Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062422\
Data File : VL039355.D
Acq On : 25 Jun 2022 00:29
Operator : SY/AP
Sample : N3453-08DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-2DL

Quant Time: Jun 27 01:52:41 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1081740	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3129475	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2679709	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1987978	8.97	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 89.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	12193	0.064	ppbv	98
3) Chlorodifluoromethane	2.99	51	11135	0.081	ppbv #	88
4) Chloromethane	3.14	50	3666	0.052	ppbv #	62
9) Propene	3.02	41	9714	0.162	ppbv	87
11) Trichlorofluoromethane	3.95	101	6631	0.039	ppbv	87
13) Ethanol	3.60	45	58995	18.025	ppbv #	100
15) Acetone	3.85	43	247523	2.197	ppbv	96
19) Isopropyl Alcohol	3.97	45	31506	0.596	ppbv #	58
20) Methylene Chloride	4.34	84	7511	0.158	ppbv	97
23) Vinyl Acetate	5.06	43	7016	0.075	ppbv #	67
25) Ethyl Acetate	5.68	43	10509	0.041	ppbv #	85
26) Hexane	5.68	57	13790	0.124	ppbv #	47
39) 1,2-Dichloropropane	7.17	63	770374	7.623	ppbv #	24

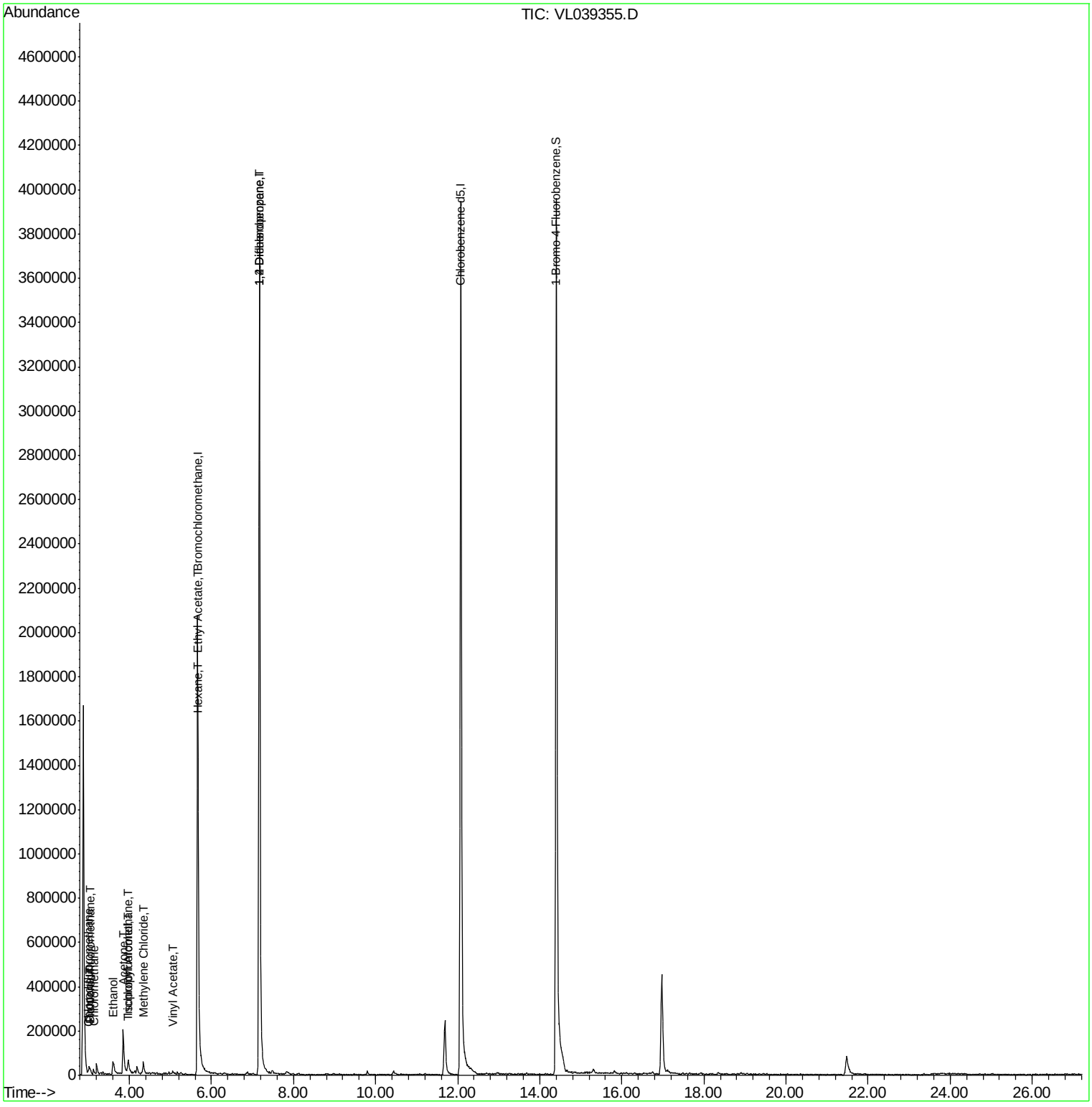
(#) = qualifier out of range (m) = manual integration (+) = signals summed

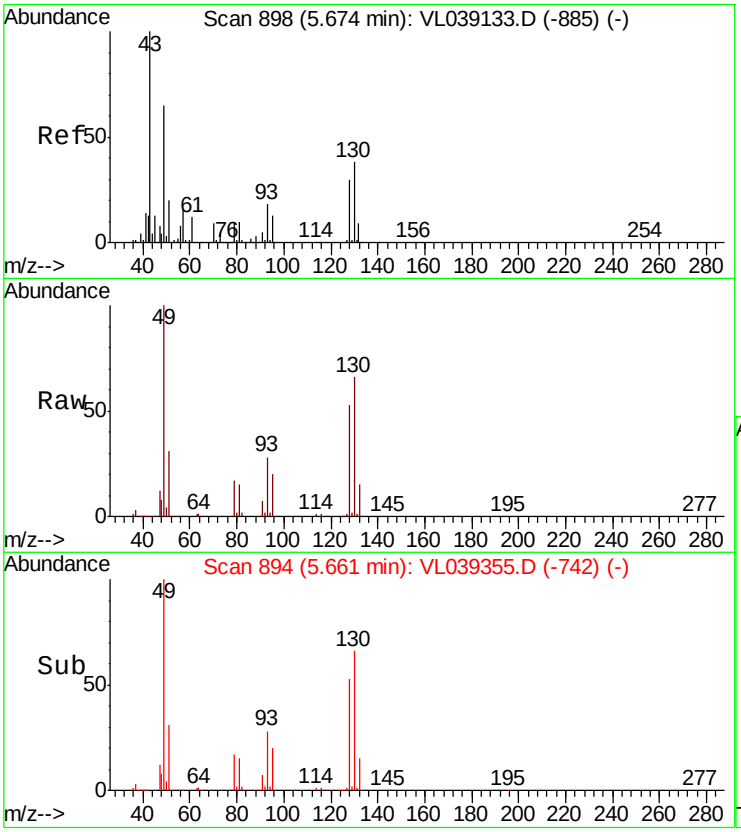
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062422\
Data File : VL039355.D
Acq On : 25 Jun 2022 00:29
Operator : SY/AP
Sample : N3453-08DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Quant Time: Jun 27 01:52:41 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration



