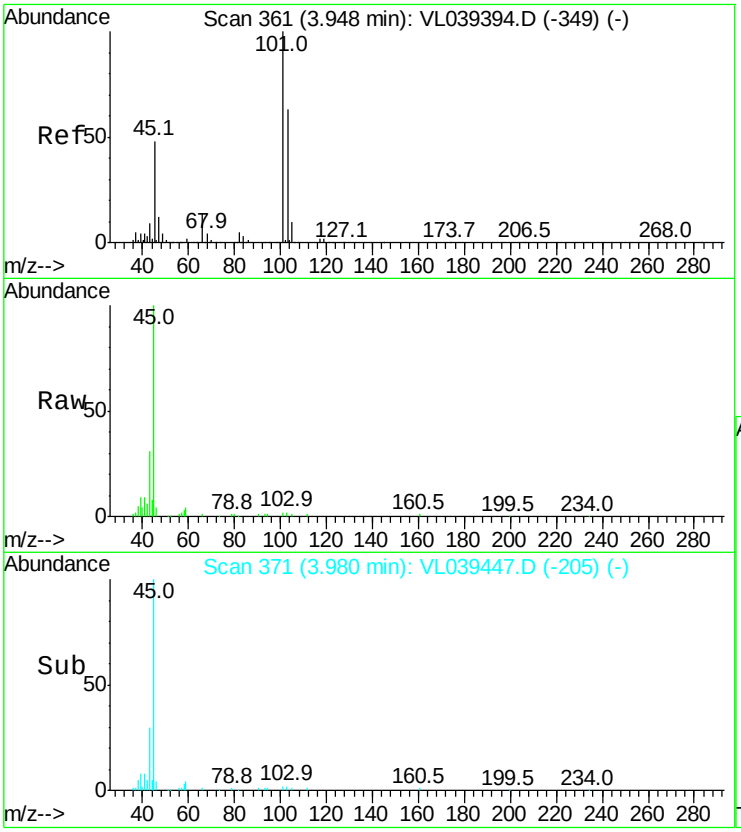


#17
tert-Butyl alcohol
Concen: 0.03 ppbv
RT: 4.31 min Scan# 473
Delta R.T. 0.04 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51

Tgt Ion: 59 Resp: 4507

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



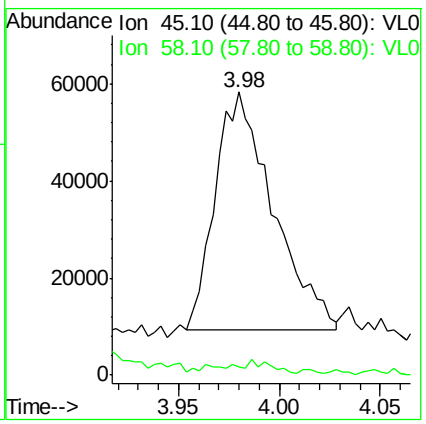


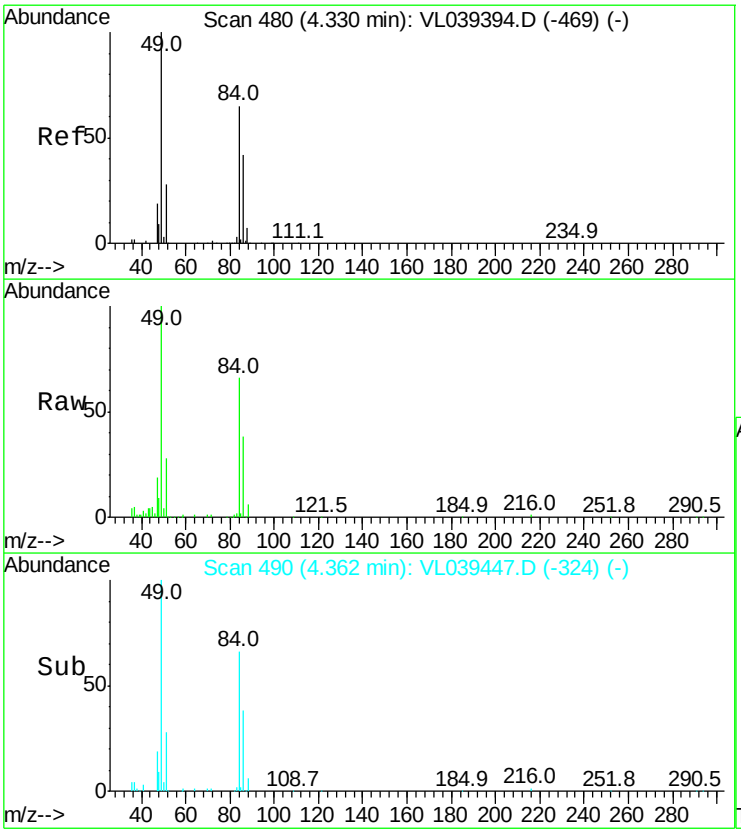
#19
Isopropyl Alcohol
Concen: 1.12 ppbv
RT: 3.98
Delta R.T
Lab File:
Acq: 12 Jul 2022 13:51

