Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061322\
Data File : VL039272.D
Acq On : 14 Jun 2022 4:41
Operator : SY/AP
Sample : N3326-05DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Quant Time: Jun 14 08:08:18 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	5.67	49	1191771	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2571958	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	2221238	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	1936432	10.54	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	28874	0.138	ppbv		95
4) Chloromethane	3.15	50	5405	0.069	ppbv		98
9) Propene	3.03	41	54285	0.821	ppbv	#	80
11) Trichlorofluoromethane	3.96	101	6885	0.036	ppbv		94
13) Ethanol	3.61	45	42521	11.792	ppbv	#	100
15) Acetone	3.86	43	443227	3.570	ppbv		93
19) Isopropyl Alcohol	3.98	45	307716	5.285	ppbv	#	98
20) Methylene Chloride	4.35	84	69765	1.334	ppbv	#	82
25) Ethyl Acetate	5.68	43	19487	0.070	ppbv	#	54
26) Hexane	5.69	57	28494	0.232	ppbv	#	70
36) Benzene	6.89	78	10466	0.050	ppbv	#	86
39) 1,2-Dichloropropane	7.18	63	789860	9.510	ppbv	#	25
52) Tetrachloroethene	11.22	164	4239	0.052	ppbv	#	51

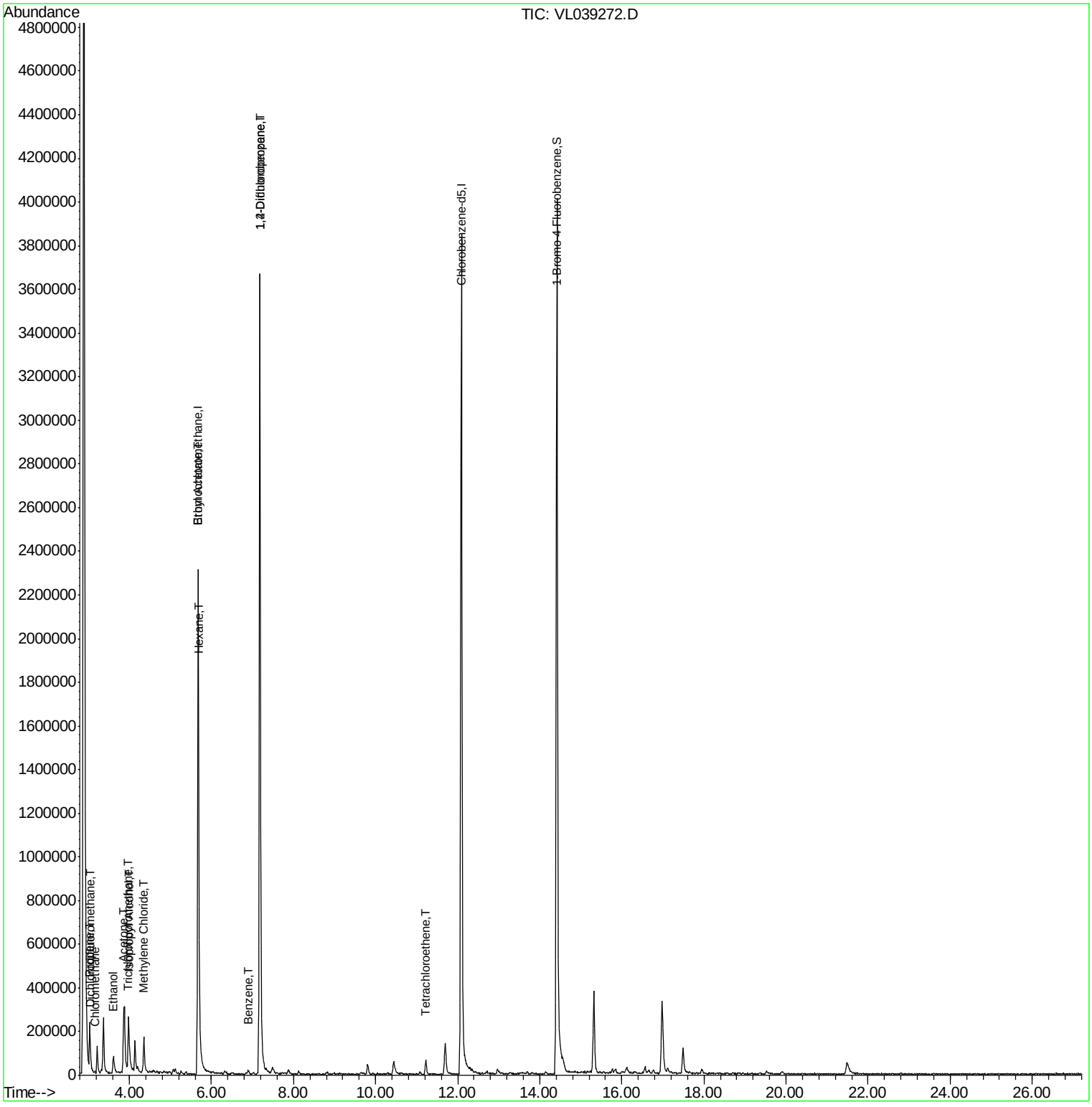
(#) = qualifier out of range (m) = manual integration (+) = signals summed

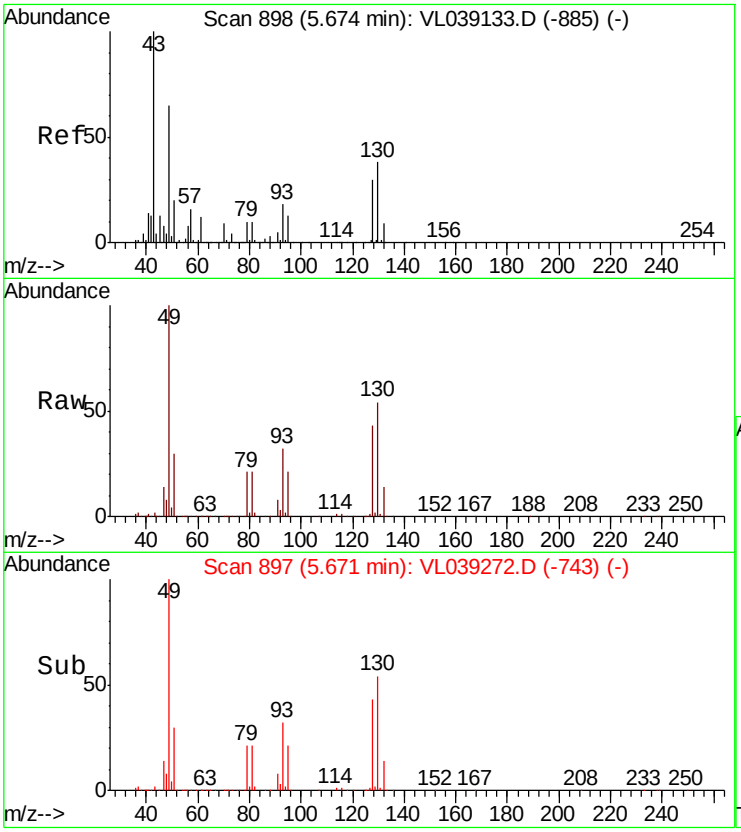
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061322\
Data File : VL039272.D
Acq On : 14 Jun 2022 4:41
Operator : SY/AP
Sample : N3326-05DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Quant Time: Jun 14 08:08:18 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



