Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050922\
Data File : VL039015.D
Acq On : 10 May 2022 11:27
Operator : SY/AP
Sample : N2696-01DL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV1DL

Quant Time: May 11 01:44:58 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1037029	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	2971015	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.05	117	2500659	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	2112853	10.67	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.70%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.95	51	4853	0.038	ppbv #	68
9) Propene	3.01	41	40964	0.729	ppbv	94
10) Heptane	8.09	43	1717053	12.454	ppbv	99
13) Ethanol	3.60	45	7656	1.925	ppbv #	31
15) Acetone	3.84	43	18002	0.184	ppbv #	25
16) 1,3-Butadiene	3.32	39	1830	0.033	ppbv #	21
20) Methylene Chloride	4.33	84	37615	1.020	ppbv	88
25) Ethyl Acetate	5.66	43	108171	0.462	ppbv #	77
26) Hexane	5.66	57	156449	1.504	ppbv #	38
30) Cyclohexane	7.09	84	7303	0.084	ppbv #	1
39) 1,2-Dichloropropane	7.14	63	677511	6.848	ppbv #	25
42) Bromodichloromethane	7.76	83	34611	0.161	ppbv #	24
44) 2,2,4-Trimethylpentane	7.83	57	85899	0.193	ppbv #	1
47) 1,1,2-Trichloroethane	9.53	97	75297	0.732	ppbv #	59
50) 4-Methyl-2-Pentanone	8.73	43	22751	0.086	ppbv #	39
51) 2-Hexanone	10.08	43	1639082	8.450	ppbv #	28
52) Tetrachloroethene	11.18	164	8851	0.097	ppbv #	84
53) Toluene	9.77	91	33402	0.117	ppbv	94
57) Chlorobenzene	12.10	112	12380	0.066	ppbv #	24
58) Ethyl Benzene	12.67	91	14981	0.042	ppbv	89
60) o-Xylene	13.66	91	38746	0.134	ppbv	88
63) 1,1,2,2-Tetrachloroethane	13.63	83	13459	0.079	ppbv #	24

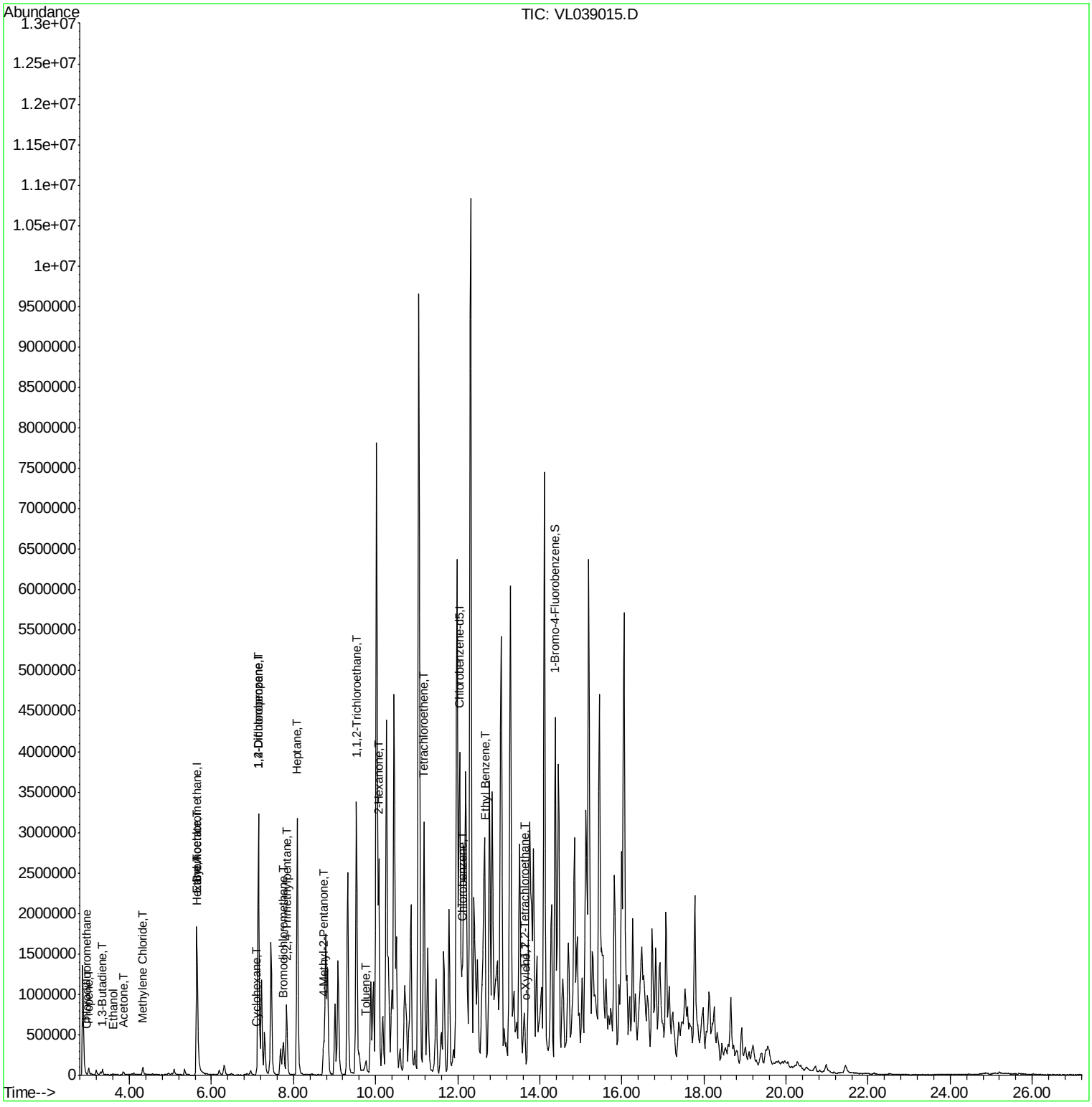
(#) = qualifier out of range (m) = manual integration (+) = signals summed

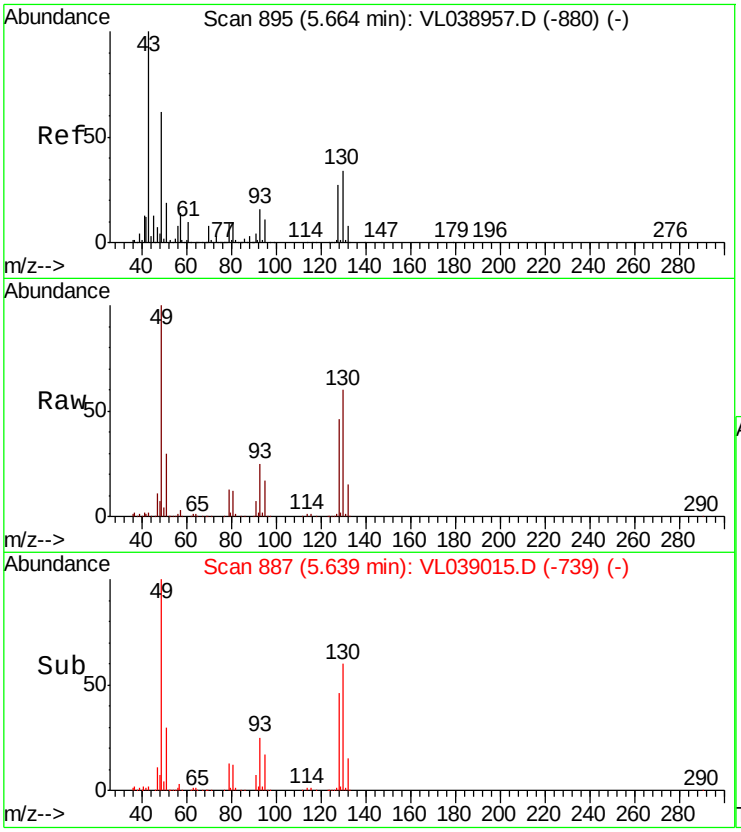
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050922\
Data File : VL039015.D
Acq On : 10 May 2022 11:27
Operator : SY/AP
Sample : N2696-01DL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Quant Time: May 11 01:44:58 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration



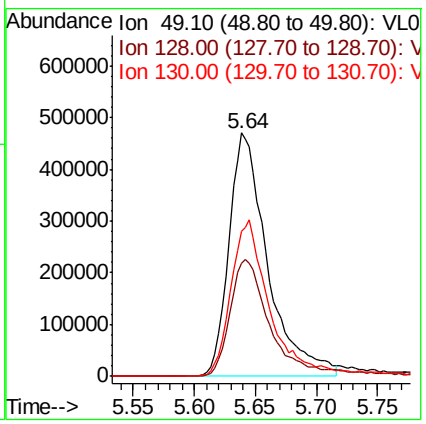


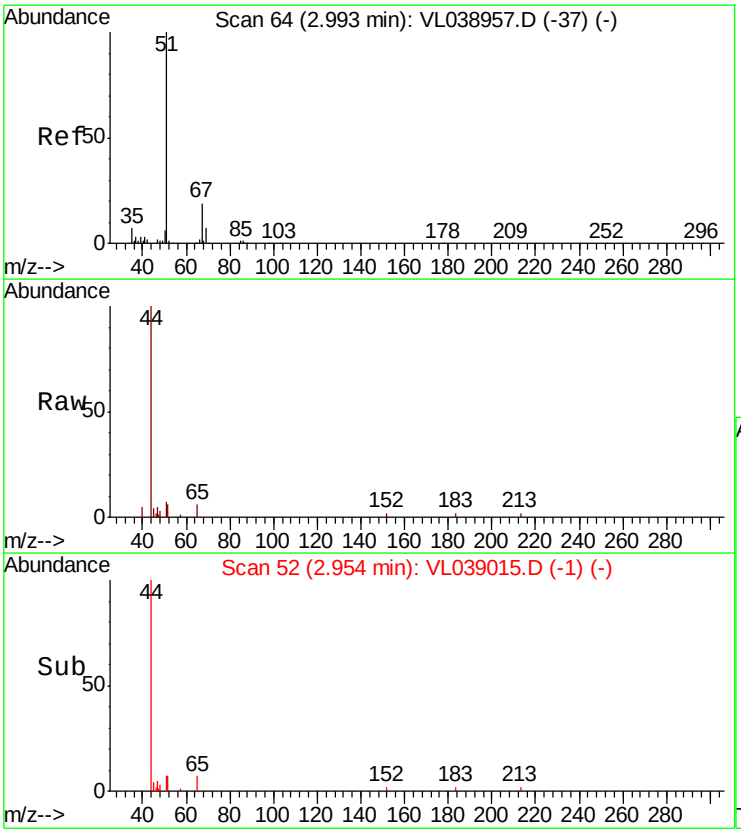
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 10 May 2022 11:27

