Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032489.D
Acq On : 10 Sep 2018 22:02
Operator : SY/AP
Sample : J4820-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 241-BERRYDL

Quant Time: Sep 11 01:11:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.80	49	1521253	10.00	ppbv		-0.01
33) 1,4-Difluorobenzene	7.33	114	3548832	10.00	ppbv		-0.01
55) Chlorobenzene-d5	12.28	117	3354497	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.62	95	2580616	10.36	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.10	85	10525	0.054	ppbv		93
3) Chlorodifluoromethane	3.04	51	7864	0.057	ppbv		94
4) Chloromethane	3.20	50	4959	0.059	ppbv	#	71
9) Propene	3.07	41	5789	0.104	ppbv		92
13) Ethanol	3.70	45	9928	0.573	ppbv		90
15) Acetone	3.95	43	125364	0.915	ppbv		97
17) tert-Butyl alcohol	4.41	59	1050	0.050	ppbv	#	100
20) Methylene Chloride	4.44	84	20898	0.400	ppbv		99
26) Hexane	5.82	57	5018	0.035	ppbv	#	4
30) Cyclohexane	7.32	84	10908	0.103	ppbv	#	1
39) 1,2-Dichloropropane	7.33	63	966818	7.482	ppbv	#	25

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

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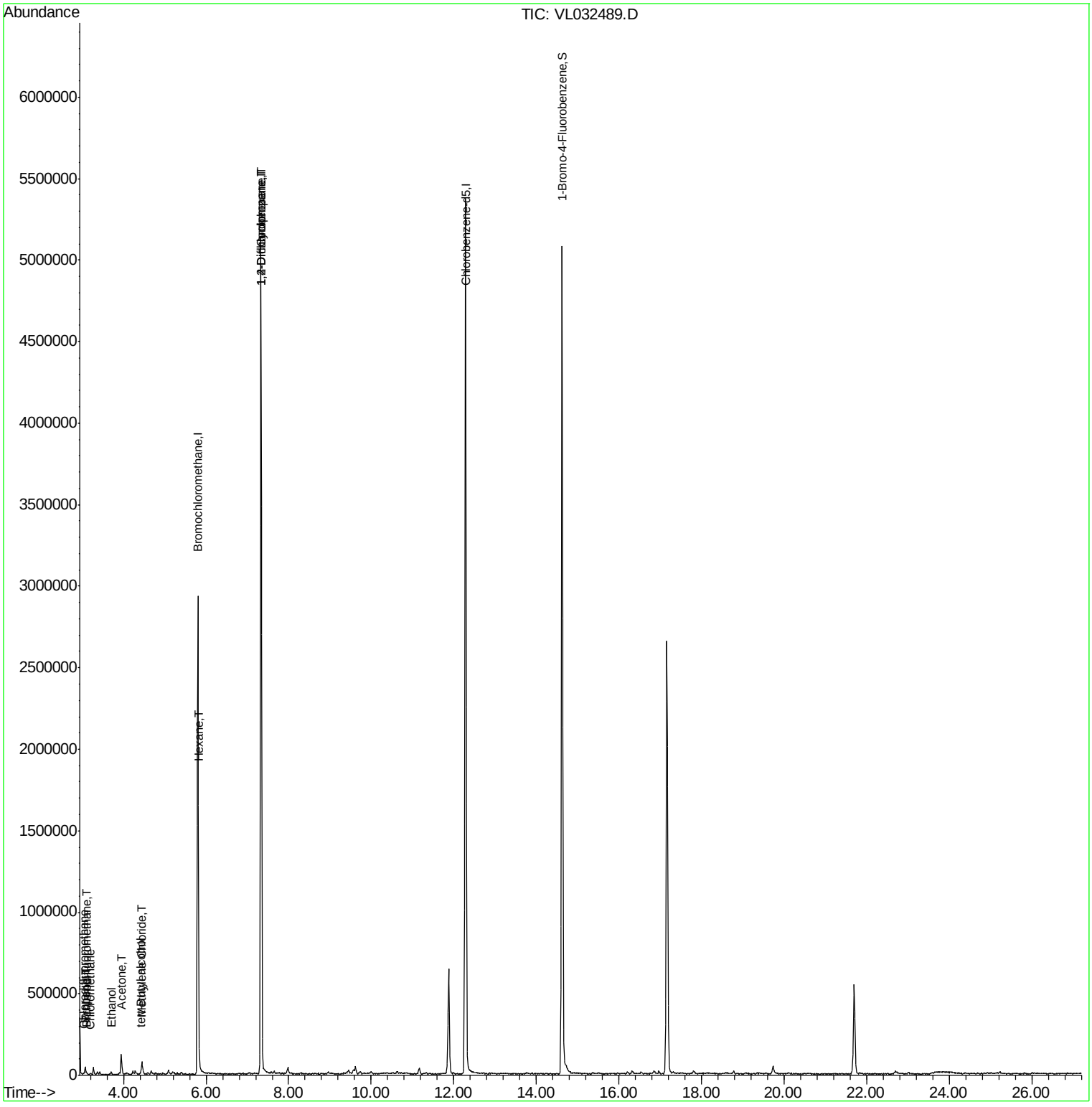
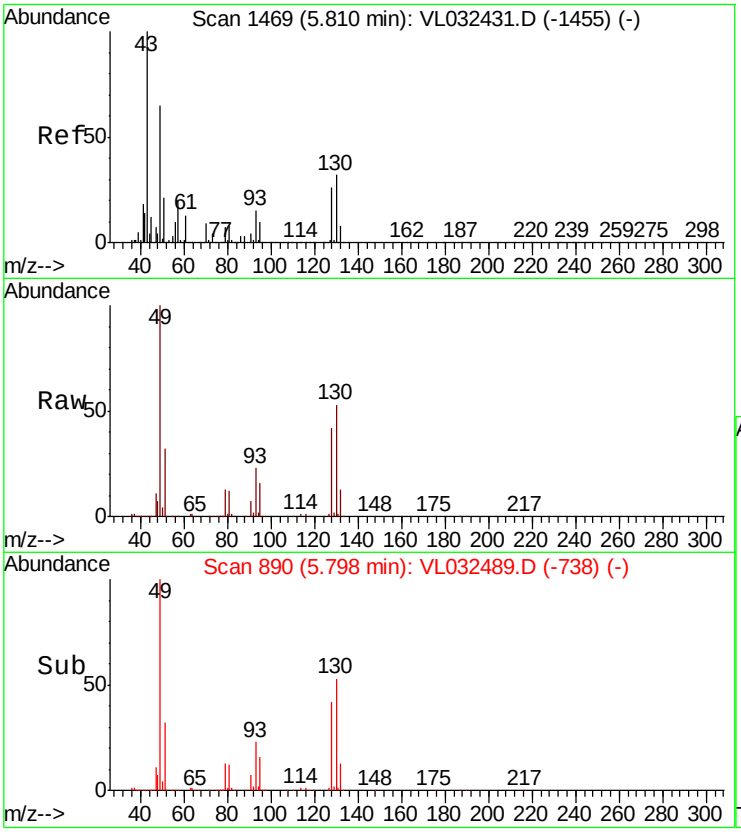


