Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
Data File : VL038597.D
Acq On : 14 Mar 2022 15:37
Operator : SY/AP
Sample : N1885-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Quant Time: Mar 15 01:37:49 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.64	49	874223	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.15	114	2280372	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.05	117	1994868	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.38	95	1469867	9.69	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	5845	0.04	ppbv	#	75
3) Chlorodifluoromethane	2.98	51	6673	0.04	ppbv	#	76
9) Propene	3.01	41	61264	1.13	ppbv	#	81
10) Heptane	8.10	43	24234	0.19	ppbv		88
13) Ethanol	3.60	45	22412	3.59	ppbv		92
15) Acetone	3.84	43	313415	5.08	ppbv		93
16) 1,3-Butadiene	3.31	39	1701	0.03	ppbv	#	30
20) Methylene Chloride	4.32	84	276794	7.46	ppbv		99
21) Allyl Chloride	4.33	41	9654	0.16	ppbv	#	35
23) Vinyl Acetate	5.04	43	5437	0.06	ppbv	#	1
25) Ethyl Acetate	5.66	43	90995	0.44	ppbv	#	77
26) Hexane	5.66	57	133995	1.37	ppbv	#	44
27) Carbon Disulfide	4.53	76	18335	0.19	ppbv	#	87
30) Cyclohexane	7.10	84	6474	0.08	ppbv	#	17
34) 2-Butanone	5.24	43	12042	0.20	ppbv	#	26
36) Benzene	6.86	78	7005	0.03	ppbv		98
39) 1,2-Dichloropropane	7.15	63	518045	6.55	ppbv	#	27
41) Tetrahydrofuran	5.66	42	48972	1.01	ppbv	#	51
53) Toluene	9.77	91	17725	0.08	ppbv	#	45
60) o-Xylene	13.65	91	20307	0.10	ppbv		96
74) 1,2,4-Trimethylbenzene	16.72	105	8261	0.03	ppbv	#	75

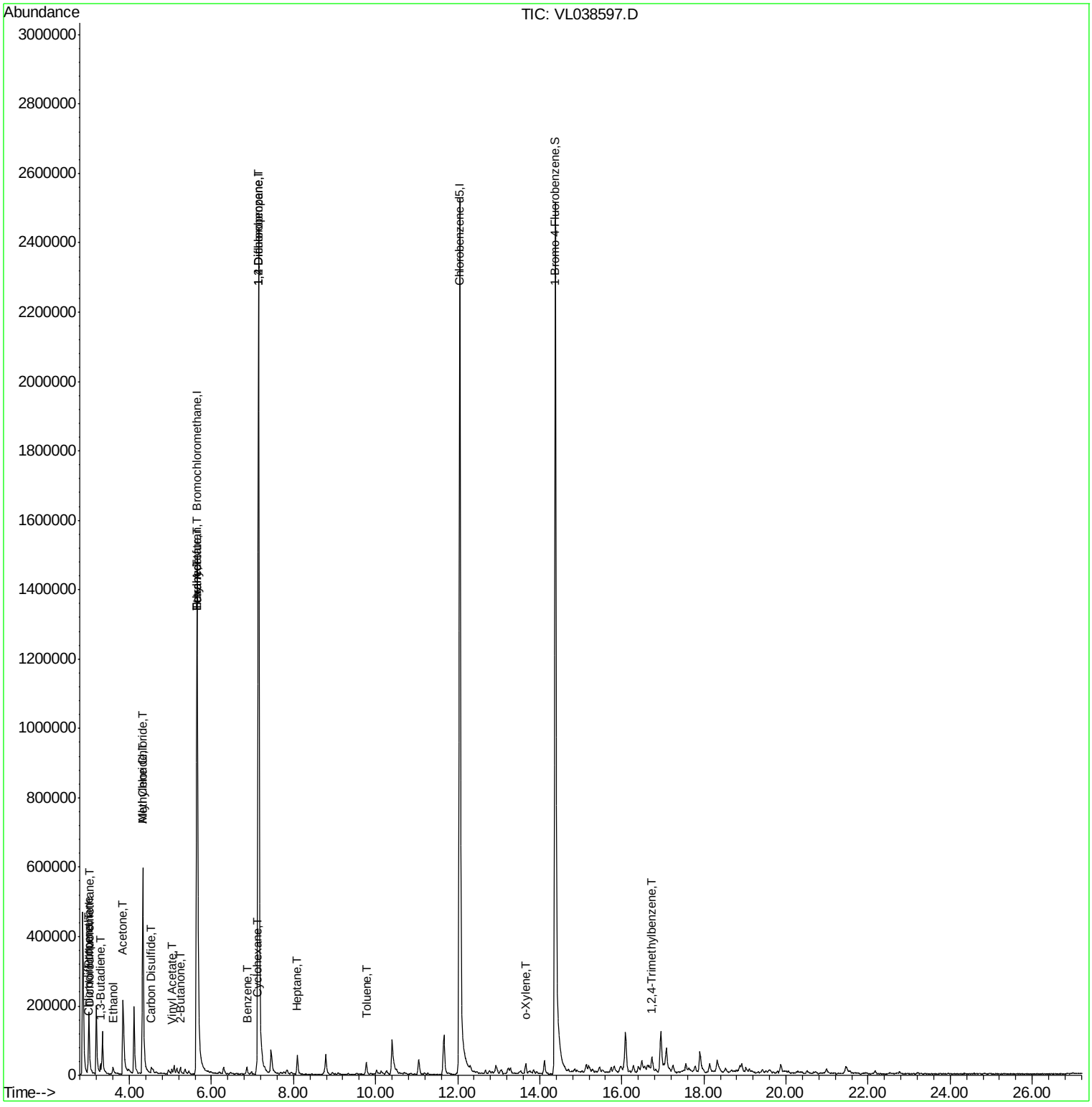
(#) = qualifier out of range (m) = manual integration (+) = signals summed

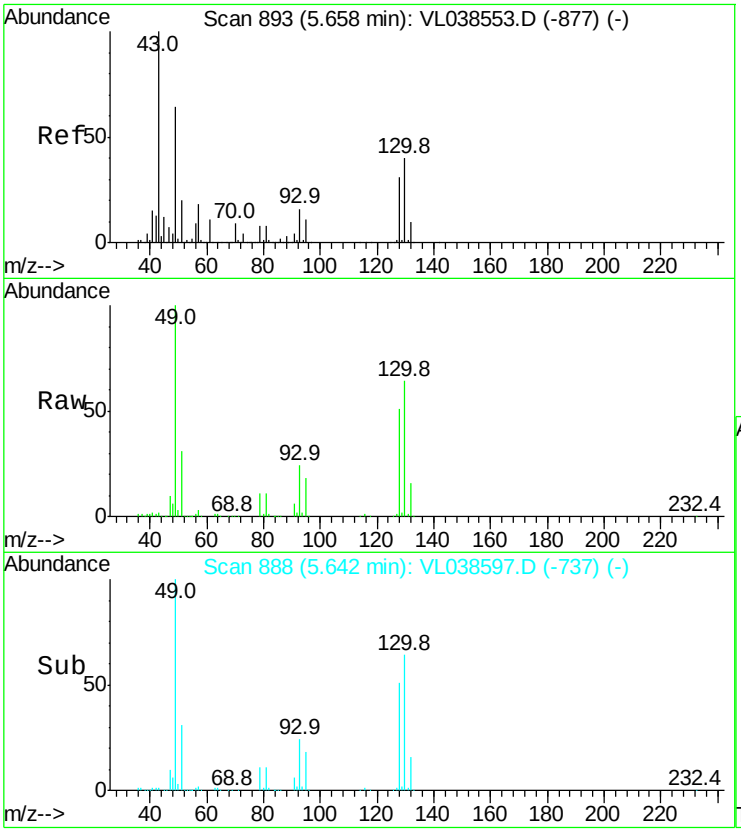
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
Data File : VL038597.D
Acq On : 14 Mar 2022 15:37
Operator : SY/AP
Sample : N1885-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Quant Time: Mar 15 01:37:49 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration



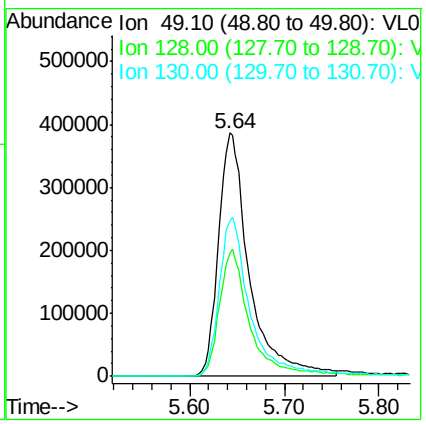


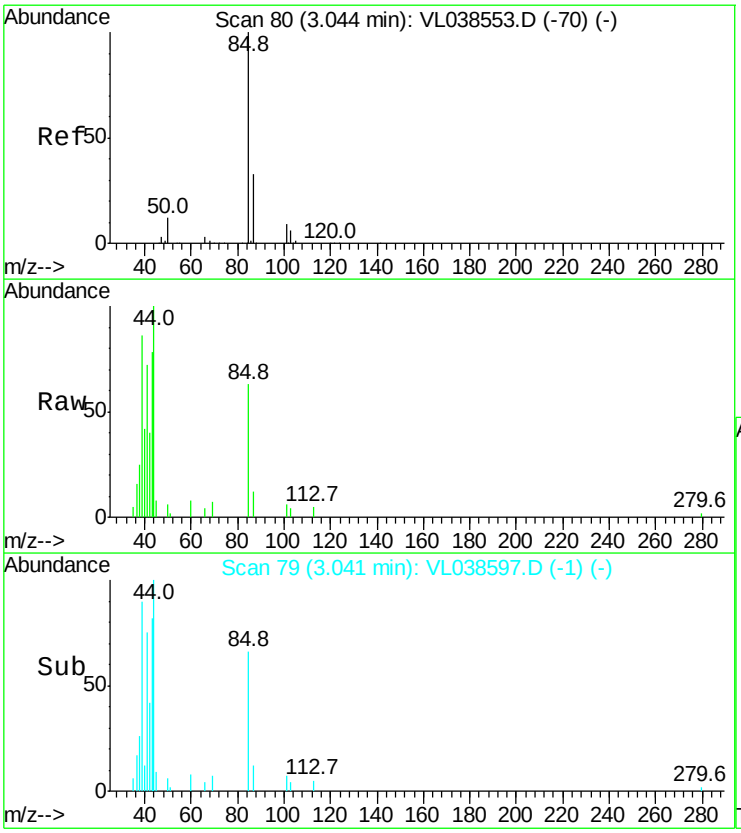
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 14 Mar 2022 15:37

