Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
Data File : VL038676.D
Acq On : 22 Mar 2022 8:03
Operator : SY/AP
Sample : N1964-15DLDUP 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
C0P85DLDUP

Quant Time: Mar 31 07:16:12 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	859099	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	2142770	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.06	117	1893476	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	1464904	10.09	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	6563	0.06	ppbv	#	86
3) Chlorodifluoromethane	2.99	51	3324	0.04	ppbv	#	91
9) Propene	3.02	41	5110	0.12	ppbv		98
13) Ethanol	3.60	45	4466	0.92	ppbv		76
15) Acetone	3.84	43	9879	0.13	ppbv	#	22
20) Methylene Chloride	4.33	84	25791	0.83	ppbv		96
26) Hexane	5.67	57	12962	0.16	ppbv	#	35
34) 2-Butanone	5.23	43	2864	0.03	ppbv	#	53
39) 1,2-Dichloropropane	7.15	63	515503	7.97	ppbv	#	28
52) Tetrachloroethene	11.20	164	42743	0.71	ppbv		90
53) Toluene	9.78	91	5575	0.03	ppbv	#	20

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

Quantitation Report (Not Reviewed)

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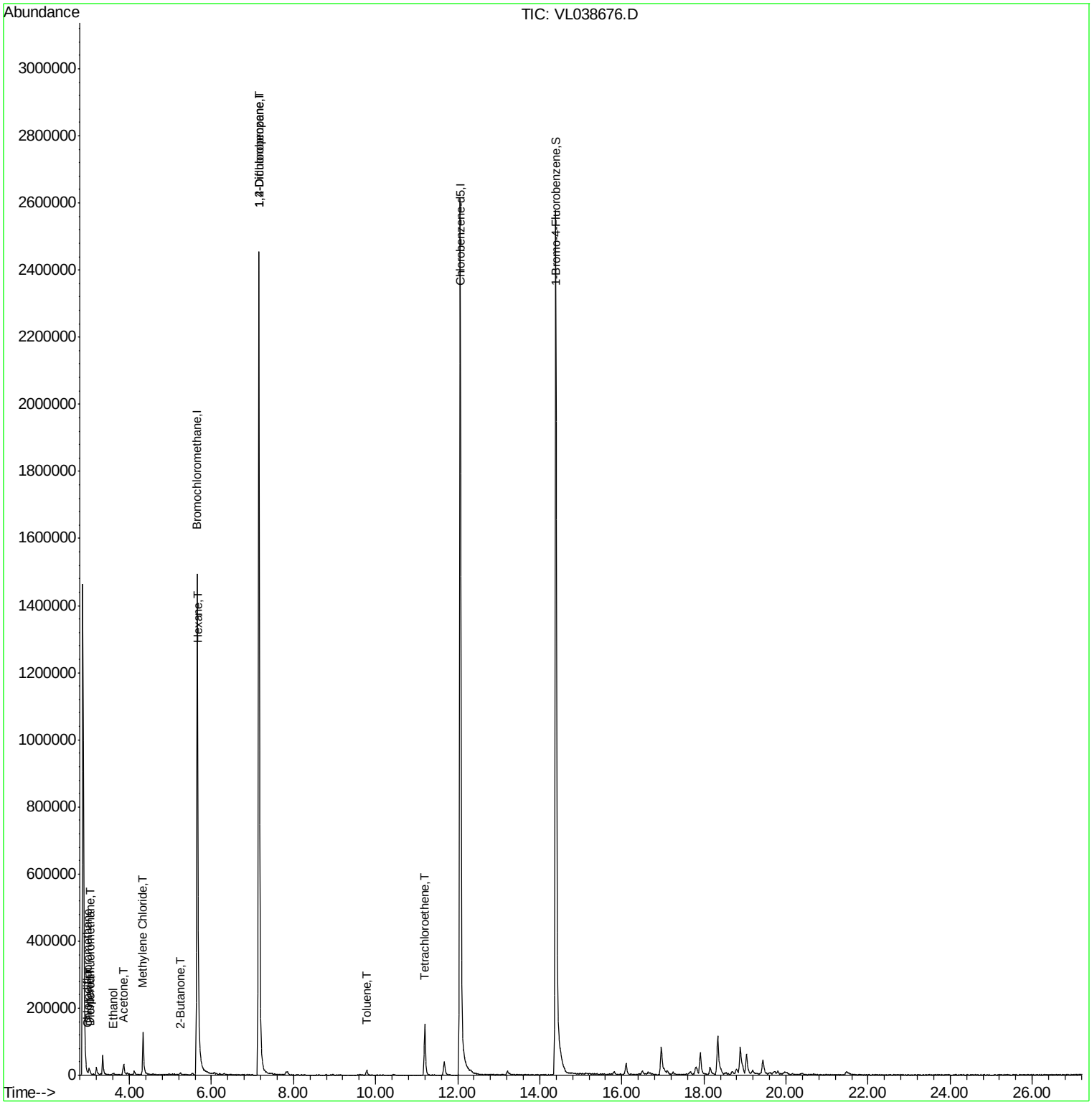
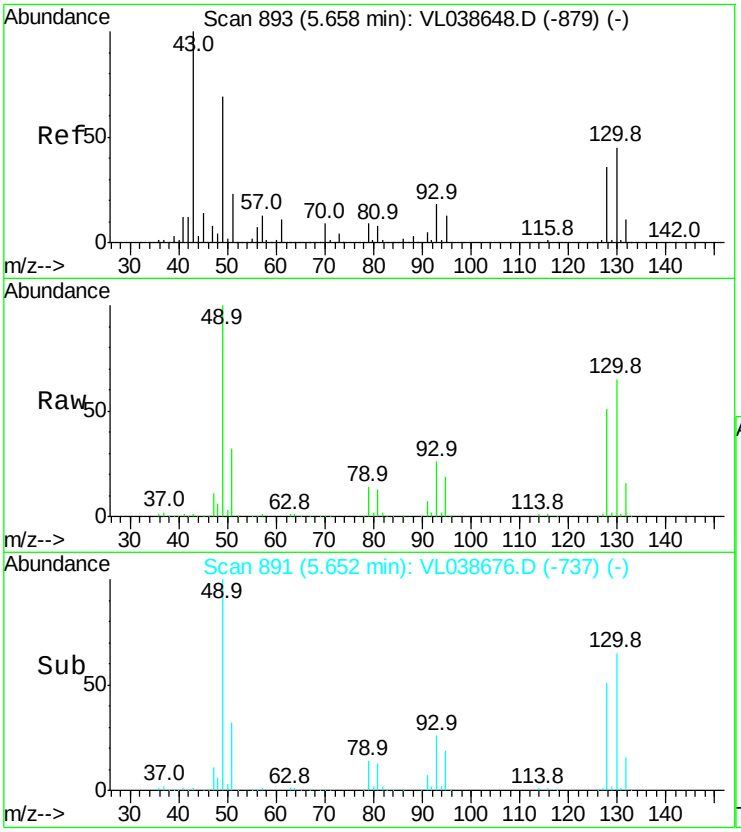