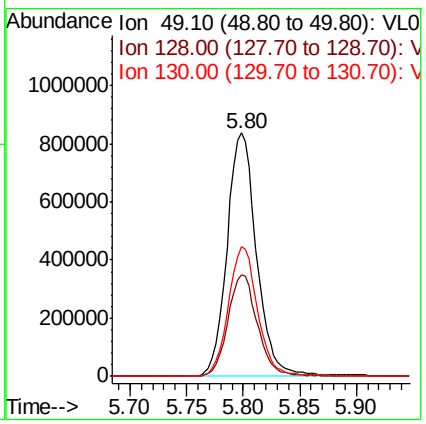


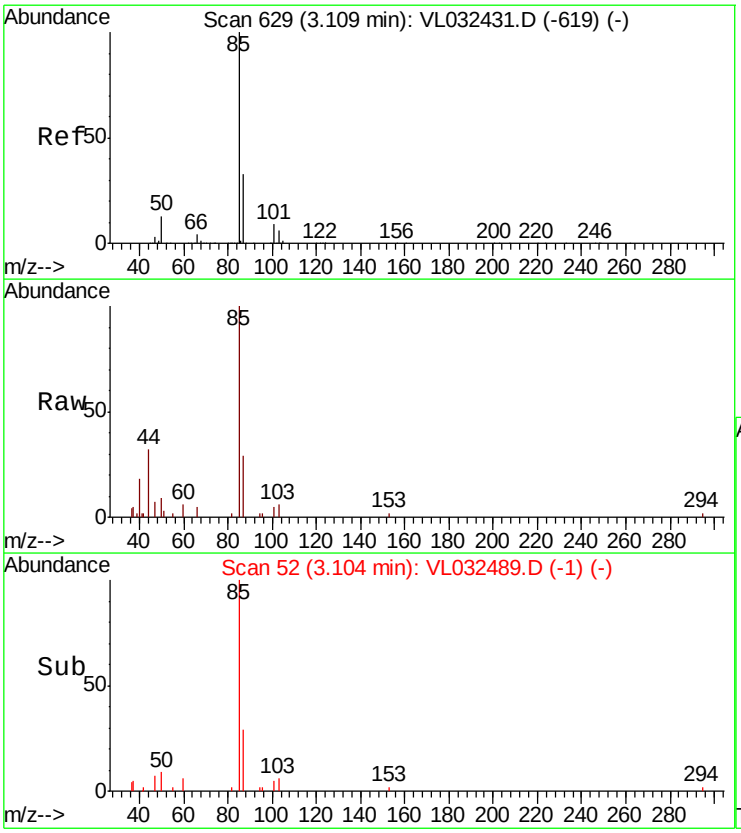
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.80 min Scan# 890
Delta R.T. -0.01 min
Lab File: VL032489.D
Acq: 10 Sep 2018 22:02

Instrument :
MSVOA_L
ClientSampleId :
241-BERRYDL

Tgt Ion: 49 Resp: 1521253

Ion	Ratio	Lower	Upper
49	100		
128	42.6	20.7	62.1
130	53.5	26.6	79.7

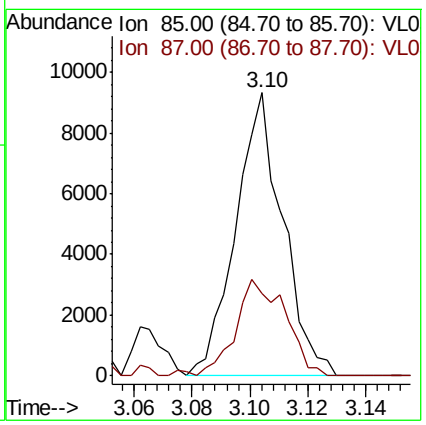


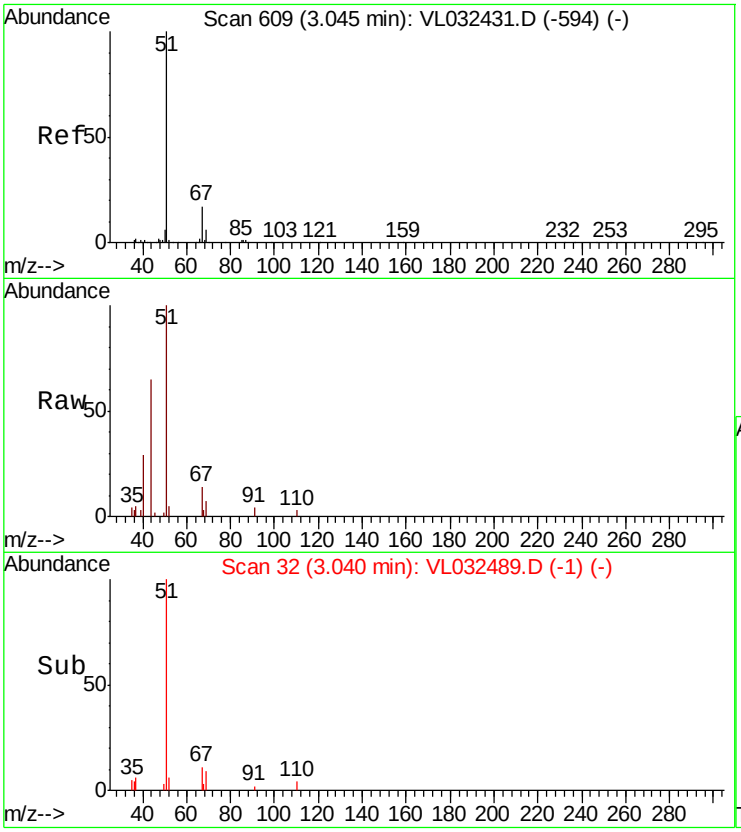


#2
Dichlorodifluoromethane
Concen: 0.054 ppbv
RT: 3.10 min Scan# 52
Delta R.T. -0.01 min
Lab File: VL032489.D
Acq: 10 Sep 2018 22:02

