Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061322\
Data File : VL039260.D
Acq On : 13 Jun 2022 20:35
Operator : SY/AP
Sample : N3330-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : OTC-SG-2DL

Quant Time: Jun 14 01:32:44 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	1594078	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	3746060	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	3103562	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2591428	10.10	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.00	85	18667	0.067	ppbv		96
3) Chlorodifluoromethane	3.00	51	1280952	6.316	ppbv		95
9) Propene	3.21	41	319065	3.608	ppbv		98
13) Ethanol	3.60	45	636368	131.940	ppbv	#	100
15) Acetone	3.86	43	311164	1.874	ppbv		95
19) Isopropyl Alcohol	3.98	45	53635	0.689	ppbv	#	1
20) Methylene Chloride	4.35	84	136828	1.955	ppbv		96
25) Ethyl Acetate	5.68	43	222505	0.595	ppbv		98
26) Hexane	5.69	57	121948	0.741	ppbv		88
31) cis-1,2-Dichloroethene	5.55	61	7589	0.045	ppbv		87
34) 2-Butanone	5.25	43	45175	0.222	ppbv	#	83
36) Benzene	6.90	78	143608	0.472	ppbv		95
38) Trichloroethene	7.84	130	34923	0.250	ppbv	#	77
39) 1,2-Dichloropropane	7.23	63	11826	0.098	ppbv	#	21
52) Tetrachloroethene	11.23	164	9079508	76.463	ppbv		98
62) Isopropylbenzene	14.66	105	57409	0.109	ppbv	#	50

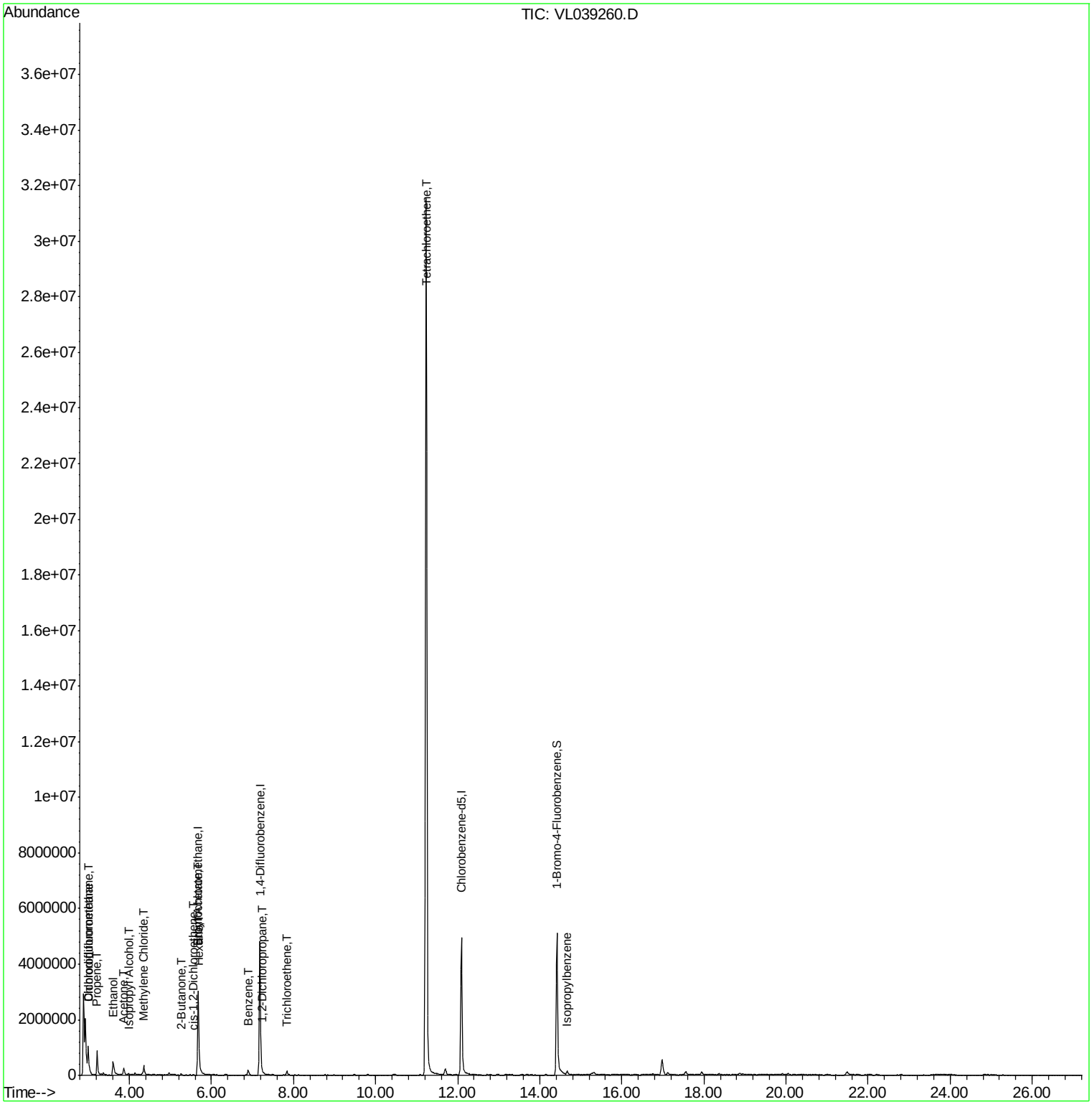
(#) = qualifier out of range (m) = manual integration (+) = signals summed

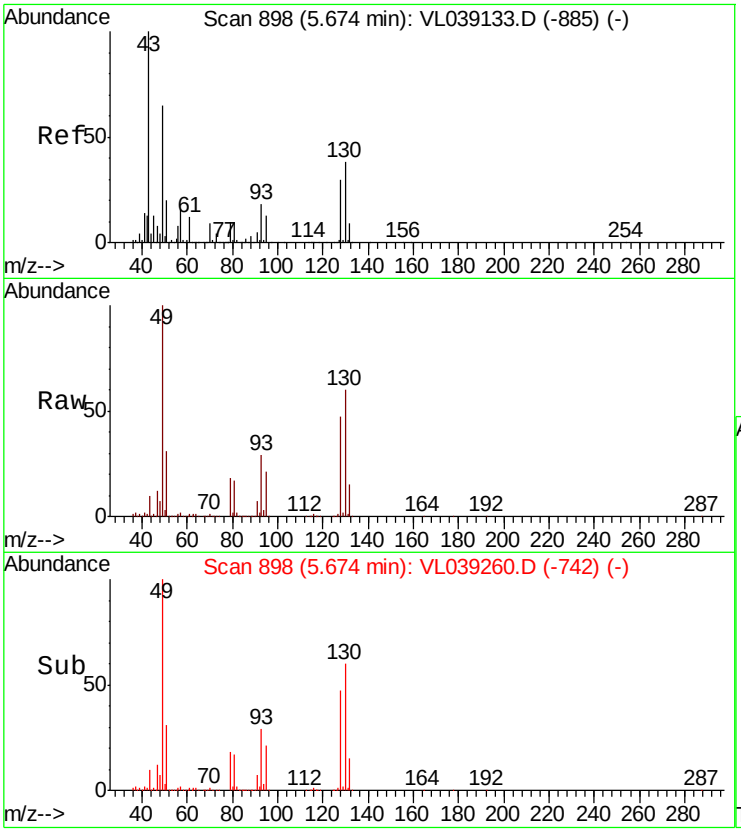
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061322\
Data File : VL039260.D
Acq On : 13 Jun 2022 20:35
Operator : SY/AP
Sample : N3330-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Quant Time: Jun 14 01:32:44 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