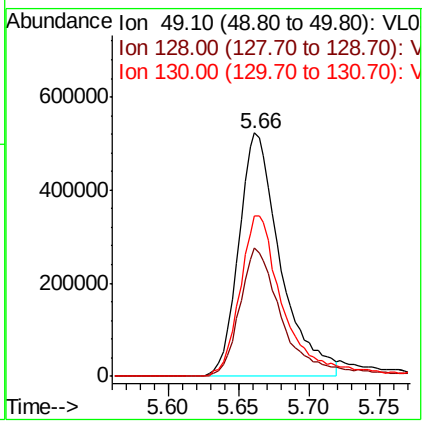


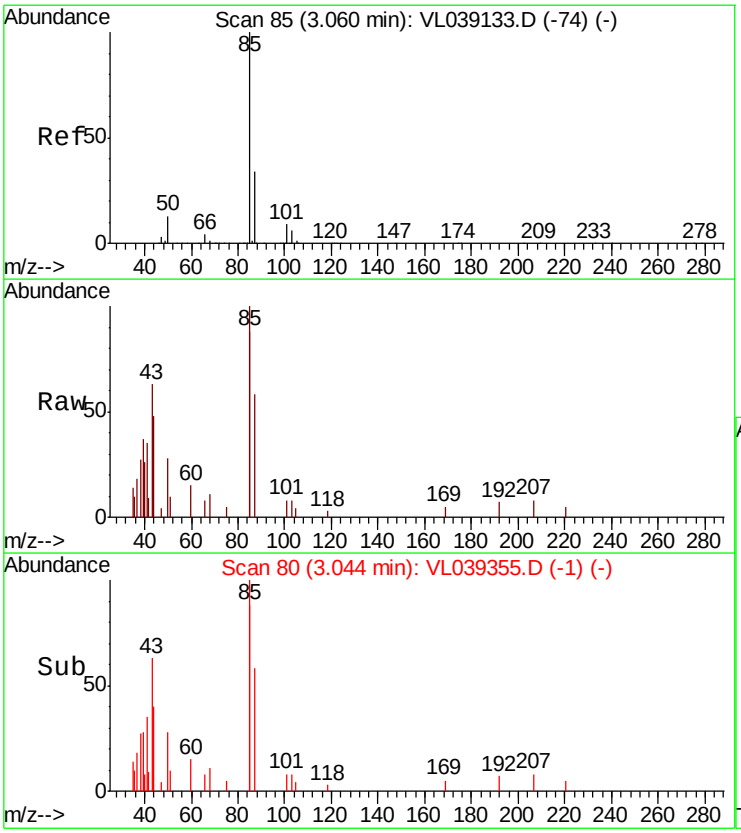
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 25 Jun 2022 00:29

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 49 Resp: 1081740

Ion	Ratio	Lower	Upper
49	100		
128	56.0	24.7	74.1
130	71.6	31.4	94.0

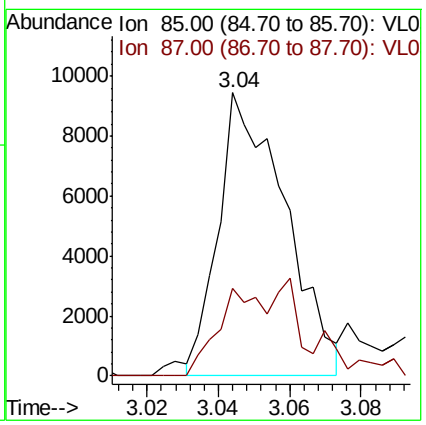


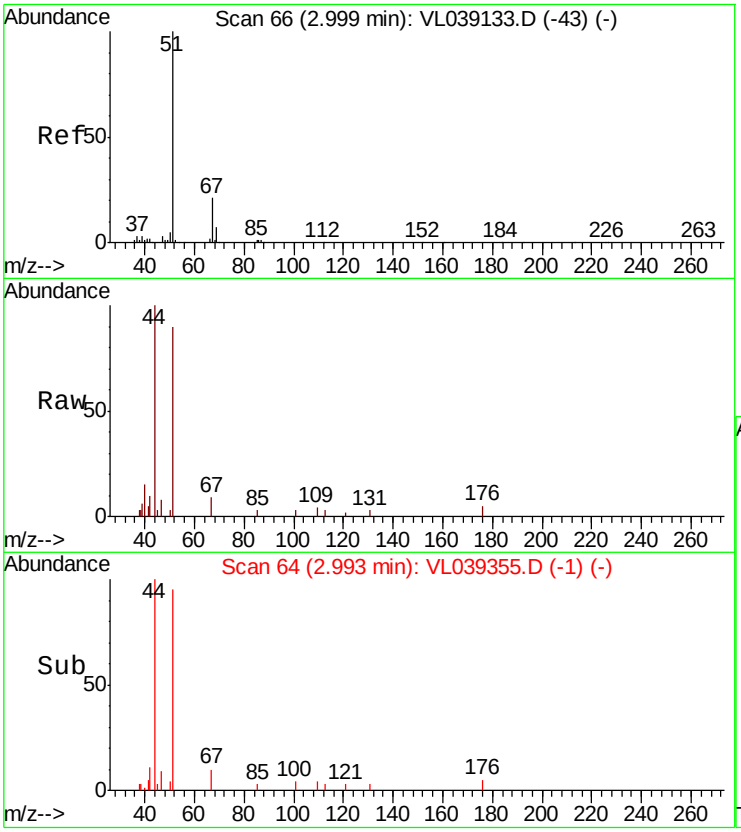


#2
Dichlorodifluoromethane
Concen: 0.064 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.02 min
Lab File: VL039355.D
Acq: 25 Jun 2022 00:29