Tgt Ion: 85 Resp: 10525

Ion	Ratio	Lower	Upper
85	100		
87	29.0	26.2	39.4



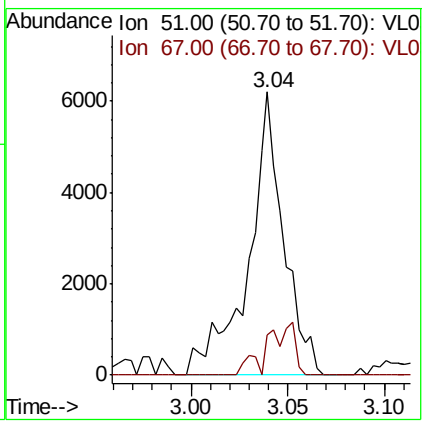


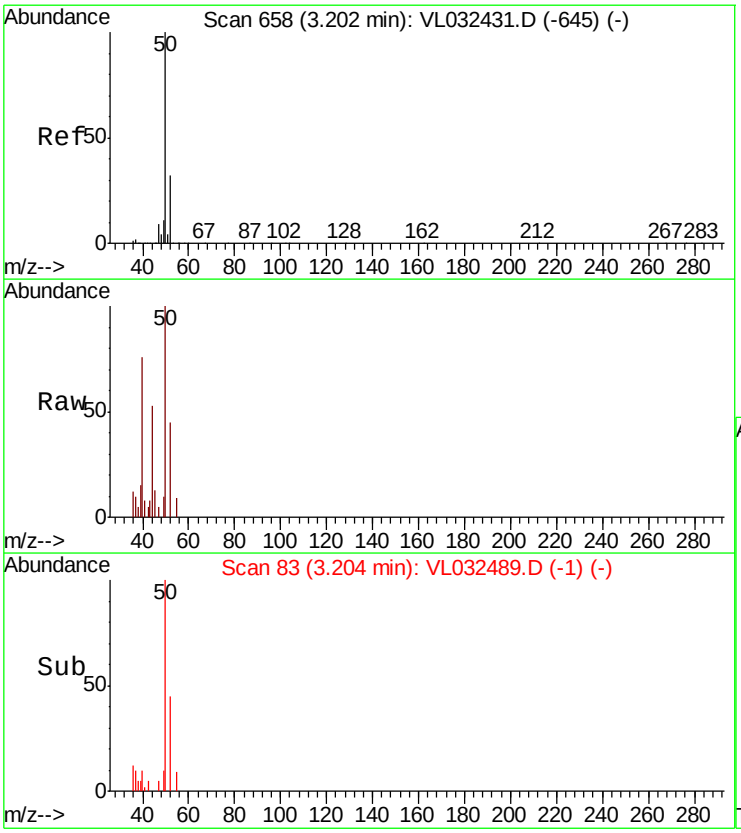
#3
Chlorodifluoromethane
Concen: 0.057 ppbv
RT: 3.04 min Scan# 32
Delta R.T. -0.01 min
Lab File: VL032489.D
Acq: 10 Sep 2018 22:02

Instrument :
MSVOA_L
ClientSampleId :
241-BERRYDL

Tgt Ion: 51 Resp: 7864

Ion	Ratio	Lower	Upper
51	100		
67	14.6	13.8	20.8

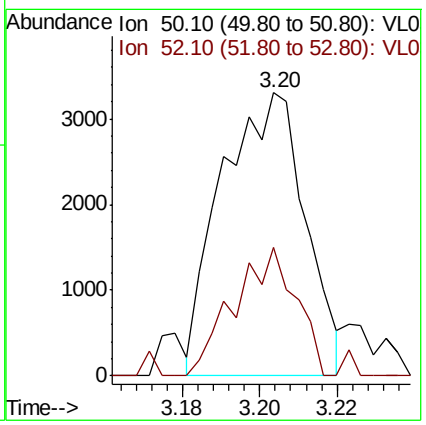


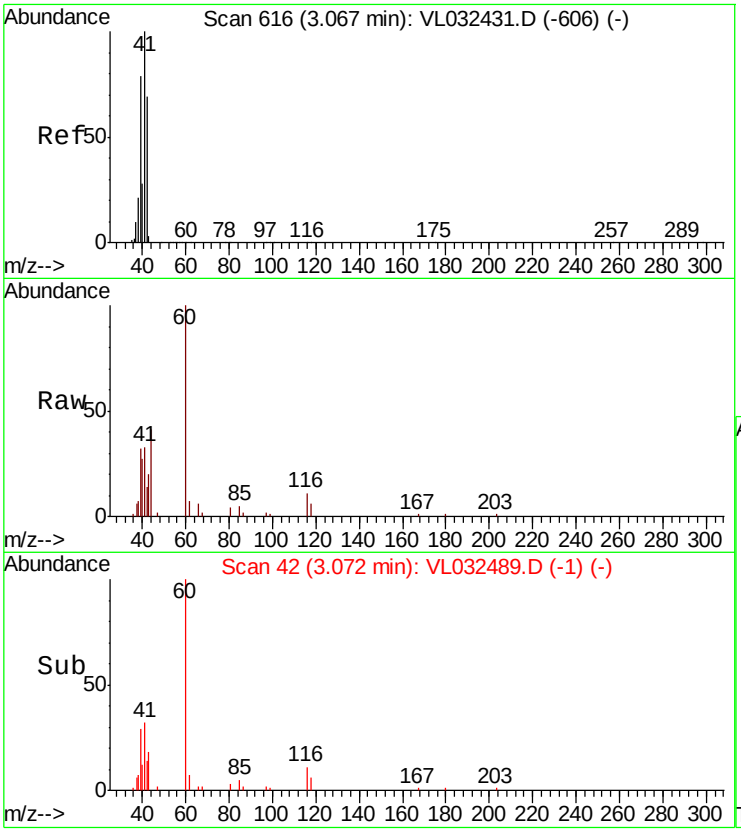


#4
Chloromethane
Concen: 0.059 ppbv
RT: 3.20 min Scan# 83
Delta R.T. 0.00 min
Lab File: VL032489.D
Acq: 10 Sep 2018 22:02

