Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081722\
Data File : VL039550.D
Acq On : 17 Aug 2022 16:16
Operator : SY/AP
Sample : N4125-01 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV1

Quant Time: Aug 18 05:36:40 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
QLast Update : Wed Aug 17 12:06:24 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.20	49	1127592	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2885891	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	2611367	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.78	95	1965845	10.00	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.00%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.68	51	5822	0.043	ppbv #	64
9) Propene	2.72	41	19540	0.317	ppbv	93
15) Acetone	3.50	43	119172	0.935	ppbv	92
20) Methylene Chloride	3.95	84	93726	1.807	ppbv	96
25) Ethyl Acetate	5.23	43	31087	0.114	ppbv #	77
26) Hexane	5.23	57	47170	0.423	ppbv #	39
30) Cyclohexane	6.61	84	9536	0.103	ppbv #	100
39) 1,2-Dichloropropane	6.66	63	705221	8.555	ppbv #	23
53) Toluene	9.23	91	31660	0.128	ppbv #	43
58) Ethyl Benzene	12.35	91	35050	0.116	ppbv	94
59) m/p-Xylene	12.36	91	31372	0.115	ppbv #	100
60) o-Xylene	13.07	91	14895	0.057	ppbv #	31
74) 1,2,4-Trimethylbenzene	16.12	105	32754	0.105	ppbv #	63

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081722\
Data File : VL039550.D
Acq On : 17 Aug 2022 16:16
Operator : SY/AP
Sample : N4125-01 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV1

Quant Time: Aug 18 05:36:40 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
QLast Update : Wed Aug 17 12:06:24 2022
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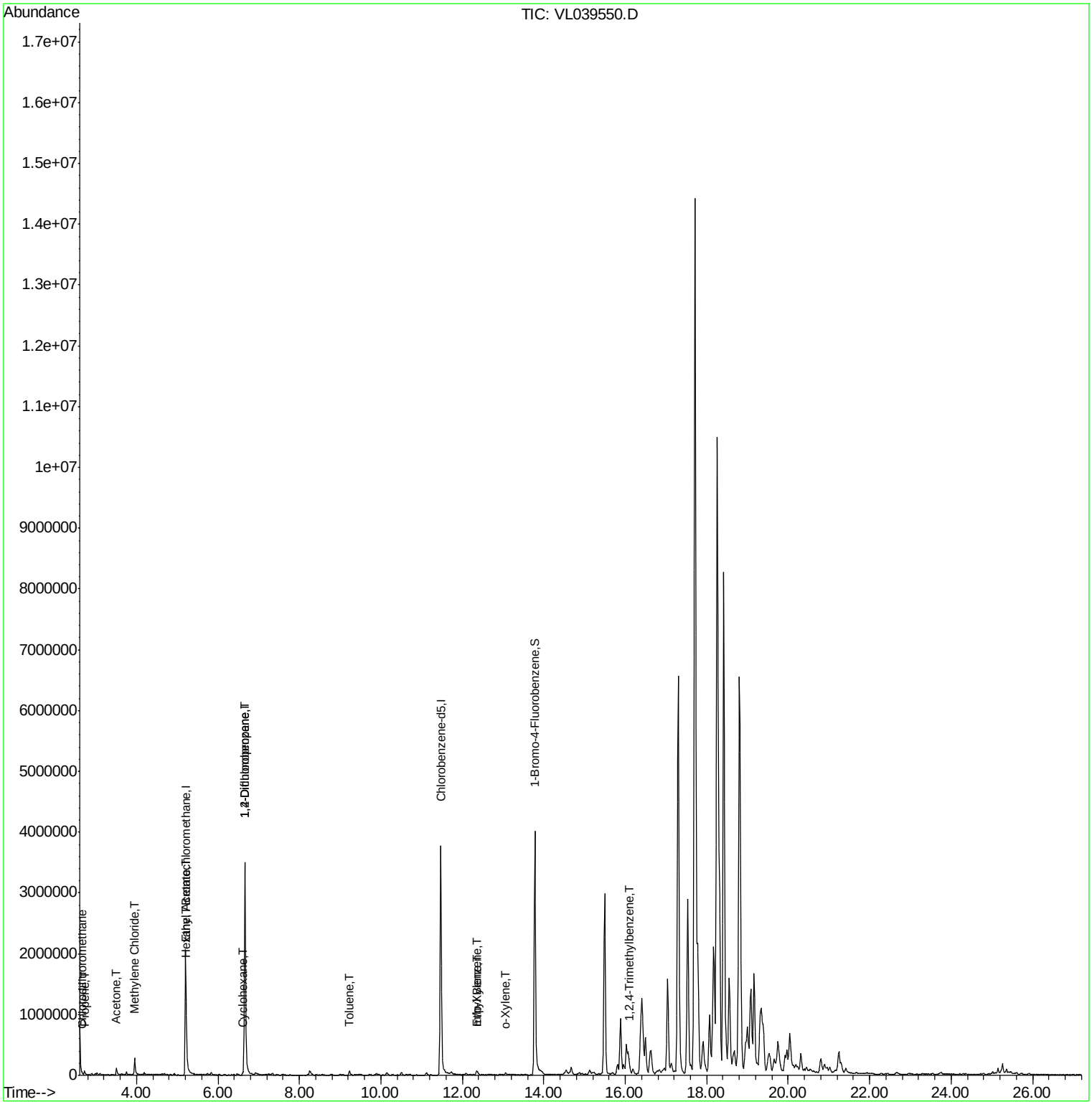
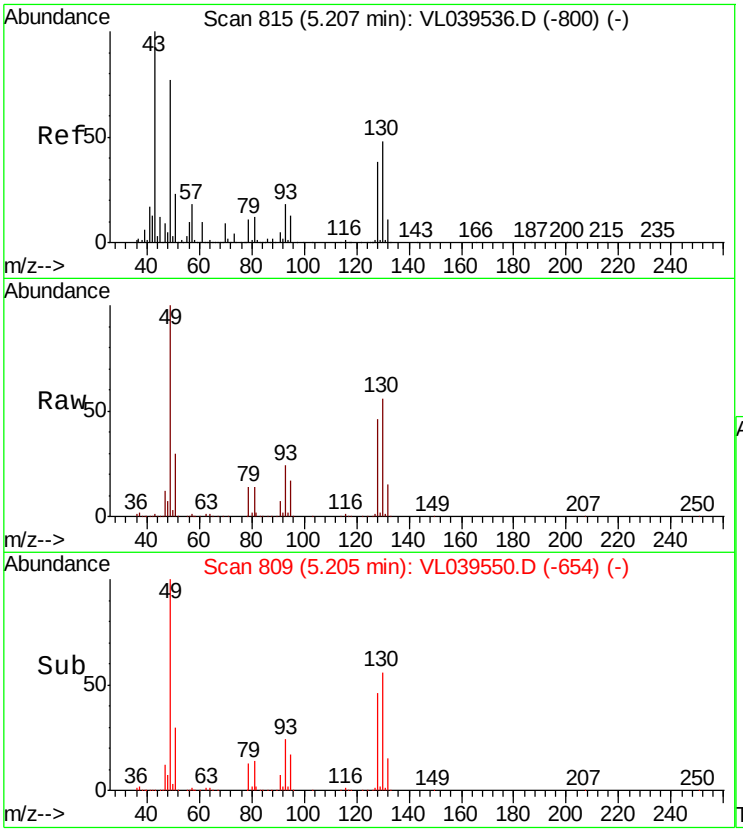