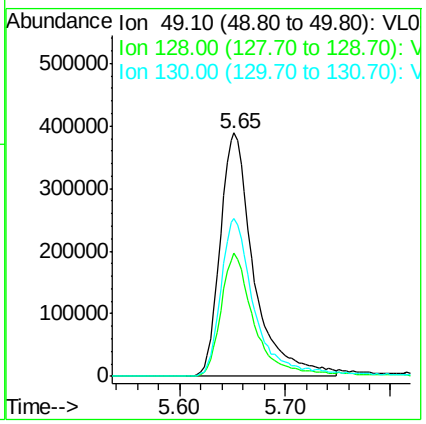


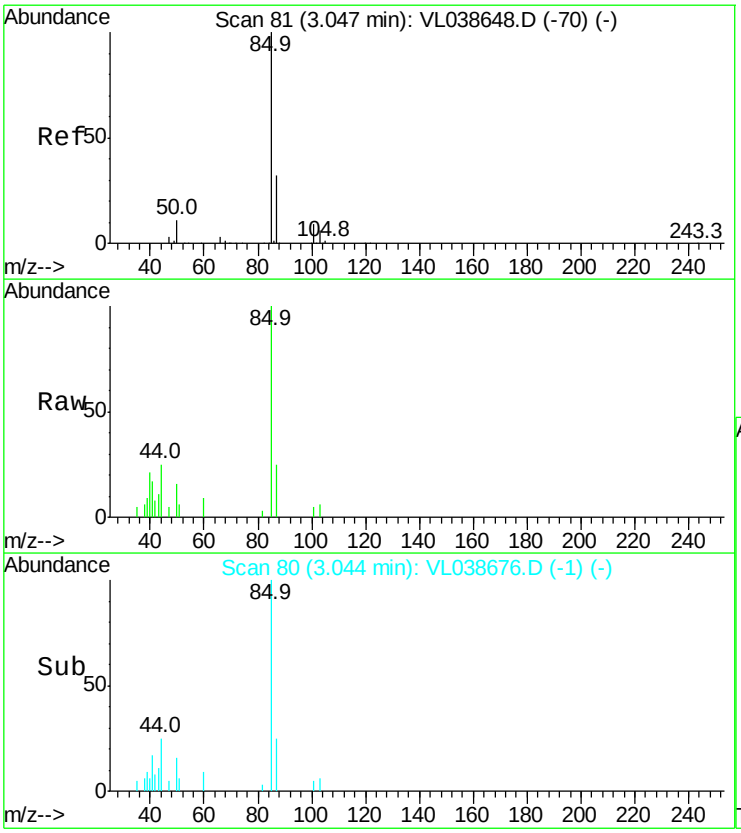
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 22 Mar 2022 8:03

Instrument :
MSVOA_L
ClientSampleId :
C0P85DLDUP

Tgt Ion: 49 Resp: 859099

Ion	Ratio	Lower	Upper
49	100		
128	51.8	26.2	78.6
130	67.0	33.7	101.1

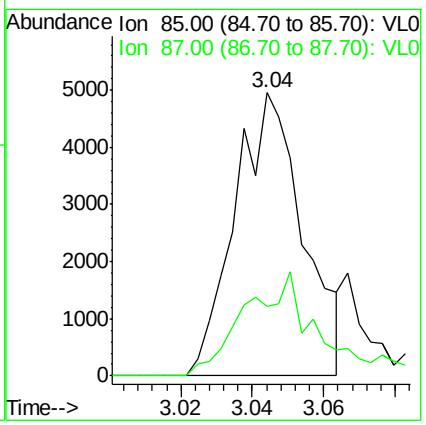


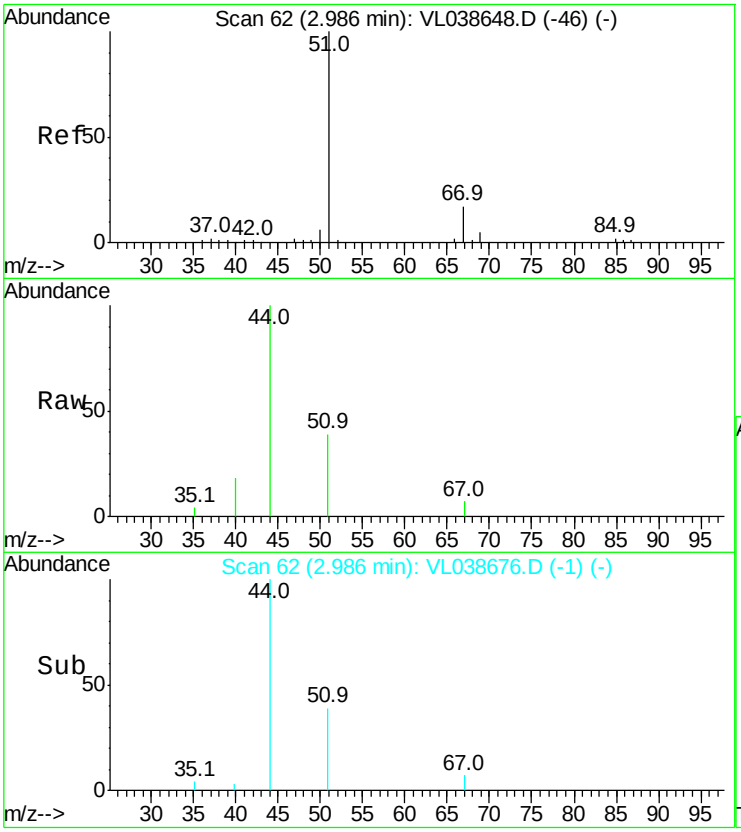


#2
Dichlorodifluoromethane
Concen: 0.06 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.00 min
Lab File: VL038676.D
Acq: 22 Mar 2022 8:03