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 49 Resp: 1037029

Ion	Ratio	Lower	Upper
49	100		
128	51.9	23.3	69.8
130	67.5	29.8	89.3

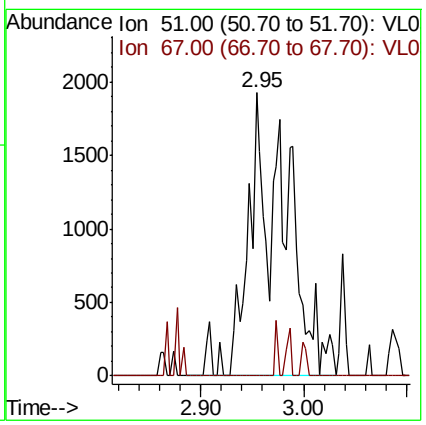


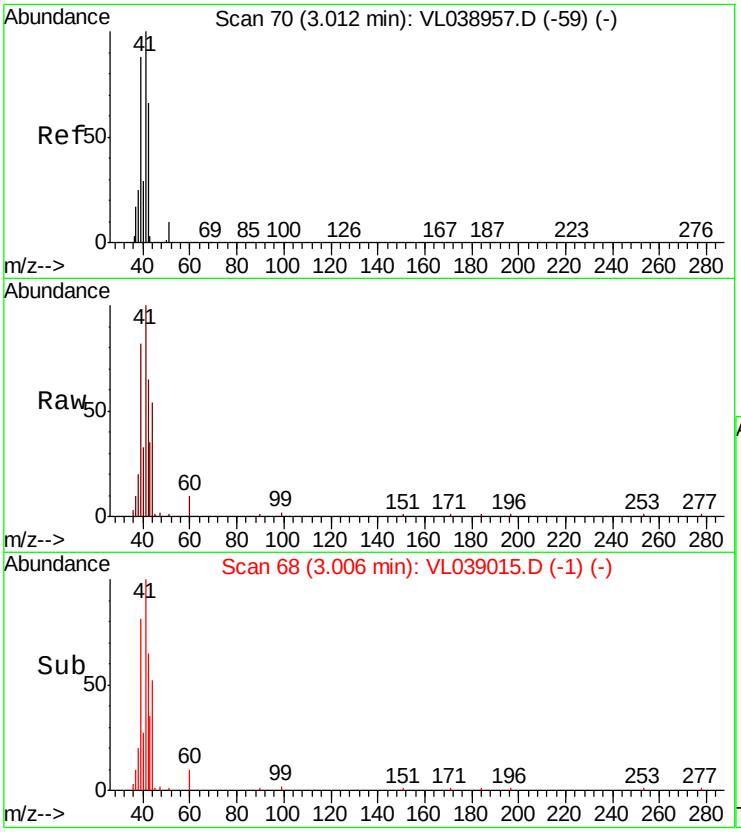


#3
Chlorodifluoromethane
Concen: 0.038 ppbv
RT: 2.95 min Scan# 52
Delta R.T. -0.04 min
Lab File: VL039015.D
Acq: 10 May 2022 11:27

Tgt Ion: 51 Resp: 4853

Ion	Ratio	Lower	Upper
51	100		
67	5.2	15.8	23.8#



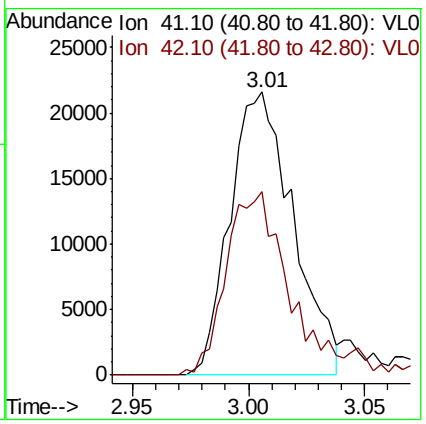


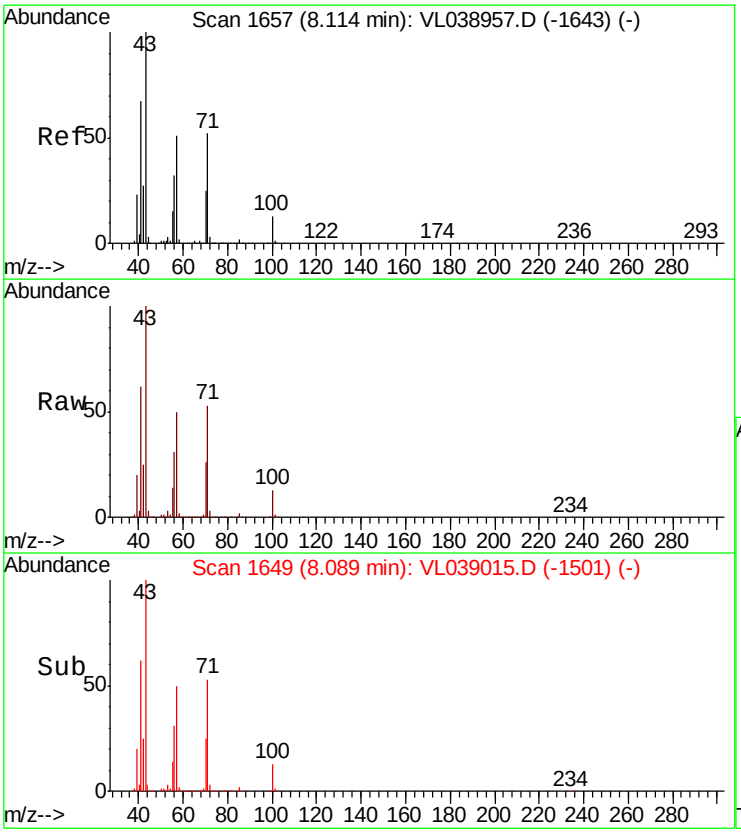
#9
Propene
Concen: 0.729 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 10 May 2022 11:27

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 41 Resp: 40964

Ion	Ratio	Lower	Upper
41	100		
42	68.0	58.3	87.5

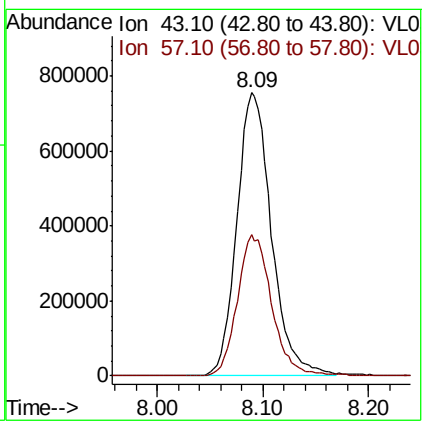


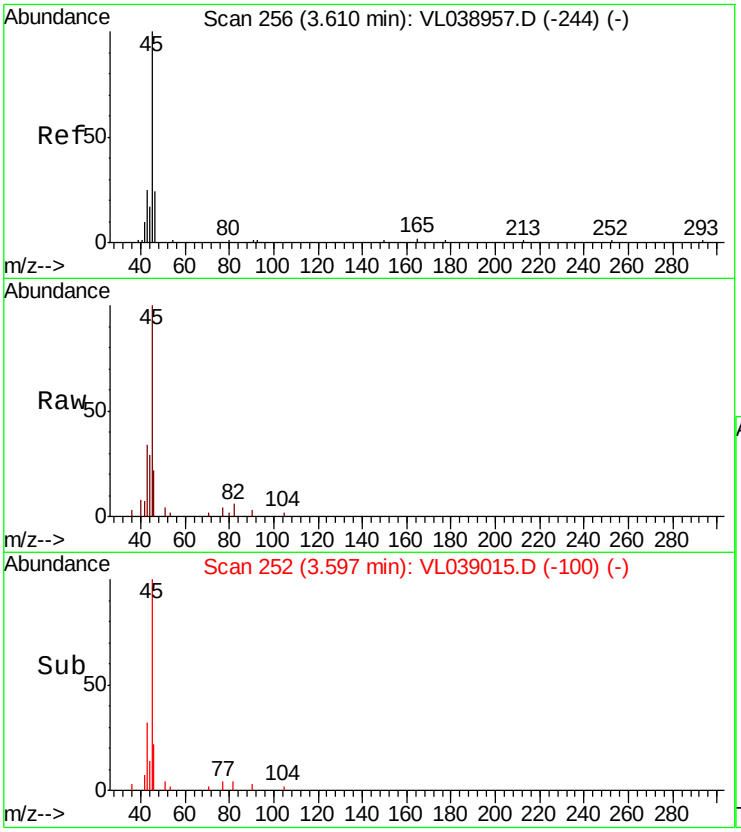


#10
Heptane
Concen: 12.454 ppbv
RT: 8.09 min Scan# 1649
Delta R.T. -0.03 min
Lab File: VL039015.D
Acq: 10 May 2022 11:27