Instrument :
MSVOA_L
ClientSampleId :
IA-9DDL

Tgt Ion: 45 Resp: 97603

Ion	Ratio	Lower	Upper
45	100		
58	3.9	3.2	4.8

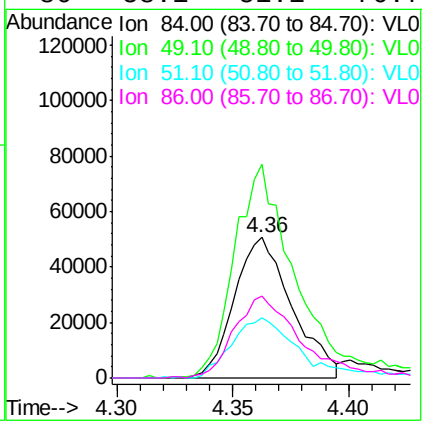


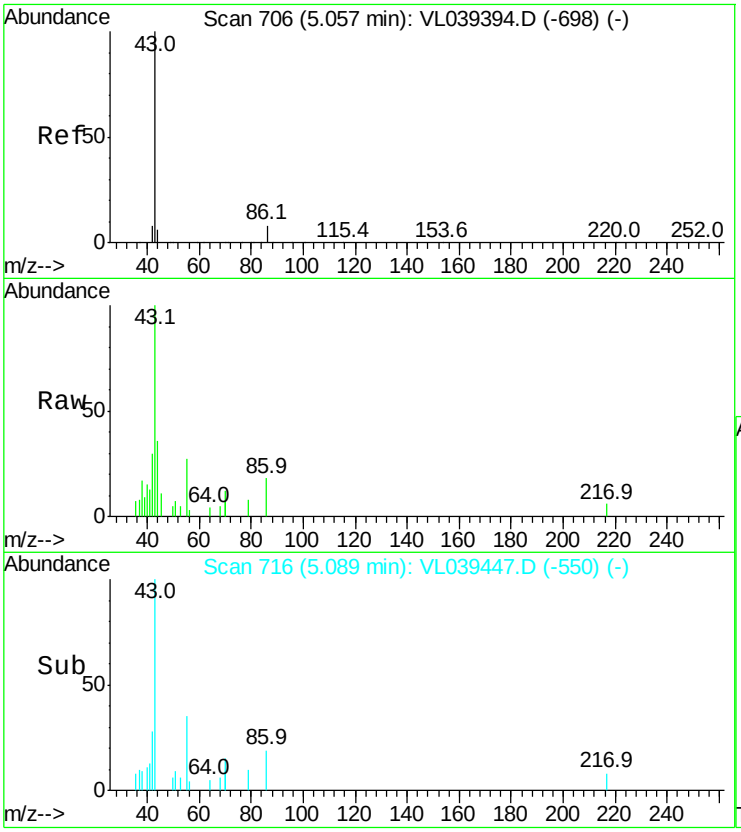


#20
Methylene Chloride
Concen: 1.34 ppbv
RT: 4.36 min Scan# 490
Delta R.T. 0.03 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51