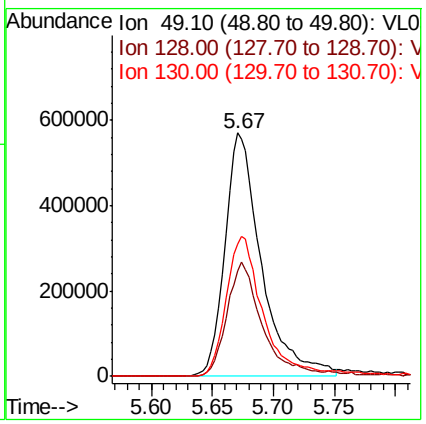


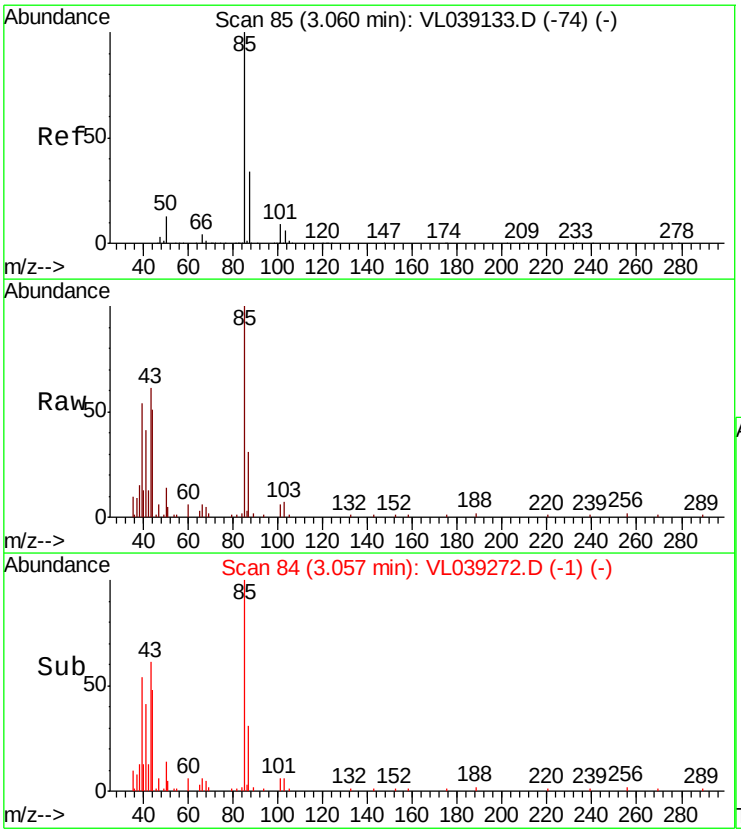
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 14 Jun 2022 4:41

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 49 Resp: 1191771

Ion	Ratio	Lower	Upper
49	100		
128	46.4	24.7	74.1
130	59.9	31.4	94.0

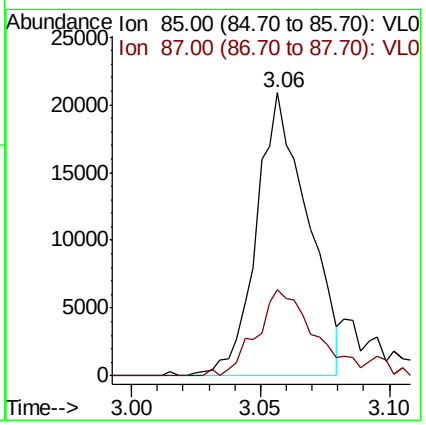


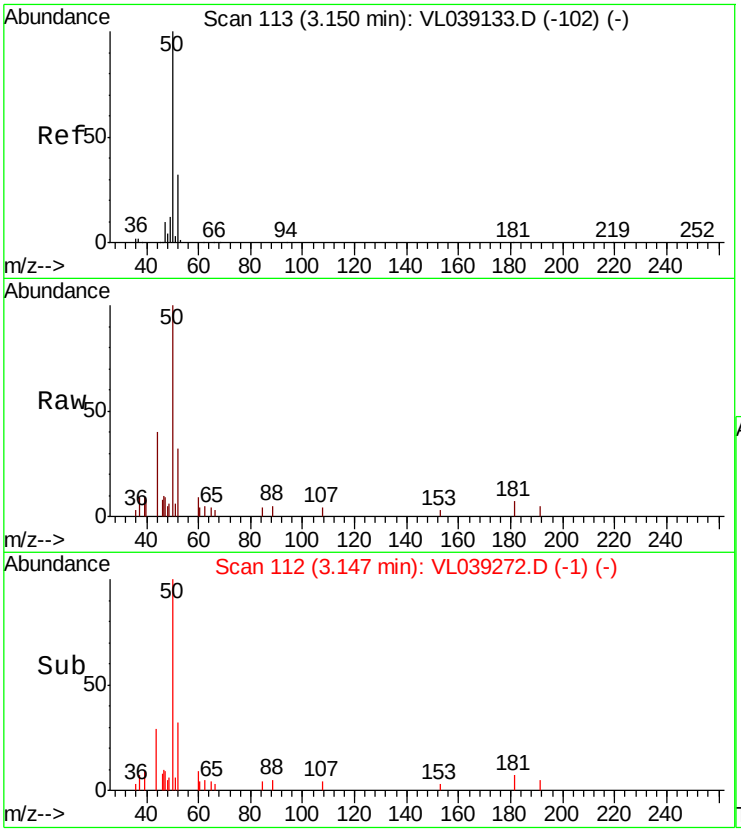


#2
Dichlorodifluoromethane
Concen: 0.138 ppbv
RT: 3.06 min Scan# 84
Delta R.T. -0.00 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