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion: 49 Resp: 874223

Ion	Ratio	Lower	Upper
49	100		
128	52.3	26.4	79.2
130	67.0	33.0	98.9

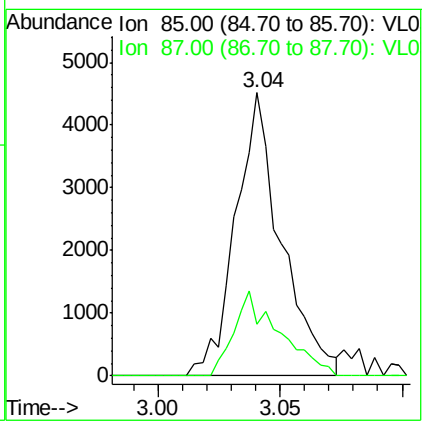


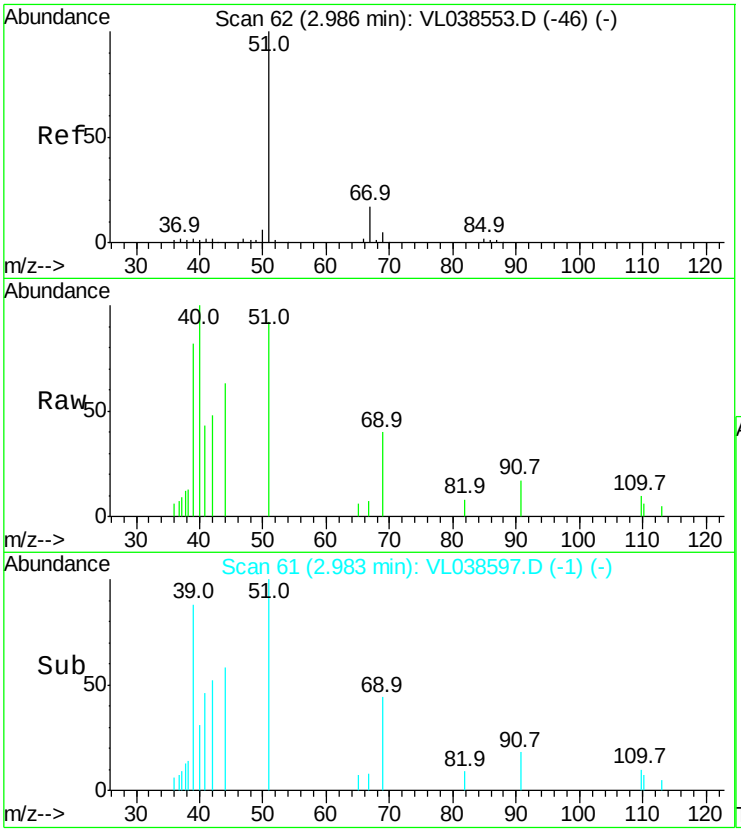


#2
Dichlorodifluoromethane
Concen: 0.04 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.00 min
Lab File: VL038597.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 85 Resp: 5845

Ion	Ratio	Lower	Upper
85	100		
87	18.5	26.2	39.2#



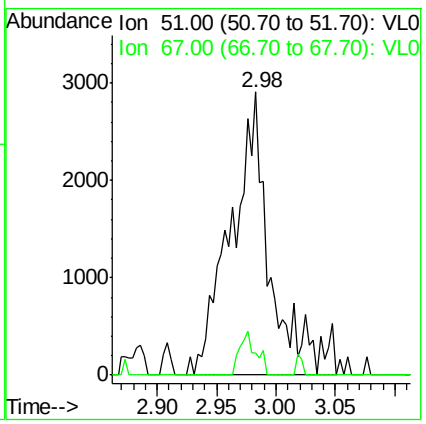


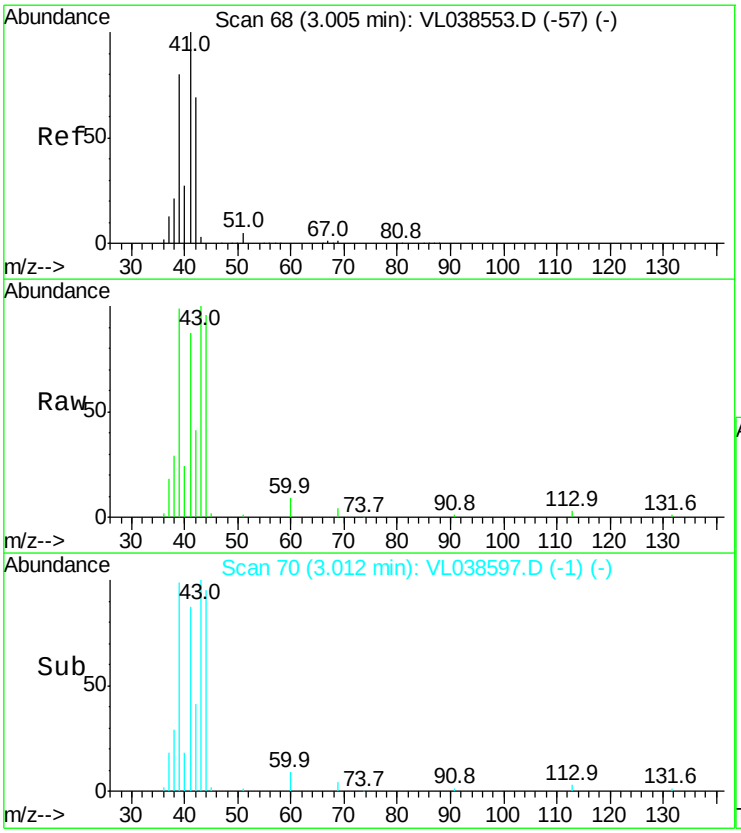
#3
Chlorodifluoromethane
Concen: 0.04 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 14 Mar 2022 15:37

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion: 51 Resp: 6673

Ion	Ratio	Lower	Upper
51	100		
67	6.4	13.6	20.4#

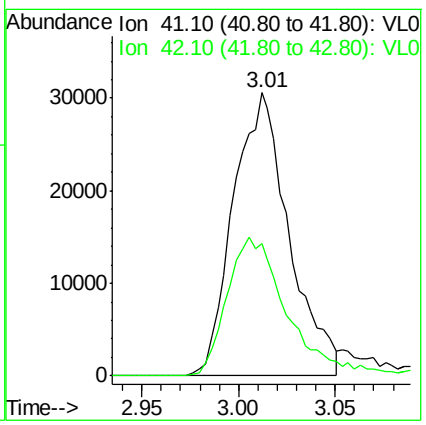


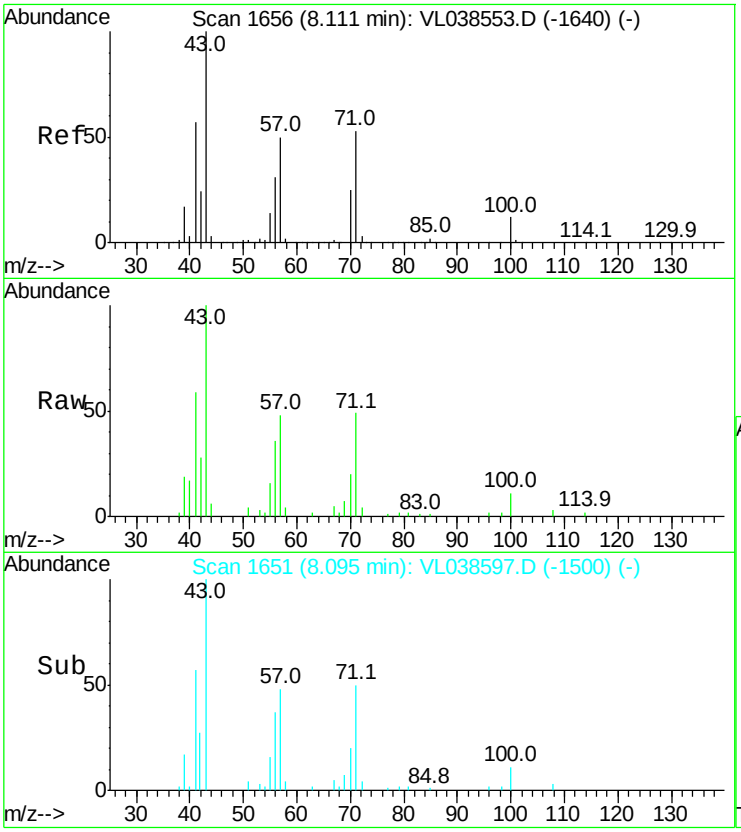


#9
Propene
Concen: 1.13 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.01 min
Lab File: VL038597.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 41 Resp: 61264