Tgt Ion: 85 Resp: 12193

Ion	Ratio	Lower	Upper
85	100		
87	32.2	26.9	40.3



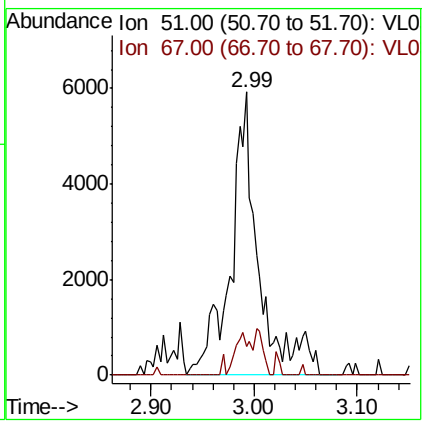


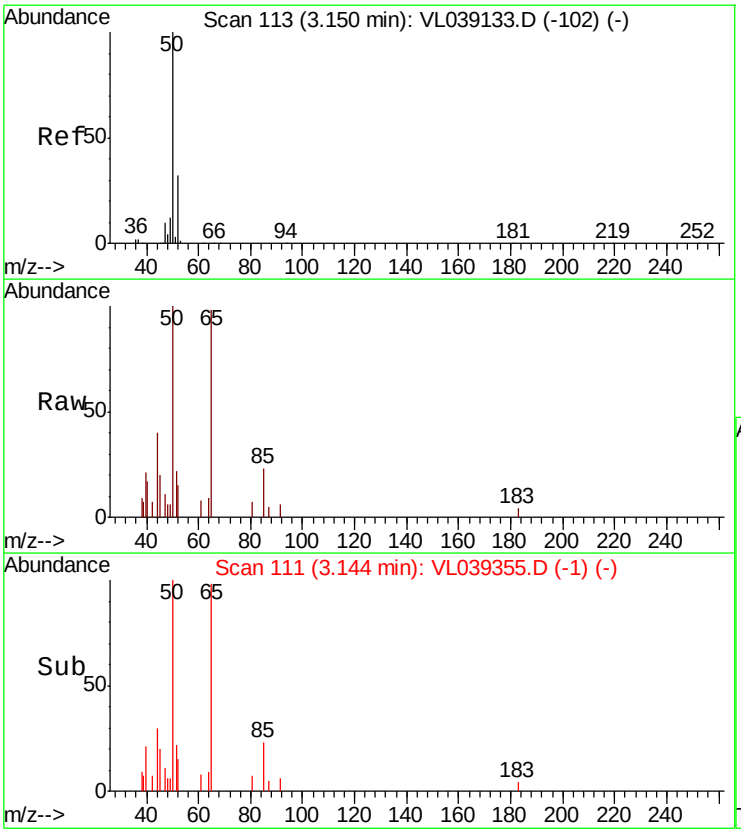
#3
Chlorodifluoromethane
Concen: 0.081 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 25 Jun 2022 00:29

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 51 Resp: 11135

Ion	Ratio	Lower	Upper
51	100		
67	14.8	16.2	24.4#

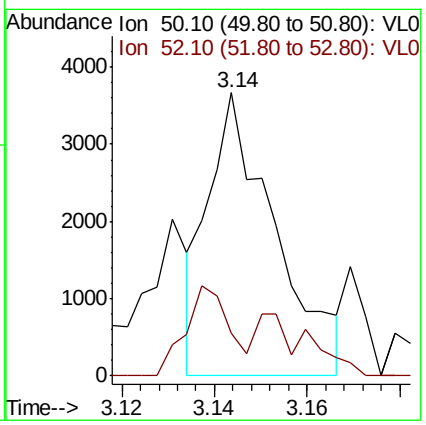


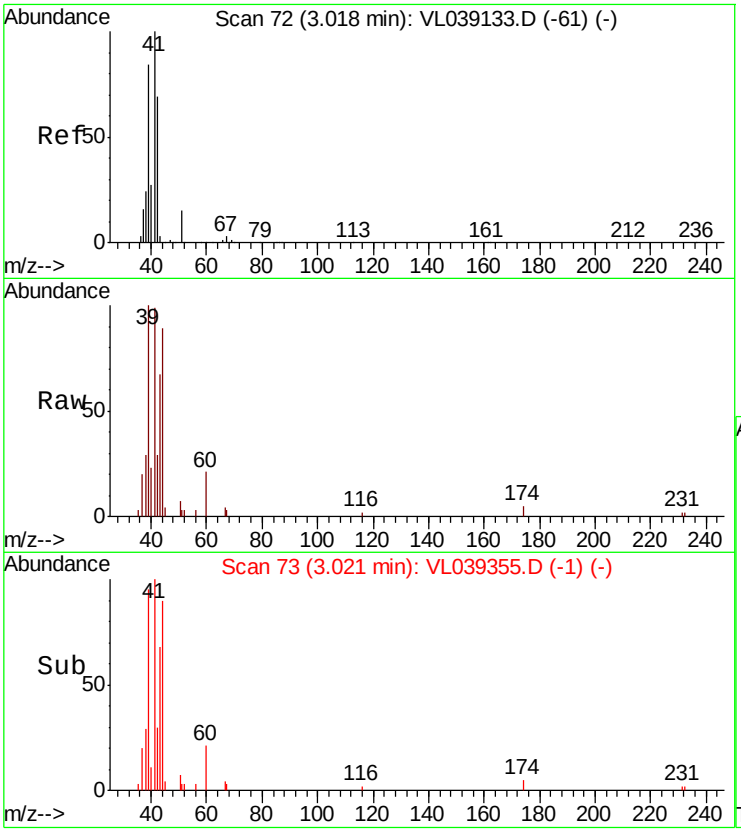


#4
Chloromethane
Concen: 0.052 ppbv
RT: 3.14 min Scan# 111
Delta R.T. -0.01 min
Lab File: VL039355.D
Acq: 25 Jun 2022 00:29

