

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052219\
 Data File : VL033765.D
 Acq On : 23 May 2019 4:28
 Operator : SY/AP
 Sample : K2929-03DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3005-25DL

Manual Integrations
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 5/28/2019 2:51:30 AM

Quant Time: May 23 07:15:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 17 2019
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	908474	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2140435	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.23	117	2061760	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1735383	10.38	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	25468	0.575	ppbv	92
13) Ethanol	3.66	45	22449m	1.569	ppbv	
15) Acetone	3.90	43	277219	2.199	ppbv	99
20) Methylene Chloride	4.41	84	6781m	0.140	ppbv	
34) 2-Butanone	5.34	43	29273	0.221	ppbv	97
53) Toluene	9.94	91	87522	0.417	ppbv	98
59) m/p-Xylene	13.11	91	65162m	0.273	ppbv	

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

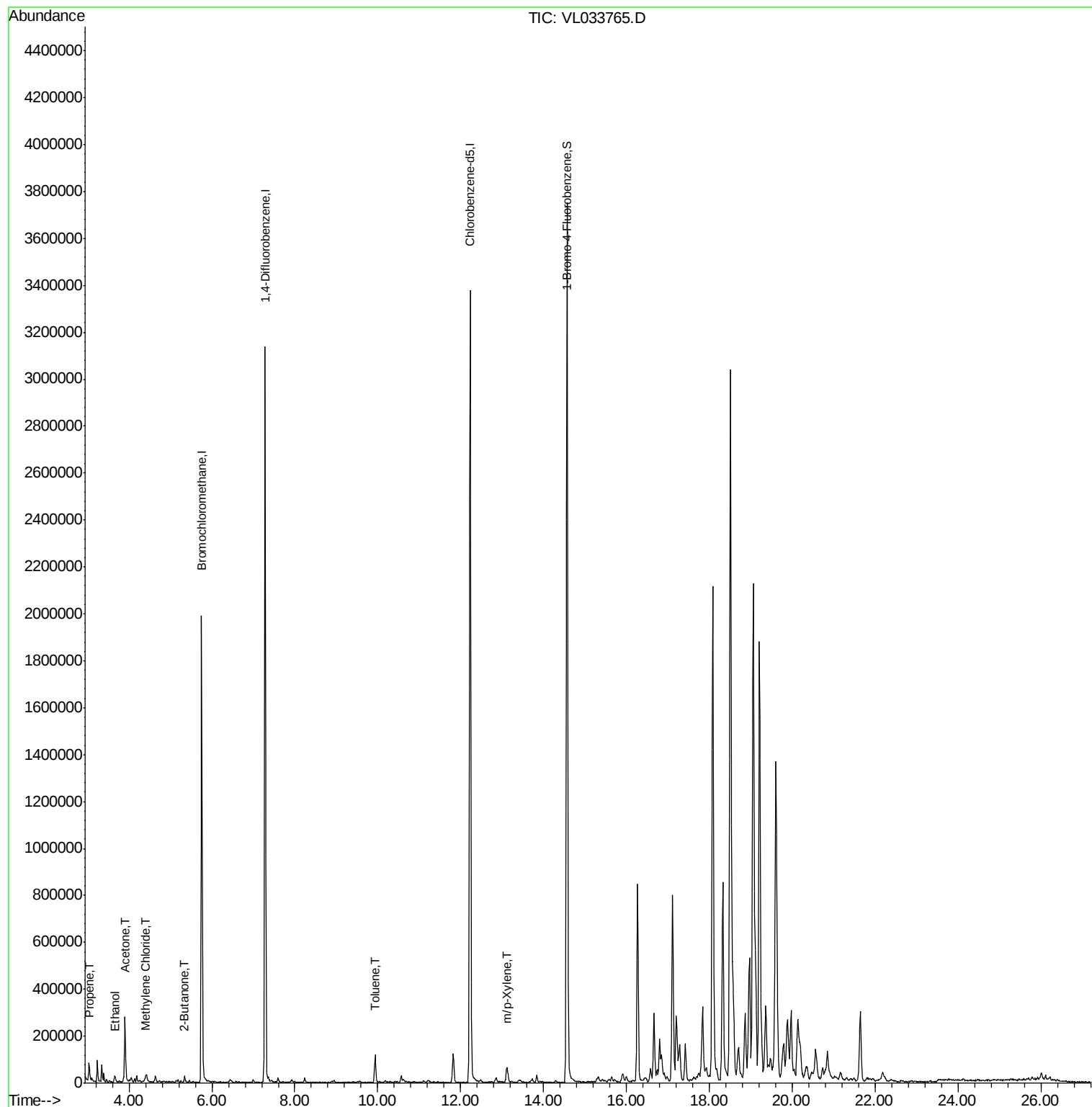
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052219\
Data File : VL033765.D
Acq On : 23 May 2019 4:28
Operator : SY/AP
Sample : K2929-03DL 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