Tgt Ion: 43 Resp: 1717053

Ion	Ratio	Lower	Upper
43	100		
57	49.9	40.5	60.7



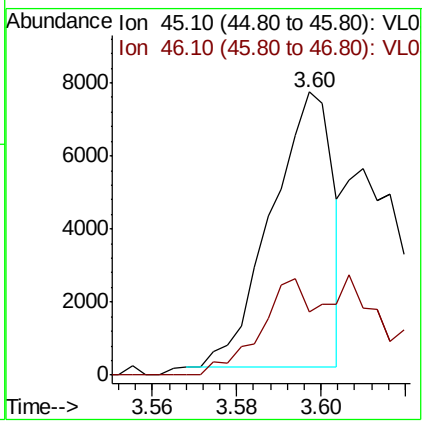


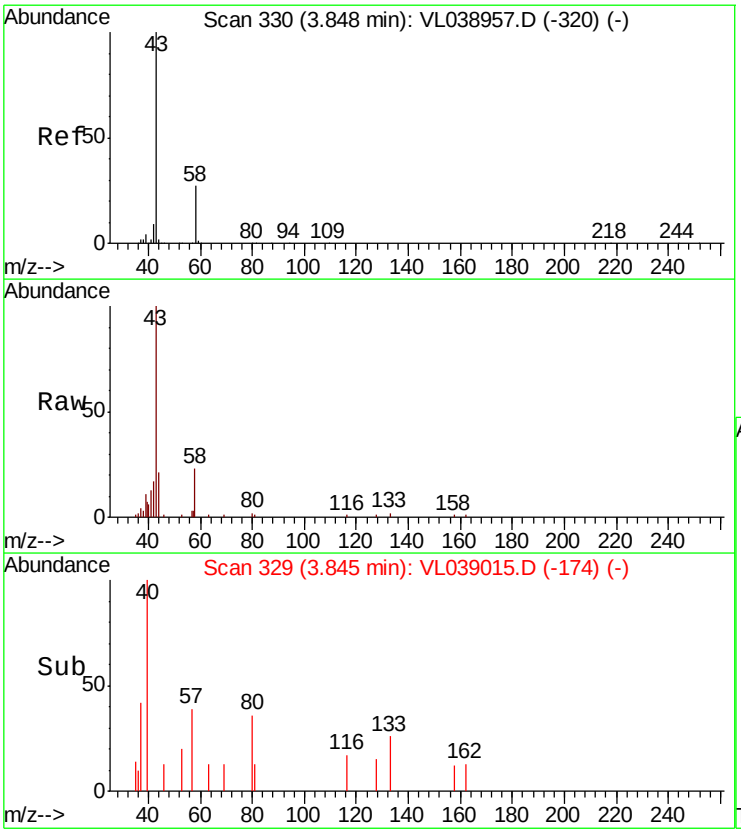
#13
Ethanol
Concen: 1.925 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 10 May 2022 11:27

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 45 Resp: 7656

Ion	Ratio	Lower	Upper
45	100		
46	0.0	18.0	72.2#

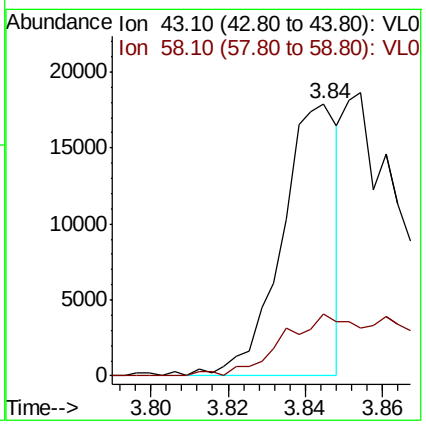


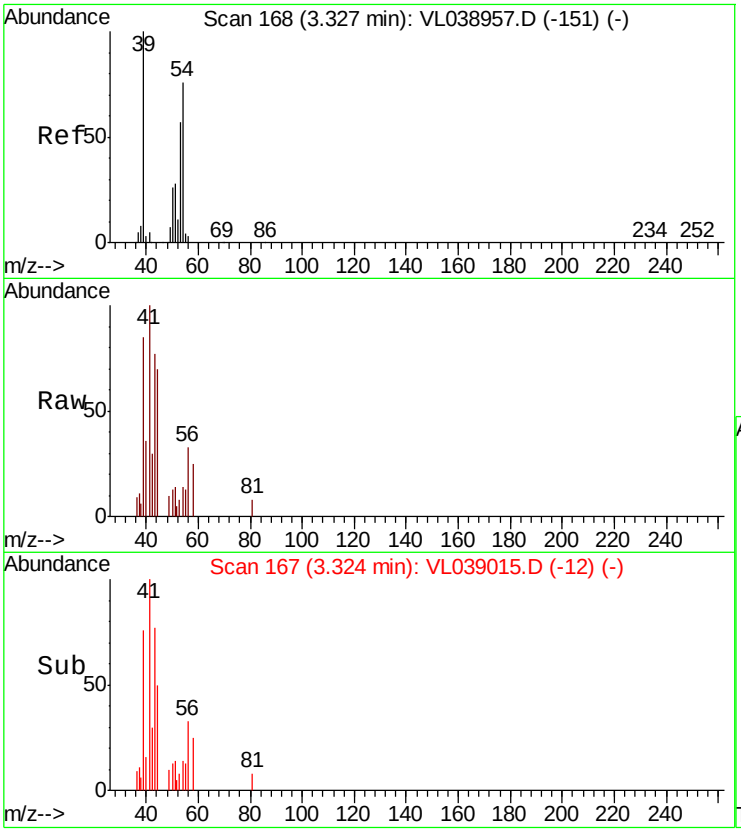


#15
Acetone
Concen: 0.184 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.00 min
Lab File: VL039015.D
Acq: 10 May 2022 11:27

Tgt Ion: 43 Resp: 18002

Ion	Ratio	Lower	Upper
43	100		
58	65.3	21.3	31.9#



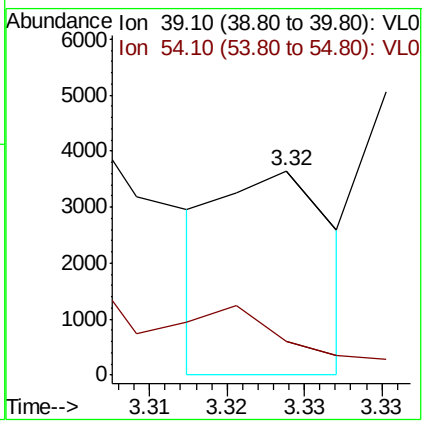


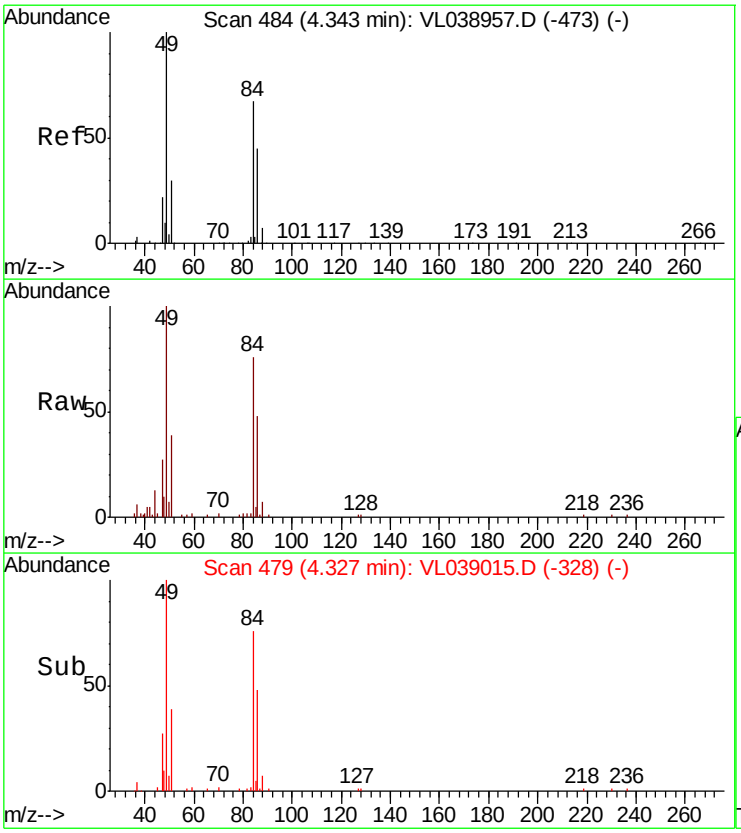
#16
1,3-Butadiene
Concen: 0.033 ppbv
RT: 3.32
Delta R.T
Lab File:
Acq: 10 May 2022 11:27

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 39 Resp: 1830

Ion	Ratio	Lower	Upper
39	100		
54	151.8	65.2	97.8#

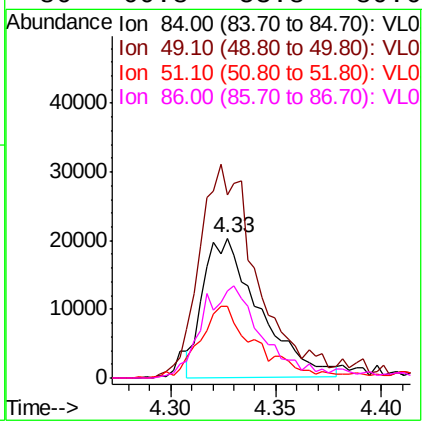


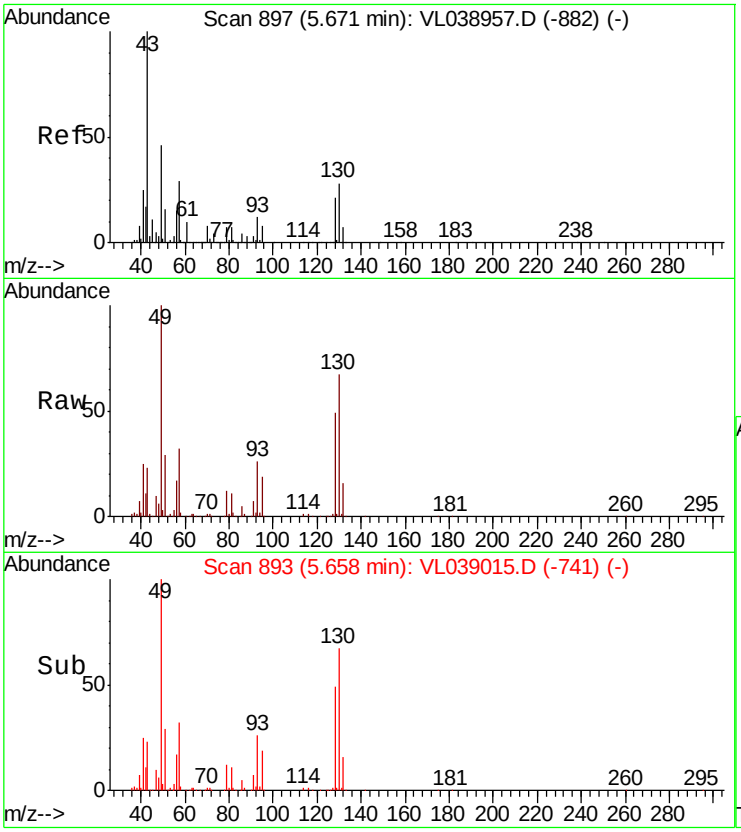


#20
Methylene Chloride
Concen: 1.020 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL039015.D
Acq: 10 May 2022 11:27

