Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
Data File : VL038598.D
Acq On : 14 Mar 2022 16:18
Operator : SY/AP
Sample : N1885-02DUPDL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS-2DLDUP

Quant Time: Mar 15 01:38:24 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	835364	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.15	114	2144463	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.05	117	1884632	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.38	95	1379766	9.63	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	5907	0.05	ppbv	#	85
3) Chlorodifluoromethane	2.98	51	6497	0.04	ppbv	#	69
9) Propene	3.01	41	52633	1.01	ppbv		84
10) Heptane	8.09	43	9574	0.08	ppbv	#	17
13) Ethanol	3.60	45	7863	1.32	ppbv	#	34
15) Acetone	3.84	43	274131	4.65	ppbv		93
16) 1,3-Butadiene	3.30	39	6743	0.14	ppbv	#	43
20) Methylene Chloride	4.33	84	262039	7.39	ppbv		94
21) Allyl Chloride	4.34	41	1802	0.03	ppbv	#	1
25) Ethyl Acetate	5.66	43	96559	0.49	ppbv	#	76
26) Hexane	5.66	57	138478	1.49	ppbv	#	44
27) Carbon Disulfide	4.53	76	16842	0.18	ppbv	#	90
30) Cyclohexane	7.10	84	2784	0.03	ppbv	#	1
34) 2-Butanone	5.24	43	20584	0.37	ppbv	#	89
36) Benzene	6.87	78	8250	0.04	ppbv	#	93
39) 1,2-Dichloropropane	7.15	63	499463	6.71	ppbv	#	26
41) Tetrahydrofuran	5.66	42	49594	1.09	ppbv	#	50
53) Toluene	9.77	91	23992	0.12	ppbv		99
60) o-Xylene	13.65	91	16763	0.08	ppbv		98
73) 1,3,5-Trimethylbenzene	15.97	105	6857	0.03	ppbv		91
74) 1,2,4-Trimethylbenzene	16.73	105	8362	0.04	ppbv	#	81

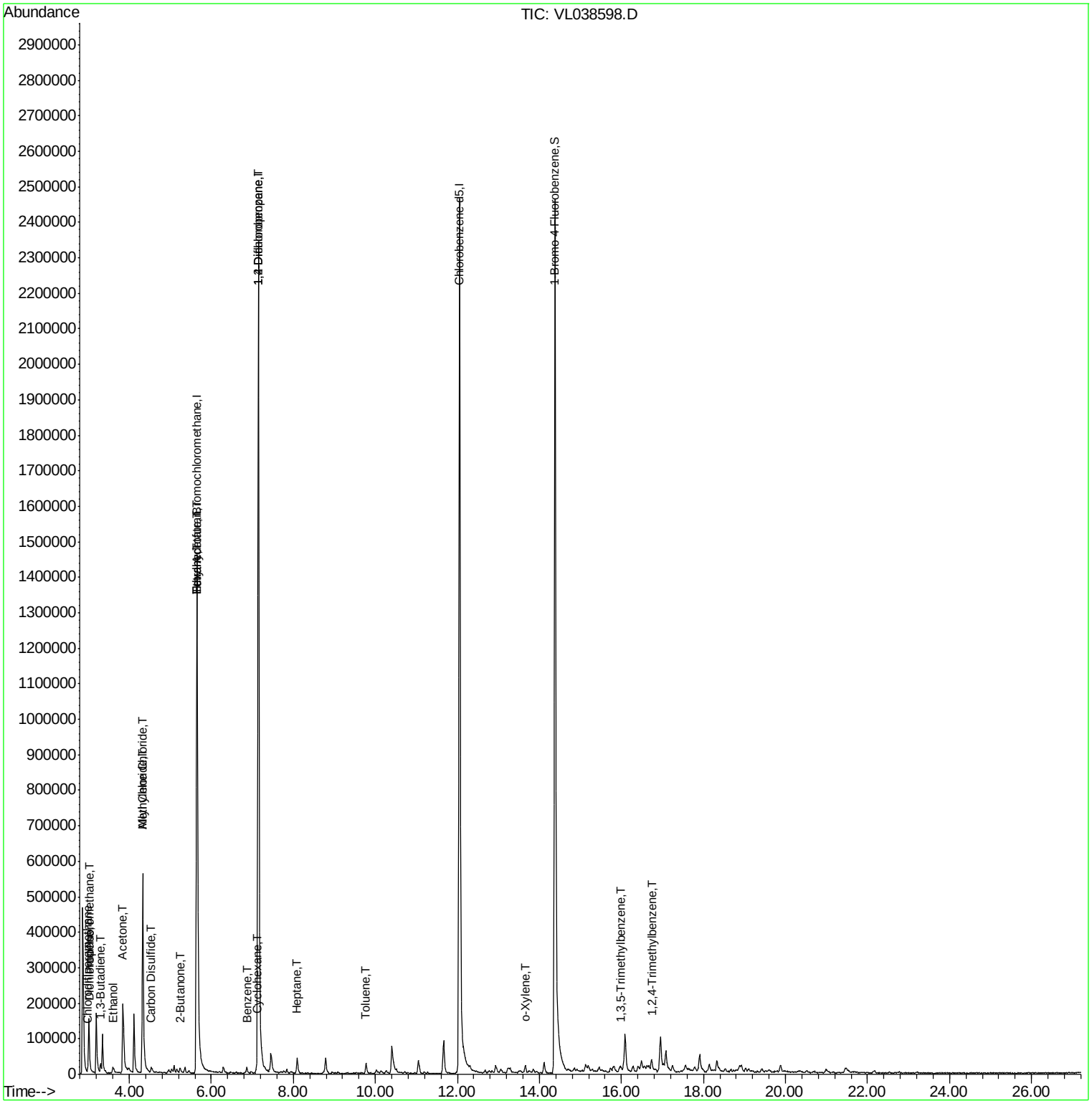
(#) = qualifier out of range (m) = manual integration (+) = signals summed

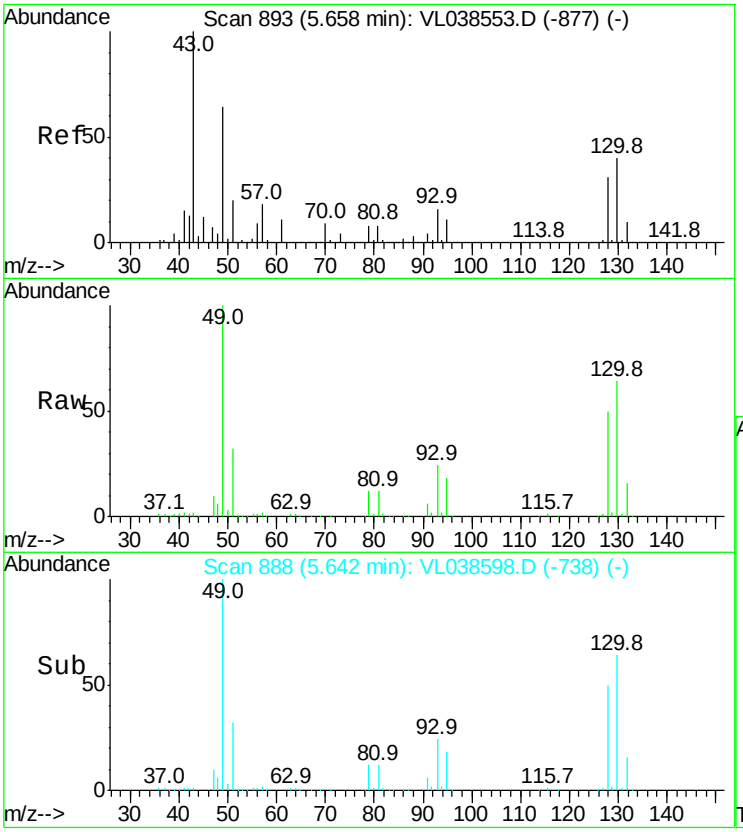
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
Data File : VL038598.D
Acq On : 14 Mar 2022 16:18
Operator : SY/AP
Sample : N1885-02DUPDL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS-2DLDUP

Quant Time: Mar 15 01:38:24 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



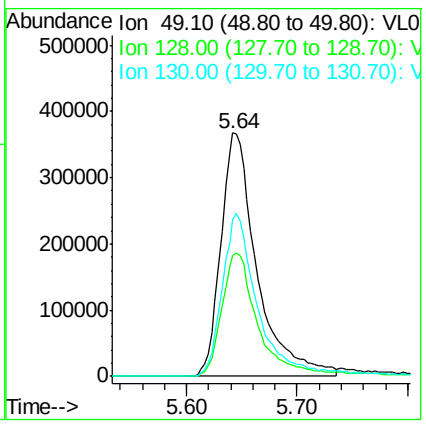


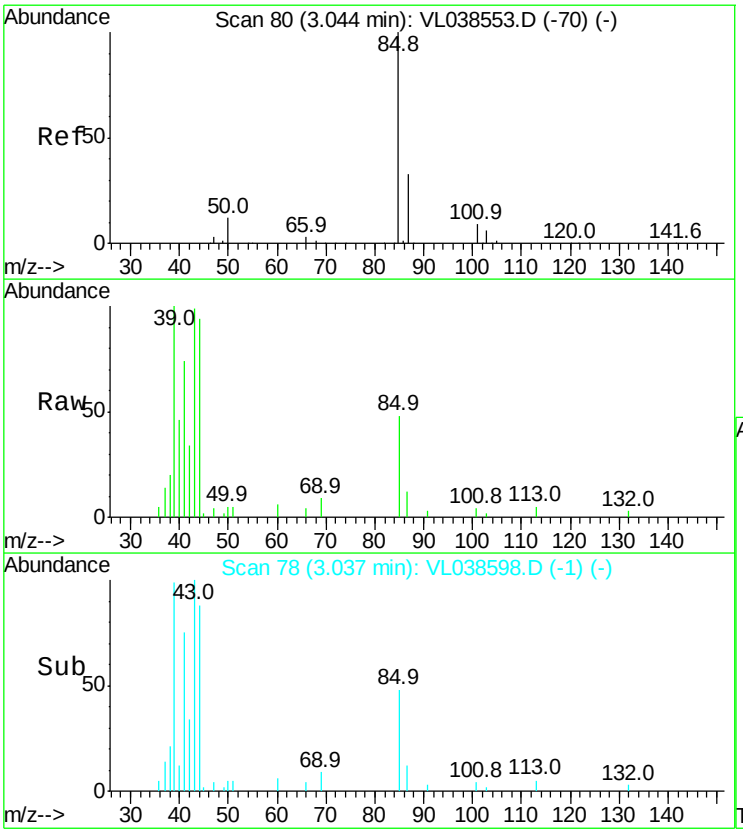
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 14 Mar 2022 16:18