Tgt Ion: 84 Resp: 87380

Ion	Ratio	Lower	Upper
84	100		
49	150.9	123.1	184.7
51	42.6	34.4	51.6
86	58.1	51.1	76.7



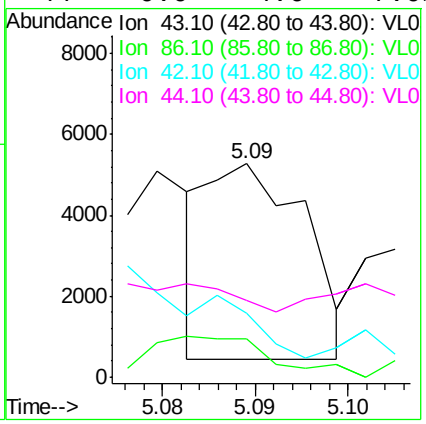


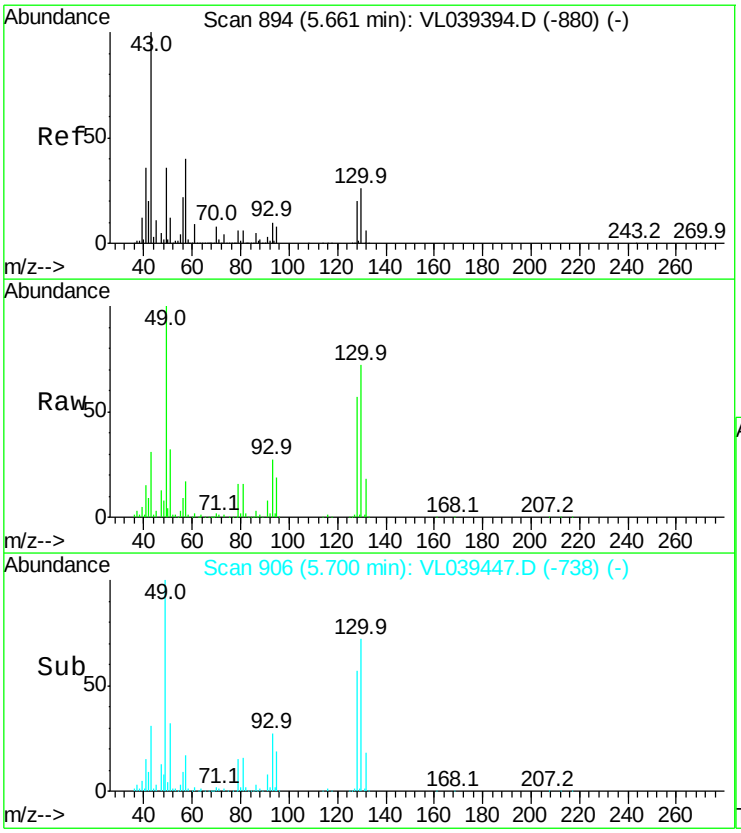
#23
Vinyl Acetate
Concen: 0.03 ppbv
RT: 5.09
Delta R.T
Lab File:
Acq: 12 Jul 2022 13:51

Instrument :
MSVOA_L
ClientSampleId :
IA-9DDL

Tgt Ion: 43 Resp: 3514

Ion	Ratio	Lower	Upper
43	100		
86	17.4	5.0	7.6#
42	23.6	7.7	11.5#
44	0.0	4.6	7.0#