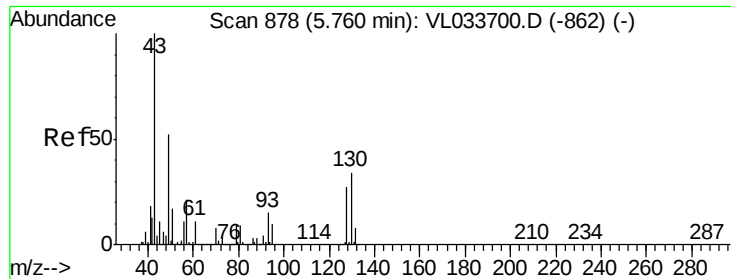
Instrument :
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 876

Delta R.T. -0.01 min

Lab File: VL033765.D

Acq: 23 May 2019 4:28

Instrument :

MSVOA_L

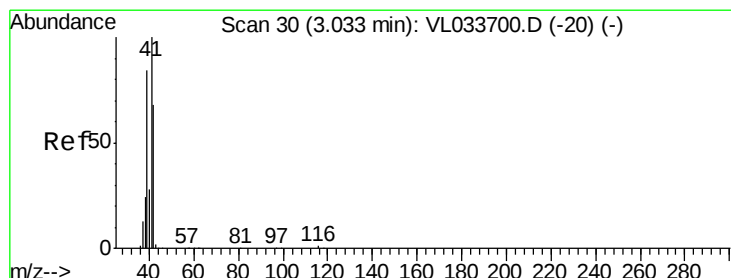
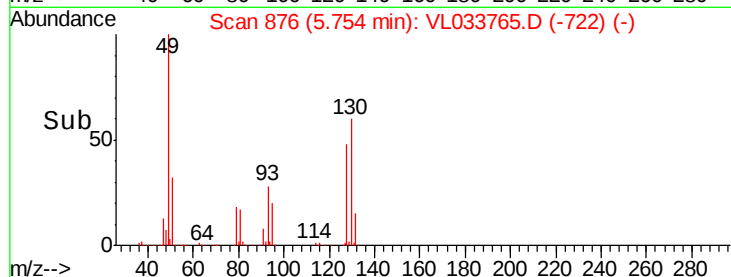
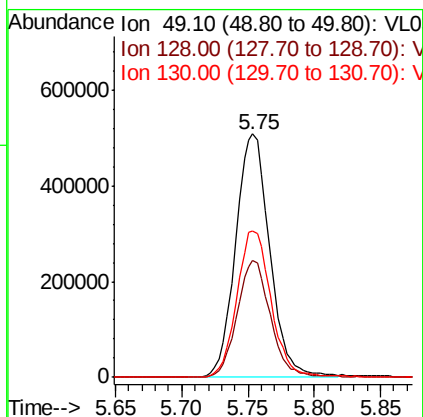
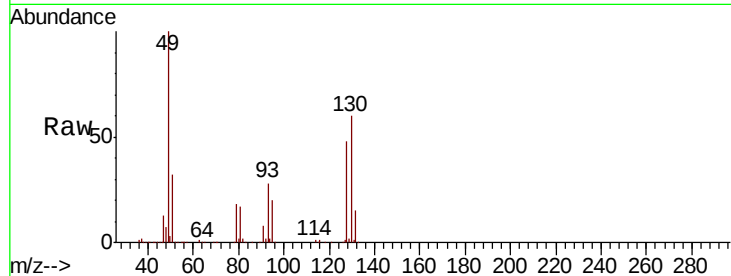
ClientSampleId :

BPS1-SG-3005-25DL

Tot Ion:	49	Resp:	908474
Ion Ratio	Lower	Upper	
49	100		
128	47.6	25.2	75.6
130	60.6	32.5	97.5

