

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052319\
 Data File : VL033784.D
 Acq On : 23 May 2019 22:05
 Operator : SY/AP
 Sample : K2929-18
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 BPS1-SG-3008-55

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 2:53:42 AM

Quant Time: May 24 06:09:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 1
 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	5.76	49	947023	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2397704	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2409179	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1893730	9.70	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	31927	0.160	ppbv	97
3) Chlorodifluoromethane	3.01	51	26641m	0.246	ppbv	
4) Chloromethane	3.17	50	9706	0.156	ppbv	92
9) Propene	3.03	41	1889387	40.949	ppbv	94
10) Heptane	8.24	43	189042	1.447	ppbv	99
11) Trichlorofluoromethane	4.00	101	53074	0.279	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.55	101	12973	0.098	ppbv	99
13) Ethanol	3.65	45	200562	13.449	ppbv	98
15) Acetone	3.89	43	14418526	109.735	ppbv #	76
17) tert-Butyl alcohol	4.36	59	285023	2.683	ppbv	96
19) Isopropyl Alcohol	4.03	45	73490	0.867	ppbv #	94
20) Methylene Chloride	4.41	84	58111	1.149	ppbv	97
26) Hexane	5.77	57	216833	2.185	ppbv #	35
27) Carbon Disulfide	4.62	76	232941	1.711	ppbv	97
29) Chloroform	5.85	83	66065	0.361	ppbv	96
30) Cyclohexane	7.25	84	19096m	0.229	ppbv	
32) 1,1,1-Trichloroethane	6.62	97	18661m	0.102	ppbv	
34) 2-Butanone	5.33	43	1896549	12.761	ppbv	99
36) Benzene	7.00	78	253197	1.161	ppbv	94
44) 2,2,4-Trimethylpentane	7.99	57	77498	0.210	ppbv #	56
50) 4-Methyl-2-Pentanone	8.87	43	74489	0.326	ppbv	100
51) 2-Hexanone	10.26	43	318197	1.783	ppbv #	98
52) Tetrachloroethene	11.36	164	40510	0.528	ppbv	98
53) Toluene	9.94	91	2085621	8.866	ppbv	99
58) Ethyl Benzene	12.86	91	552454	1.732	ppbv	97
59) m/p-Xylene	13.11	91	1799857	6.454	ppbv	98
60) o-Xylene	13.84	91	603746	2.148	ppbv	97
61) Styrene	13.68	104	23257	0.123	ppbv #	90
62) Isopropylbenzene	14.81	105	41261m	0.109	ppbv	
64) n-propylbenzene	15.72	120	44738m	0.457	ppbv	
70) n-Butylbenzene	18.74	91	177236m	0.413	ppbv	
72) 4-Ethyltoluene	15.99	105	222120	0.691	ppbv #	94
73) 1,3,5-Trimethylbenzene	16.15	105	146234	0.466	ppbv	87
74) 1,2,4-Trimethylbenzene	16.92	105	502418	1.472	ppbv #	74
75) 1,3-Dichlorobenzene	17.16	146	62375	0.298	ppbv #	61
79) Naphthalene	22.42	128	45513m	0.144	ppbv	

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

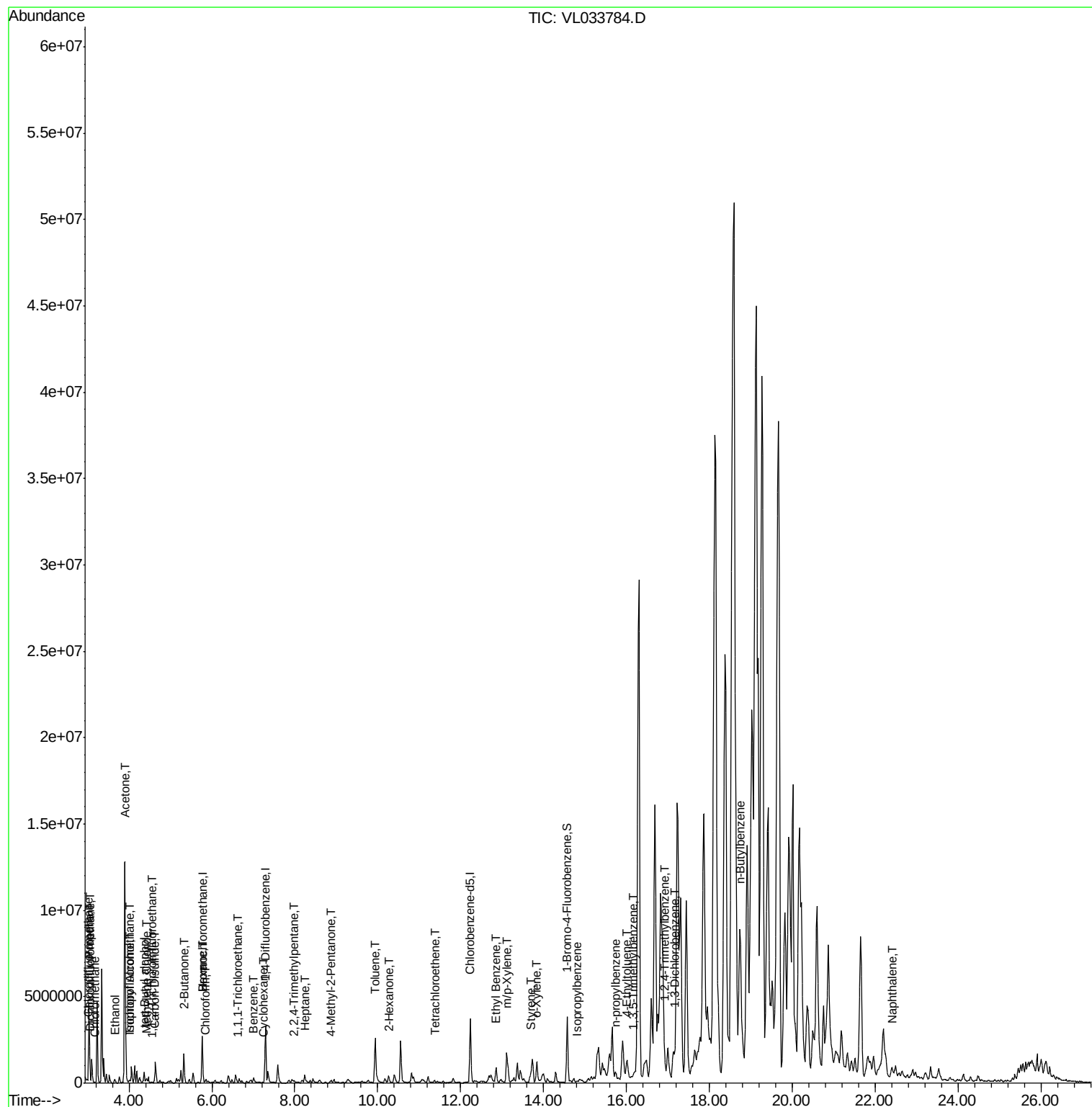
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052319\
Data File : VL033784.D
Acq On : 23 May 2019 22:05
Operator : SY/AP
Sample : K2929-18
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

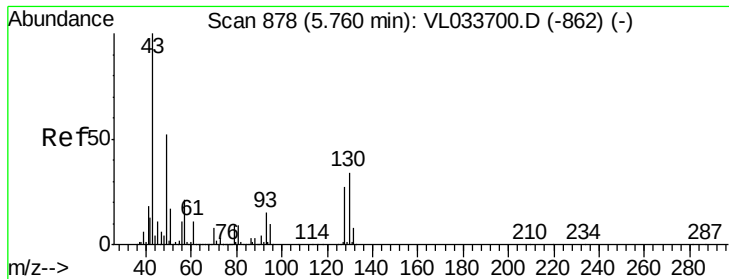
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-55

Manual Integrations
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Quant Time: May 24 06:09:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
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: 5.76 min Scan# 879

Delta R.T. 0.00 min

Lab File: VL033784.D

Acq: 23 May 2019 22:05

Instrument :

MSVOA_L

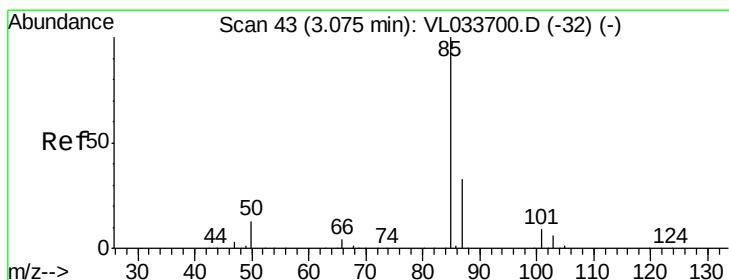
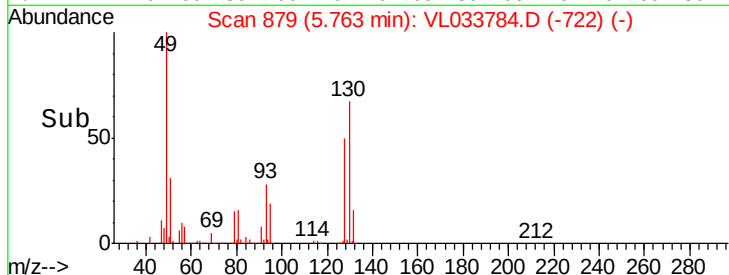
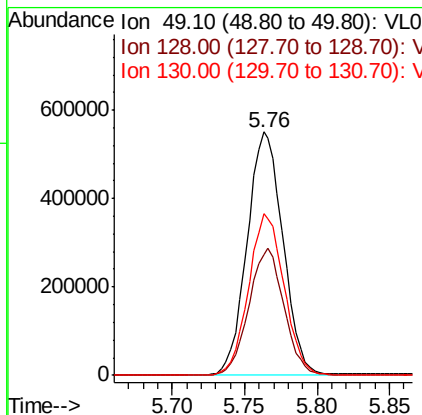
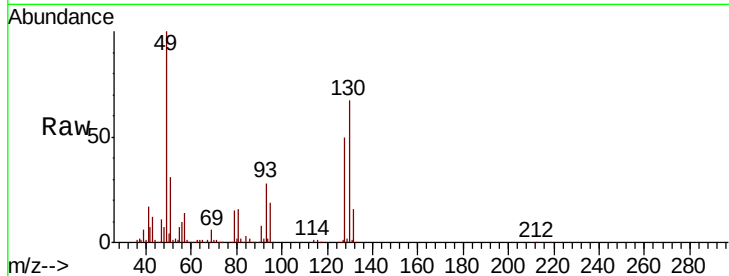
ClientSampleId :

BPS1-SG-3008-55

Tot Ion:	49	Resp:	947023
Ion	Ratio	Lower	Upper
49	100		
128	51.3	25.2	75.6
130	66.4	32.5	97.5

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#2

Dichlorodifluoromethane

Concen: 0.160 ppbv

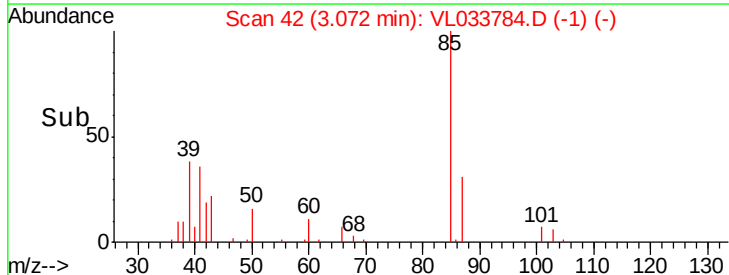
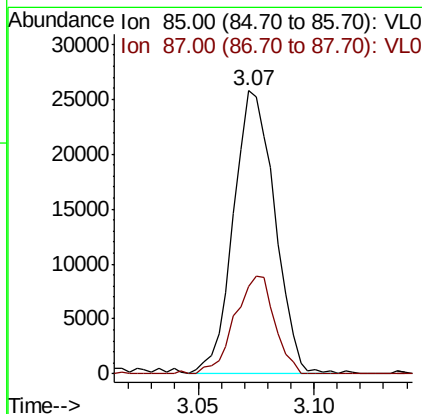
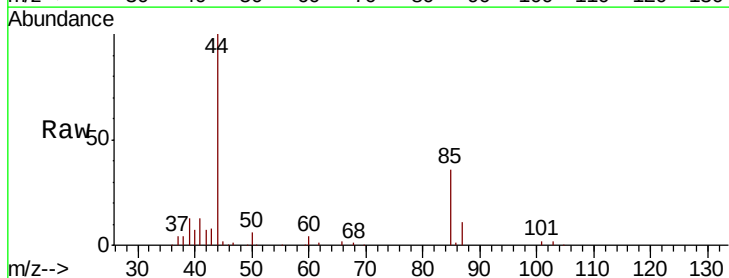
RT: 3.07 min Scan# 42