Instrument :
MSVOA_L
ClientSampleId :
SS-2DLDUP

Tgt Ion: 49 Resp: 835364

Ion	Ratio	Lower	Upper
49	100		
128	52.6	26.4	79.2
130	68.4	33.0	98.9

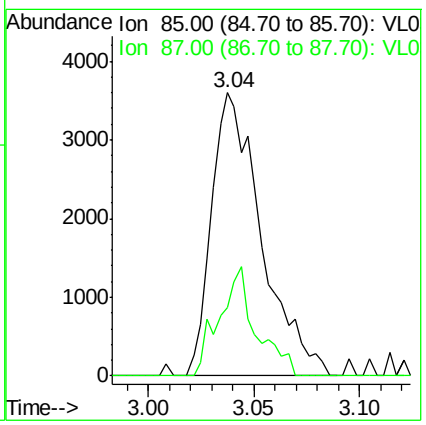


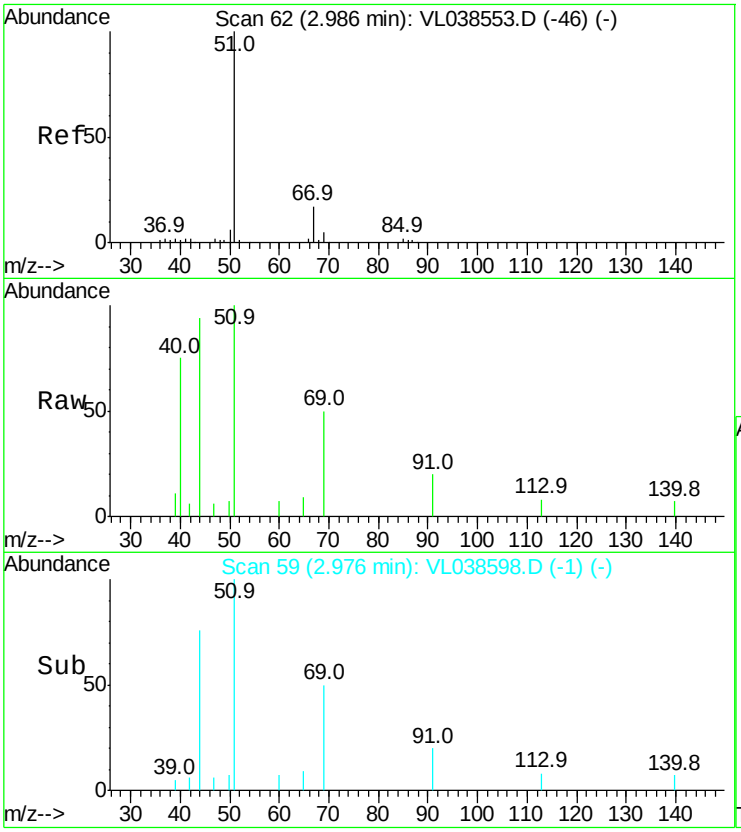


#2
Dichlorodifluoromethane
Concen: 0.05 ppbv
RT: 3.04 min Scan# 78
Delta R.T. -0.01 min
Lab File: VL038598.D
Acq: 14 Mar 2022 16:18

Tgt Ion: 85 Resp: 5907

Ion	Ratio	Lower	Upper
85	100		
87	24.1	26.2	39.2#



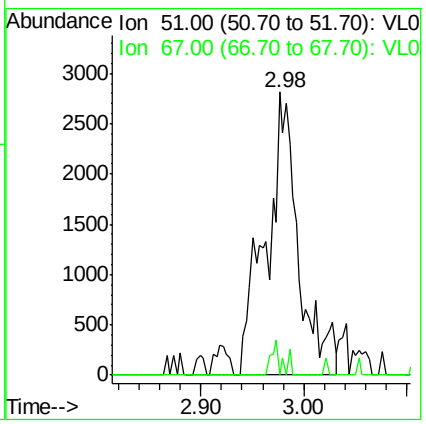


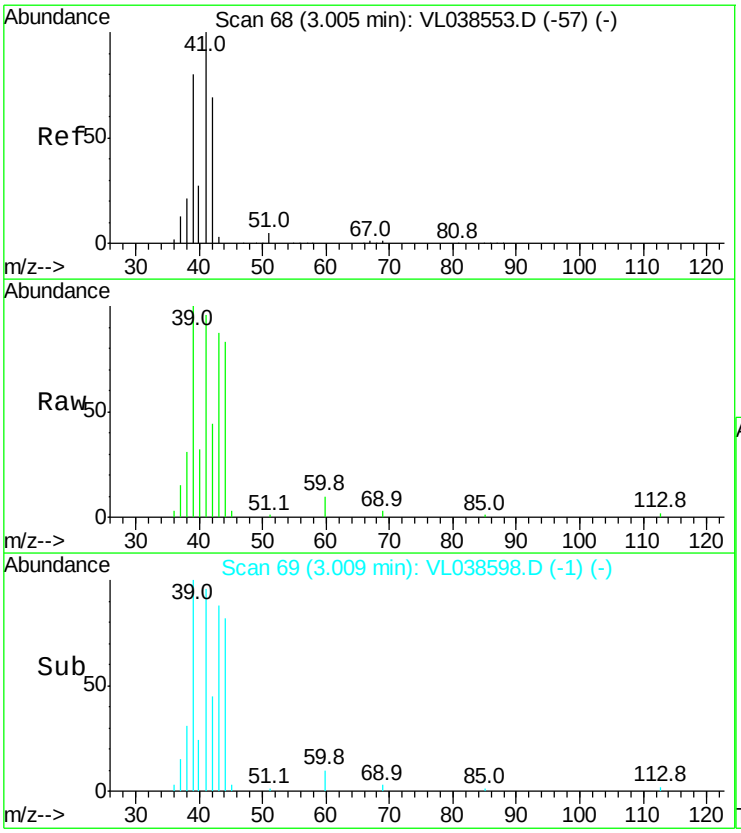
#3
Chlorodifluoromethane
Concen: 0.04 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 14 Mar 2022 16:18

Instrument :
MSVOA_L
ClientSampleId :
SS-2DLDUP

Tgt Ion: 51 Resp: 6497

Ion	Ratio	Lower	Upper
51	100		
67	3.5	13.6	20.4#

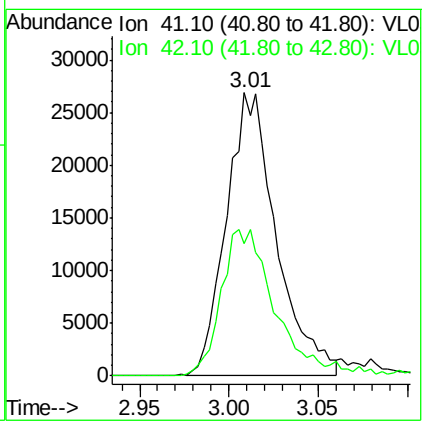


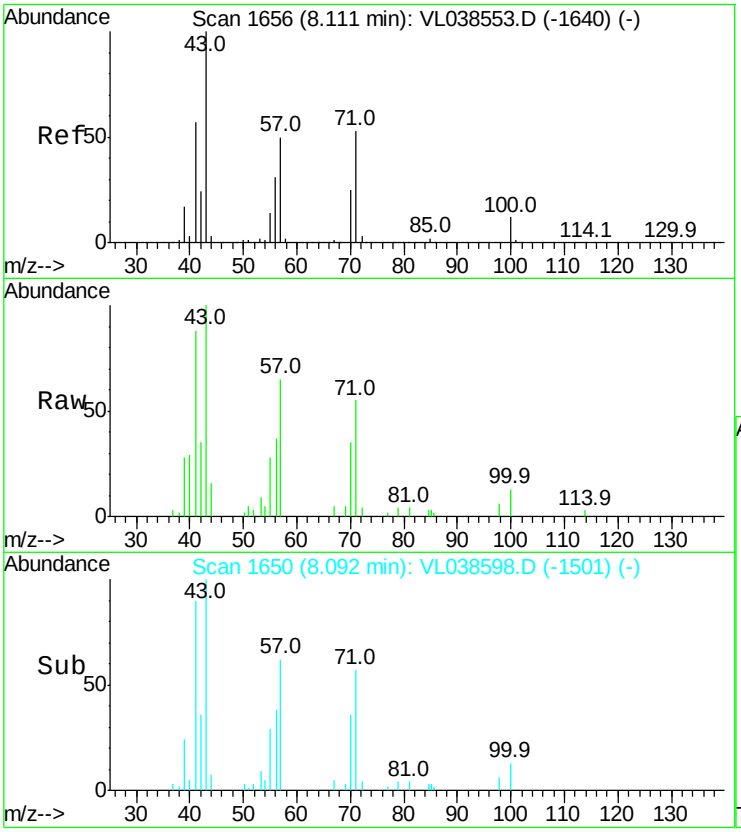


#9
Propene
Concen: 1.01 ppbv
RT: 3.01 min Scan# 69
Delta R.T. 0.00 min
Lab File: VL038598.D
Acq: 14 Mar 2022 16:18

