

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121718\
 Data File : VL033005.D
 Acq On : 17 Dec 2018 21:12
 Operator : SY/AP
 Sample : J6382-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 P0131-IA001-181212-01DL

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 2:00:18 PM

Quant Time: Dec 18 02:22:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1313975	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3181562	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3464299	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2504277	9.78	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.18	50	11689m	0.202	ppbv	
13) Ethanol	3.67	45	16497	1.218	ppbv	95
15) Acetone	3.93	43	44768	0.397	ppbv	95
20) Methylene Chloride	4.42	84	24265	0.440	ppbv #	94
26) Hexane	5.79	57	18678	0.152	ppbv #	54
53) Toluene	9.95	91	120841	0.487	ppbv	97

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

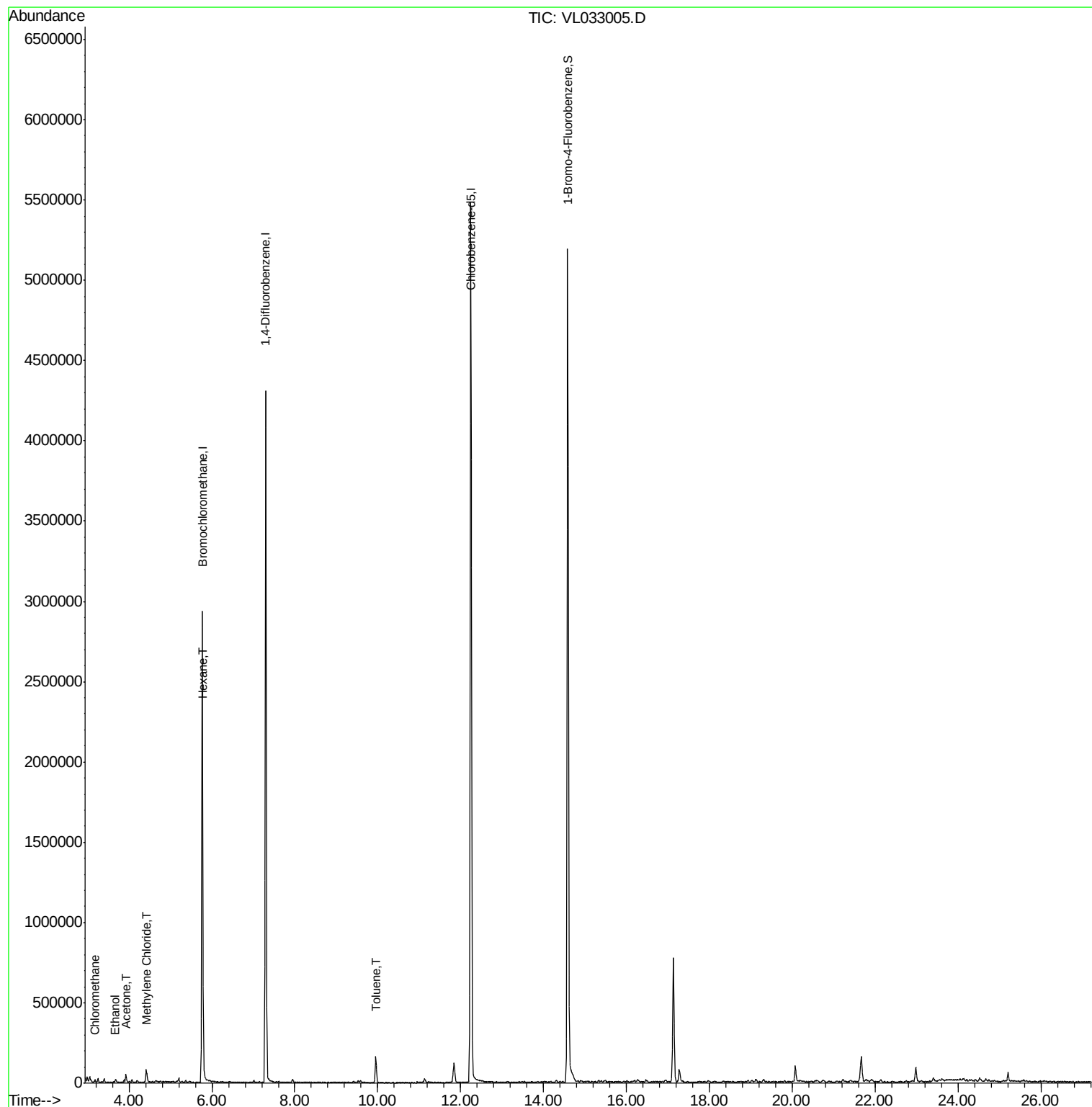
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121718\
Data File : VL033005.D
Acq On : 17 Dec 2018 21:12
Operator : SY/AP
Sample : J6382-03DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