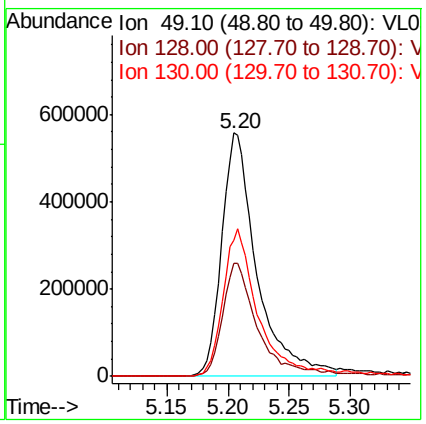


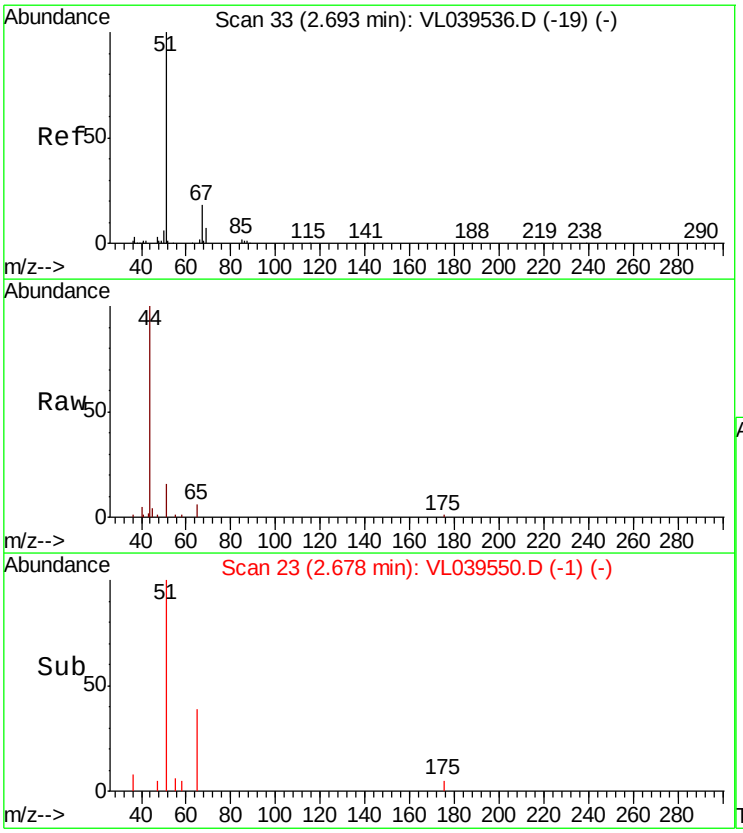
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.20
Delta R.T
Lab File:
Acq: 17 Aug 2022 16:16

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 49 Resp: 1127592

Ion	Ratio	Lower	Upper
49	100		
128	48.9	25.7	77.0
130	63.2	31.6	95.0

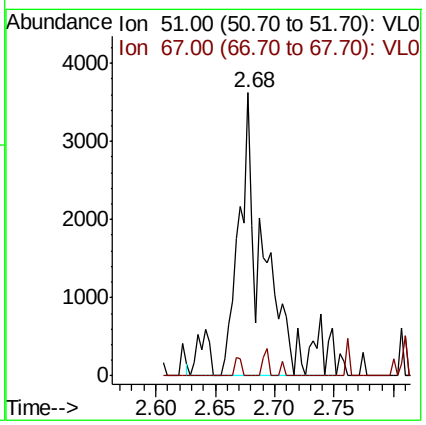


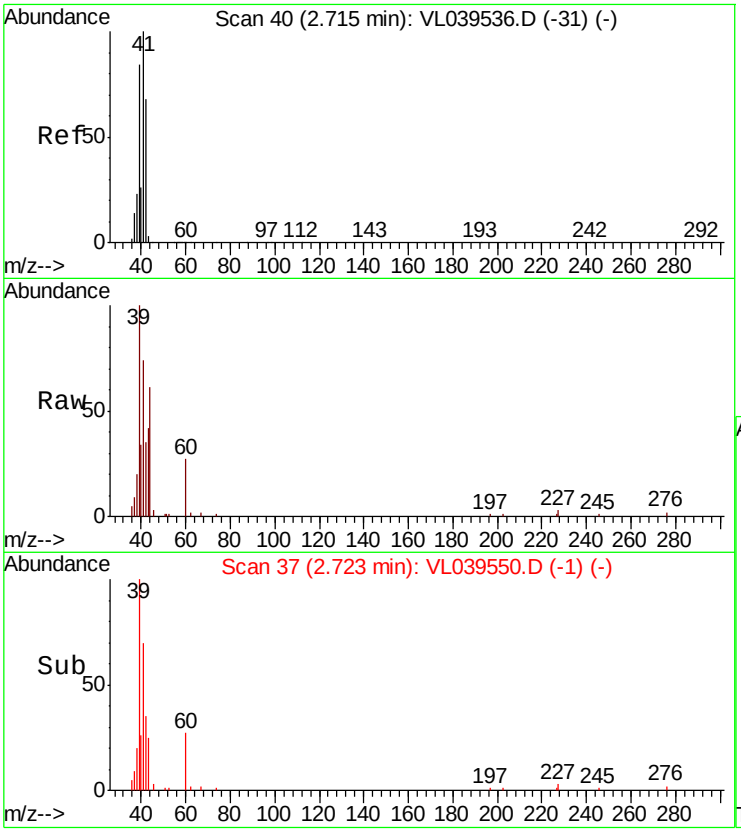


#3
Chlorodifluoromethane
Concen: 0.043 ppbv
RT: 2.68 min Scan# 23
Delta R.T. -0.02 min
Lab File: VL039550.D
Acq: 17 Aug 2022 16:16