Tgt Ion: 41 Resp: 52633

Ion	Ratio	Lower	Upper
41	100		
42	56.8	55.7	83.5



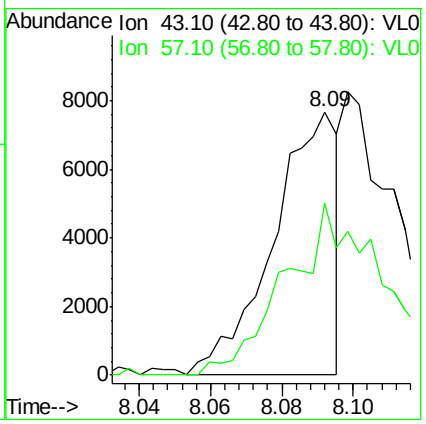


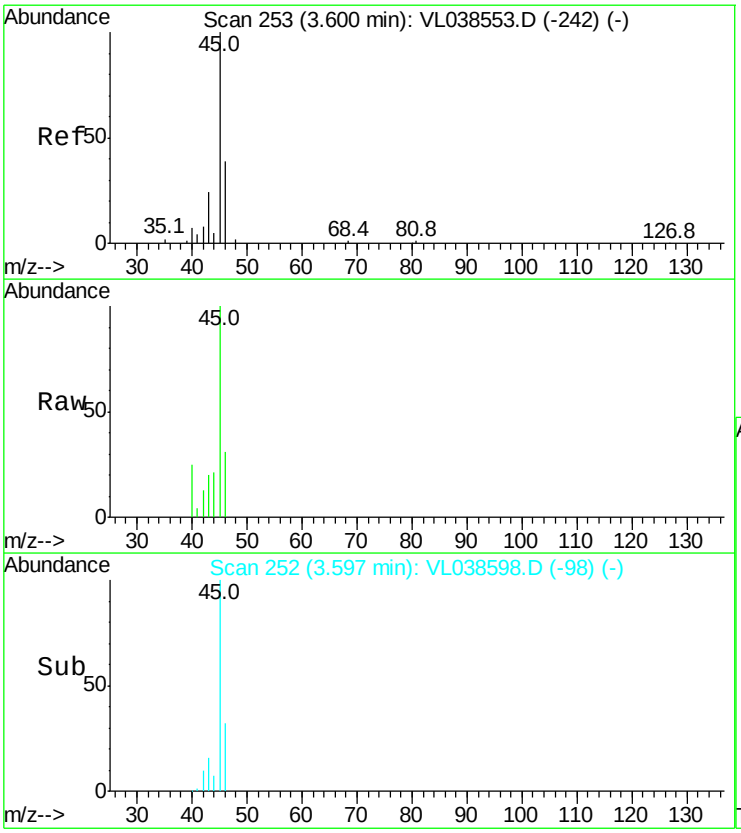
#10
Heptane
Concen: 0.08 ppbv
RT: 8.09
Delta R.T
Lab File:
Acq: 14 Mar 2022 16:18

Instrument :
MSVOA_L
ClientSampleId :
SS-2DLDUP

Tgt Ion: 43 Resp: 9574

Ion	Ratio	Lower	Upper
43	100		
57	106.5	39.6	59.4#

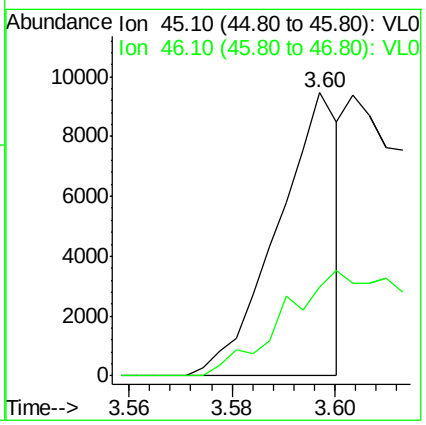


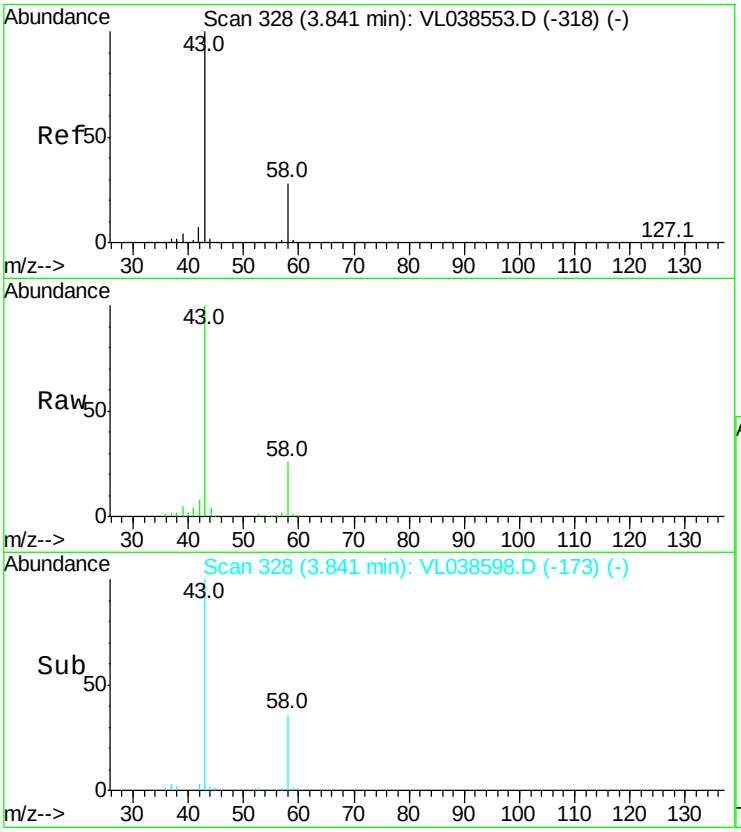


#13
Ethanol
Concen: 1.32 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.00 min
Lab File: VL038598.D
Acq: 14 Mar 2022 16:18

Tgt Ion: 45 Resp: 7863

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.8	67.0#



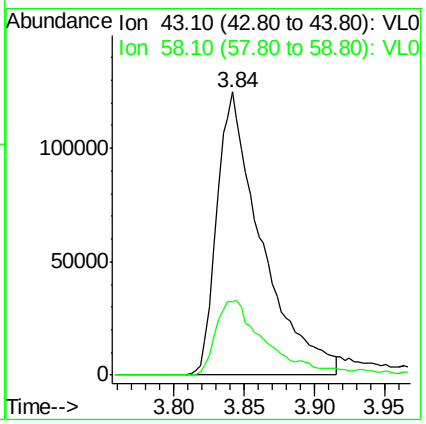


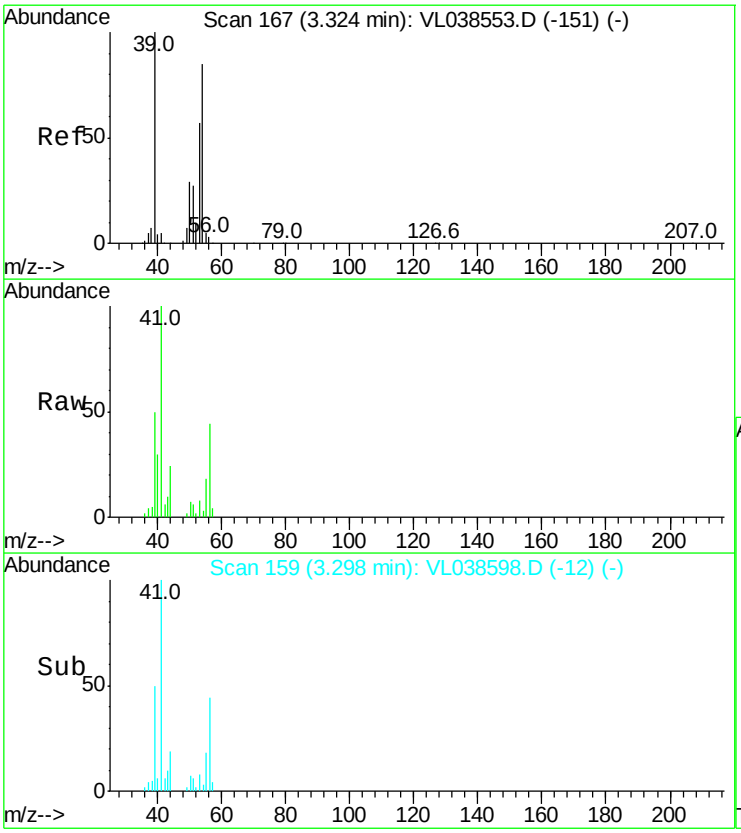
#15
Acetone
Concen: 4.65 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 14 Mar 2022 16:18

