Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061422\
Data File : VL039296.D
Acq On : 15 Jun 2022 12:29
Operator : SY/AP
Sample : N3326-04DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA2DL

Quant Time: Jun 16 01:15:46 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	1262161	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.16	114	3697620	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.07	117	3260494	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2501293	9.28	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 92.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	9366	0.042	ppbv		95
3) Chlorodifluoromethane	2.99	51	16298	0.101	ppbv	#	84
9) Propene	3.02	41	49830	0.712	ppbv	#	69
10) Heptane	8.11	43	7724	0.047	ppbv	#	26
13) Ethanol	3.59	45	161301	42.238	ppbv	#	100
15) Acetone	3.84	43	764969	5.818	ppbv		94
19) Isopropyl Alcohol	3.95	45	458937	7.442	ppbv	#	96
20) Methylene Chloride	4.34	84	34427	0.621	ppbv	#	87
21) Allyl Chloride	4.37	41	2828	0.032	ppbv	#	1
23) Vinyl Acetate	5.06	43	5172	0.048	ppbv	#	14
25) Ethyl Acetate	5.68	43	59177	0.200	ppbv	#	82
26) Hexane	5.68	57	80900	0.621	ppbv	#	38
30) Cyclohexane	7.12	84	3709	0.034	ppbv	#	1
34) 2-Butanone	5.24	43	34766	0.173	ppbv		91
36) Benzene	6.88	78	17538	0.058	ppbv	#	90
39) 1,2-Dichloropropane	7.16	63	899889	7.536	ppbv	#	24
44) 2,2,4-Trimethylpentane	7.86	57	97201	0.185	ppbv	#	86
53) Toluene	9.79	91	135437	0.392	ppbv		98
59) m/p-Xylene	12.98	91	21081	0.053	ppbv	#	33
60) o-Xylene	13.67	91	21387	0.058	ppbv	#	31

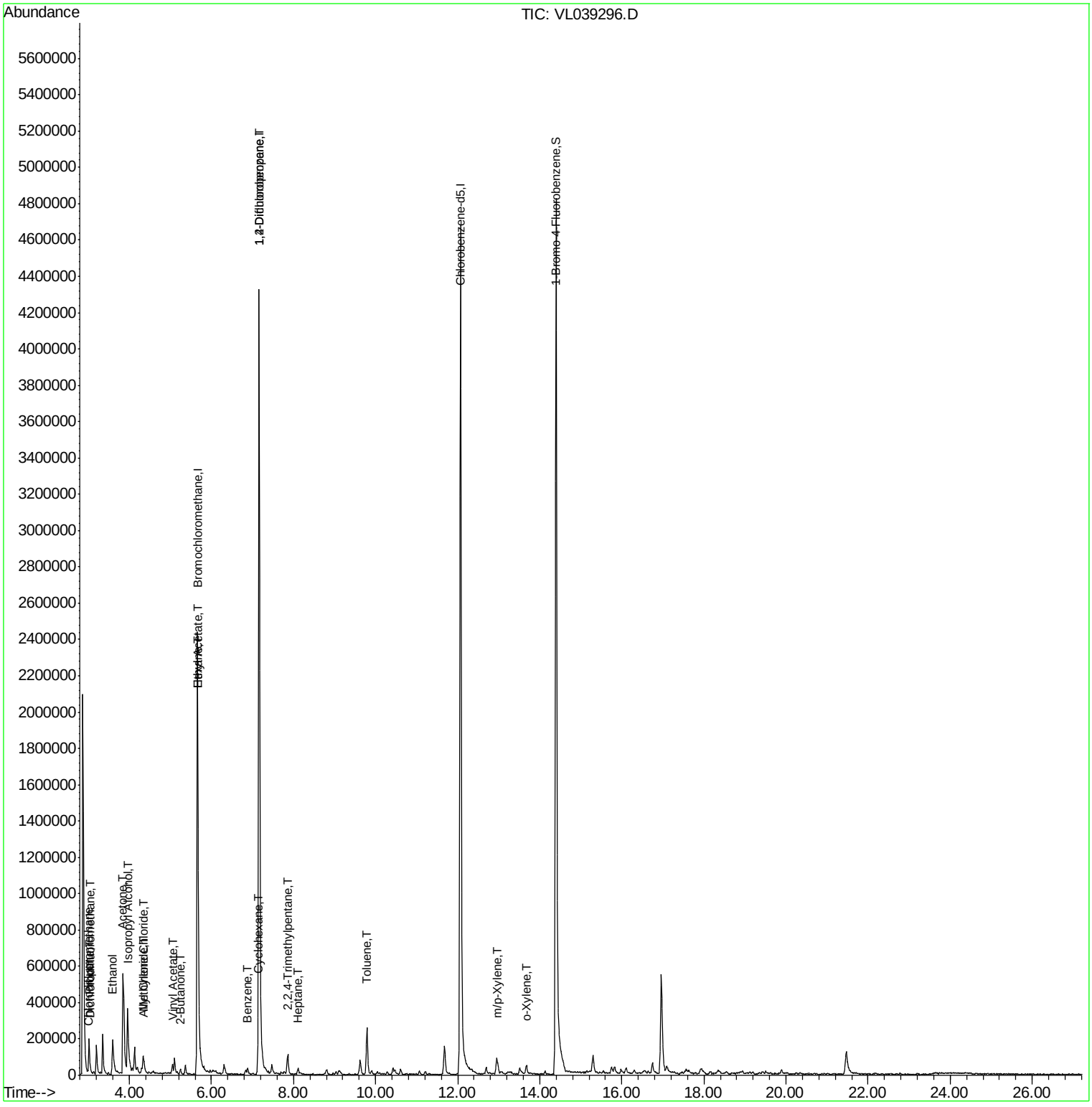
(#) = qualifier out of range (m) = manual integration (+) = signals summed

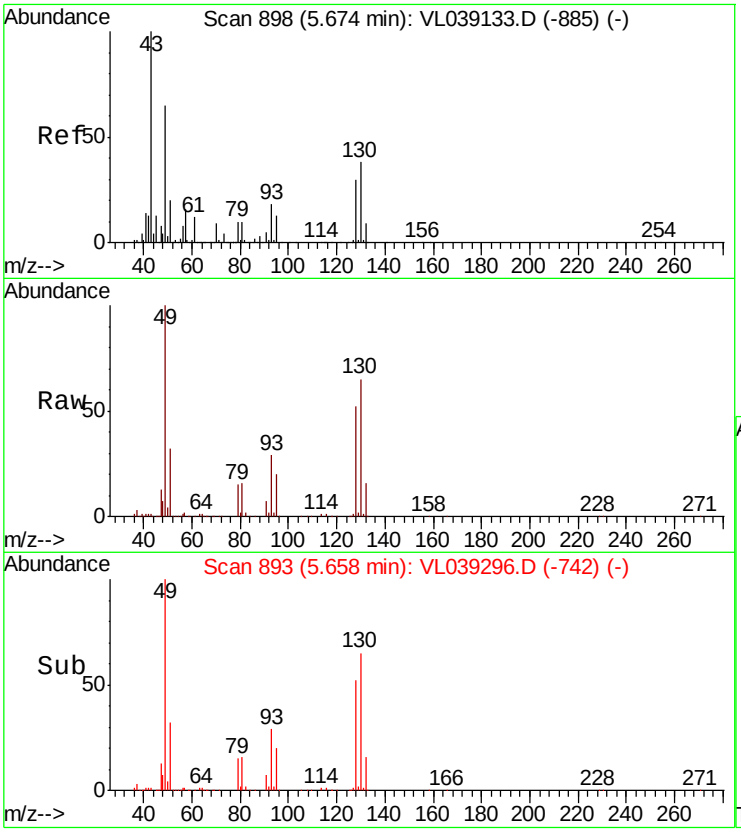
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061422\
Data File : VL039296.D
Acq On : 15 Jun 2022 12:29
Operator : SY/AP
Sample : N3326-04DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Quant Time: Jun 16 01:15:46 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



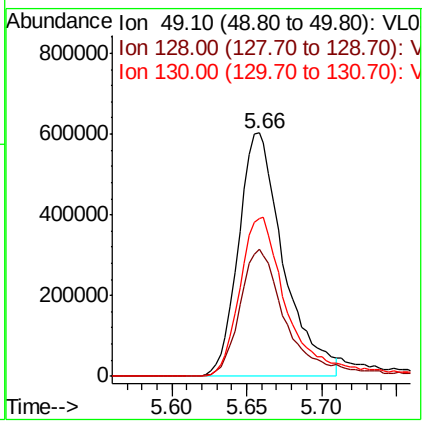


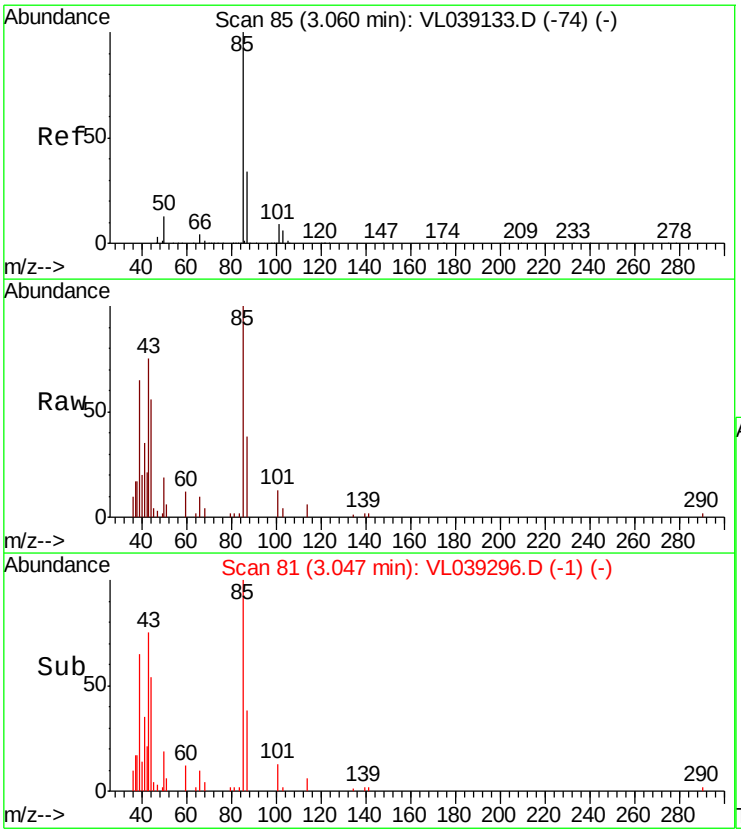
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 15 Jun 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 49 Resp: 1262161