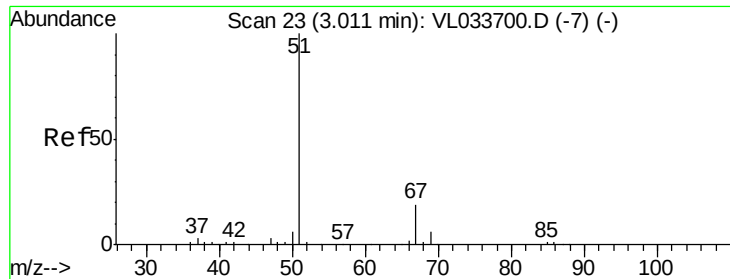
Delta R.T. -0.00 min

Lab File: VL033784.D

Acq: 23 May 2019 22:05

Tgt Ion:	85	Resp:	31927
Ion	Ratio	Lower	Upper
85	100		
87	31.2	26.3	39.5





#3

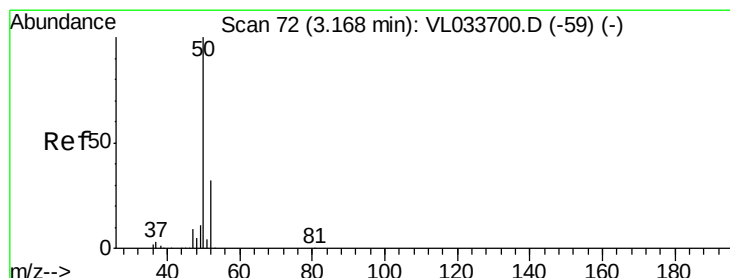
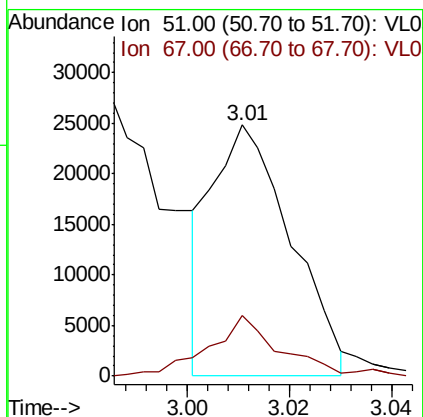
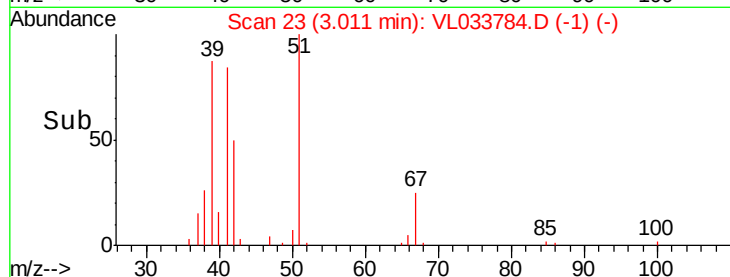
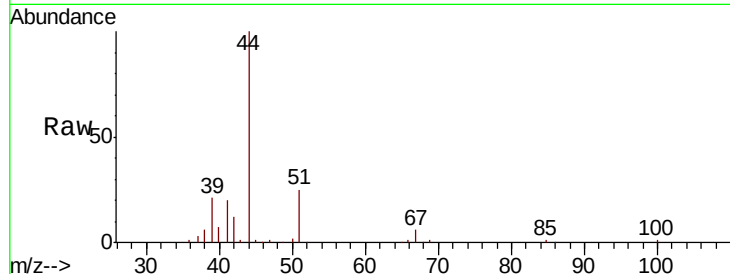
Chlorodifluoromethane
Concen: 0.246 ppbv
RT: 3.01 min Scan# 23
Delta R.T. 0.00 min
Lab File: VL033784.D
Acq: 23 May 2019 22:05

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-55

Tot Ion	Ratio	Lower	Upper
51	100		
67	22.6	15.6	23.4

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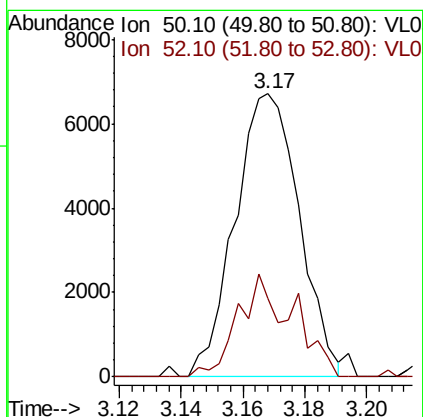
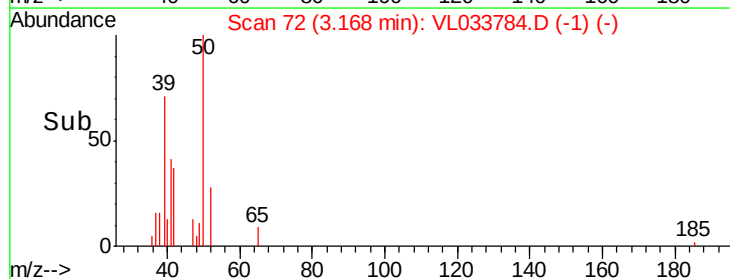
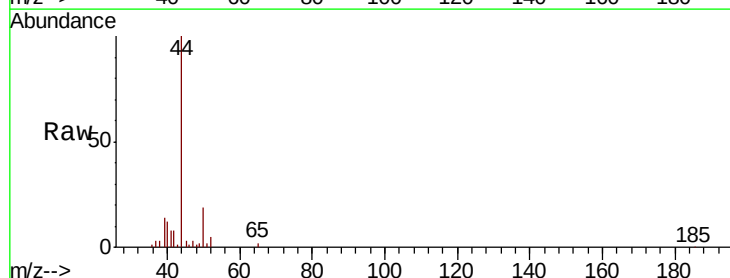
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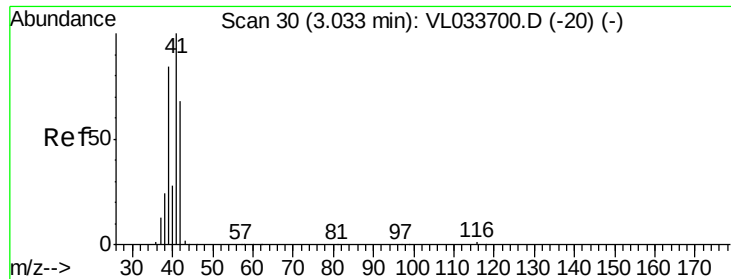


#4

Chloromethane
Concen: 0.156 ppbv
RT: 3.17 min Scan# 72
Delta R.T. 0.00 min
Lab File: VL033784.D
Acq: 23 May 2019 22:05

Tgt Ion	Ratio	Lower	Upper
50	100		
52	27.8	25.7	38.5





#9

Propene

Concen: 40.949 ppbv

RT: 3.03 min Scan# 30

Delta R.T. 0.00 min

Lab File: VL033784.D

Acq: 23 May 2019 22:05

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3008-55

Tot Ion: 41 Resp: 1889387

Ion Ratio Lower Upper

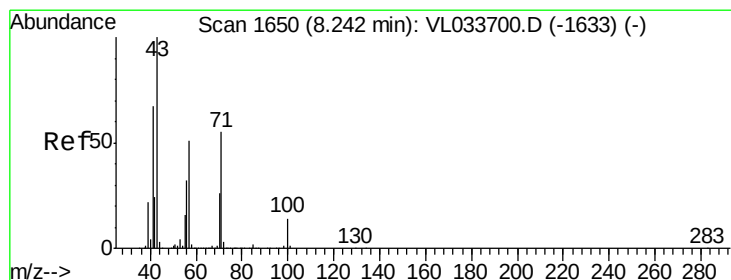
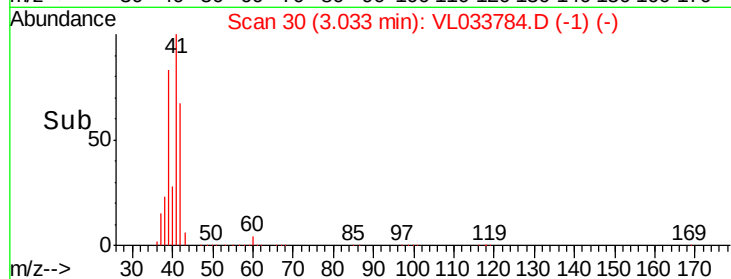
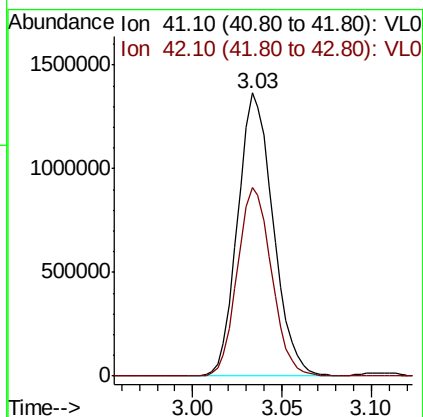
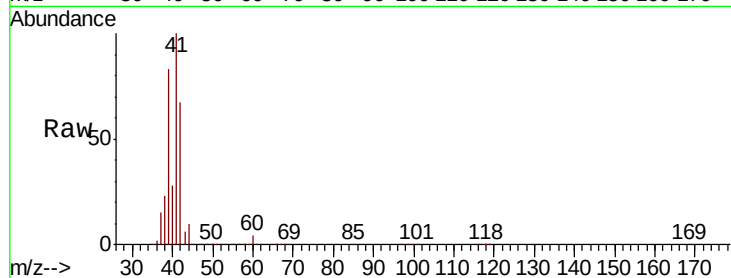
41 100

42 64.8 56.1 84.1

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#10

Heptane

Concen: 1.447 ppbv

RT: 8.24 min Scan# 1650

Delta R.T. 0.00 min

Lab File: VL033784.D

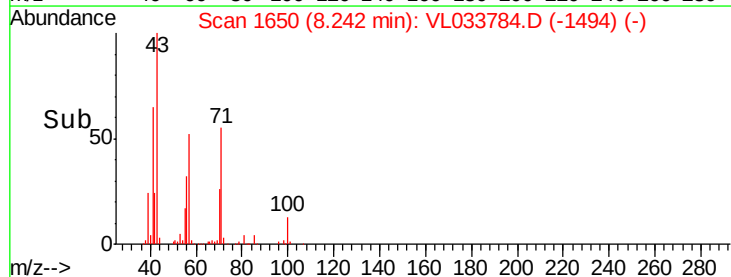
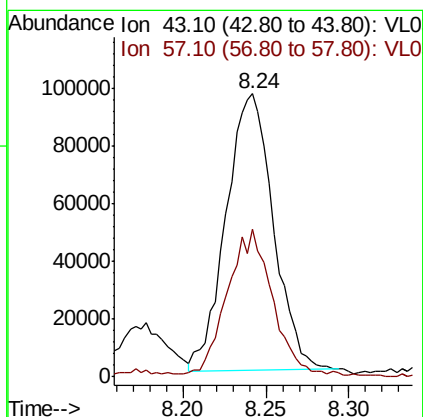
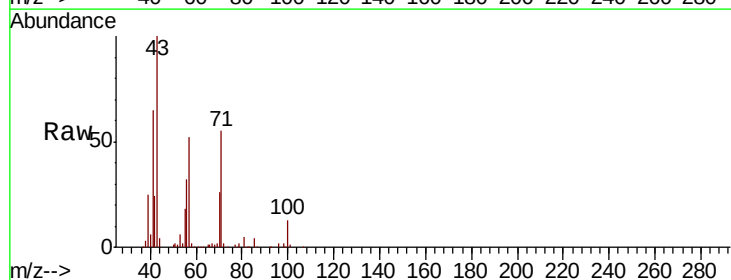
Acq: 23 May 2019 22:05

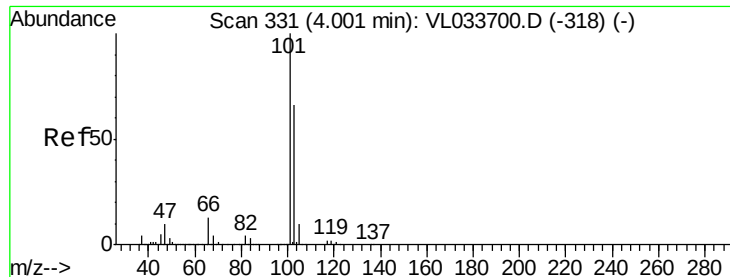
Tgt Ion: 43 Resp: 189042

Ion Ratio Lower Upper

43 100

57 52.1 41.4 62.0





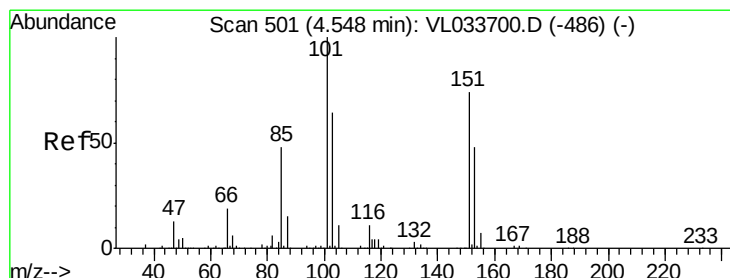
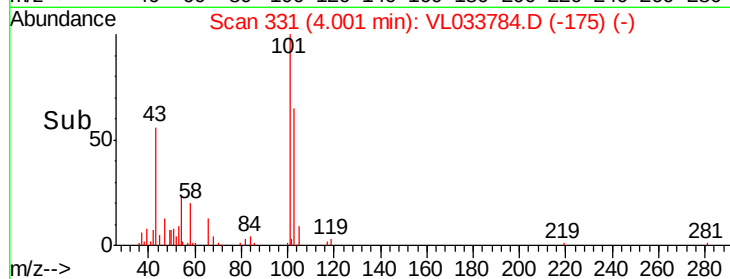
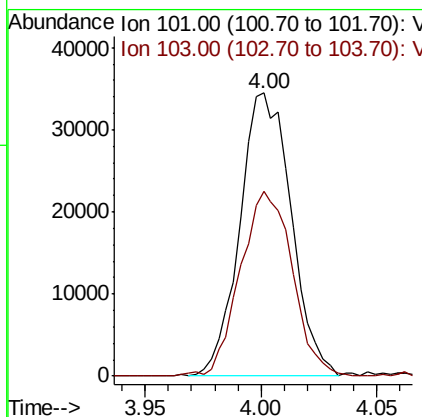
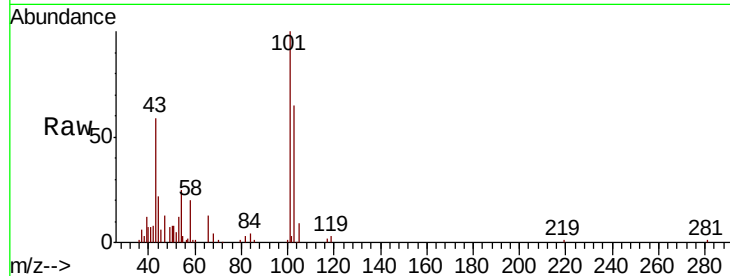
#11
 Trichlorofluoromethane
 Concen: 0.279 ppbv
 RT: 4.00 min Scan# 331
 Delta R.T. 0.00 min
 Lab File: VL033784.D
 Acq: 23 May 2019 22:05