Tgt Ion: 85 Resp: 6563

Ion	Ratio	Lower	Upper
85	100		
87	24.7	26.0	39.0#



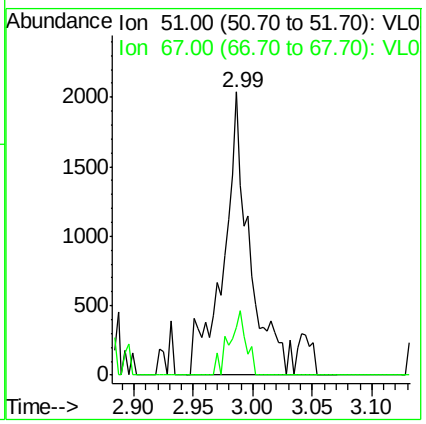


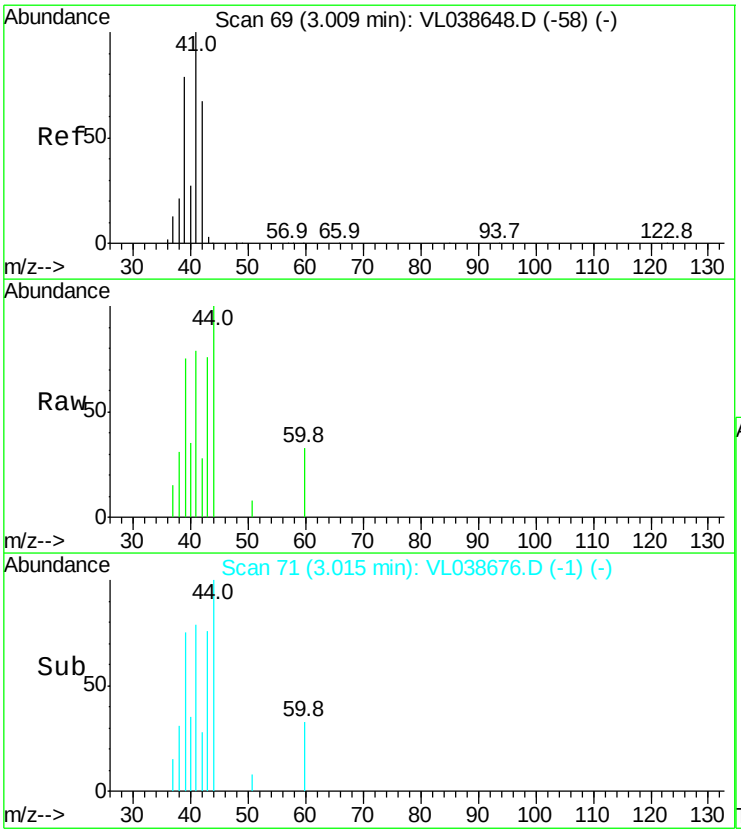
#3
Chlorodifluoromethane
Concen: 0.04 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 22 Mar 2022 8:03

Instrument :
MSVOA_L
ClientSampleId :
C0P85DLDUP

Tgt Ion: 51 Resp: 3324

Ion	Ratio	Lower	Upper
51	100		
67	13.7	14.1	21.1#

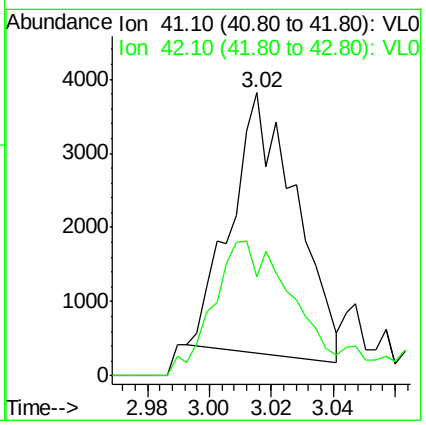


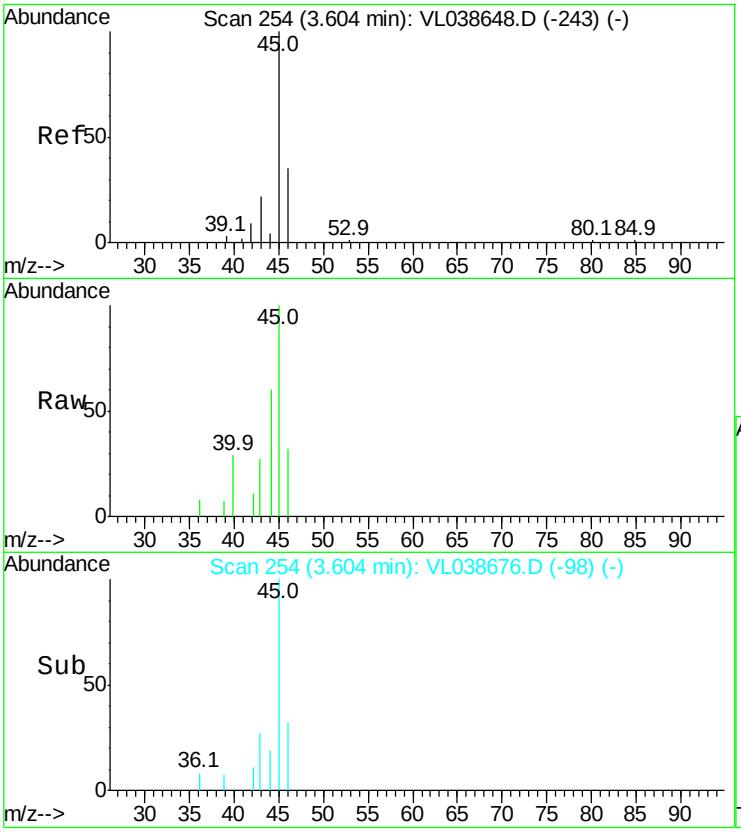


#9
Propene
Concen: 0.12 ppbv
RT: 3.02 min Scan# 71
Delta R.T. 0.01 min
Lab File: VL038676.D
Acq: 22 Mar 2022 8:03