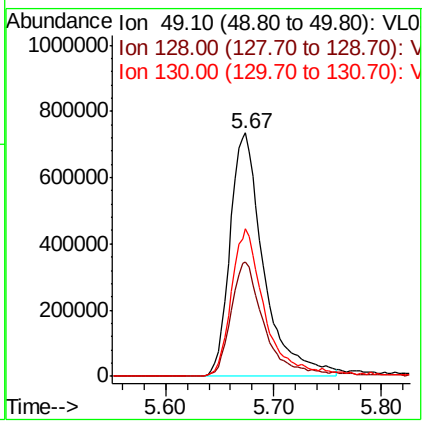


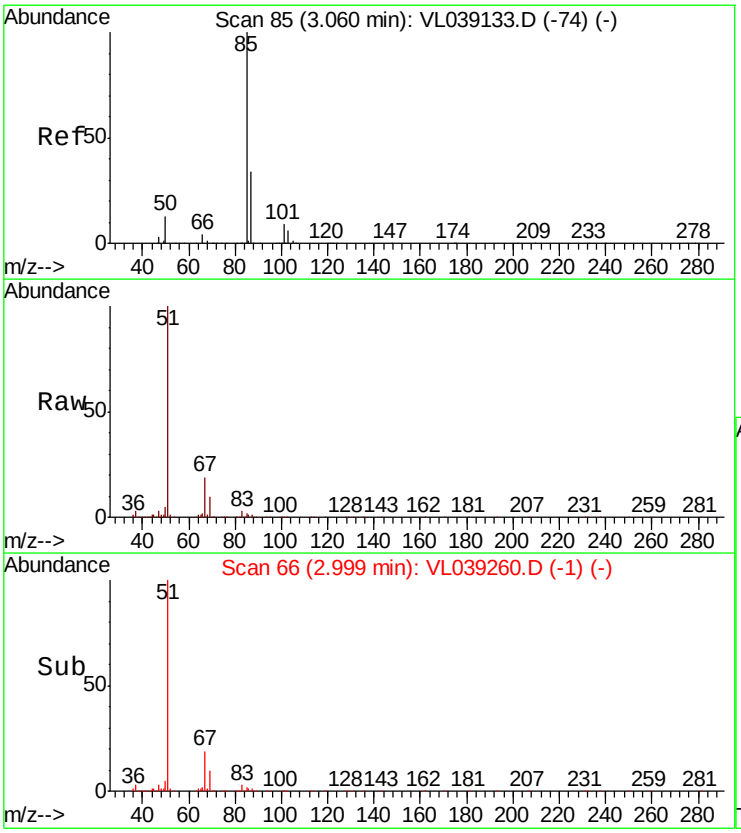
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 13 Jun 2022 20:35

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion: 49 Resp: 1594078

Ion	Ratio	Lower	Upper
49	100		
128	48.4	24.7	74.1
130	61.5	31.4	94.0

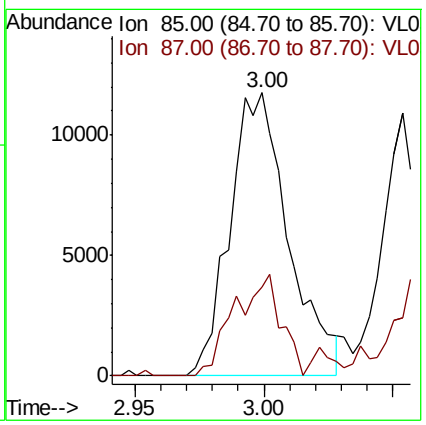


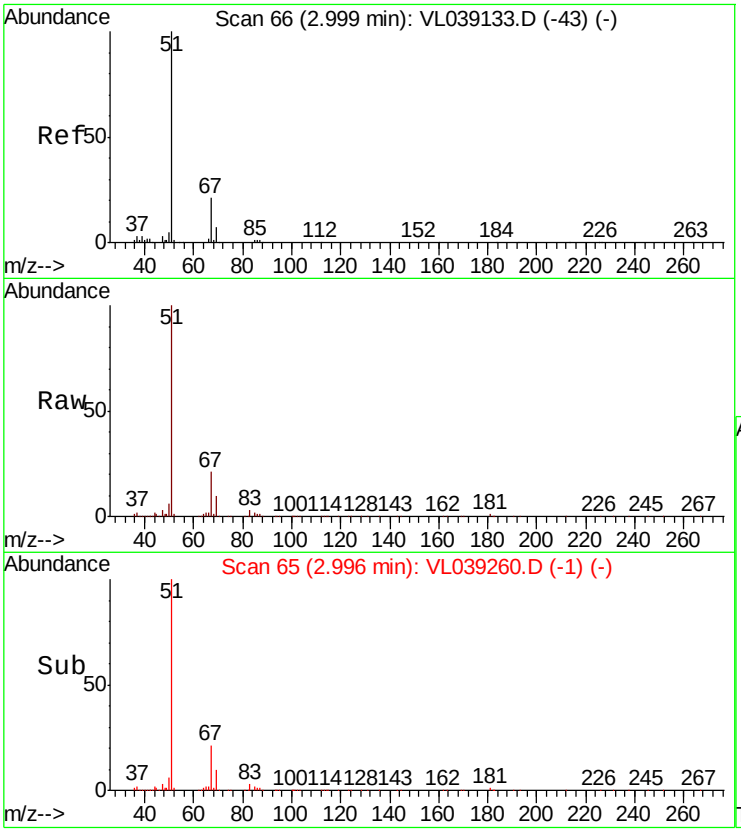


#2
Dichlorodifluoromethane
Concen: 0.067 ppbv
RT: 3.00 min Scan# 66
Delta R.T. -0.06 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35

Tgt Ion: 85 Resp: 18667

Ion	Ratio	Lower	Upper
85	100		
87	31.3	26.9	40.3



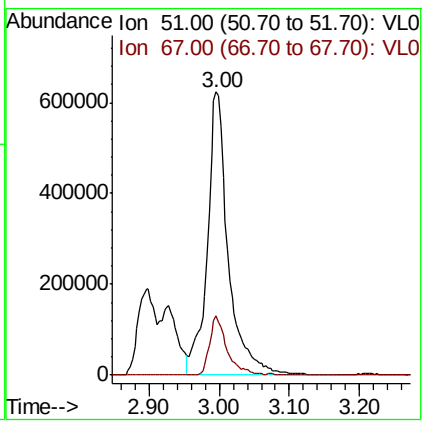


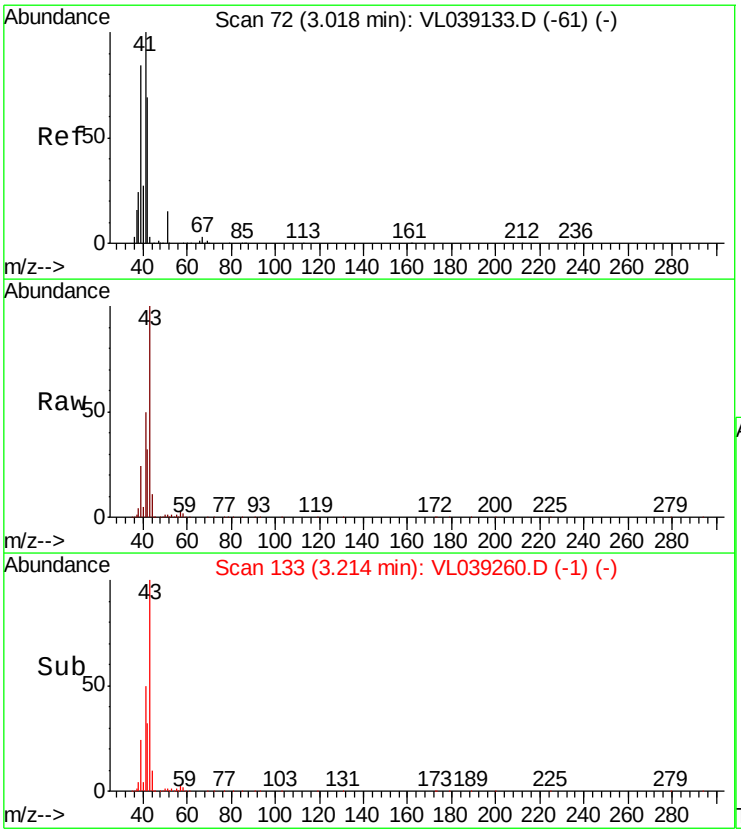
#3
Chlorodifluoromethane
Concen: 6.316 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 13 Jun 2022 20:35