Tgt Ion: 84 Resp: 37615

Ion	Ratio	Lower	Upper
84	100		
49	133.0	119.9	179.9
51	52.5	35.7	53.5
86	60.8	53.8	80.6



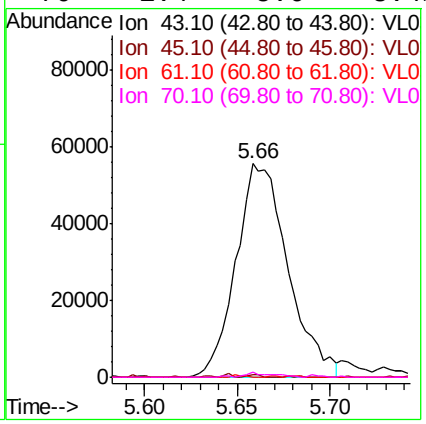


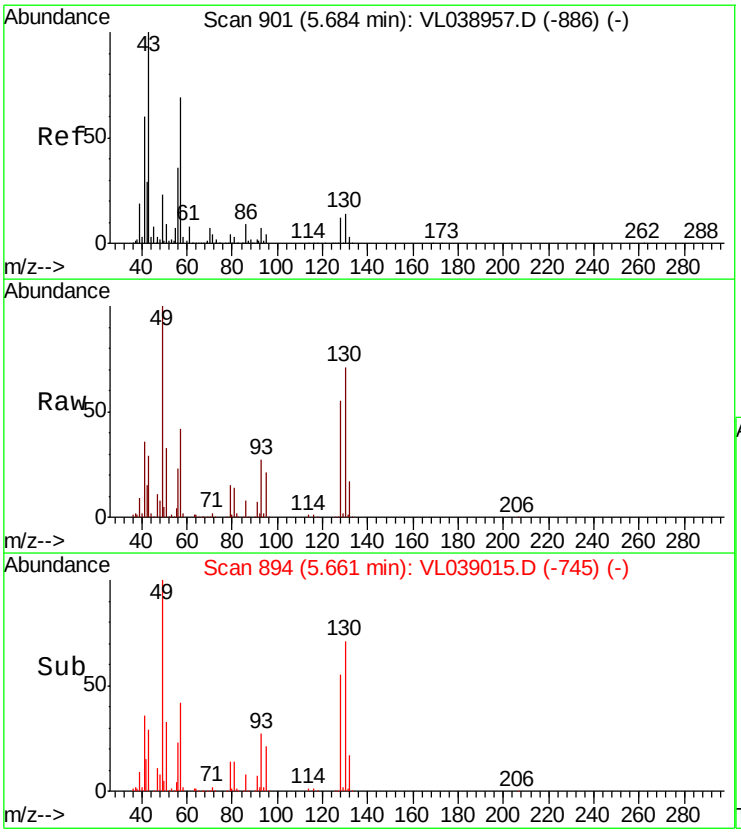
#25
Ethyl Acetate
Concen: 0.462 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 10 May 2022 11:27

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 108171

Ion	Ratio	Lower	Upper
43	100		
45	0.6	8.1	12.1#
61	0.3	7.8	11.6#
70	1.4	5.6	8.4#

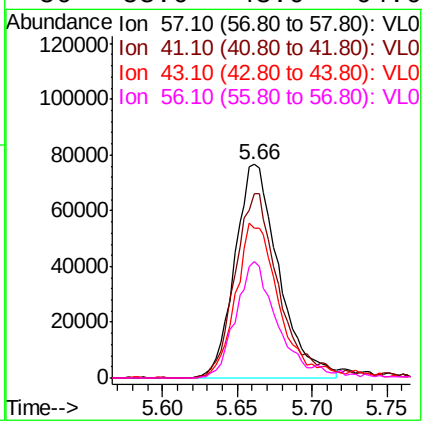


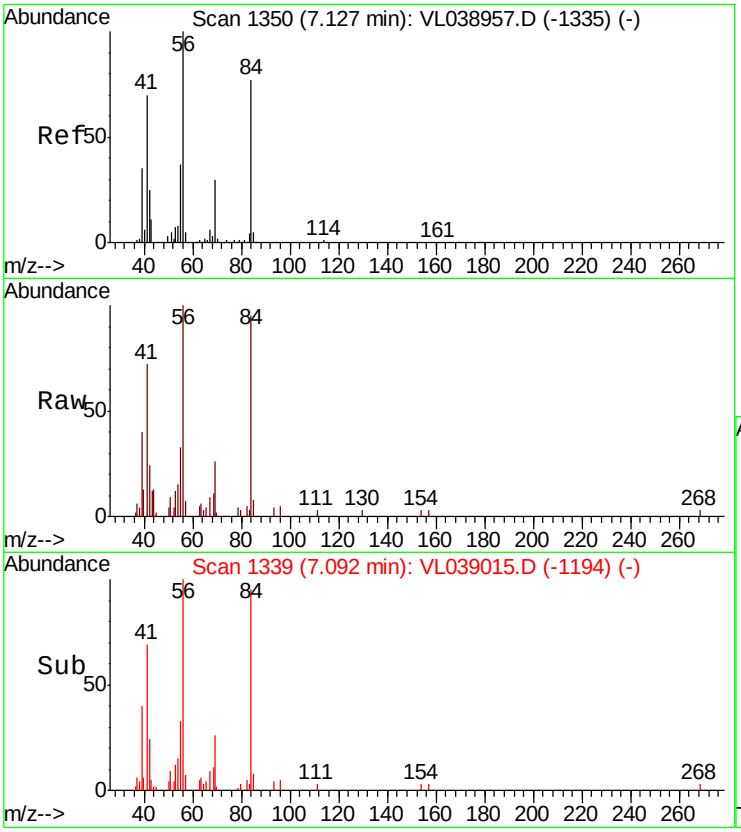


#26
Hexane
Concen: 1.504 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL039015.D
Acq: 10 May 2022 11:27

Tgt Ion: 57 Resp: 156449

Ion	Ratio	Lower	Upper
57	100		
41	86.9	75.2	112.8
43	73.1	190.8	286.2#
56	53.6	43.0	64.6



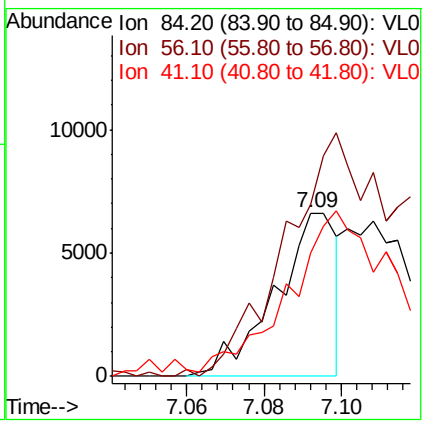


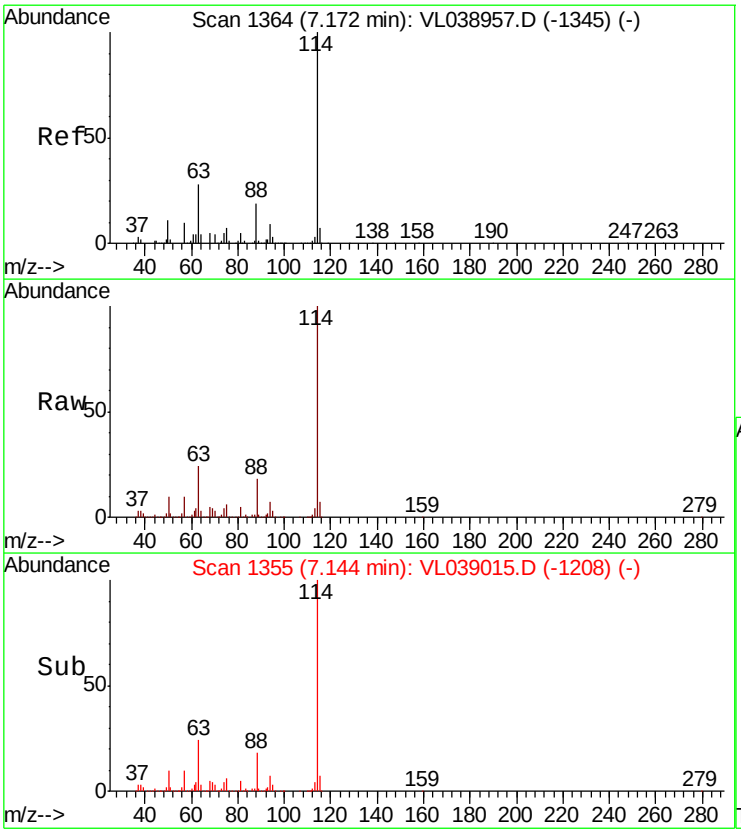
#30
Cyclohexane
Concen: 0.084 ppbv
RT: 7.09
Delta R.T
Lab File:
Acq: 10 May 2022 11:27

