Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112921\
Data File : VL038132.D
Acq On : 29 Nov 2021 13:03
Operator : SY/AP
Sample : M4805-11DL2 200X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-CURVY-BRIDEDL

Quant Time: Nov 30 05:15:41 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	982875	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2748352	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2327426	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	1817169	10.82	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.20%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.98	51	85168	0.413	ppbv #	60
13) Ethanol	3.63	45	12372	1.684	ppbv #	30
15) Acetone	3.89	43	47638	0.559	ppbv	94
20) Methylene Chloride	4.36	84	53416	1.119	ppbv	92
25) Ethyl Acetate	5.70	43	15250	0.054	ppbv #	77
26) Hexane	5.70	57	31772	0.233	ppbv #	40
39) 1,2-Dichloropropane	7.18	63	704846	6.702	ppbv #	27
52) Tetrachloroethene	11.23	164	798758	7.874	ppbv	99

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

Quantitation Report (Not Reviewed)

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MSVOA_L
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SG-CURVY-BRIDEDL

Quant Time: Nov 30 05:15:41 2021
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
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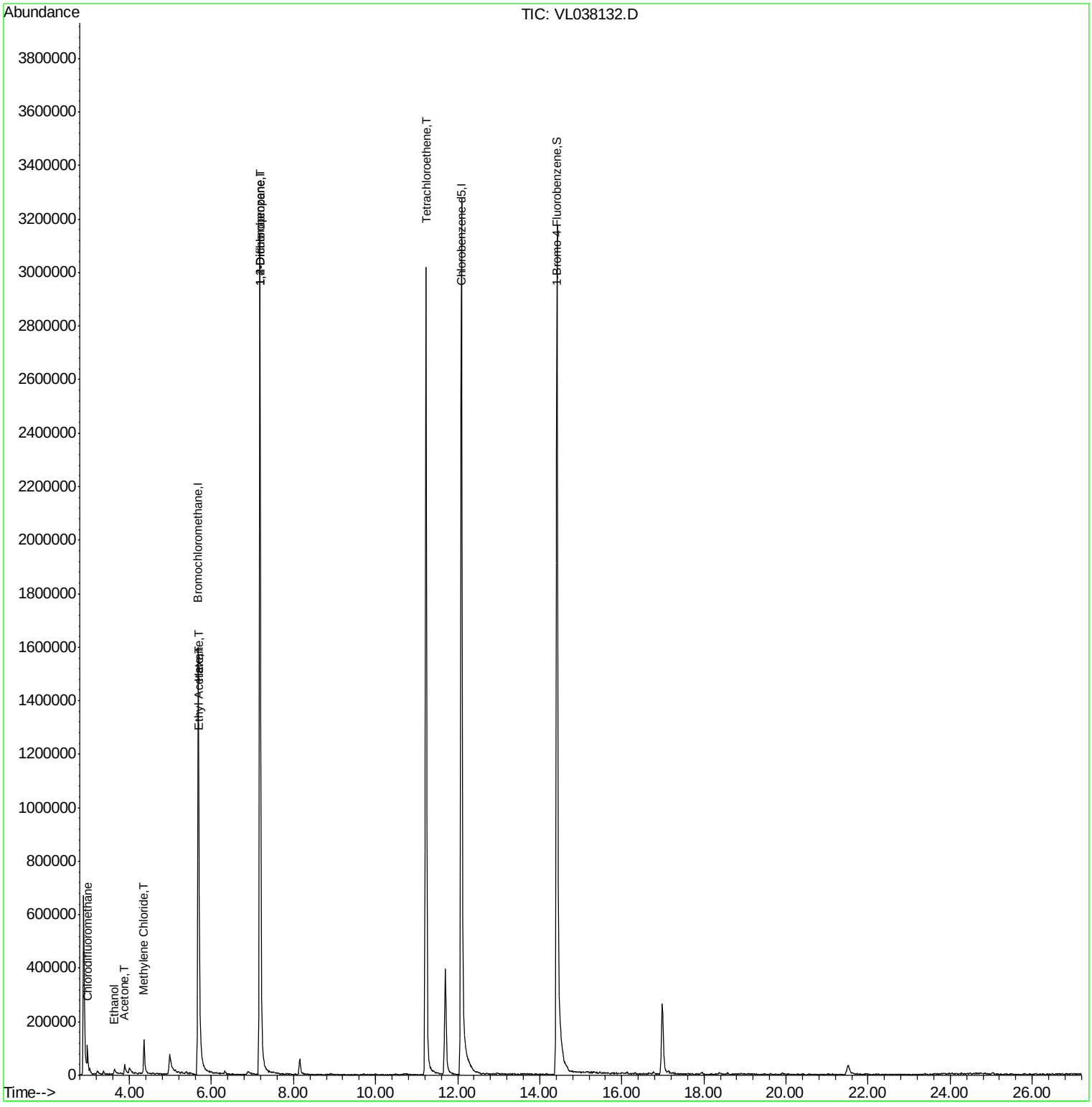
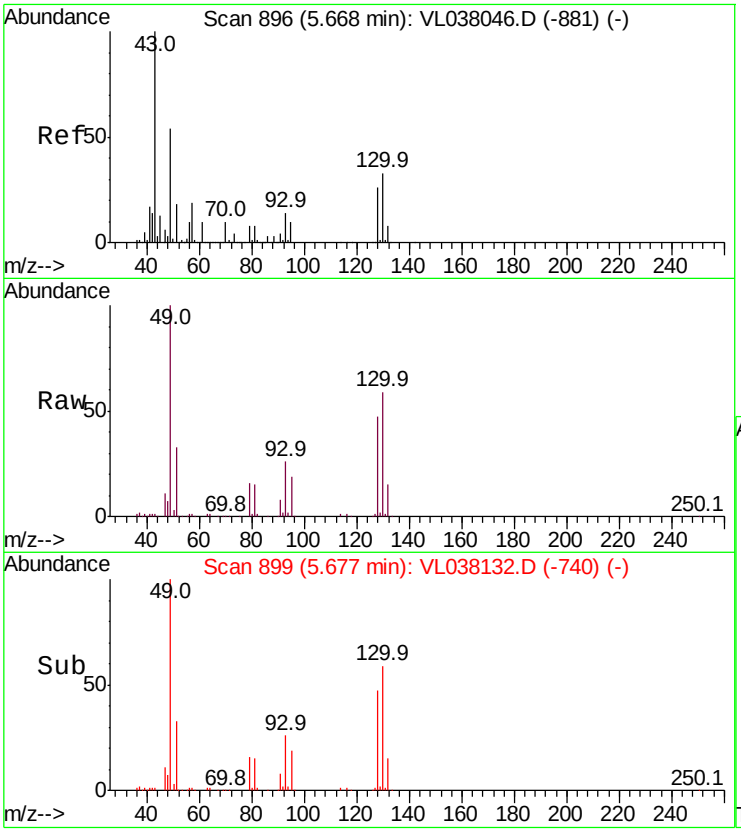