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#9

Propene

Concen: 0.575 ppbv

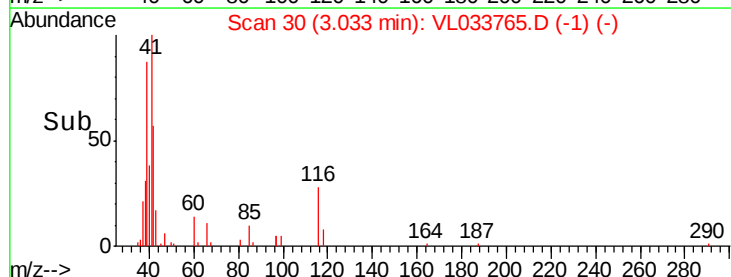
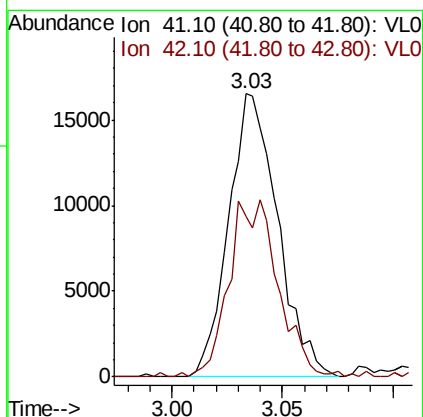
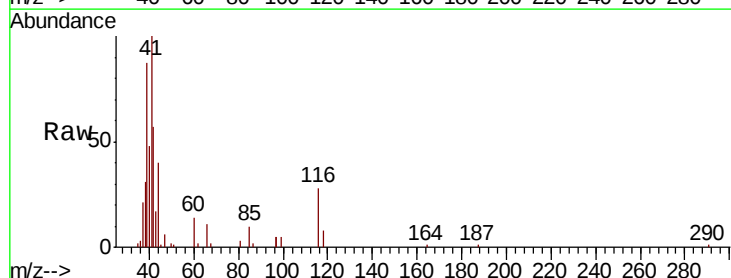
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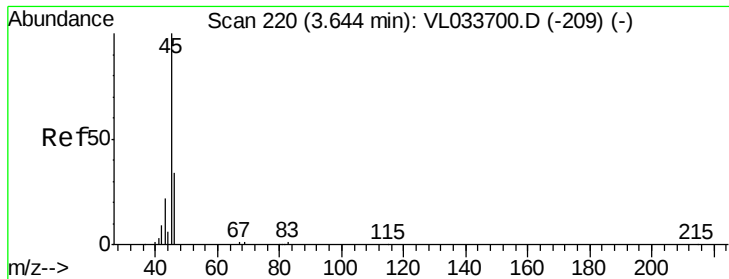
Delta R.T. 0.00 min

Lab File: VL033765.D

Acq: 23 May 2019 4:28

Tgt Ion:	41	Resp:	25468
Ion Ratio	Lower	Upper	
41	100		
42	63.1	56.1	84.1





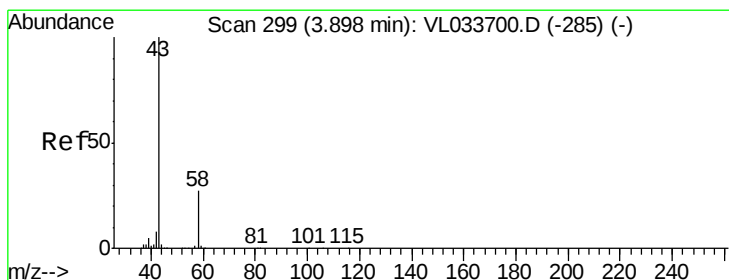
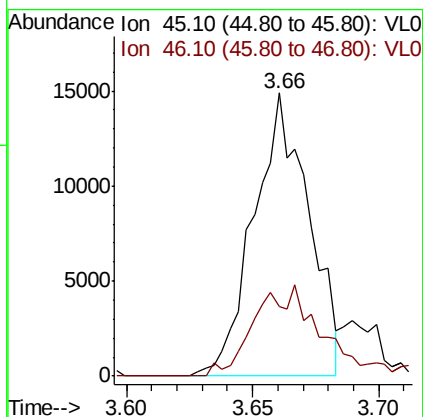
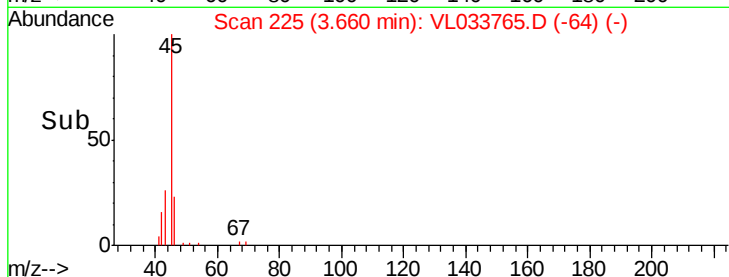
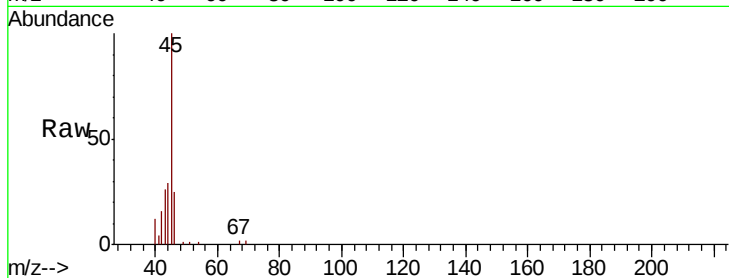
#13
Ethanol
Concen: 1.569 ppbv m
RT: 3.66 min Scan# 225
Delta R.T. 0.02 min
Lab File: VL033765.D
Acq: 23 May 2019 4:28