Tgt Ion: 50 Resp: 4959

Ion	Ratio	Lower	Upper
50	100		
52	48.3	25.6	38.4#



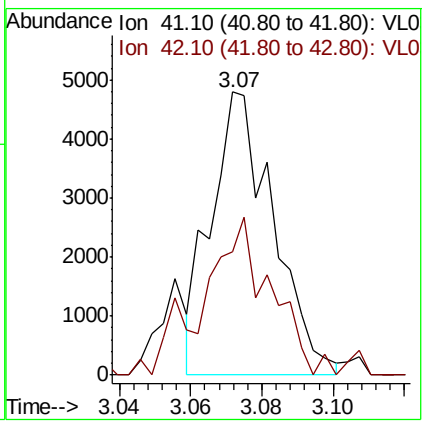


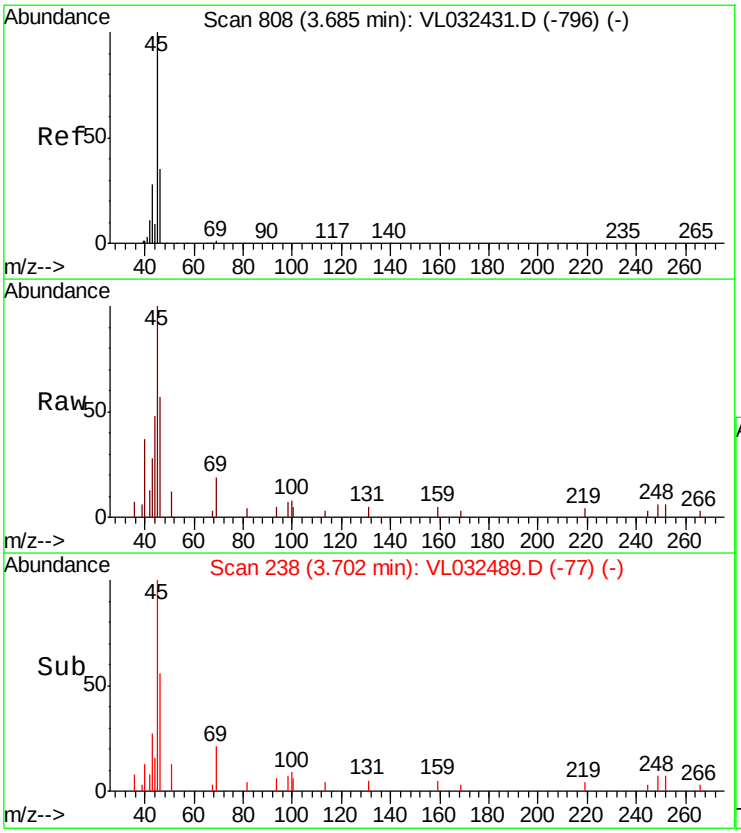
#9
Propene
Concen: 0.104 ppbv
RT: 3.07 min Scan# 42
Delta R.T. 0.00 min
Lab File: VL032489.D
Acq: 10 Sep 2018 22:02

Instrument :
MSVOA_L
ClientSampleId :
241-BERRYDL

Tgt Ion: 41 Resp: 5789

Ion	Ratio	Lower	Upper
41	100		
42	64.1	56.6	84.8

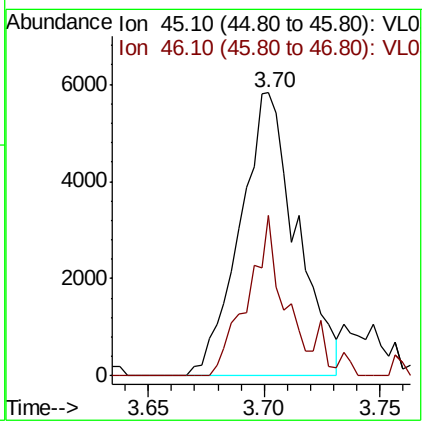


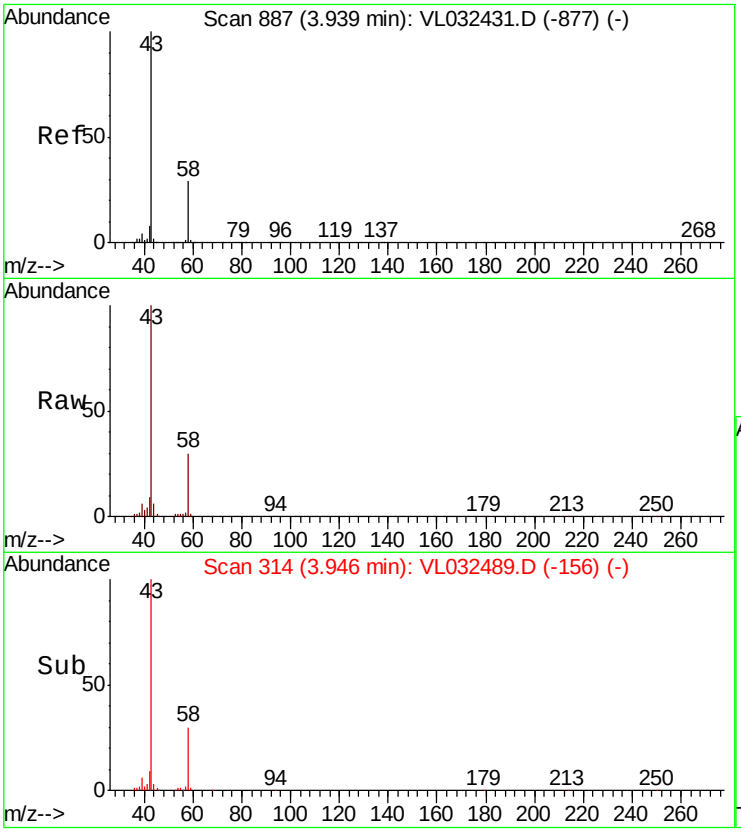


#13
Ethanol
Concen: 0.573 ppbv
RT: 3.70 min Scan# 238
Delta R.T. 0.02 min
Lab File: VL032489.D
Acq: 10 Sep 2018 22:02