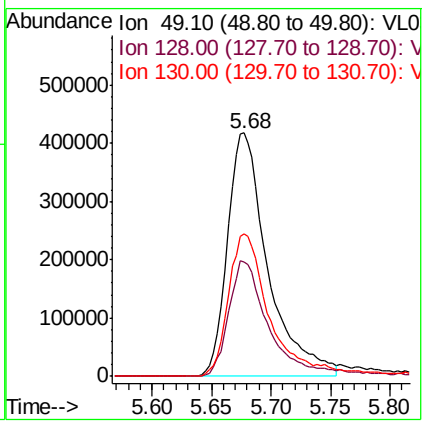


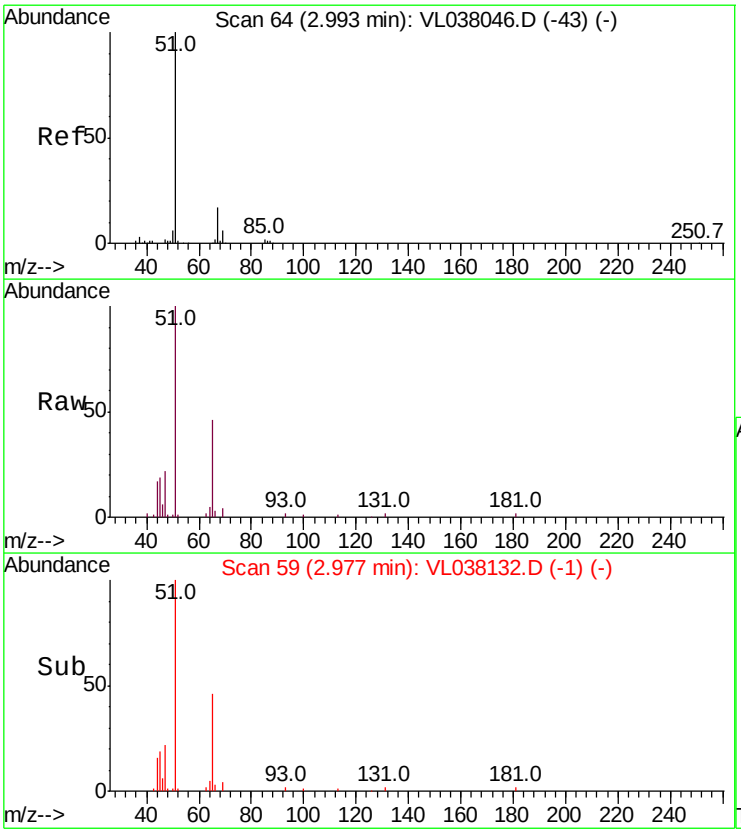
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 29 Nov 2021 13:03