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25DL

Tot Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.8	59.0#

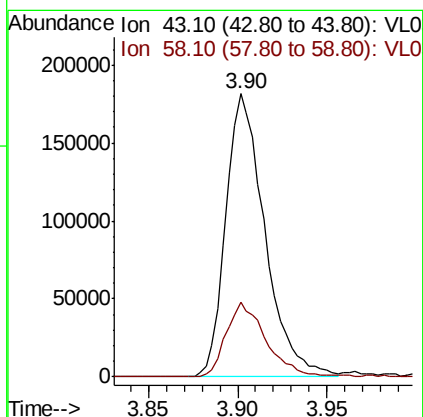
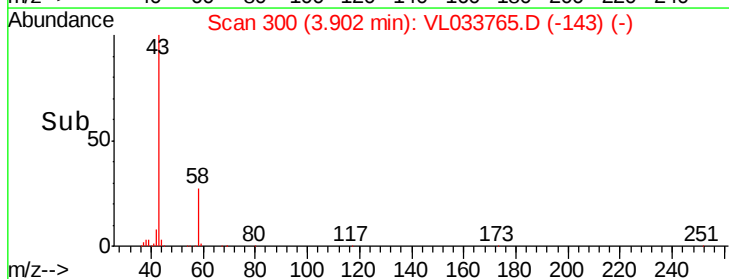
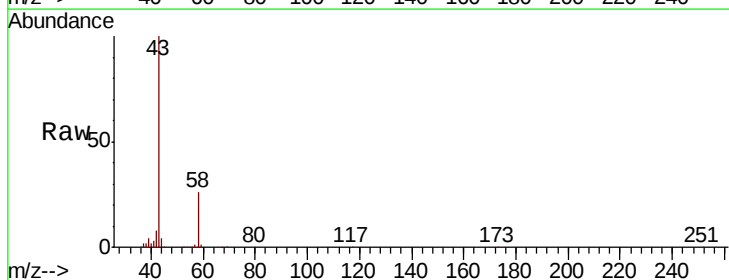
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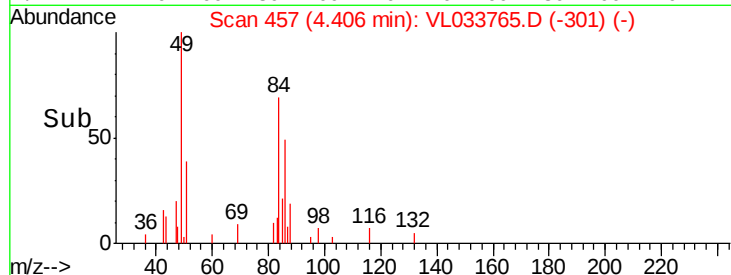
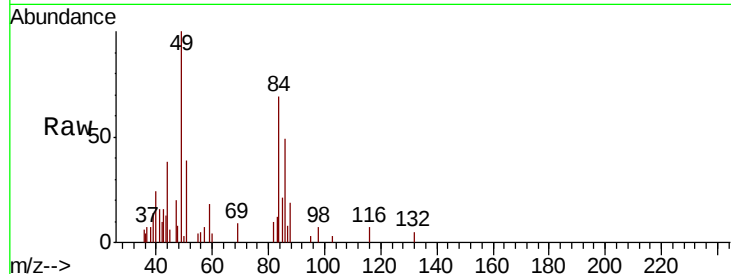
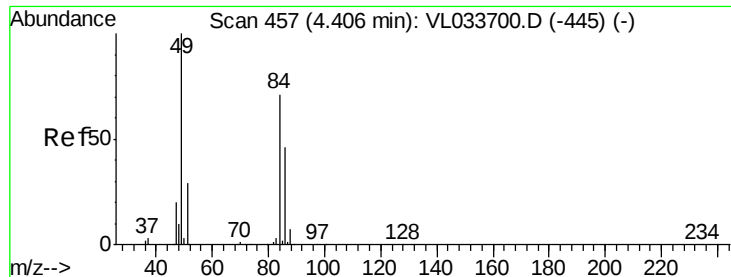
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#15
Acetone
Concen: 2.199 ppbv
RT: 3.90 min Scan# 300
Delta R.T. 0.00 min
Lab File: VL033765.D
Acq: 23 May 2019 4:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.3	21.3	31.9