Ion	Ratio	Lower	Upper
49	100		
128	55.2	24.7	74.1
130	72.7	31.4	94.0

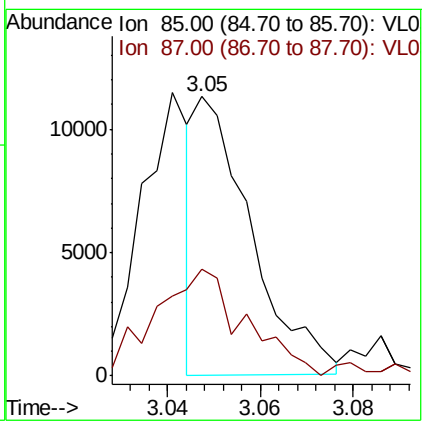


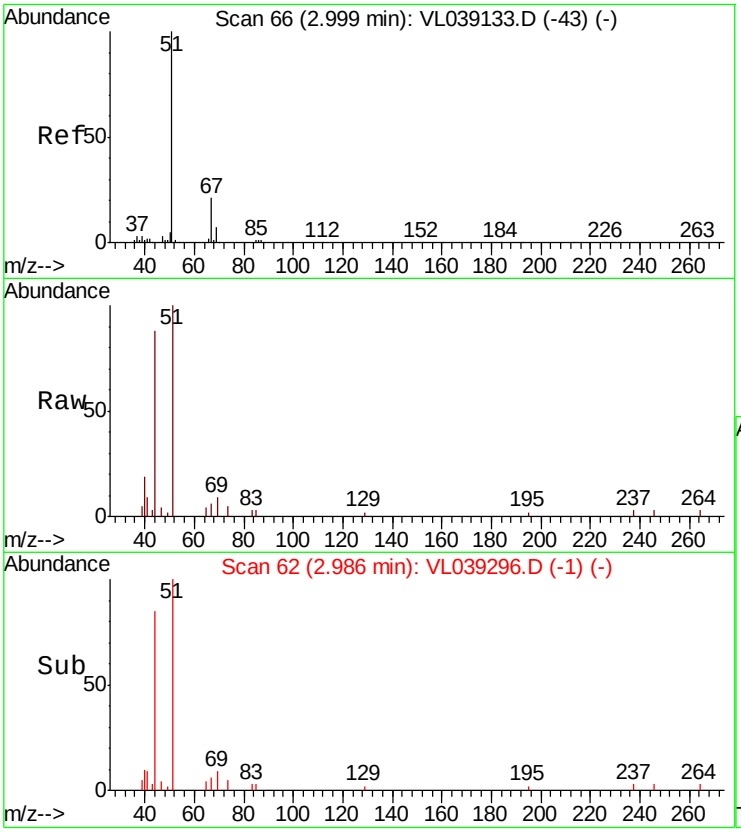


#2
Dichlorodifluoromethane
Concen: 0.042 ppbv
RT: 3.05 min Scan# 81
Delta R.T. -0.01 min
Lab File: VL039296.D
Acq: 15 Jun 2022 12:29

Tgt Ion: 85 Resp: 9366

Ion	Ratio	Lower	Upper
85	100		
87	36.5	26.9	40.3



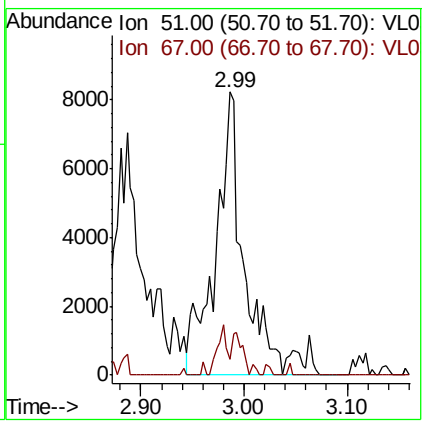


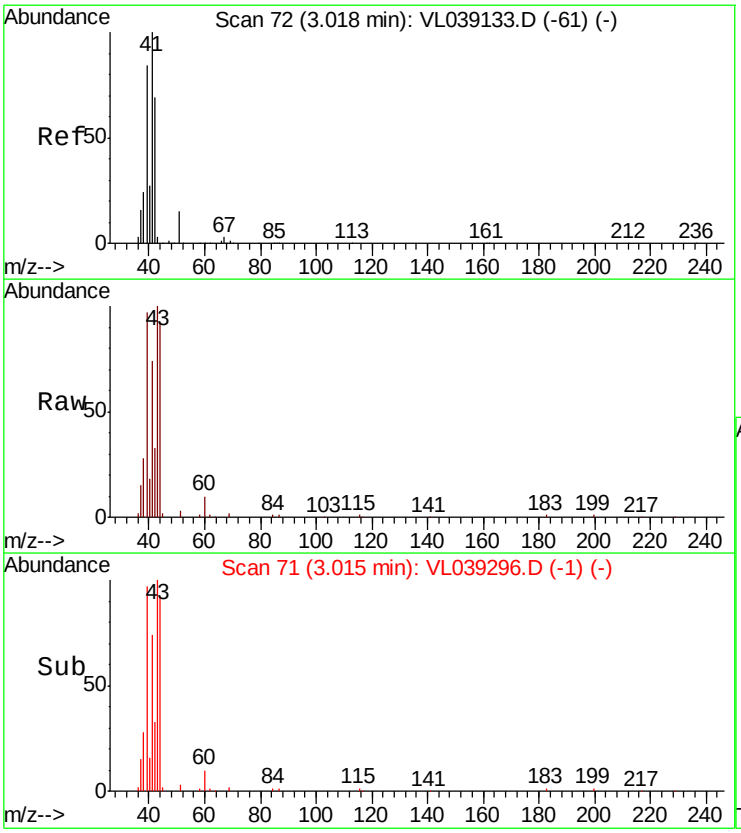
#3
Chlorodifluoromethane
Concen: 0.101 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 15 Jun 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 51 Resp: 16298

Ion	Ratio	Lower	Upper
51	100		
67	12.9	16.2	24.4#

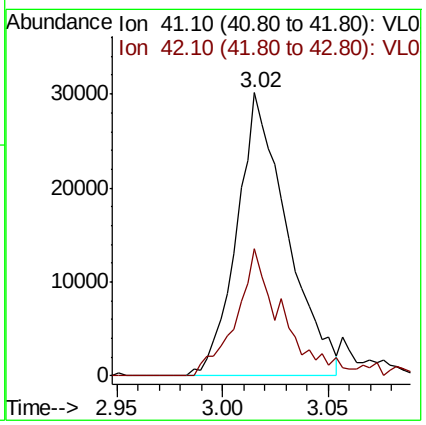


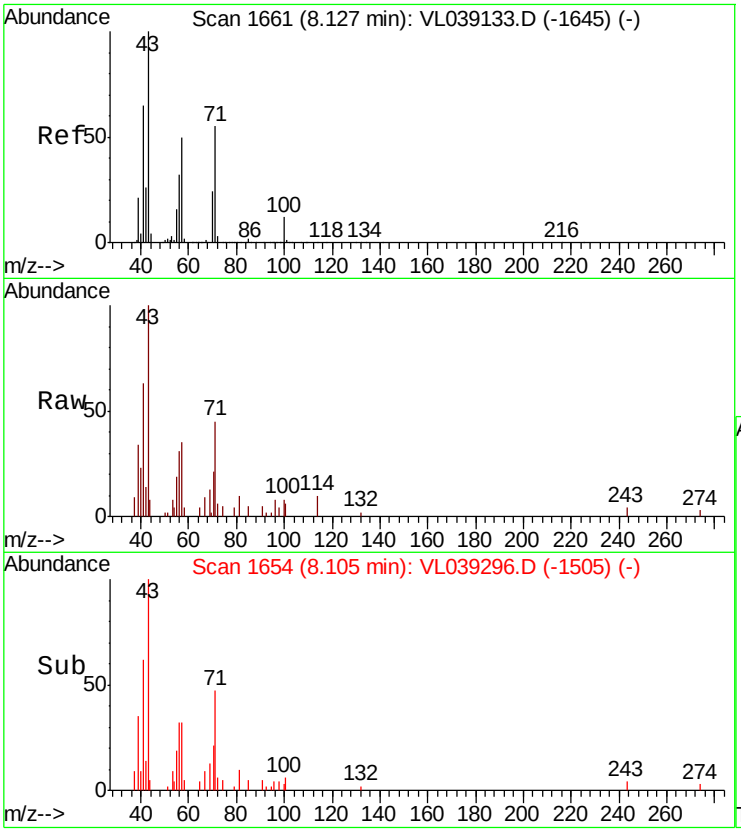


#9
Propene
Concen: 0.712 ppbv
RT: 3.02 min Scan# 71
Delta R.T. -0.00 min
Lab File: VL039296.D
Acq: 15 Jun 2022 12:29