Instrument :
MSVOA_L
ClientSampleId :
SG-CURVY-BRIDEDL

Tgt Ion: 49 Resp: 982875

Ion	Ratio	Lower	Upper
49	100		
128	48.2	26.5	79.5
130	60.4	32.5	97.4

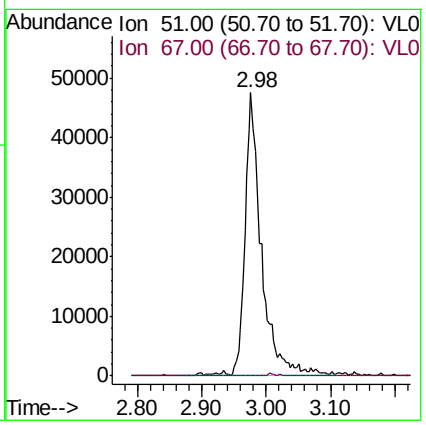


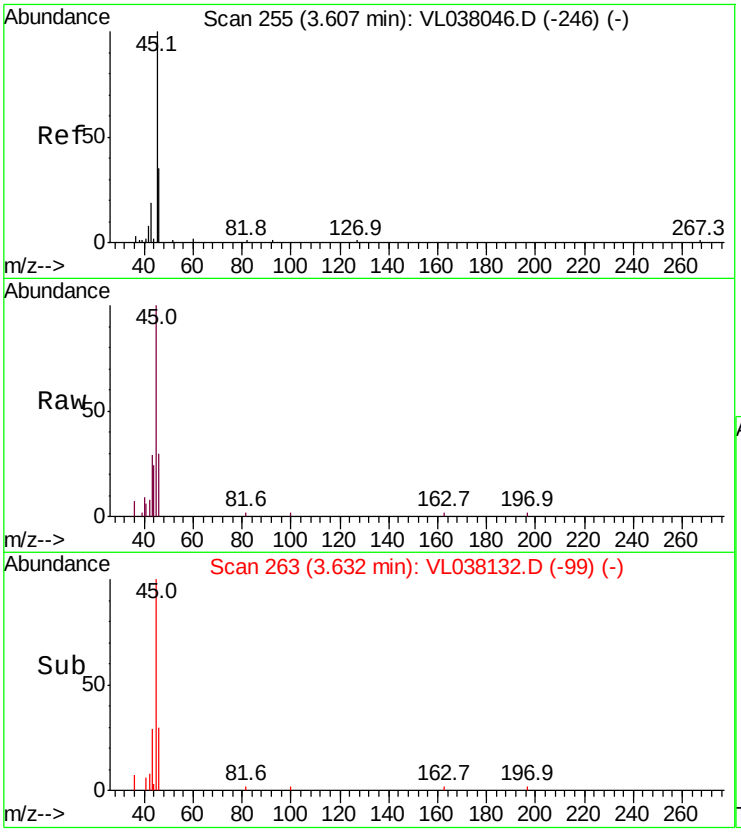


#3
Chlorodifluoromethane
Concen: 0.413 ppbv
RT: 2.98 min Scan# 59
Delta R.T. -0.02 min
Lab File: VL038132.D
Acq: 29 Nov 2021 13:03

Tgt Ion: 51 Resp: 85168

Ion	Ratio	Lower	Upper
51	100		
67	0.0	13.8	20.8#



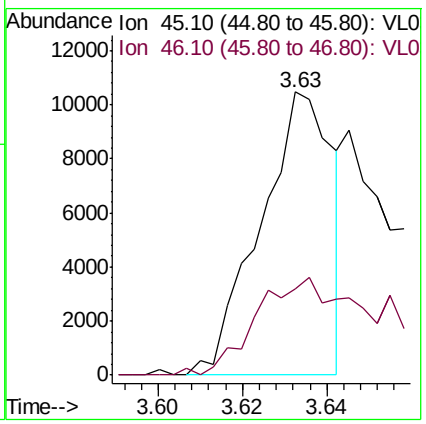


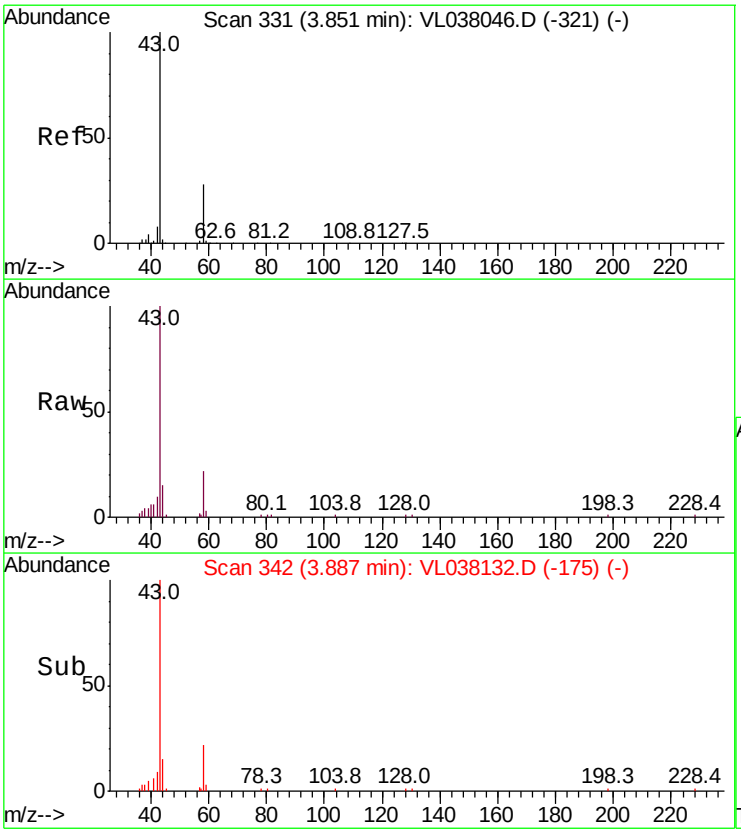
#13
Ethanol
Concen: 1.684 ppbv
RT: 3.63
Delta R.T
Lab File:
Acq: 29 Nov 2021 13:03