Tgt Ion: 85 Resp: 28874

Ion	Ratio	Lower	Upper
85	100		
87	30.6	26.9	40.3



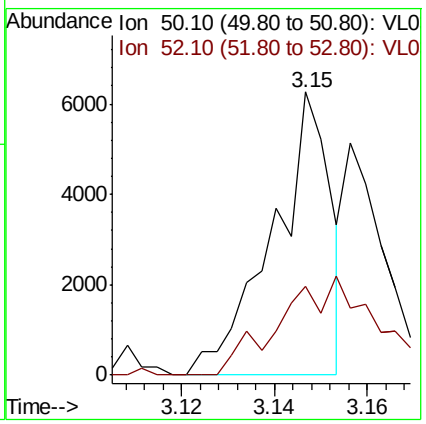


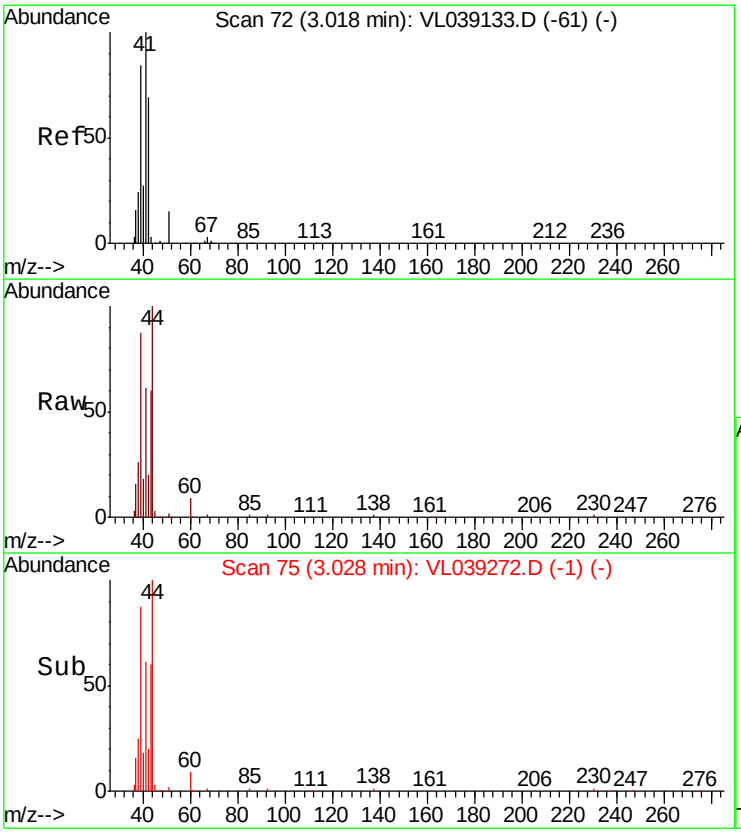
#4
Chloromethane
Concen: 0.069 ppbv
RT: 3.15
Delta R.T
Lab File:
Acq: 14 Jun 2022 4:41

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 50 Resp: 5405

Ion	Ratio	Lower	Upper
50	100		
52	31.6	25.9	38.9

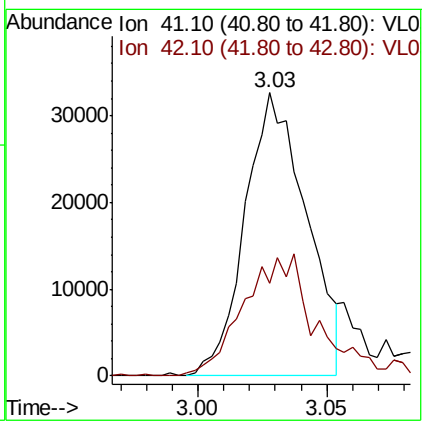


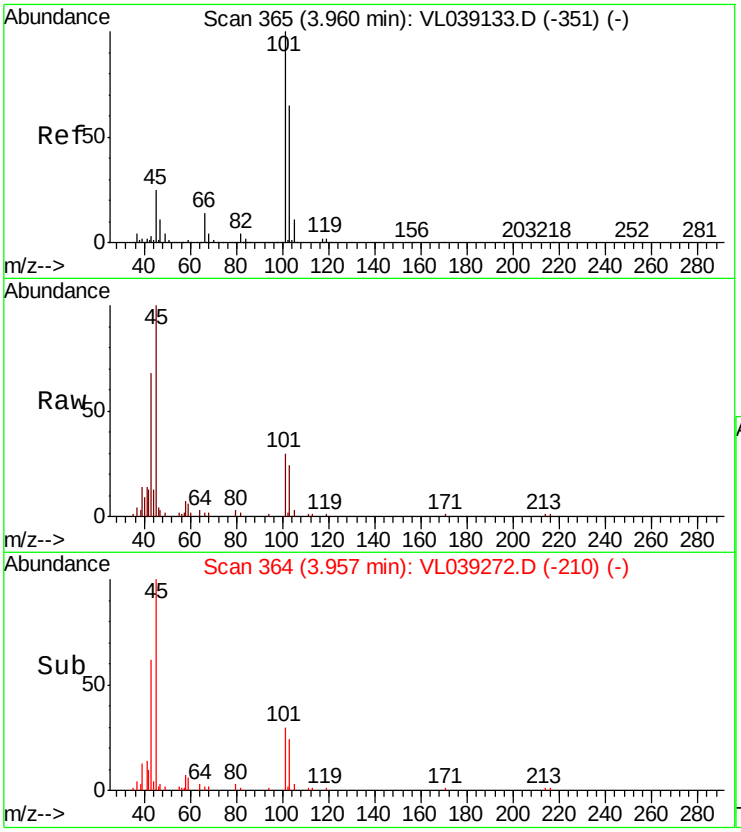


#9
Propene
Concen: 0.821 ppbv
RT: 3.03 min Scan# 75
Delta R.T. 0.01 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