Tgt Ion: 41 Resp: 49830

Ion	Ratio	Lower	Upper
41	100		
42	43.8	55.4	83.2#



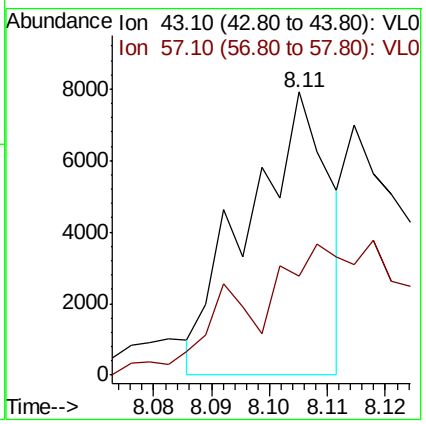


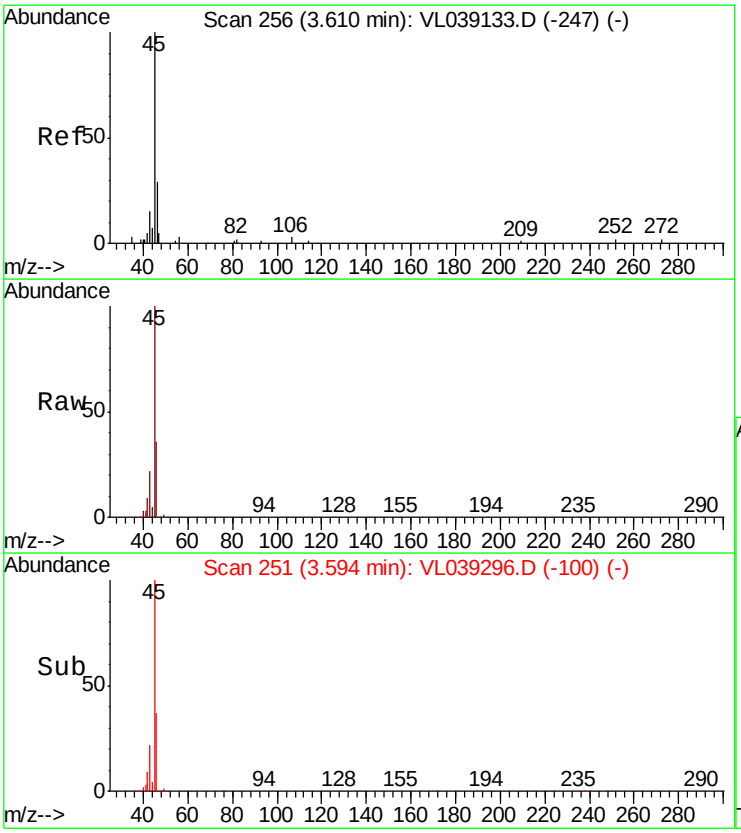
#10
Heptane
Concen: 0.047 ppbv
RT: 8.11
Delta R.T
Lab File:
Acq: 15 Jun 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 43 Resp: 7724

Ion	Ratio	Lower	Upper
43	100		
57	0.0	41.4	62.2#

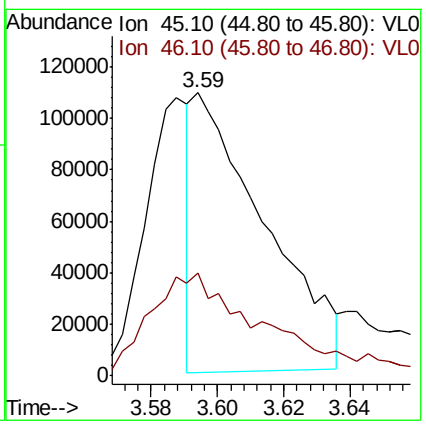


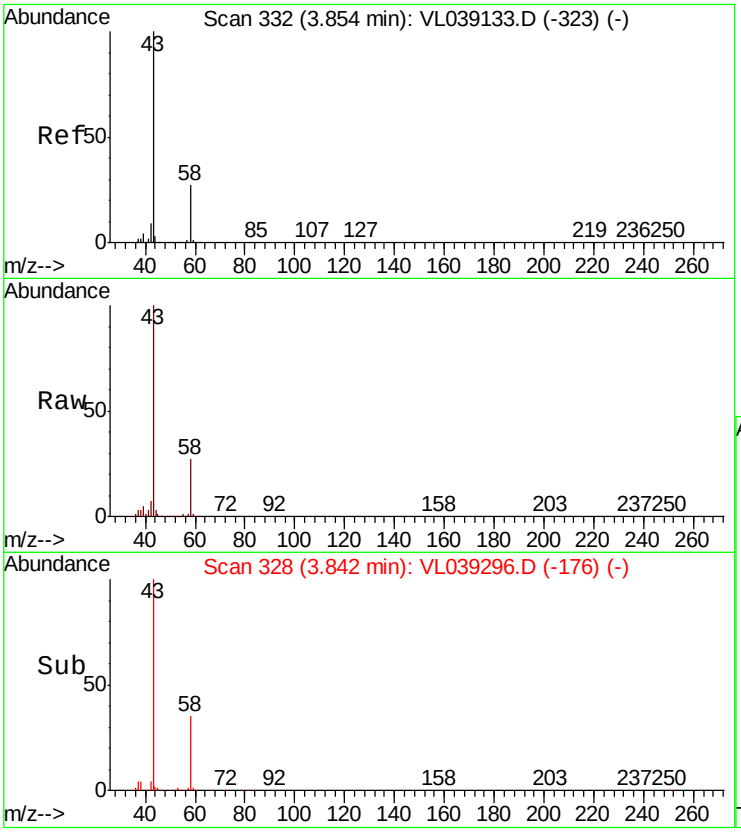


#13
Ethanol
Concen: 42.238 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.02 min
Lab File: VL039296.D
Acq: 15 Jun 2022 12:29

Tgt Ion: 45 Resp: 161301

Ion	Ratio	Lower	Upper
45	100		
46	68.1	0.0	0.0#



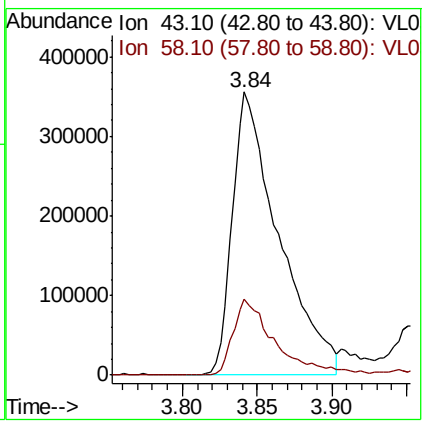


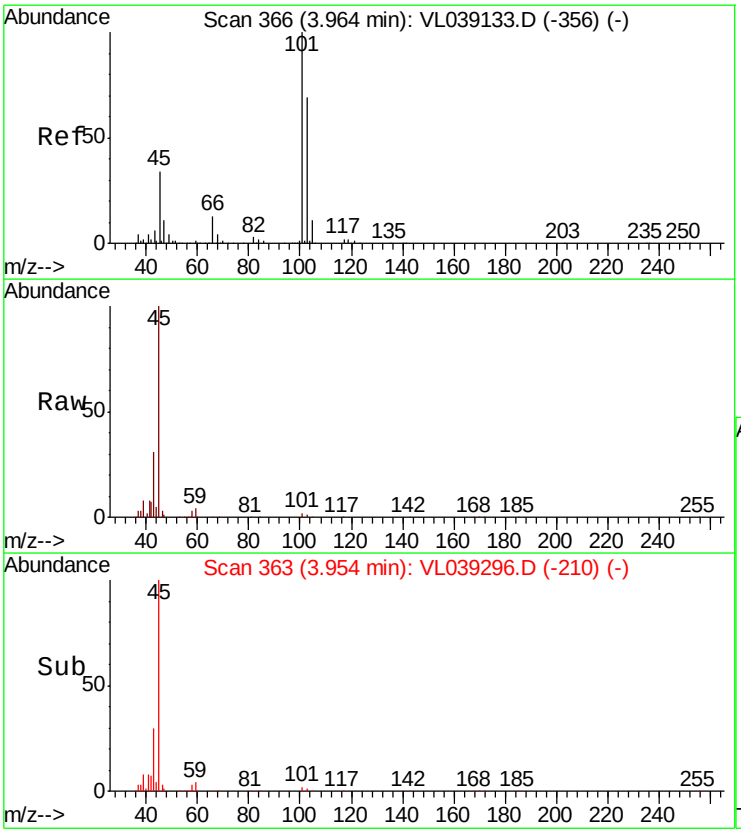
#15
Acetone
Concen: 5.818 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 15 Jun 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 43 Resp: 764969