Instrument :
MSVOA_L
ClientSampleId :
SG-CURVY-BRIDEDL

Tgt Ion: 45 Resp: 12372

Ion	Ratio	Lower	Upper
45	100		
46	89.1	17.6	70.2#

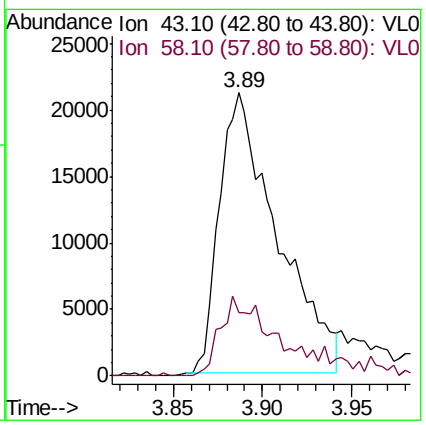


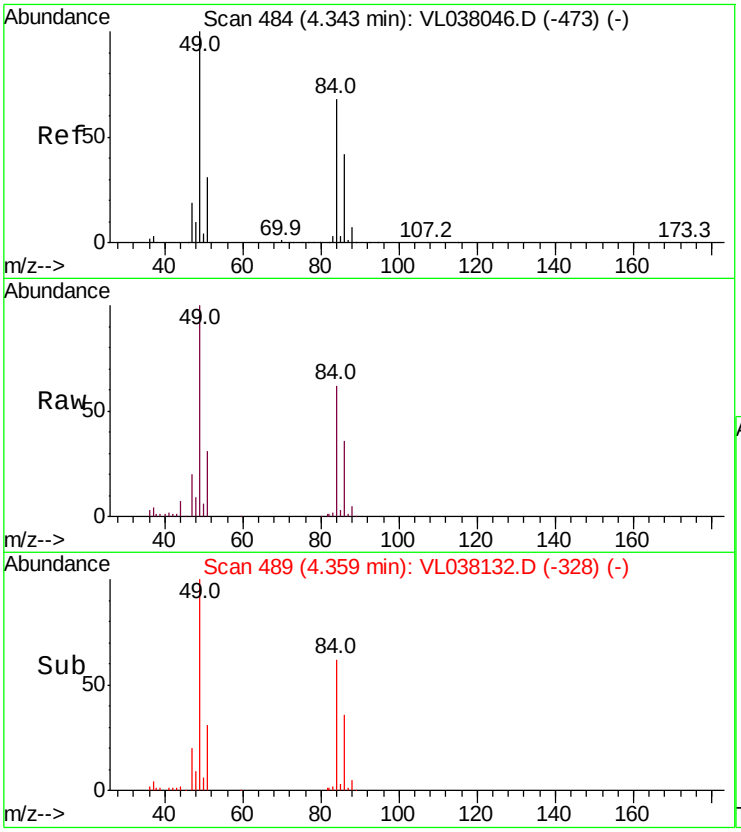


#15
Acetone
Concen: 0.559 ppbv
RT: 3.89 min Scan# 342
Delta R.T. 0.04 min
Lab File: VL038132.D
Acq: 29 Nov 2021 13:03