Ion	Ratio	Lower	Upper
41	100		
42	54.1	55.7	83.5#



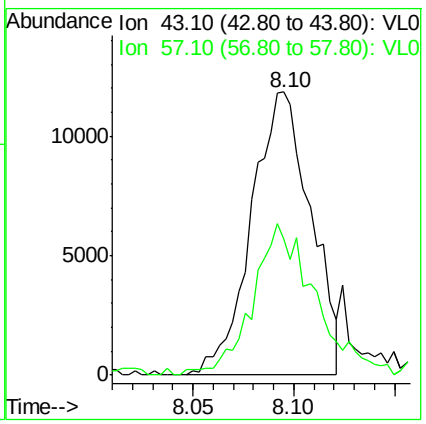


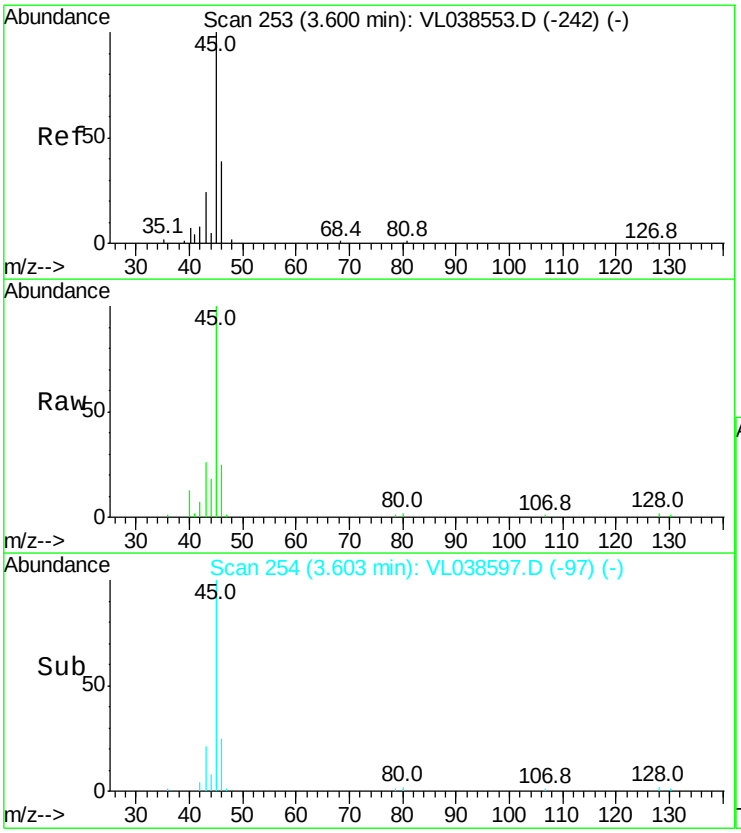
#10
Heptane
Concen: 0.19 ppbv
RT: 8.10
Delta R.T
Lab File:
Acq: 14 Mar 2022 15:37

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion: 43 Resp: 24234

Ion	Ratio	Lower	Upper
43	100		
57	57.6	39.6	59.4

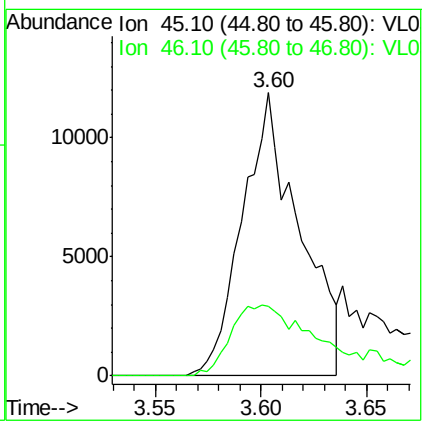


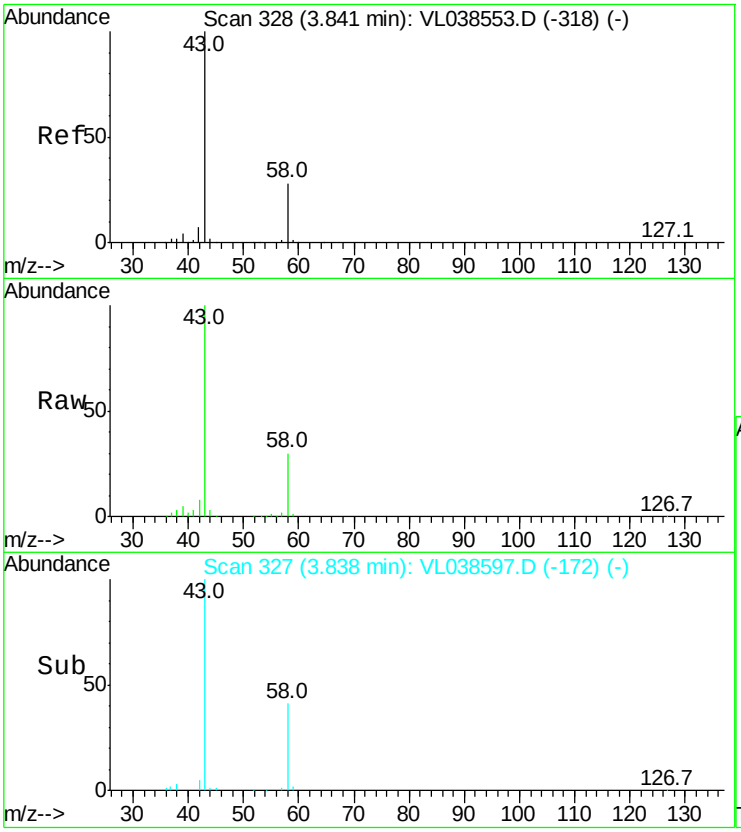


#13
Ethanol
Concen: 3.59 ppbv
RT: 3.60 min Scan# 254
Delta R.T. 0.00 min
Lab File: VL038597.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 45 Resp: 22412

Ion	Ratio	Lower	Upper
45	100		
46	46.9	16.8	67.0



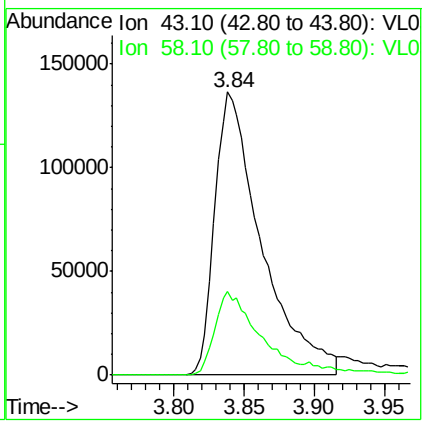


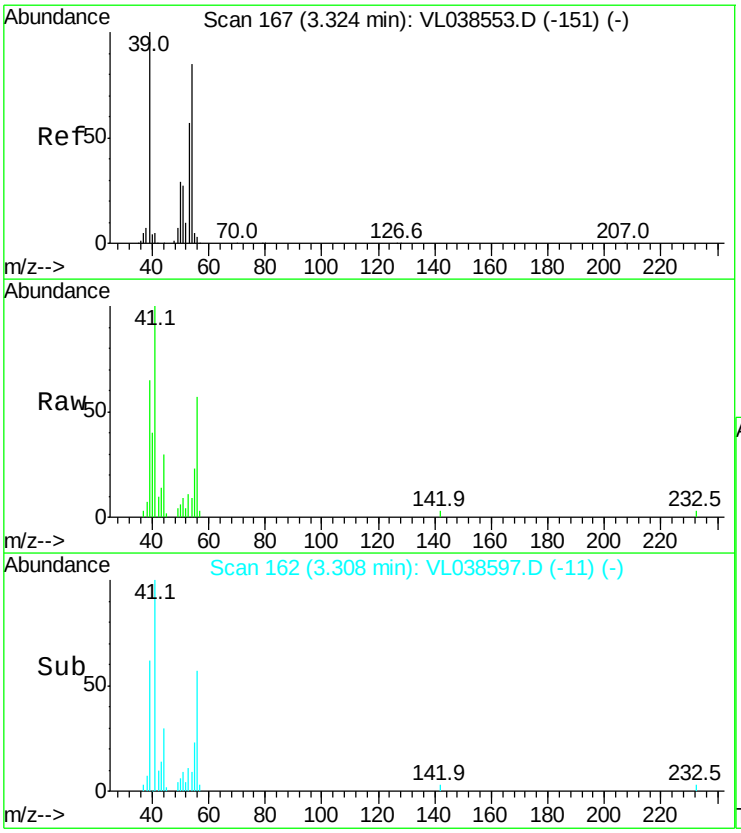
#15
Acetone
Concen: 5.08 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 14 Mar 2022 15:37