Instrument :
MSVOA_L
ClientSampleId :
SS-2DLDUP

Tgt Ion: 43 Resp: 274131

Ion	Ratio	Lower	Upper
43	100		
58	32.3	22.7	34.1

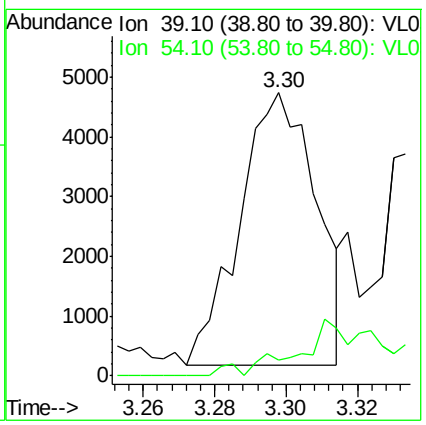


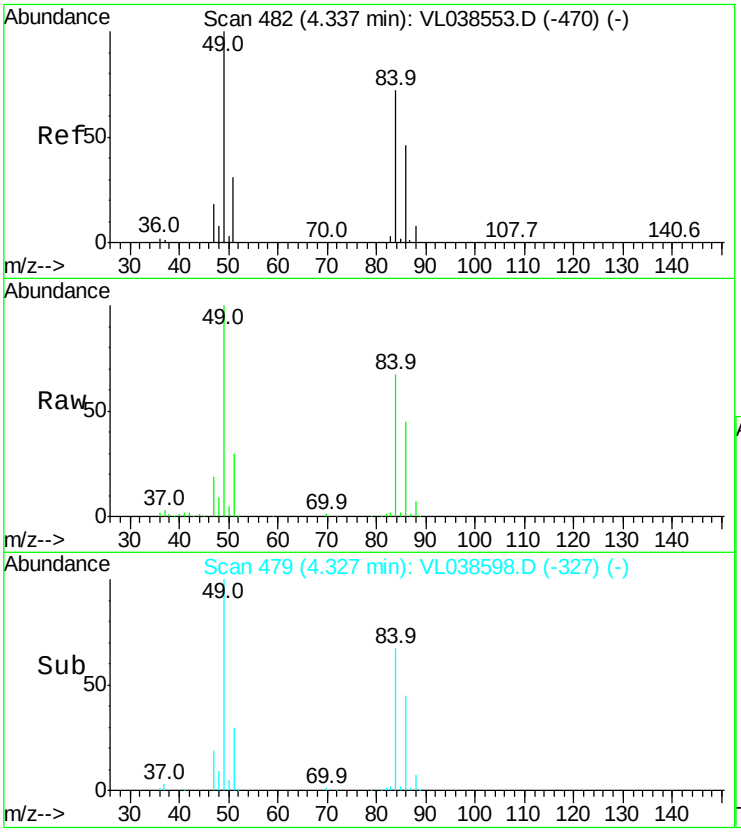


#16
1,3-Butadiene
Concen: 0.14 ppbv
RT: 3.30 min Scan# 159
Delta R.T. -0.03 min
Lab File: VL038598.D
Acq: 14 Mar 2022 16:18

Tgt Ion: 39 Resp: 6743

Ion	Ratio	Lower	Upper
39	100		
54	30.0	64.2	96.2#



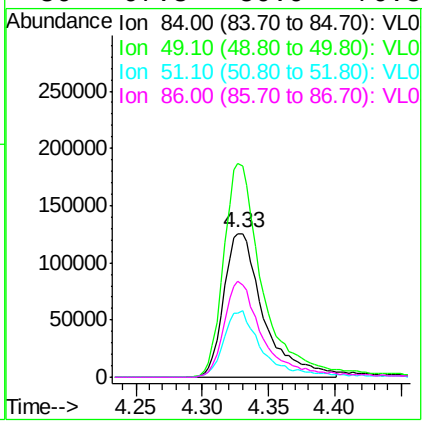


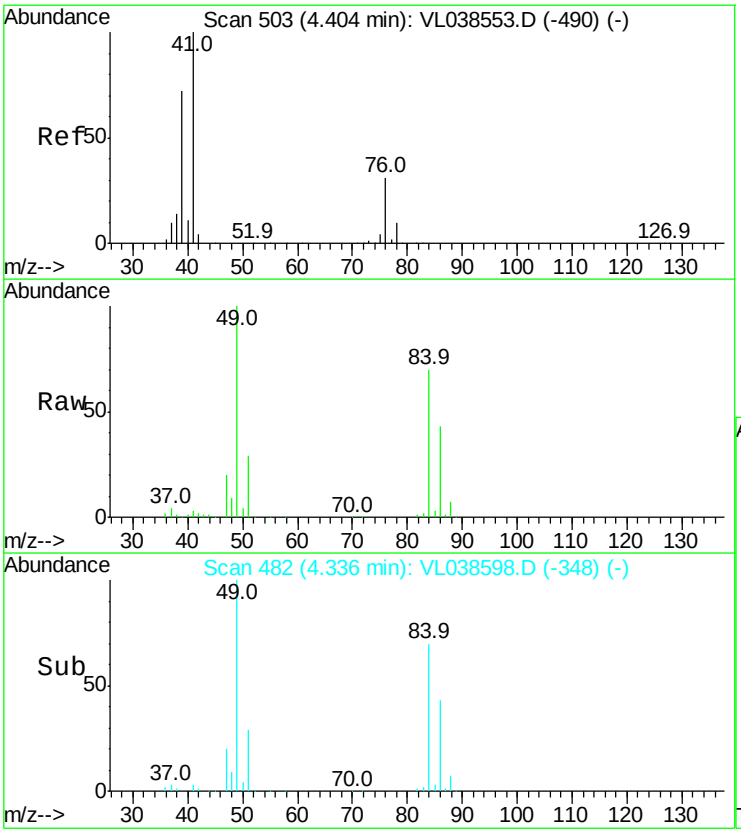
#20
Methylene Chloride
Concen: 7.39 ppbv
RT: 4.33
Delta R.T
Lab File:
Acq: 14 Mar 2022 16:18

Instrument :
MSVOA_L
ClientSampleId :
SS-2DLDUP

Tgt Ion: 84 Resp: 262039

Ion	Ratio	Lower	Upper
84	100		
49	148.8	111.1	166.7
51	44.7	34.0	51.0
86	67.3	50.9	76.3

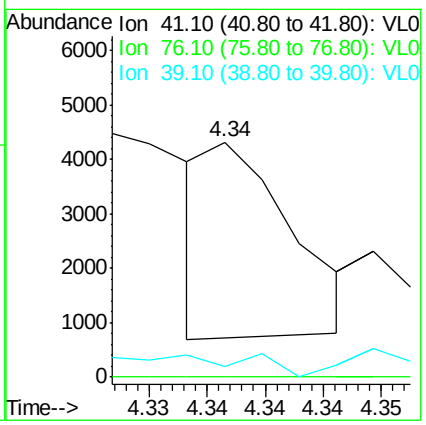


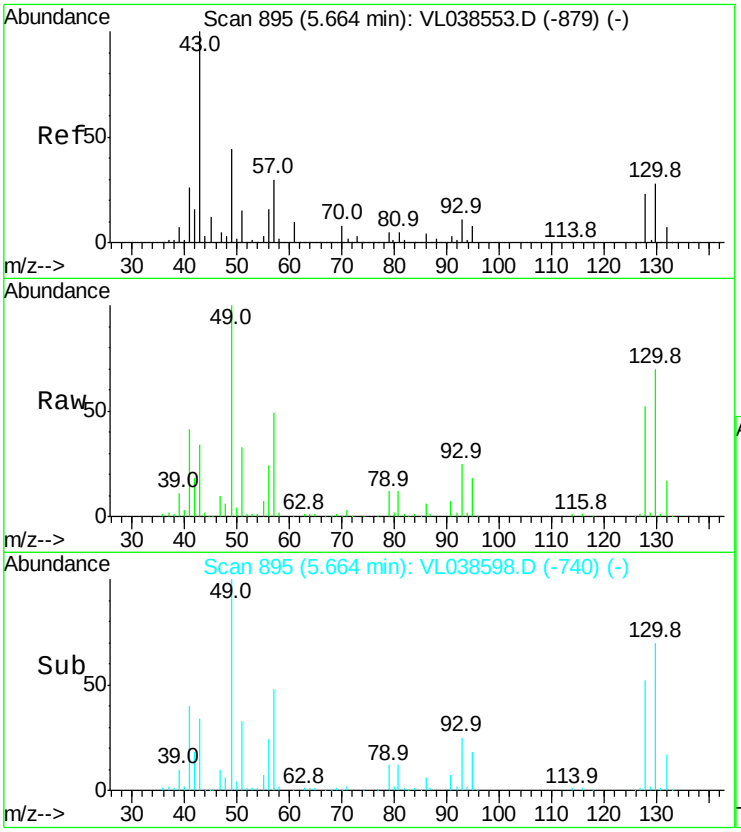


#21
Allyl Chloride
Concen: 0.03 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.07 min
Lab File: VL038598.D
Acq: 14 Mar 2022 16:18

Tgt Ion: 41 Resp: 1802

Ion	Ratio	Lower	Upper
41	100		
76	1039.8	24.3	36.5#
39	74.5	57.1	85.7



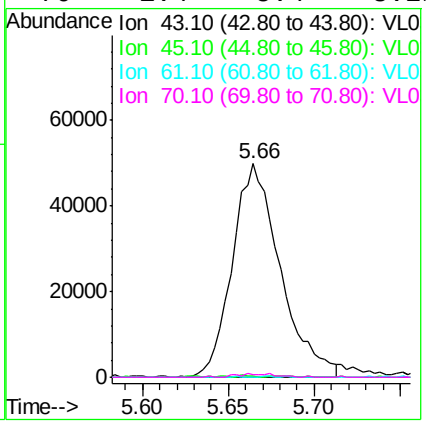


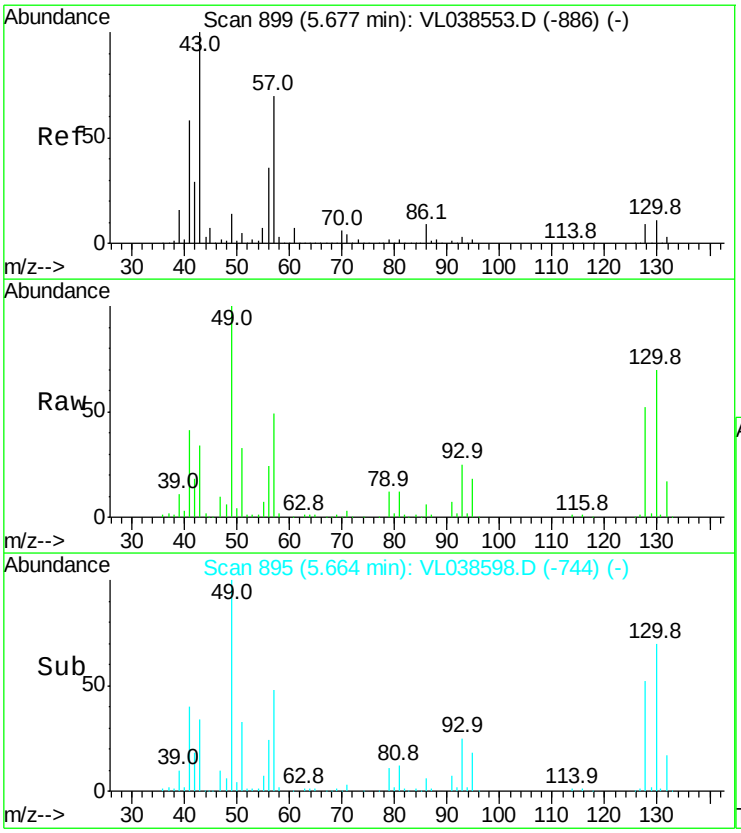
#25
Ethyl Acetate
Concen: 0.49 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 14 Mar 2022 16:18