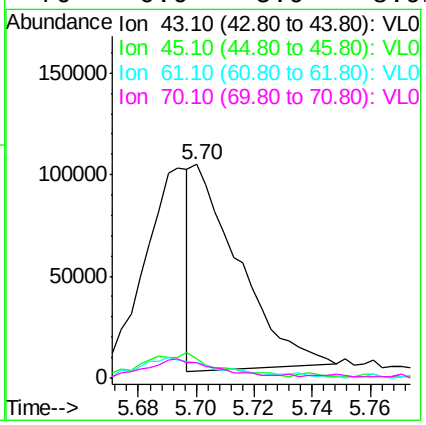


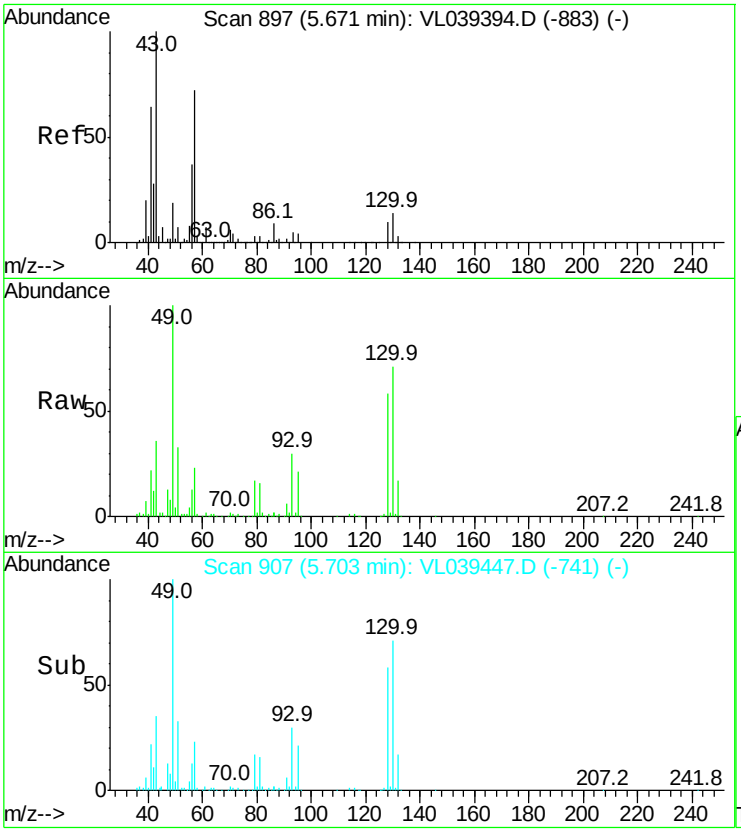


#25
Ethyl Acetate
Concen: 0.34 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.04 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51

Tgt Ion: 43 Resp: 113434

Ion	Ratio	Lower	Upper
43	100		
45	21.4	8.2	12.4#
61	0.0	8.3	12.5#
70	0.0	5.9	8.9#



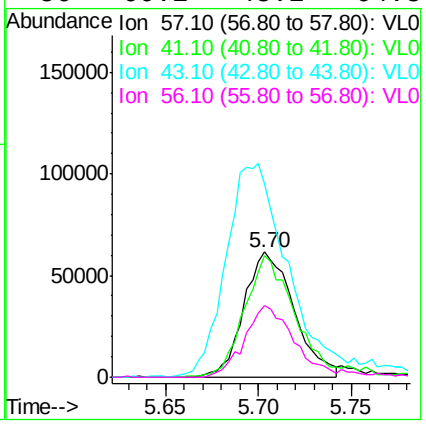


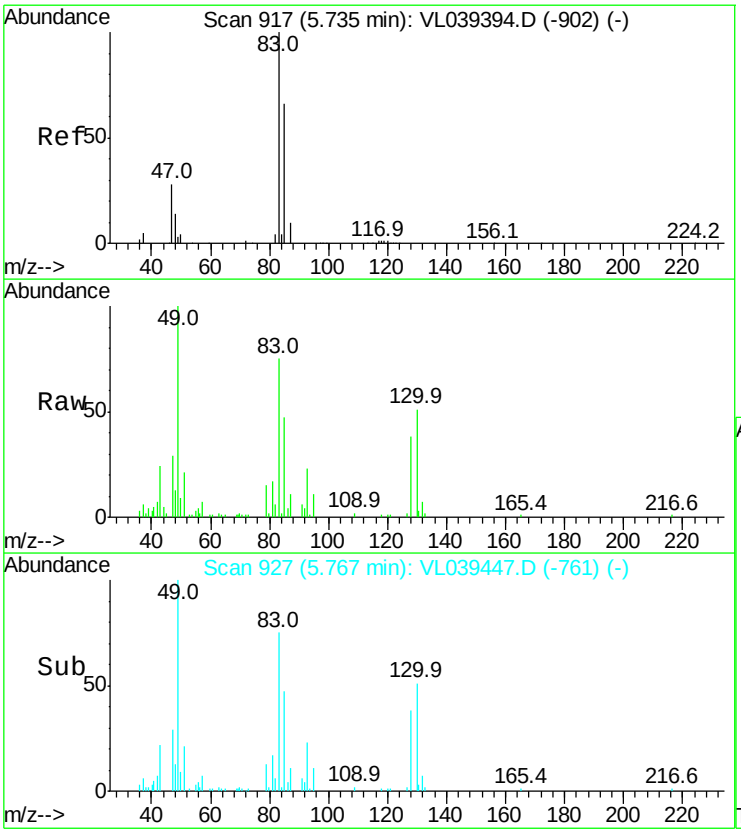
#26
Hexane
Concen: 0.86 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 12 Jul 2022 13:51