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3008-55

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.6	78.8

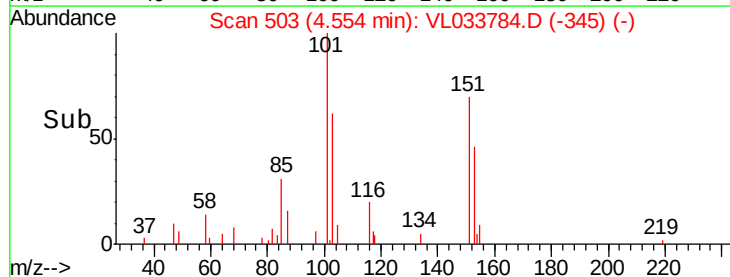
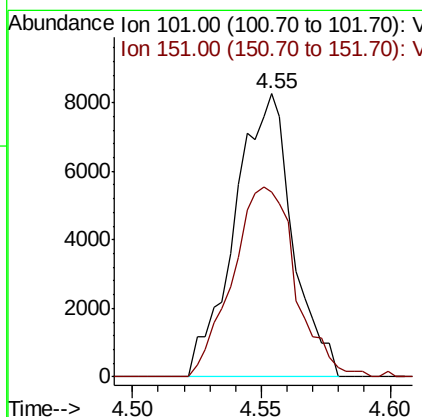
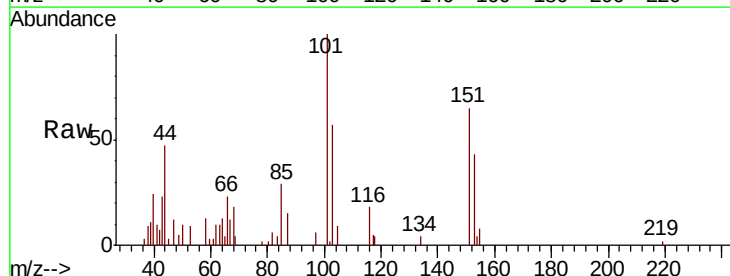
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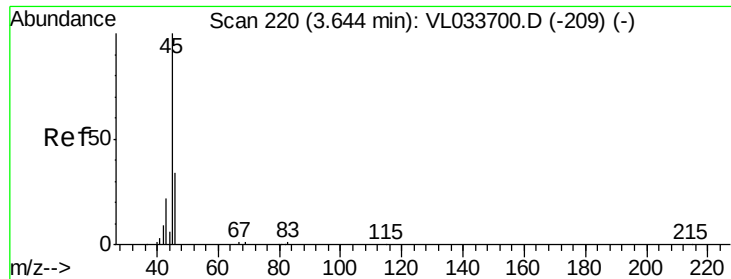
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.098 ppbv
 RT: 4.55 min Scan# 503
 Delta R.T. 0.01 min
 Lab File: VL033784.D
 Acq: 23 May 2019 22:05

Tgt Ion	Ratio	Lower	Upper
101	100		
151	73.3	58.2	87.4





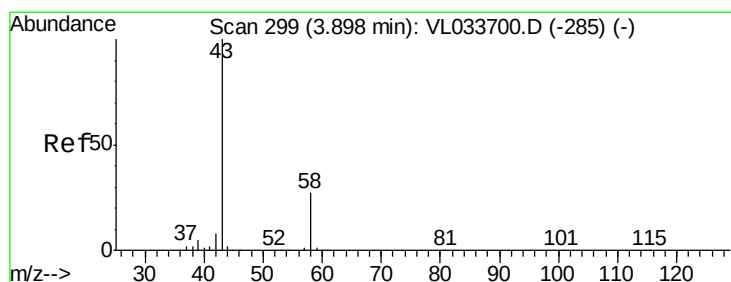
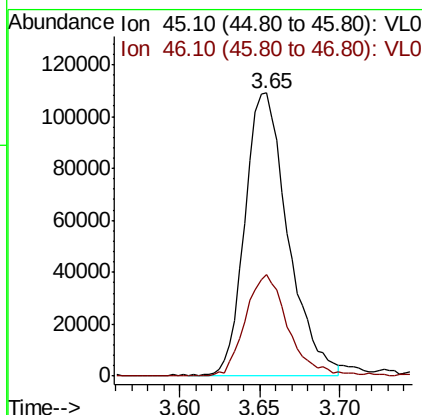
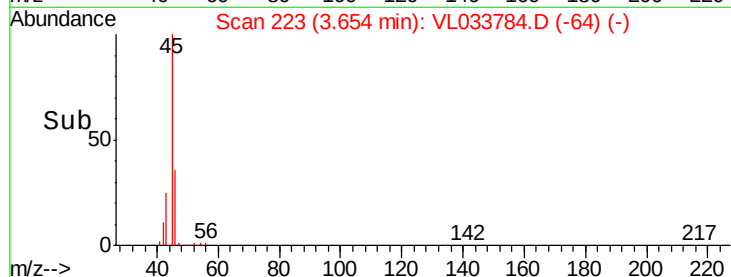
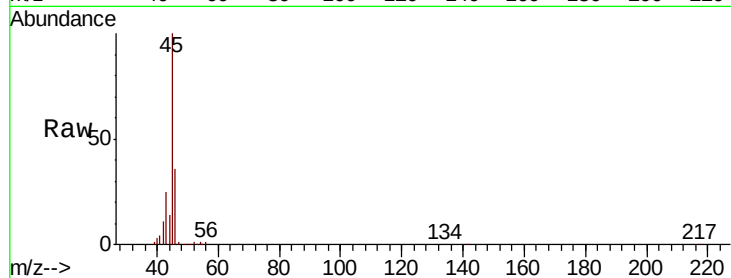
#13
Ethanol
Concen: 13.449 ppbv
RT: 3.65 min Scan# 223
Delta R.T. 0.01 min
Lab File: VL033784.D
Acq: 23 May 2019 22:05

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-55

Tot Ion: 45 Resp: 200562
Ion Ratio Lower Upper
45 100
46 36.0 14.8 59.0

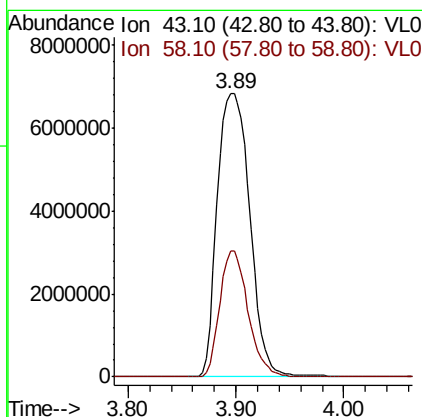
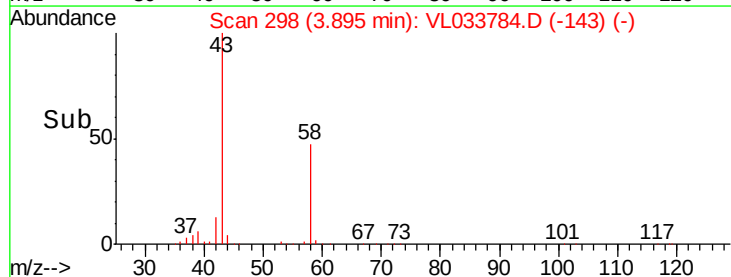
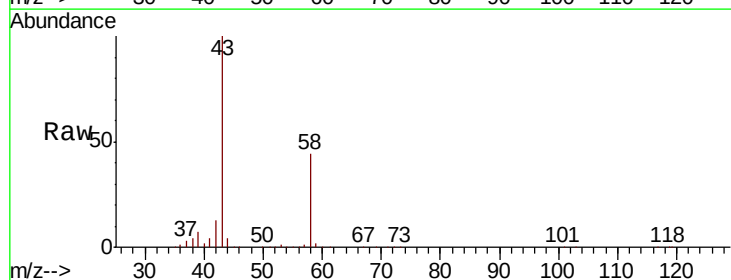
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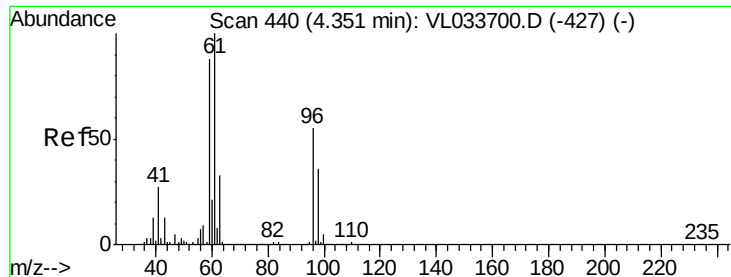
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#15
Acetone
Concen: 109.735 ppbv
RT: 3.89 min Scan# 298
Delta R.T. -0.00 min
Lab File: VL033784.D
Acq: 23 May 2019 22:05

Tgt Ion: 43 Resp: 14418526
Ion Ratio Lower Upper
43 100
58 38.8 21.3 31.9#





#17

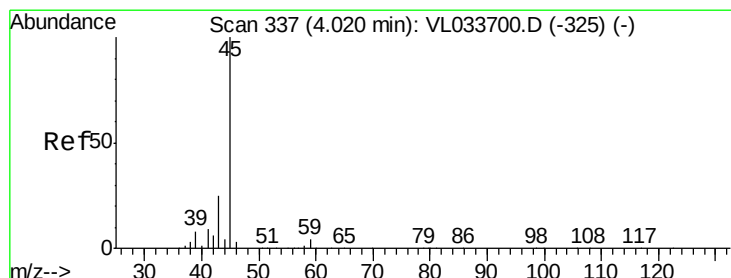
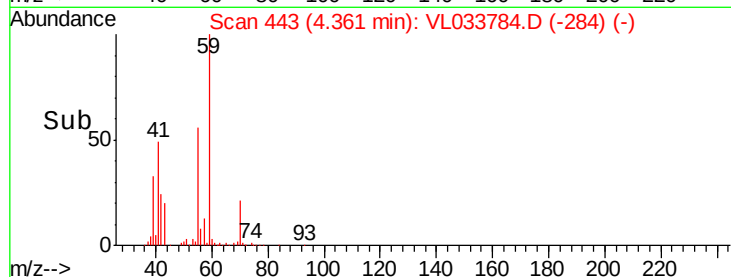
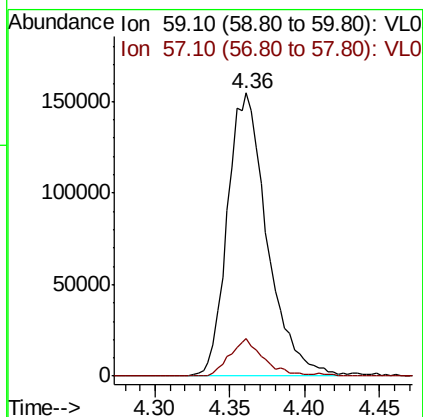
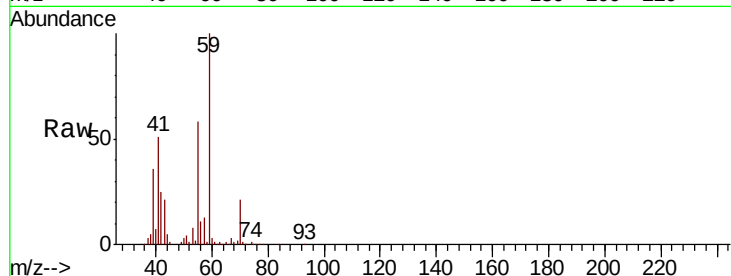
tert-Butyl alcohol
Concen: 2.683 ppbv
RT: 4.36 min Scan# 443
Delta R.T. 0.01 min
Lab File: VL033784.D
Acq: 23 May 2019 22:05

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-55

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.9	8.4	12.6

Manual Integrations
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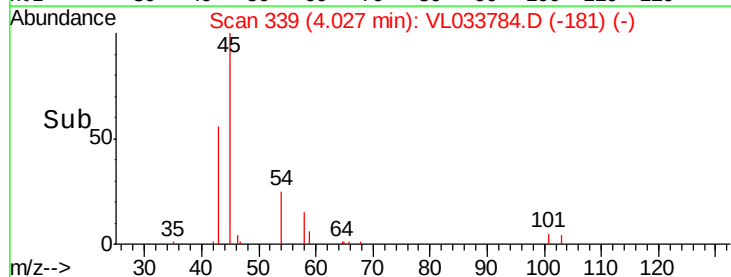
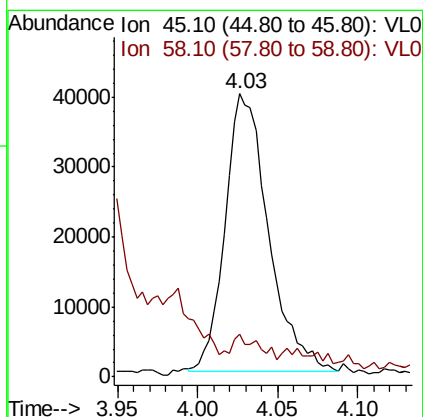
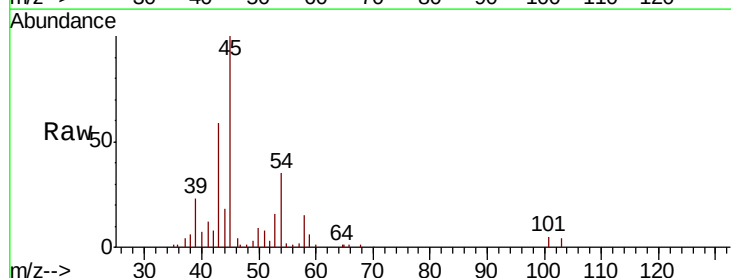
MMDadoda
5/28/2019 2:53:42 AM

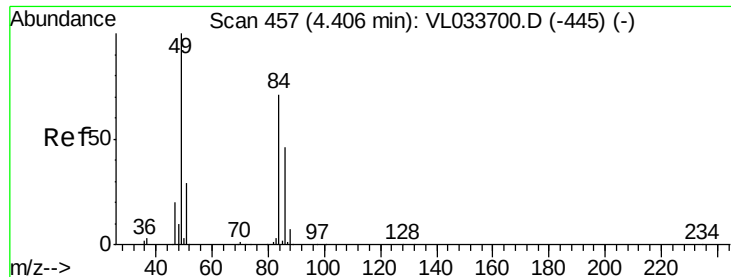


#19

Isopropyl Alcohol
Concen: 0.867 ppbv
RT: 4.03 min Scan# 339
Delta R.T. 0.01 min
Lab File: VL033784.D
Acq: 23 May 2019 22:05