Ion	Ratio	Lower	Upper
43	100		
58	24.7	22.5	33.7

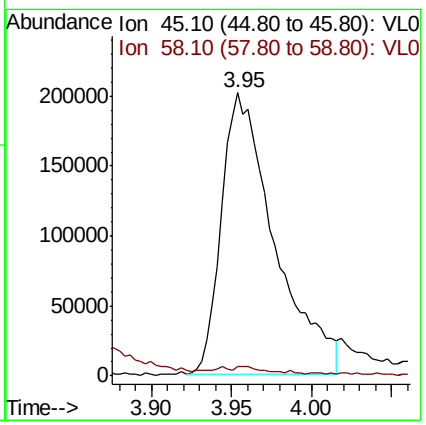


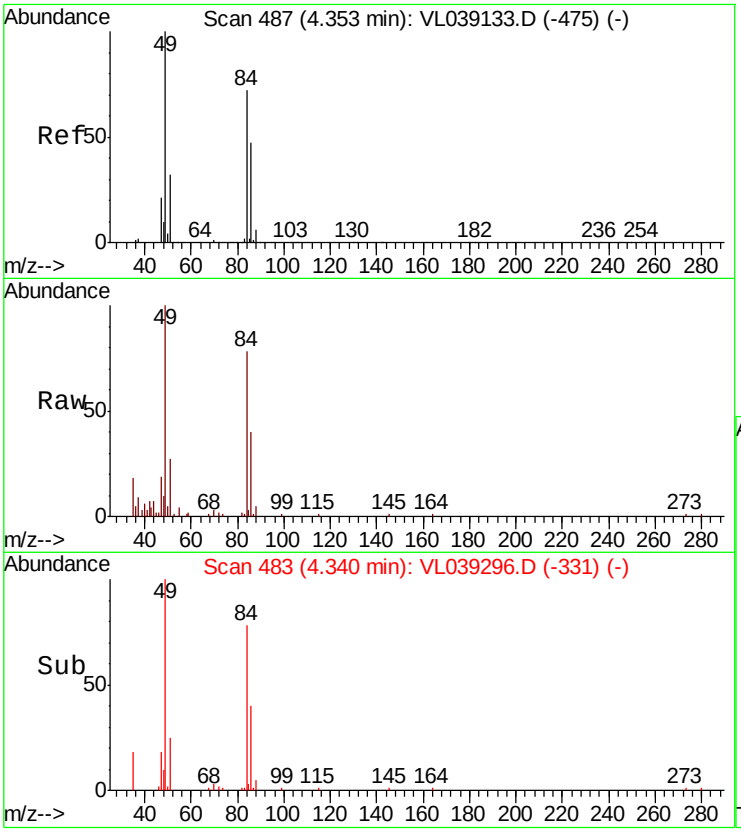


#19
Isopropyl Alcohol
Concen: 7.442 ppbv
RT: 3.95 min Scan# 363
Delta R.T. -0.01 min
Lab File: VL039296.D
Acq: 15 Jun 2022 12:29

Tgt Ion: 45 Resp: 458937

Ion	Ratio	Lower	Upper
45	100		
58	3.6	1.8	2.8#



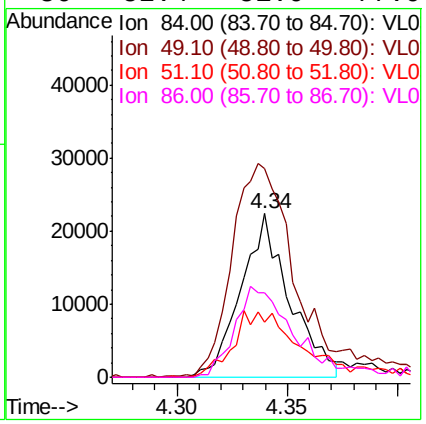


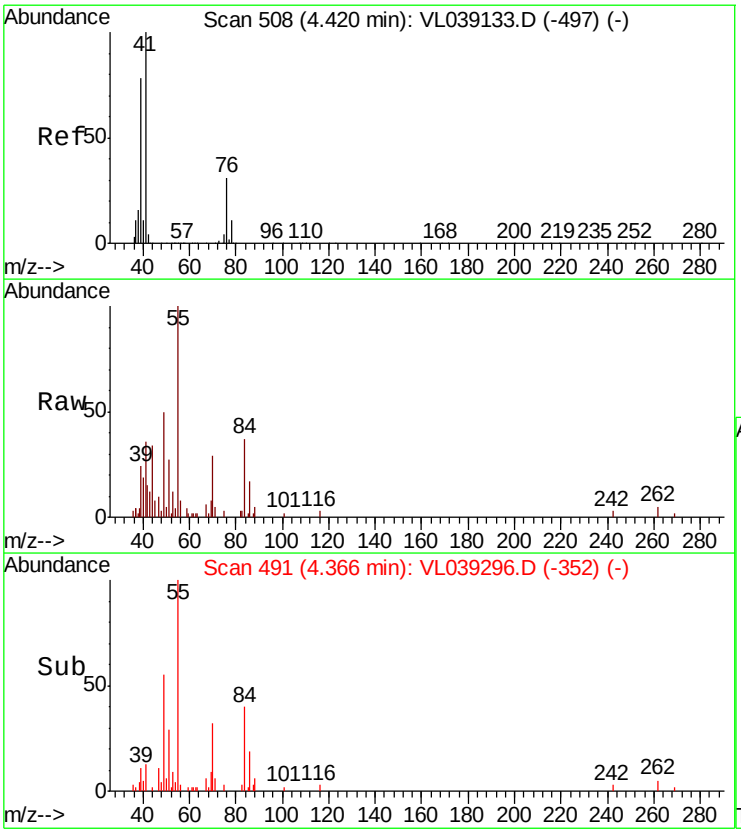
#20
Methylene Chloride
Concen: 0.621 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 15 Jun 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 84 Resp: 34427

Ion	Ratio	Lower	Upper
84	100		
49	126.3	111.1	166.7
51	33.9	35.3	52.9#
86	52.4	51.9	77.9

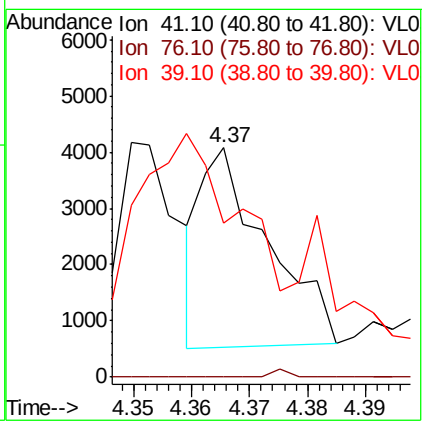


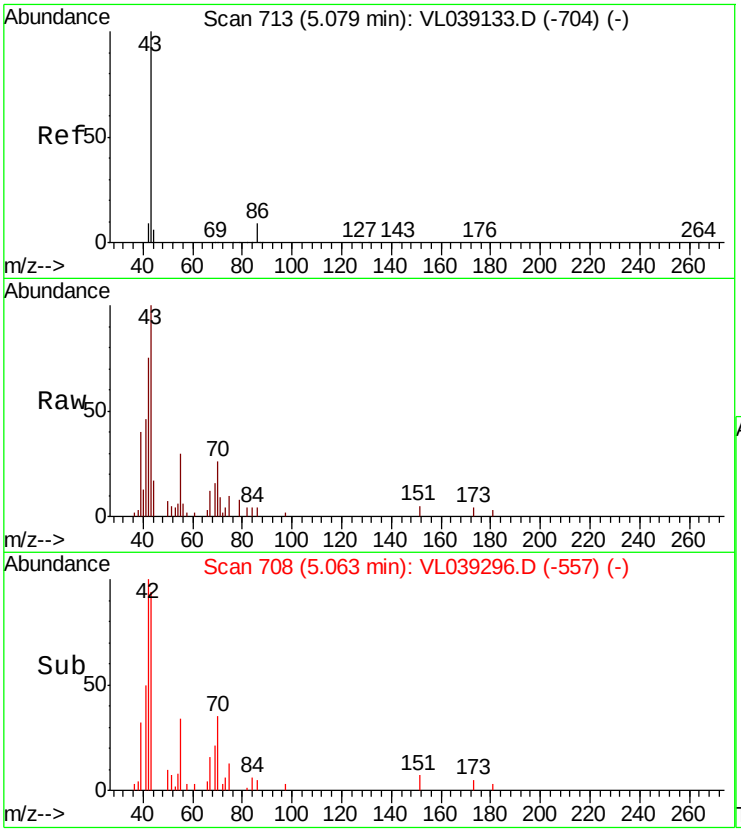


#21
Allyl Chloride
Concen: 0.032 ppbv
RT: 4.37 min Scan# 491
Delta R.T. -0.05 min
Lab File: VL039296.D
Acq: 15 Jun 2022 12:29

Tgt Ion: 41 Resp: 2828

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.2	36.2#
39	264.3	62.2	93.2#