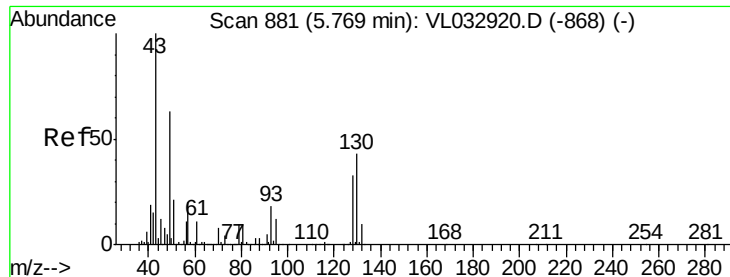
Instrument :
MSVOA_L
ClientSampleId :
P0131-IA001-181212-01DL

Manual Integrations
APPROVED

MMDadoda
12/19/2018 2:00:18 PM

Quant Time: Dec 18 02:22:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.00 min

Lab File: VL033005.D

Acq: 17 Dec 2018 21:12

Instrument :

MSVOA_L

ClientSampleId :

P0131-IA001-181212-01DL

Tot Ion: 49 Resp: 1313975

Ion Ratio Lower Upper

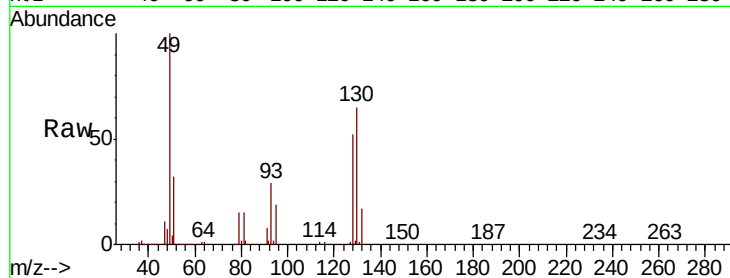
49 100

128 53.4 26.3 78.8

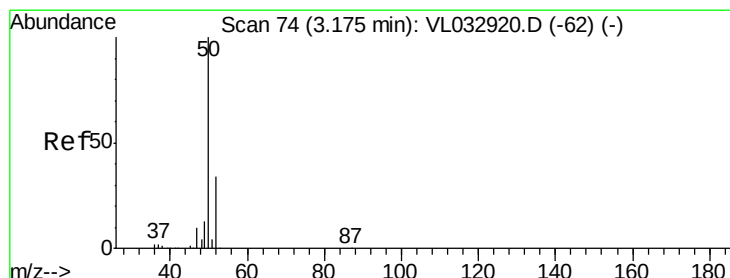
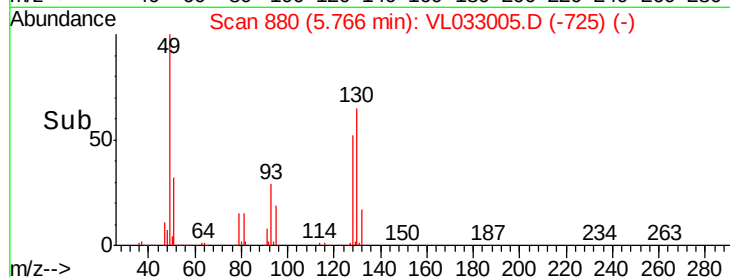
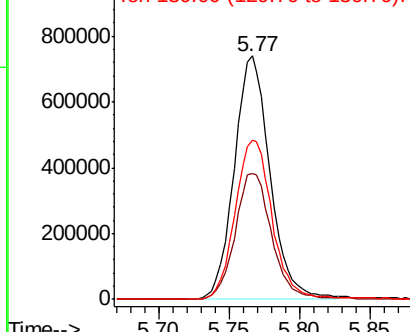
130 68.5 33.9 101.7