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion: 51 Resp: 1280952

Ion	Ratio	Lower	Upper
51	100		
67	17.8	16.2	24.4

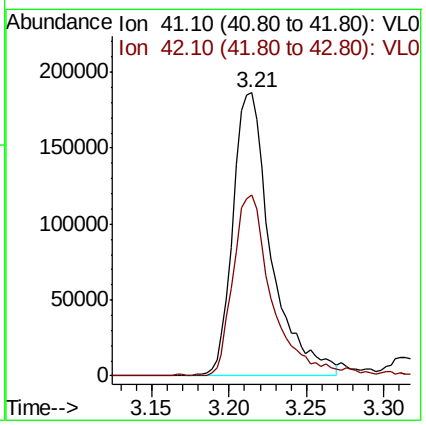


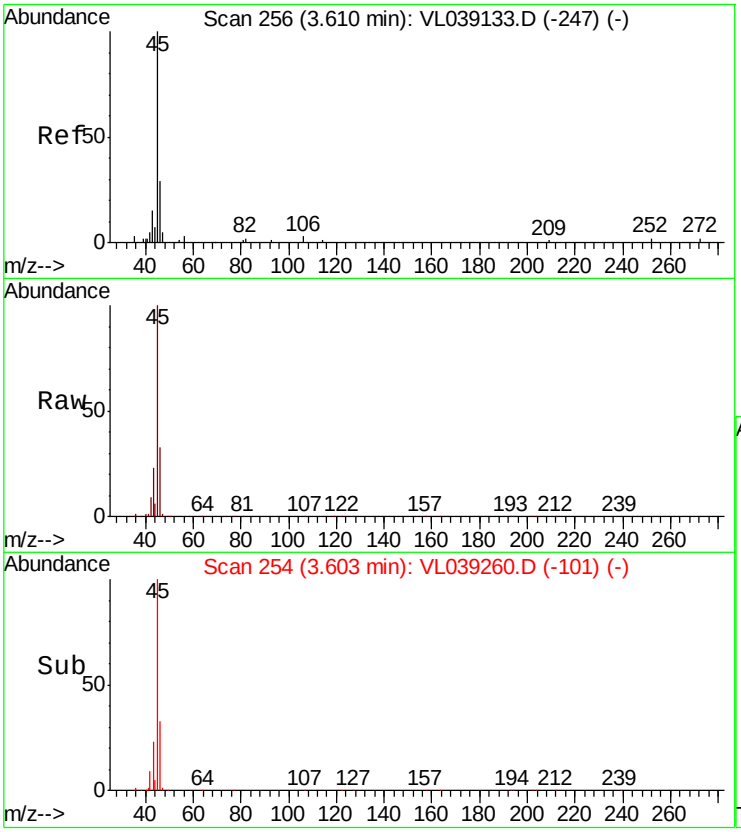


#9
Propene
Concen: 3.608 ppbv
RT: 3.21 min Scan# 133
Delta R.T. 0.20 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35

Tgt Ion: 41 Resp: 319065

Ion	Ratio	Lower	Upper
41	100		
42	67.5	55.4	83.2



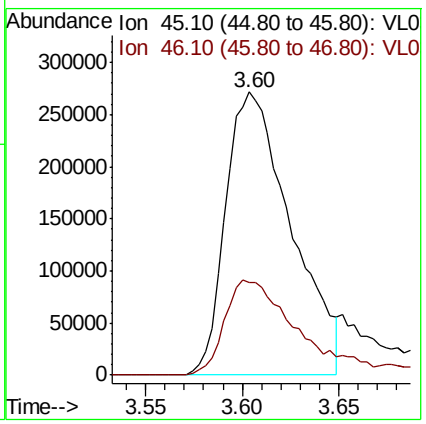


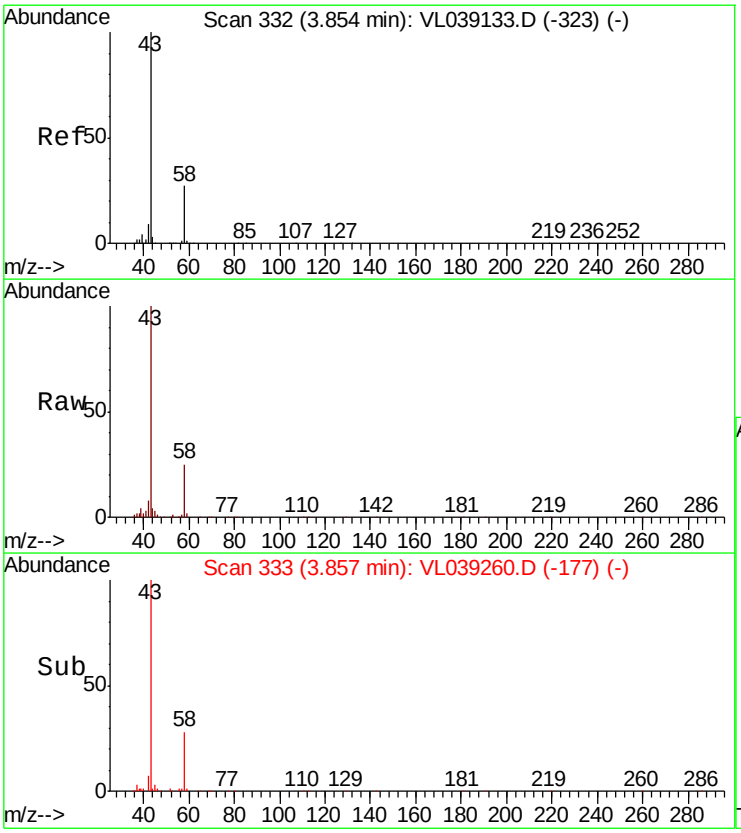
#13
Ethanol
Concen: 131.940 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 13 Jun 2022 20:35

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion: 45 Resp: 636368

Ion	Ratio	Lower	Upper
45	100		
46	42.8	0.0	0.0#

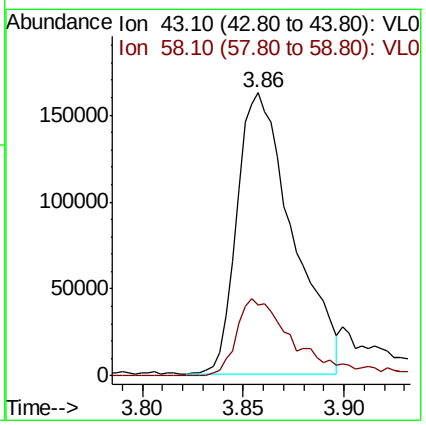


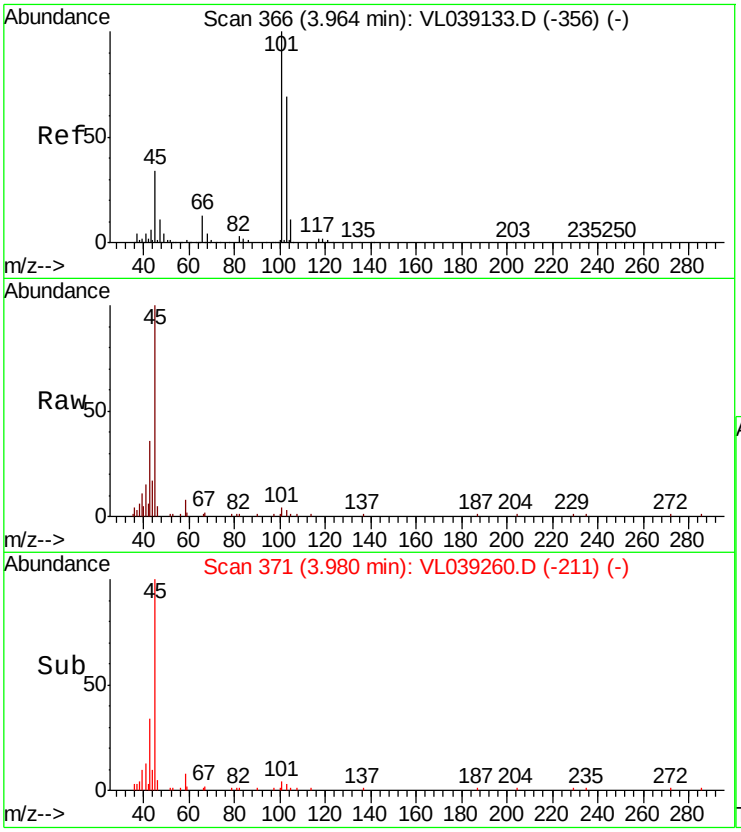


#15
Acetone
Concen: 1.874 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.00 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35