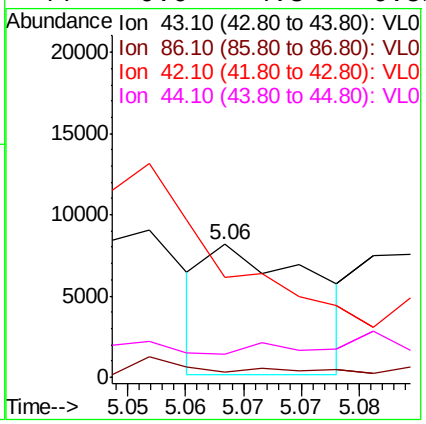


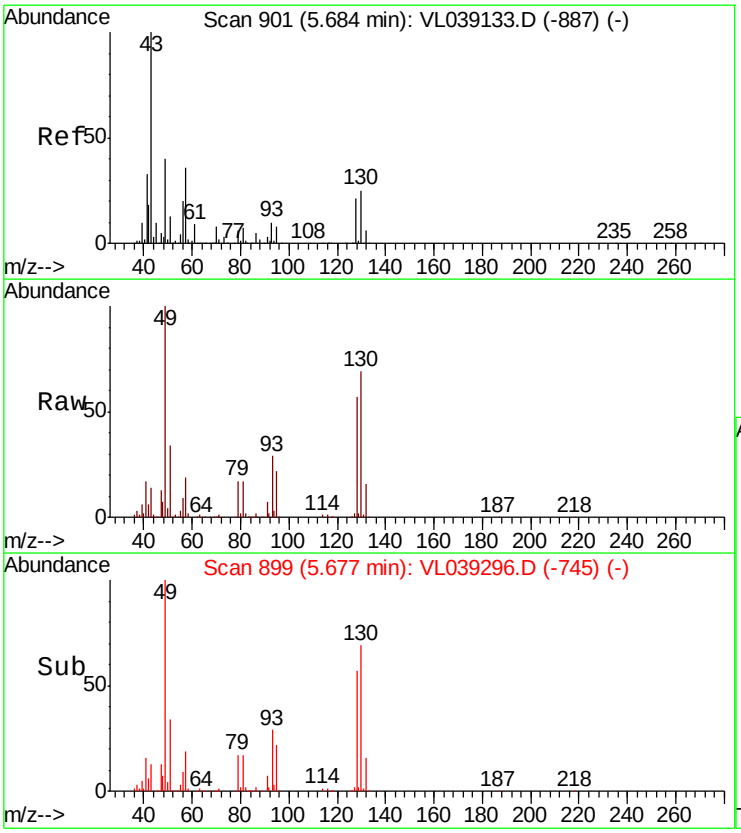
#23
Vinyl Acetate
Concen: 0.048 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 15 Jun 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 43 Resp: 5172

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.0	9.0#
42	73.2	8.2	12.4#
44	0.0	4.3	6.5#

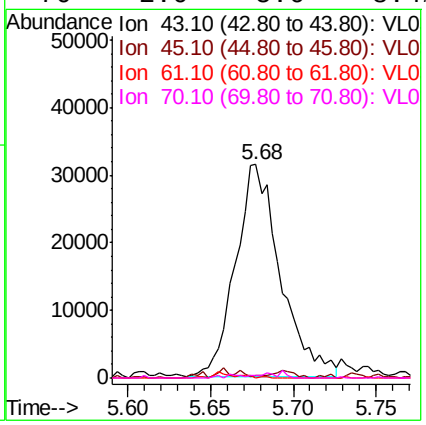


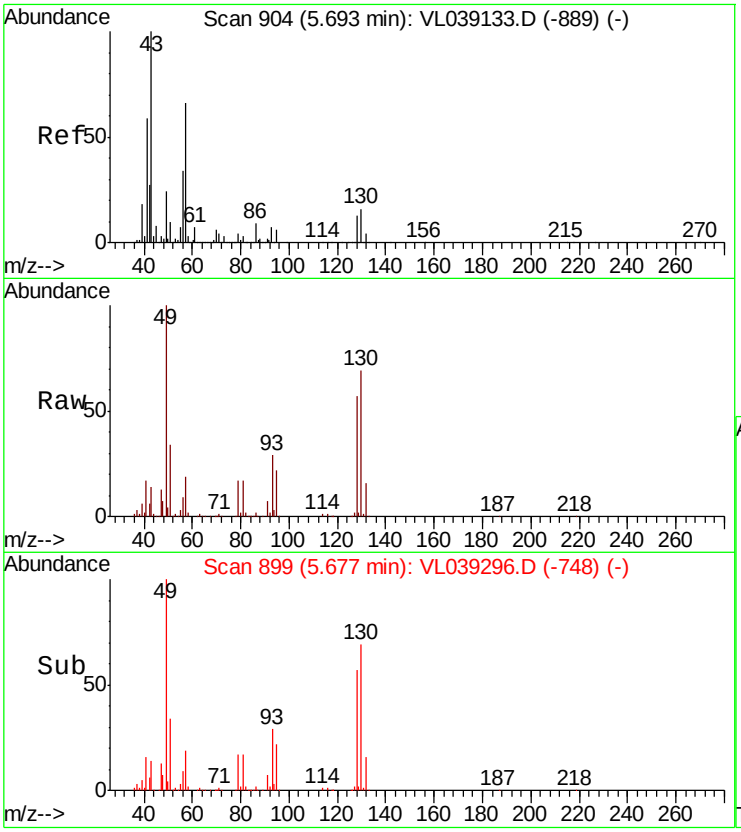


#25
Ethyl Acetate
Concen: 0.200 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL039296.D
Acq: 15 Jun 2022 12:29

Tgt Ion: 43 Resp: 59177

Ion	Ratio	Lower	Upper
43	100		
45	4.8	8.2	12.2#
61	1.4	8.4	12.6#
70	2.0	5.6	8.4#



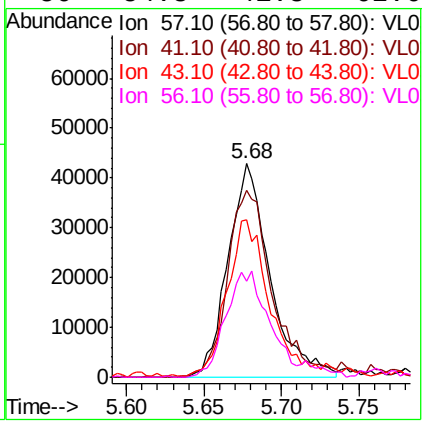


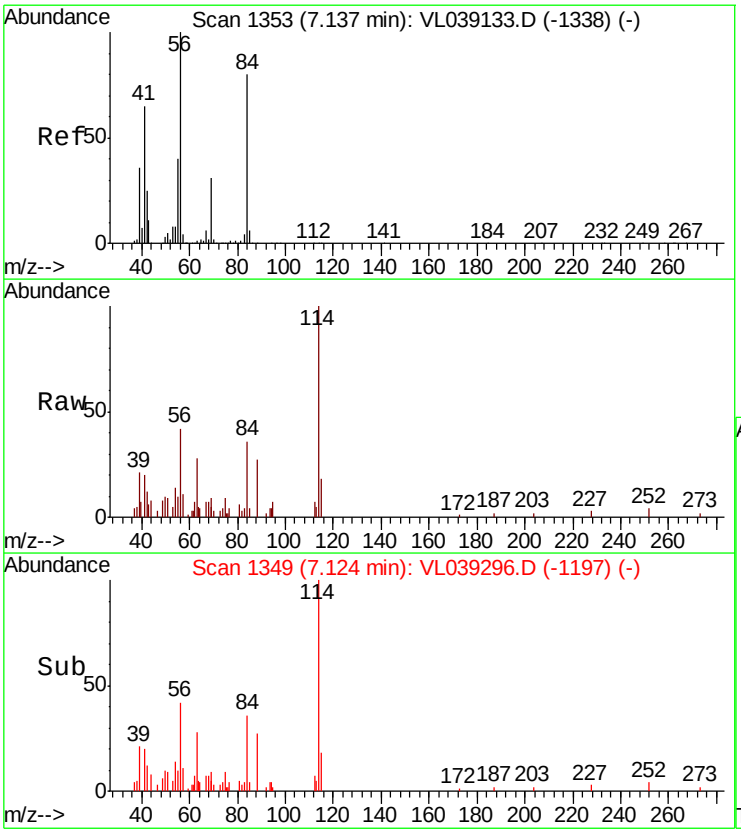
#26
Hexane
Concen: 0.621 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 15 Jun 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 57 Resp: 80900

Ion	Ratio	Lower	Upper
57	100		
41	98.2	72.4	108.6
43	74.8	187.0	280.6#
56	54.8	41.8	62.6