Tgt Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.6	2.4#





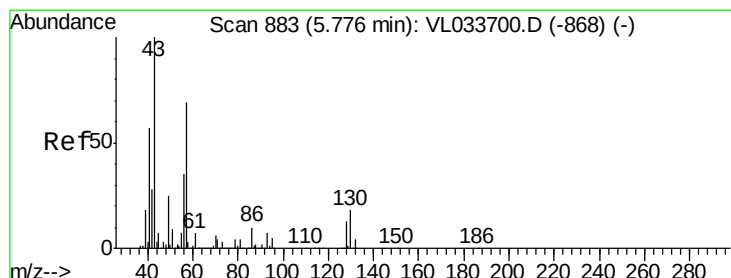
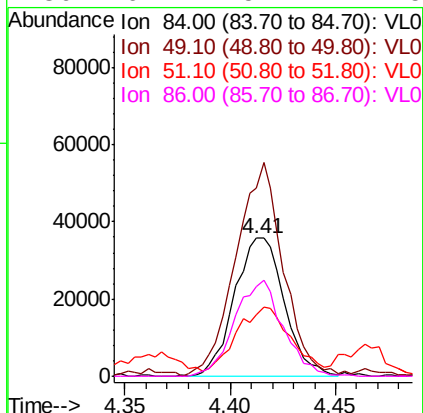
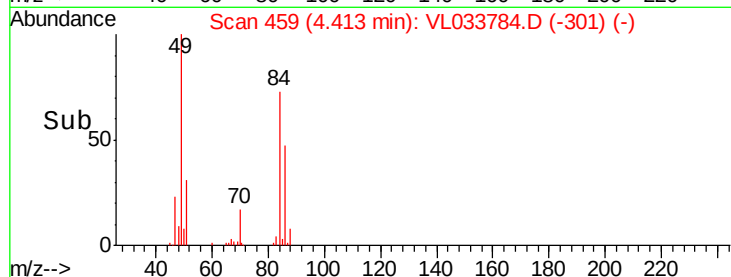
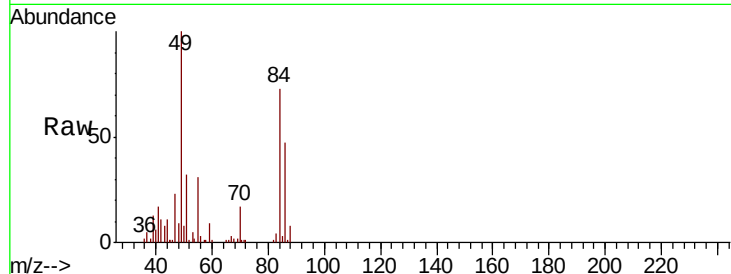
#20
Methvlene Chloride
Concen: 1.149 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.01 min
Lab File: VL033784.D
Acq: 23 May 2019 22:05

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-55

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	135.5	112.8	169.2	
51	39.2	33.4	50.0	
86	64.7	51.7	77.5	

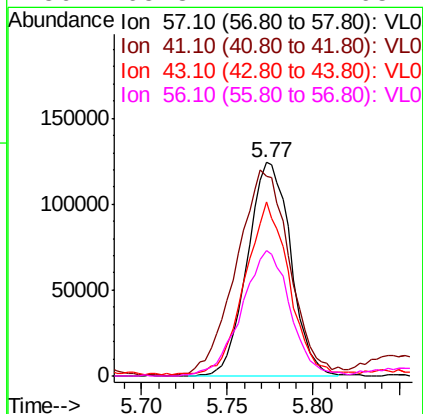
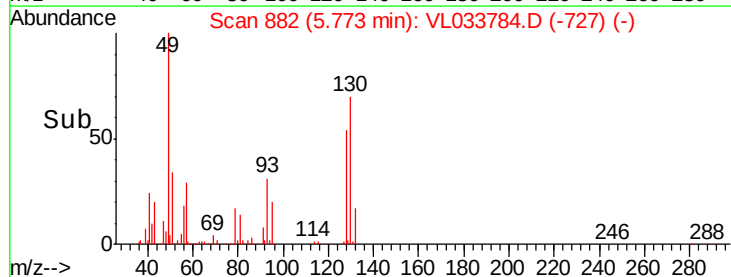
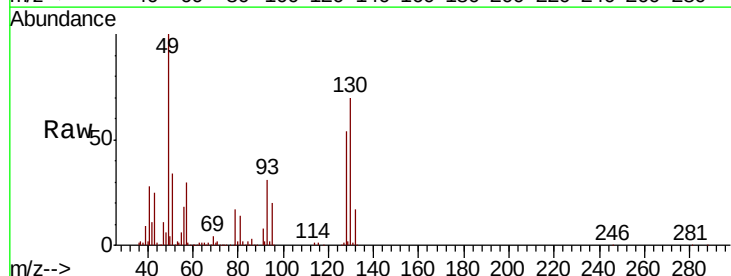
Manual Integrations
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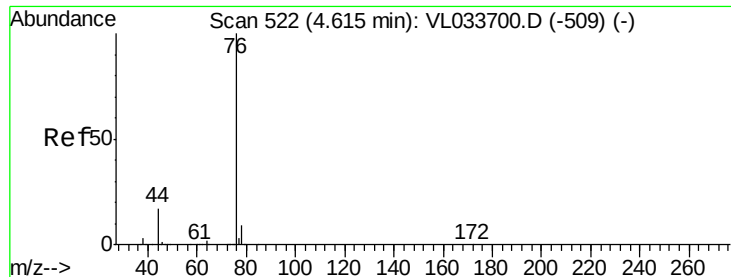
MMDadoda
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#26
Hexane
Concen: 2.185 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL033784.D
Acq: 23 May 2019 22:05

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	118.2	69.8	104.6#	
43	82.6	181.8	272.6#	
56	65.8	42.1	63.1#	





#27

Carbon Disulfide

Concen: 1.711 ppbv

RT: 4.62 min Scan# 522

Delta R.T. 0.00 min

Lab File: VL033784.D

Acq: 23 May 2019 22:05

Instrument :

MSVOA_L

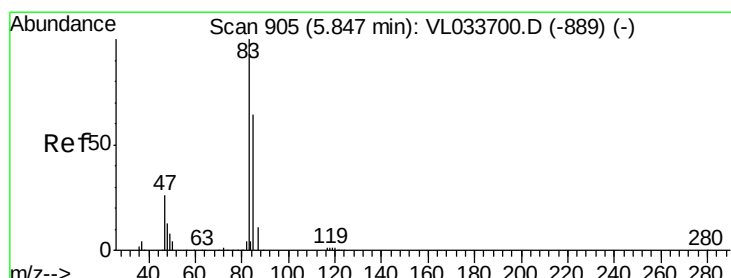
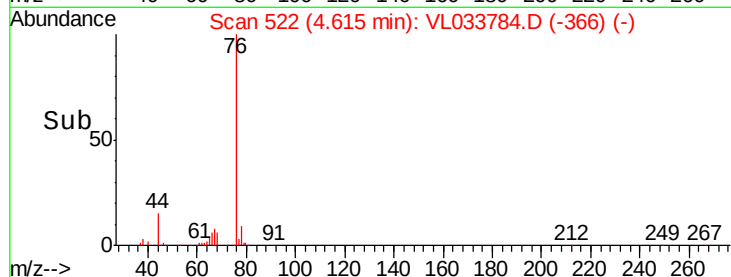
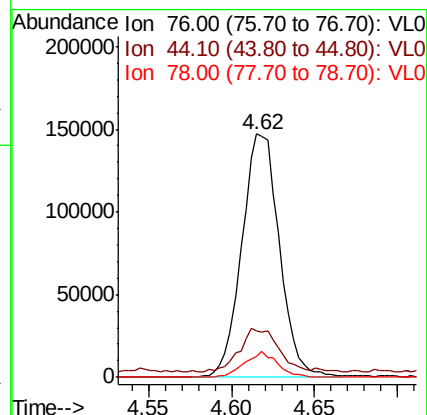
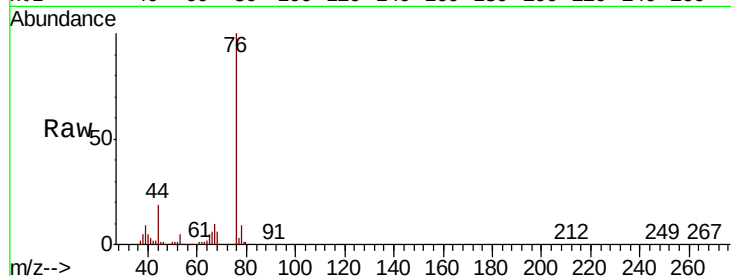
ClientSampleId :

BPS1-SG-3008-55

Tot Ion:	76	Resp:	232941
Ion Ratio	Lower	Upper	
76	100		
44	19.1	13.8	20.8
78	9.2	7.4	11.0

Manual Integrations
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#29

Chloroform

Concen: 0.361 ppbv

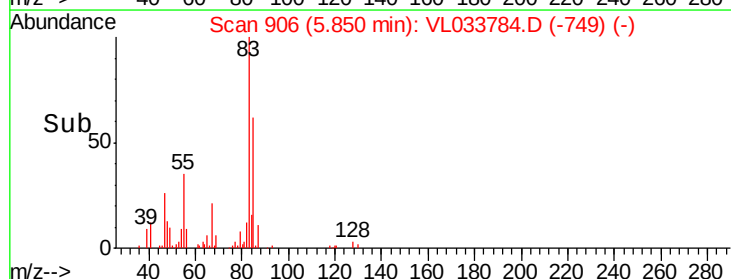
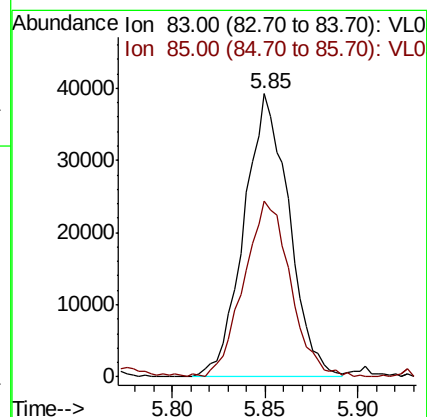
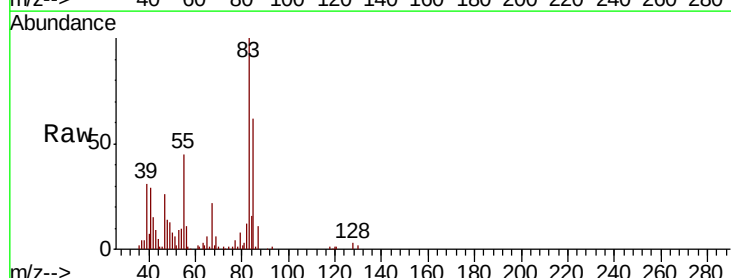
RT: 5.85 min Scan# 906

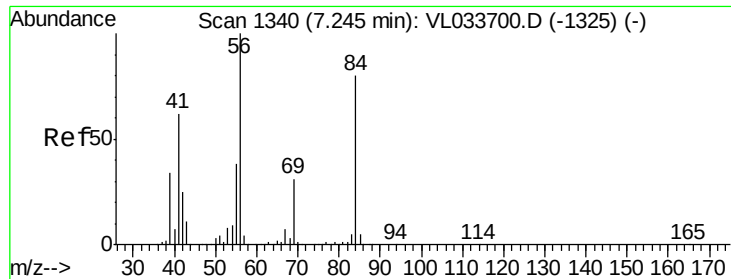
Delta R.T. 0.00 min

Lab File: VL033784.D

Acq: 23 May 2019 22:05

Tgt Ion:	83	Resp:	66065
Ion Ratio	Lower	Upper	
83	100		
85	61.6	51.5	77.3





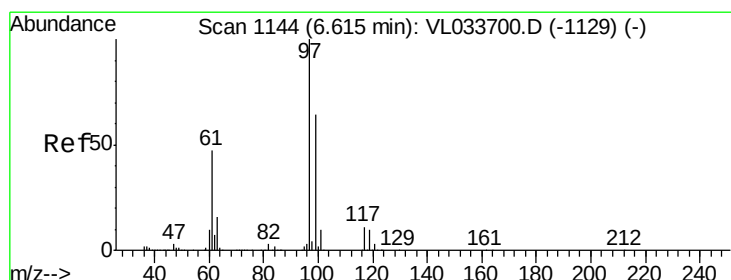
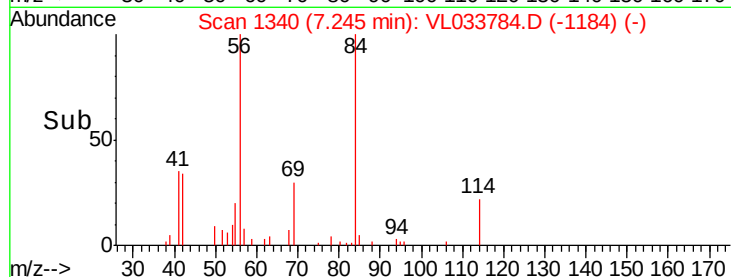
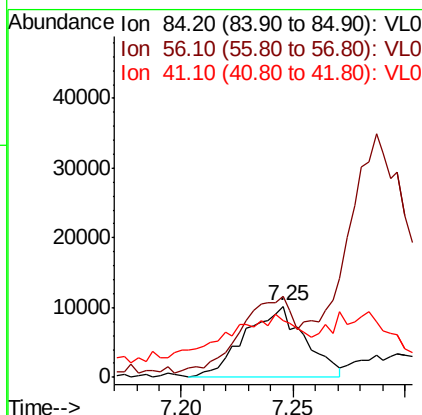
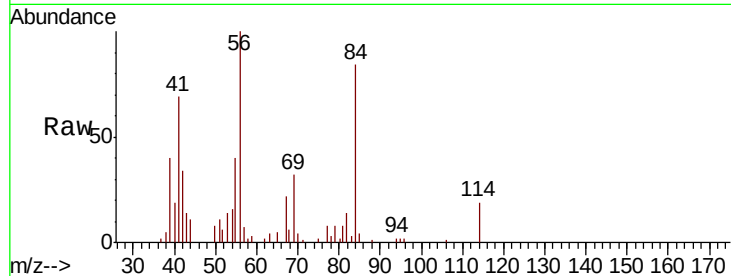
#30
Cyclohexane
Concen: 0.229 ppbv m
RT: 7.25 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VL033784.D
Acq: 23 May 2019 22:05