Instrument :
MSVOA_L
ClientSampleId :
SS-2DLDUP

Tgt Ion: 43 Resp: 96559

Ion	Ratio	Lower	Upper
43	100		
45	0.3	8.0	12.0#
61	0.0	8.2	12.4#
70	1.4	5.4	8.2#

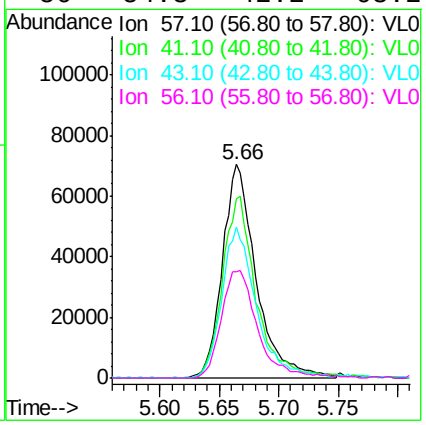


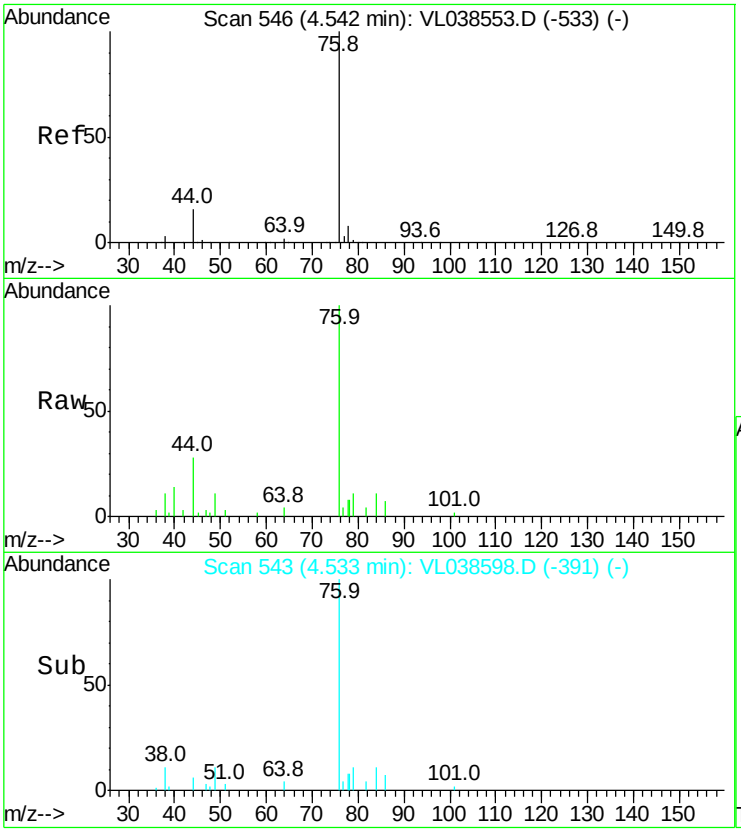


#26
Hexane
Concen: 1.49 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL038598.D
Acq: 14 Mar 2022 16:18

Tgt Ion: 57 Resp: 138478

Ion	Ratio	Lower	Upper
57	100		
41	85.7	67.8	101.6
43	73.2	173.6	260.4#
56	54.3	42.2	63.2



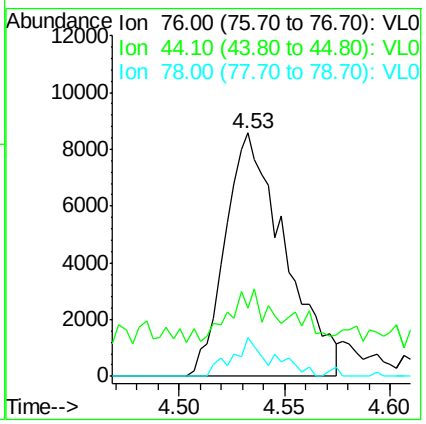


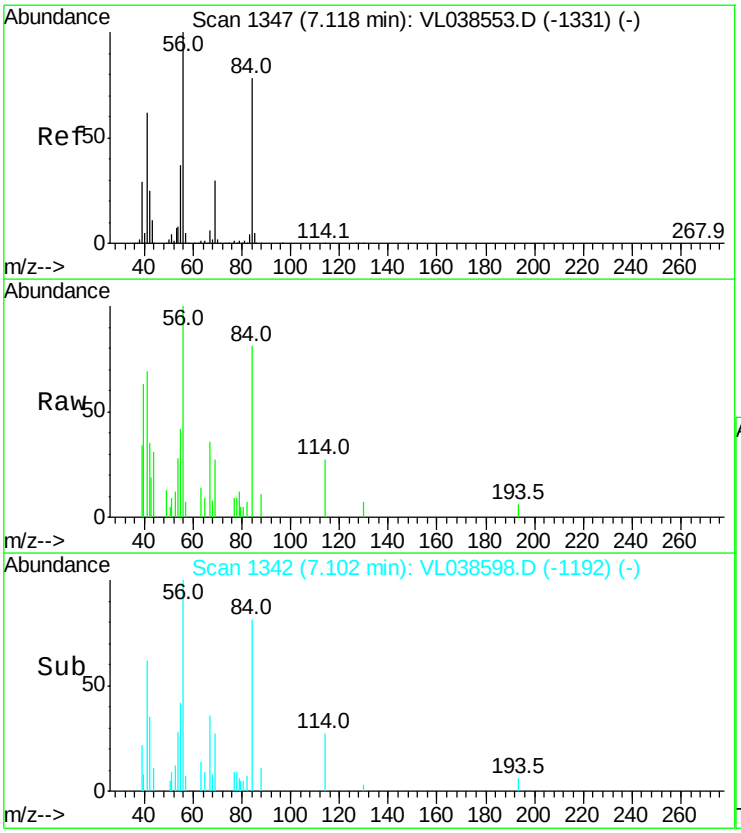
#27
Carbon Disulfide
Concen: 0.18 ppbv
RT: 4.53
Delta R.T
Lab File:
Acq: 14 Mar 2022 16:18

Instrument :
MSVOA_L
ClientSampleId :
SS-2DLDUP

Tgt Ion: 76 Resp: 16842

Ion	Ratio	Lower	Upper
76	100		
44	21.6	12.9	19.3#
78	11.2	7.8	11.6

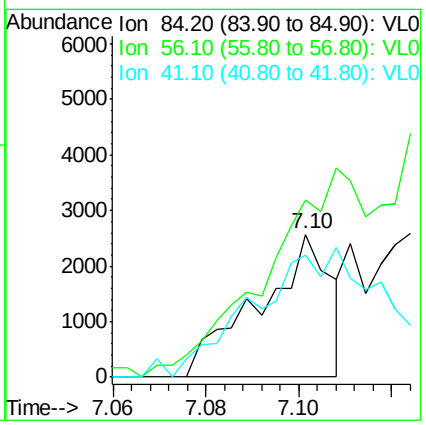


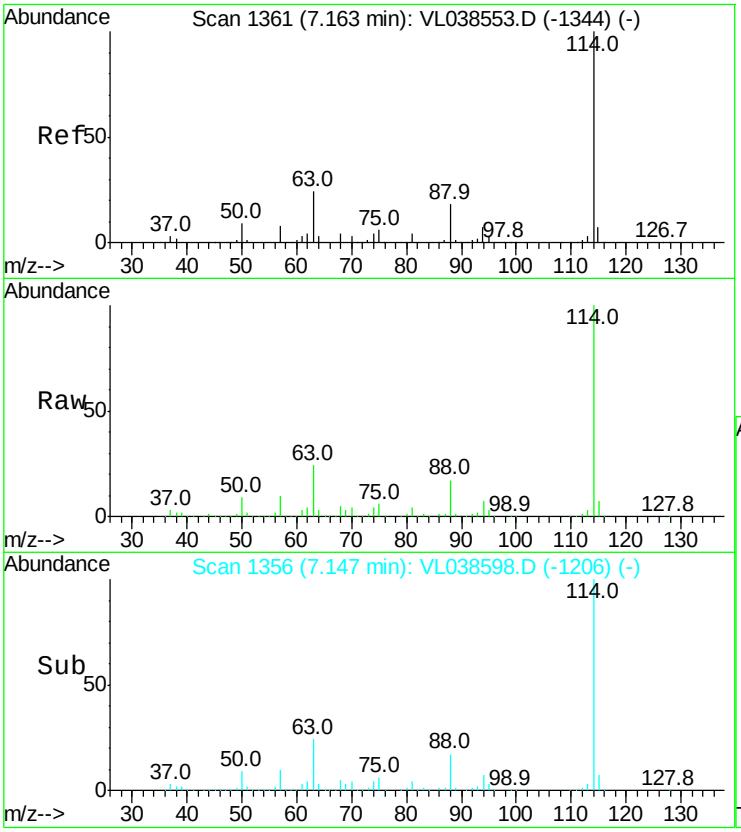


#30
Cyclohexane
Concen: 0.03 ppbv
RT: 7.10 min Scan# 1342
Delta R.T. -0.02 min
Lab File: VL038598.D
Acq: 14 Mar 2022 16:18