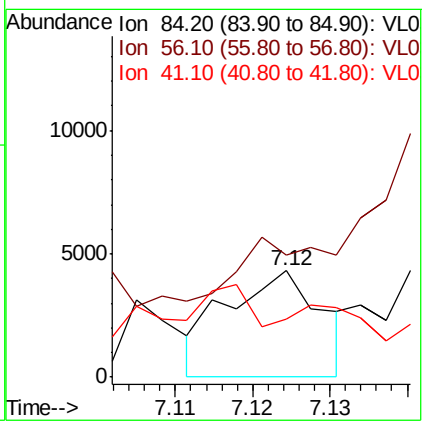


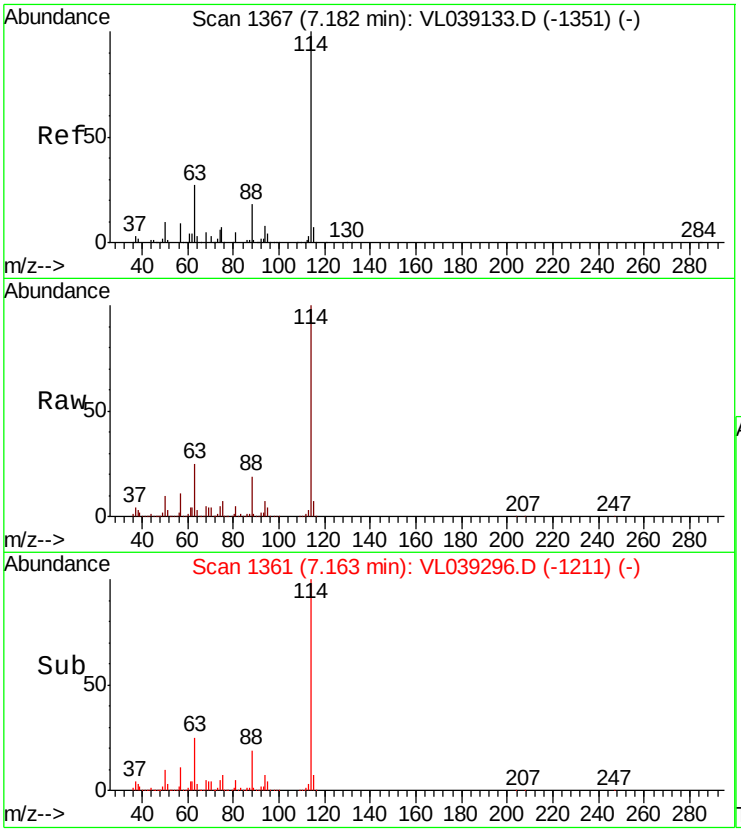


#30
Cyclohexane
Concen: 0.034 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VL039296.D
Acq: 15 Jun 2022 12:29

Tgt Ion: 84 Resp: 3709

Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.6	165.8#
41	223.0	68.9	103.3#



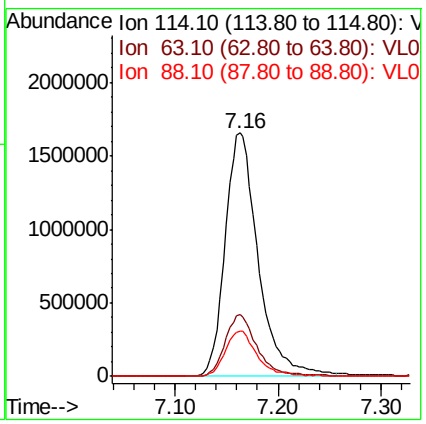


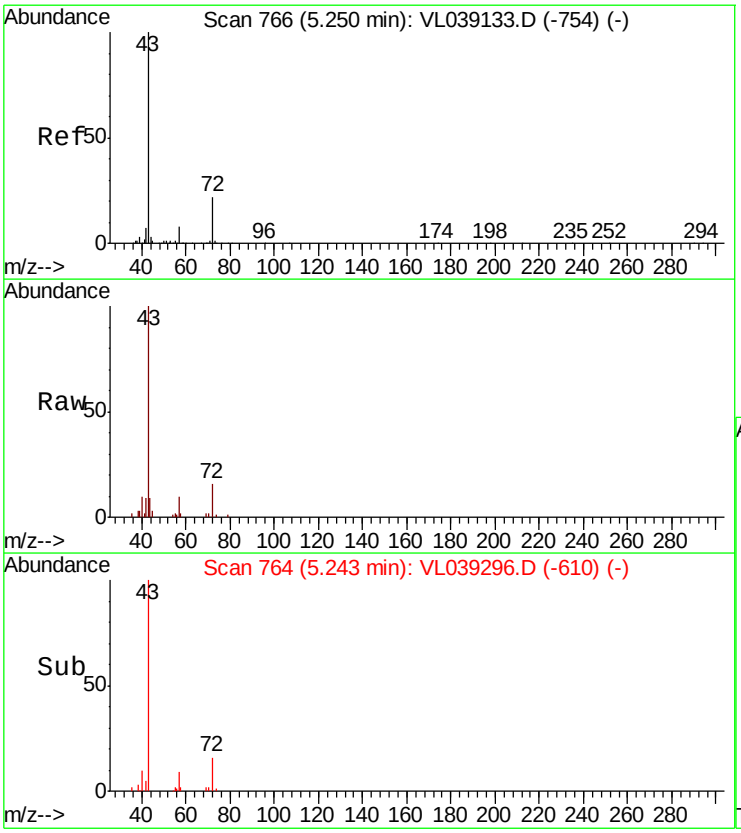
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 15 Jun 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion:114 Resp: 3697620

Ion	Ratio	Lower	Upper
114	100		
63	25.0	21.7	32.5
88	18.4	14.8	22.2

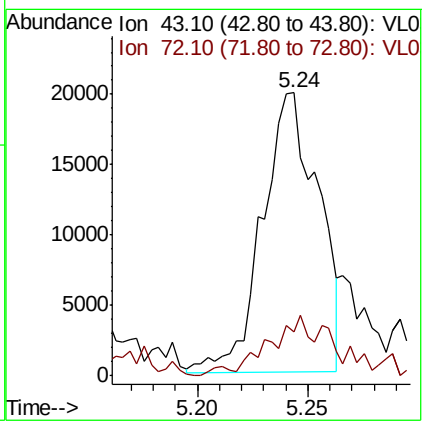


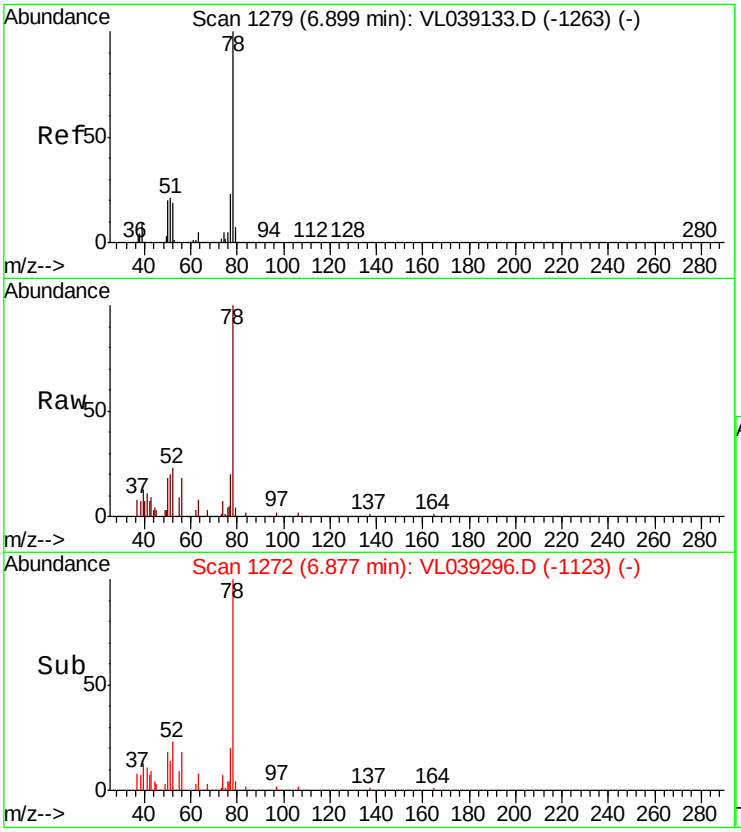


#34
2-Butanone
Concen: 0.173 ppbv
RT: 5.24 min Scan# 764
Delta R.T. -0.01 min
Lab File: VL039296.D
Acq: 15 Jun 2022 12:29

Tgt Ion: 43 Resp: 34766

Ion	Ratio	Lower	Upper
43	100		
72	27.1	18.2	27.2



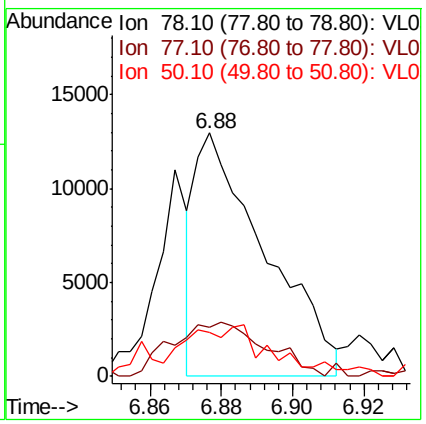


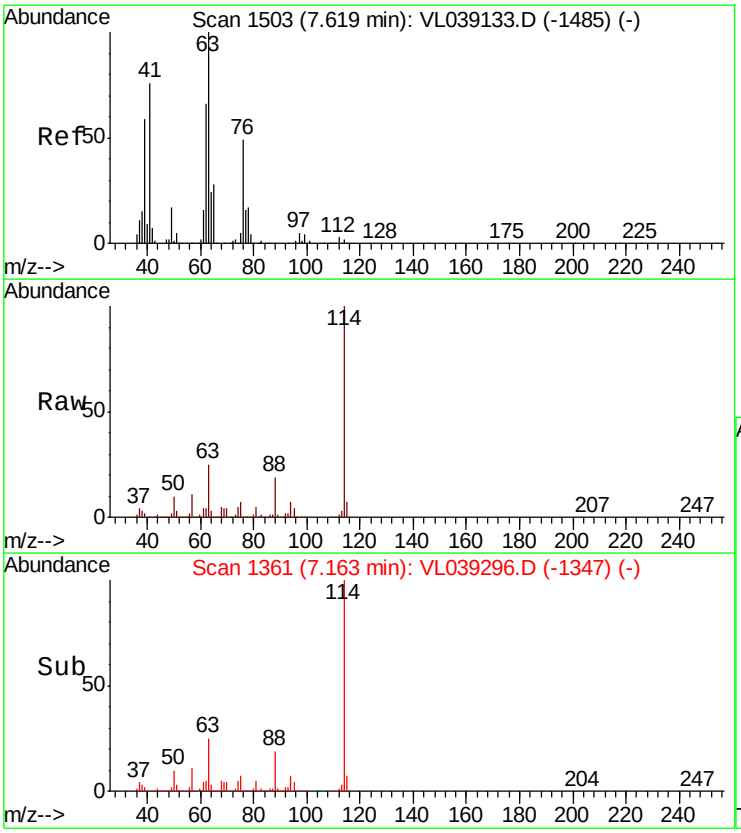
#36
Benzene
Concen: 0.058 ppbv
RT: 6.88
Delta R.T
Lab File:
Acq: 15 Jun 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 78 Resp: 17538