Tgt Ion: 45 Resp: 9928

Ion	Ratio	Lower	Upper
45	100		
46	41.1	14.2	56.8



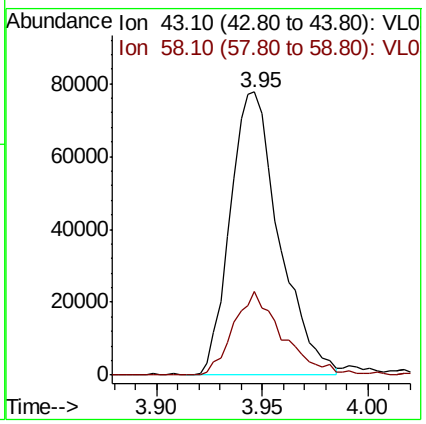


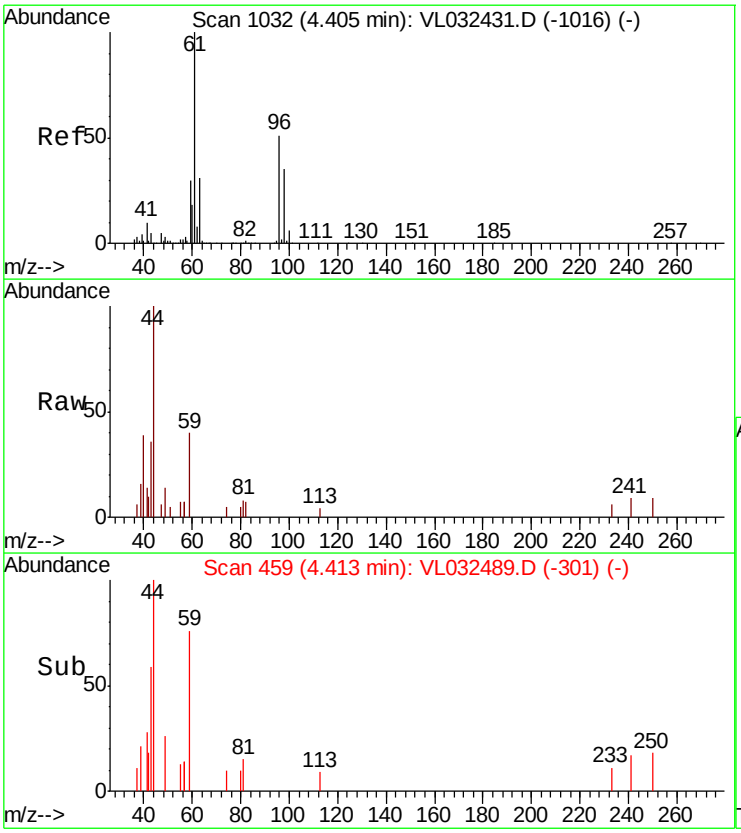
#15
Acetone
Concen: 0.915 ppbv
RT: 3.95 min Scan# 314
Delta R.T. 0.01 min
Lab File: VL032489.D
Acq: 10 Sep 2018 22:02

Instrument : MSVOA_L
ClientSampleId : 241-BERRYDL

Tgt Ion: 43 Resp: 125364

Ion	Ratio	Lower	Upper
43	100		
58	29.7	22.6	33.8

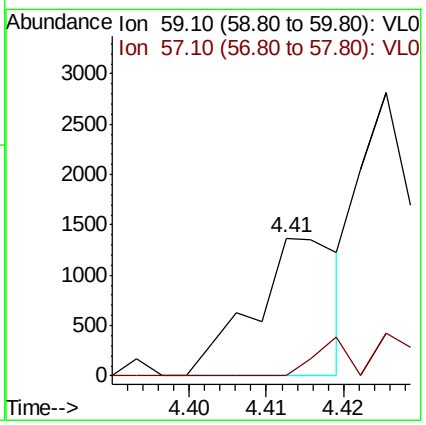


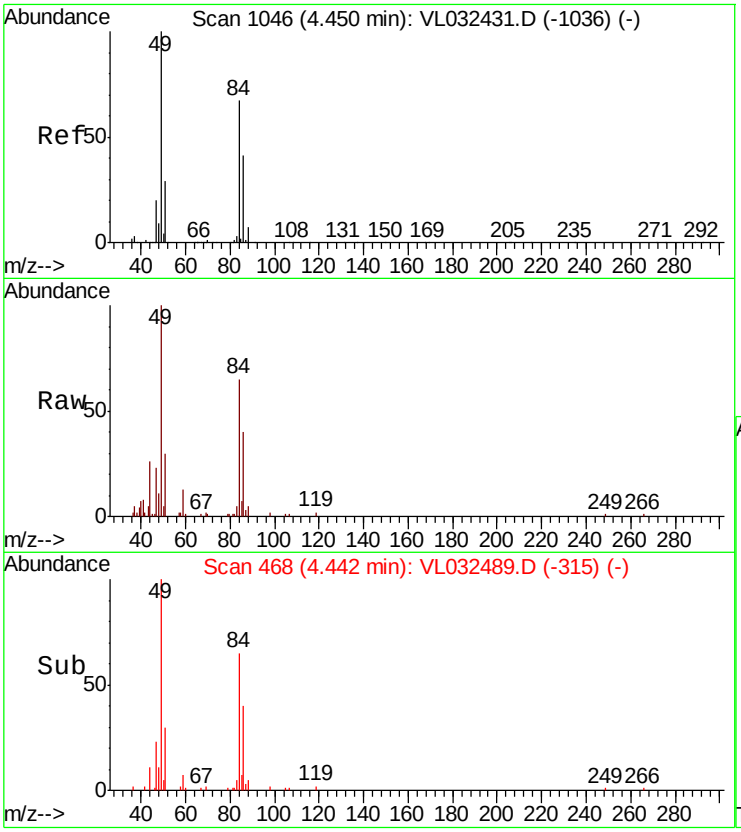


#17
tert-Butyl alcohol
Concen: 0.050 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.01 min
Lab File: VL032489.D
Acq: 10 Sep 2018 22:02