Tgt Ion: 51 Resp: 5822

Ion	Ratio	Lower	Upper
51	100		
67	2.6	14.7	22.1#



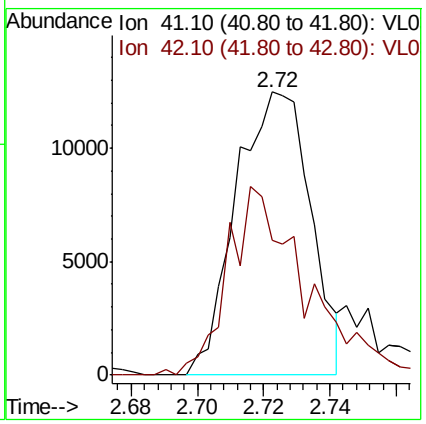


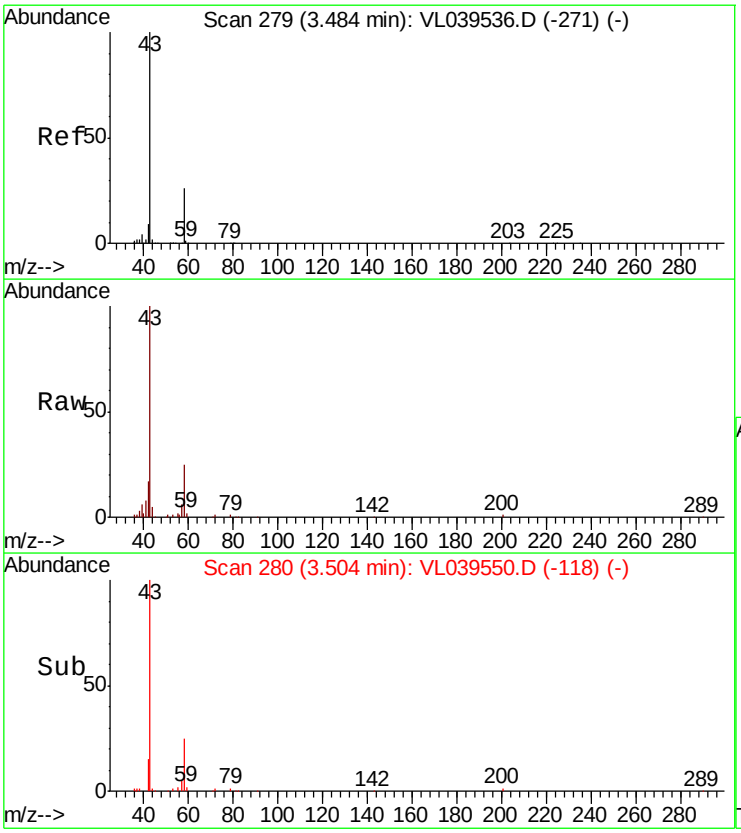
#9
Propene
Concen: 0.317 ppbv
RT: 2.72
Delta R.T
Lab File:
Acq: 17 Aug 2022 16:16

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 41 Resp: 19540

Ion	Ratio	Lower	Upper
41	100		
42	74.8	55.4	83.0

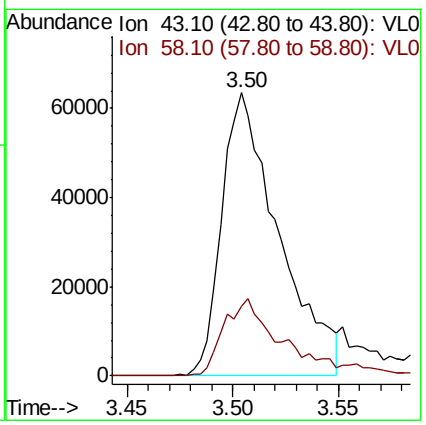


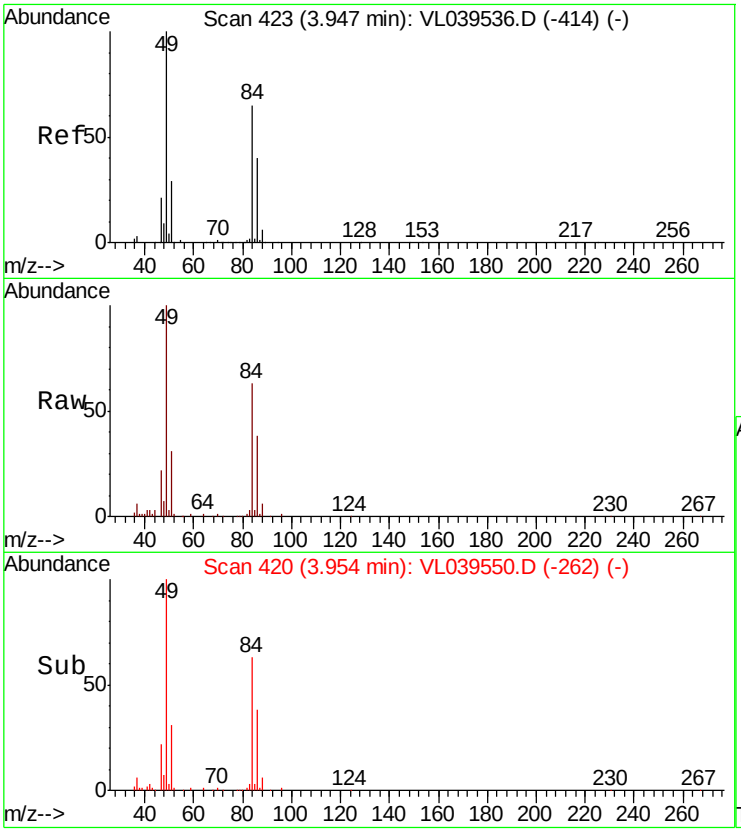


#15
Acetone
Concen: 0.935 ppbv
RT: 3.50 min Scan# 280
Delta R.T. 0.02 min
Lab File: VL039550.D
Acq: 17 Aug 2022 16:16