Tgt Ion: 41 Resp: 54285

Ion	Ratio	Lower	Upper
41	100		
42	52.7	55.4	83.2#



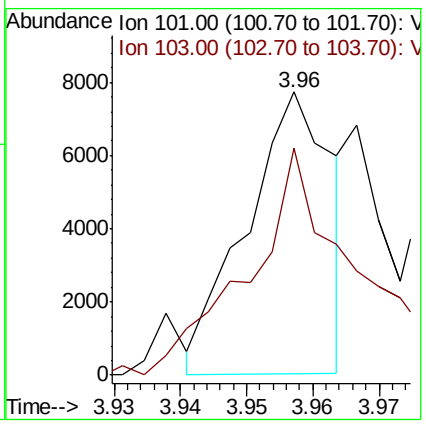


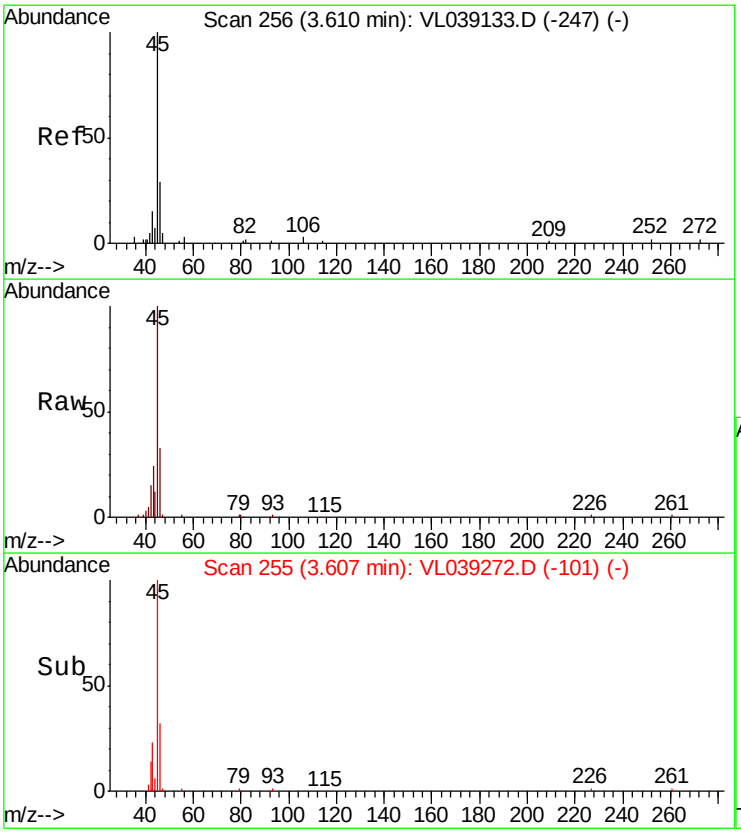
#11
Trichlorofluoromethane
Concen: 0.036 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 14 Jun 2022 4:41

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion:101 Resp: 6885

Ion	Ratio	Lower	Upper
101	100		
103	69.5	51.7	77.5

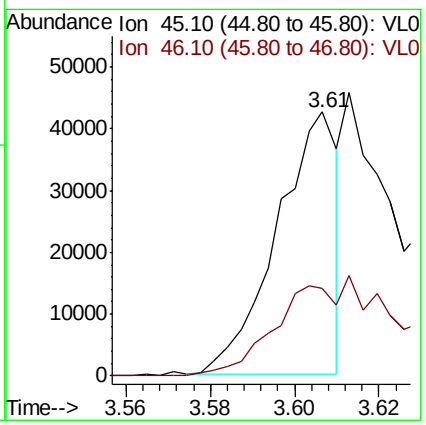


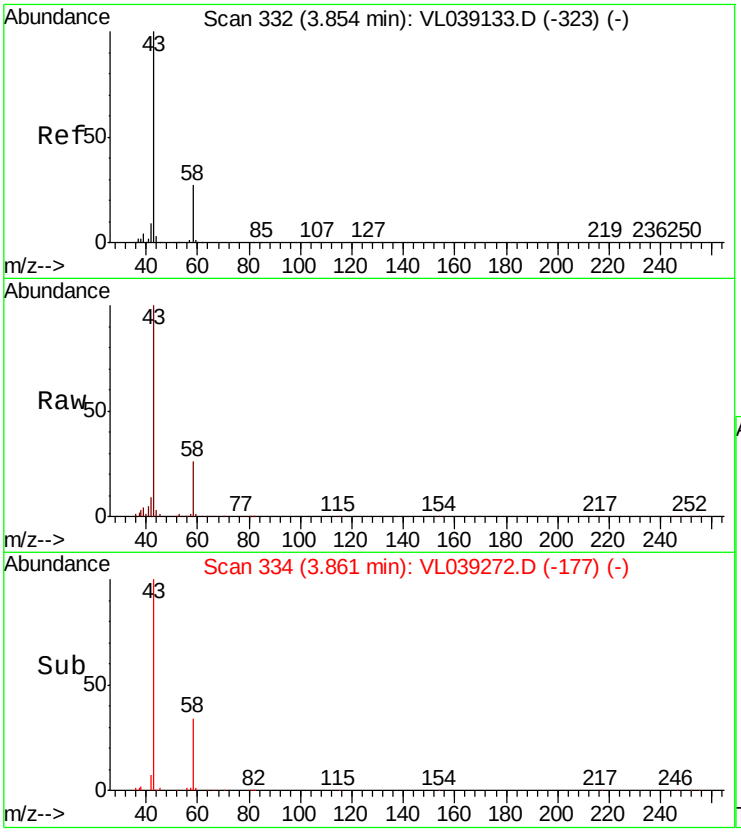


#13
Ethanol
Concen: 11.792 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

Tgt Ion: 45 Resp: 42521

Ion	Ratio	Lower	Upper
45	100		
46	0.0	0.0	0.0



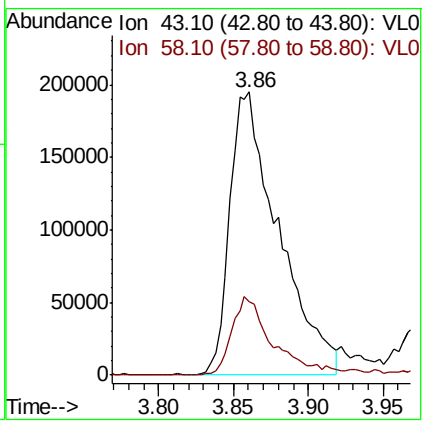


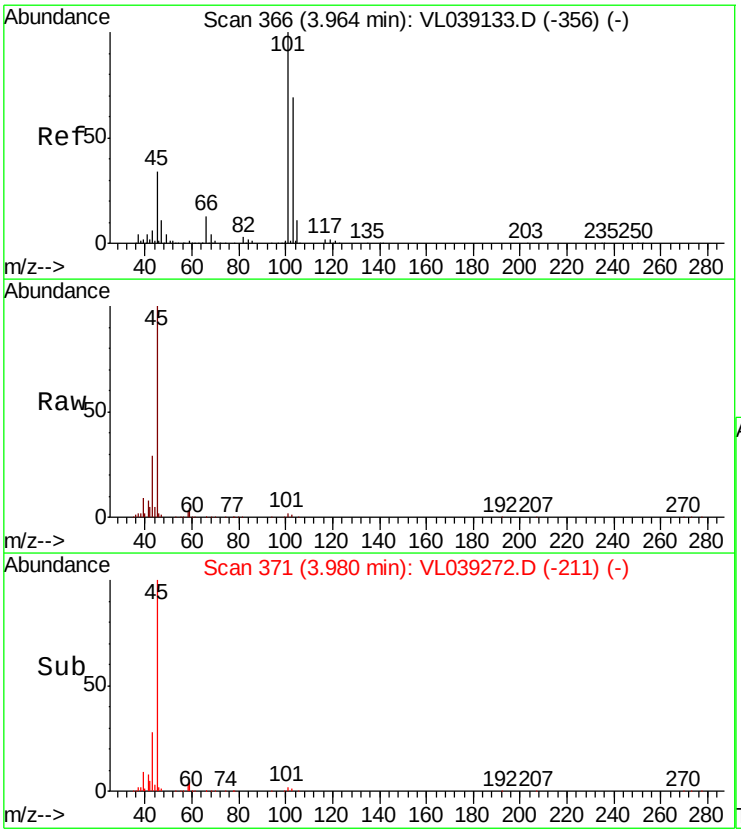
#15
Acetone
Concen: 3.570 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 14 Jun 2022 4:41