Tgt Ion: 41 Resp: 5110

Ion	Ratio	Lower	Upper
41	100		
42	71.6	56.2	84.4



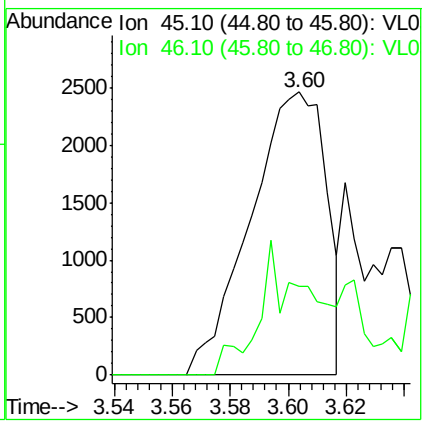


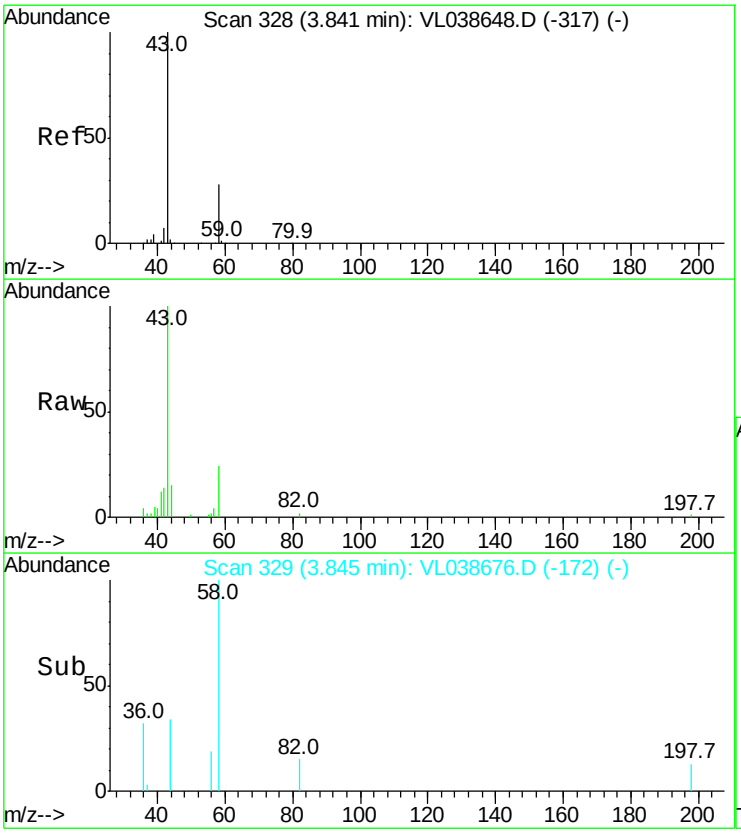
#13
Ethanol
Concen: 0.92 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 22 Mar 2022 8:03

Instrument :
MSVOA_L
ClientSampleId :
C0P85DLDUP

Tgt Ion: 45 Resp: 4466

Ion	Ratio	Lower	Upper
45	100		
46	52.5	15.1	60.5

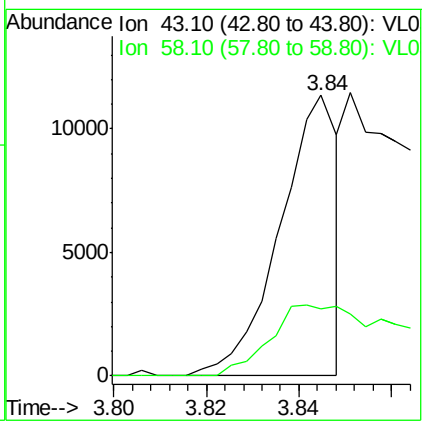


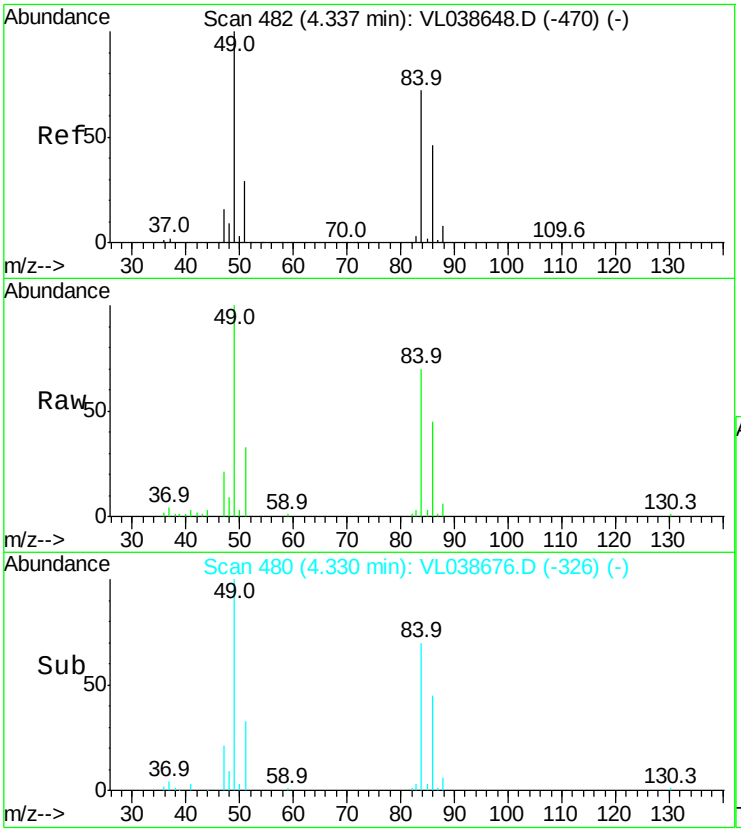


#15
Acetone
Concen: 0.13 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.00 min
Lab File: VL038676.D
Acq: 22 Mar 2022 8:03