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion: 43 Resp: 313415

Ion	Ratio	Lower	Upper
43	100		
58	32.3	22.7	34.1

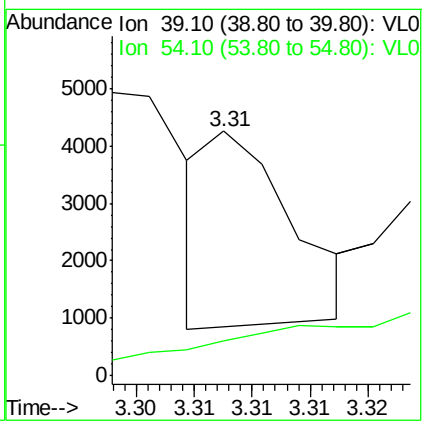


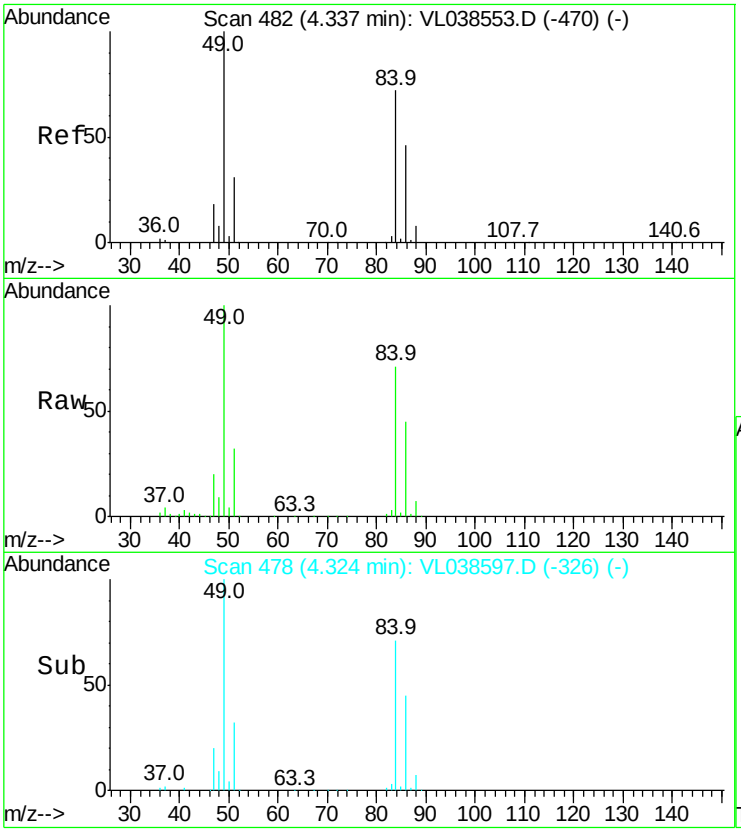


#16
1,3-Butadiene
Concen: 0.03 ppbv
RT: 3.31 min Scan# 162
Delta R.T. -0.02 min
Lab File: VL038597.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 39 Resp: 1701

Ion	Ratio	Lower	Upper
39	100		
54	142.4	64.2	96.2#



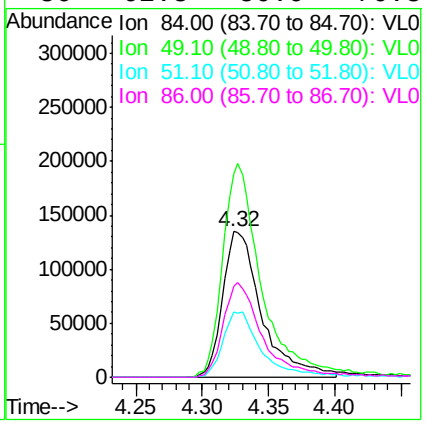


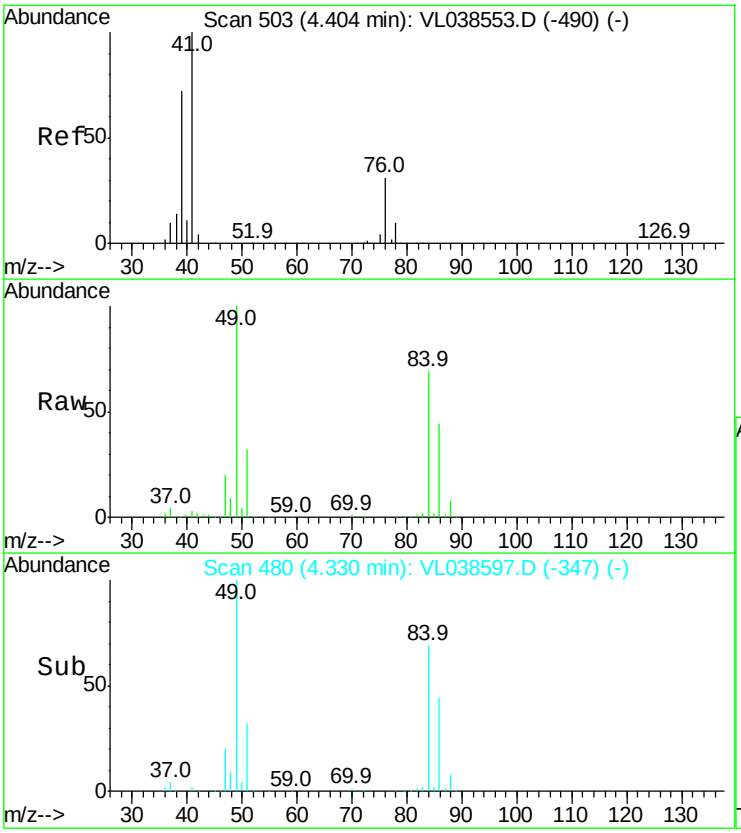
#20
Methylene Chloride
Concen: 7.46 ppbv
RT: 4.32
Delta R.T
Lab File:
Acq: 14 Mar 2022 15:37

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion: 84 Resp: 276794

Ion	Ratio	Lower	Upper
84	100		
49	139.8	111.1	166.7
51	44.5	34.0	51.0
86	62.3	50.9	76.3

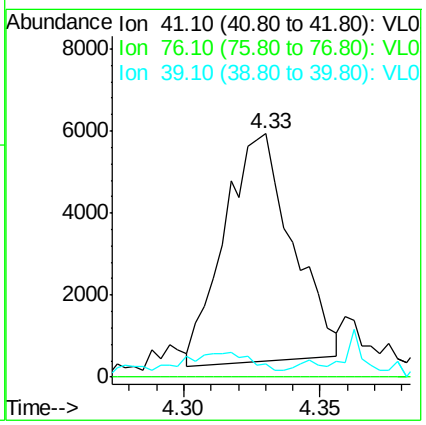


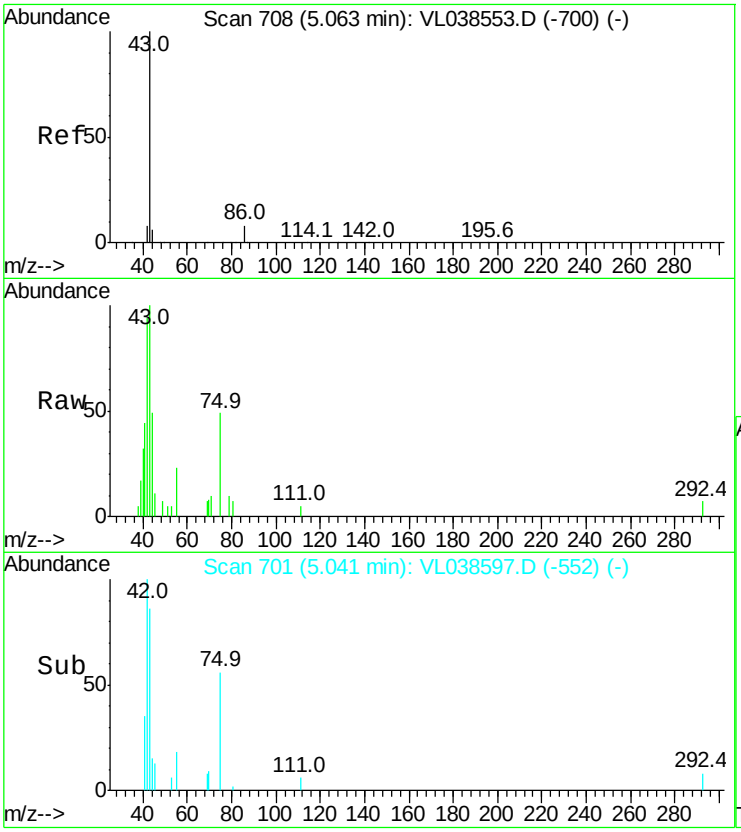


#21
Allyl Chloride
Concen: 0.16 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.07 min
Lab File: VL038597.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 41 Resp: 9654

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.3	36.5#
39	14.3	57.1	85.7#



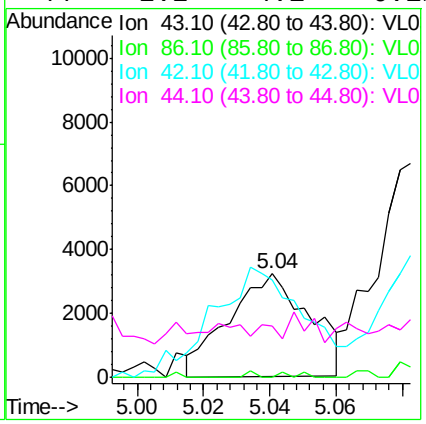


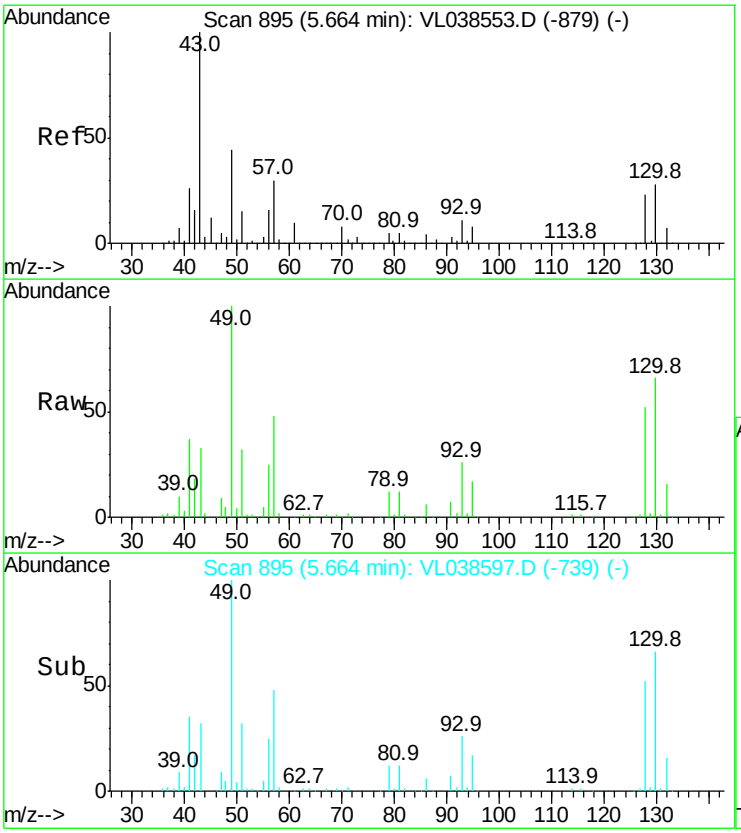
#23
Vinyl Acetate
Concen: 0.06 ppbv
RT: 5.04
Delta R.T
Lab File:
Acq: 14 Mar 2022 15:37