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 43 Resp: 443227

Ion	Ratio	Lower	Upper
43	100		
58	24.2	22.5	33.7

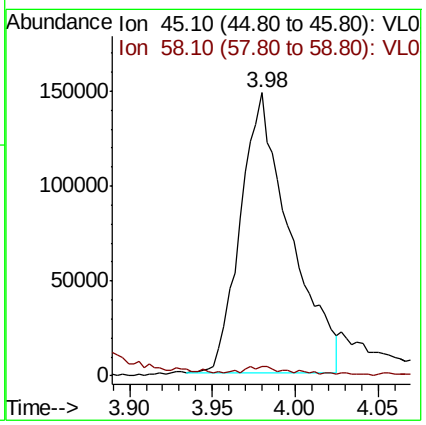


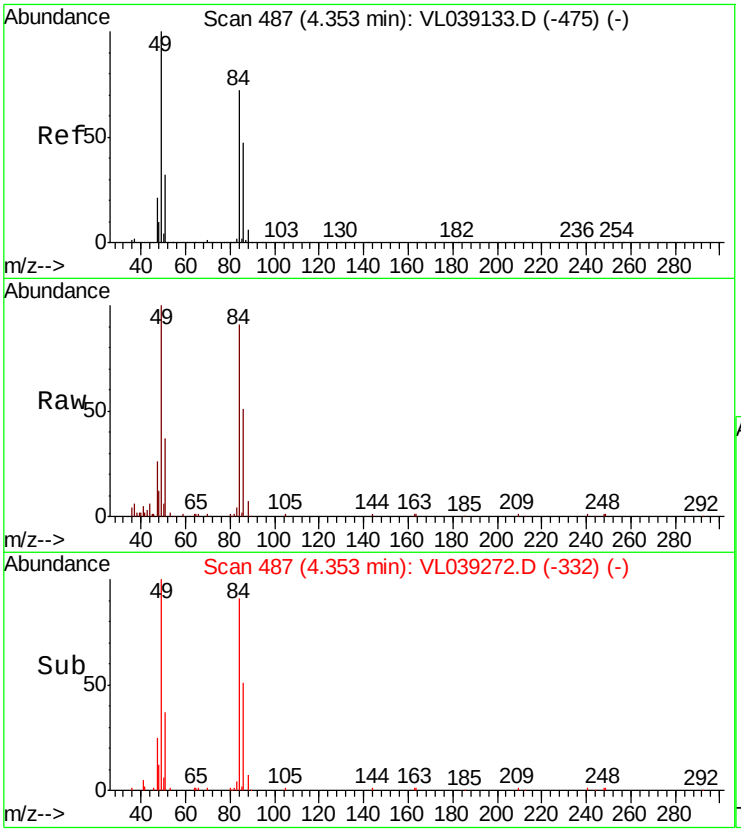


#19
Isopropyl Alcohol
Concen: 5.285 ppbv
RT: 3.98 min Scan# 371
Delta R.T. 0.02 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

Tgt Ion: 45 Resp: 307716

Ion	Ratio	Lower	Upper
45	100		
58	3.0	1.8	2.8#



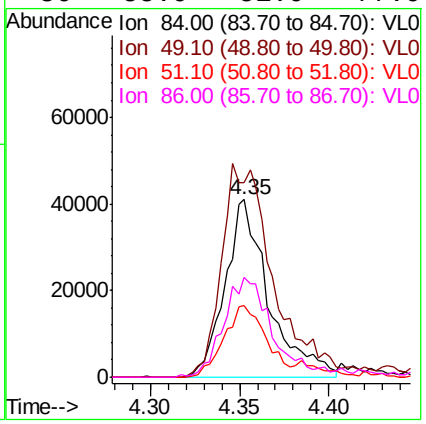


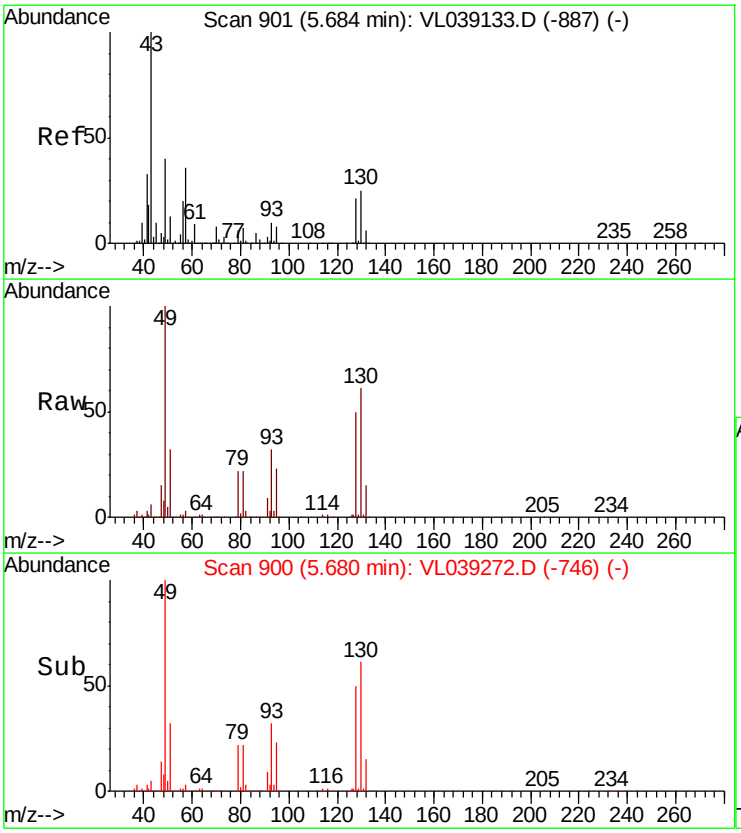
#20
Methylene Chloride
Concen: 1.334 ppbv
RT: 4.35
Delta R.T
Lab File:
Acq: 14 Jun 2022 4:41

Instrument : MSVOA_L
ClientSampleId : OA1DL

Tgt Ion: 84 Resp: 69765

Ion	Ratio	Lower	Upper
84	100		
49	108.5	111.1	166.7#
51	40.3	35.3	52.9
86	55.9	51.9	77.9