Tgt Ion: 43 Resp: 9879

Ion	Ratio	Lower	Upper
43	100		
58	70.9	23.3	34.9#



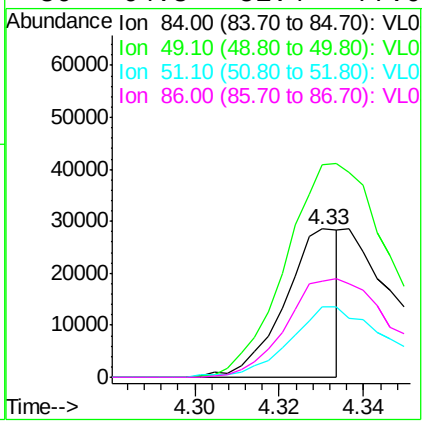


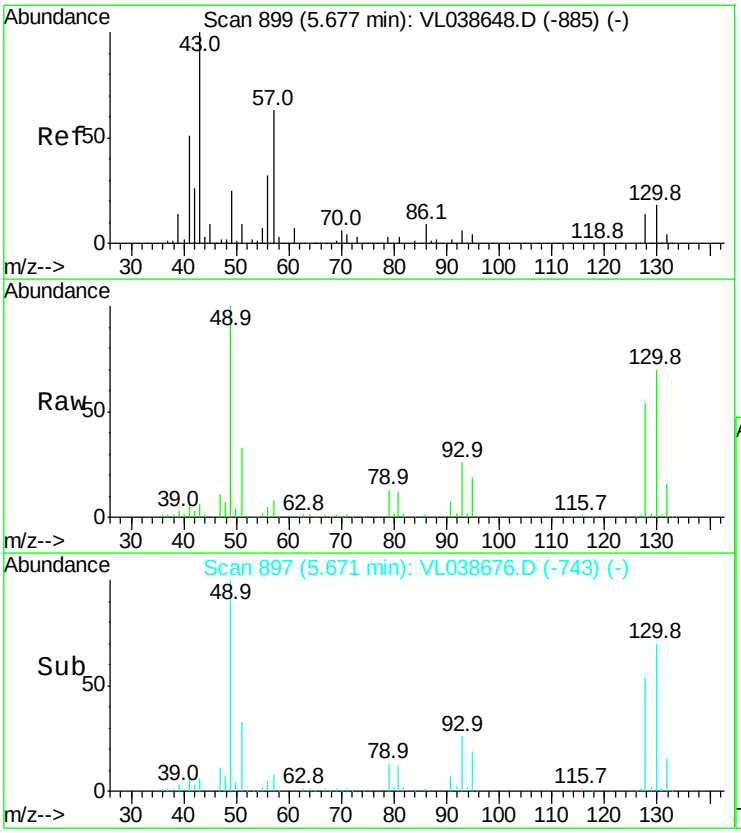
#20
Methylene Chloride
Concen: 0.83 ppbv
RT: 4.33
Delta R.T
Lab File:
Acq: 22 Mar 2022 8:03

Instrument :
MSVOA_L
ClientSampleId :
C0P85DLDUP

Tgt Ion: 84 Resp: 25791

Ion	Ratio	Lower	Upper
84	100		
49	143.0	111.2	166.8
51	47.7	32.8	49.2
86	64.8	51.4	77.0

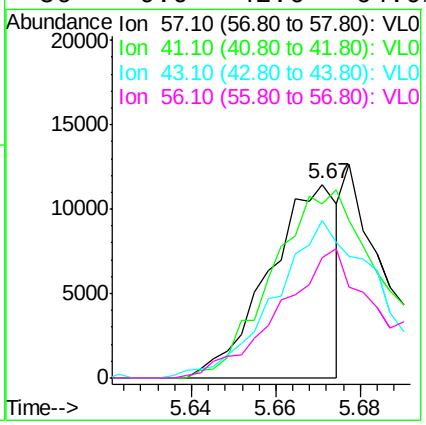


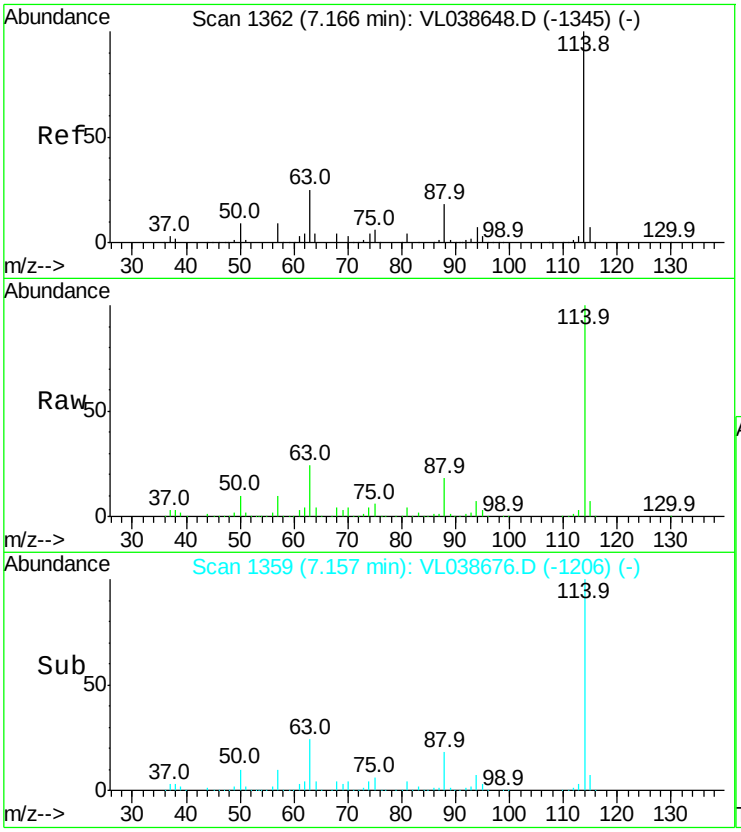


#26
Hexane
Concen: 0.16 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL038676.D
Acq: 22 Mar 2022 8:03