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-55

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	0.0	66.0	99.0#

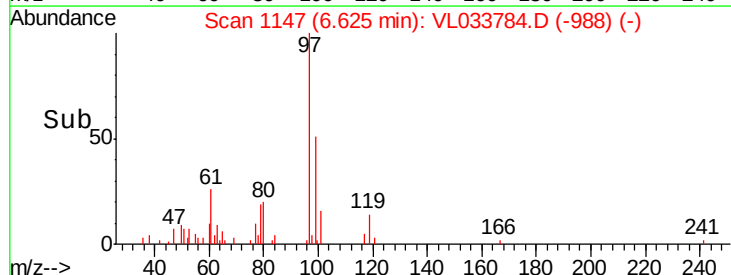
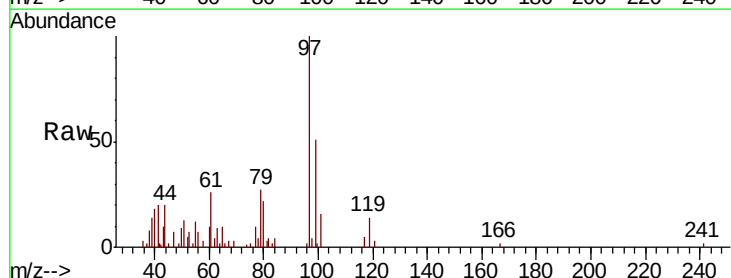
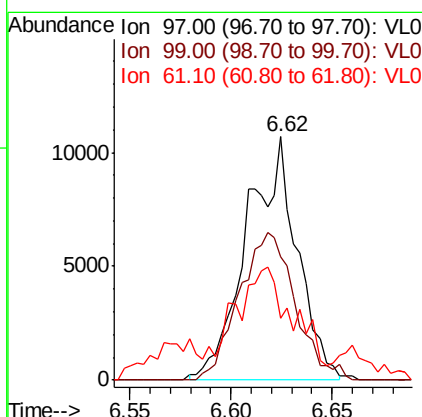
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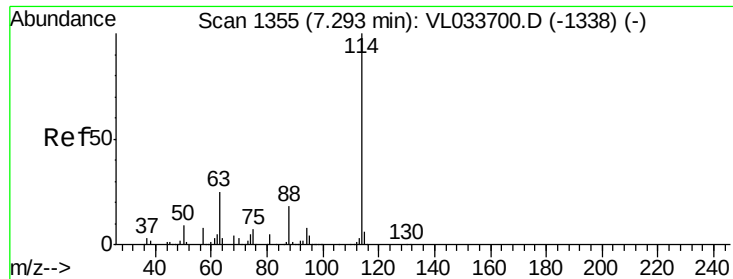
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#32
1,1,1-Trichloroethane
Concen: 0.102 ppbv m
RT: 6.62 min Scan# 1147
Delta R.T. 0.01 min
Lab File: VL033784.D
Acq: 23 May 2019 22:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.1	51.5	77.3
61	80.0	37.8	56.8#





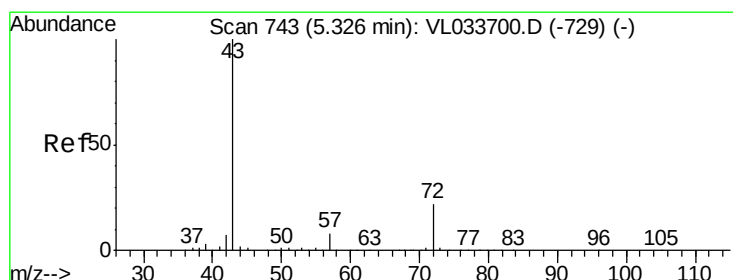
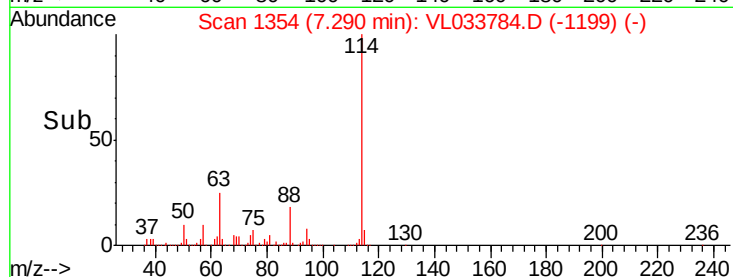
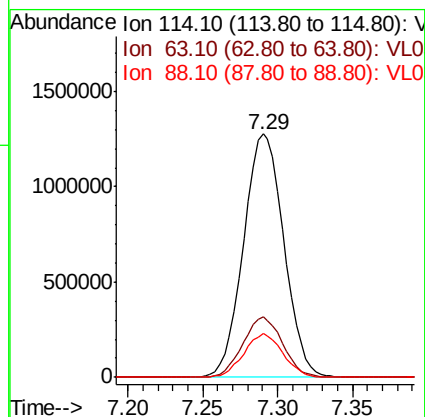
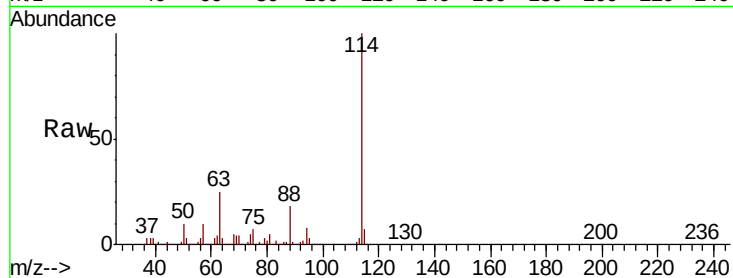
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: VL033784.D
 Acq: 23 May 2019 22:05

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3008-55

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	20.9	31.3
88	17.5	14.3	21.5

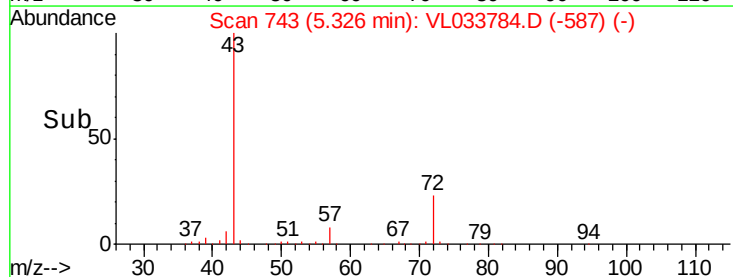
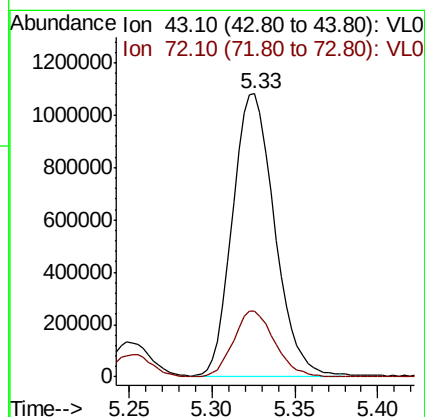
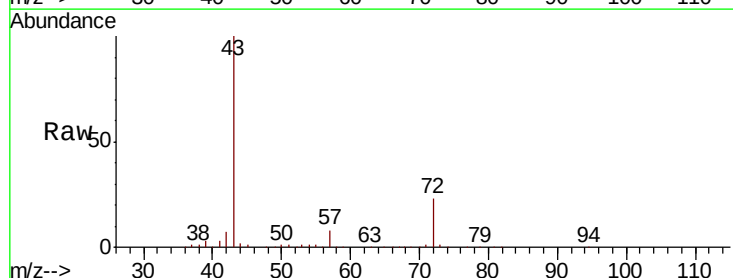
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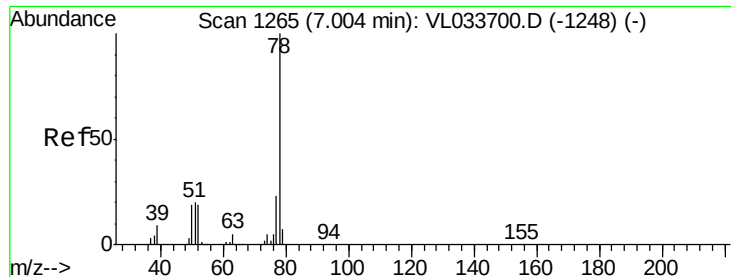
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#34
 2-Butanone
 Concen: 12.761 ppbv
 RT: 5.33 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: VL033784.D
 Acq: 23 May 2019 22:05

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.8	17.8	26.6





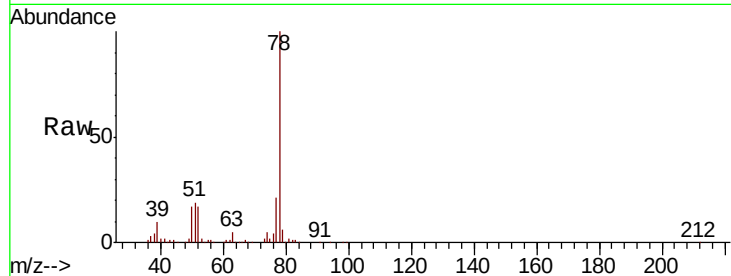
#36
Benzene
Concen: 1.161 ppbv
RT: 7.00 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VL033784.D
Acq: 23 May 2019 22:05

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-55

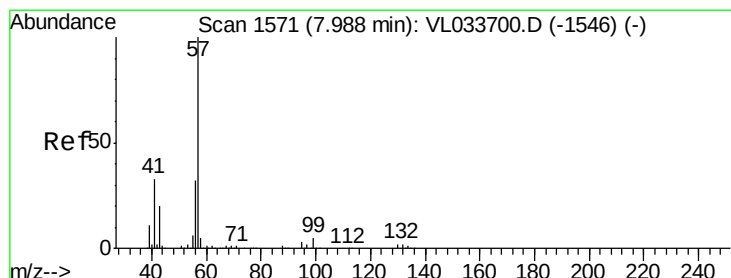
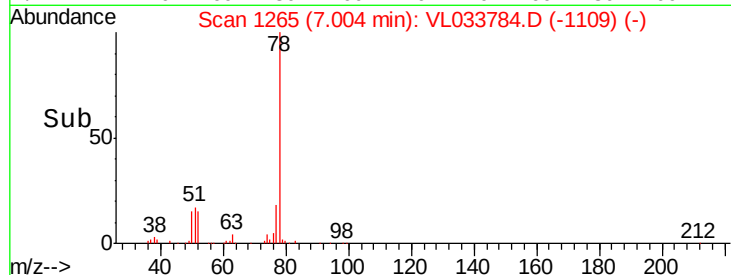
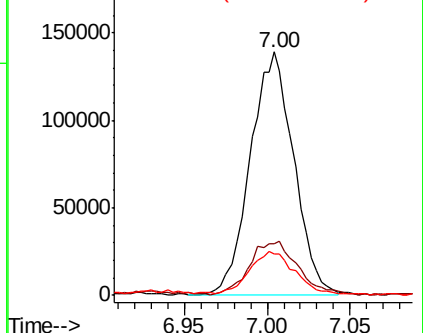
Tot Ion	Ratio	Lower	Upper
78	100		
77	20.2	18.4	27.6
50	16.3	15.5	23.3

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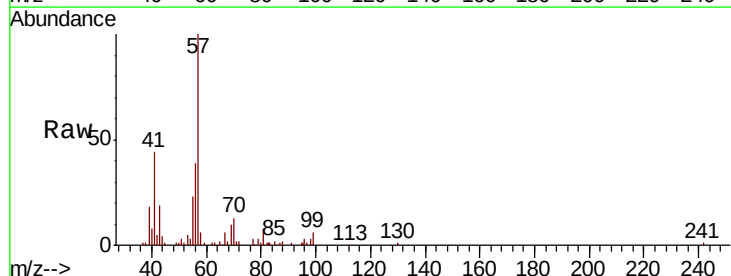


Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0

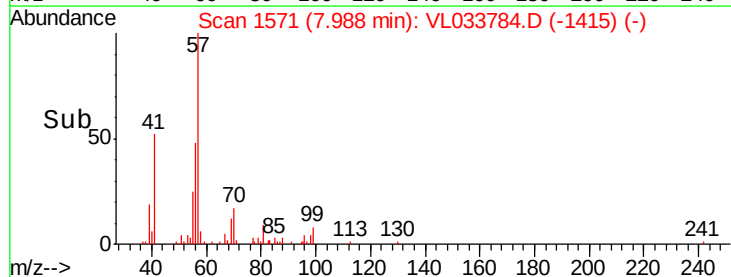
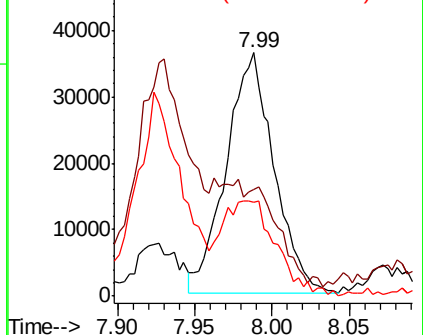


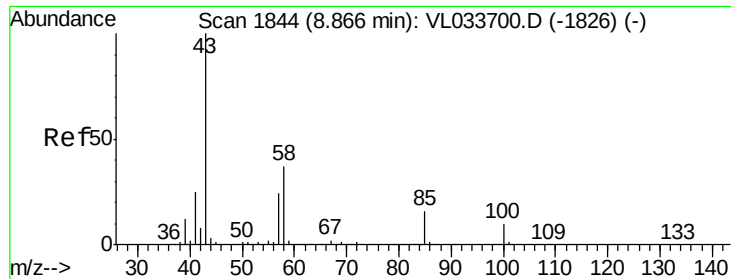
#44
2,2,4-Trimethylpentane
Concen: 0.210 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VL033784.D
Acq: 23 May 2019 22:05

Tgt Ion	Ratio	Lower	Upper
57	100		
41	0.0	25.4	38.0#
56	47.7	24.7	37.1#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





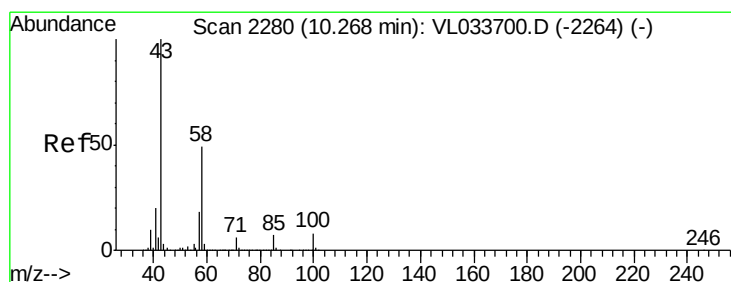
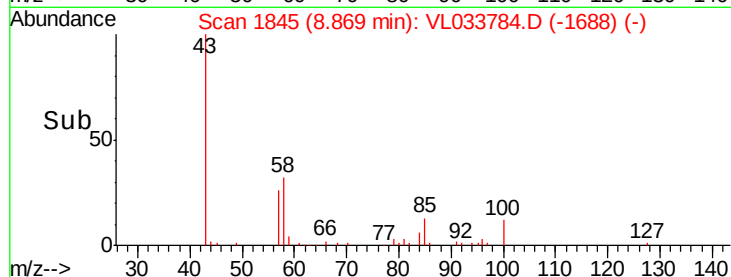
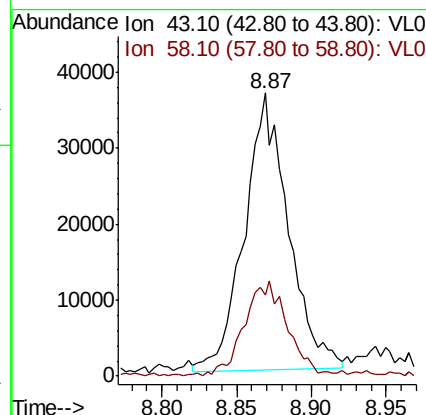
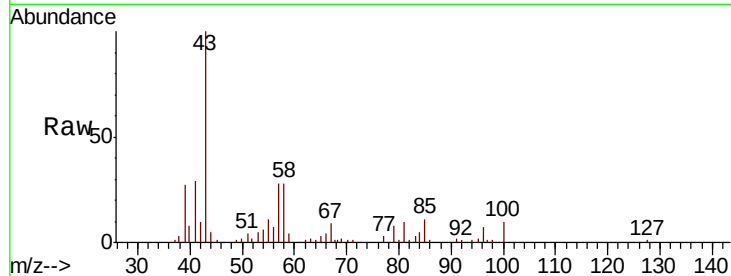
#50
4-Methyl-2-Pentanone
Concen: 0.326 ppbv
RT: 8.87 min Scan# 1845
Delta R.T. 0.00 min
Lab File: VL033784.D
Acq: 23 May 2019 22:05