Tgt Ion: 43 Resp: 119172

Ion	Ratio	Lower	Upper
43	100		
58	30.1	20.7	31.1



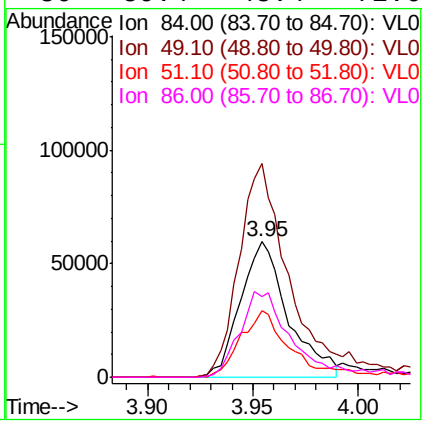


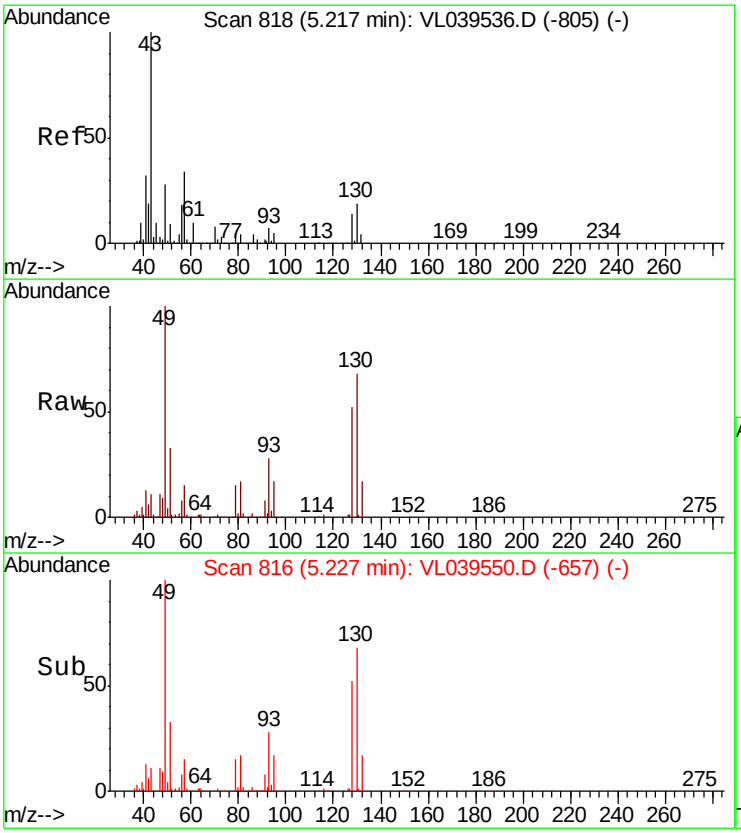
#20
Methylene Chloride
Concen: 1.807 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 17 Aug 2022 16:16

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 84 Resp: 93726

Ion	Ratio	Lower	Upper
84	100		
49	157.6	122.2	183.4
51	49.0	35.8	53.6
86	59.4	48.4	72.6

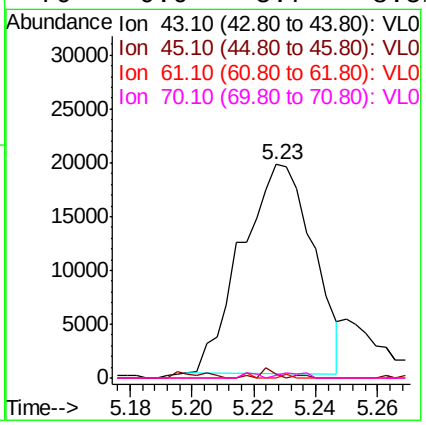


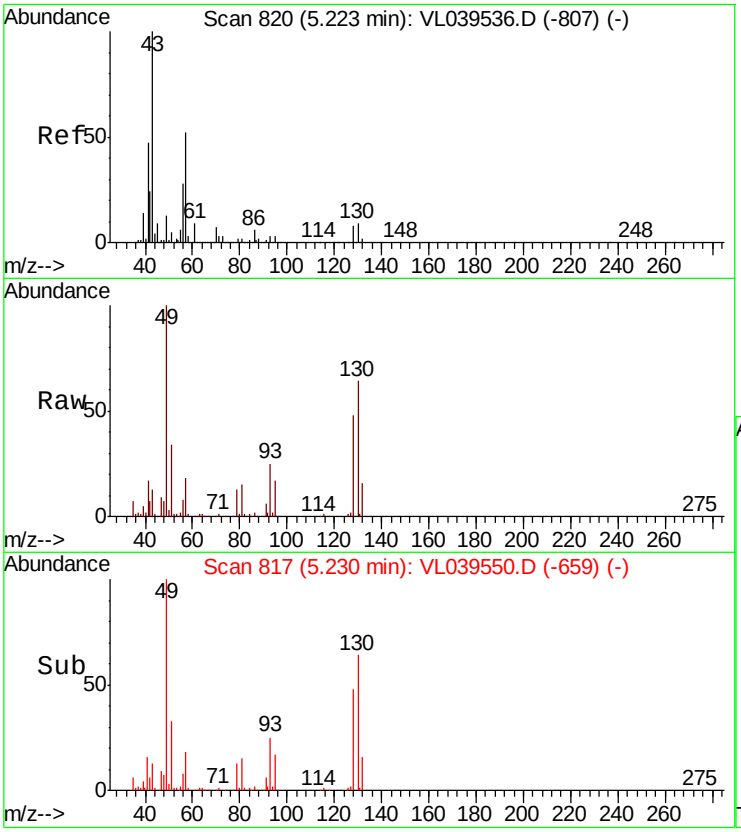


#25
Ethyl Acetate
Concen: 0.114 ppbv
RT: 5.23 min Scan# 816
Delta R.T. 0.01 min
Lab File: VL039550.D
Acq: 17 Aug 2022 16:16

Tgt Ion: 43 Resp: 31087

Ion	Ratio	Lower	Upper
43	100		
45	2.5	8.2	12.4#
61	0.5	8.6	12.8#
70	0.0	5.7	8.5#



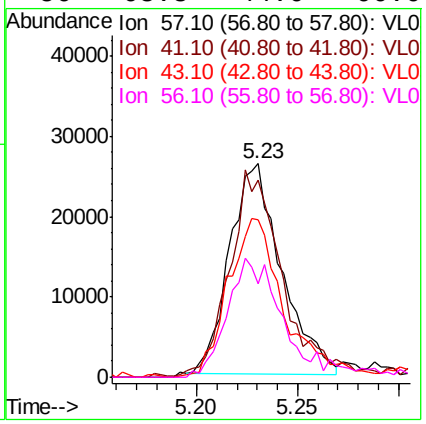


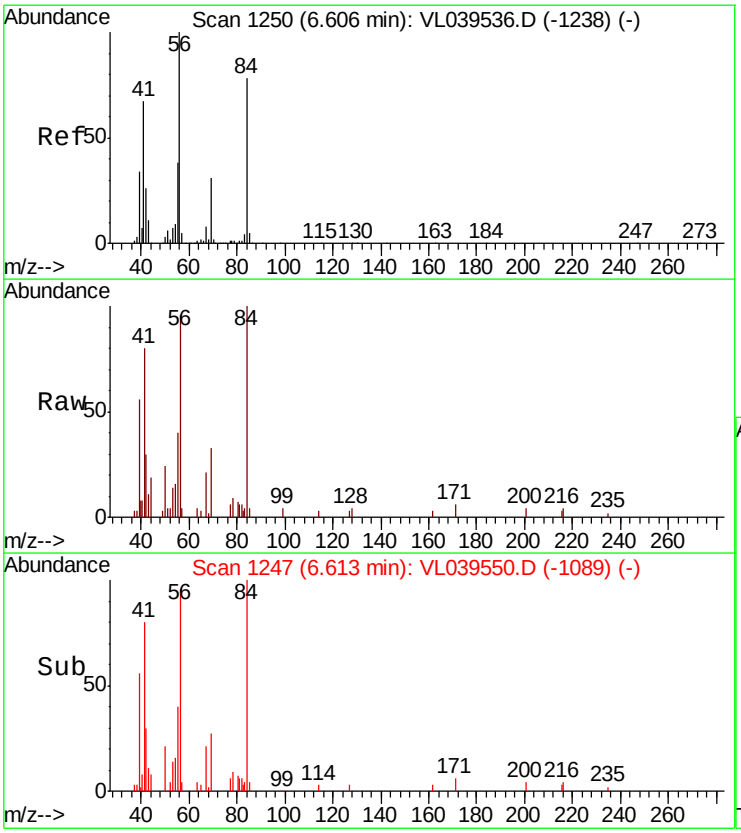
#26
Hexane
Concen: 0.423 ppbv
RT: 5.23
Delta R.T
Lab File:
Acq: 17 Aug 2022 16:16