Tgt Ion: 59 Resp: 1050

Ion	Ratio	Lower	Upper
59	100		
57	0.0	0.0	0.0



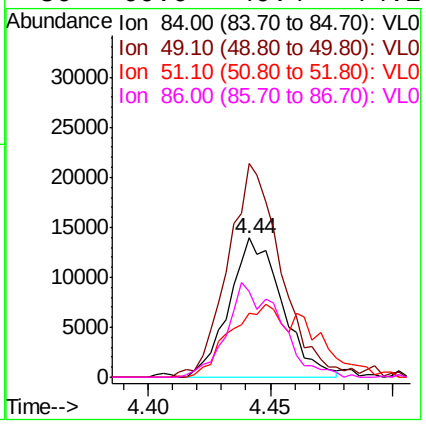


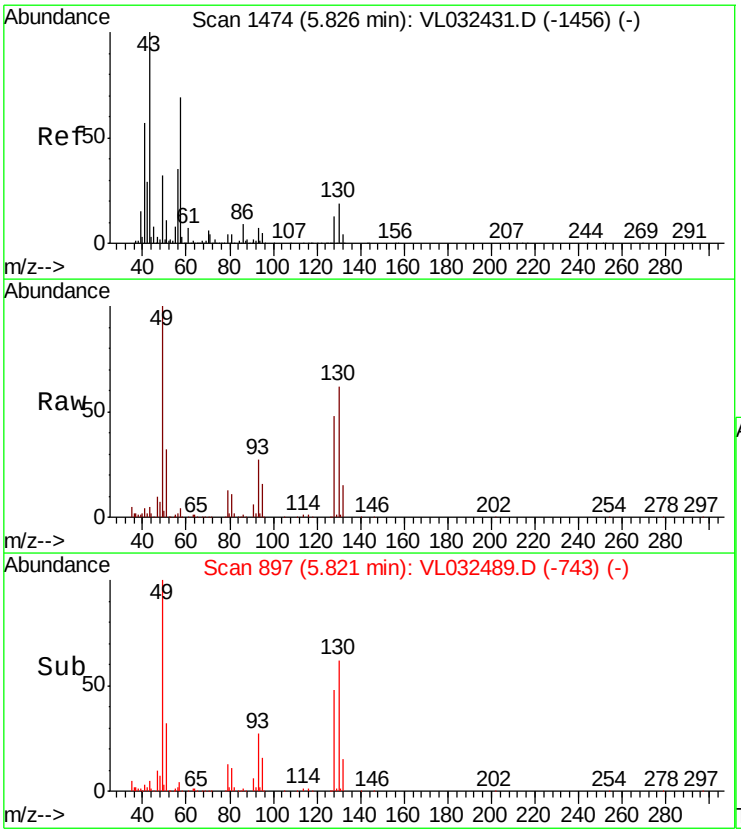
#20
Methylene Chloride
Concen: 0.400 ppbv
RT: 4.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: VL032489.D
Acq: 10 Sep 2018 22:02

Instrument : MSVOA_L
ClientSampleId : 241-BERRYDL

Tgt Ion: 84 Resp: 20898

Ion	Ratio	Lower	Upper
84	100		
49	148.3	119.1	178.7
51	46.0	35.2	52.8
86	60.0	49.4	74.2

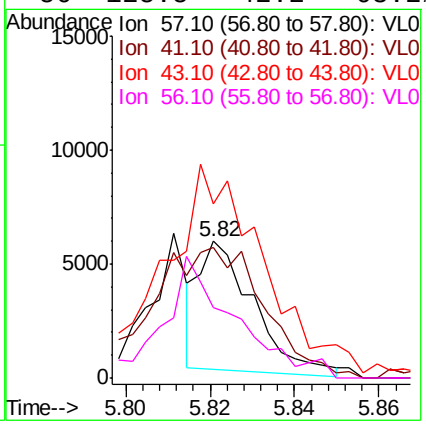


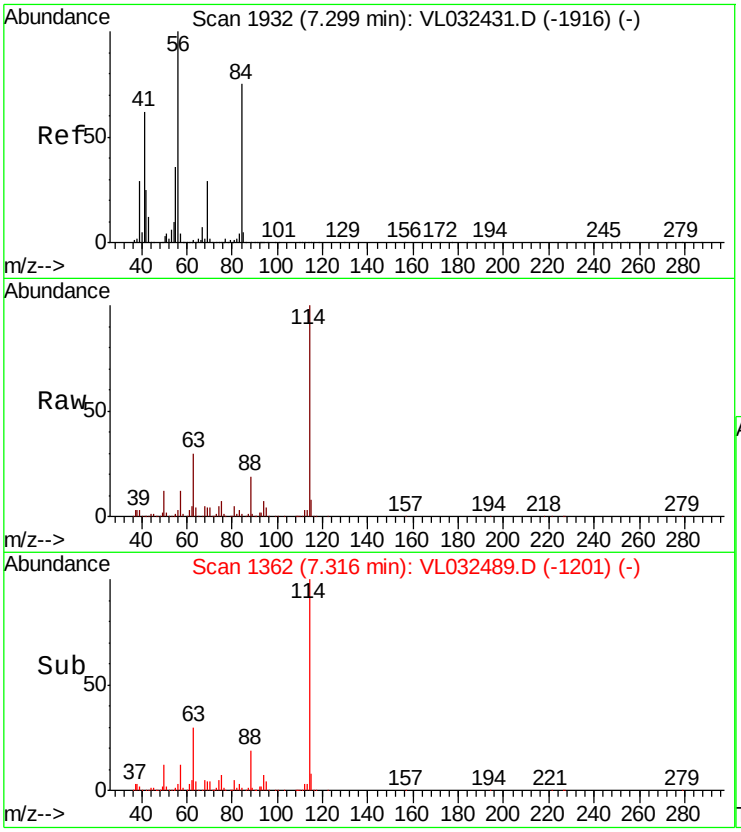


#26
Hexane
Concen: 0.035 ppbv
RT: 5.82 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL032489.D
Acq: 10 Sep 2018 22:02