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-55

Tot Ion	43	Resp	74489
Ion Ratio	Lower	Upper	
43	100		
58	35.6	28.6	43.0

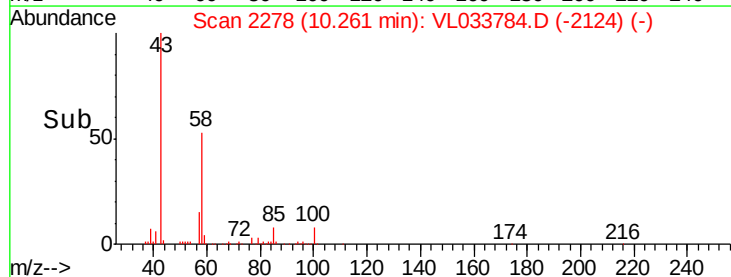
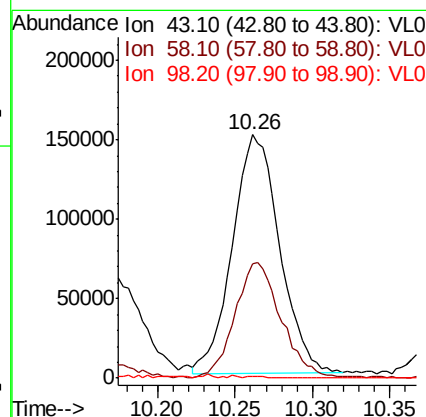
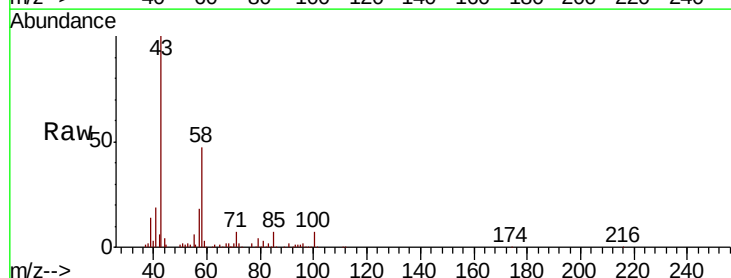
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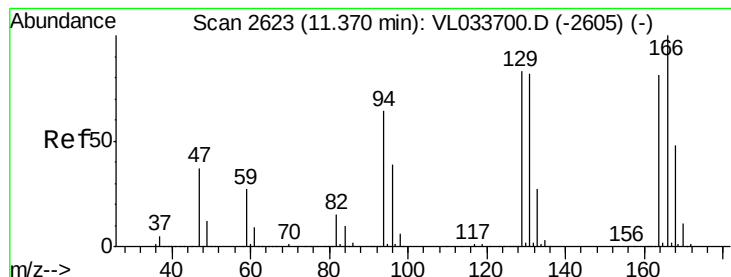
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#51
2-Hexanone
Concen: 1.783 ppbv
RT: 10.26 min Scan# 2278
Delta R.T. -0.01 min
Lab File: VL033784.D
Acq: 23 May 2019 22:05

Tgt Ion	43	Resp	318197
Ion Ratio	Lower	Upper	
43	100		
58	47.2	38.7	58.1
98	0.6	0.2	0.4#





#52

Tetrachloroethene

Concen: 0.528 ppbv

RT: 11.36 min Scan# 2621

Delta R.T. -0.01 min

Lab File: VL033784.D

Acq: 23 May 2019 22:05

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3008-55

Tot Ion:164 Resp: 40510

Ion Ratio Lower Upper

164 100

166 125.7 98.9 148.3

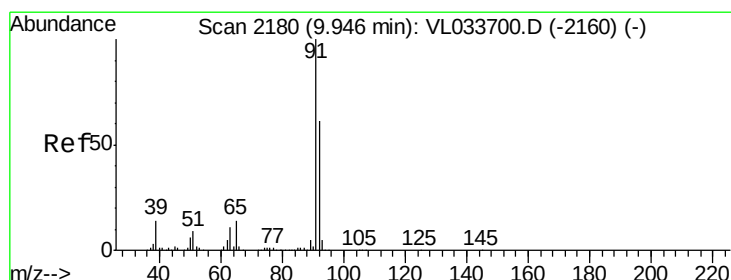
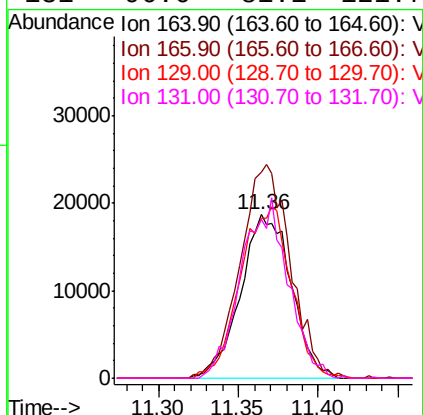
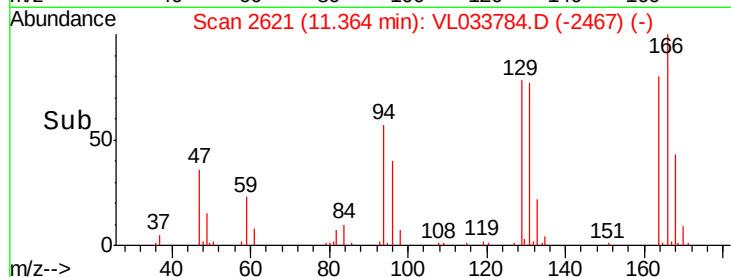
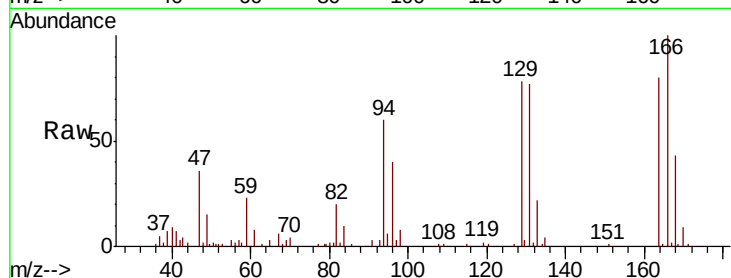
129 102.2 81.8 122.6

131 96.6 81.1 121.7

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#53

Toluene

Concen: 8.866 ppbv

RT: 9.94 min Scan# 2178

Delta R.T. -0.01 min

Lab File: VL033784.D

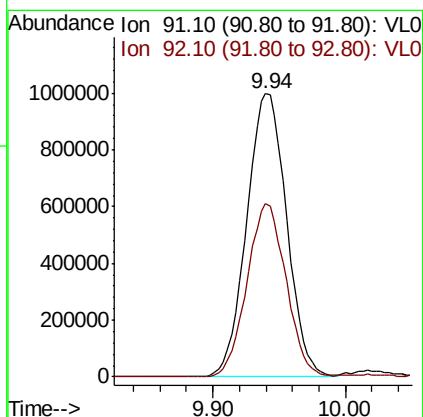
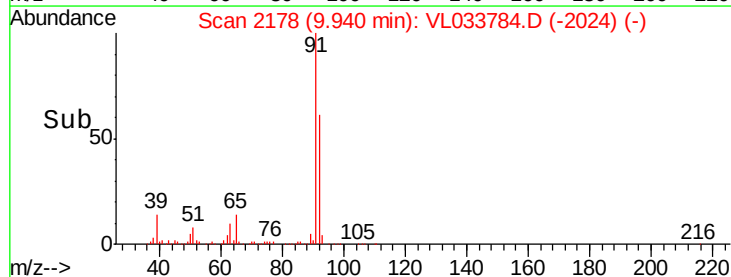
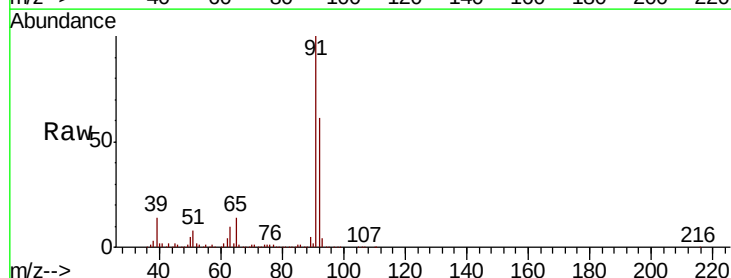
Acq: 23 May 2019 22:05

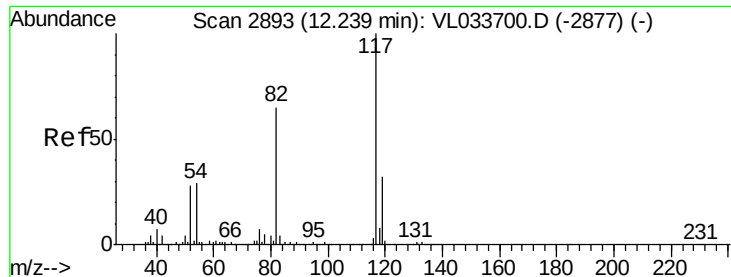
Tgt Ion: 91 Resp: 2085621

Ion Ratio Lower Upper

91 100

92 59.9 47.6 71.4





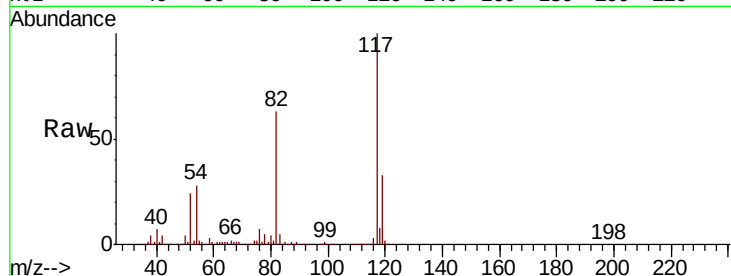
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033784.D
Acq: 23 May 2019 22:05

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-55

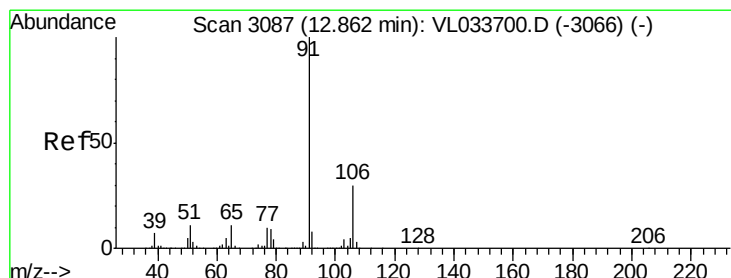
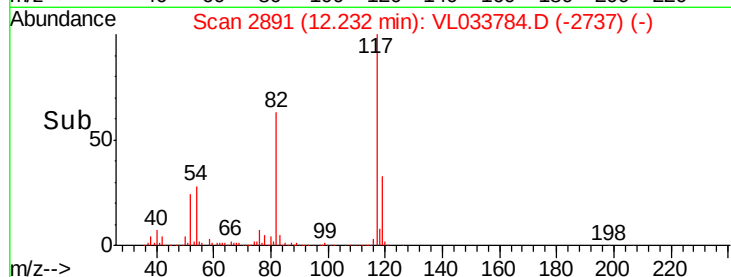
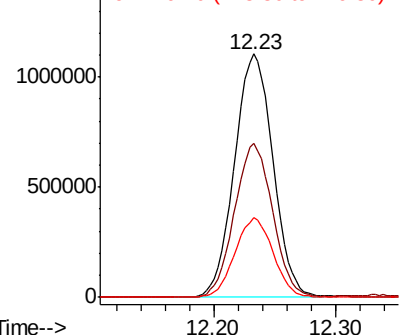
Tot Ion	Ratio	Lower	Upper
117	100		
82	62.5	49.4	74.0
119	32.7	24.9	37.3

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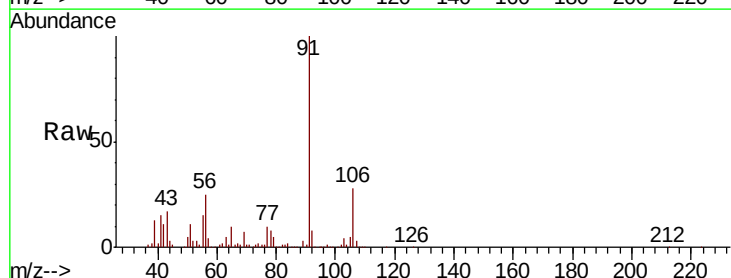


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

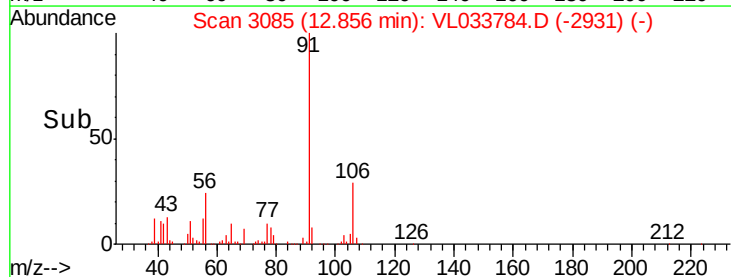
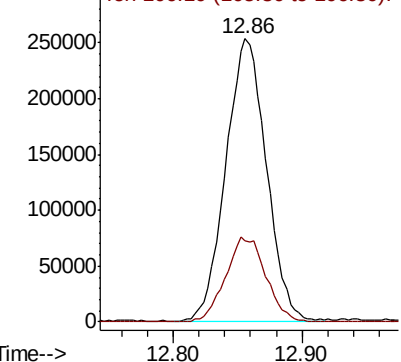