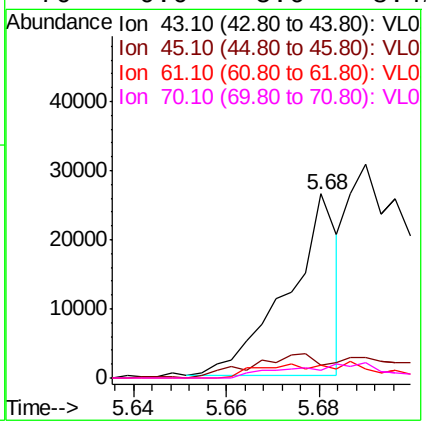


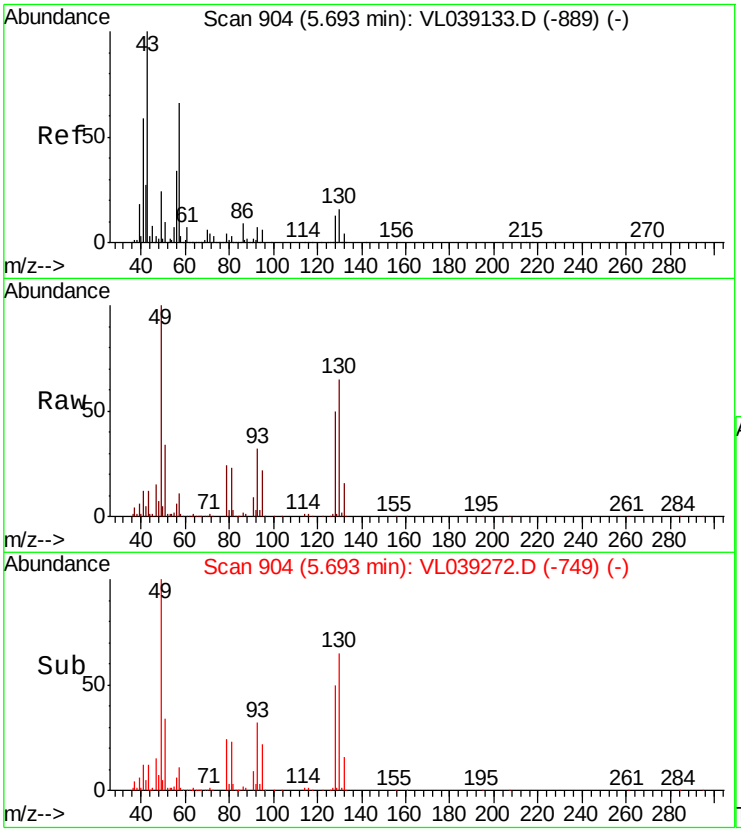


#25
Ethyl Acetate
Concen: 0.070 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

Tgt Ion: 43 Resp: 19487

Ion	Ratio	Lower	Upper
43	100		
45	41.0	8.2	12.2#
61	0.0	8.4	12.6#
70	0.0	5.6	8.4#



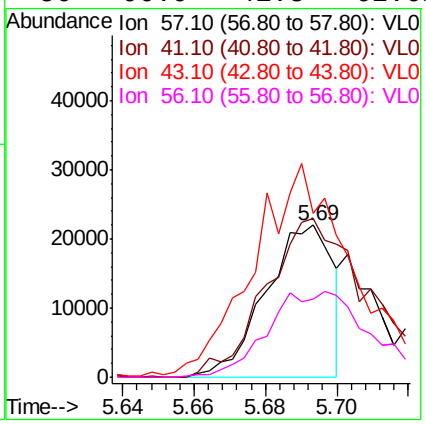


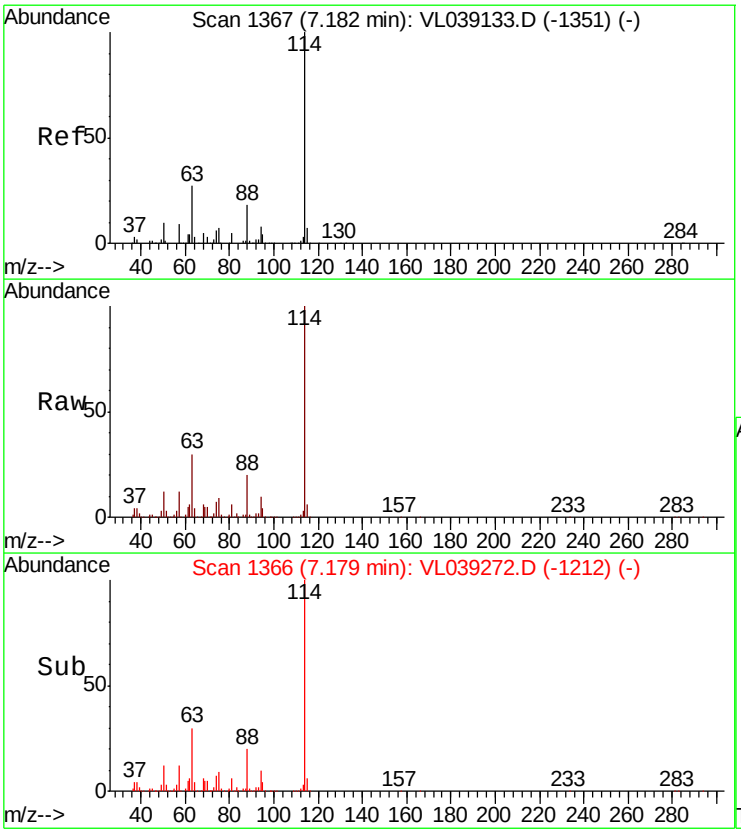
#26
Hexane
Concen: 0.232 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 14 Jun 2022 4:41

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 57 Resp: 28494

Ion	Ratio	Lower	Upper
57	100		
41	172.0	72.4	108.6#
43	228.8	187.0	280.6
56	90.9	41.8	62.6#