Tgt Ion: 50 Resp: 3666

Ion	Ratio	Lower	Upper
50	100		
52	11.3	25.9	38.9#



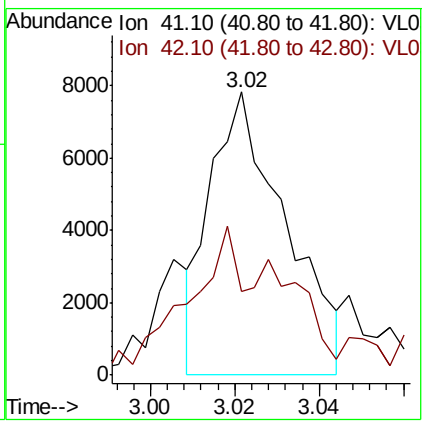


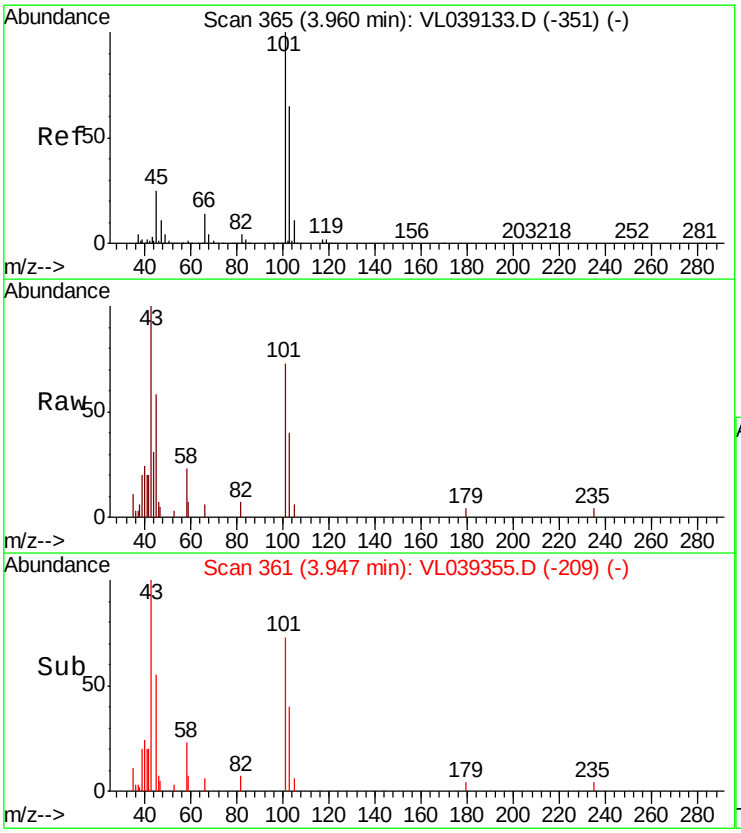
#9
Propene
Concen: 0.162 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 25 Jun 2022 00:29

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 41 Resp: 9714

Ion	Ratio	Lower	Upper
41	100		
42	79.5	55.4	83.2

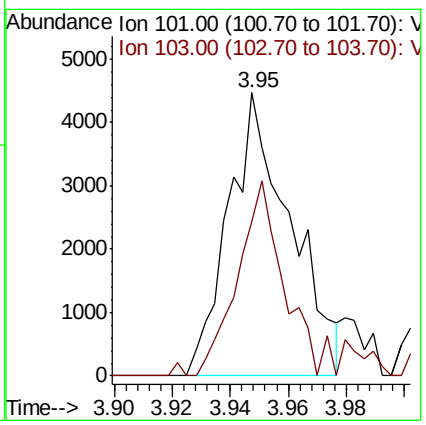


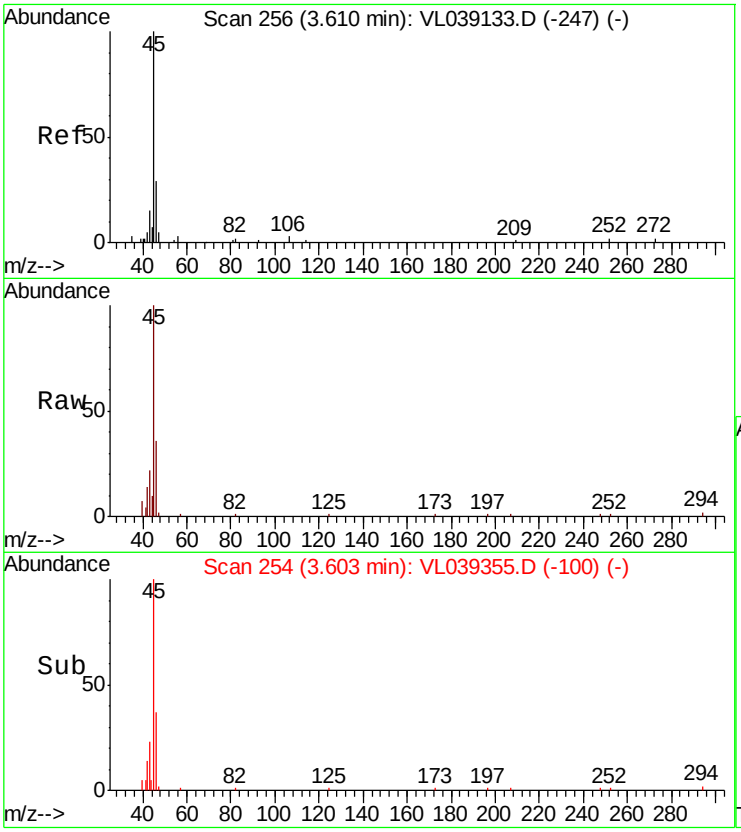


#11
Trichlorofluoromethane
Concen: 0.039 ppbv
RT: 3.95 min Scan# 361
Delta R.T. -0.01 min
Lab File: VL039355.D
Acq: 25 Jun 2022 00:29

Tgt Ion:101 Resp: 6631

Ion	Ratio	Lower	Upper
101	100		
103	54.4	51.7	77.5



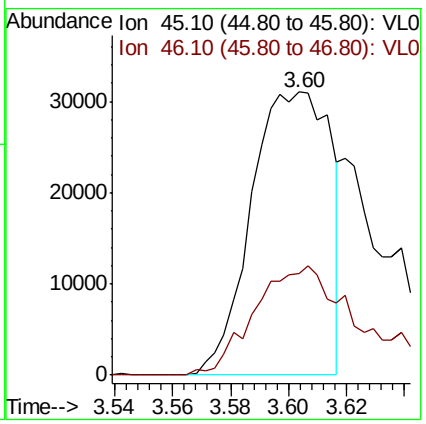


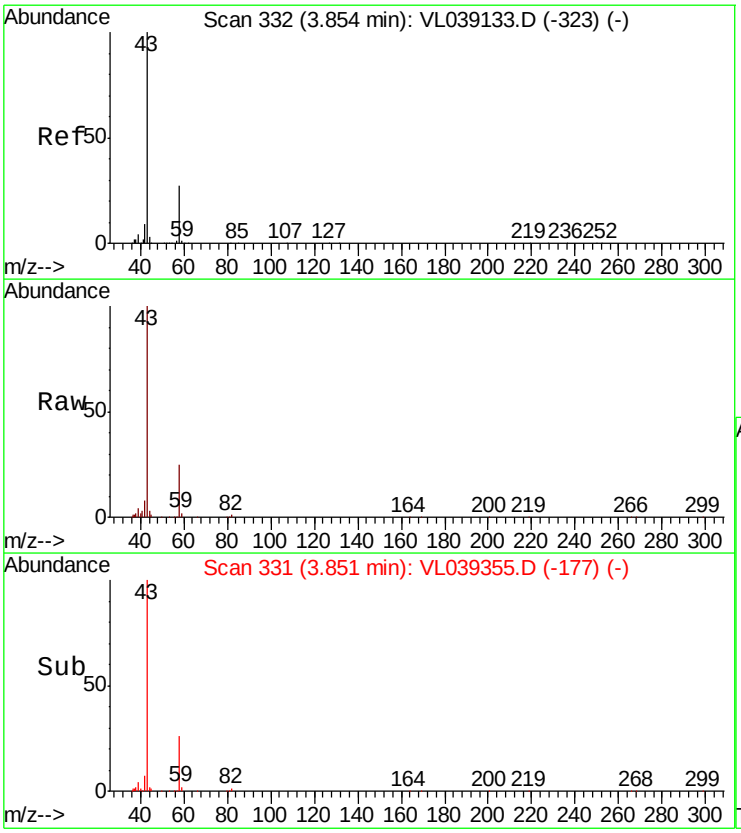
#13
Ethanol
Concen: 18.025 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 25 Jun 2022 00:29