Tgt Ion: 57 Resp: 5018

Ion	Ratio	Lower	Upper
57	100		
41	221.4	69.0	103.4#
43	331.2	172.1	258.1#
56	125.5	42.2	63.2#



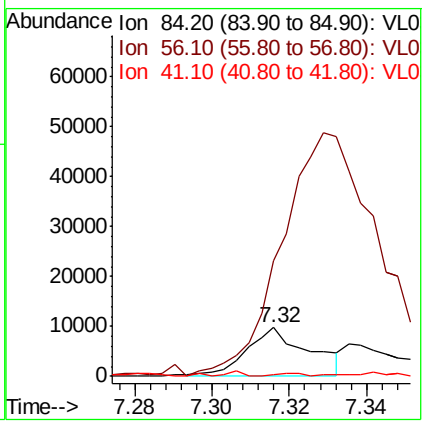


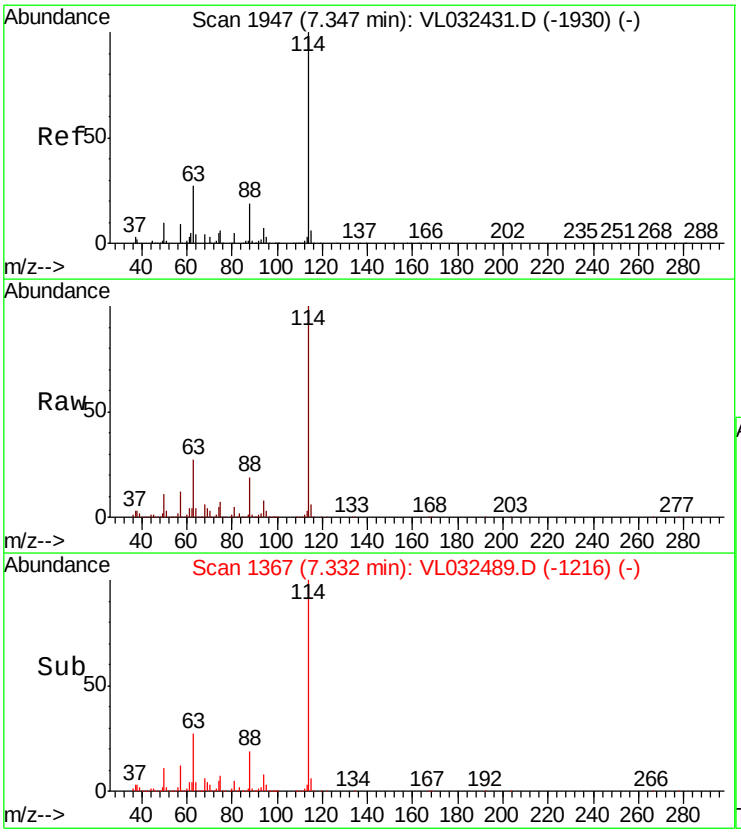
#30
Cyclohexane
Concen: 0.103 ppbv
RT: 7.32 min Scan# 1362
Delta R.T. 0.02 min
Lab File: VL032489.D
Acq: 10 Sep 2018 22:02

Instrument :
MSVOA_L
ClientSampleId :
241-BERRYDL

Tgt Ion: 84 Resp: 10908

Ion	Ratio	Lower	Upper
84	100		
56	0.0	113.5	170.3#
41	14.2	68.1	102.1#

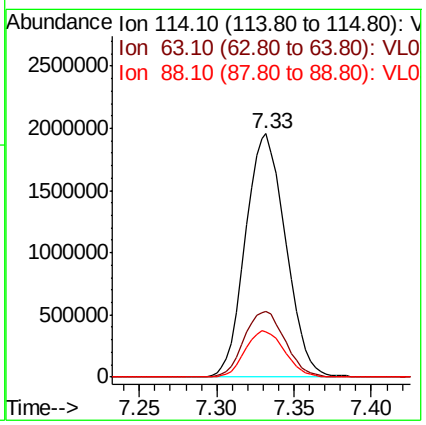


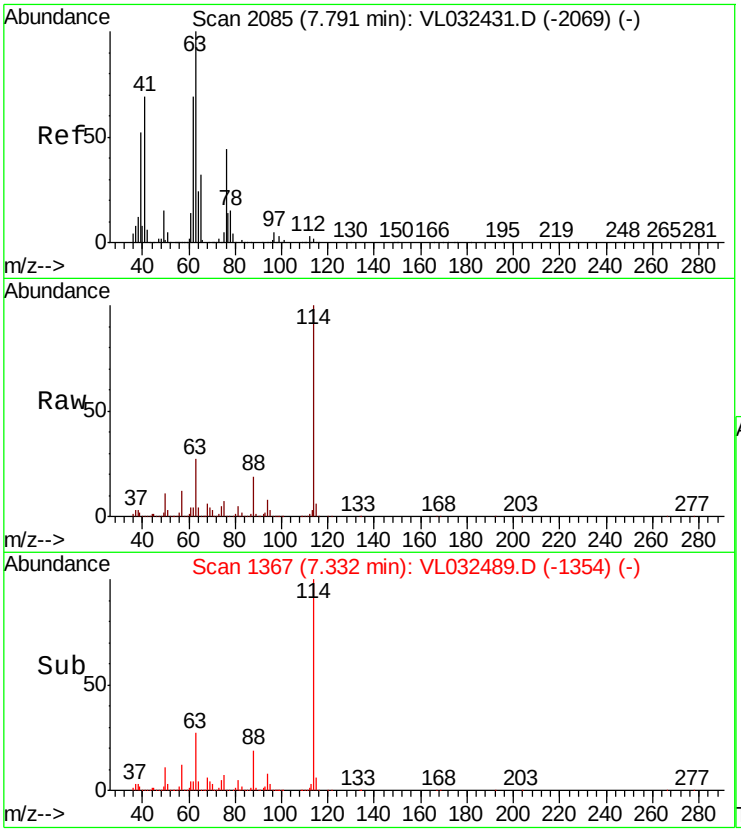


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.33 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VL032489.D
Acq: 10 Sep 2018 22:02