Tgt Ion: 84 Resp: 2784

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



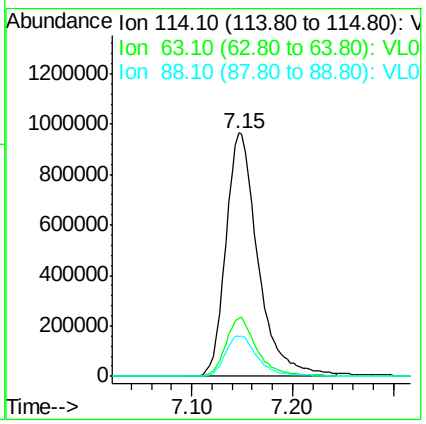


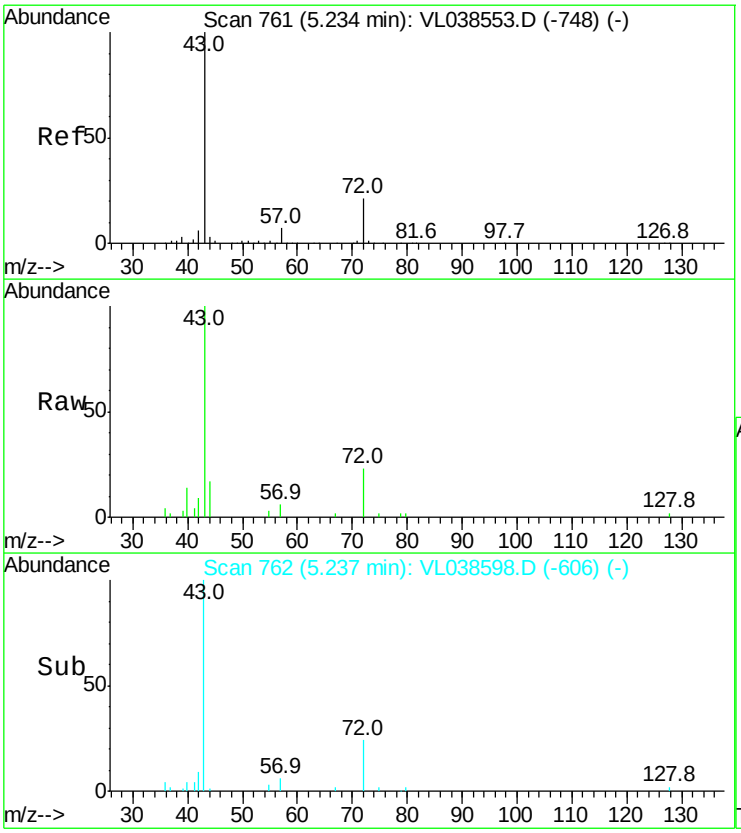
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 14 Mar 2022 16:18

Instrument :
MSVOA_L
ClientSampleId :
SS-2DLDUP

Tgt Ion:114 Resp: 2144463

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.6	29.4
88	17.2	13.9	20.9

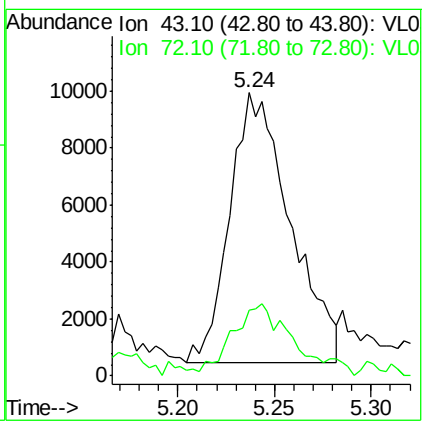


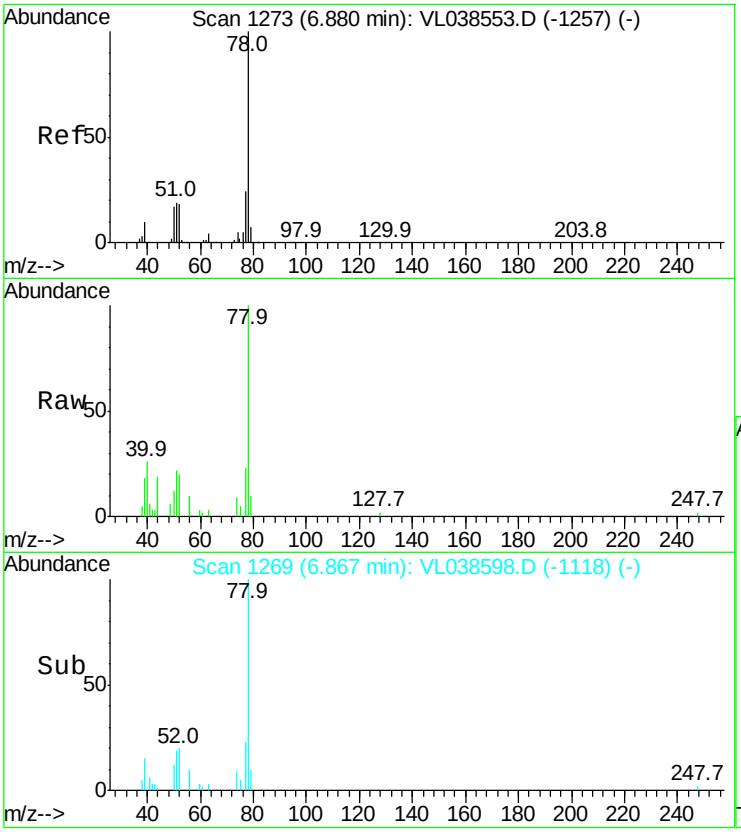


#34
2-Butanone
Concen: 0.37 ppbv
RT: 5.24 min Scan# 762
Delta R.T. 0.00 min
Lab File: VL038598.D
Acq: 14 Mar 2022 16:18

Tgt Ion: 43 Resp: 20584

Ion	Ratio	Lower	Upper
43	100		
72	27.4	17.8	26.6#



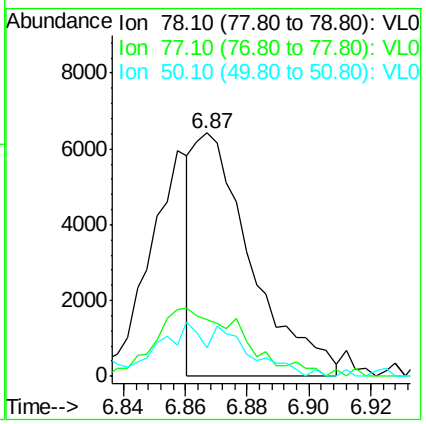


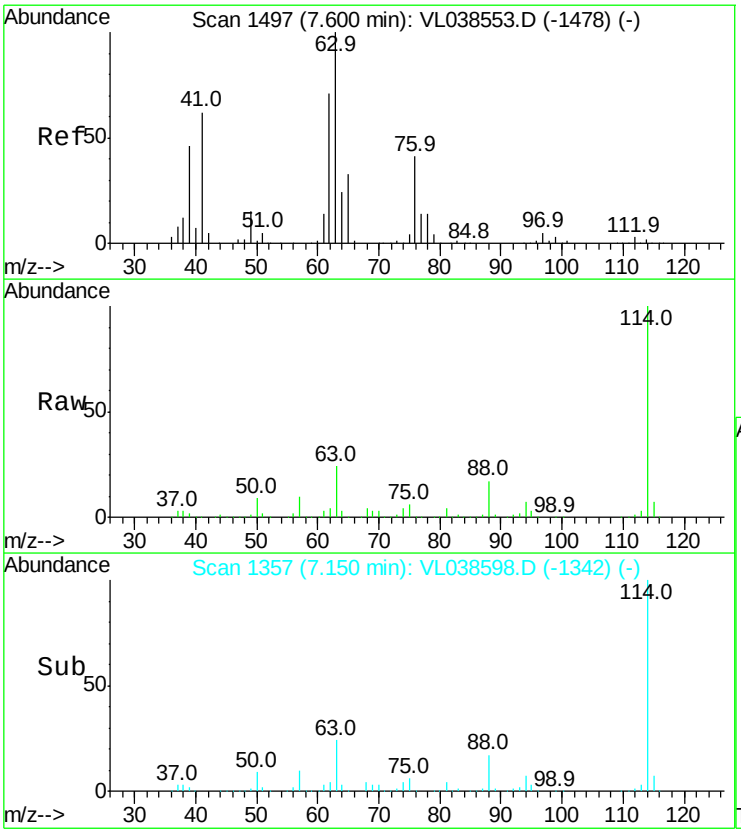
#36
Benzene
Concen: 0.04 ppbv
RT: 6.87
Delta R.T
Lab File:
Acq: 14 Mar 2022 16:18

Instrument :
MSVOA_L
ClientSampleId :
SS-2DLDUP

Tgt Ion: 78 Resp: 8250

Ion	Ratio	Lower	Upper
78	100		
77	21.4	19.0	28.4
50	12.5	13.9	20.9#

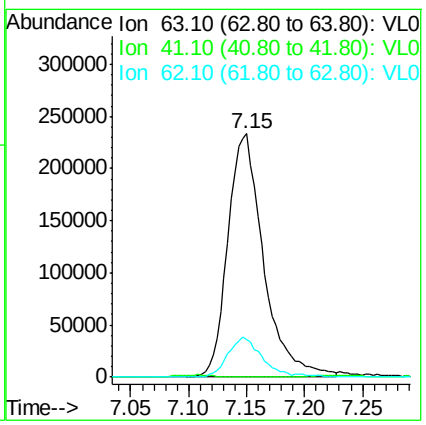


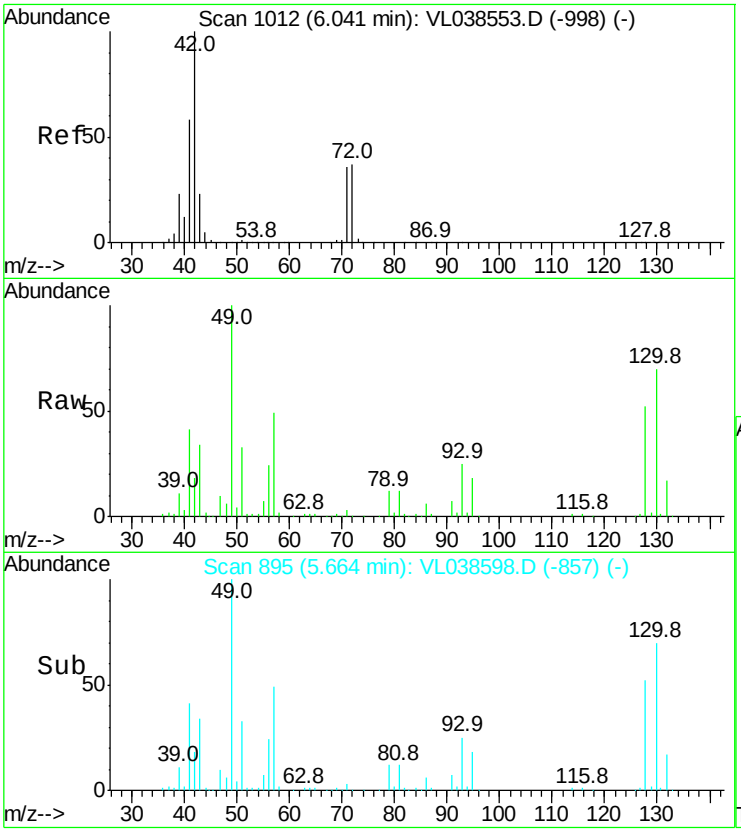


#39
1,2-Dichloropropane
Concen: 6.71 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.45 min
Lab File: VL038598.D
Acq: 14 Mar 2022 16:18