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 45 Resp: 58995

Ion	Ratio	Lower	Upper
45	100		
46	61.0	0.0	0.0#

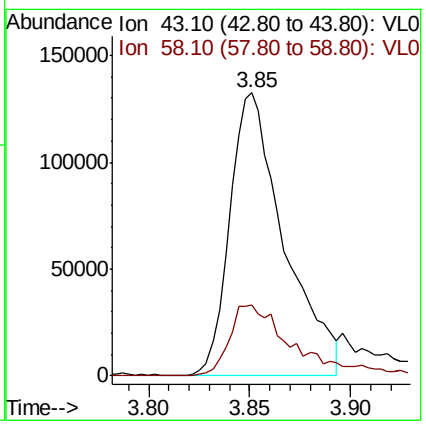


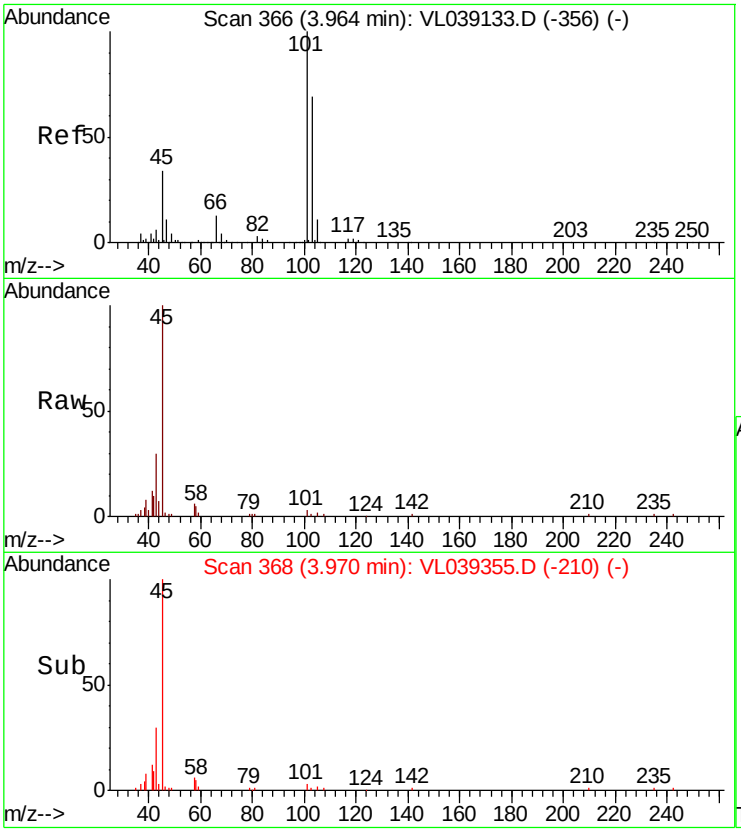


#15
Acetone
Concen: 2.197 ppbv
RT: 3.85 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL039355.D
Acq: 25 Jun 2022 00:29

Tgt Ion: 43 Resp: 247523

Ion	Ratio	Lower	Upper
43	100		
58	30.2	22.5	33.7



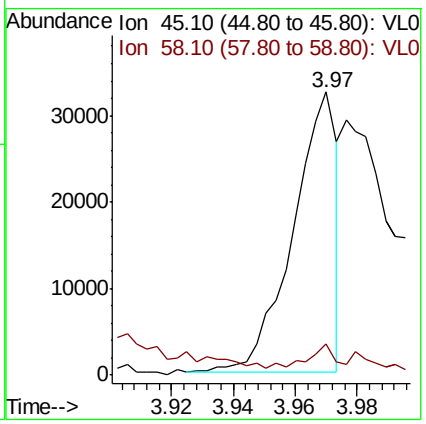


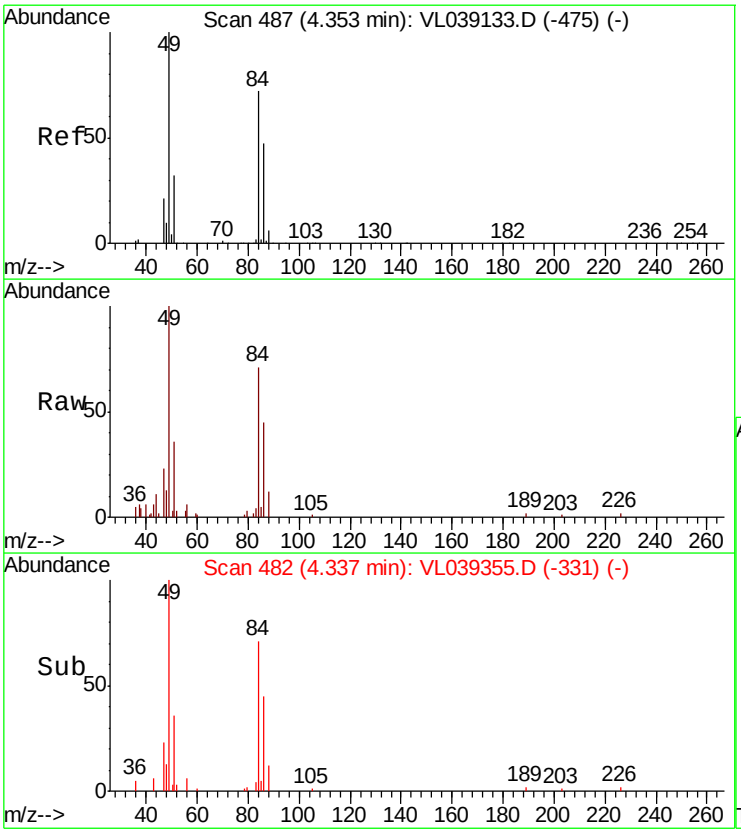
#19
Isopropyl Alcohol
Concen: 0.596 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 25 Jun 2022 00:29