Tgt Ion: 43 Resp: 311164

Ion	Ratio	Lower	Upper
43	100		
58	30.5	22.5	33.7



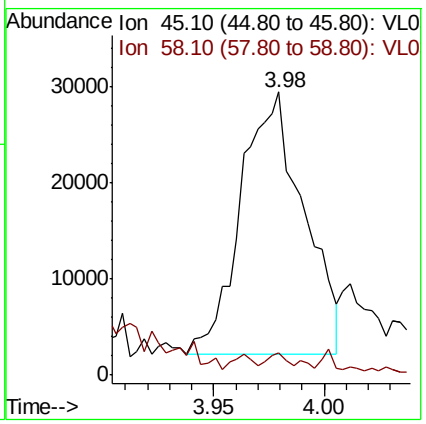


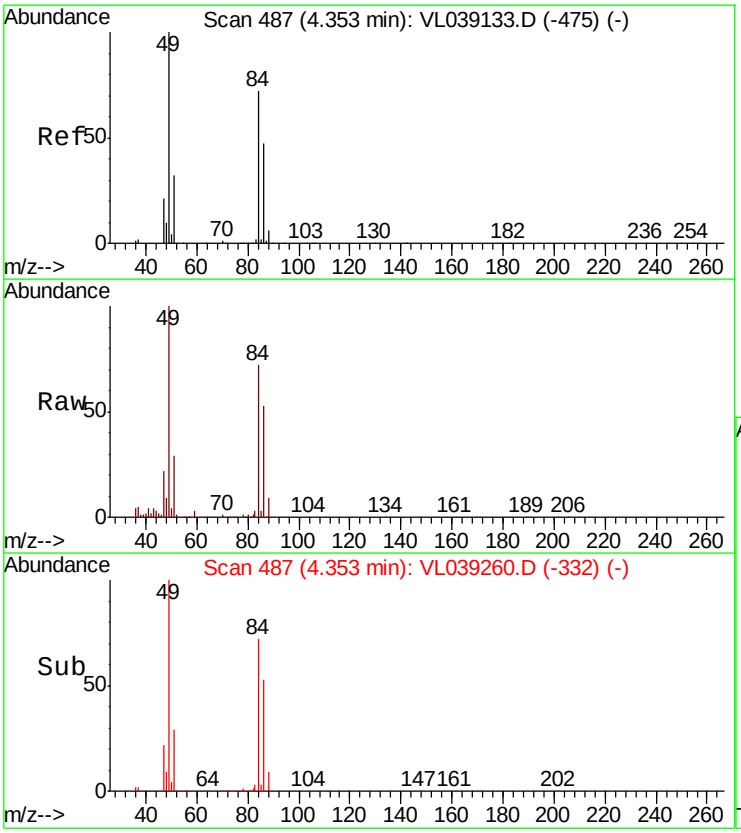
#19
Isopropyl Alcohol
Concen: 0.689 ppbv
RT: 3.98
Delta R.T
Lab File:
Acq: 13 Jun 2022 20:35

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion: 45 Resp: 53635

Ion	Ratio	Lower	Upper
45	100		
58	174.3	1.8	2.8#

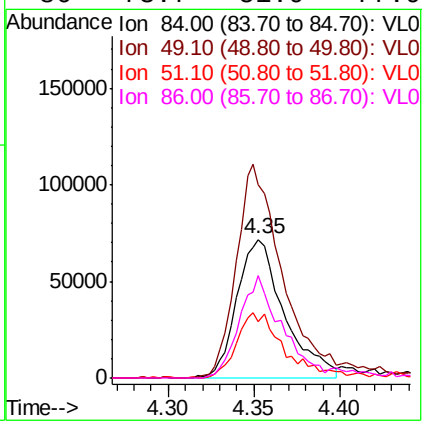


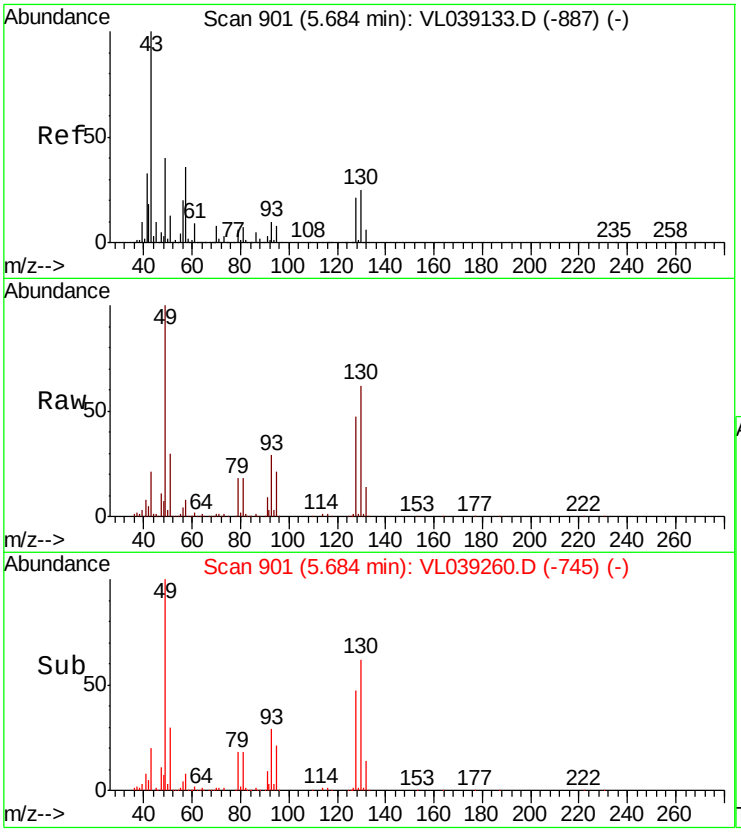


#20
Methylene Chloride
Concen: 1.955 ppbv
RT: 4.35 min Scan# 487
Delta R.T. -0.00 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35

Tgt Ion: 84 Resp: 136828

Ion	Ratio	Lower	Upper
84	100		
49	139.8	111.1	166.7
51	40.2	35.3	52.9
86	73.7	51.9	77.9