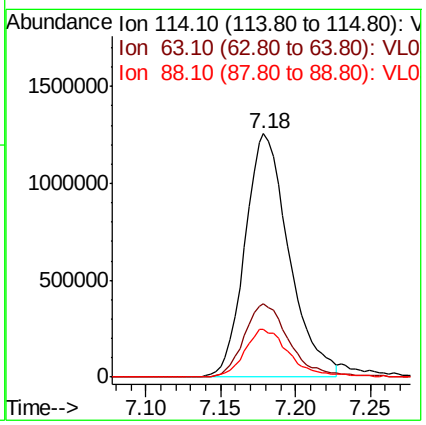


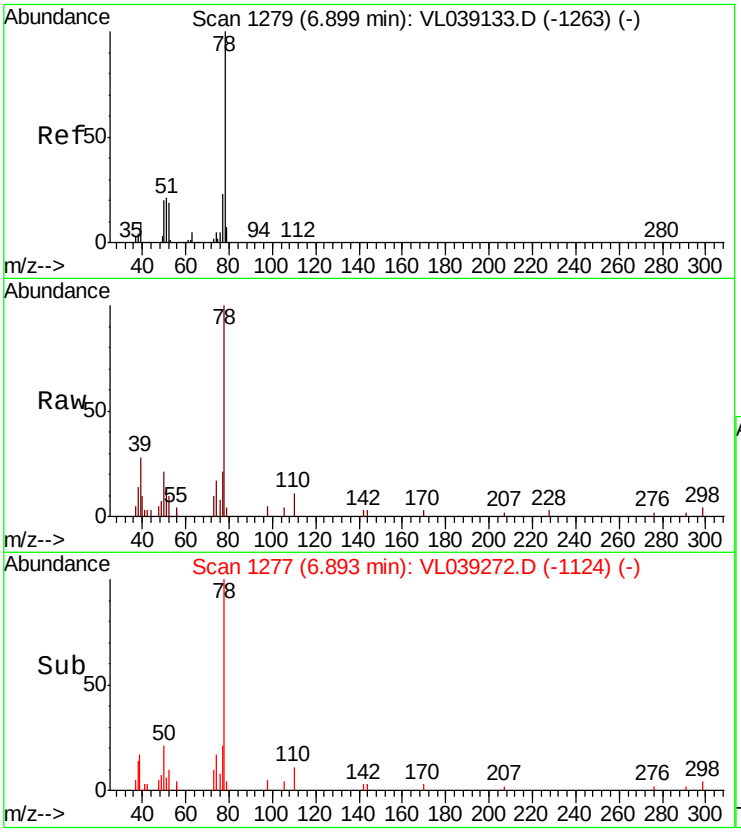


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.00 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

Tgt Ion:114 Resp: 2571958

Ion	Ratio	Lower	Upper
114	100		
63	31.4	21.7	32.5
88	20.4	14.8	22.2



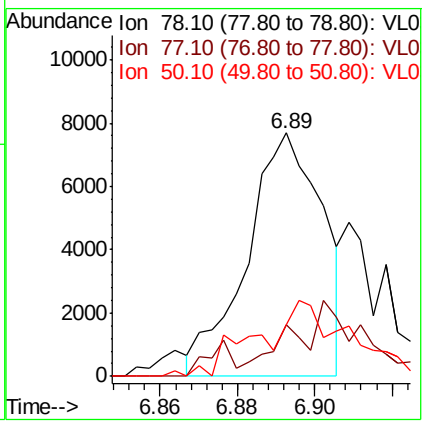


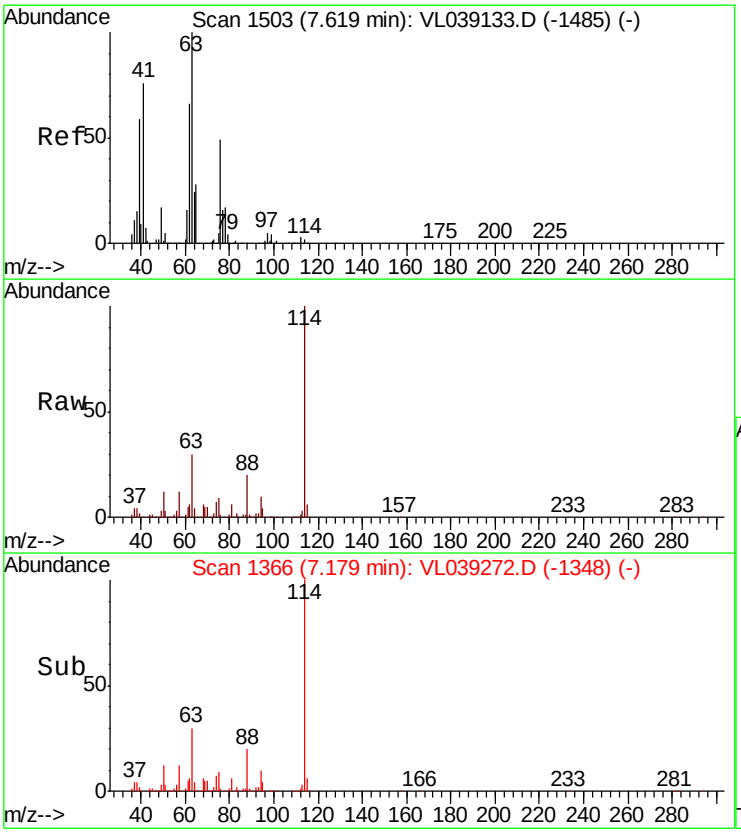
#36
Benzene
Concen: 0.050 ppbv
RT: 6.89
Delta R.T
Lab File:
Acq: 14 Jun 2022 4:41

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 78 Resp: 10466

Ion	Ratio	Lower	Upper
78	100		
77	13.7	18.6	27.8#
50	23.0	15.8	23.8

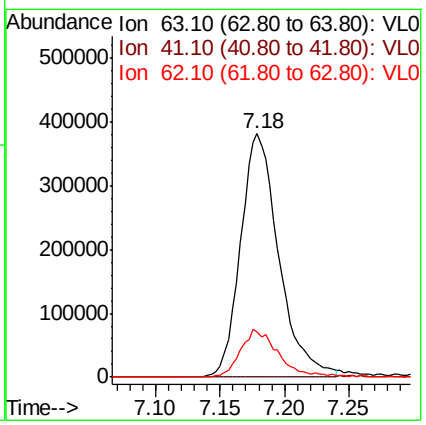


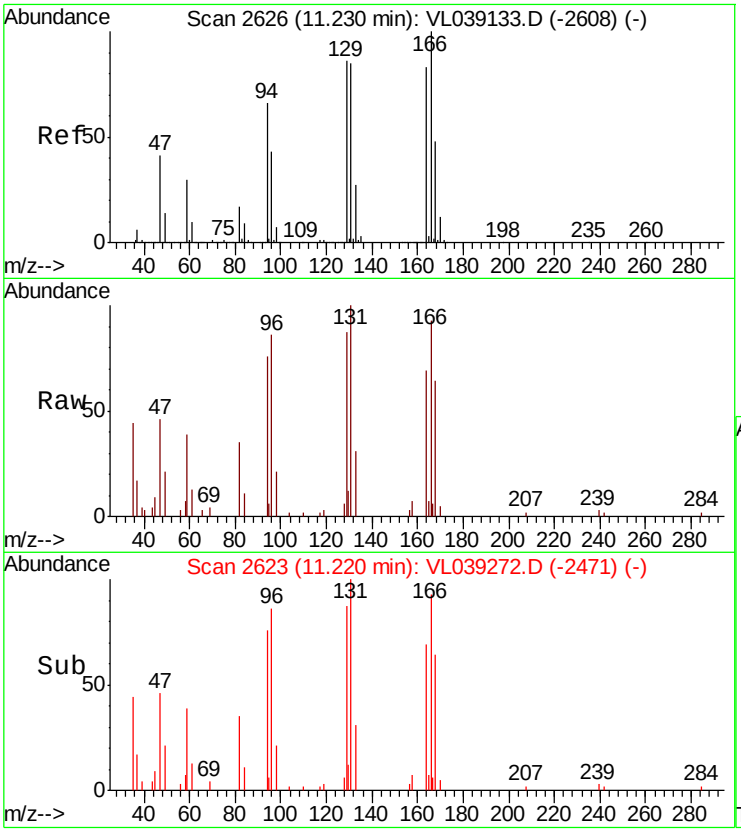


#39
1,2-Dichloropropane
Concen: 9.510 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.44 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