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion: 43 Resp: 5437

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.6	8.4#
42	89.0	7.1	10.7#
44	2.2	4.1	6.1#

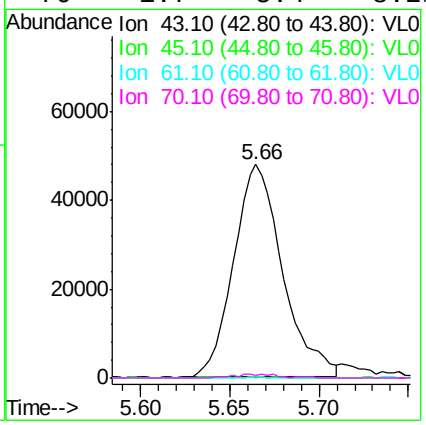


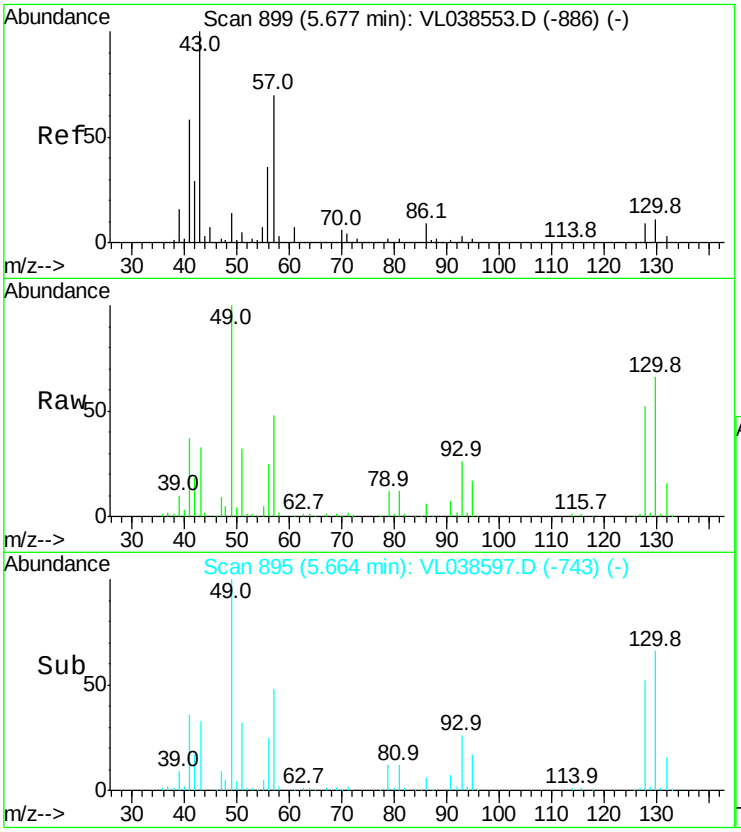


#25
Ethyl Acetate
Concen: 0.44 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.00 min
Lab File: VL038597.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 43 Resp: 90995

Ion	Ratio	Lower	Upper
43	100		
45	0.6	8.0	12.0#
61	0.1	8.2	12.4#
70	1.7	5.4	8.2#



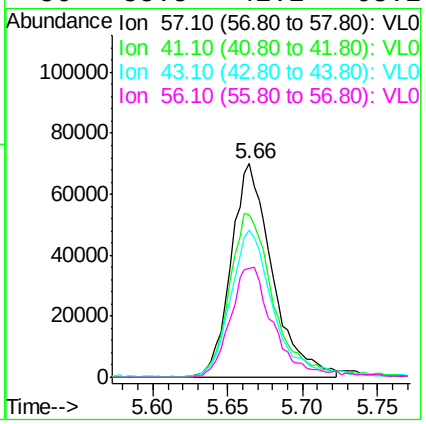


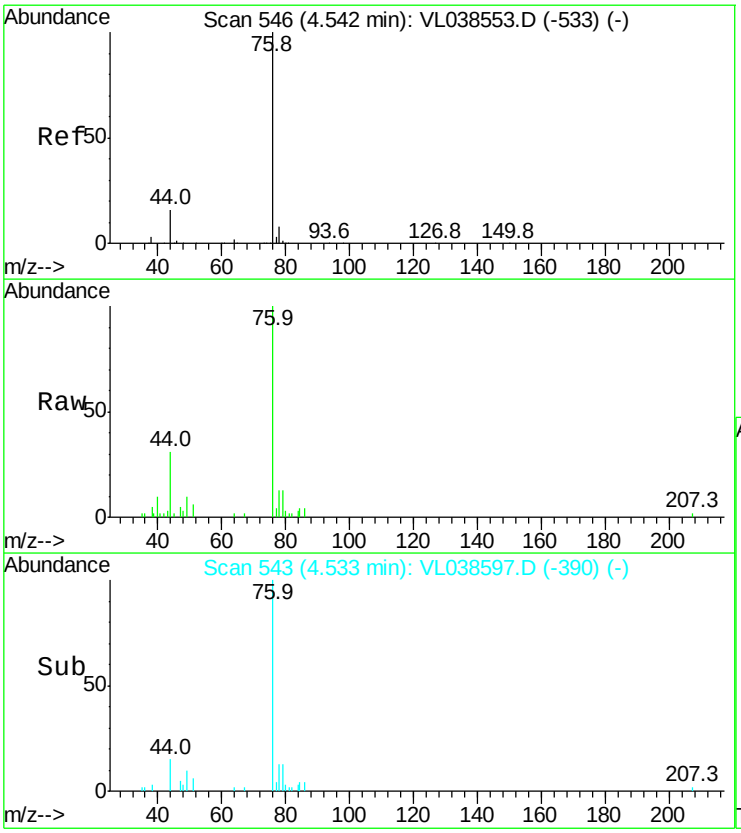
#26
Hexane
Concen: 1.37 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 14 Mar 2022 15:37

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion: 57 Resp: 133995

Ion	Ratio	Lower	Upper
57	100		
41	83.7	67.8	101.6
43	73.4	173.6	260.4#
56	55.5	42.2	63.2

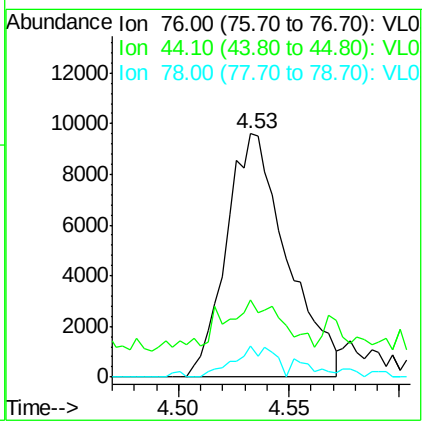


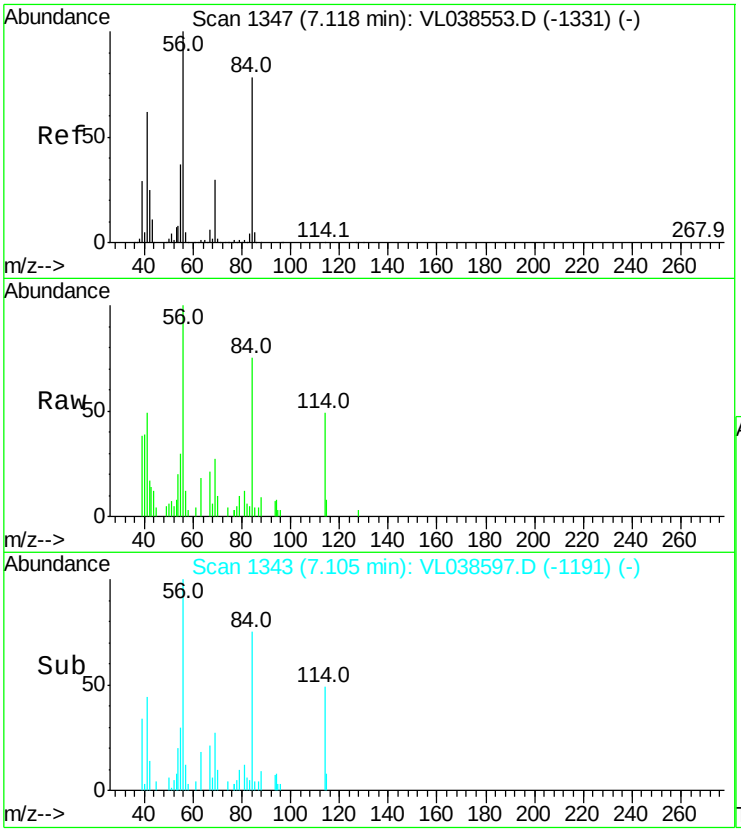


#27
Carbon Disulfide
Concen: 0.19 ppbv
RT: 4.53 min Scan# 543
Delta R.T. -0.01 min
Lab File: VL038597.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 76 Resp: 18335