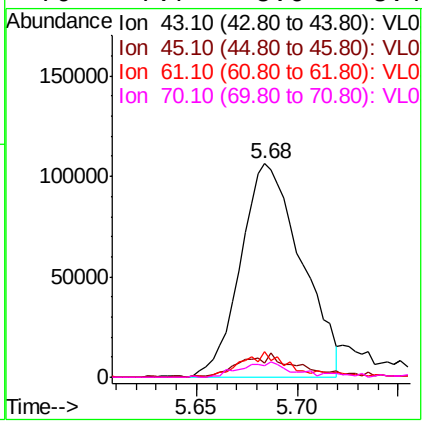


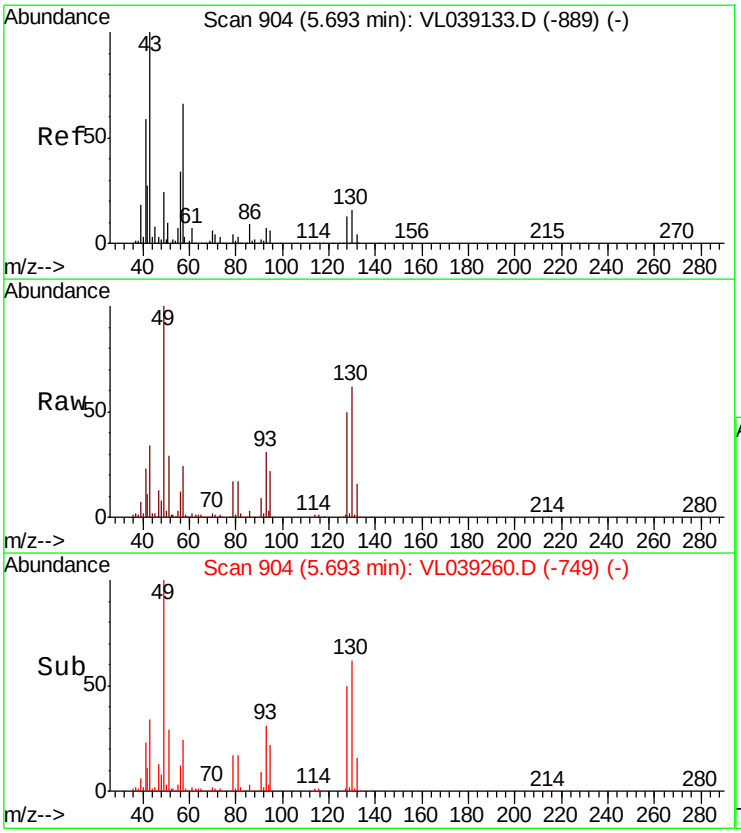
#25
Ethyl Acetate
Concen: 0.595 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 13 Jun 2022 20:35

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion: 43 Resp: 222505

Ion	Ratio	Lower	Upper
43	100		
45	12.0	8.2	12.2
61	10.4	8.4	12.6
70	7.7	5.6	8.4

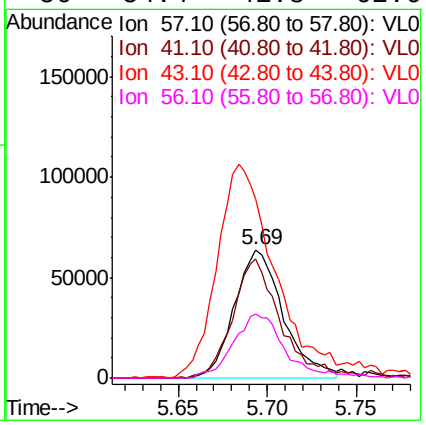


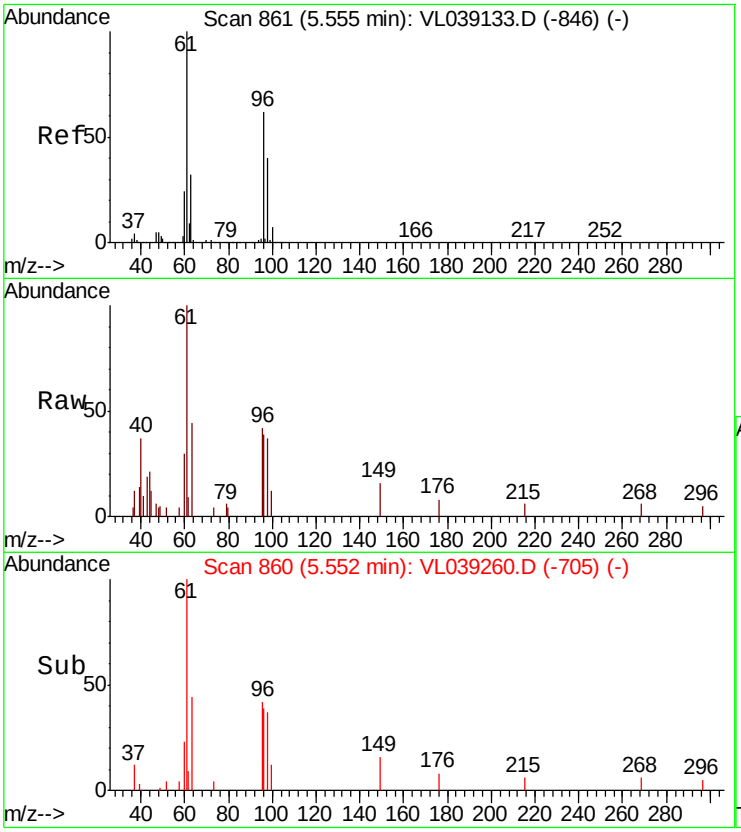


#26
Hexane
Concen: 0.741 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.00 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35

Tgt Ion: 57 Resp: 121948

Ion	Ratio	Lower	Upper
57	100		
41	94.4	72.4	108.6
43	204.3	187.0	280.6
56	54.4	41.8	62.6



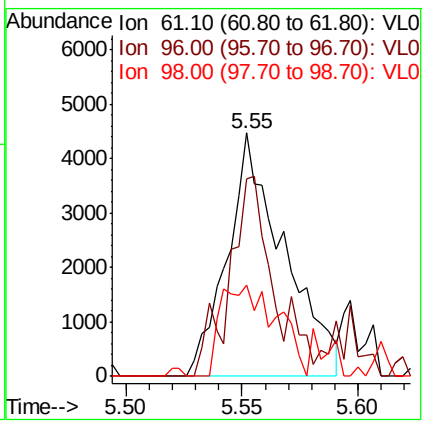


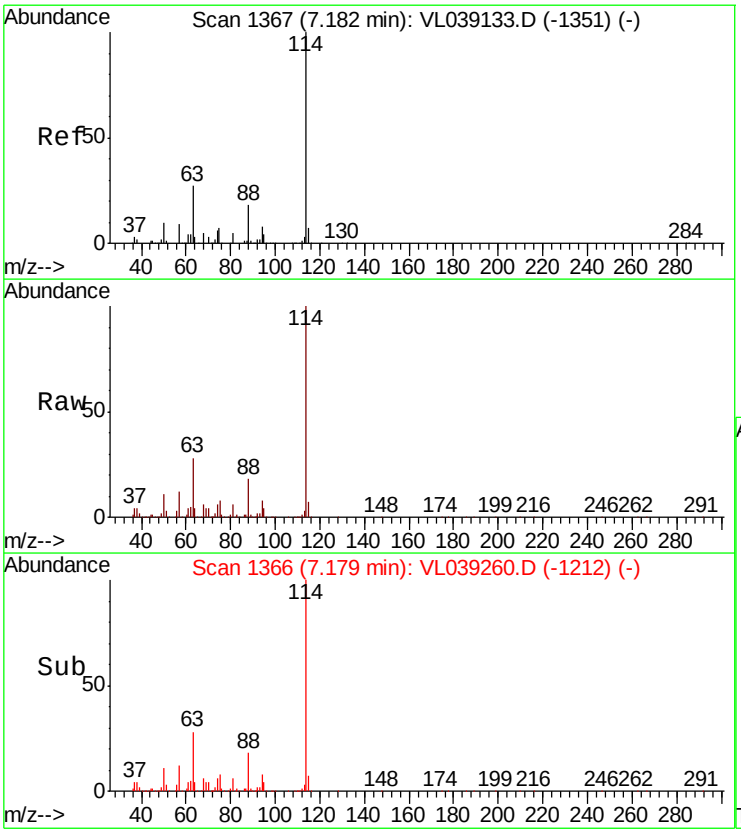
#31
cis-1,2-Dichloroethene
Concen: 0.045 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 13 Jun 2022 20:35