Instrument :
MSVOA_L
ClientSampleId :
IA-9DDL

Tgt Ion: 57 Resp: 115961

Ion	Ratio	Lower	Upper
57	100		
41	103.3	76.9	115.3
43	223.3	191.0	286.6
56	60.2	43.2	64.8

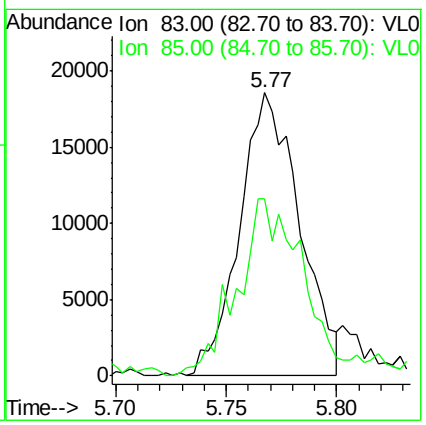


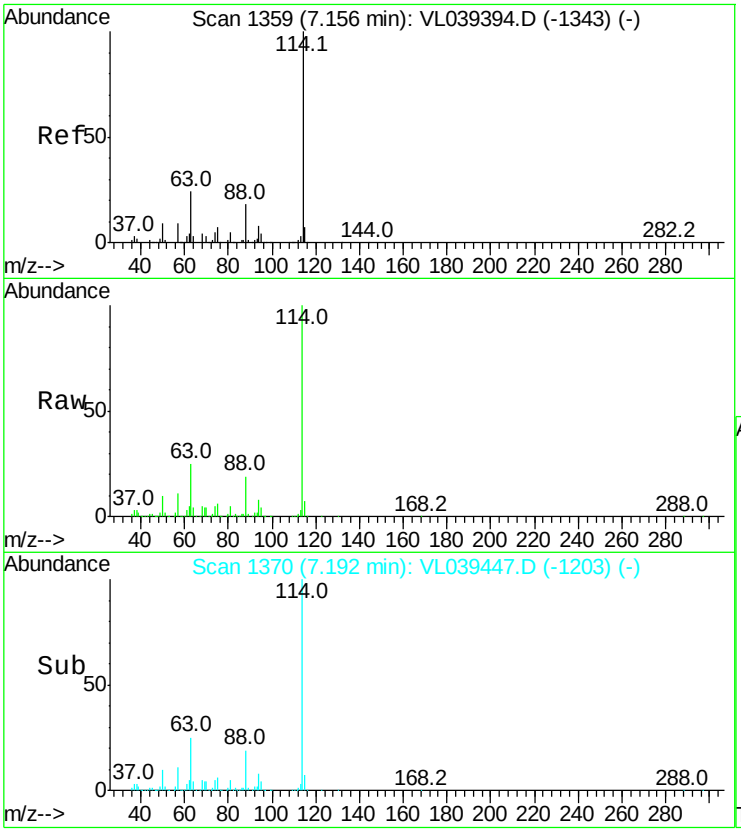


#29
Chloroform
Concen: 0.15 ppbv
RT: 5.77 min Scan# 927
Delta R.T. 0.03 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51