Manual Integrations
APPROVED

MMDadoda
12/19/2018 2:00:18 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#4

Chloromethane

Concen: 0.202 ppbv m

RT: 3.18 min Scan# 75

Delta R.T. 0.00 min

Lab File: VL033005.D

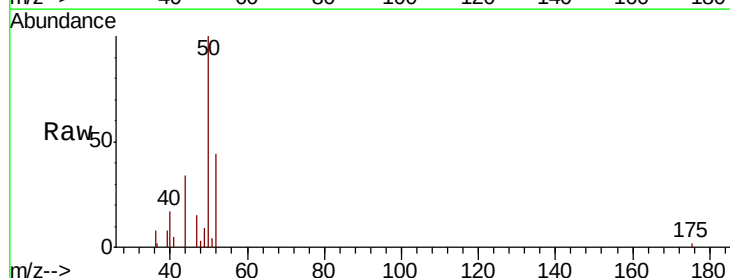
Acq: 17 Dec 2018 21:12

Tgt Ion: 50 Resp: 11689

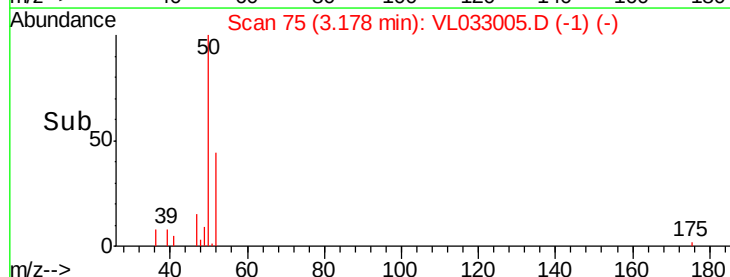
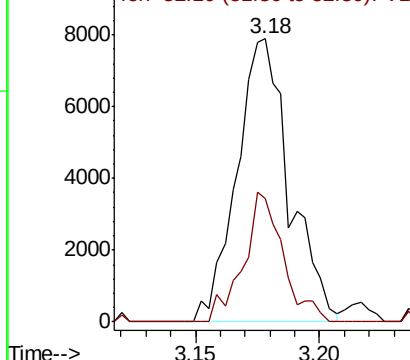
Ion Ratio Lower Upper