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion: 61 Resp: 7589

Ion	Ratio	Lower	Upper
61	100		
96	74.0	49.9	74.9
98	34.3	32.0	48.0

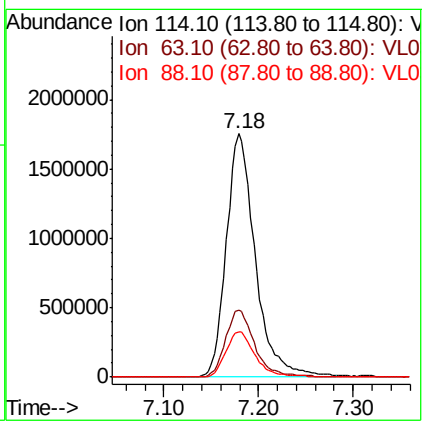


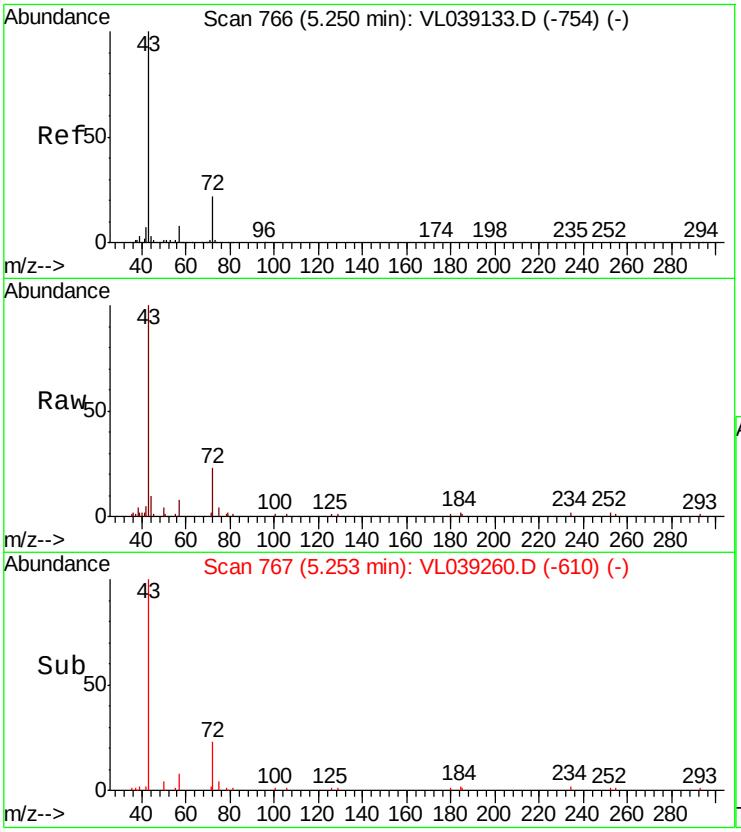


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.00 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35

Tgt Ion:114 Resp: 3746060

Ion	Ratio	Lower	Upper
114	100		
63	28.0	21.7	32.5
88	19.2	14.8	22.2



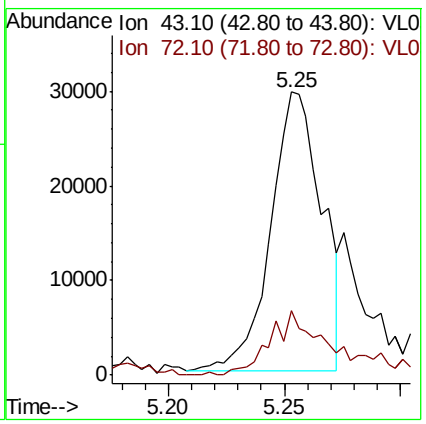


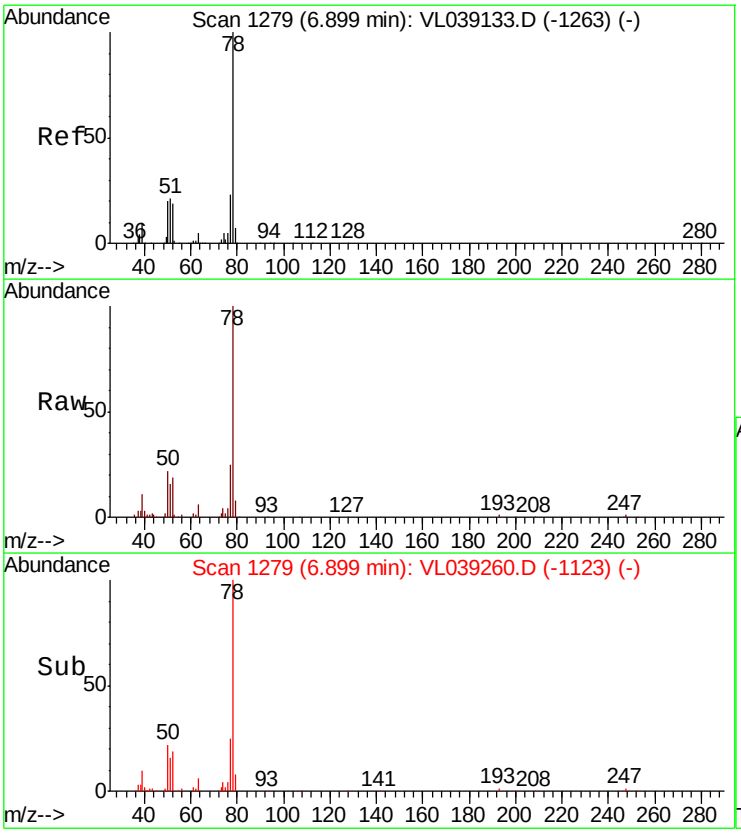
#34
2-Butanone
Concen: 0.222 ppbv
RT: 5.25
Delta R.T
Lab File:
Acq: 13 Jun 2022 20:35

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion: 43 Resp: 45175

Ion	Ratio	Lower	Upper
43	100		
72	30.8	18.2	27.2#

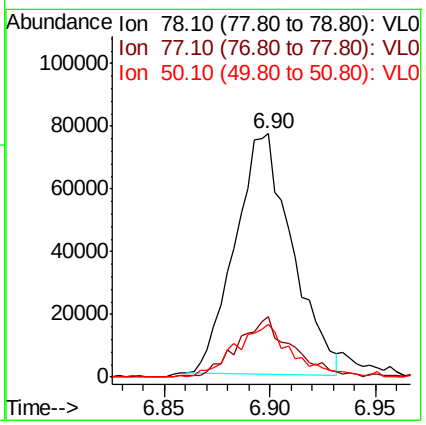


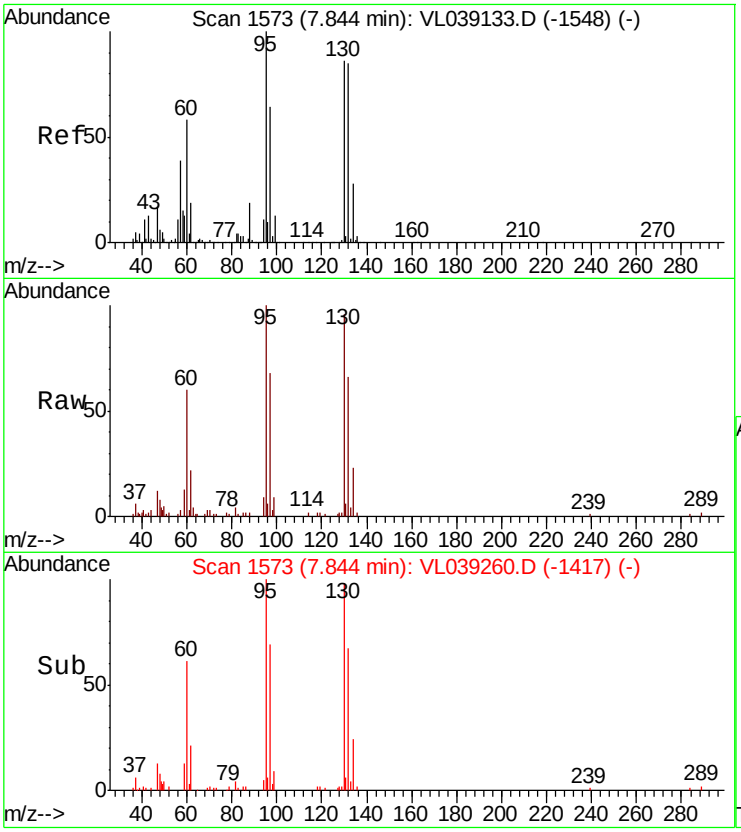


#36
Benzene
Concen: 0.472 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. -0.00 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35