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 45 Resp: 31506

Ion	Ratio	Lower	Upper
45	100		
58	16.7	1.8	2.8#

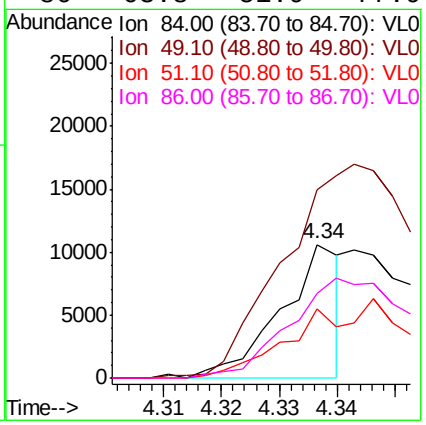


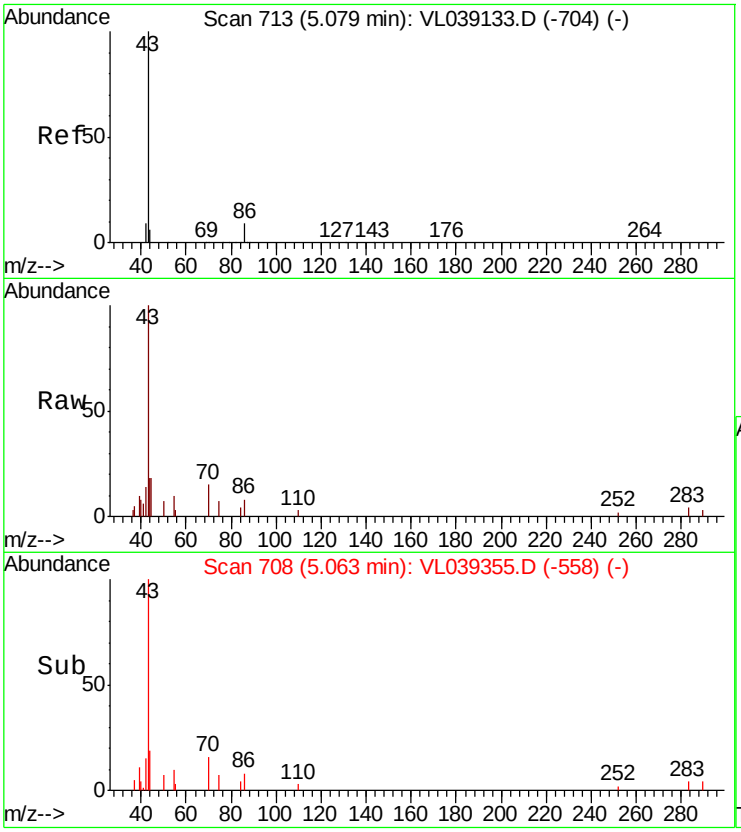


#20
Methylene Chloride
Concen: 0.158 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.02 min
Lab File: VL039355.D
Acq: 25 Jun 2022 00:29

Tgt Ion: 84 Resp: 7511

Ion	Ratio	Lower	Upper
84	100		
49	139.1	111.1	166.7
51	52.0	35.3	52.9
86	63.8	51.9	77.9



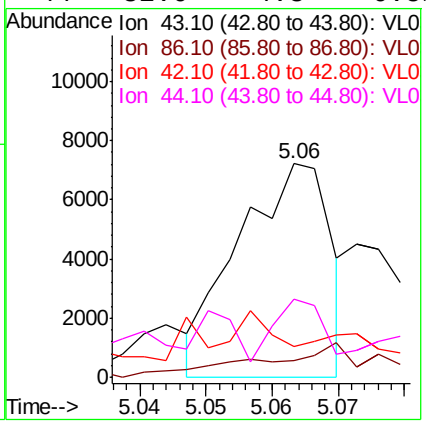


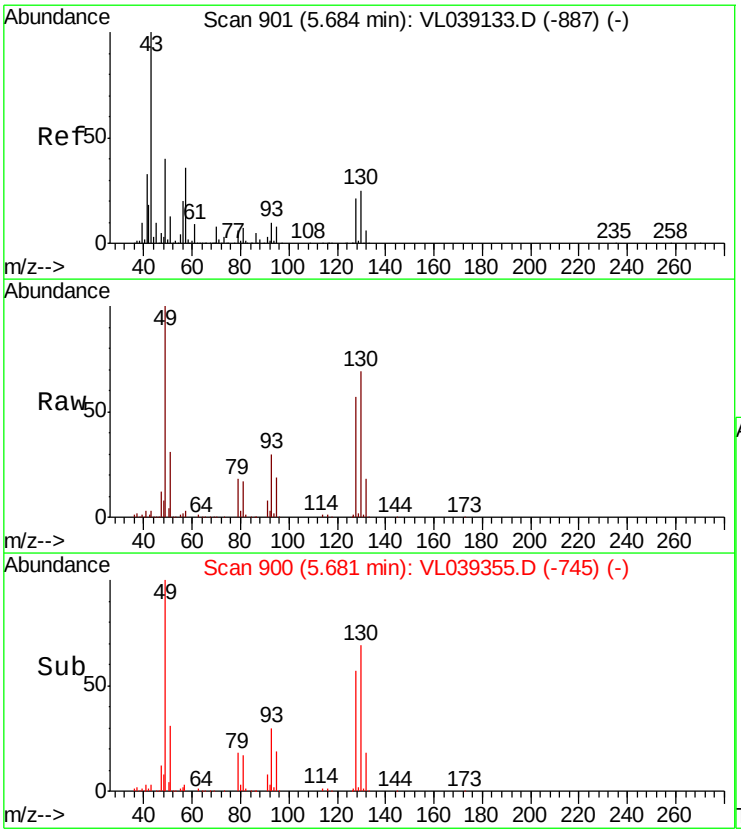
#23
Vinyl Acetate
Concen: 0.075 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 25 Jun 2022 00:29