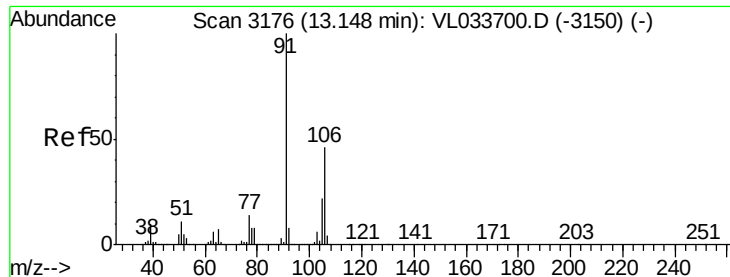
#58
Ethyl Benzene
Concen: 1.732 ppbv
RT: 12.86 min Scan# 3085
Delta R.T. -0.01 min
Lab File: VL033784.D
Acq: 23 May 2019 22:05

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.5	23.9	35.9



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 6.454 ppbv

RT: 13.11 min Scan# 3165

Delta R.T. -0.04 min

Lab File: VL033784.D

Acq: 23 May 2019 22:05

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3008-55

Tot Ion: 91 Resp: 1799857

Ion Ratio Lower Upper

91 100

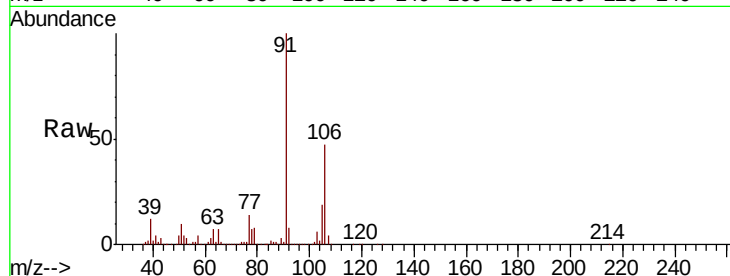
106 46.0 35.8 53.6

Manual Integrations

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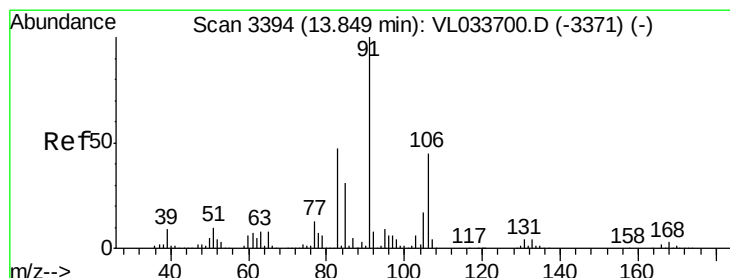
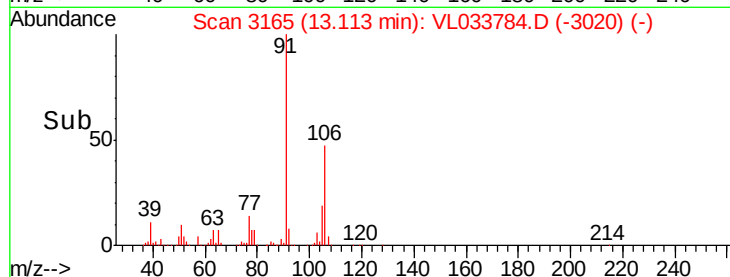
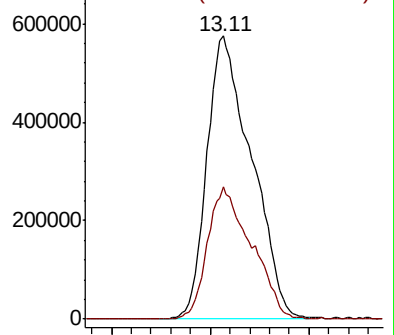
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 2.148 ppbv

RT: 13.84 min Scan# 3391

Delta R.T. -0.01 min

Lab File: VL033784.D

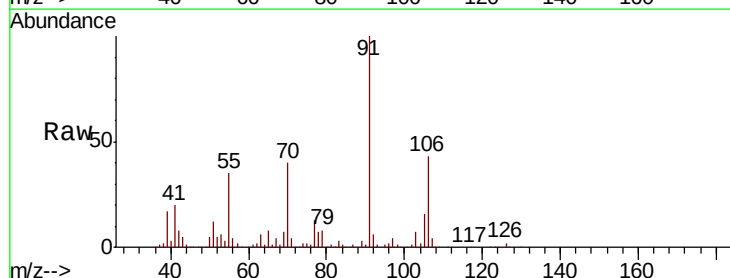
Acq: 23 May 2019 22:05

Tgt Ion: 91 Resp: 603746

Ion Ratio Lower Upper

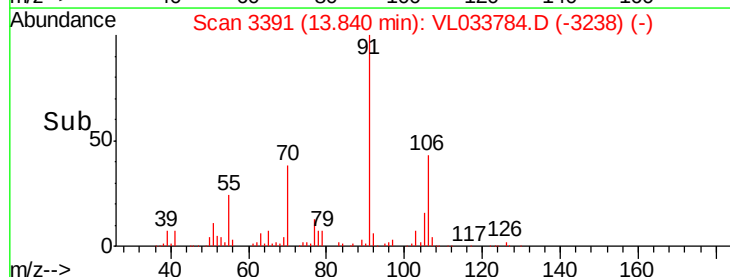
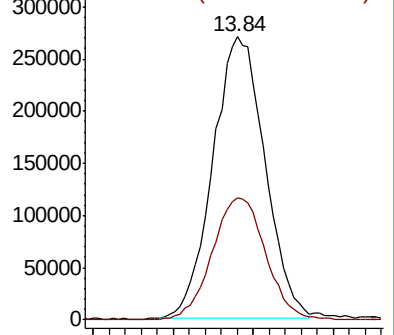
91 100

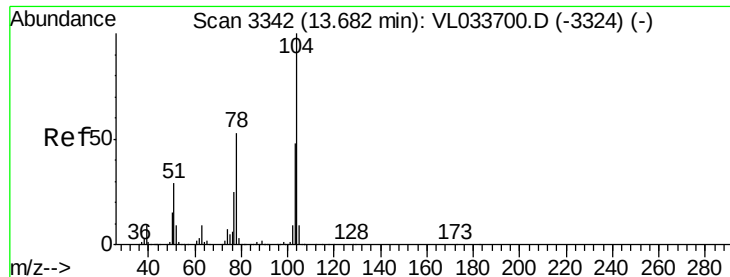
106 44.9 21.6 64.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#61

Stvrene

Concen: 0.123 ppbv

RT: 13.68 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VL033784.D

Acq: 23 May 2019 22:05

Instrument :

MSVOA_L

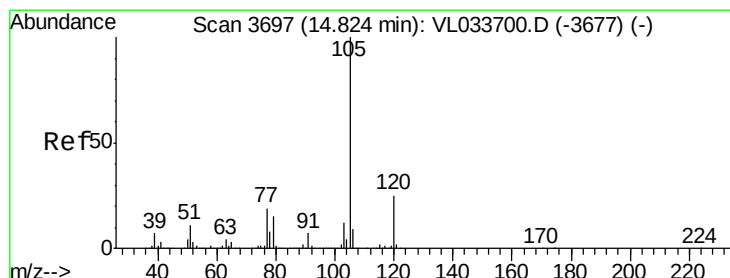
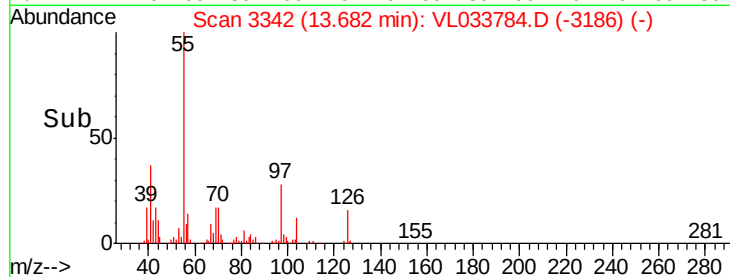
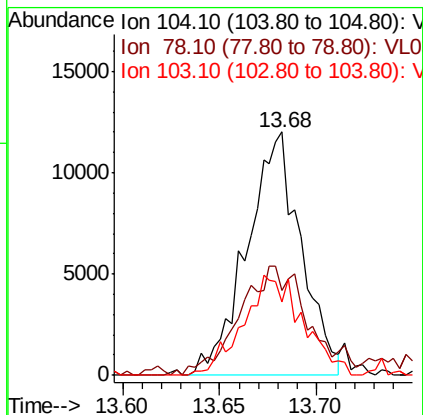
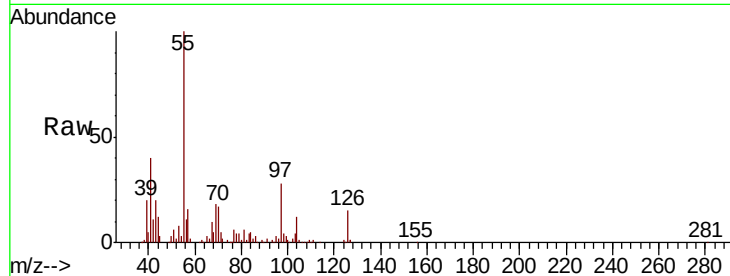
ClientSampleId :

BPS1-SG-3008-55

Tot Ion:	104	Resp:	23257
Ion Ratio	Lower	Upper	
104	100		
78	65.0	42.6	64.0#
103	45.5	37.8	56.6

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#62

Isopropylbenzene

Concen: 0.109 ppbv m

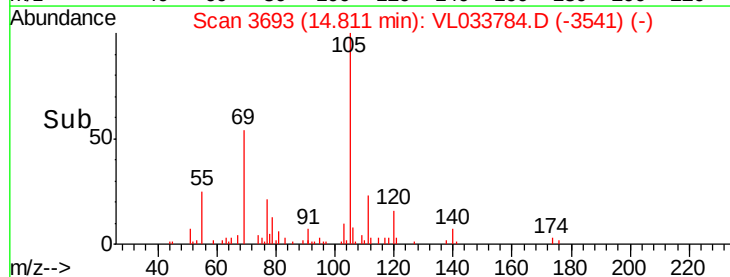
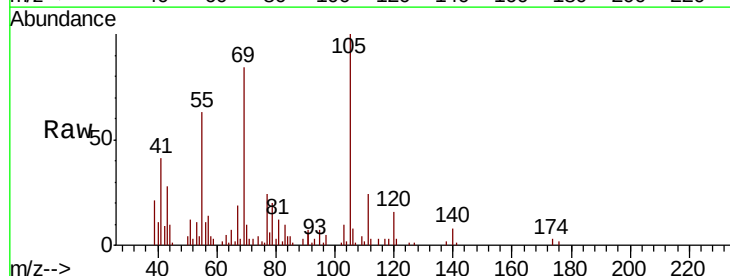
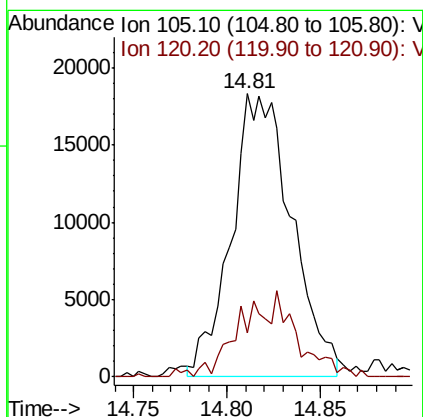
RT: 14.81 min Scan# 3693

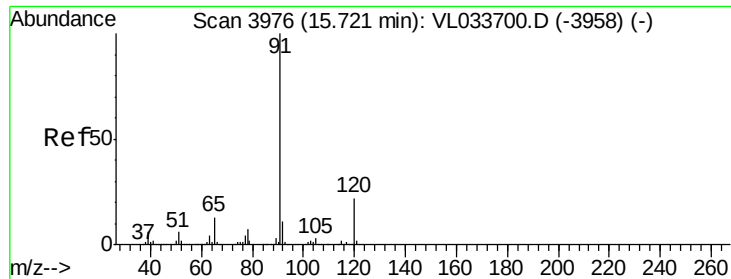
Delta R.T. -0.01 min

Lab File: VL033784.D

Acq: 23 May 2019 22:05

Tgt Ion:	105	Resp:	41261
Ion Ratio	Lower	Upper	
105	100		
120	0.0	20.1	30.1#





#64

n-propylbenzene

Concen: 0.457 ppbv m

RT: 15.72 min Scan# 3976

Delta R.T. 0.00 min

Lab File: VL033784.D

Acq: 23 May 2019 22:05

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3008-55

Tot Ion:120 Resp: 44738

Ion Ratio Lower Upper

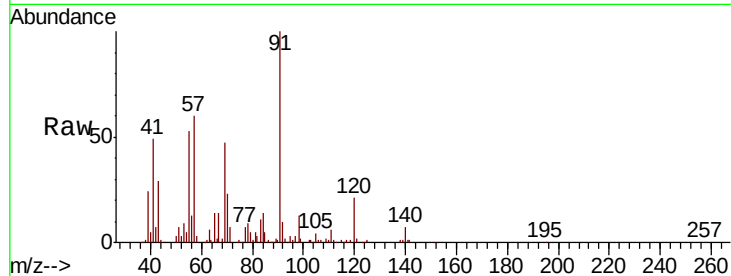
120 100

91 0.0 379.1 568.7#

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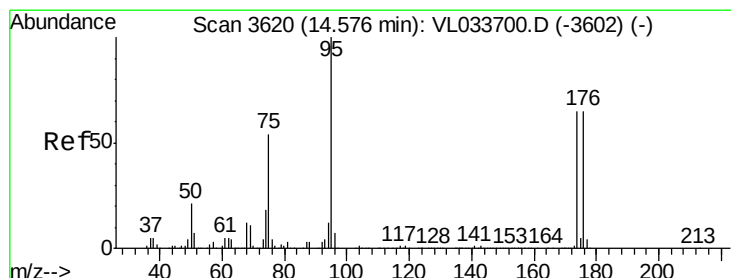
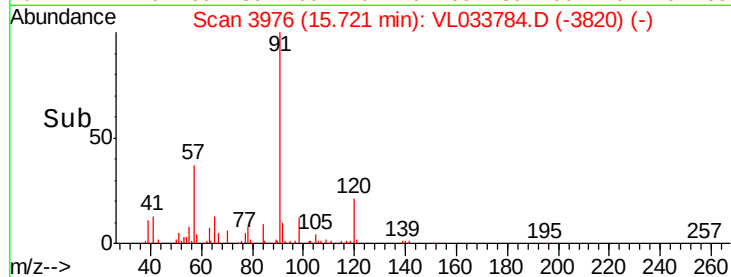
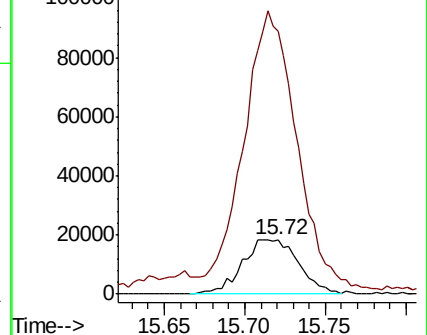
MMDadoda