Tgt Ion: 78 Resp: 143608

Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.6	27.8
50	22.2	15.8	23.8



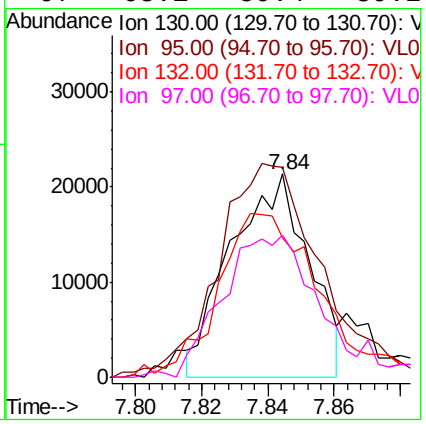


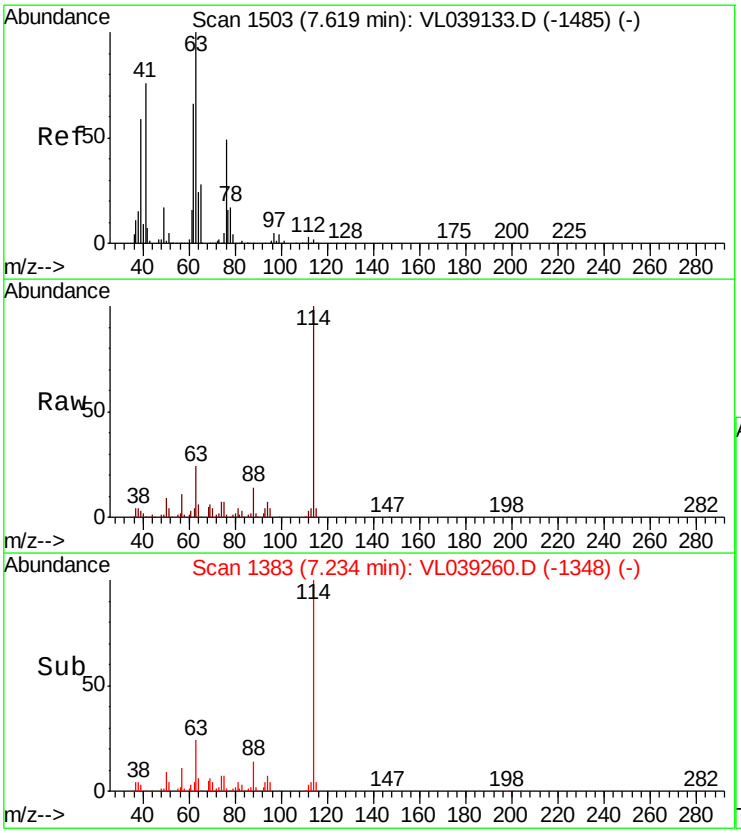
#38
Trichloroethene
Concen: 0.250 ppbv
RT: 7.84
Delta R.T
Lab File:
Acq: 13 Jun 2022 20:35

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion:130 Resp: 34923

Ion	Ratio	Lower	Upper
130	100		
95	97.7	93.3	139.9
132	57.3	79.0	118.4#
97	68.1	59.4	89.2

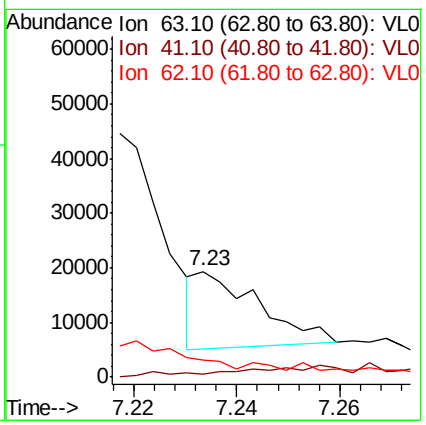


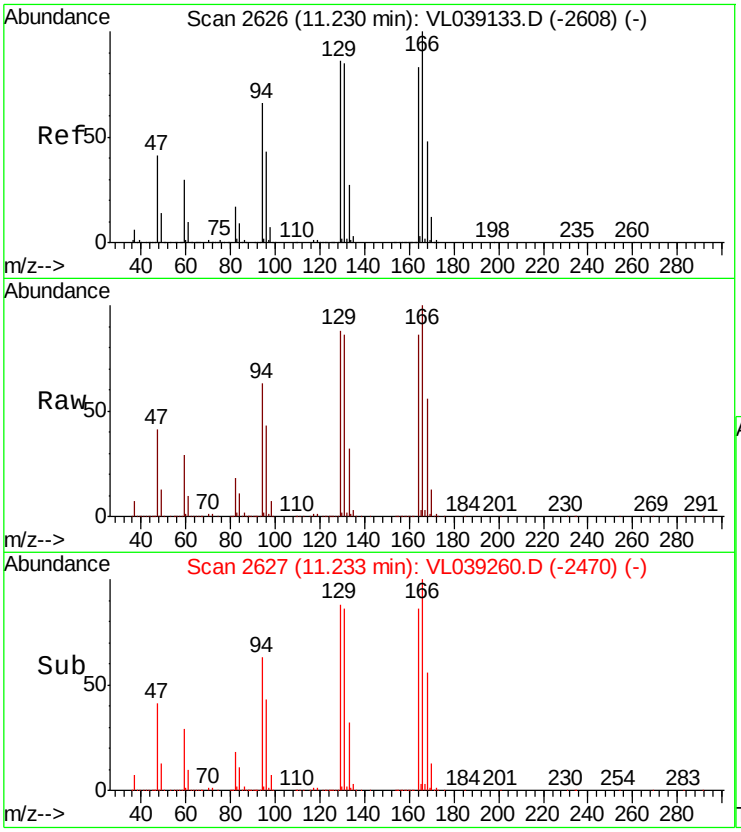


#39
1,2-Dichloropropane
Concen: 0.098 ppbv
RT: 7.23 min Scan# 1383
Delta R.T. -0.39 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35