Ion	Ratio	Lower	Upper
76	100		
44	22.7	12.9	19.3#
78	13.4	7.8	11.6#



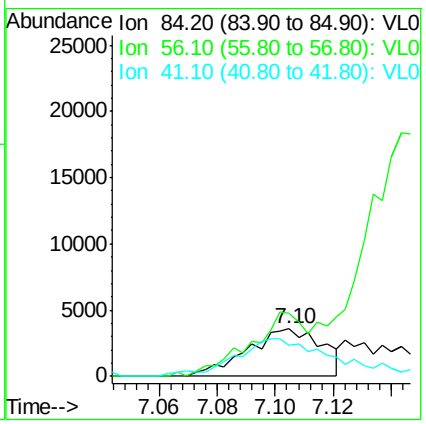


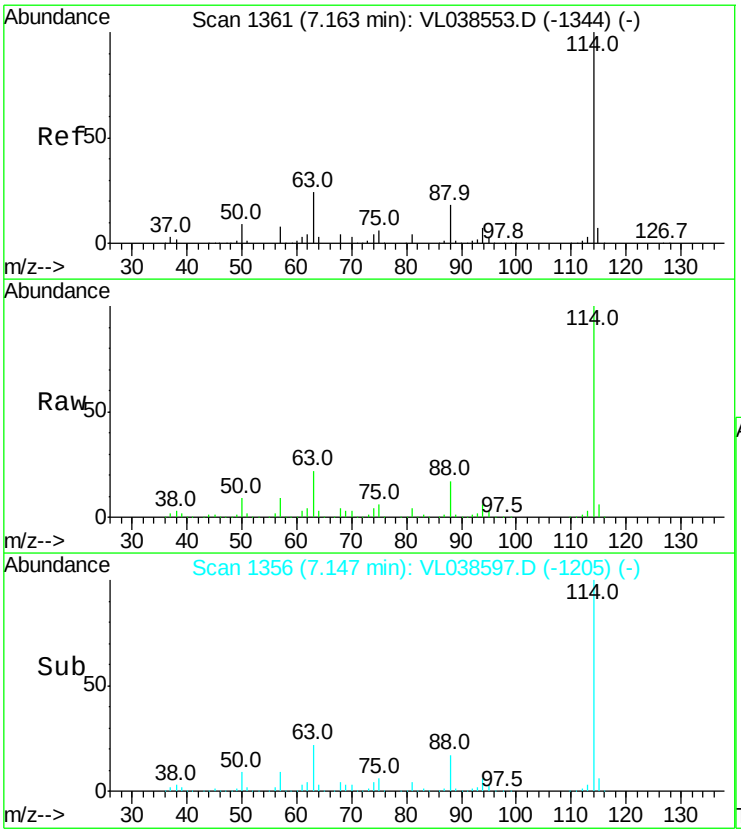
#30
Cyclohexane
Concen: 0.08 ppbv
RT: 7.10
Delta R.T
Lab File:
Acq: 14 Mar 2022 15:37

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion: 84 Resp: 6474

Ion	Ratio	Lower	Upper
84	100		
56	0.0	111.4	167.0#
41	108.3	65.5	98.3#

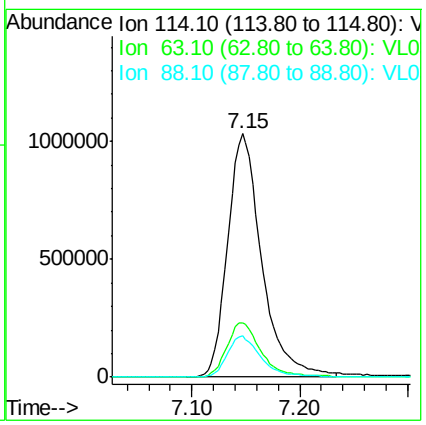


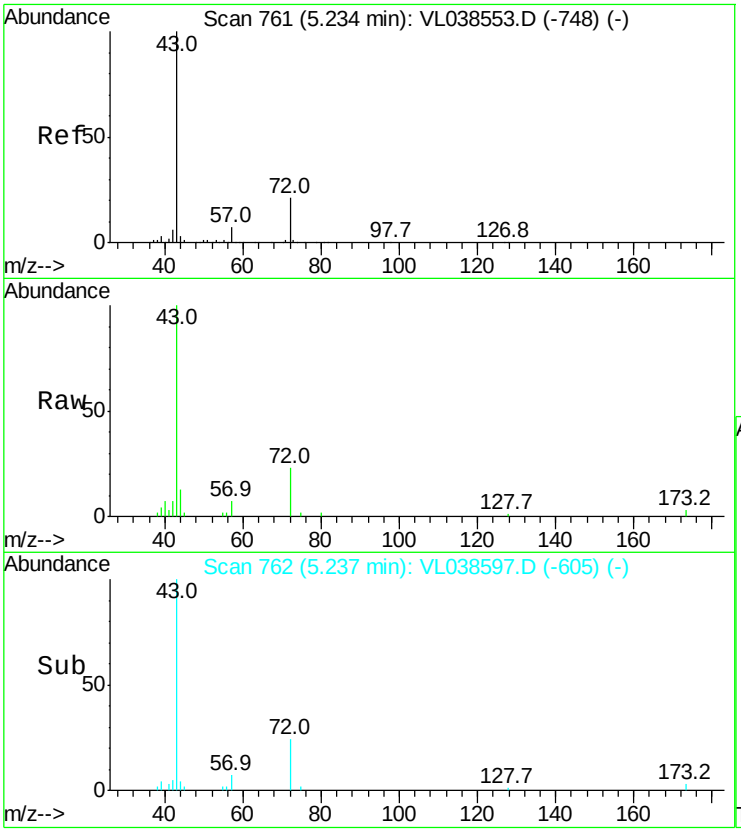


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.02 min
Lab File: VL038597.D
Acq: 14 Mar 2022 15:37

Tgt Ion:114 Resp: 2280372

Ion	Ratio	Lower	Upper
114	100		
63	23.1	19.6	29.4
88	17.1	13.9	20.9



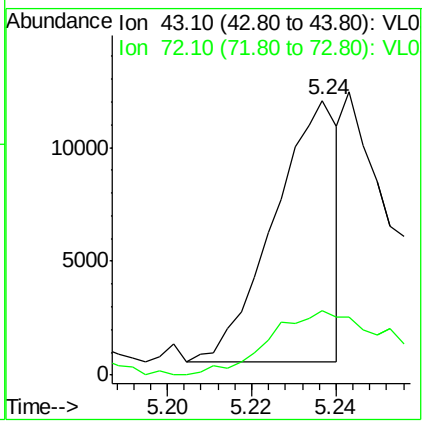


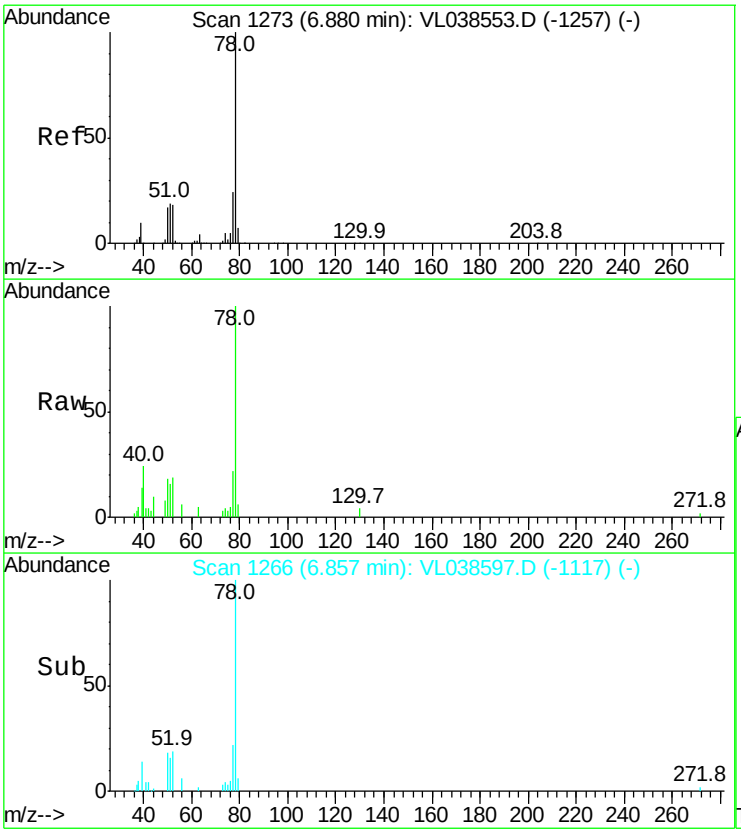
#34
2-Butanone
Concen: 0.20 ppbv
RT: 5.24
Delta R.T
Lab File:
Acq: 14 Mar 2022 15:37