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 43 Resp: 7016

Ion	Ratio	Lower	Upper
43	100		
86	5.3	6.0	9.0#
42	0.0	8.2	12.4#
44	32.0	4.3	6.5#

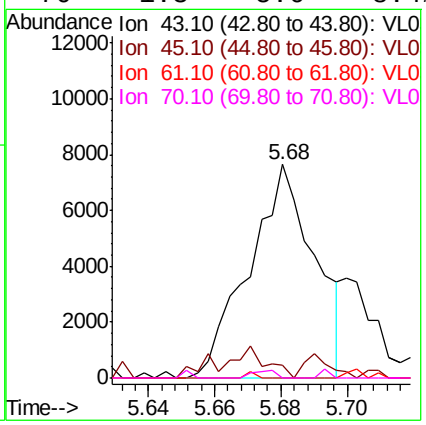


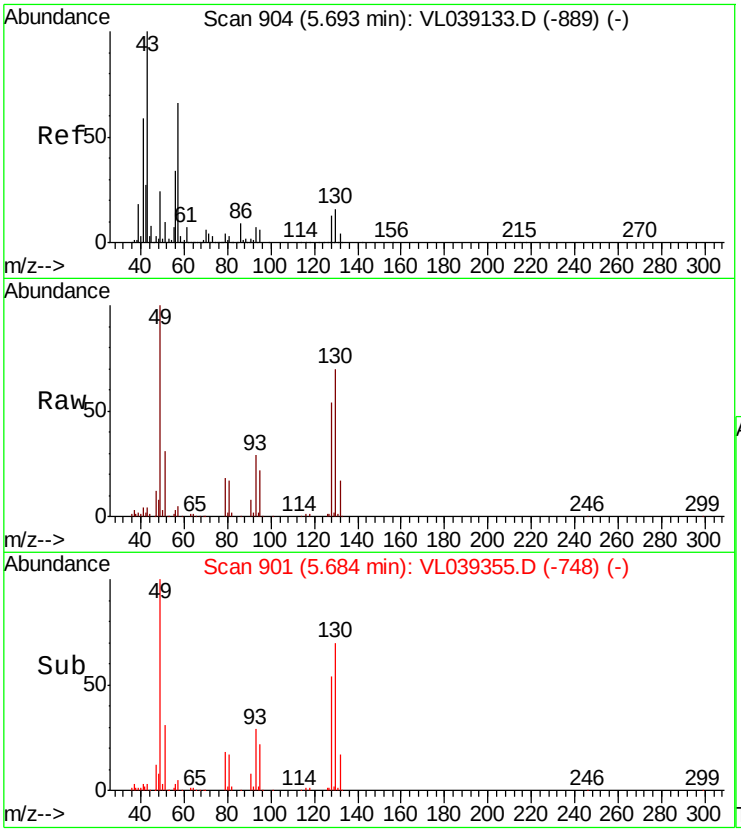


#25
Ethyl Acetate
Concen: 0.041 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL039355.D
Acq: 25 Jun 2022 00:29

Tgt Ion: 43 Resp: 10509

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.2
61	0.0	8.4	12.6#
70	1.3	5.6	8.4#



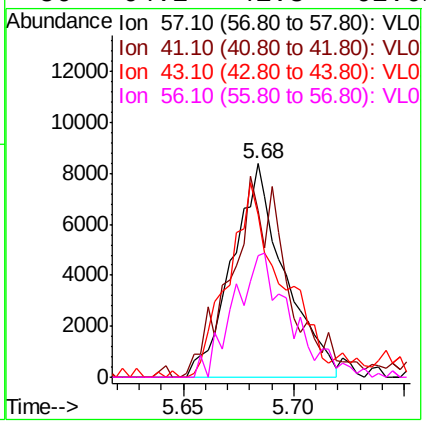


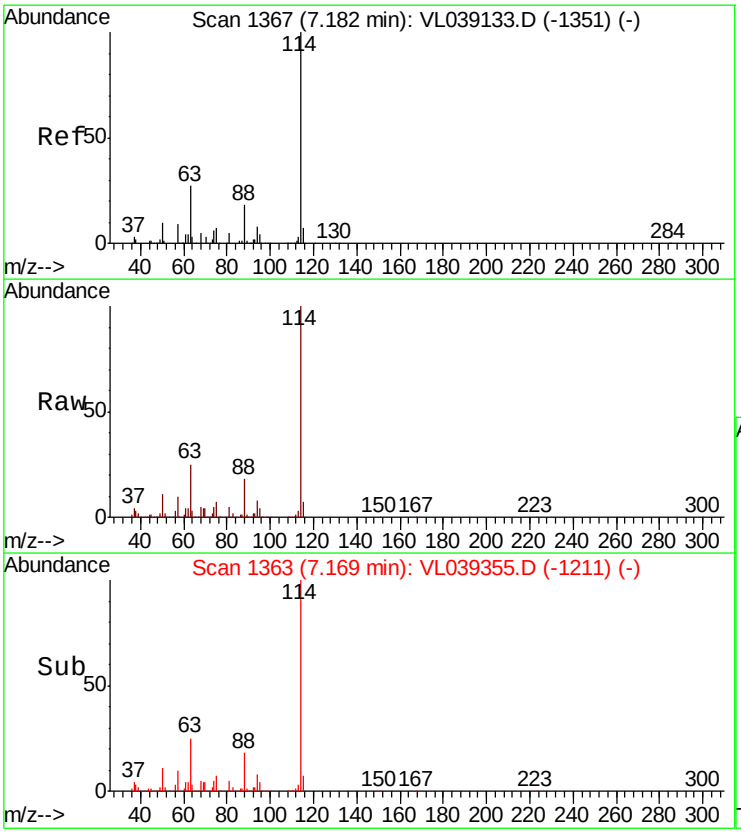
#26
Hexane
Concen: 0.124 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 25 Jun 2022 00:29

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 57 Resp: 13790

Ion	Ratio	Lower	Upper
57	100		
41	103.2	72.4	108.6
43	106.0	187.0	280.6#
56	64.2	41.8	62.6#

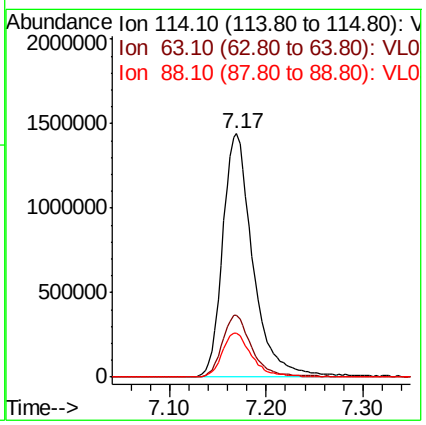


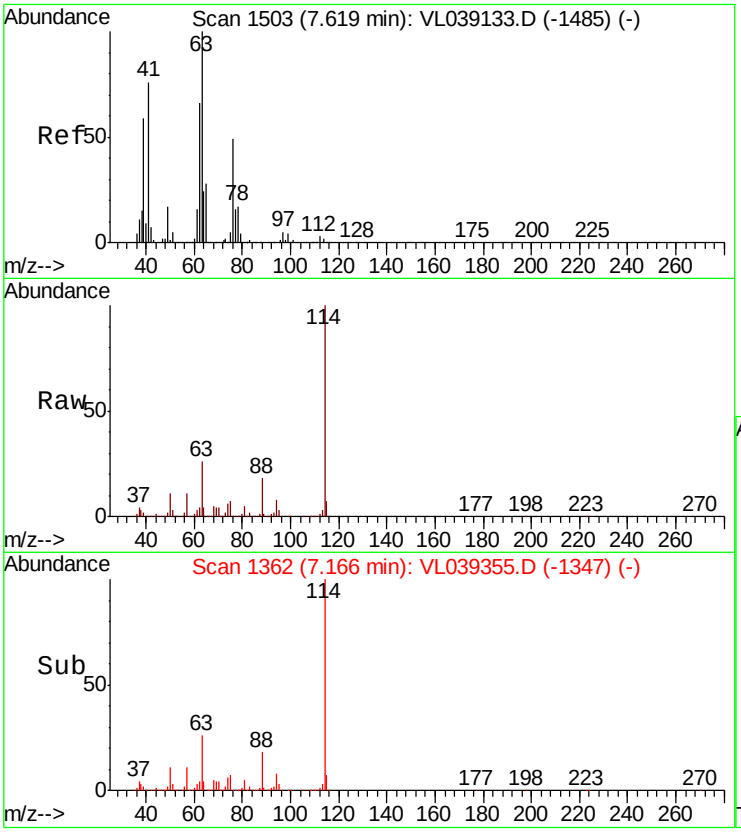


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL039355.D
Acq: 25 Jun 2022 00:29