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 84 Resp: 7303

Ion	Ratio	Lower	Upper
84	100		
56	0.0	115.3	172.9#
41	190.5	72.0	108.0#

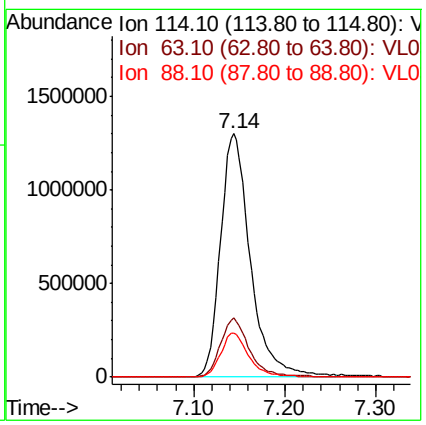


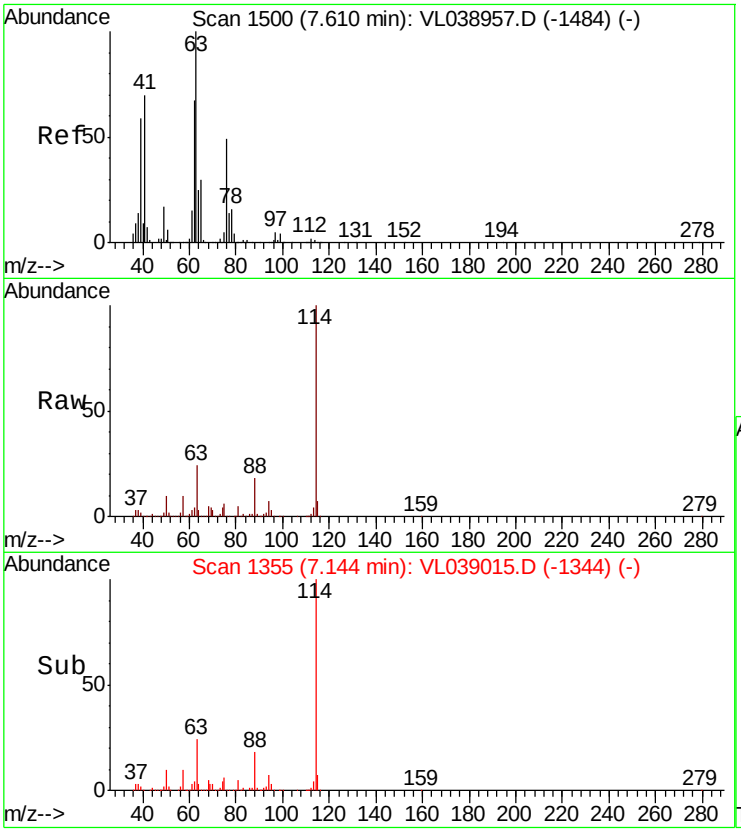


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.03 min
Lab File: VL039015.D
Acq: 10 May 2022 11:27

Tgt Ion:114 Resp: 2971015

Ion	Ratio	Lower	Upper
114	100		
63	23.4	22.6	33.8
88	17.3	15.4	23.0



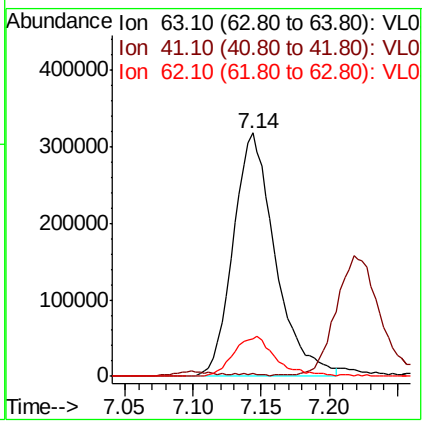


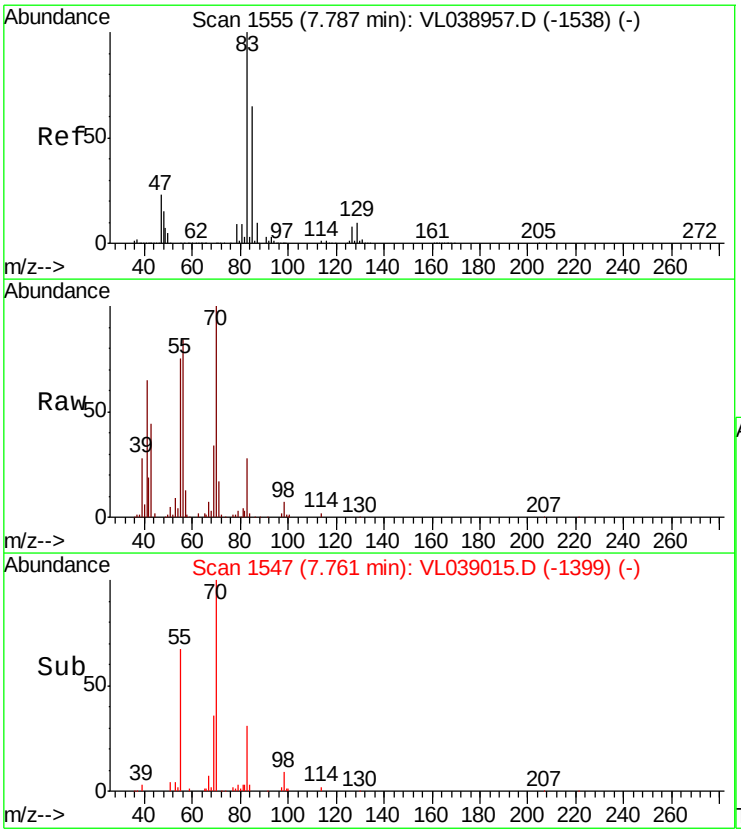
#39
1,2-Dichloropropane
Concen: 6.848 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 10 May 2022 11:27

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 63 Resp: 677511

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.9	83.9#
62	15.4	53.8	80.6#

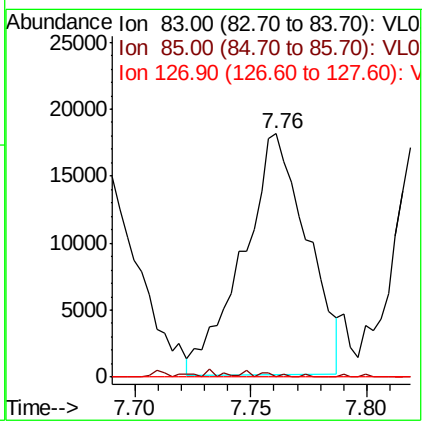


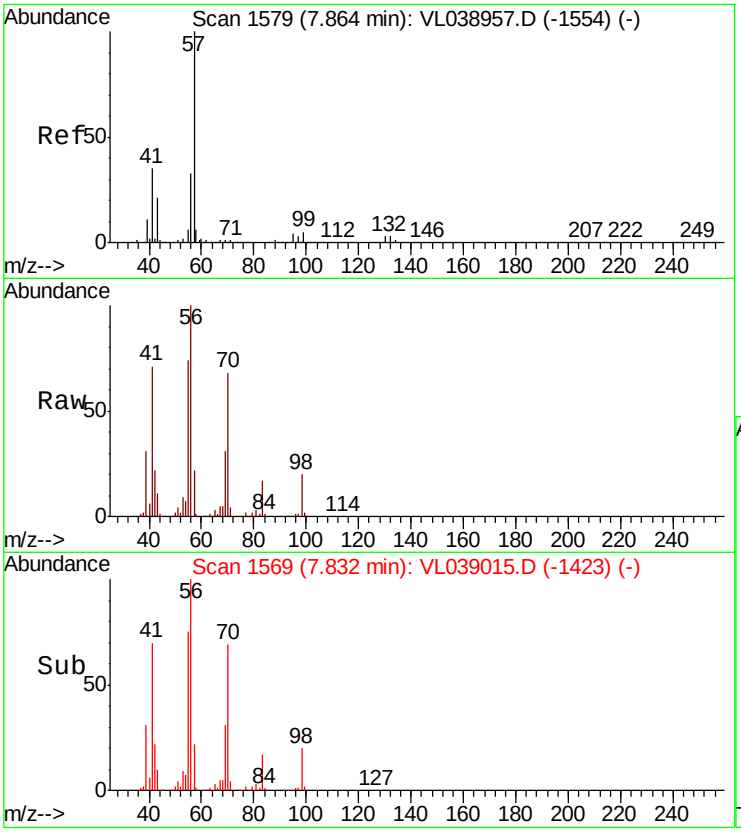


#42
Bromodichloromethane
Concen: 0.161 ppbv
RT: 7.76 min Scan# 1547
Delta R.T. -0.03 min
Lab File: VL039015.D
Acq: 10 May 2022 11:27

Tgt Ion: 83 Resp: 34611

Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.0	78.0#
127	0.0	6.0	9.0#



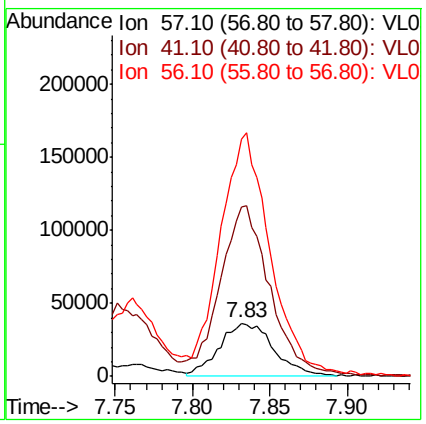


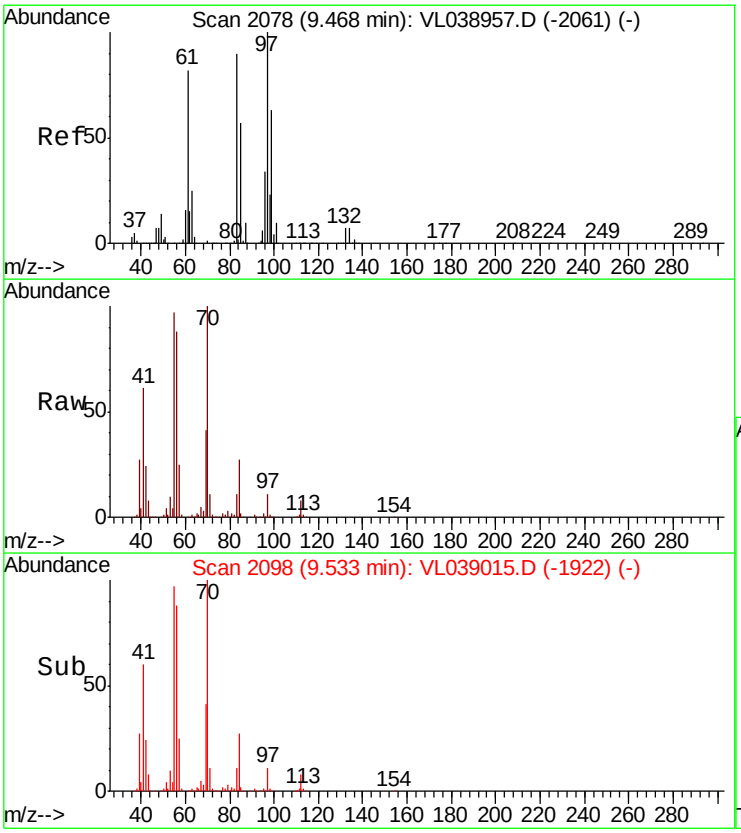
#44
2,2,4-Trimethylpentane
Concen: 0.193 ppbv
RT: 7.83
Delta R.T
Lab File:
Acq: 10 May 2022 11:27