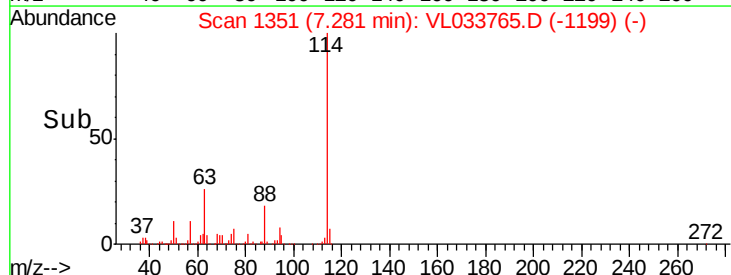
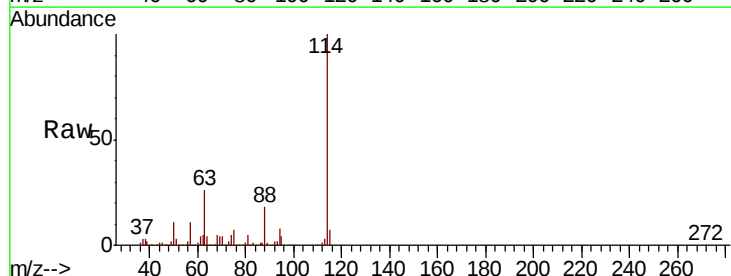
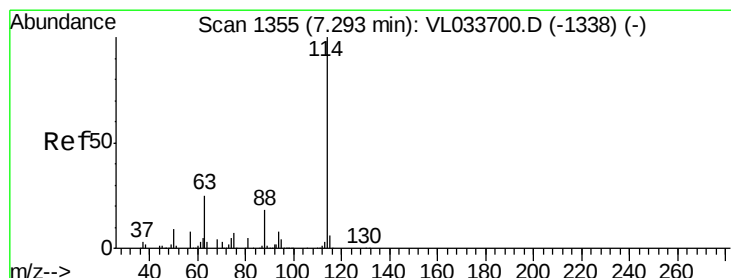
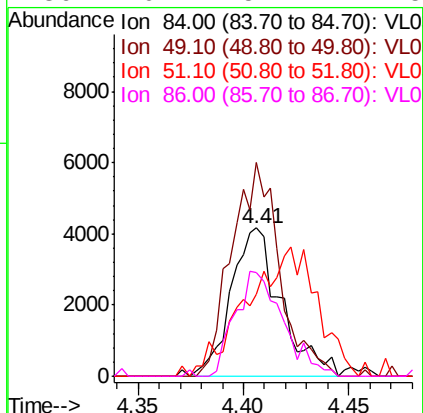
#20
Methylene Chloride
Concen: 0.140 ppbv
RT: 4.41 min Scan# 457
Delta R.T. 0.00 min
Lab File: VL033765.D
Acq: 23 May 2019 4:28

Tot Ion	84	Resp:	6781
Ion	Ratio	Lower	Upper
84	100		
49	144.4	112.8	169.2
51	55.8	33.4	50.0#
86	70.2	51.7	77.5