Tgt Ion: 83 Resp: 35249

Ion	Ratio	Lower	Upper
83	100		
85	59.9	52.8	79.2



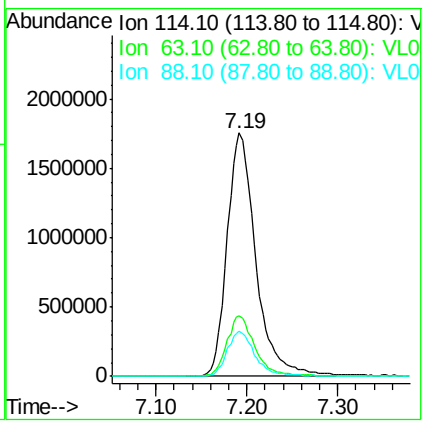


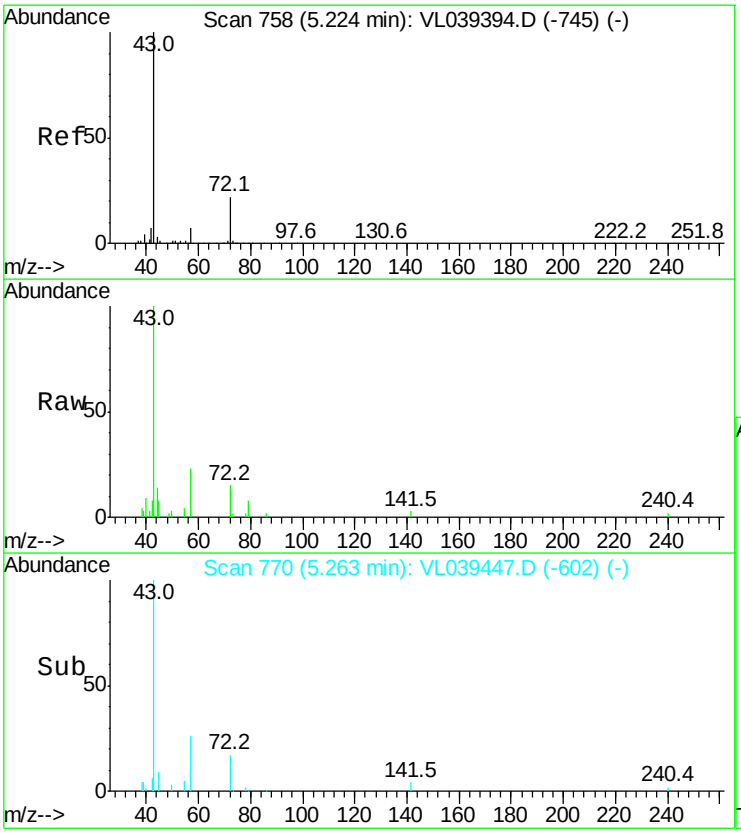
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 12 Jul 2022 13:51