Tgt Ion: 63 Resp: 499463

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.8	74.6#
62	15.4	56.7	85.1#



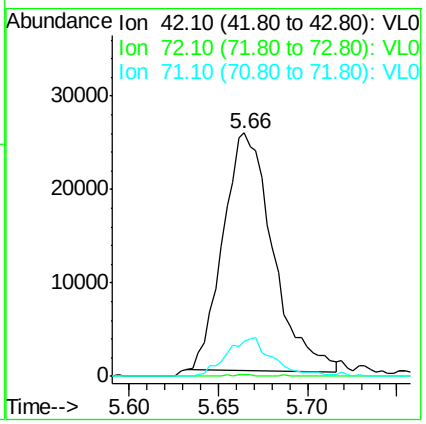


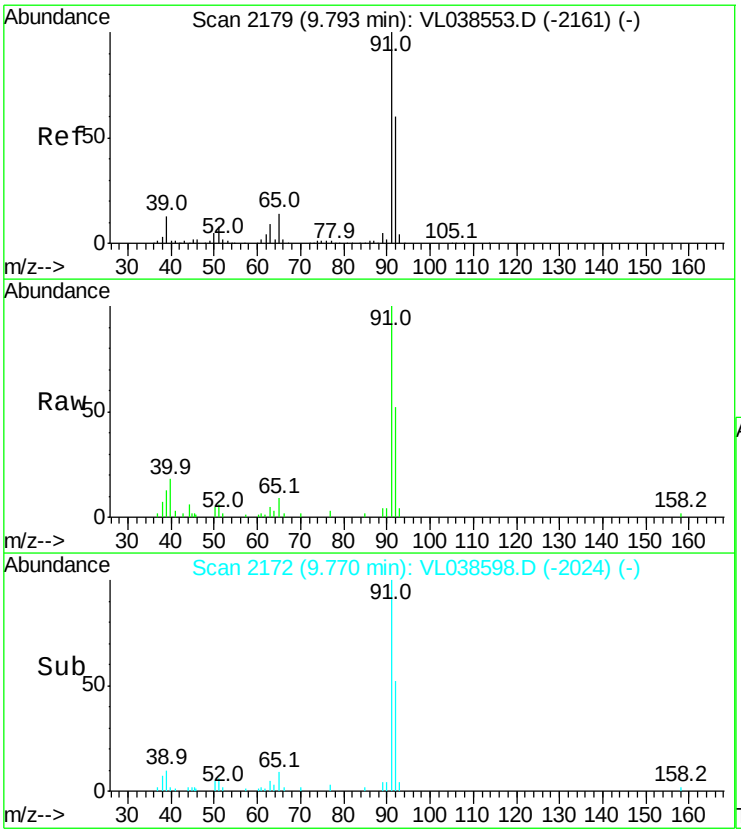
#41
Tetrahydrofuran
Concen: 1.09 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 14 Mar 2022 16:18

Instrument :
MSVOA_L
ClientSampleId :
SS-2DLDUP

Tgt Ion: 42 Resp: 49594

Ion	Ratio	Lower	Upper
42	100		
72	0.3	30.9	46.3#
71	15.3	29.1	43.7#

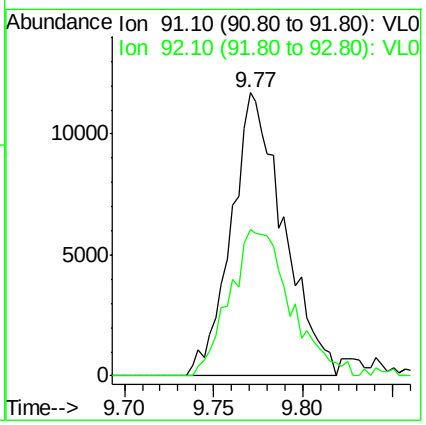


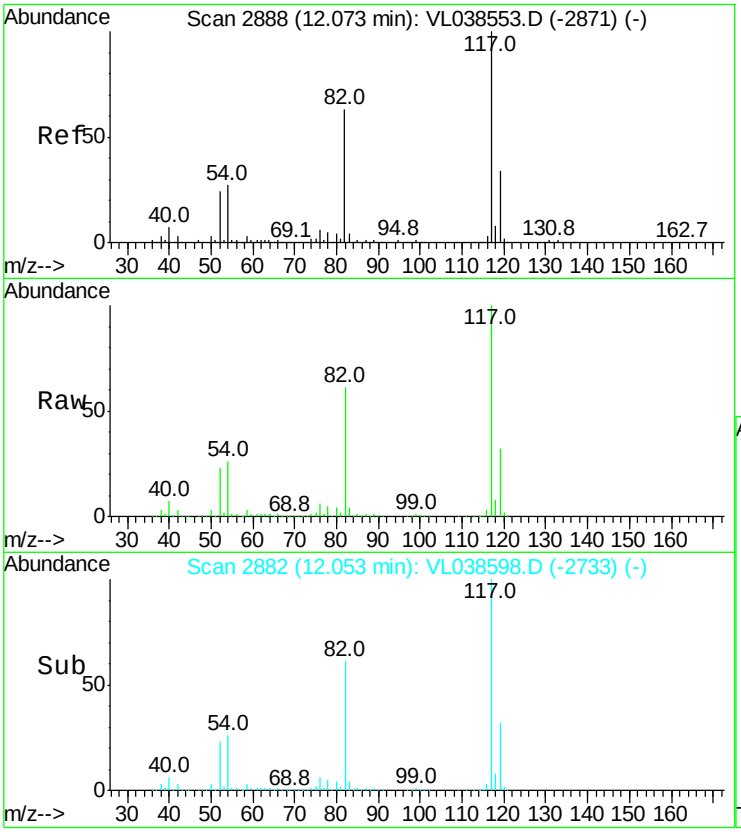


#53
Toluene
Concen: 0.12 ppbv
RT: 9.77 min Scan# 2172
Delta R.T. -0.02 min
Lab File: VL038598.D
Acq: 14 Mar 2022 16:18

Tgt Ion: 91 Resp: 23992

Ion	Ratio	Lower	Upper
91	100		
92	59.7	48.1	72.1



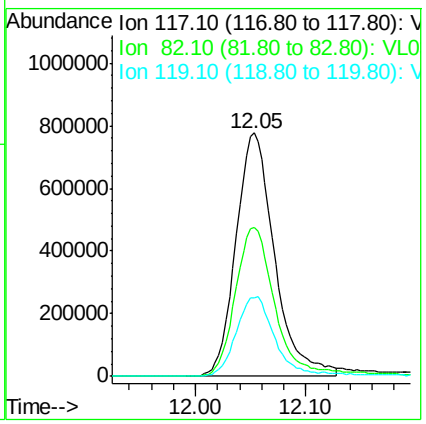


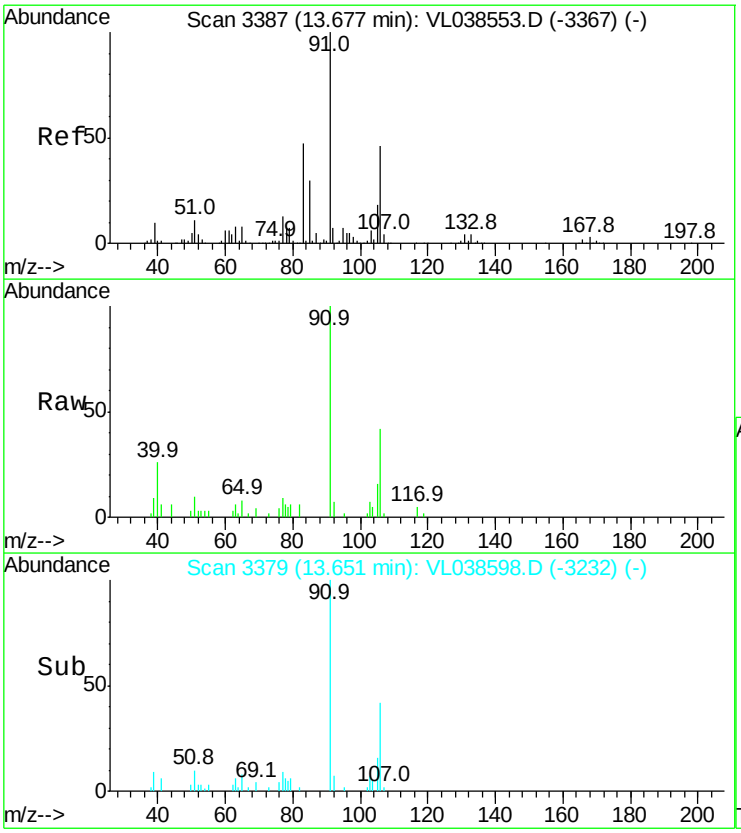
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.05
Delta R.T
Lab File:
Acq: 14 Mar 2022 16:18