Tgt Ion: 43 Resp: 47638

Ion	Ratio	Lower	Upper
43	100		
58	31.3	22.4	33.6



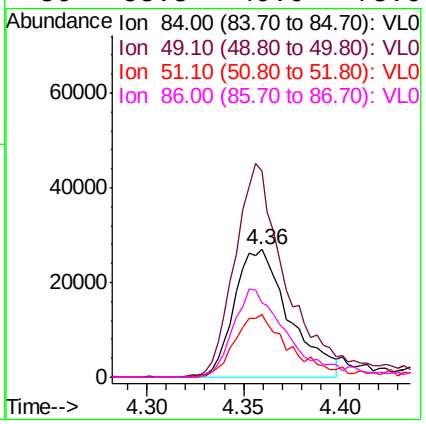


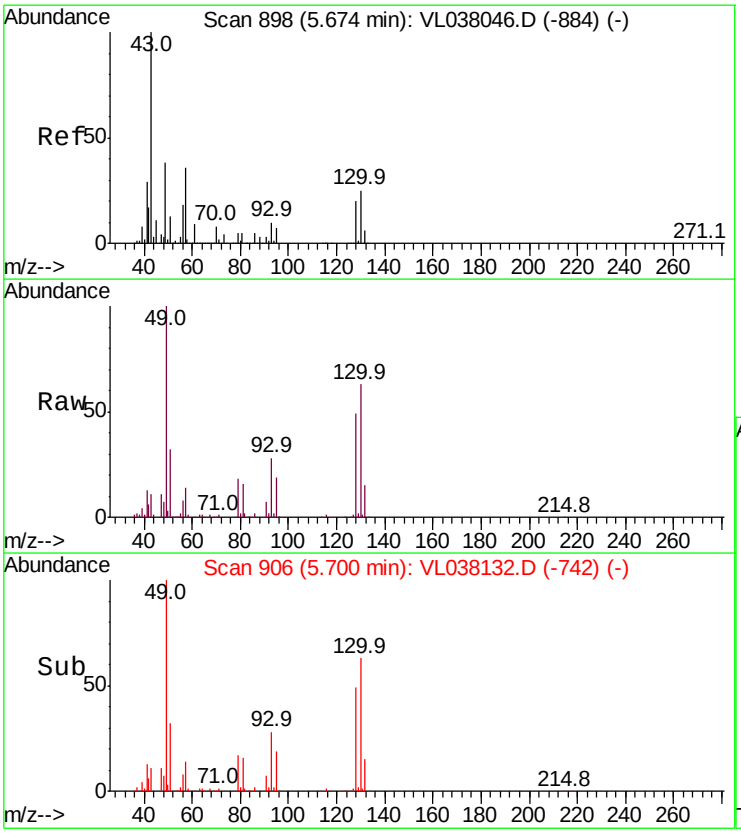
#20
Methylene Chloride
Concen: 1.119 ppbv
RT: 4.36
Delta R.T
Lab File:
Acq: 29 Nov 2021 13:03

Instrument :
MSVOA_L
ClientSampleId :
SG-CURVY-BRIDEDL

Tgt Ion: 84 Resp: 53416

Ion	Ratio	Lower	Upper
84	100		
49	160.6	118.2	177.2
51	49.6	36.8	55.2
86	58.3	49.0	73.6

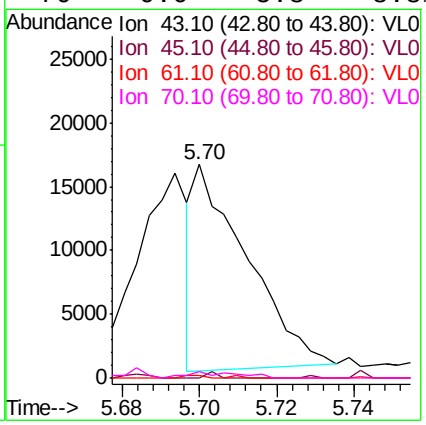


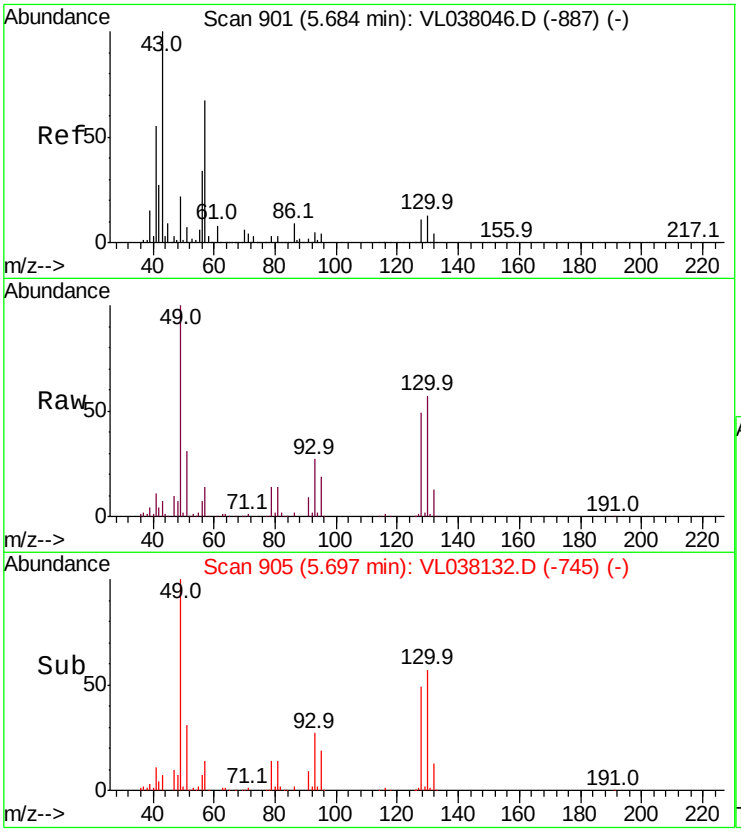


#25
Ethyl Acetate
Concen: 0.054 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.03 min
Lab File: VL038132.D
Acq: 29 Nov 2021 13:03