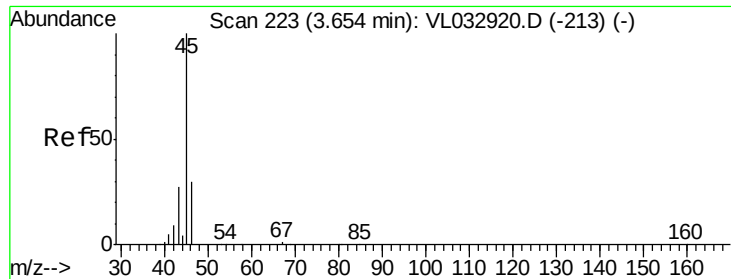
50 100

52 43.6 27.3 40.9#



Abundance Ion 50.10 (49.80 to 50.80): VL0
Ion 52.10 (51.80 to 52.80): VL0





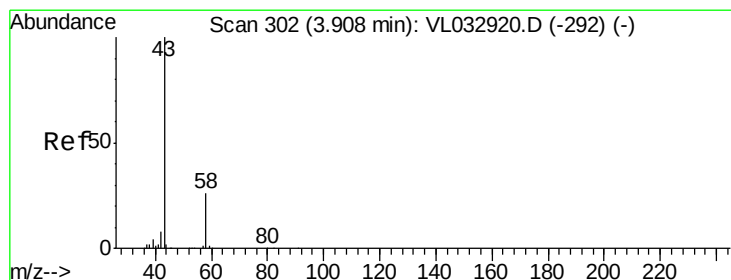
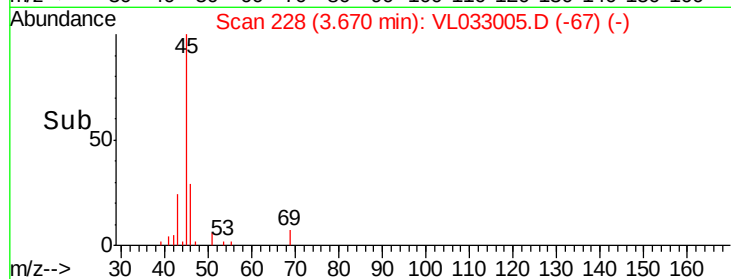
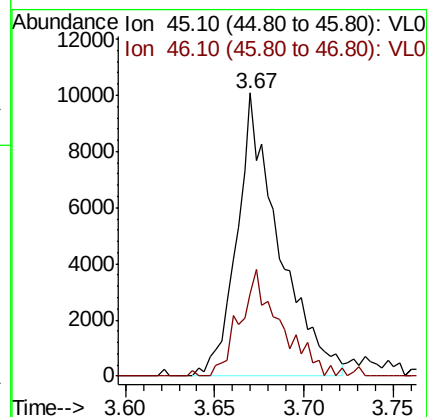
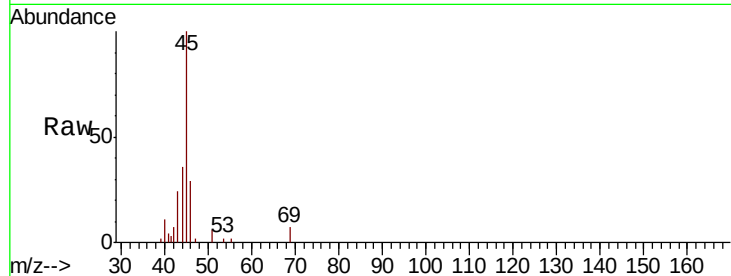
#13
Ethanol
Concen: 1.218 ppbv
RT: 3.67 min Scan# 228
Delta R.T. 0.02 min
Lab File: VL033005.D
Acq: 17 Dec 2018 21:12

Instrument :
MSVOA_L
ClientSampleId :
P0131-IA001-181212-01DL

Tot Ion	45	Resp	16497
Ion Ratio	100	Lower	Upper
46	37.6	13.8	55.4

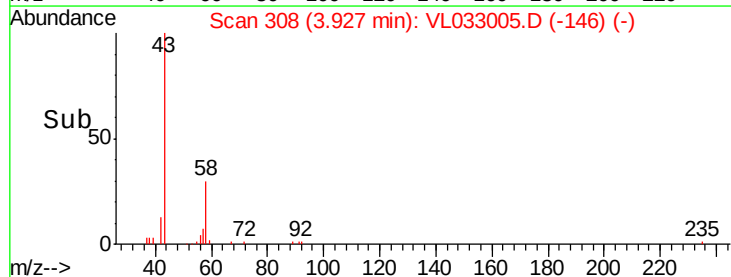
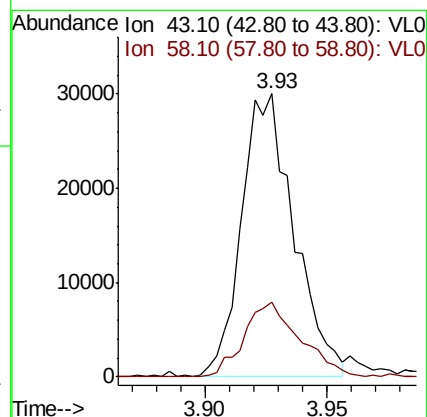
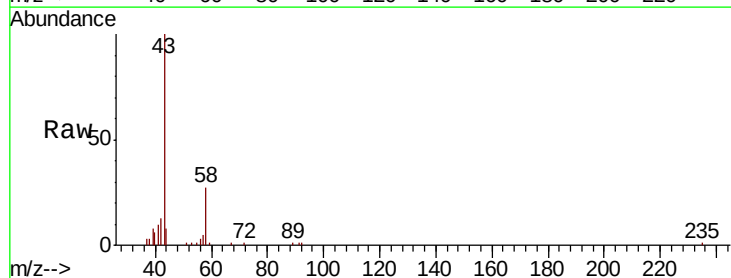
Manual Integrations
APPROVED