Tgt Ion:114 Resp: 3548832

Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.2	33.4
88	18.9	15.0	22.4



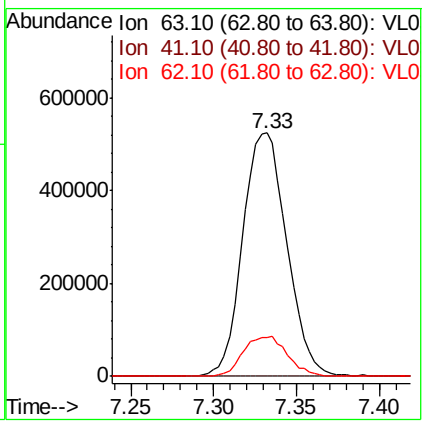


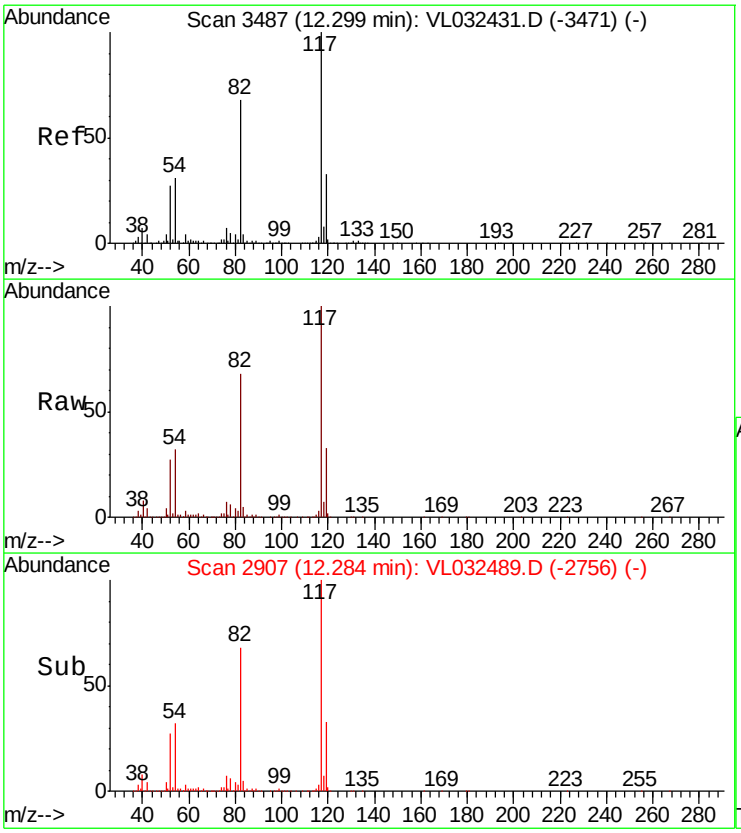
#39
1,2-Dichloropropane
Concen: 7.482 ppbv
RT: 7.33 min Scan# 1367
Delta R.T. -0.46 min
Lab File: VL032489.D
Acq: 10 Sep 2018 22:02

Instrument : MSVOA_L
ClientSampleId : 241-BERRYDL

Tgt Ion: 63 Resp: 966818

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.4	83.0#
62	16.2	55.4	83.0#

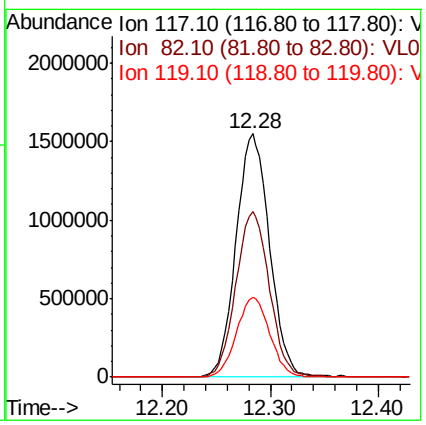


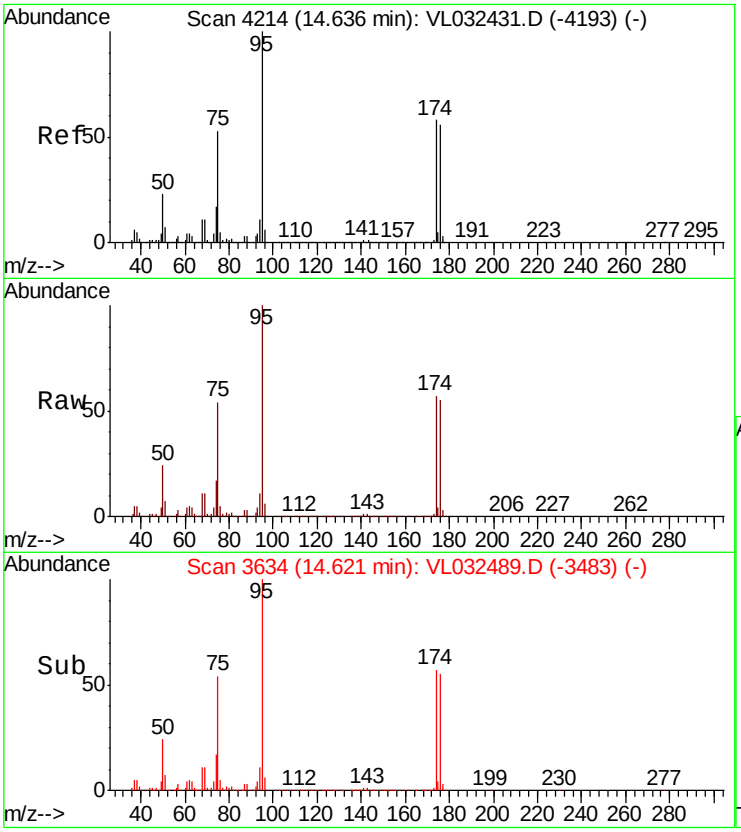


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.28 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL032489.D
Acq: 10 Sep 2018 22:02

Tgt Ion:117 Resp: 3354497

Ion	Ratio	Lower	Upper
117	100		
82	68.5	53.0	79.6
119	32.8	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.362 ppbv
RT: 14.62 min Scan# 3634
Delta R.T. -0.01 min
Lab File: VL032489.D
Acq: 10 Sep 2018 22:02

Instrument :
MSVOA_L
ClientSampleId :
241-BERRYDL

Tgt Ion: 95 Resp: 2580616

Ion	Ratio	Lower	Upper
95	100		
174	58.1	46.3	69.5
175	4.1	3.4	5.0