Instrument :
MSVOA_L
ClientSampleId :
IA-9DDL

Tgt Ion:114 Resp: 3849070

Ion	Ratio	Lower	Upper
114	100		
63	24.6	20.2	30.4
88	18.0	14.5	21.7

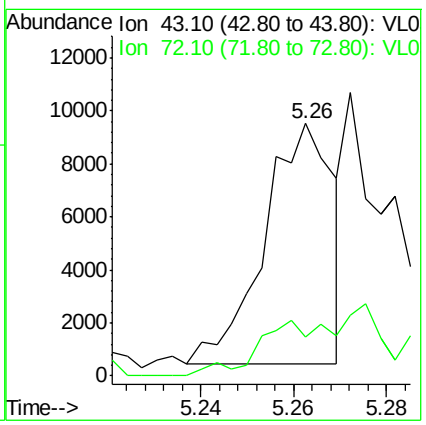


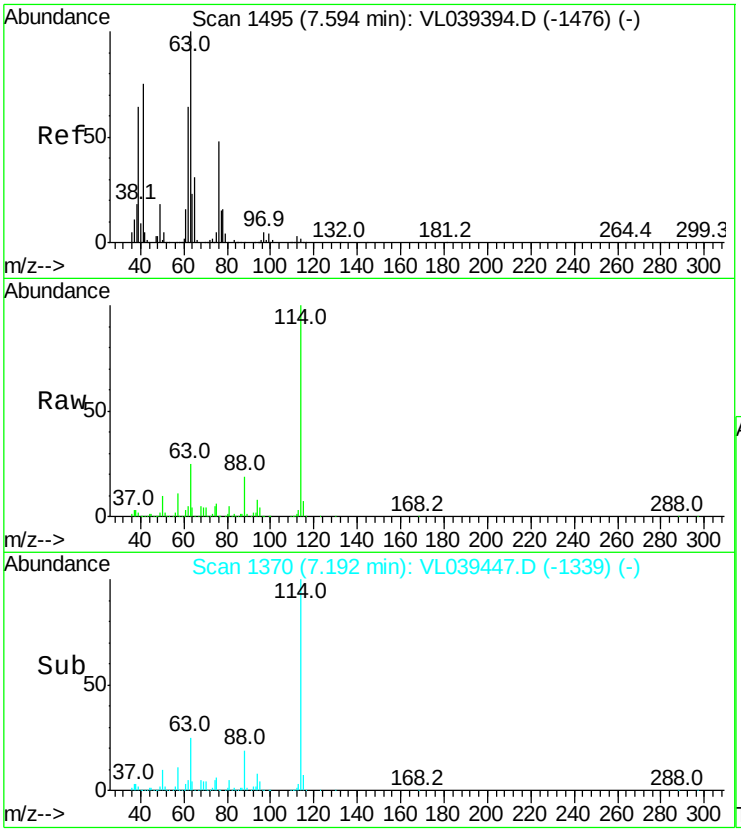


#34
2-Butanone
Concen: 0.05 ppbv
RT: 5.26 min Scan# 770
Delta R.T. 0.04 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51

Tgt Ion: 43 Resp: 9419

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.9	26.9#



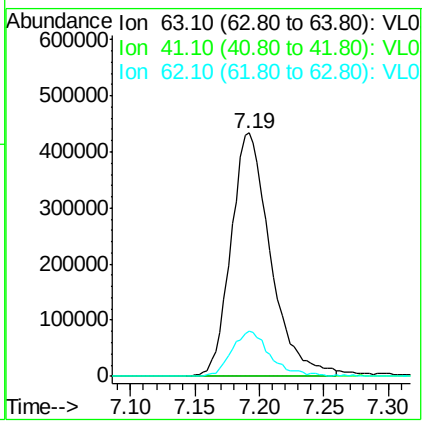


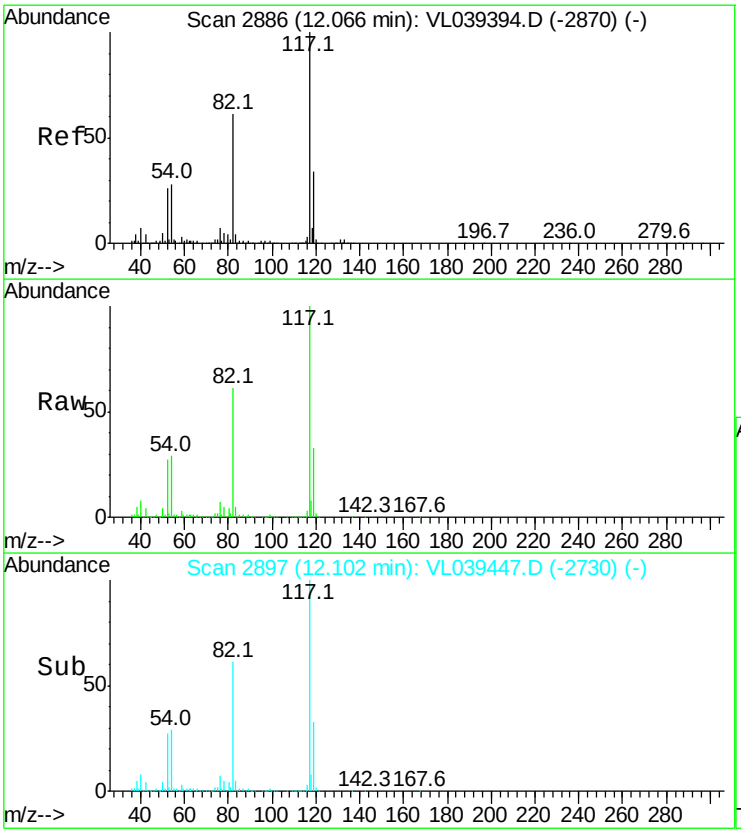
#39
1,2-Dichloropropane
Concen: 8.31 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 12 Jul 2022 13:51