Ion	Ratio	Lower	Upper
78	100		
77	16.6	18.6	27.8#
50	17.2	15.8	23.8

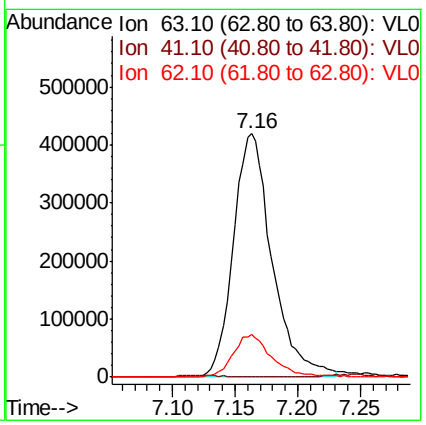


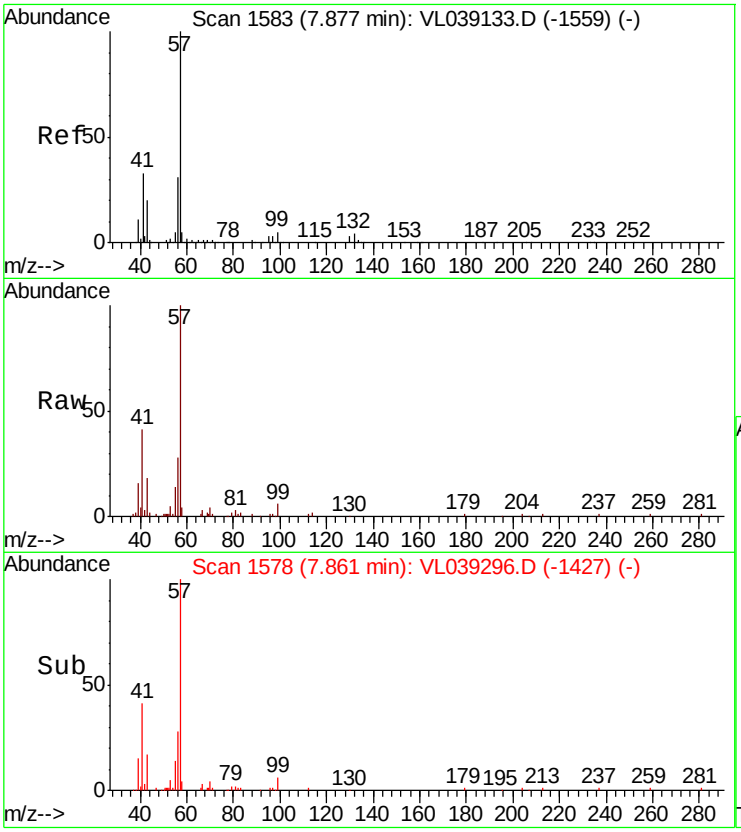


#39
1,2-Dichloropropane
Concen: 7.536 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.46 min
Lab File: VL039296.D
Acq: 15 Jun 2022 12:29

Tgt Ion: 63 Resp: 899889

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	17.8	52.9	79.3#



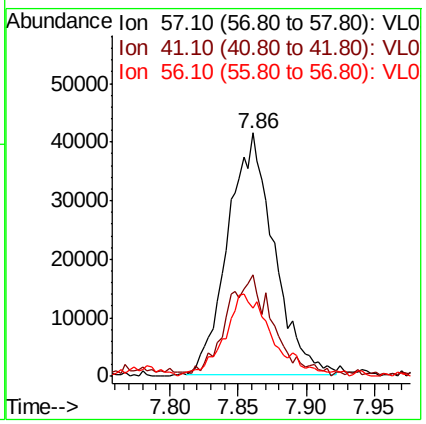


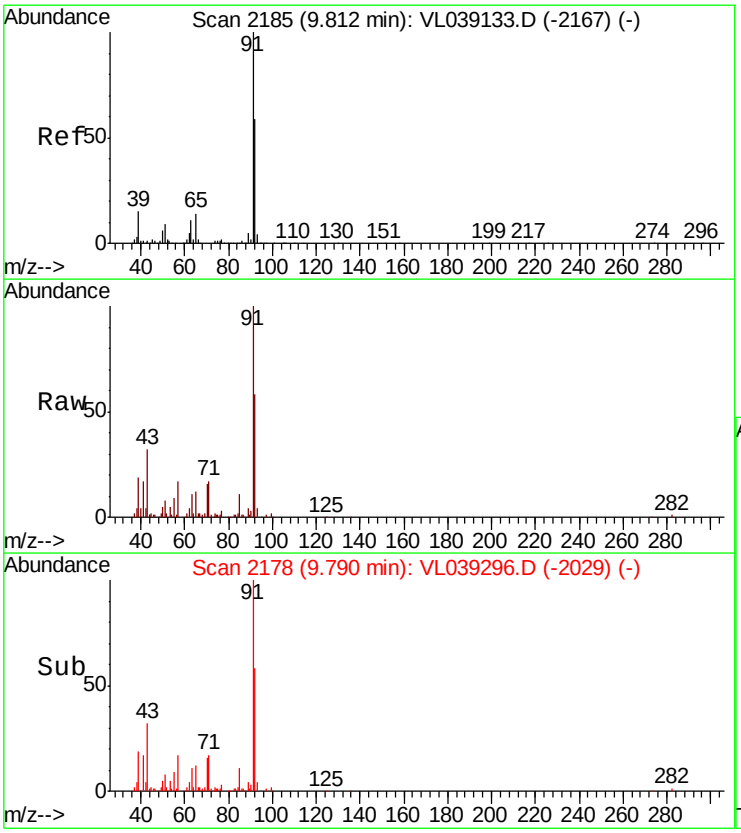
#44
2,2,4-Trimethylpentane
Concen: 0.185 ppbv
RT: 7.86
Delta R.T
Lab File:
Acq: 15 Jun 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 57 Resp: 97201

Ion	Ratio	Lower	Upper
57	100		
41	43.1	26.2	39.4#
56	36.3	24.7	37.1

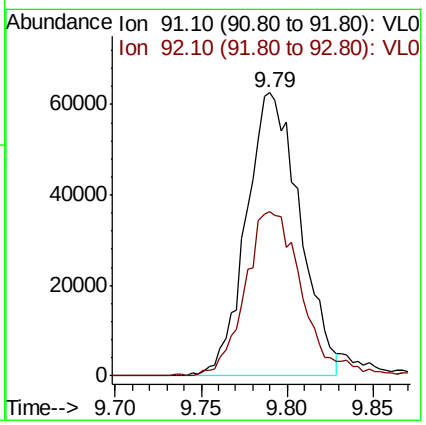


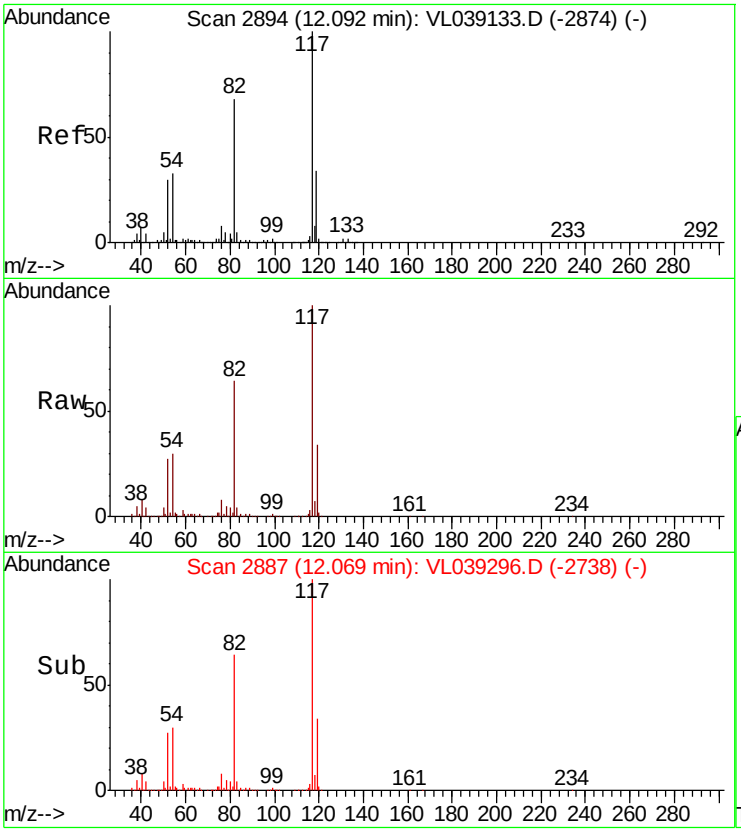


#53
Toluene
Concen: 0.392 ppbv
RT: 9.79 min Scan# 2178
Delta R.T. -0.02 min
Lab File: VL039296.D
Acq: 15 Jun 2022 12:29