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25DL

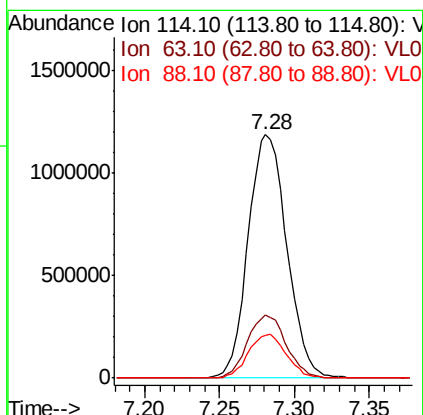
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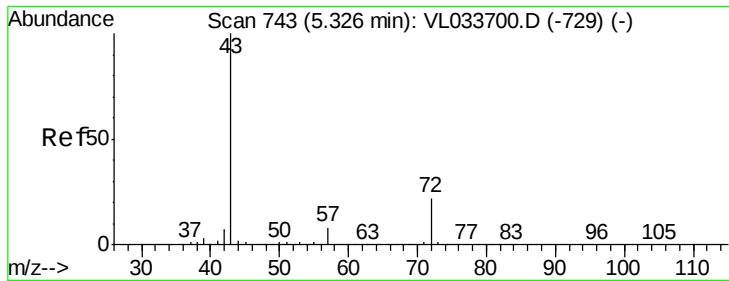
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1351
Delta R.T. -0.01 min
Lab File: VL033765.D
Acq: 23 May 2019 4:28

Tgt Ion	114	Resp:	2140435
Ion	Ratio	Lower	Upper
114	100		
63	26.1	20.9	31.3
88	17.8	14.3	21.5





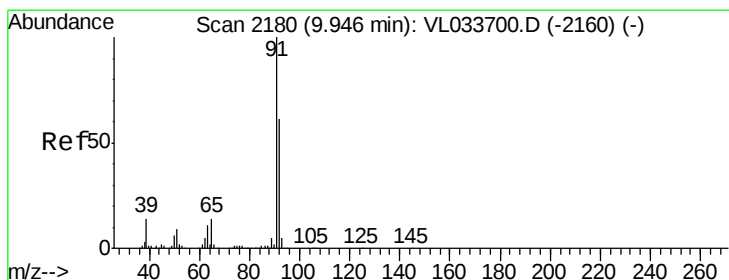
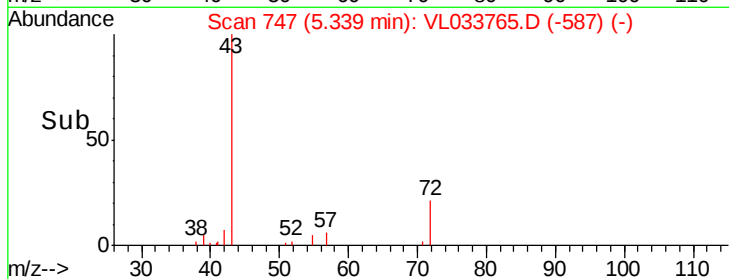
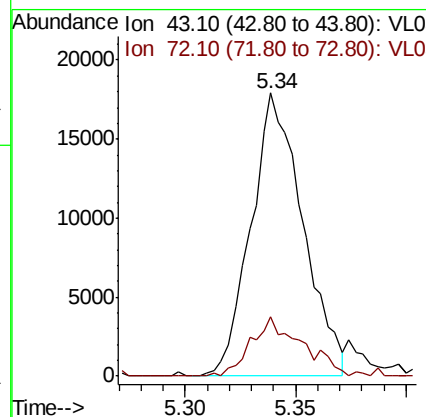
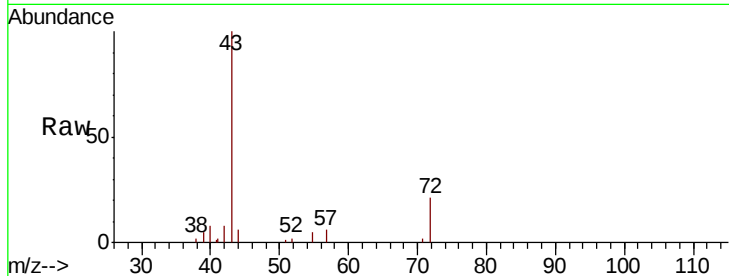
#34
2-Butanone
Concen: 0.221 ppbv
RT: 5.34 min Scan# 747
Delta R.T. 0.01 min
Lab File: VL033765.D
Acq: 23 May 2019 4:28