Tgt Ion:114 Resp: 3129475

Ion	Ratio	Lower	Upper
114	100		
63	25.2	21.7	32.5
88	18.1	14.8	22.2



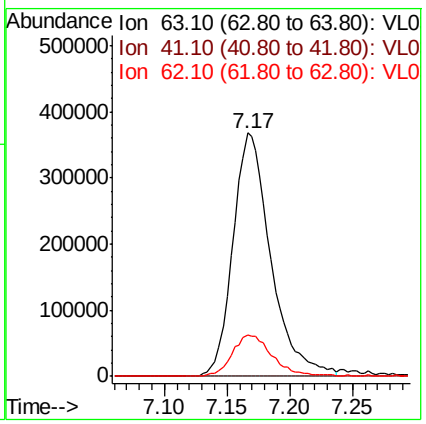


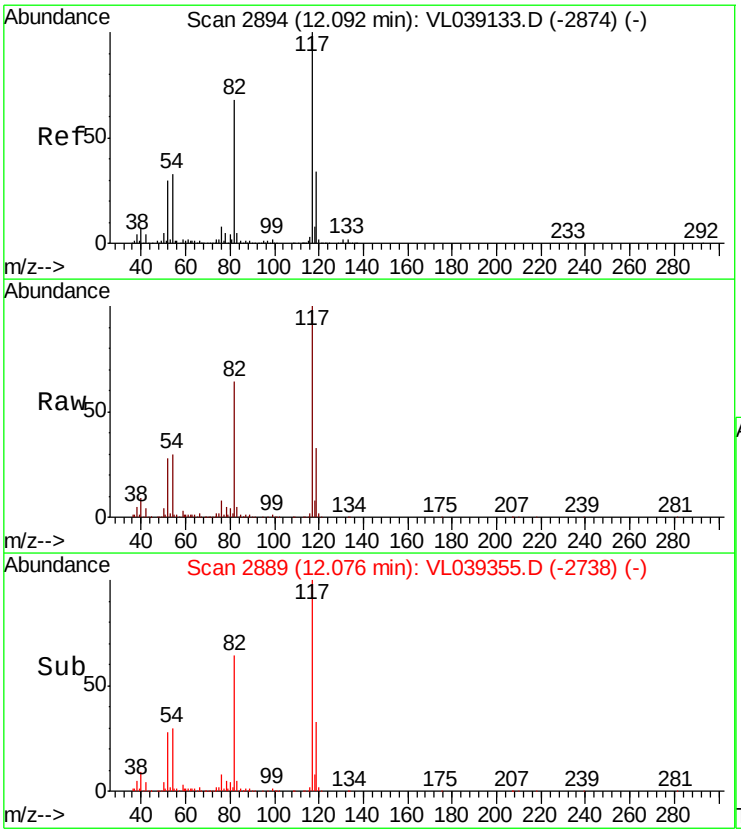
#39
1,2-Dichloropropane
Concen: 7.623 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 25 Jun 2022 00:29

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 63 Resp: 770374

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	16.8	52.9	79.3#

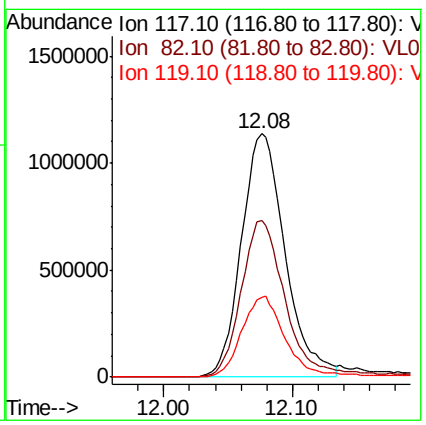


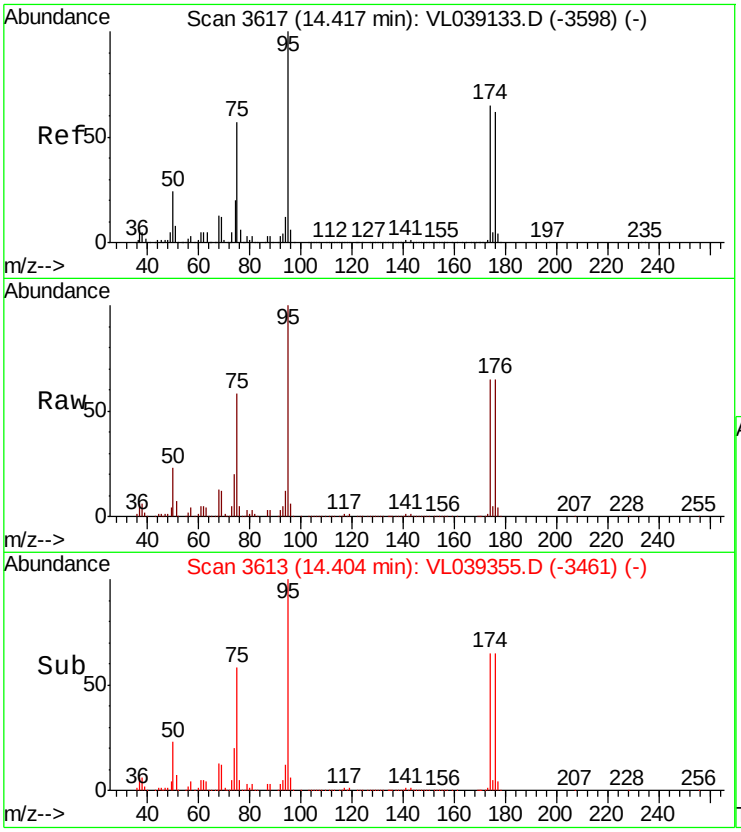


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.02 min
Lab File: VL039355.D
Acq: 25 Jun 2022 00:29

Tgt Ion:117 Resp: 2679709

Ion	Ratio	Lower	Upper
117	100		
82	67.4	55.1	82.7
119	34.7	24.7	37.1





#68
1-Bromo-4-Fluorobenzene
Concen: 8.973 ppbv
RT: 14.40
Delta R.T
Lab File:
Acq: 25 Jun 2022 00:29

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 95 Resp: 1987978

Ion	Ratio	Lower	Upper
95	100		
174	71.8	53.8	80.8
175	5.5	4.1	6.1