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 57 Resp: 85899

Ion	Ratio	Lower	Upper
57	100		
41	301.0	26.3	39.5#
56	442.3	24.6	37.0#

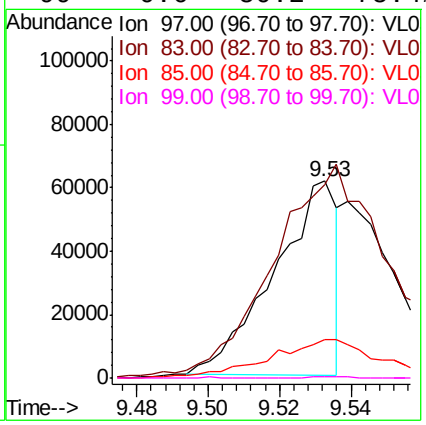


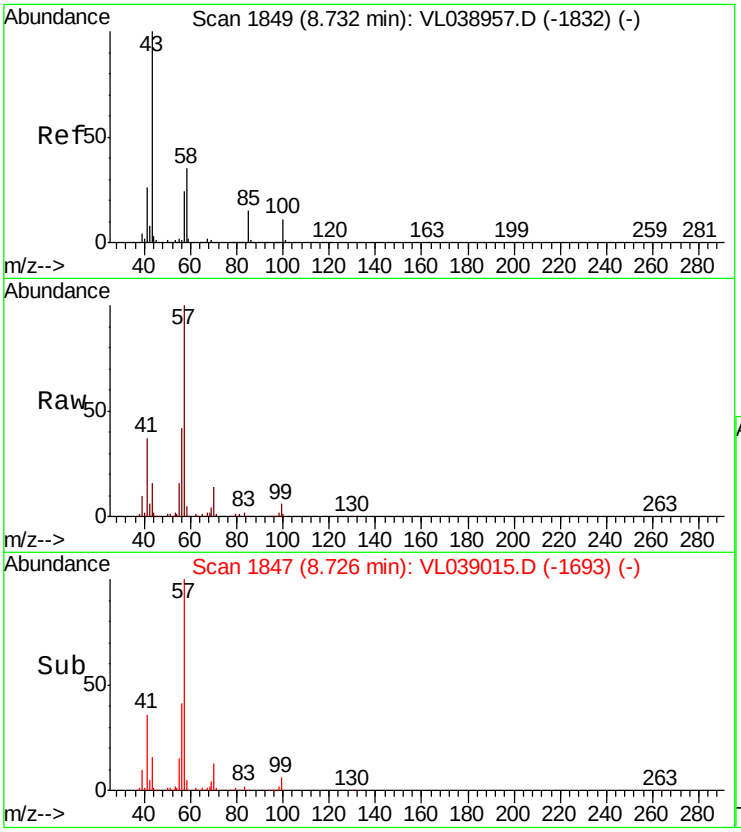


#47
1,1,2-Trichloroethane
Concen: 0.732 ppbv
RT: 9.53 min Scan# 2098
Delta R.T. 0.06 min
Lab File: VL039015.D
Acq: 10 May 2022 11:27

Tgt Ion: 97 Resp: 75297

Ion	Ratio	Lower	Upper
97	100		
83	95.5	72.0	108.0
85	18.5	45.7	68.5#
99	0.6	50.2	75.4#



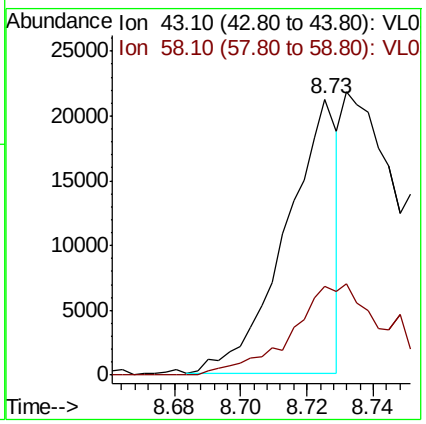


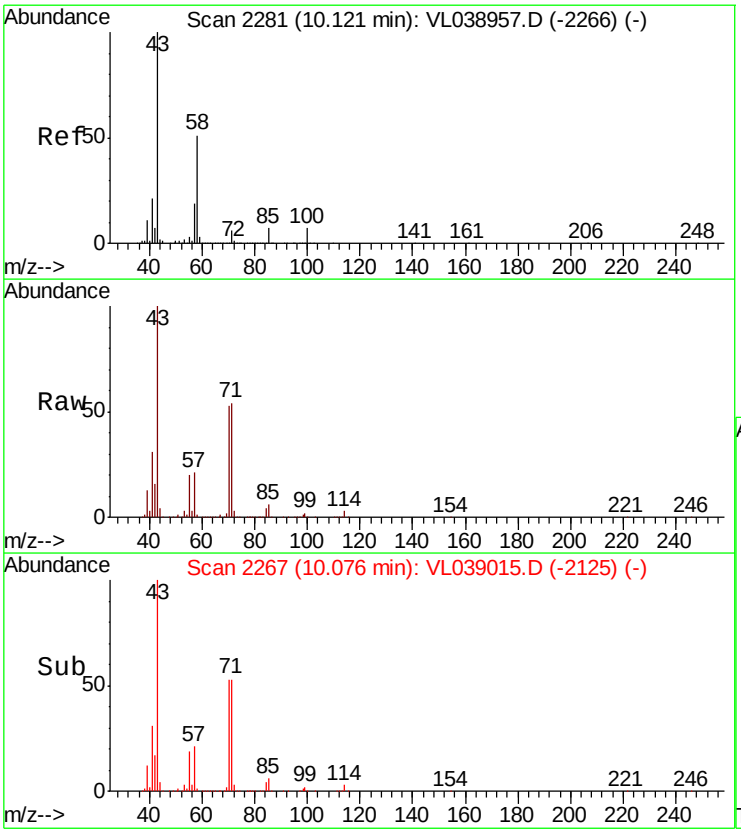
#50
4-Methyl-2-Pentanone
Concen: 0.086 ppbv
RT: 8.73
Delta R.T
Lab File:
Acq: 10 May 2022 11:27

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 22751

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.4	42.6#

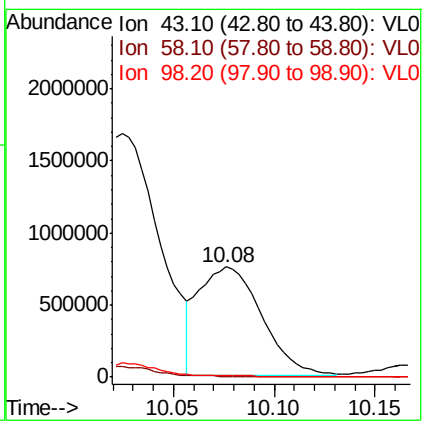


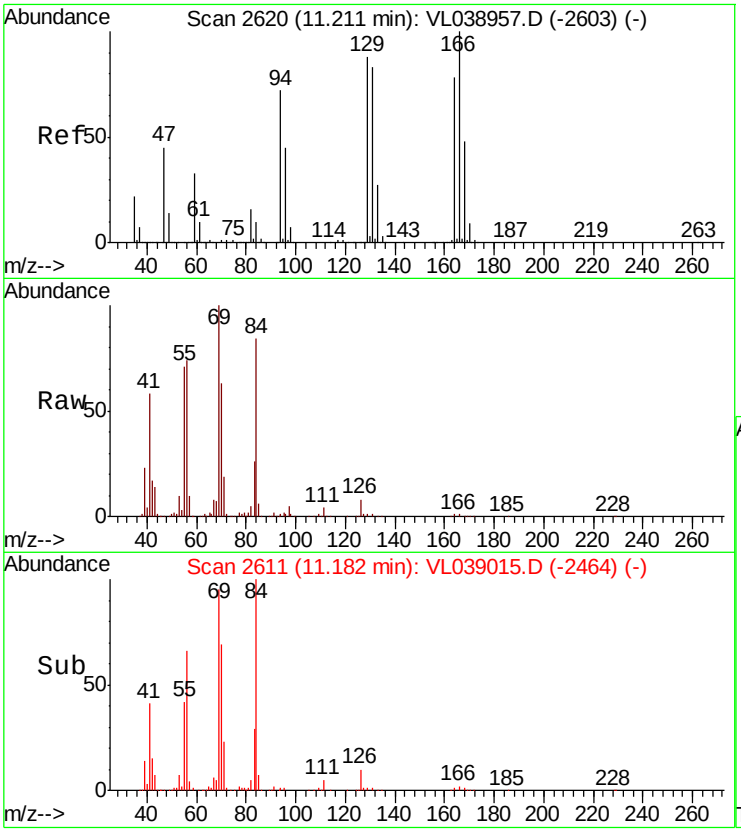


#51
2-Hexanone
Concen: 8.450 ppbv
RT: 10.08 min Scan# 2267
Delta R.T. -0.04 min
Lab File: VL039015.D
Acq: 10 May 2022 11:27