Tgt Ion: 57 Resp: 12962

Ion	Ratio	Lower	Upper
57	100		
41	0.0	67.0	100.4#
43	142.2	184.2	276.2#
56	0.0	42.6	64.0#



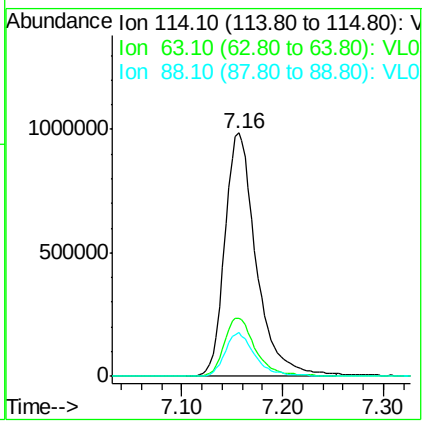


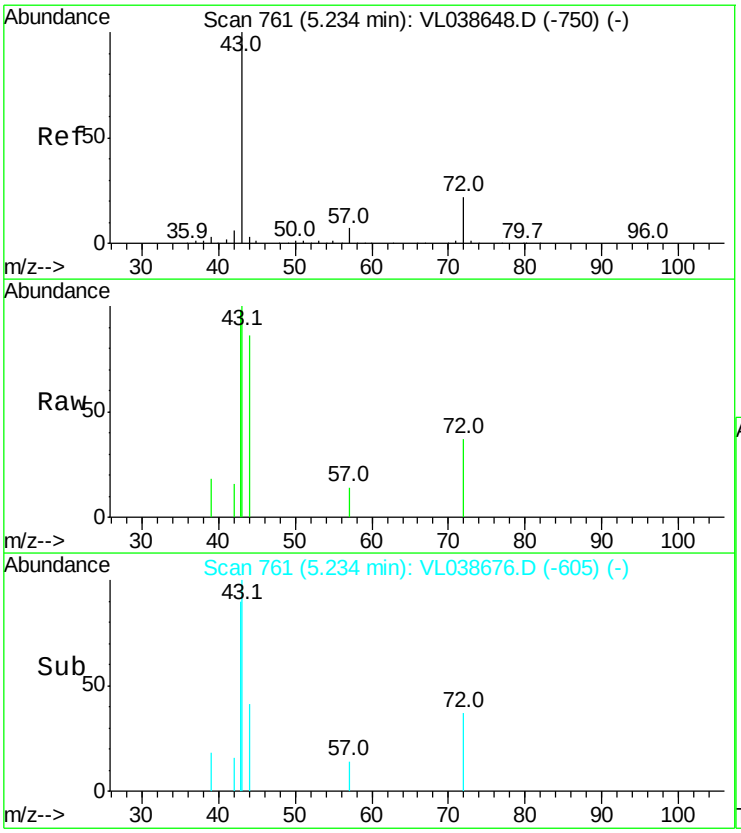
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 22 Mar 2022 8:03

Instrument :
MSVOA_L
ClientSampleId :
C0P85DLDUP

Tgt Ion:114 Resp: 2142770

Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.4	29.0
88	17.6	13.9	20.9

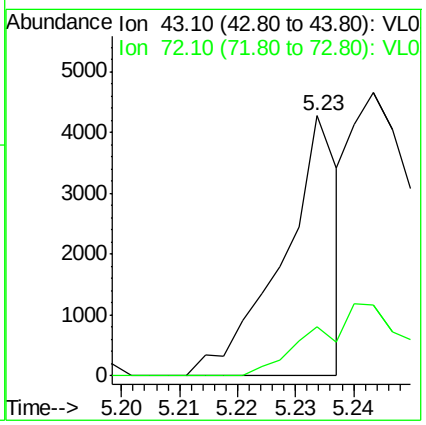


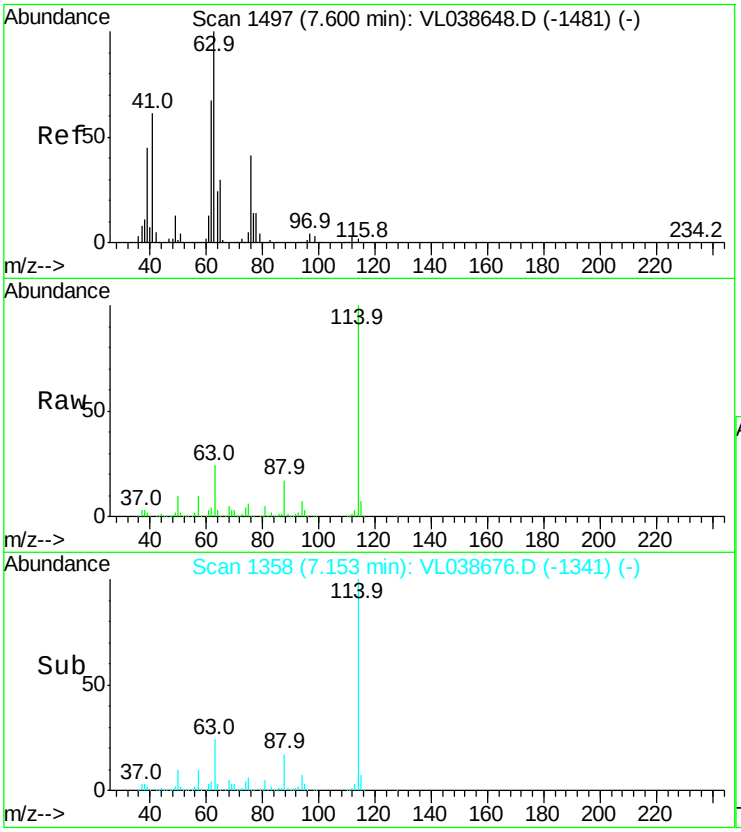


#34
2-Butanone
Concen: 0.03 ppbv
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VL038676.D
Acq: 22 Mar 2022 8:03