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion: 43 Resp: 12042

Ion	Ratio	Lower	Upper
43	100		
72	57.5	17.8	26.6#

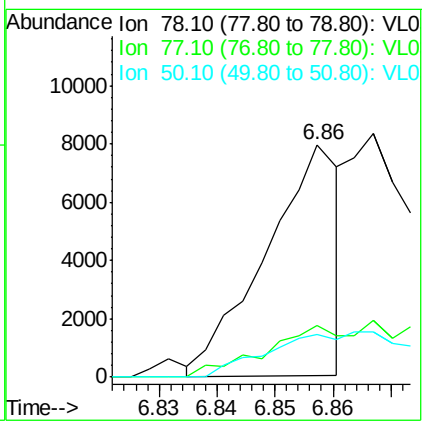


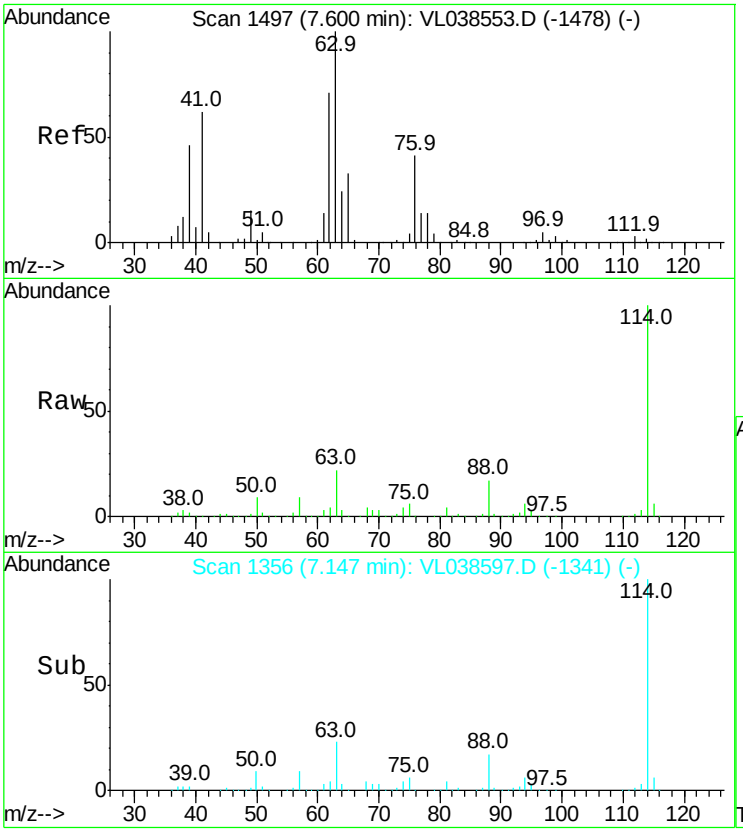


#36
Benzene
Concen: 0.03 ppbv
RT: 6.86 min Scan# 1266
Delta R.T. -0.02 min
Lab File: VL038597.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 78 Resp: 7005

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4
50	19.2	13.9	20.9



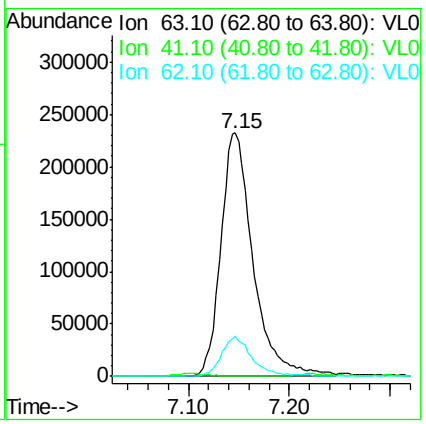


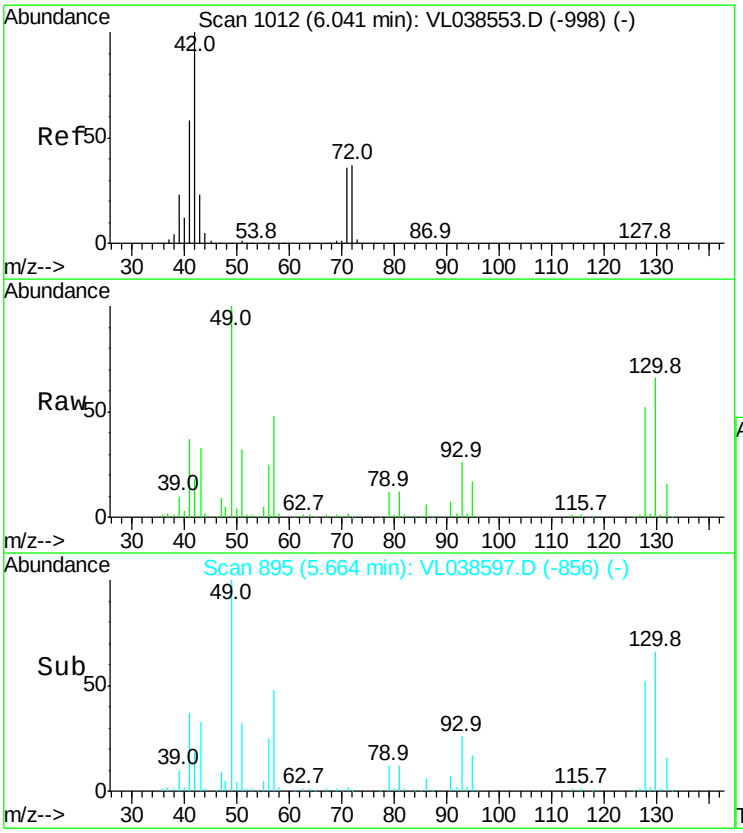
#39
1,2-Dichloropropane
Concen: 6.55 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 14 Mar 2022 15:37

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion: 63 Resp: 518045

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.8	74.6#
62	16.4	56.7	85.1#

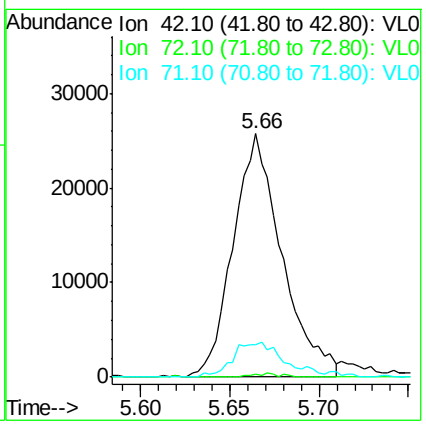


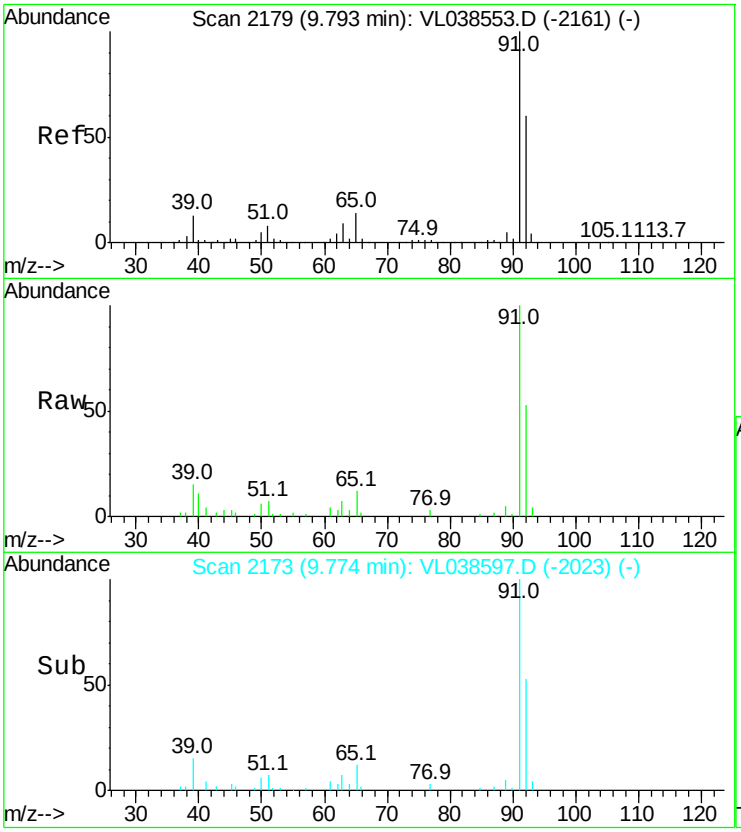


#41
Tetrahydrofuran
Concen: 1.01 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.38 min
Lab File: VL038597.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 42 Resp: 48972

Ion	Ratio	Lower	Upper
42	100		
72	0.7	30.9	46.3#
71	15.9	29.1	43.7#



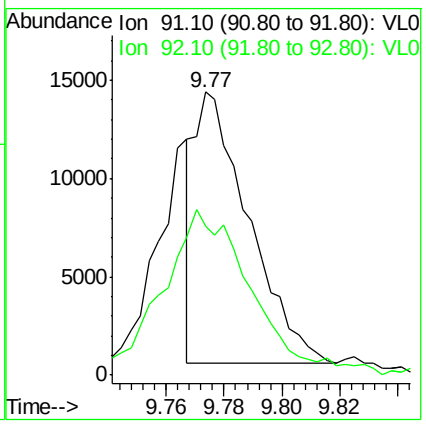


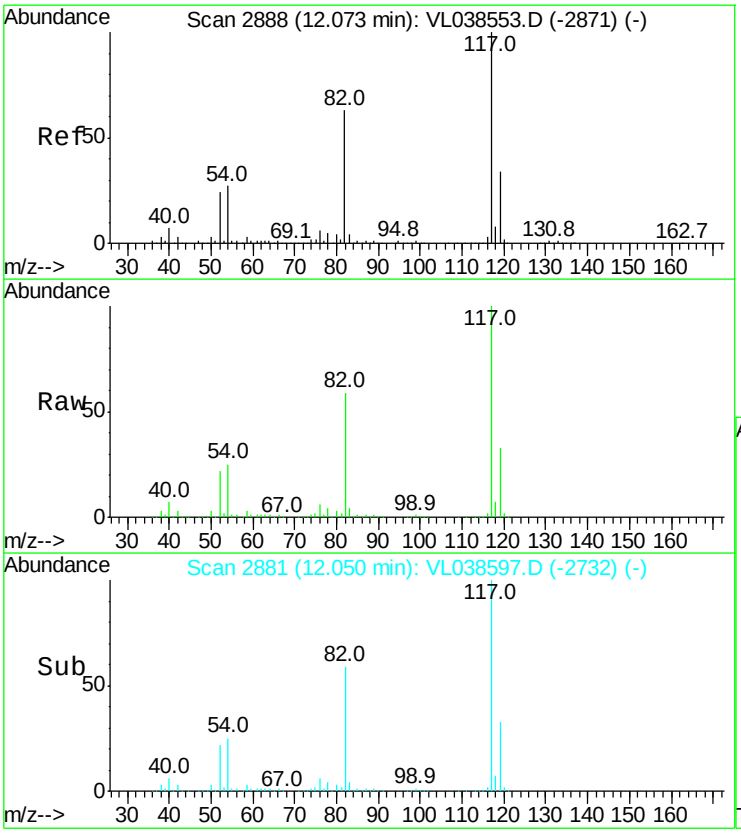
#53
Toluene
Concen: 0.08 ppbv
RT: 9.77
Delta R.T
Lab File:
Acq: 14 Mar 2022 15:37