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 57 Resp: 47170

Ion	Ratio	Lower	Upper
57	100		
41	102.6	79.4	119.2
43	83.5	199.7	299.5#
56	63.8	44.0	66.0

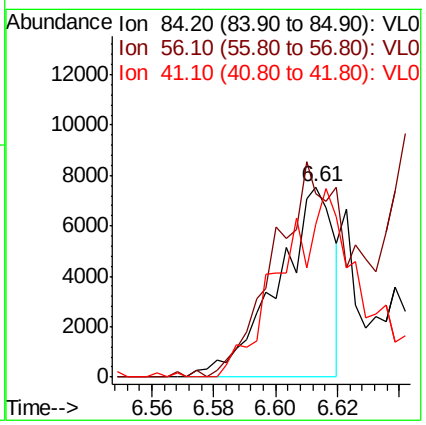


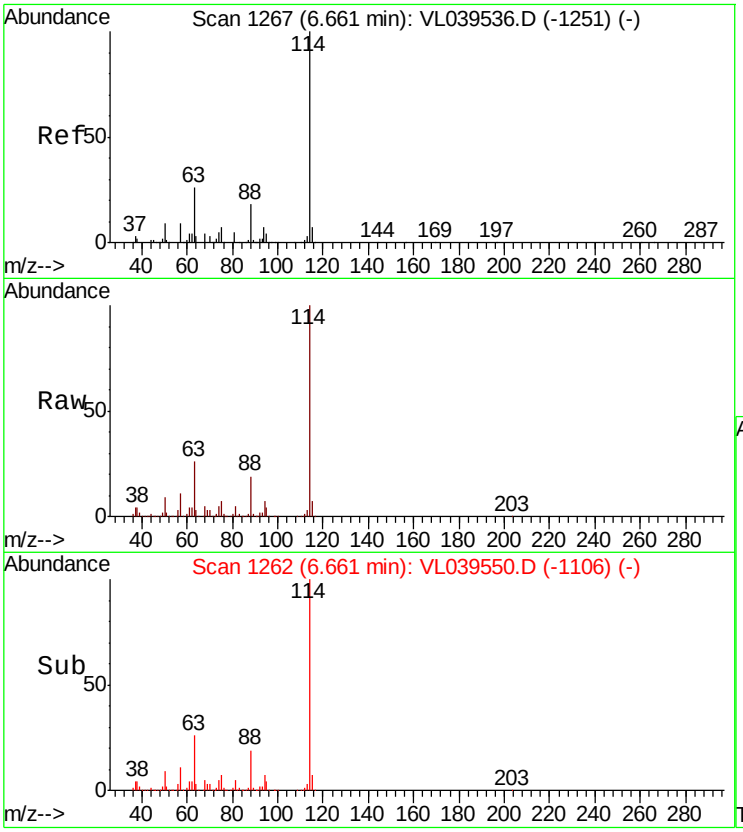


#30
Cyclohexane
Concen: 0.103 ppbv
RT: 6.61 min Scan# 1247
Delta R.T. 0.01 min
Lab File: VL039550.D
Acq: 17 Aug 2022 16:16

Tgt Ion: 84 Resp: 9536

Ion	Ratio	Lower	Upper
84	100		
56	156.2	0.0	0.0#
41	152.1	0.0	0.0#



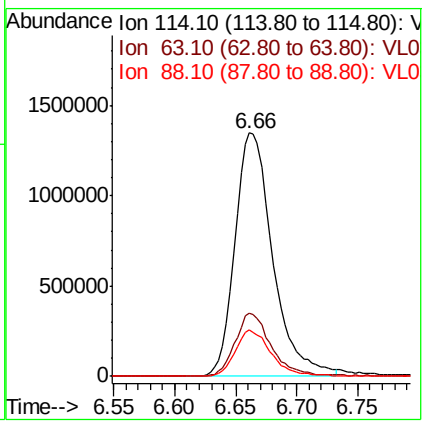


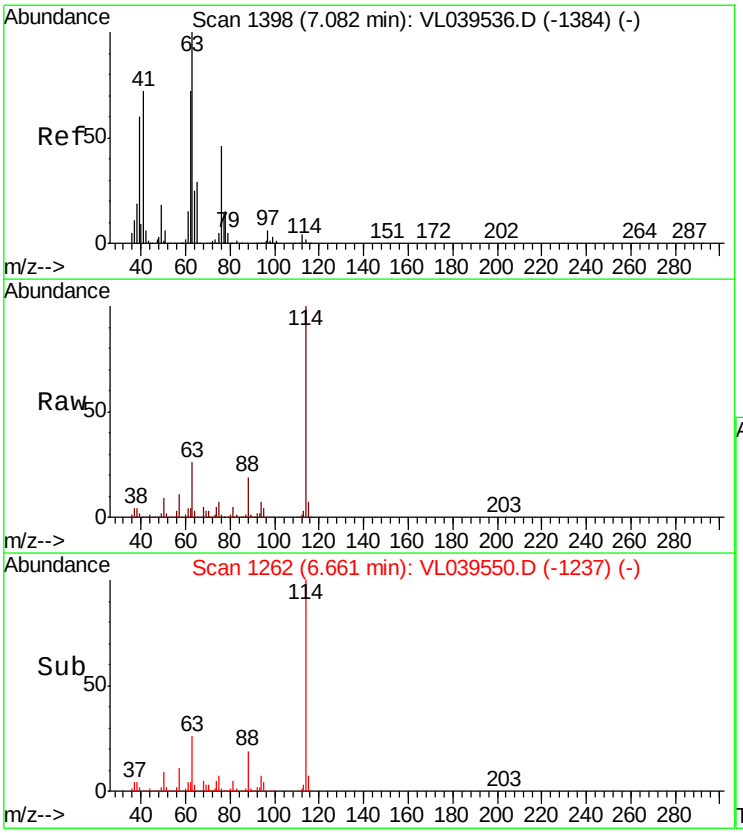
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.66
Delta R.T
Lab File:
Acq: 17 Aug 2022 16:16