Tgt Ion: 43 Resp: 2864

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.8	26.8#



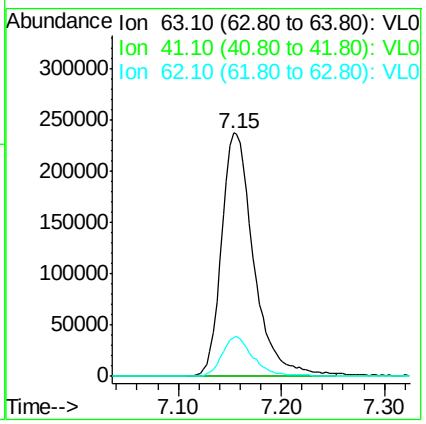


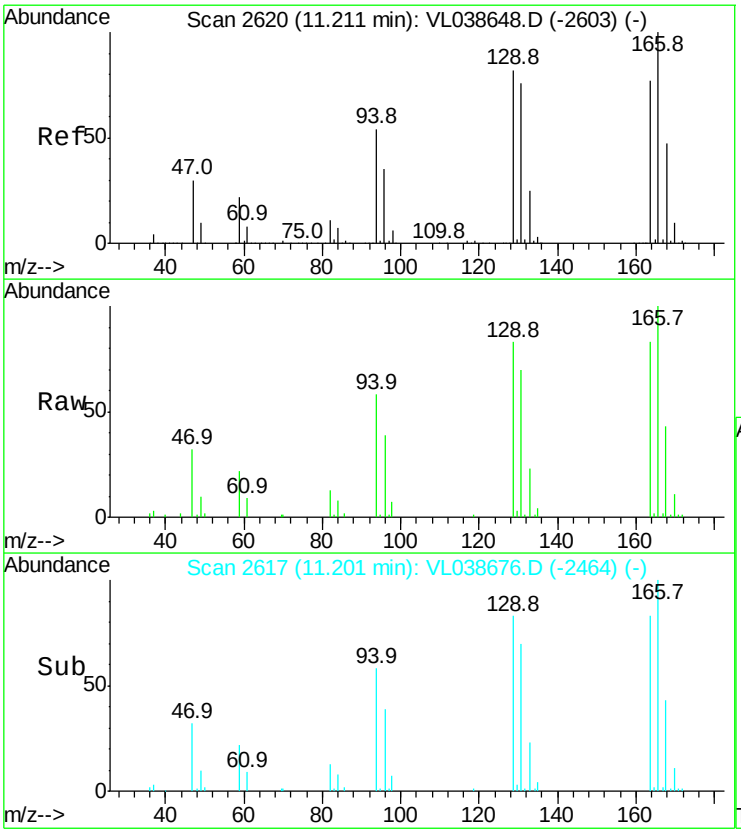
#39
1,2-Dichloropropane
Concen: 7.97 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 22 Mar 2022 8:03

Instrument :
MSVOA_L
ClientSampleId :
C0P85DLDUP

Tgt Ion: 63 Resp: 515503

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.0	73.6#
62	16.0	53.9	80.9#

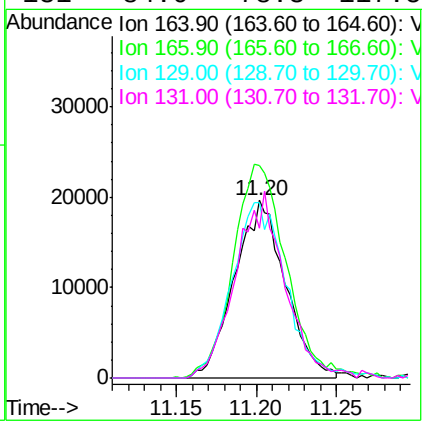


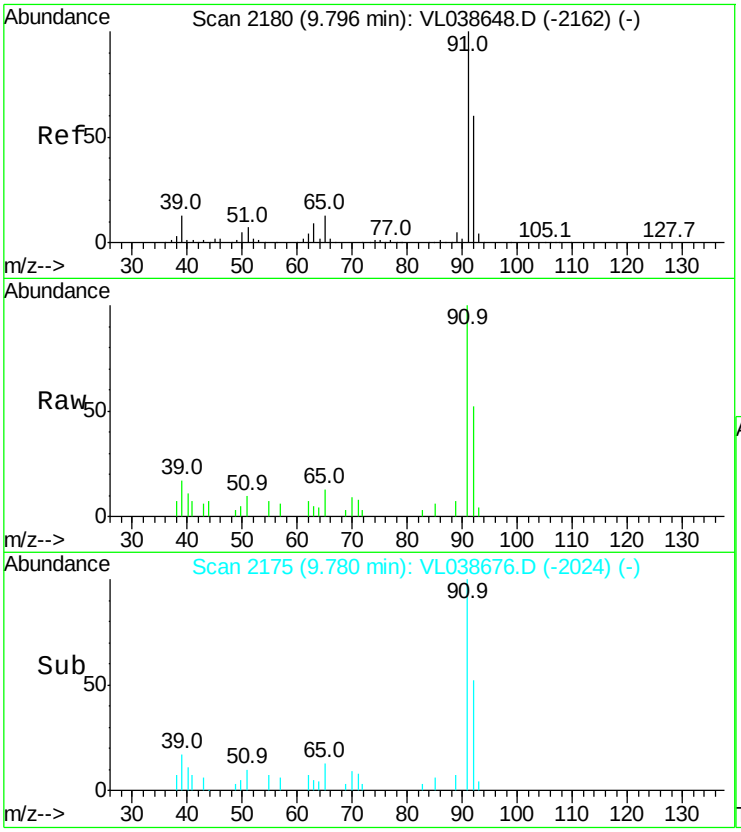


#52
Tetrachloroethene
Concen: 0.71 ppbv
RT: 11.20 min Scan# 2617
Delta R.T. -0.01 min
Lab File: VL038676.D
Acq: 22 Mar 2022 8:03

Tgt Ion:164 Resp: 42743

Ion	Ratio	Lower	Upper
164	100		
166	119.1	103.3	154.9
129	99.0	85.2	127.8
131	84.0	78.3	117.5