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25DL

Tot Ion: 43 Resp: 29273
Ion Ratio Lower Upper
43 100
72 21.0 17.8 26.6

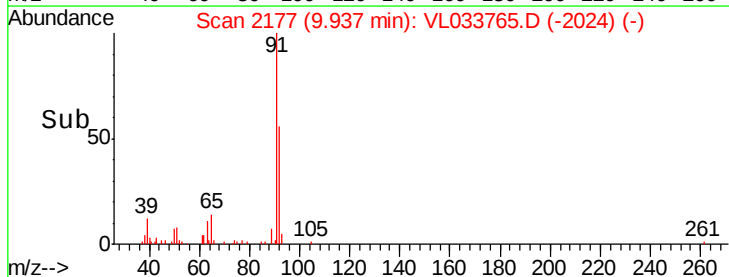
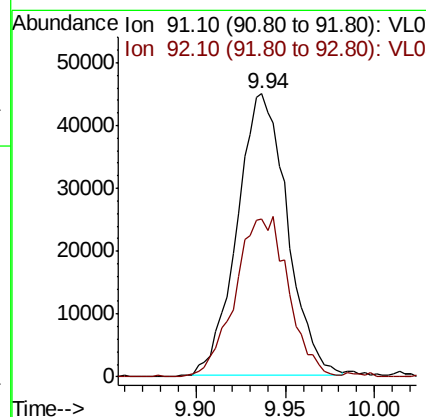
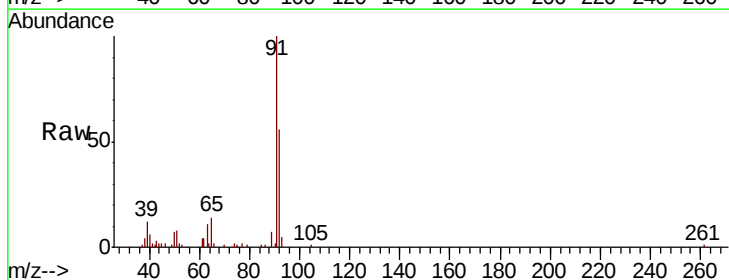
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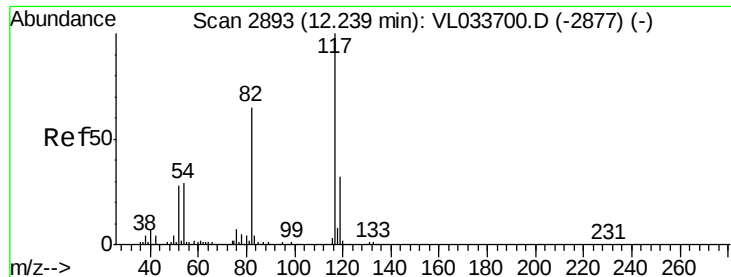
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#53
Toluene
Concen: 0.417 ppbv
RT: 9.94 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VL033765.D
Acq: 23 May 2019 4:28

Tgt Ion: 91 Resp: 87522
Ion Ratio Lower Upper
91 100
92 61.0 47.6 71.4





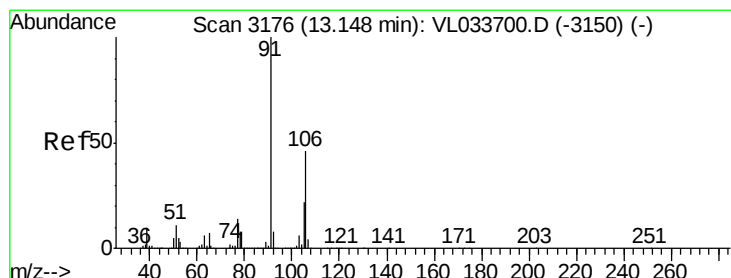
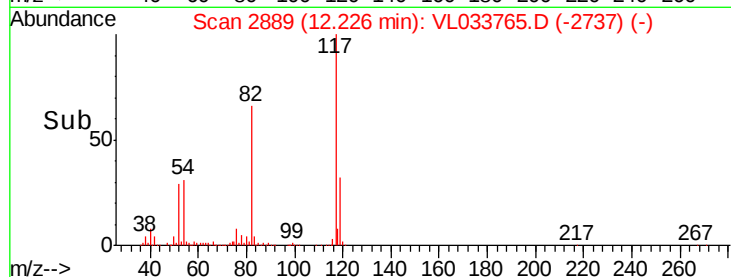
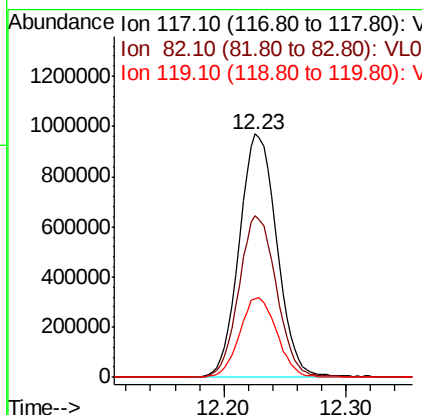
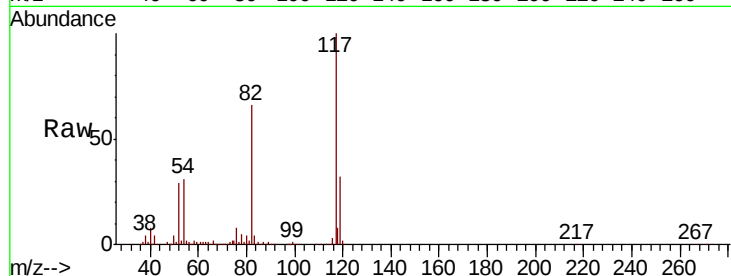
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2889
Delta R.T. -0.01 min
Lab File: VL033765.D
Acq: 23 May 2019 4:28