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion: 91 Resp: 17725

Ion	Ratio	Lower	Upper
91	100		
92	102.1	48.1	72.1#

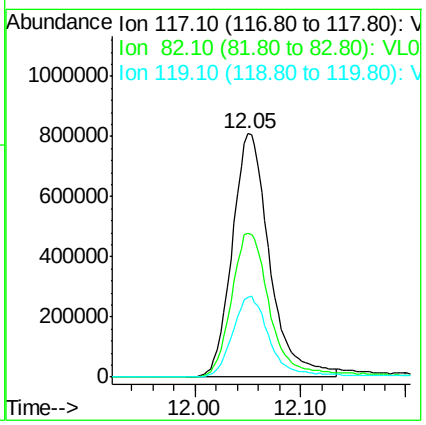


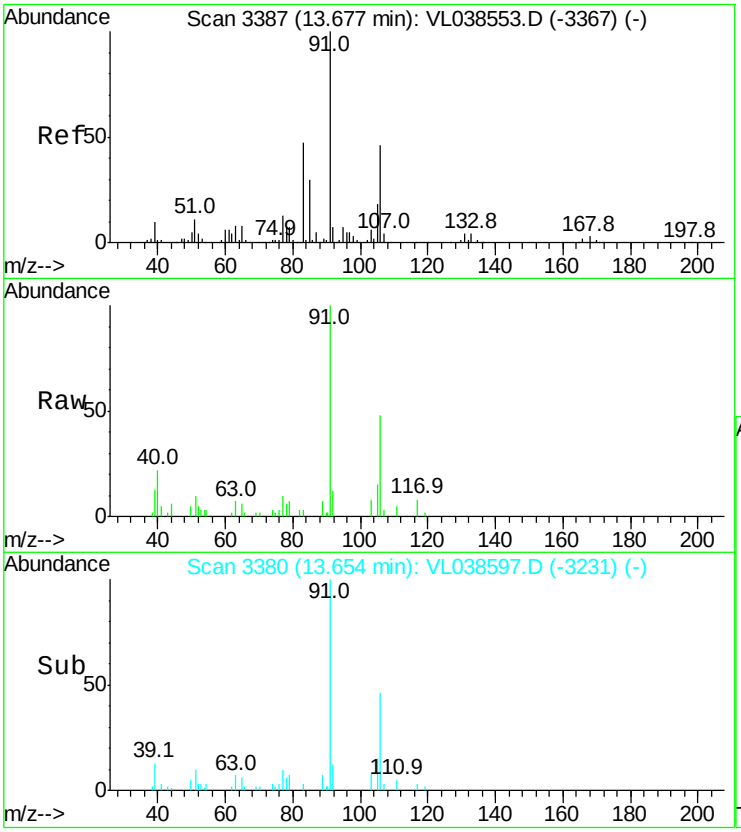


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.05 min Scan# 2881
Delta R.T. -0.02 min
Lab File: VL038597.D
Acq: 14 Mar 2022 15:37

Tgt Ion:117 Resp: 1994868

Ion	Ratio	Lower	Upper
117	100		
82	63.0	52.5	78.7
119	34.0	46.4	69.6#



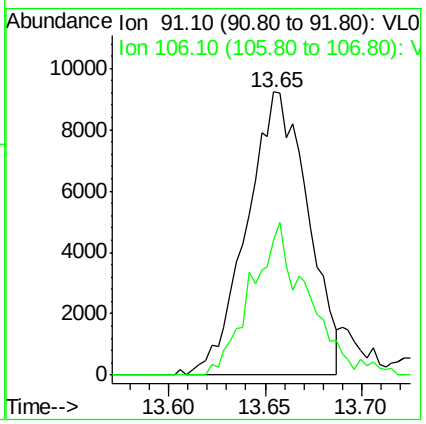


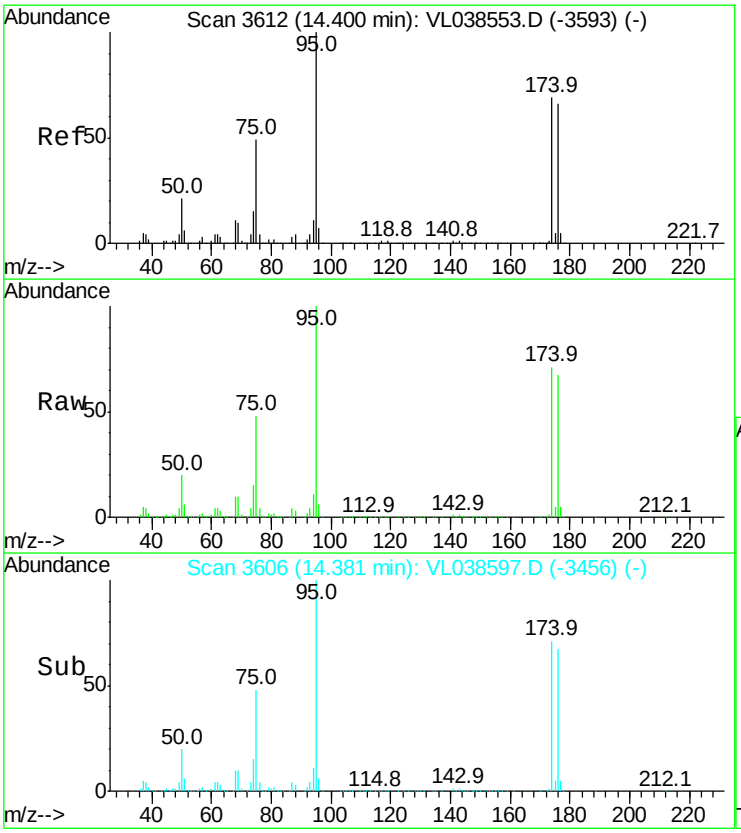
#60
o-Xylene
Concen: 0.10 ppbv
RT: 13.65
Delta R.T
Lab File:
Acq: 14 Mar 2022 15:37

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion: 91 Resp: 20307

Ion	Ratio	Lower	Upper
91	100		
106	50.1	23.5	70.6

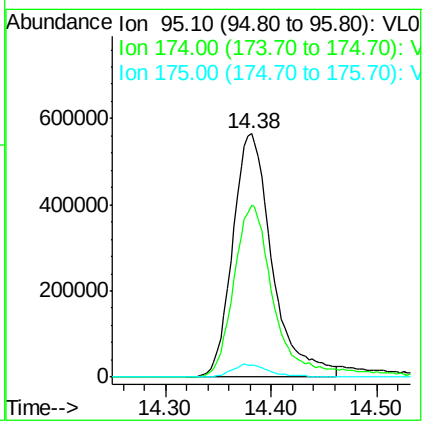


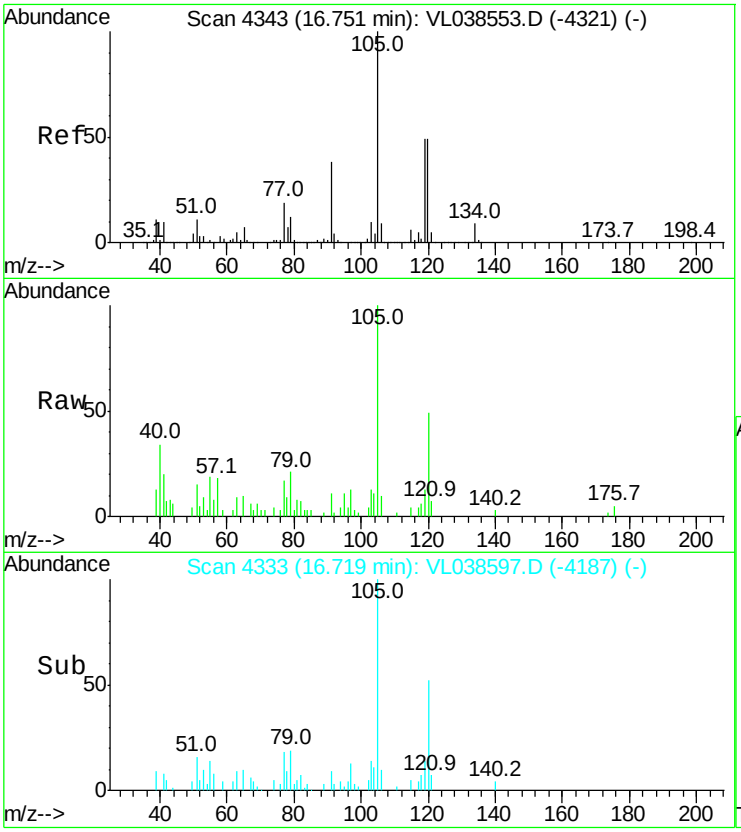


#68
1-Bromo-4-Fluorobenzene
Concen: 9.69 ppbv
RT: 14.38 min Scan# 3606
Delta R.T. -0.02 min
Lab File: VL038597.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 95 Resp: 1469867

Ion	Ratio	Lower	Upper
95	100		
174	74.7	56.2	84.4
175	5.3	4.2	6.2





#74
1,2,4-Trimethylbenzene
Concen: 0.03 ppbv
RT: 16.72
Delta R.T
Lab File:
Acq: 14 Mar 2022 15:37

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion:105 Resp: 8261

Ion	Ratio	Lower	Upper
105	100		
120	56.3	38.9	58.3
91	9.1	30.6	46.0#
77	25.7	15.2	22.8#