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion:114 Resp: 2885891

Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.6	31.0
88	18.6	14.6	22.0

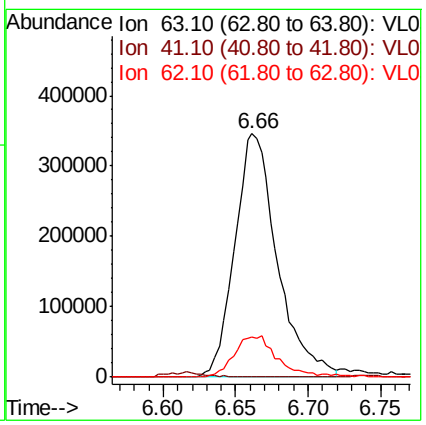


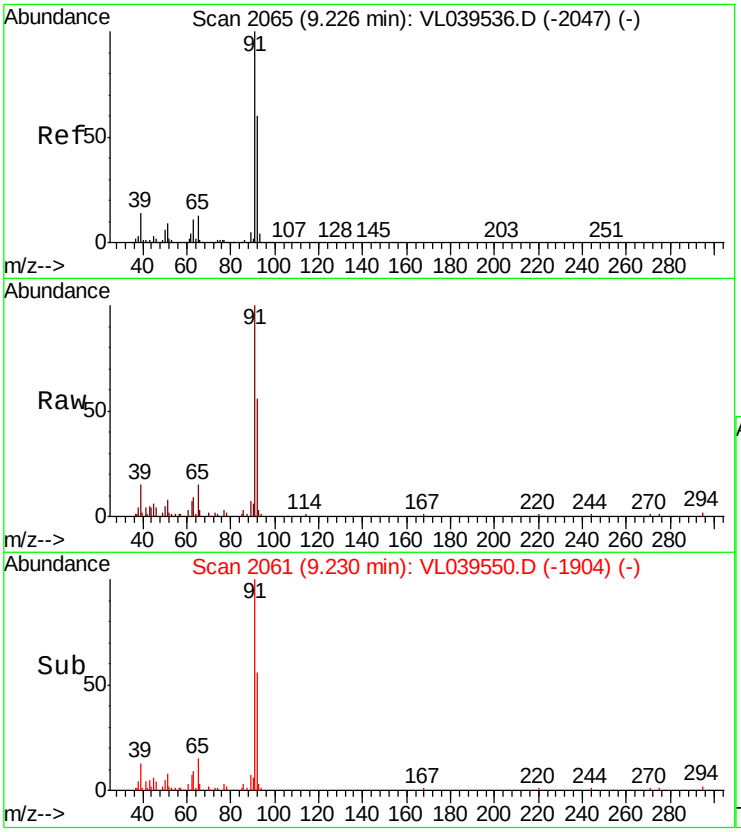


#39
1,2-Dichloropropane
Concen: 8.555 ppbv
RT: 6.66 min Scan# 1262
Delta R.T. -0.42 min
Lab File: VL039550.D
Acq: 17 Aug 2022 16:16

Tgt Ion: 63 Resp: 705221

Ion	Ratio	Lower	Upper
63	100		
41	0.0	58.0	87.0#
62	16.5	57.8	86.8#



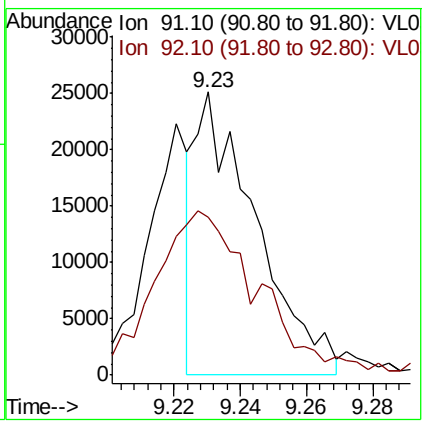


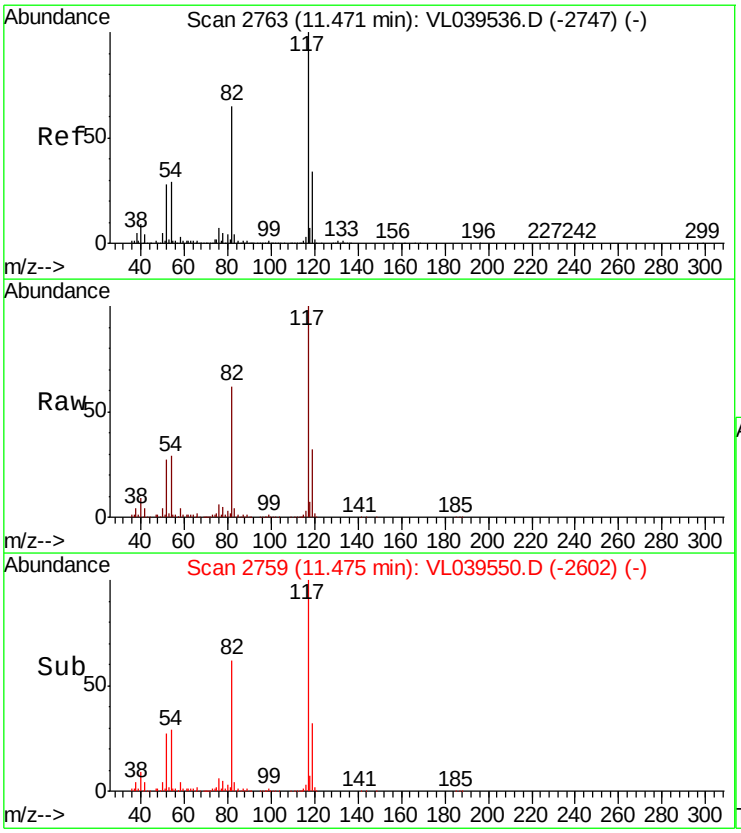
#53
Toluene
Concen: 0.128 ppbv
RT: 9.23
Delta R.T
Lab File:
Acq: 17 Aug 2022 16:16