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	66.8	49.4	74.0
119	32.6	24.9	37.3

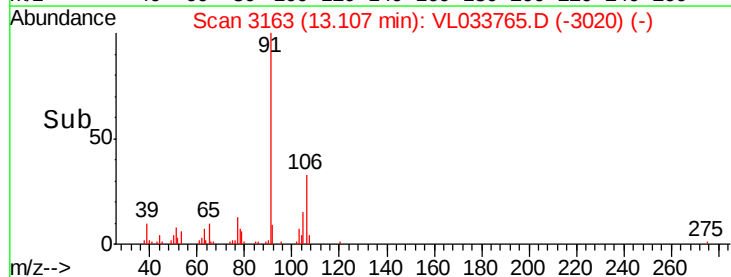
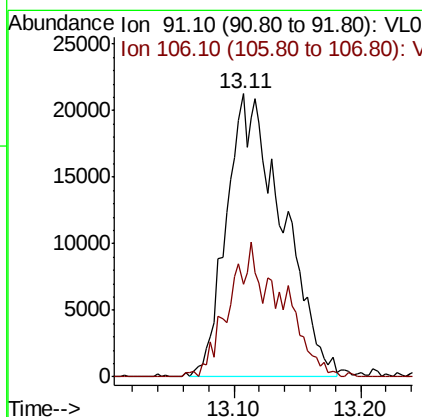
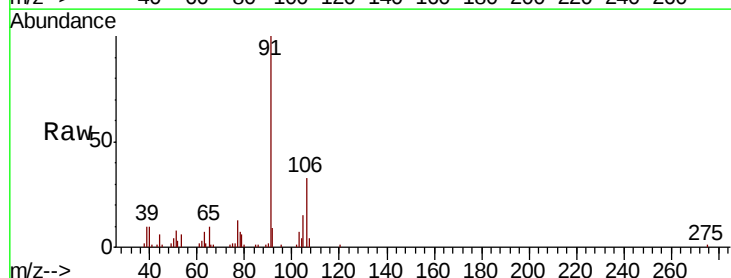
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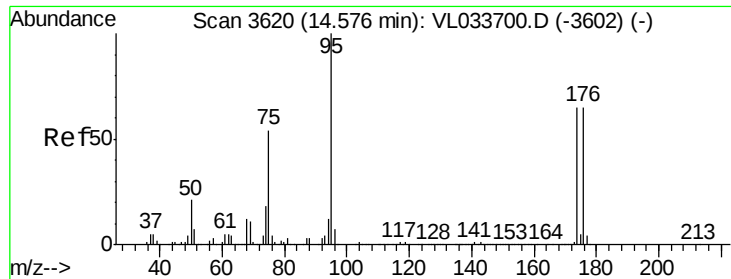
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#59
m/p-Xylene
Concen: 0.273 ppbv m
RT: 13.11 min Scan# 3163
Delta R.T. -0.04 min
Lab File: VL033765.D
Acq: 23 May 2019 4:28

Tgt Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.8	53.6#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.383 ppbv
 RT: 14.56 min Scan# 3616
 Delta R.T. -0.01 min
 Lab File: VL033765.D
 Acq: 23 May 2019 4:28

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3005-25DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	65.8	53.9	80.9
175	4.7	3.8	5.8

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