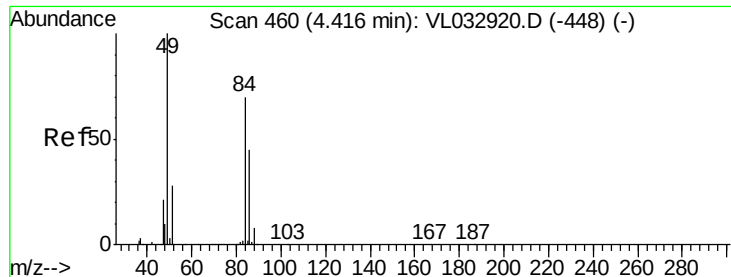
MMDadoda
12/19/2018 2:00:18 PM



#15
Acetone
Concen: 0.397 ppbv
RT: 3.93 min Scan# 308
Delta R.T. 0.02 min
Lab File: VL033005.D
Acq: 17 Dec 2018 21:12

Tgt Ion	43	Resp	44768
Ion Ratio	100	Lower	Upper
58	28.4	20.6	30.8





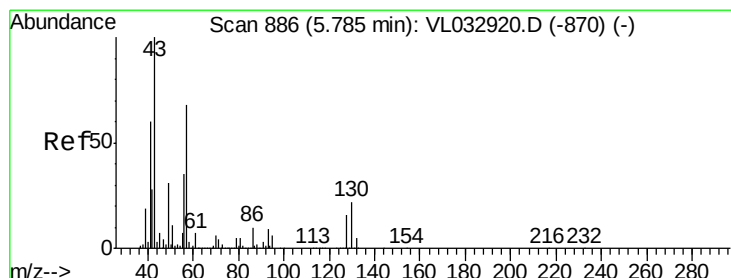
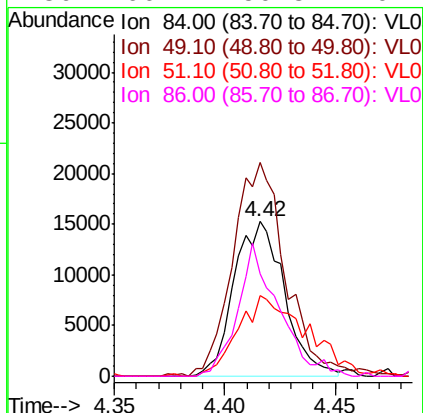
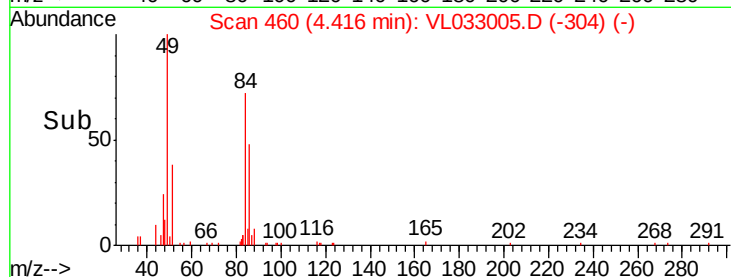
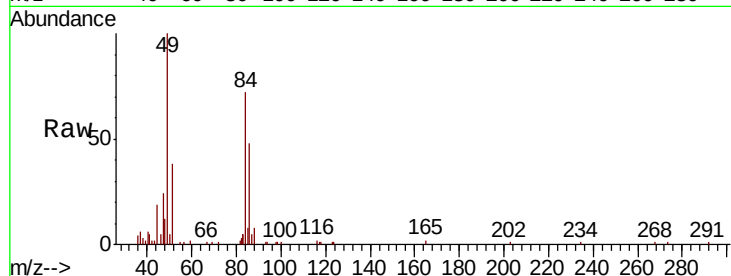
#20
Methvlene Chloride
Concen: 0.440 ppbv
RT: 4.42 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL033005.D
Acq: 17 Dec 2018 21:12

Instrument :
MSVOA_L
ClientSampleId :
P0131-IA001-181212-01DL

Tot Ion	Ratio	Lower	Upper
84	100		
49	138.2	113.8	170.8
51	51.8	31.8	47.8#
86	66.1	50.8	76.2