Tgt Ion: 63 Resp: 789860

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	18.8	52.9	79.3#



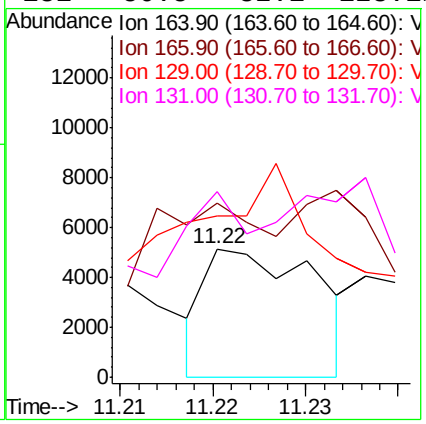


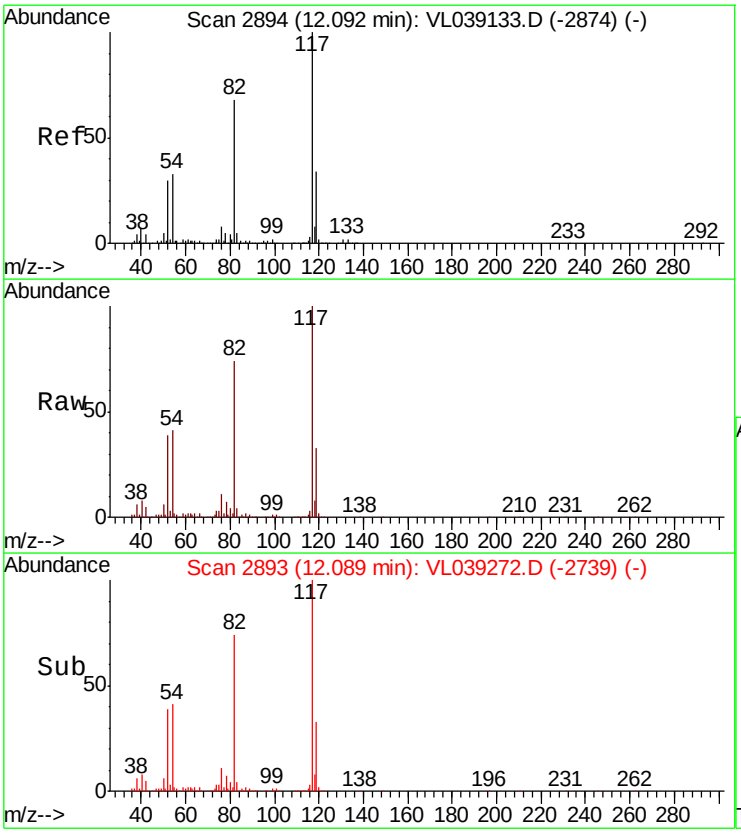
#52
Tetrachloroethene
Concen: 0.052 ppbv
RT: 11.22
Delta R.T
Lab File:
Acq: 14 Jun 2022 4:41

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion:164 Resp: 4239

Ion	Ratio	Lower	Upper
164	100		
166	31.3	96.3	144.5#
129	93.4	82.5	123.7
131	50.5	82.1	123.1#

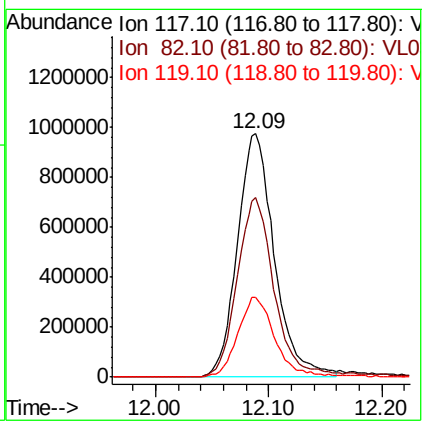


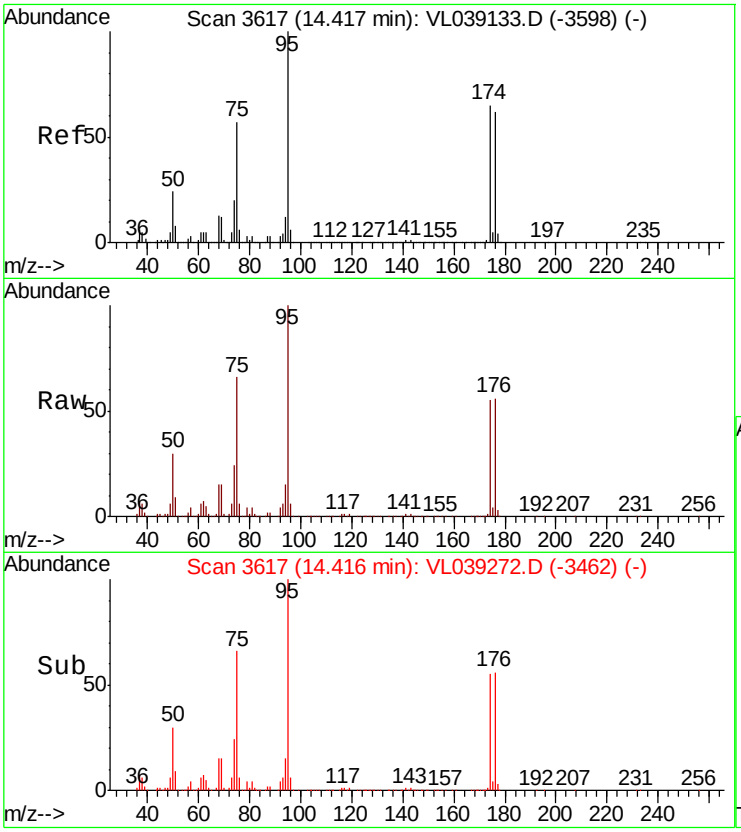


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL039272.D
Acq: 14 Jun 2022 4:41

Tgt Ion:117 Resp: 2221238

Ion	Ratio	Lower	Upper
117	100		
82	75.8	55.1	82.7
119	33.3	24.7	37.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.545 ppbv
RT: 14.42
Delta R.T
Lab File:
Acq: 14 Jun 2022 4.41

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 95 Resp: 1936432

Ion	Ratio	Lower	Upper
95	100		
174	58.4	53.8	80.8
175	4.3	4.1	6.1