Tgt Ion: 43 Resp: 15250

Ion	Ratio	Lower	Upper
43	100		
45	1.8	7.9	11.9#
61	0.0	7.8	11.6#
70	0.0	5.8	8.8#



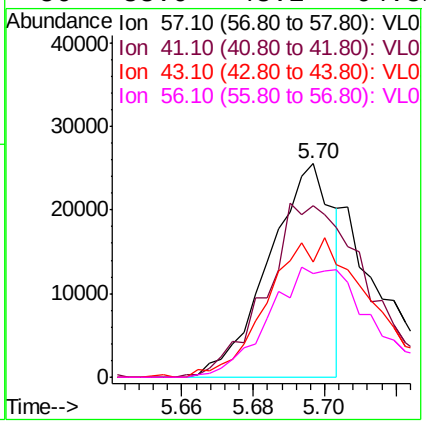


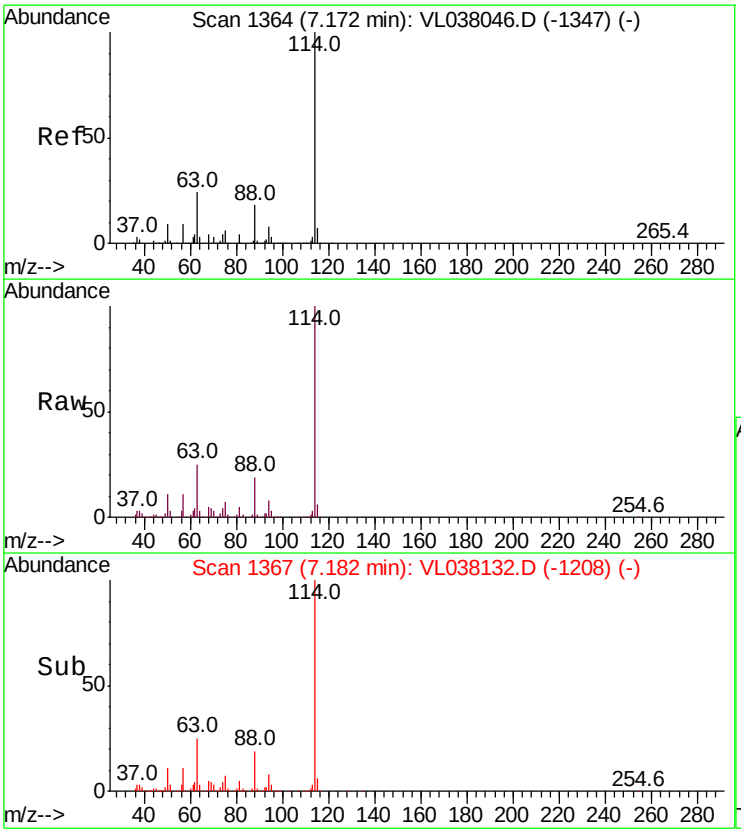
#26
Hexane
Concen: 0.233 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 29 Nov 2021 13:03

Instrument :
MSVOA_L
ClientSampleId :
SG-CURVY-BRIDEDL

Tgt Ion: 57 Resp: 31772

Ion	Ratio	Lower	Upper
57	100		
41	139.8	71.4	107.2#
43	112.1	174.6	261.8#
56	88.0	43.2	64.8#

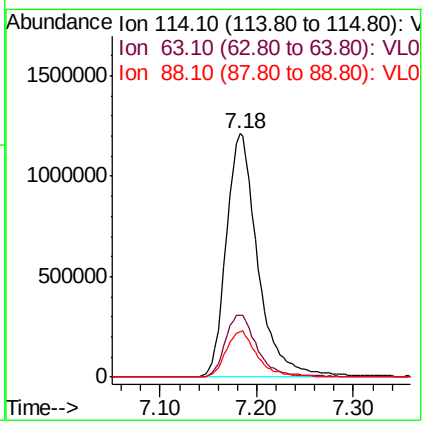


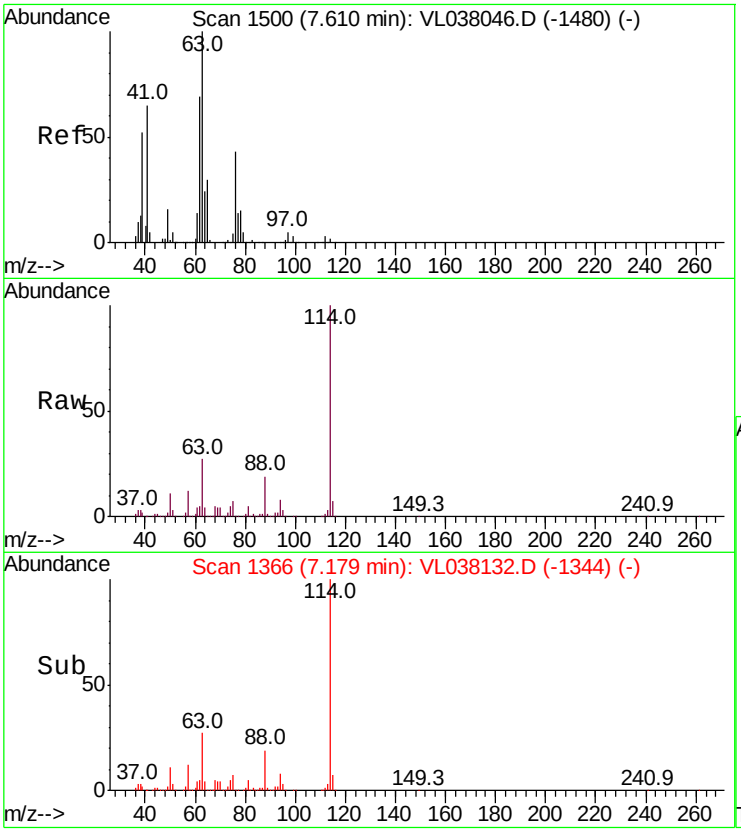


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VL038132.D
Acq: 29 Nov 2021 13:03