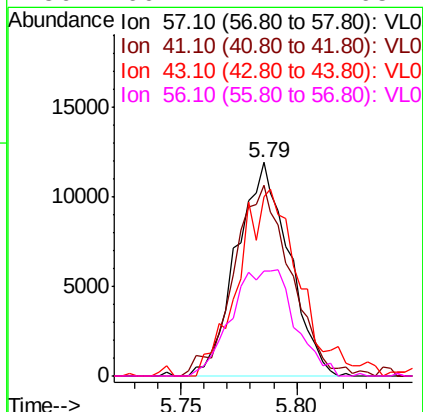
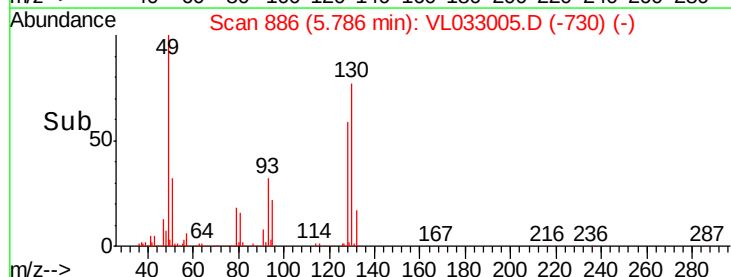
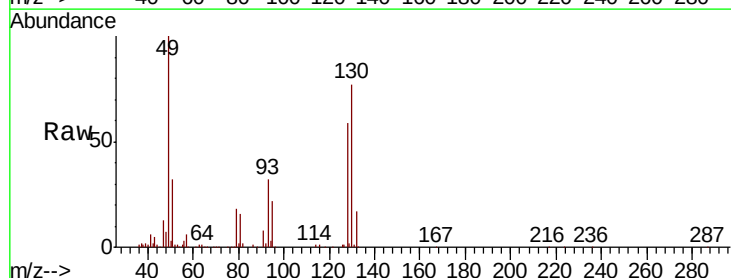
Manual Integrations
APPROVED

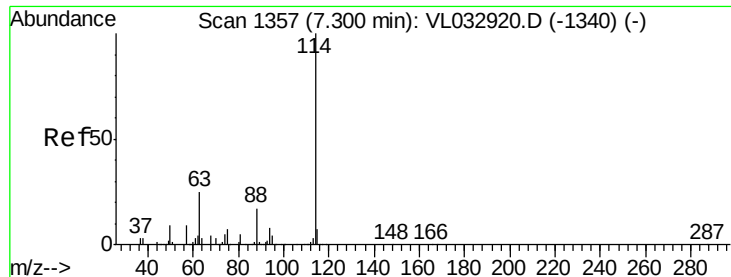
MMDadoda
12/19/2018 2:00:18 PM



#26
Hexane
Concen: 0.152 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.00 min
Lab File: VL033005.D
Acq: 17 Dec 2018 21:12

Tgt Ion	Ratio	Lower	Upper
57	100		
41	97.4	72.2	108.2
43	102.8	171.9	257.9#
56	60.2	42.2	63.2