Tgt Ion: 91 Resp: 135437

Ion	Ratio	Lower	Upper
91	100		
92	61.7	48.1	72.1



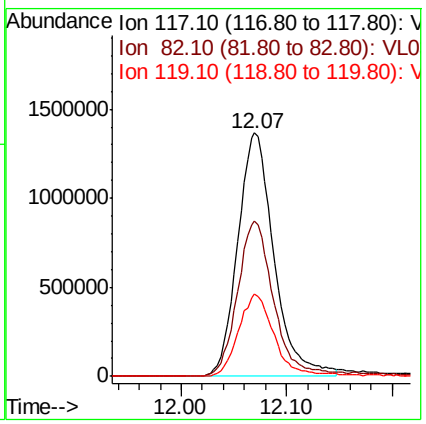


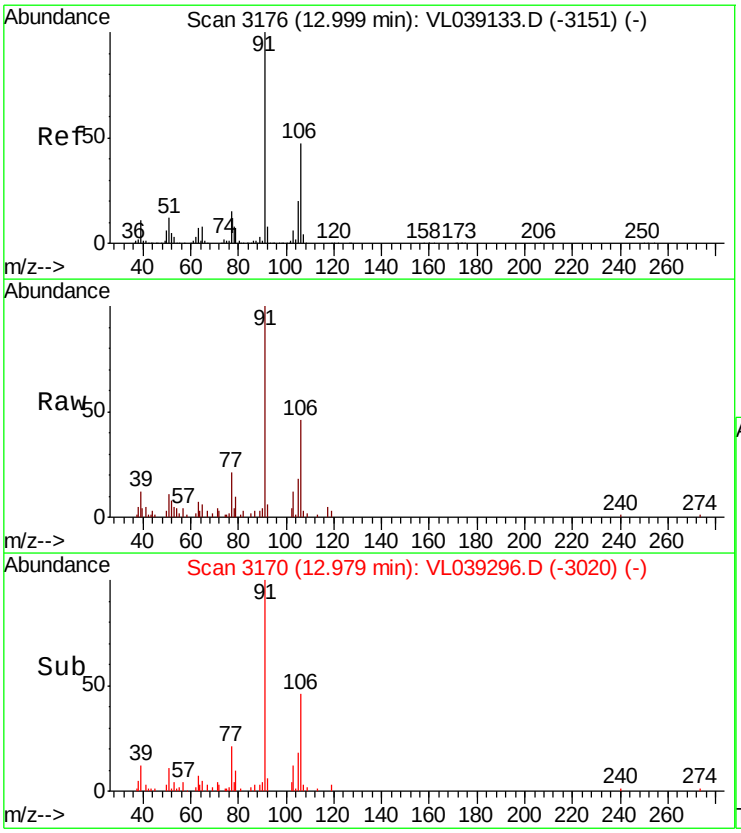
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 15 Jun 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion:117 Resp: 3260494

Ion	Ratio	Lower	Upper
117	100		
82	66.2	55.1	82.7
119	34.2	24.7	37.1

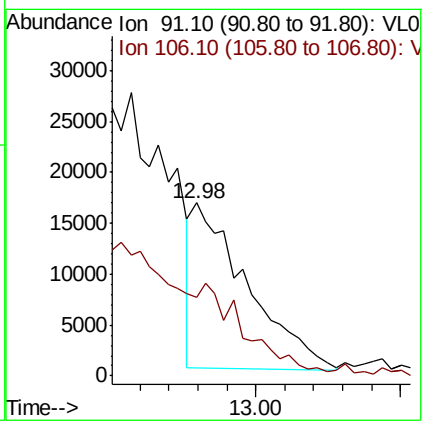


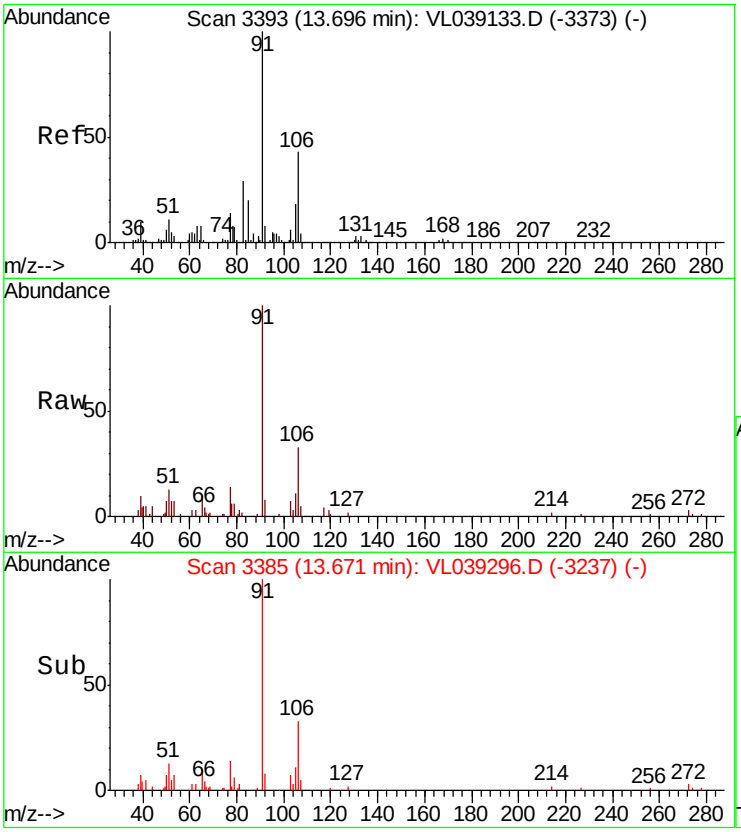


#59
m/p-Xylene
Concen: 0.053 ppbv
RT: 12.98 min Scan# 3170
Delta R.T. -0.02 min
Lab File: VL039296.D
Acq: 15 Jun 2022 12:29

Tgt Ion: 91 Resp: 21081

Ion	Ratio	Lower	Upper
91	100		
106	0.0	34.3	51.5#



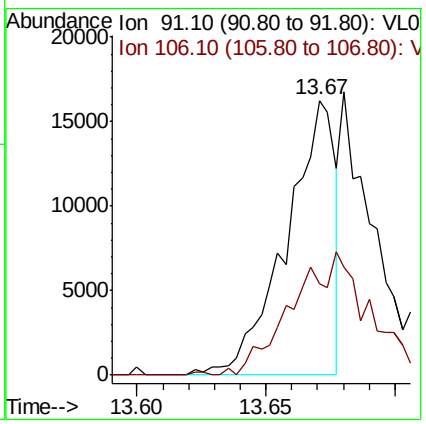


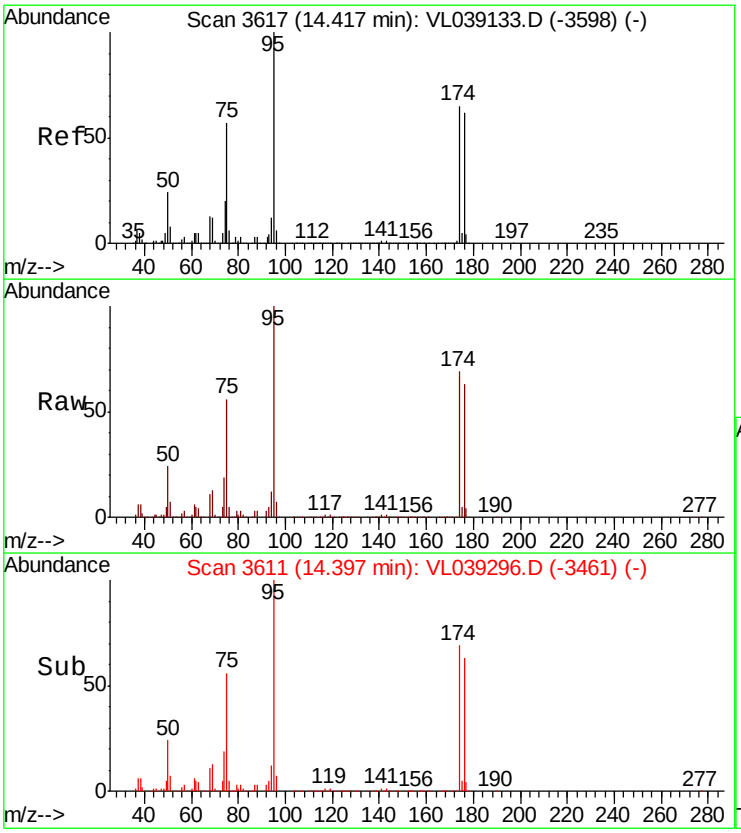
#60
o-Xylene
Concen: 0.058 ppbv
RT: 13.67
Delta R.T
Lab File:
Acq: 15 Jun 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 91 Resp: 21387

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.3	66.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.279 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.02 min
Lab File: VL039296.D
Acq: 15 Jun 2022 12:29

Tgt Ion: 95 Resp: 2501293

Ion	Ratio	Lower	Upper
95	100		
174	72.3	53.8	80.8
175	5.1	4.1	6.1