Tgt Ion:114 Resp: 2748352

Ion	Ratio	Lower	Upper
114	100		
63	26.6	19.7	29.5
88	18.9	14.4	21.6



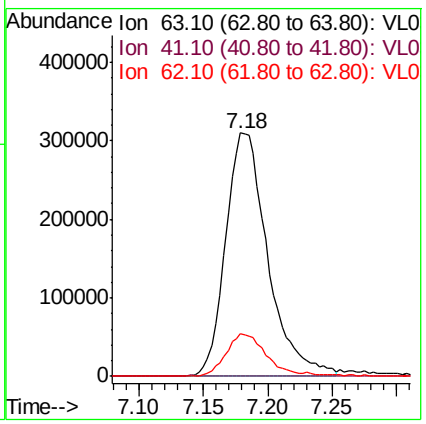


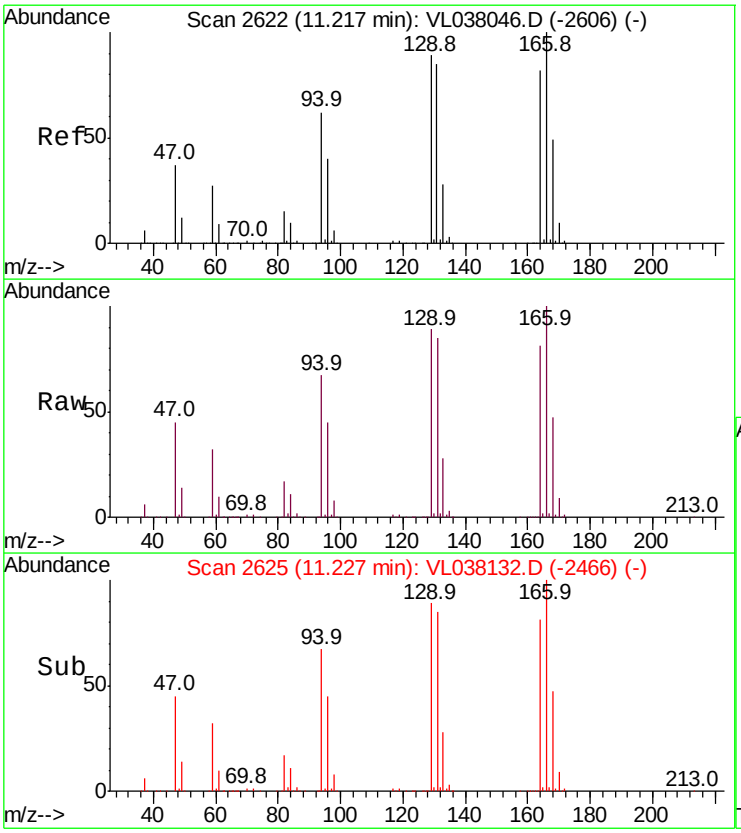
#39
1,2-Dichloropropane
Concen: 6.702 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 29 Nov 2021 13:03