Tgt Ion: 43 Resp: 1639082

Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.3	58.9#
98	0.0	0.2	0.2#



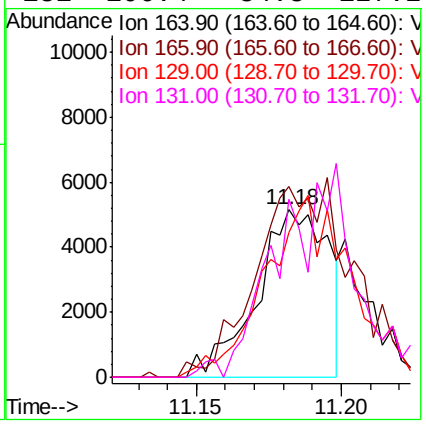


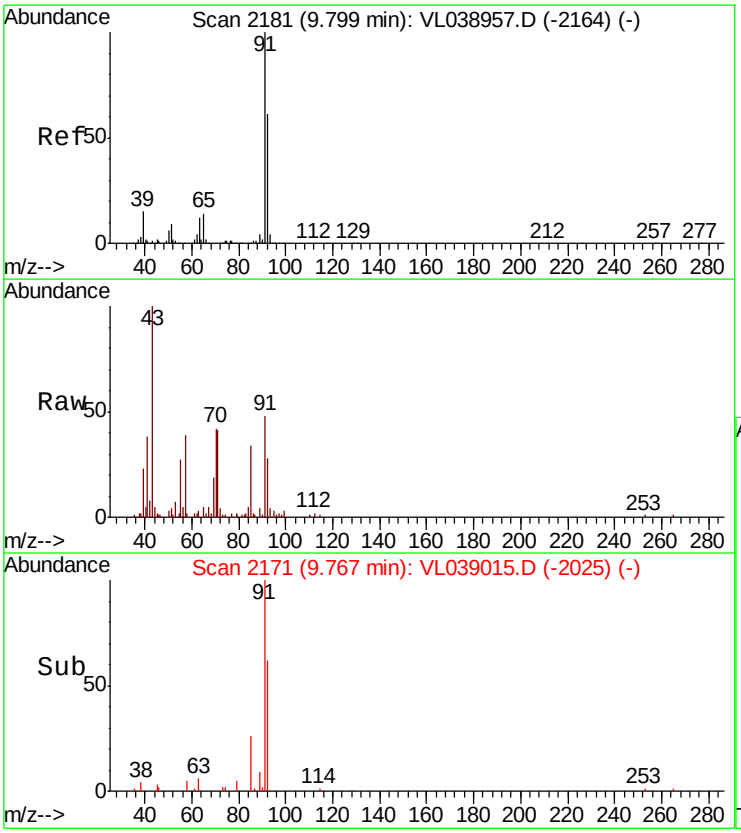
#52
Tetrachloroethene
Concen: 0.097 ppbv
RT: 11.18
Delta R.T
Lab File:
Acq: 10 May 2022 11:27

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:164 Resp: 8851

Ion	Ratio	Lower	Upper
164	100		
166	105.3	102.5	153.7
129	83.8	90.1	135.1#
131	106.4	84.8	127.2

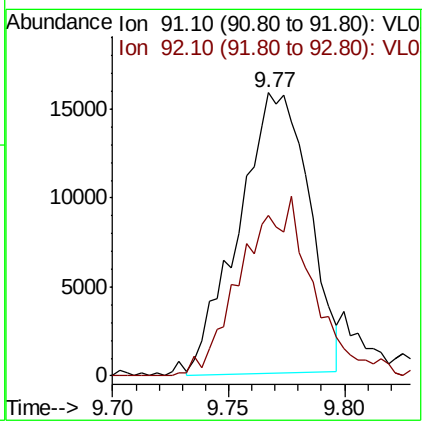


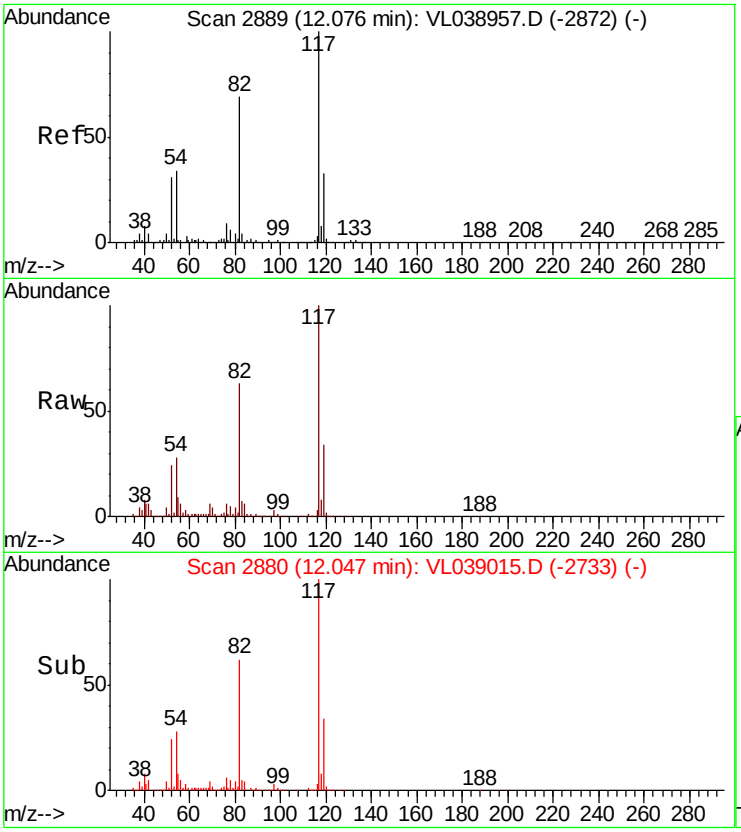


#53
Toluene
Concen: 0.117 ppbv
RT: 9.77 min Scan# 2171
Delta R.T. -0.03 min
Lab File: VL039015.D
Acq: 10 May 2022 11:27

Tgt Ion: 91 Resp: 33402

Ion	Ratio	Lower	Upper
91	100		
92	64.6	48.2	72.2



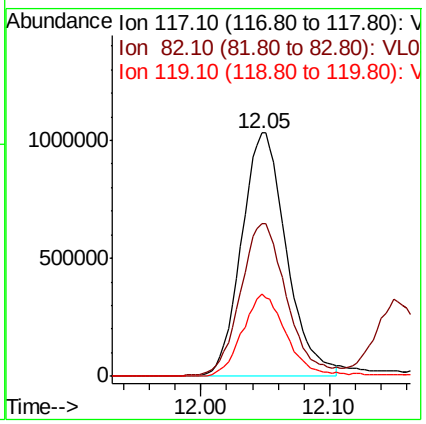


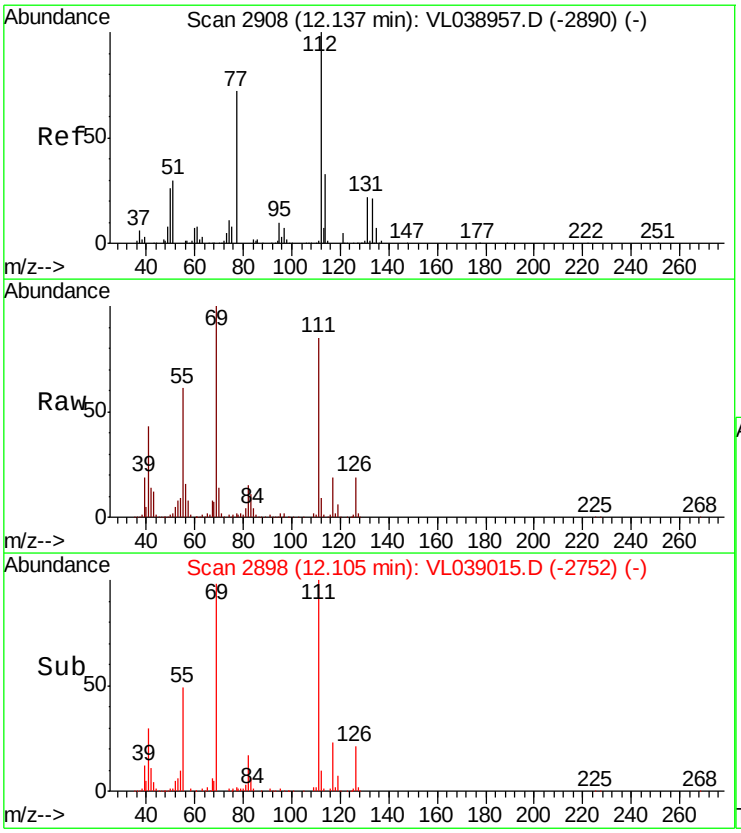
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05
Delta R.T
Lab File:
Acq: 10 May 2022 11:27

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:117 Resp: 2500659

Ion	Ratio	Lower	Upper
117	100		
82	64.9	57.0	85.6
119	33.8	27.2	40.8

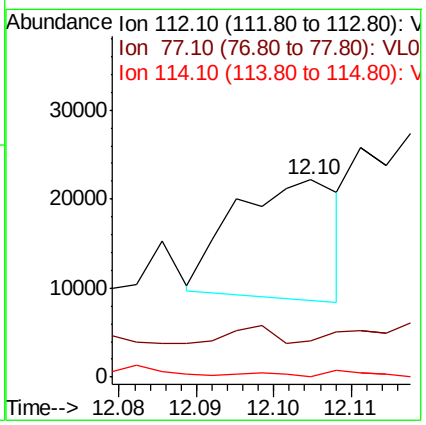


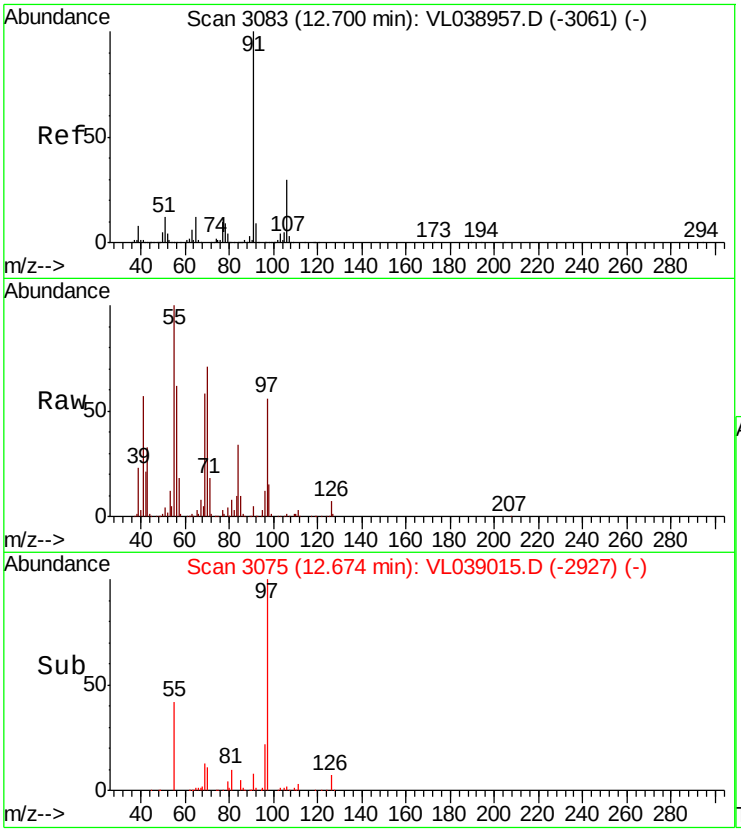


#57
Chlorobenzene
Concen: 0.066 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.03 min
Lab File: VL039015.D
Acq: 10 May 2022 11:27