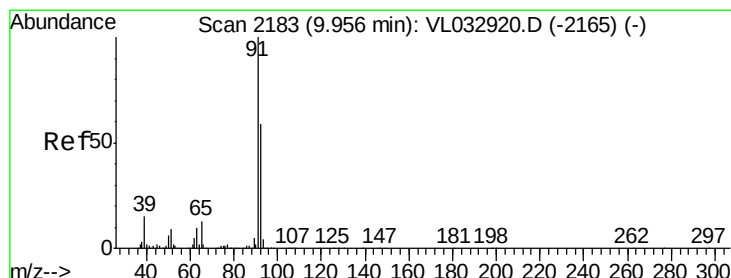
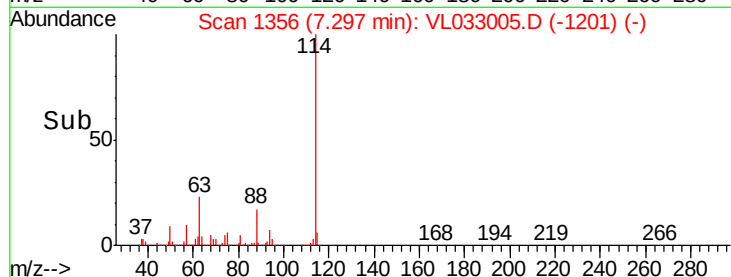
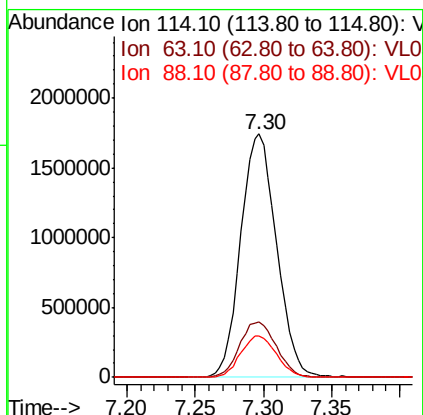
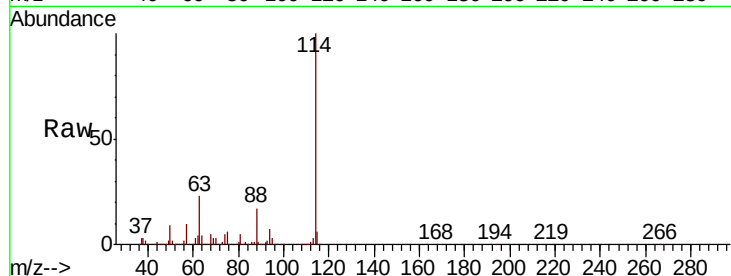
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VL033005.D
 Acq: 17 Dec 2018 21:12

Instrument :
 MSVOA_L
 ClientSampleId :
 P0131-IA001-181212-01DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.4	20.1	30.1
88	17.1	14.2	21.4

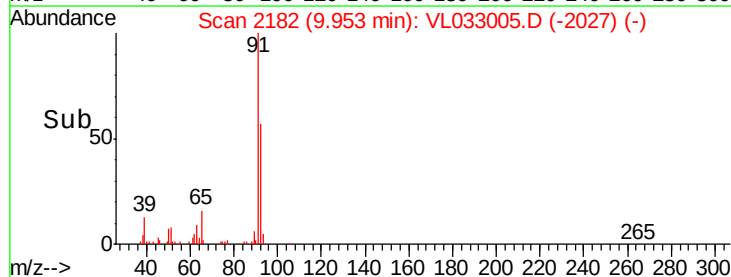
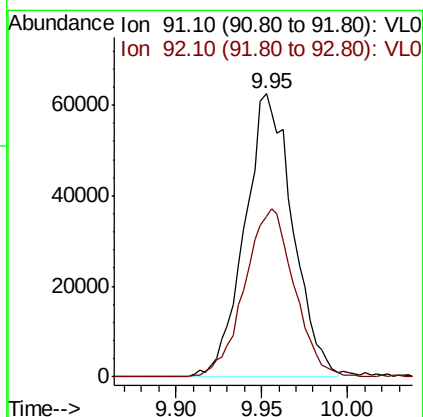
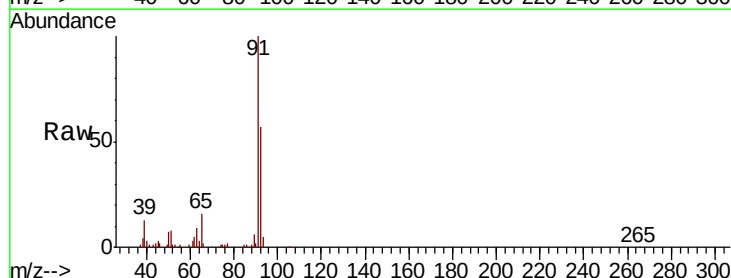
Manual Integrations
 APPROVED