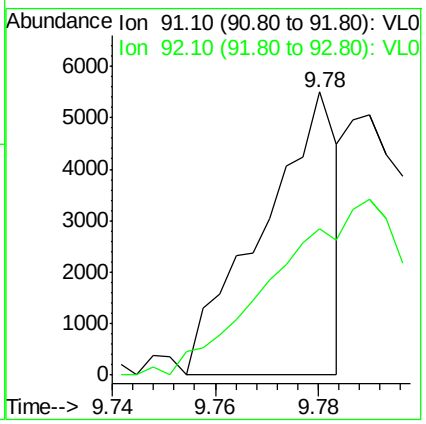


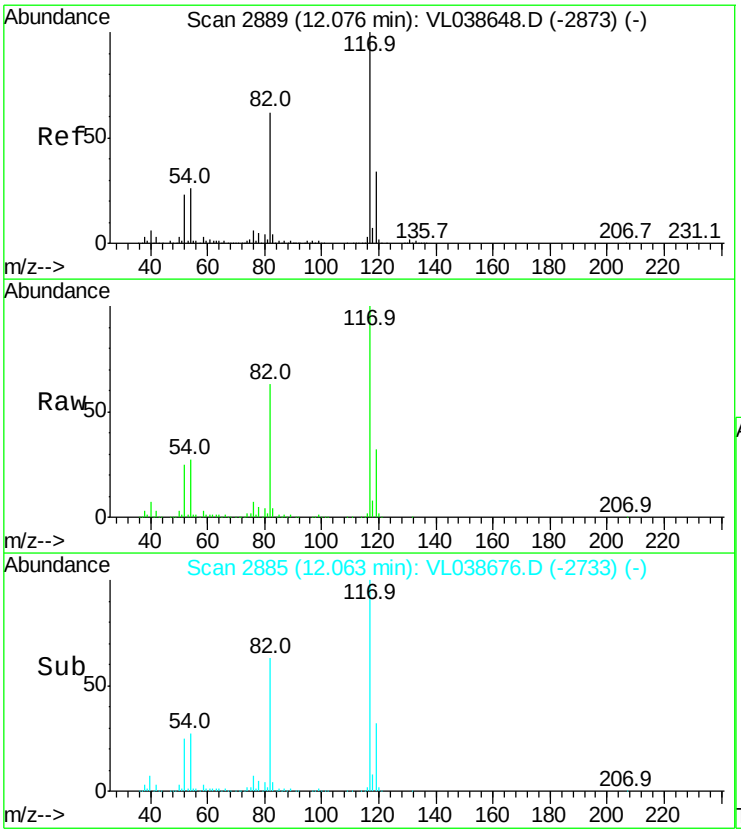
#53
Toluene
Concen: 0.03 ppbv
RT: 9.78
Delta R.T
Lab File:
Acq: 22 Mar 2022 8:03

Instrument :
MSVOA_L
ClientSampleId :
C0P85DLDUP

Tgt Ion: 91 Resp: 5575

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.7	73.1#

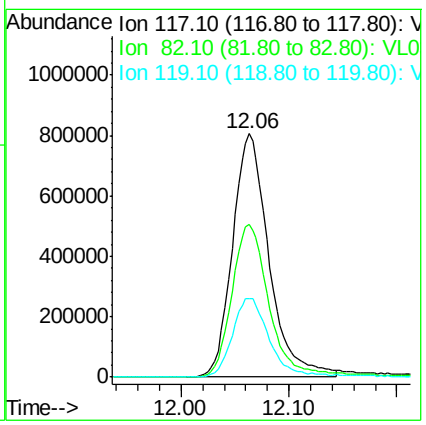


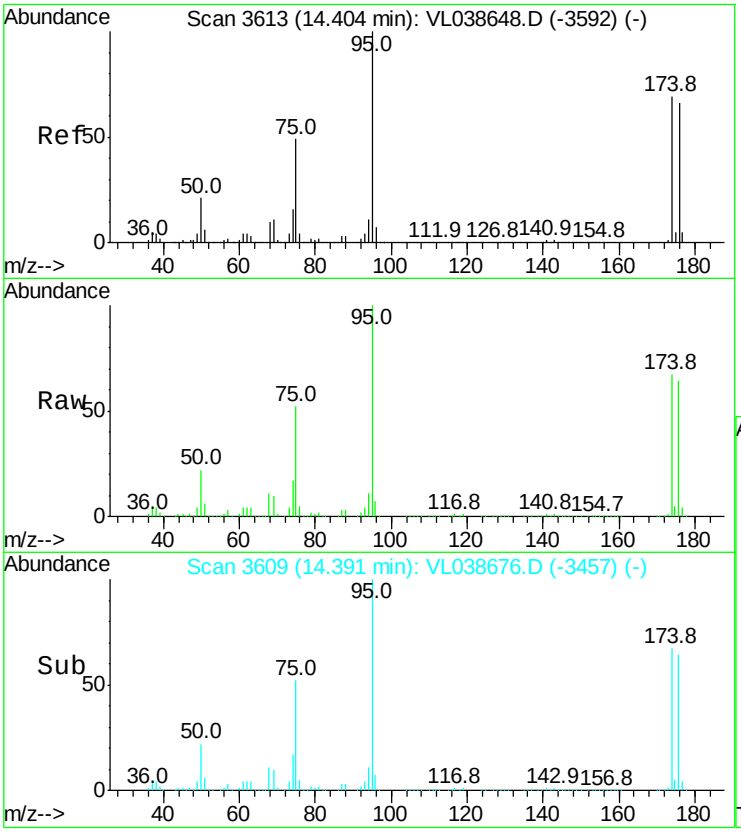


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.01 min
Lab File: VL038676.D
Acq: 22 Mar 2022 8:03

Tgt Ion:117 Resp: 1893476

Ion	Ratio	Lower	Upper
117	100		
82	67.0	51.6	77.4
119	33.9	26.9	40.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.09 ppbv
RT: 14.39
Delta R.T
Lab File:
Acq: 22 Mar 2022 8:03

Instrument :
MSVOA_L
ClientSampleId :
C0P85DLDUP

Tgt Ion: 95 Resp: 1464904

Ion	Ratio	Lower	Upper
95	100		
174	69.3	56.1	84.1
175	5.1	4.2	6.2