Tgt Ion: 63 Resp: 11826

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	12.6	52.9	79.3#



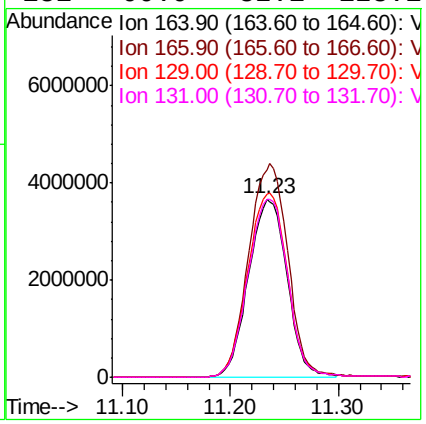


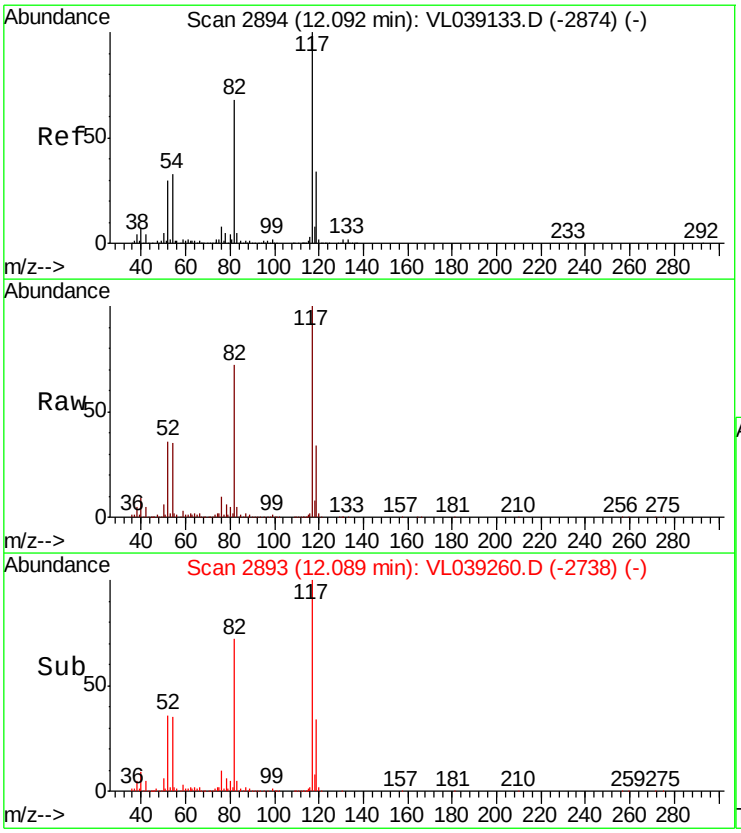
#52
Tetrachloroethene
Concen: 76.463 ppbv
RT: 11.23
Delta R.T
Lab File:
Acq: 13 Jun 2022 20:35

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion:164 Resp: 9079508

Ion	Ratio	Lower	Upper
164	100		
166	116.4	96.3	144.5
129	102.4	82.5	123.7
131	99.9	82.1	123.1

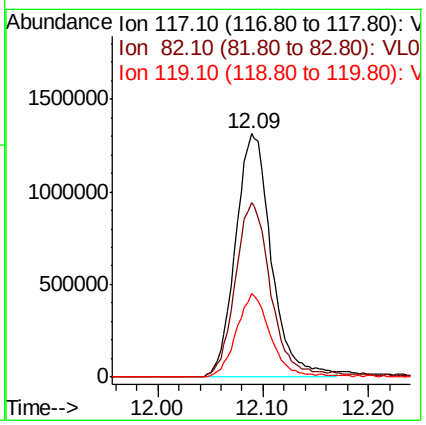


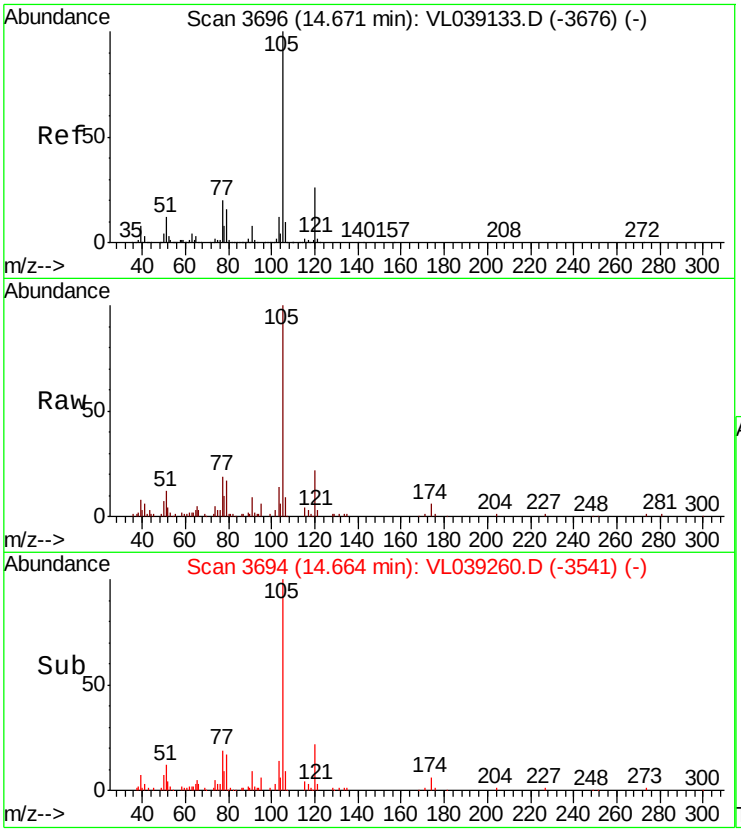


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35

Tgt Ion:117 Resp: 3103562

Ion	Ratio	Lower	Upper
117	100		
82	72.6	55.1	82.7
119	33.0	24.7	37.1



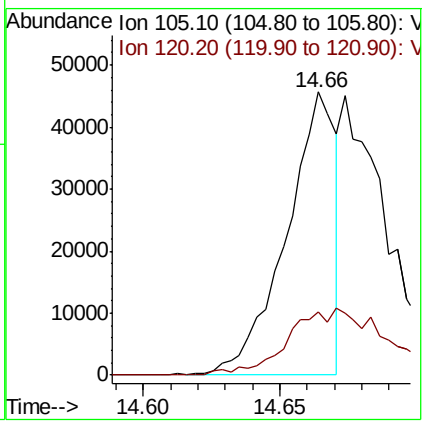


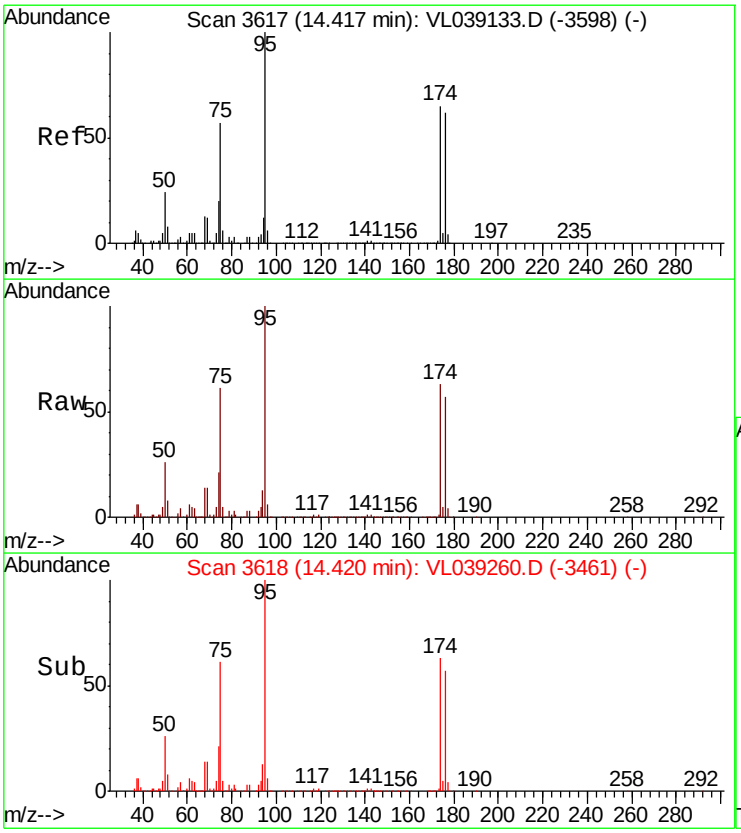
#62
Isopropylbenzene
Concen: 0.109 ppbv
RT: 14.66
Delta R.T
Lab File:
Acq: 13 Jun 2022 20:35

Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL

Tgt Ion:105 Resp: 57409

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.3	30.5#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.100 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. 0.00 min
Lab File: VL039260.D
Acq: 13 Jun 2022 20:35

Tgt Ion: 95 Resp: 2591428

Ion	Ratio	Lower	Upper
95	100		
174	63.0	53.8	80.8
175	4.6	4.1	6.1