Instrument :
MSVOA_L
ClientSampleId :
SS-2DLDUP

Tgt Ion:117 Resp: 1884632

Ion	Ratio	Lower	Upper
117	100		
82	66.2	52.5	78.7
119	35.0	46.4	69.6#

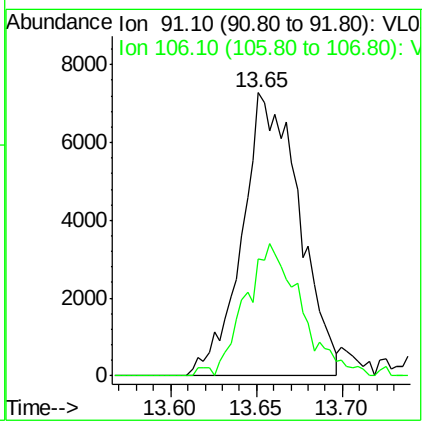


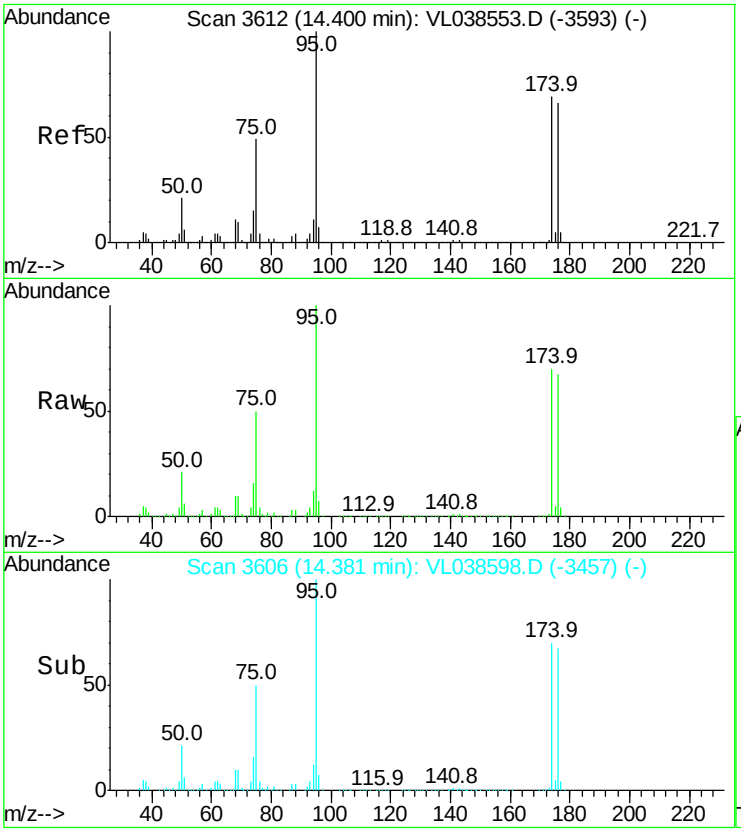


#60
o-Xylene
Concen: 0.08 ppbv
RT: 13.65 min Scan# 3379
Delta R.T. -0.03 min
Lab File: VL038598.D
Acq: 14 Mar 2022 16:18

Tgt Ion: 91 Resp: 16763

Ion	Ratio	Lower	Upper
91	100		
106	45.9	23.5	70.6



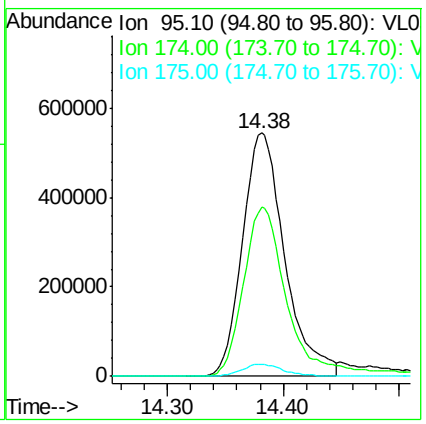


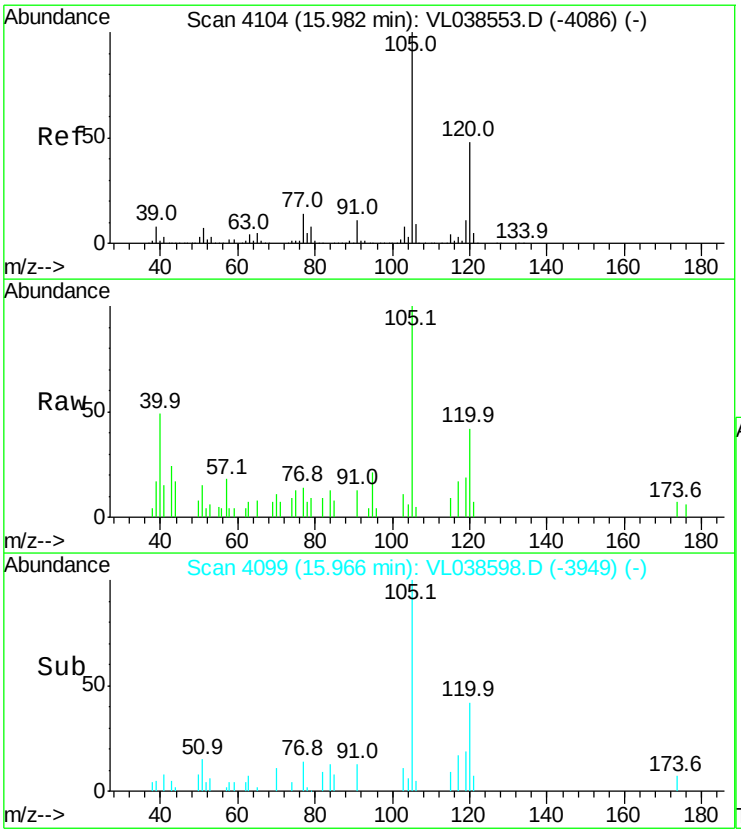
#68
1-Bromo-4-Fluorobenzene
Concen: 9.63 ppbv
RT: 14.38
Delta R.T
Lab File:
Acq: 14 Mar 2022 16:18

Instrument :
MSVOA_L
ClientSampleId :
SS-2DLDUP

Tgt Ion: 95 Resp: 1379766

Ion	Ratio	Lower	Upper
95	100		
174	75.1	56.2	84.4
175	5.4	4.2	6.2

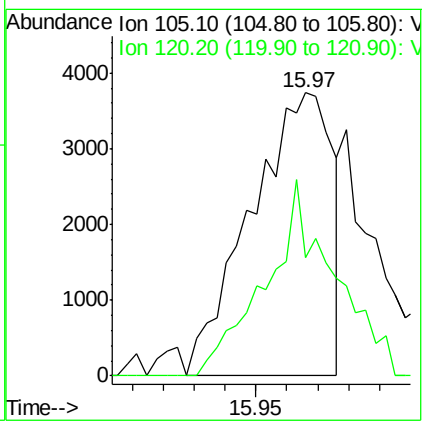


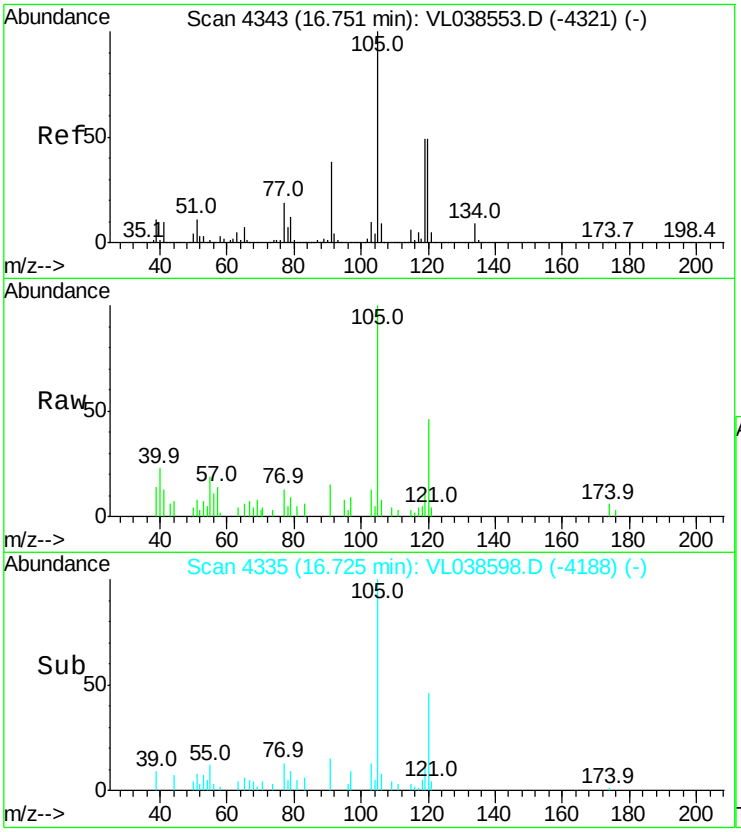


#73
1,3,5-Trimethylbenzene
Concen: 0.03 ppbv
RT: 15.97 min Scan# 4099
Delta R.T. -0.02 min
Lab File: VL038598.D
Acq: 14 Mar 2022 16:18

Tgt Ion:105 Resp: 6857

Ion	Ratio	Lower	Upper
105	100		
120	41.7	38.3	57.5





#74
1,2,4-Trimethylbenzene
Concen: 0.04 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 14 Mar 2022 16:18

Instrument :
MSVOA_L
ClientSampleId :
SS-2DLDUP

Tgt Ion:105 Resp: 8362

Ion	Ratio	Lower	Upper
105	100		
120	45.2	38.9	58.3
91	14.5	30.6	46.0#
77	11.8	15.2	22.8#