Instrument :
MSVOA_L
ClientSampleId :
IA-9DDL

Tgt Ion: 63 Resp: 925341

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	18.4	51.4	77.0#

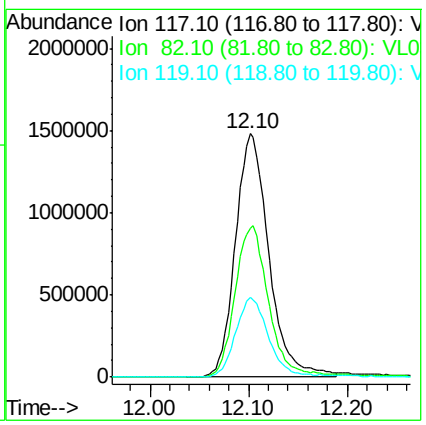


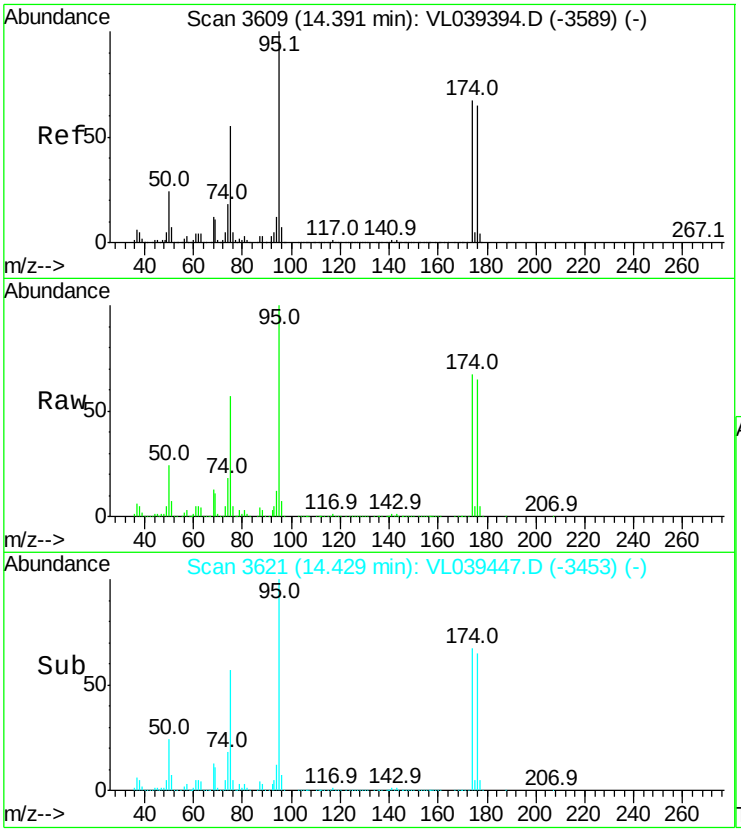


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.04 min
Lab File: VL039447.D
Acq: 12 Jul 2022 13:51

Tgt Ion:117 Resp: 3478173

Ion	Ratio	Lower	Upper
117	100		
82	64.5	50.8	76.2
119	32.9	24.1	36.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.05 ppbv
RT: 14.43
Delta R.T
Lab File:
Acq: 12 Jul 2022 13:51

Instrument :
MSVOA_L
ClientSampleId :
IA-9DDL

Tgt Ion: 95 Resp: 2593948

Ion	Ratio	Lower	Upper
95	100		
174	71.2	55.9	83.9
175	5.2	4.2	6.4