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 91 Resp: 31660

Ion	Ratio	Lower	Upper
91	100		
92	102.7	47.9	71.9#

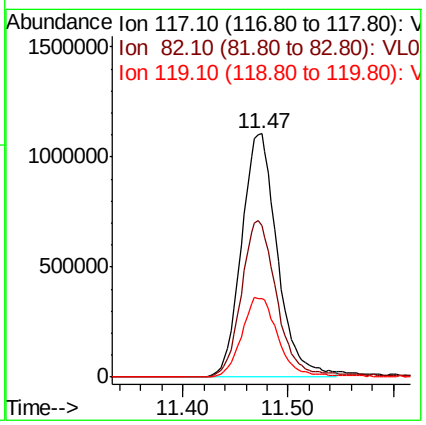


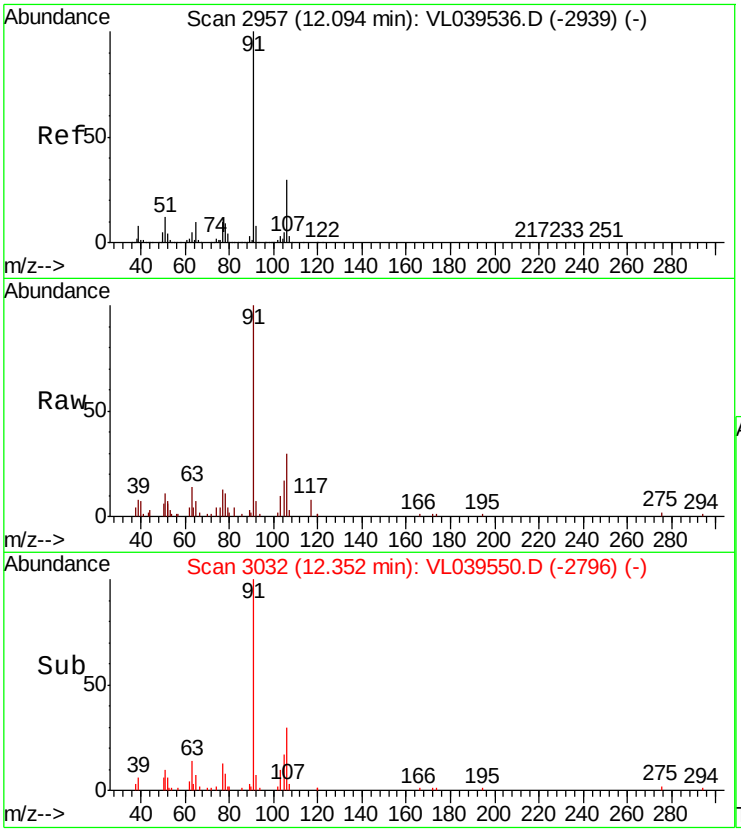


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.47 min Scan# 2759
Delta R.T. 0.00 min
Lab File: VL039550.D
Acq: 17 Aug 2022 16:16

Tgt Ion:117 Resp: 2611367

Ion	Ratio	Lower	Upper
117	100		
82	65.5	49.1	73.7
119	33.6	25.9	38.9



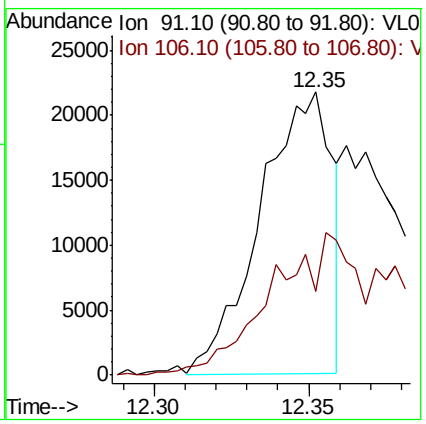


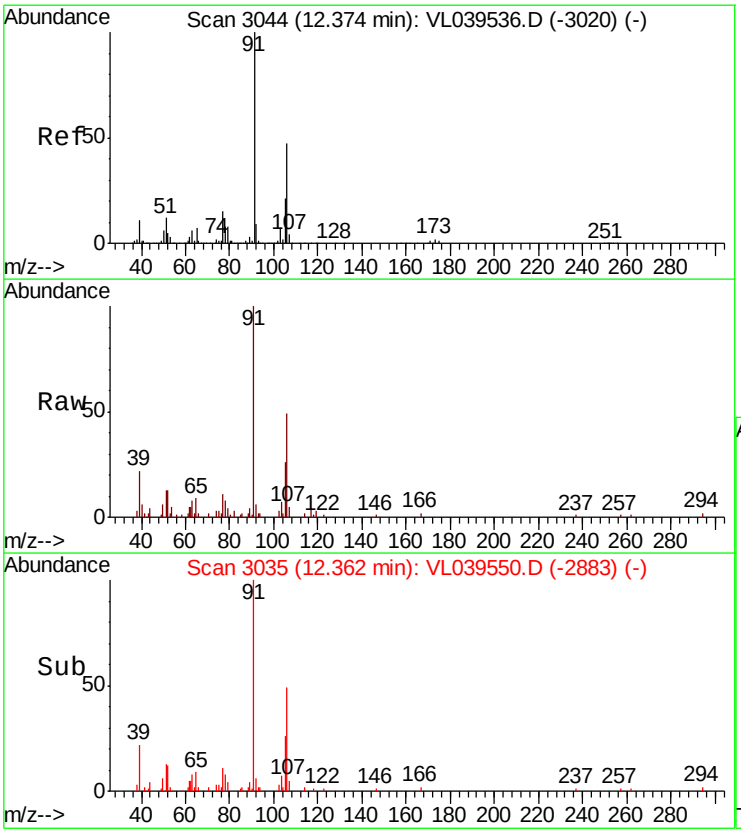
#58
Ethyl Benzene
Concen: 0.116 ppbv
RT: 12.35
Delta R.T
Lab File:
Acq: 17 Aug 2022 16:16

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 91 Resp: 35050

Ion	Ratio	Lower	Upper
91	100		
106	27.2	24.2	36.4

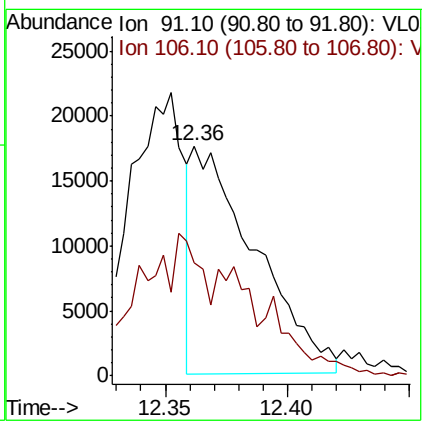


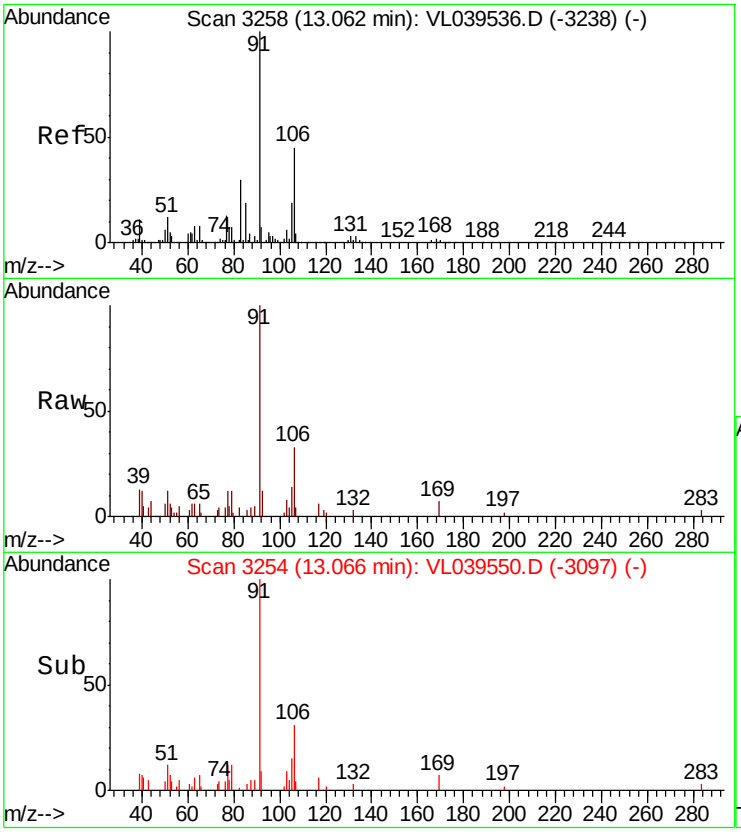


#59
m/p-Xylene
Concen: 0.115 ppbv
RT: 12.36 min Scan# 3035
Delta R.T. -0.01 min
Lab File: VL039550.D
Acq: 17 Aug 2022 16:16