Tgt Ion:112 Resp: 12380

Ion	Ratio	Lower	Upper
112	100		
77	2.3	57.7	86.5#
114	0.0	30.1	36.7#



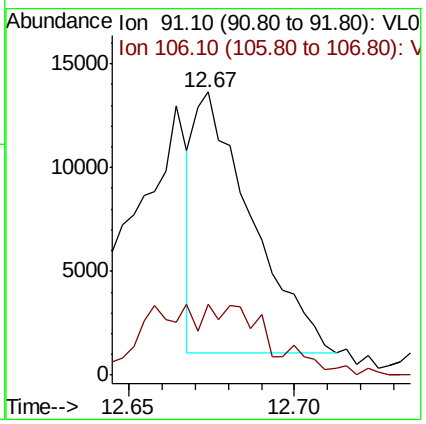


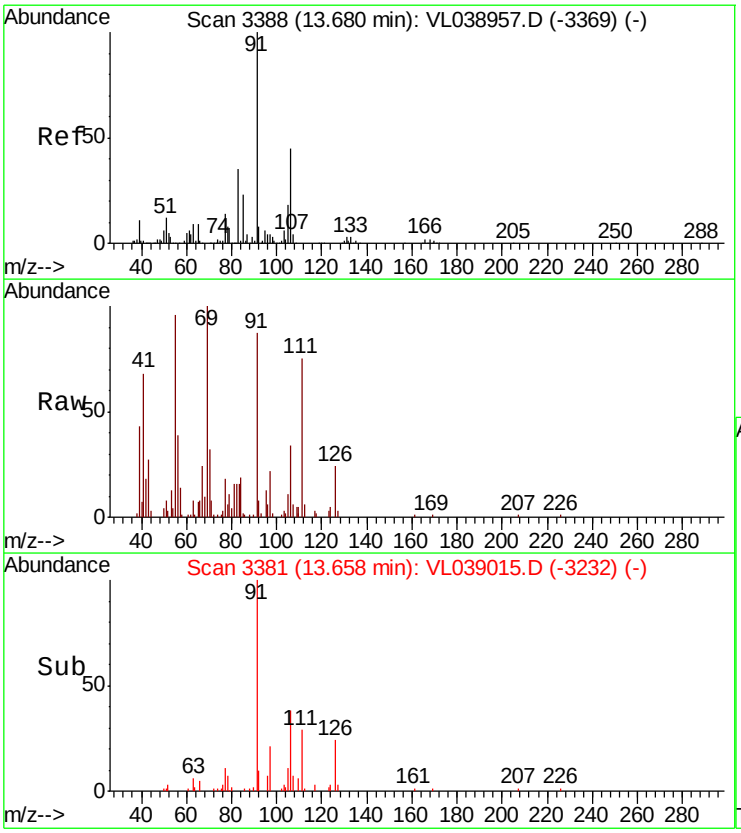
#58
Ethyl Benzene
Concen: 0.042 ppbv
RT: 12.67
Delta R.T
Lab File:
Acq: 10 May 2022 11:27

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 91 Resp: 14981

Ion	Ratio	Lower	Upper
91	100		
106	24.3	24.2	36.4

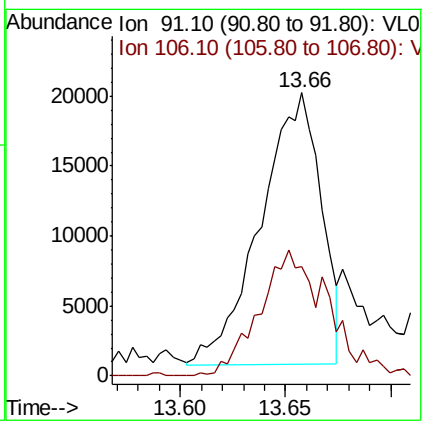


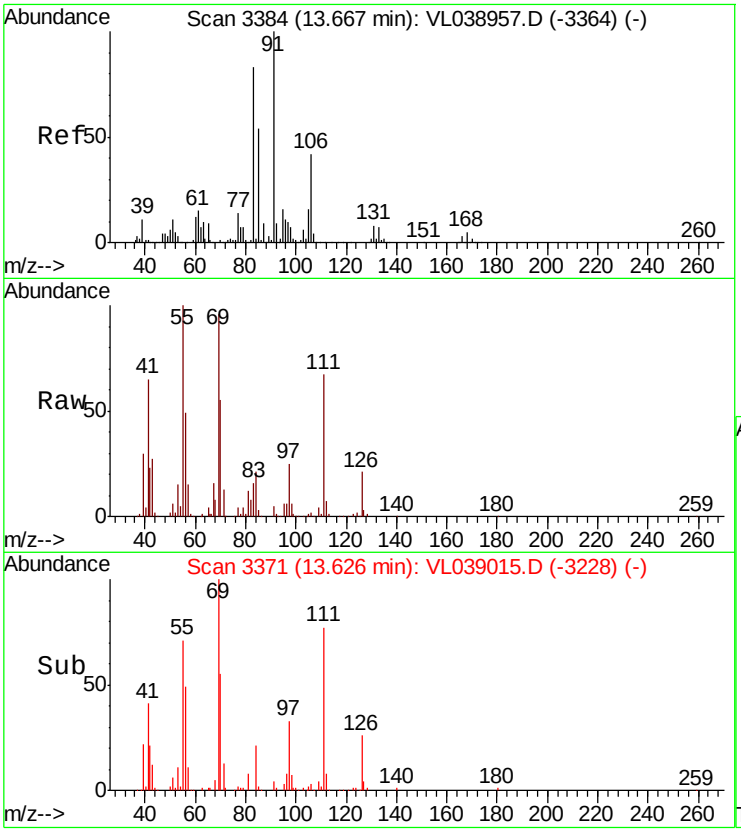


#60
o-Xylene
Concen: 0.134 ppbv
RT: 13.66 min Scan# 3381
Delta R.T. -0.02 min
Lab File: VL039015.D
Acq: 10 May 2022 11:27

Tgt Ion: 91 Resp: 38746

Ion	Ratio	Lower	Upper
91	100		
106	52.2	22.2	66.6



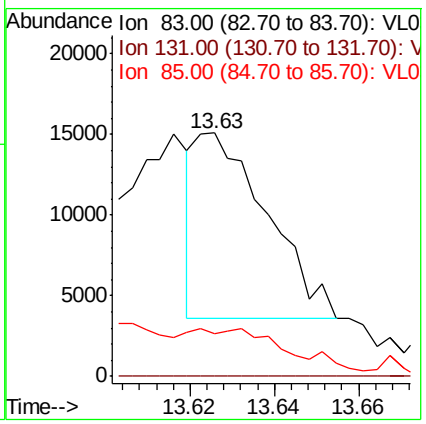


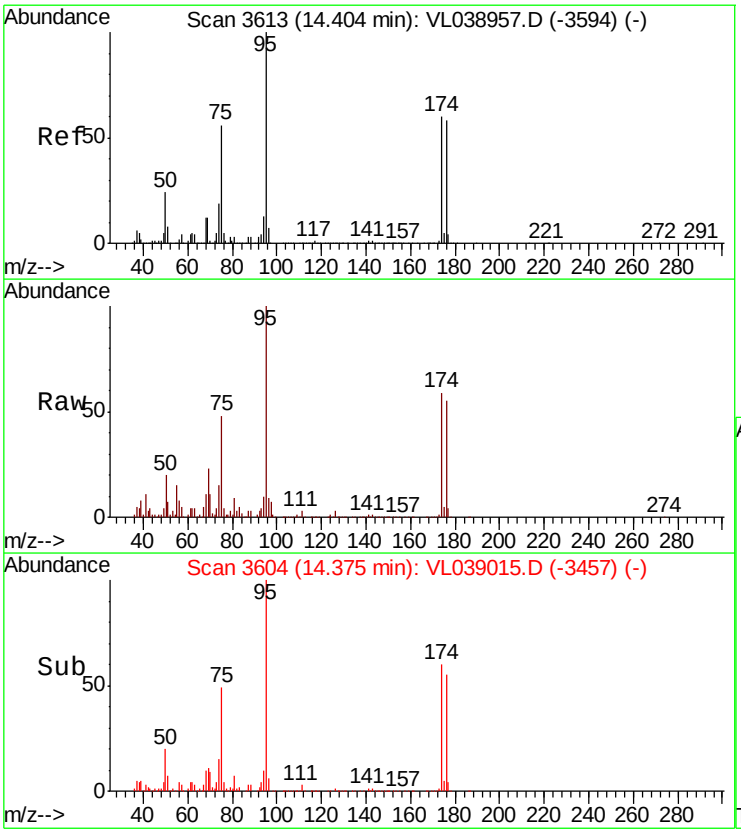
#63
1,1,2,2-Tetrachloroethane
Concen: 0.079 ppbv
RT: 13.63
Delta R.T
Lab File:
Acq: 10 May 2022 11:27

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 83 Resp: 13459

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.7#
85	0.0	32.8	98.3#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.669 ppbv
RT: 14.37 min Scan# 3604
Delta R.T. -0.03 min
Lab File: VL039015.D
Acq: 10 May 2022 11:27

Tgt Ion: 95 Resp: 2112853

Ion	Ratio	Lower	Upper
95	100		
174	59.9	50.8	76.2
175	4.4	3.8	5.6