Instrument :
MSVOA_L
ClientSampleId :
SG-CURVY-BRIDEDL

Tgt Ion: 63 Resp: 704846

Ion	Ratio	Lower	Upper
63	100		
41	0.1	52.3	78.5#
62	17.6	55.1	82.7#

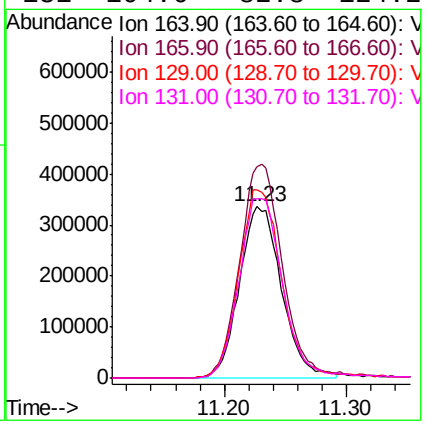


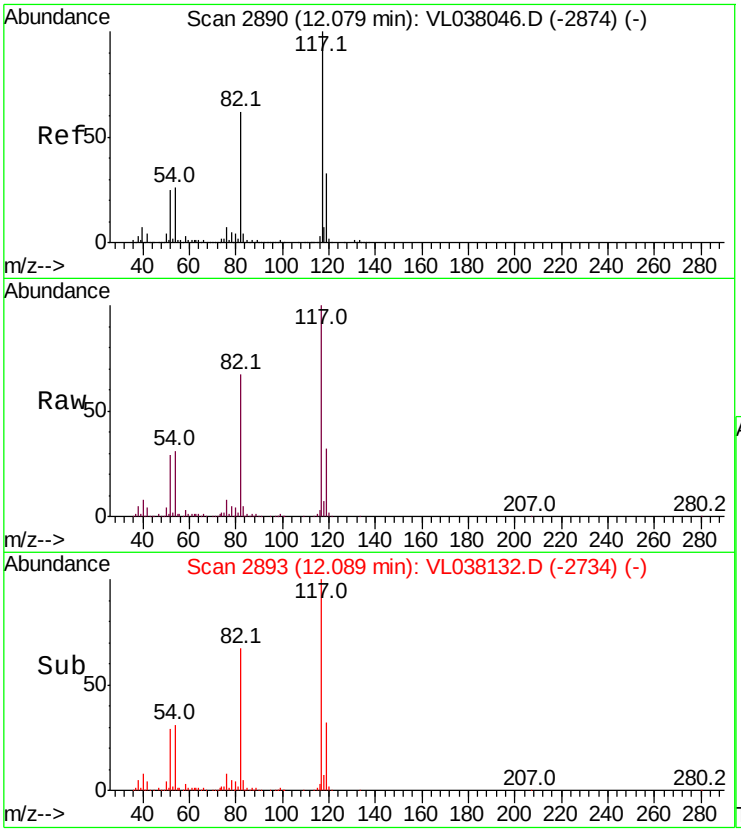


#52
Tetrachloroethene
Concen: 7.874 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. 0.01 min
Lab File: VL038132.D
Acq: 29 Nov 2021 13:03

Tgt Ion:164 Resp: 798758

Ion	Ratio	Lower	Upper
164	100		
166	123.3	97.2	145.8
129	110.2	86.9	130.3
131	104.6	82.8	124.2



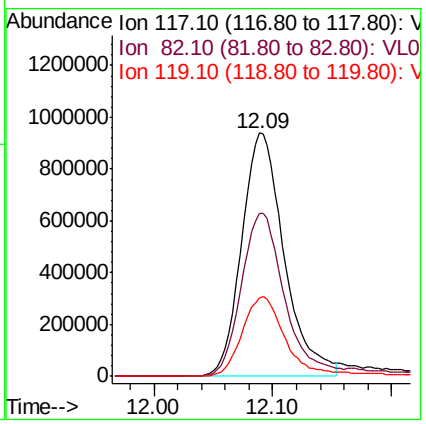


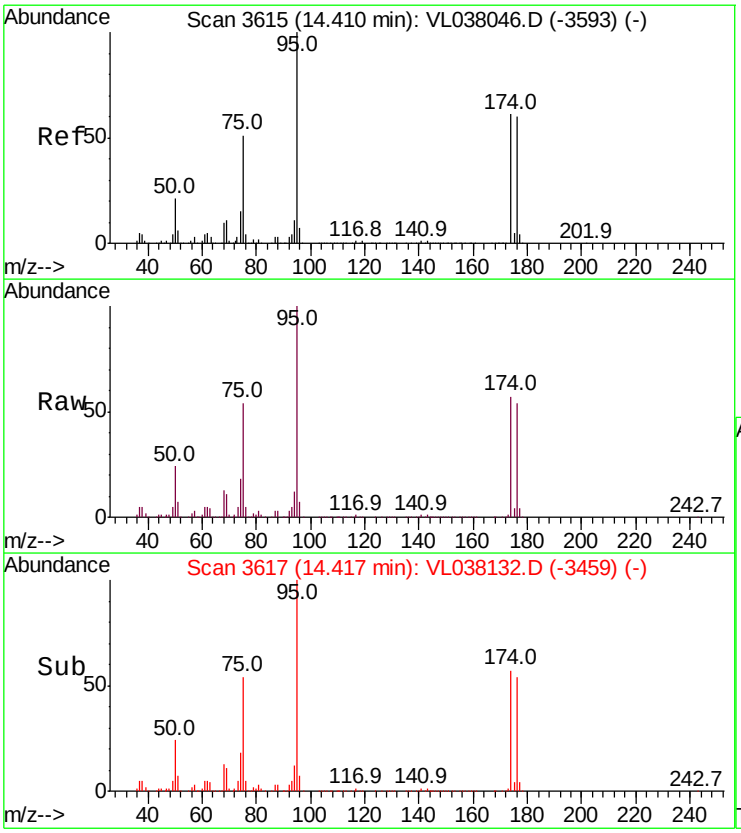
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 29 Nov 2021 13:03

Instrument :
MSVOA_L
ClientSampleId :
SG-CURVY-BRIDEDL

Tgt Ion:117 Resp: 2327426

Ion	Ratio	Lower	Upper
117	100		
82	73.8	52.8	79.2
119	34.5	26.8	40.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.824 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. 0.01 min
Lab File: VL038132.D
Acq: 29 Nov 2021 13:03

Tgt Ion: 95 Resp: 1817169

Ion	Ratio	Lower	Upper
95	100		
174	64.9	53.1	79.7
175	4.6	4.0	6.0