Tgt Ion: 91 Resp: 31372

Ion	Ratio	Lower	Upper
91	100		
106	0.0	0.0	0.0



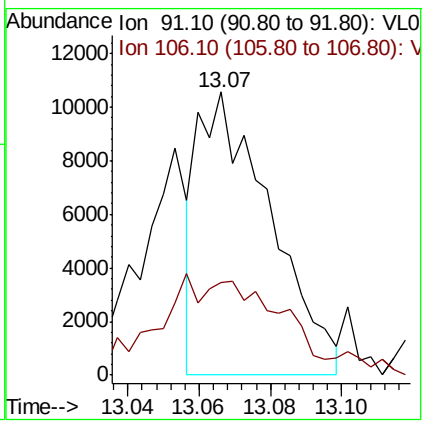


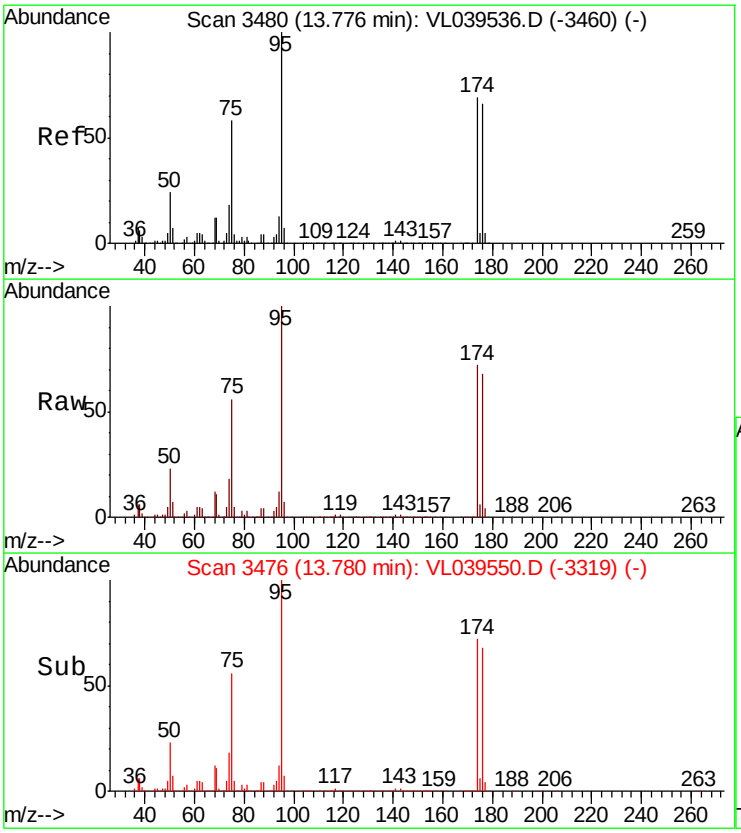
#60
o-Xylene
Concen: 0.057 ppbv
RT: 13.07
Delta R.T
Lab File:
Acq: 17 Aug 2022 16:16

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 91 Resp: 14895

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.7	68.0#

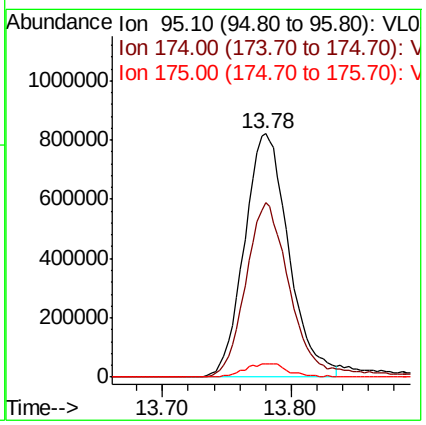


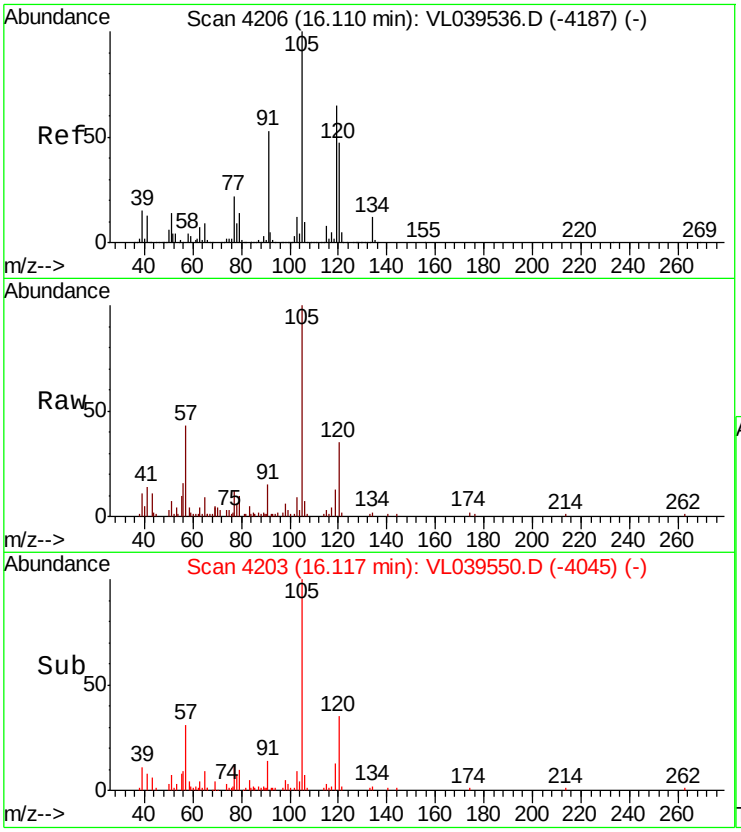


#68
1-Bromo-4-Fluorobenzene
Concen: 10.000 ppbv
RT: 13.78 min Scan# 3476
Delta R.T. 0.00 min
Lab File: VL039550.D
Acq: 17 Aug 2022 16:16

Tgt Ion: 95 Resp: 1965845

Ion	Ratio	Lower	Upper
95	100		
174	72.3	56.3	84.5
175	5.7	4.3	6.5





#74
1,2,4-Trimethylbenzene
Concen: 0.105 ppbv
RT: 16.12
Delta R.T
Lab File:
Acq: 17 Aug 2022 16:16

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion:105 Resp: 32754

Ion	Ratio	Lower	Upper
105	100		
120	35.1	37.8	56.8#
91	12.0	43.8	65.6#
77	10.6	17.8	26.6#