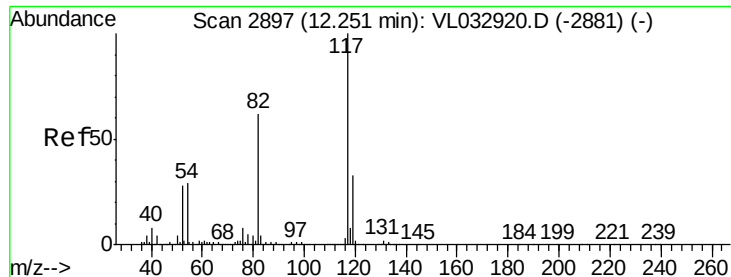
MMDadoda
 12/19/2018 2:00:18 PM



#53
 Toluene
 Concen: 0.487 ppbv
 RT: 9.95 min Scan# 2182
 Delta R.T. -0.00 min
 Lab File: VL033005.D
 Acq: 17 Dec 2018 21:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	61.6	47.4	71.0





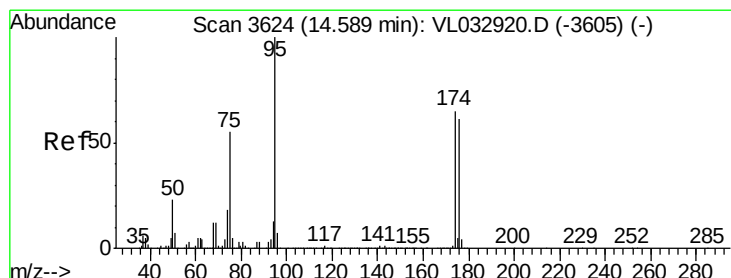
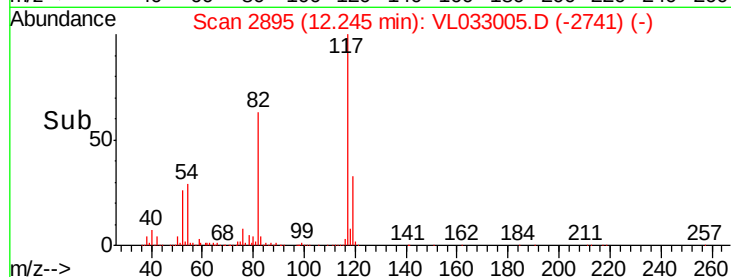
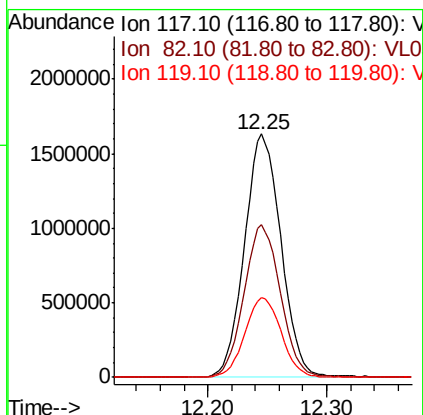
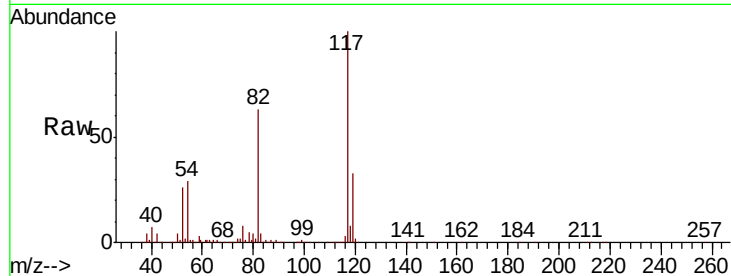
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL033005.D
Acq: 17 Dec 2018 21:12

Instrument :
MSVOA_L
ClientSampleId :
P0131-IA001-181212-01DL

Tot Ion:117 Resp: 3464299
Ion Ratio Lower Upper
117 100
82 62.8 47.8 71.8
119 33.0 43.1 64.7#

Manual Integrations
APPROVED

MMDadoda
12/19/2018 2:00:18 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 9.785 ppbv
RT: 14.59 min Scan# 3623
Delta R.T. -0.00 min
Lab File: VL033005.D
Acq: 17 Dec 2018 21:12

Tgt Ion: 95 Resp: 2504277
Ion Ratio Lower Upper
95 100
174 67.9 51.4 77.0
175 4.9 3.8 5.6