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Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#68

1-Bromo-4-Fluorobenzene

Concen: 9.696 ppbv

RT: 14.57 min Scan# 3618

Delta R.T. -0.01 min

Lab File: VL033784.D

Acq: 23 May 2019 22:05

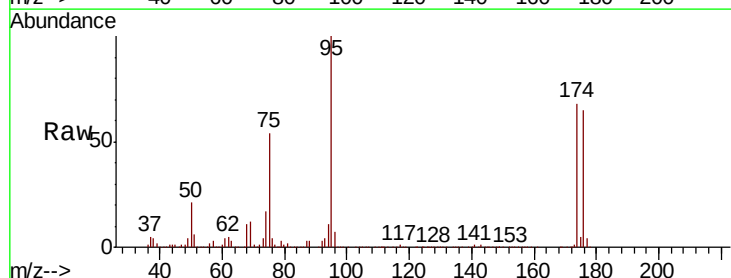
Tgt Ion: 95 Resp: 1893730

Ion Ratio Lower Upper

95 100

174 70.2 53.9 80.9

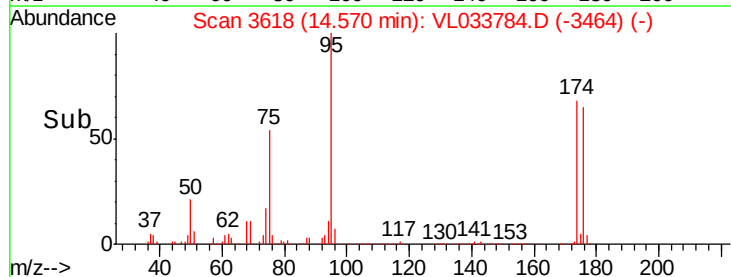
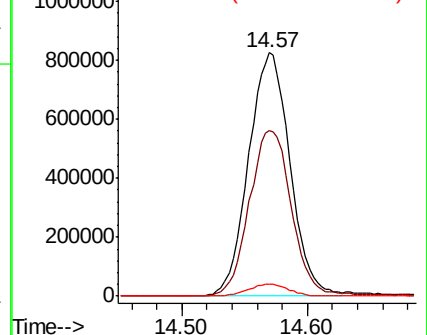
175 5.0 3.8 5.8

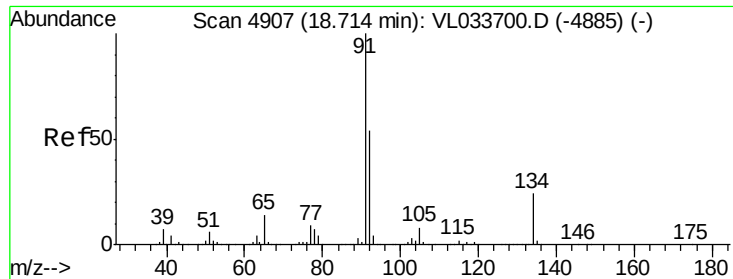


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#70

n-Butylbenzene

Concen: 0.413 ppbv m

RT: 18.74 min Scan# 4914

Delta R.T. 0.02 min

Lab File: VL033784.D

Acq: 23 May 2019 22:05

Instrument :

MSVOA_L

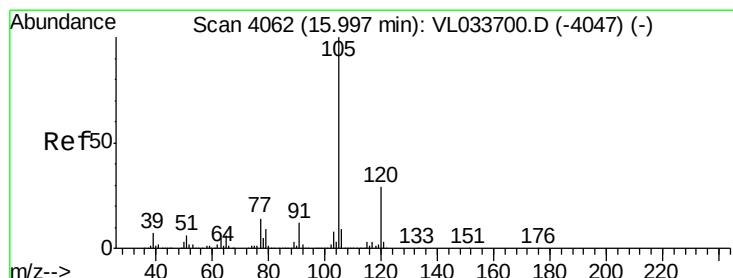
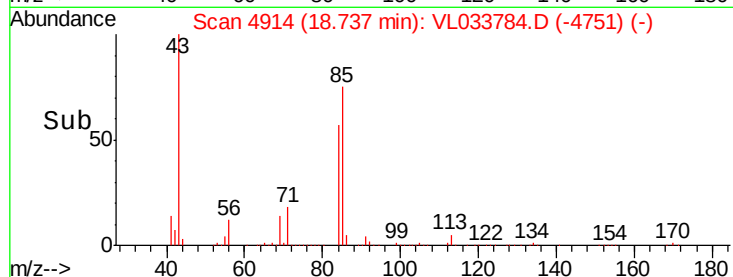
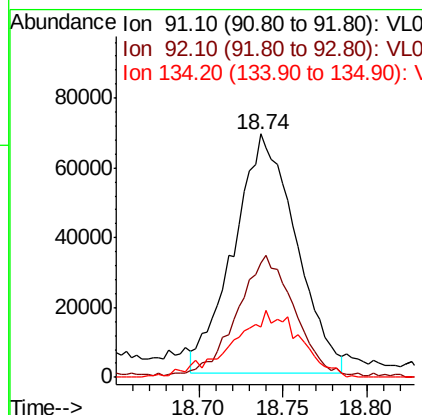
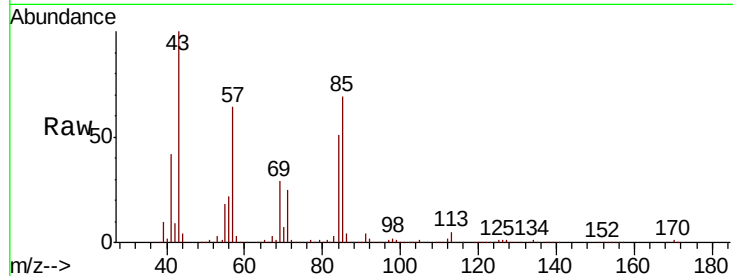
ClientSampleId :

BPS1-SG-3008-55

Tot Ion:	91	Resp:	177236
Ion	Ratio	Lower	Upper
91	100		
92	47.1	42.6	63.8
134	30.1	18.1	27.1#

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#72

4-Ethyltoluene

Concen: 0.691 ppbv

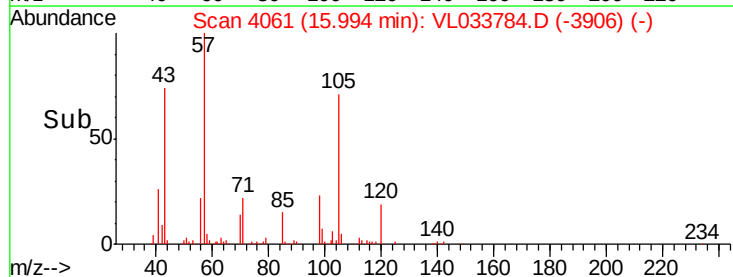
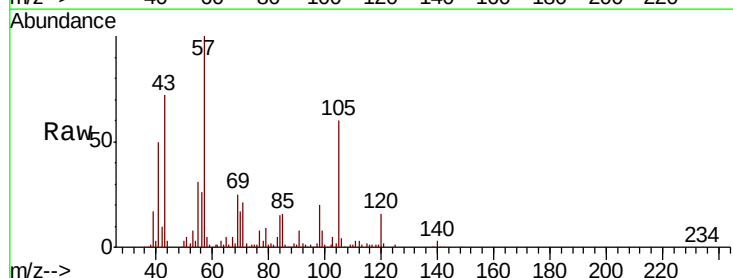
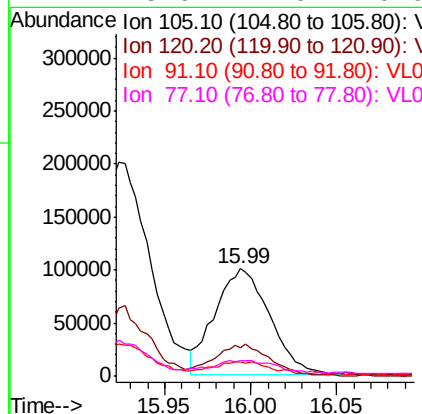
RT: 15.99 min Scan# 4061

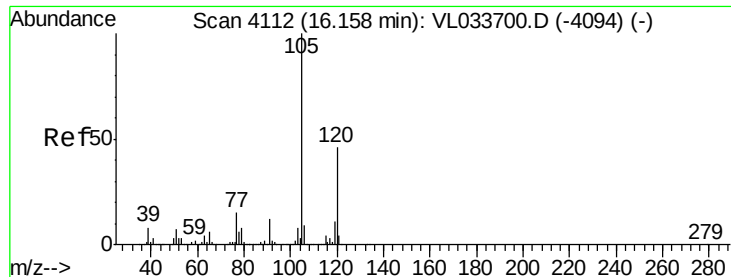
Delta R.T. -0.00 min

Lab File: VL033784.D

Acq: 23 May 2019 22:05

Tgt Ion:	105	Resp:	222120
Ion	Ratio	Lower	Upper
105	100		
120	31.3	23.1	34.7
91	13.9	10.4	15.6
77	18.6	11.0	16.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.466 ppbv

RT: 16.15 min Scan# 4111

Delta R.T. -0.00 min

Lab File: VL033784.D

Acq: 23 May 2019 22:05

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3008-55

Tot Ion:105 Resp: 146234

Ion Ratio Lower Upper

105 100

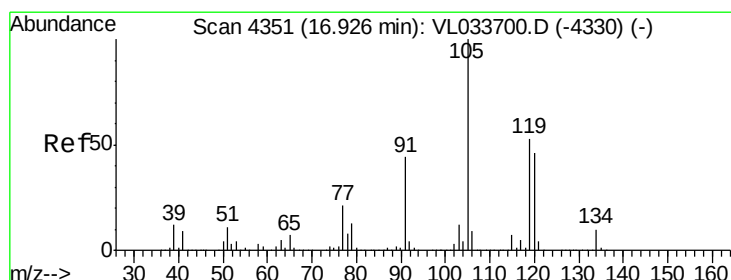
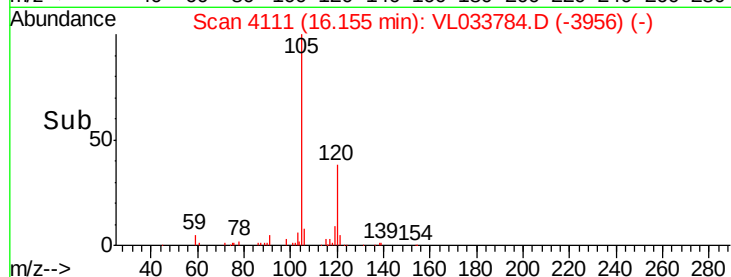
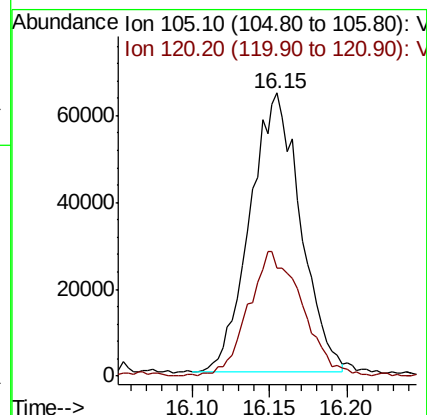
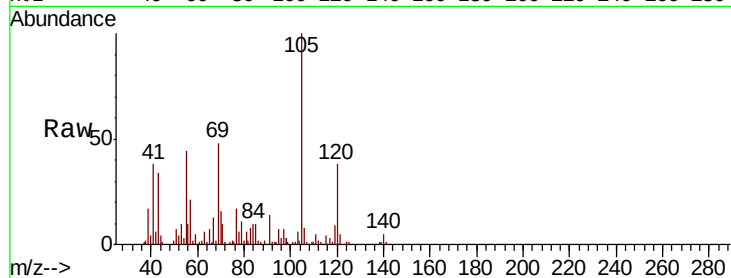
120 37.9 37.0 55.4

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#74

1,2,4-Trimethylbenzene

Concen: 1.472 ppbv

RT: 16.92 min Scan# 4350

Delta R.T. -0.00 min

Lab File: VL033784.D

Acq: 23 May 2019 22:05

Tgt Ion:105 Resp: 502418

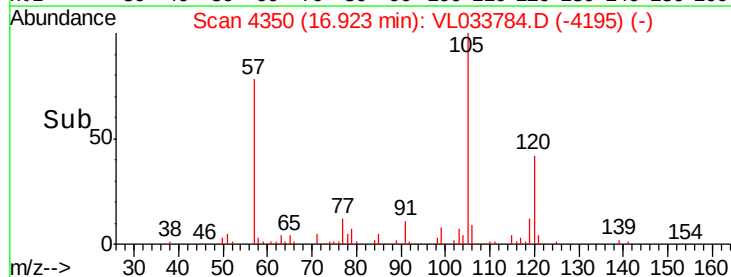
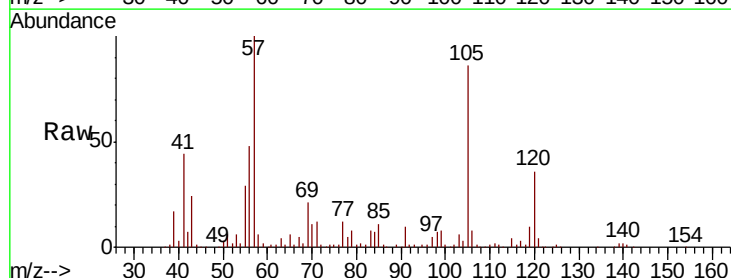
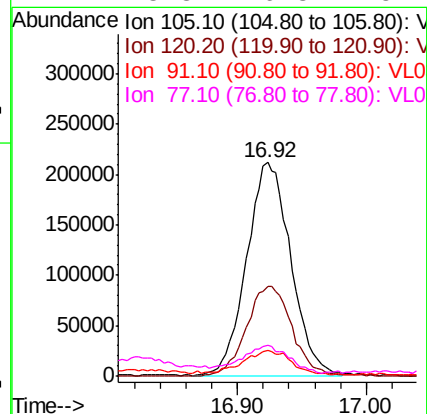
Ion Ratio Lower Upper

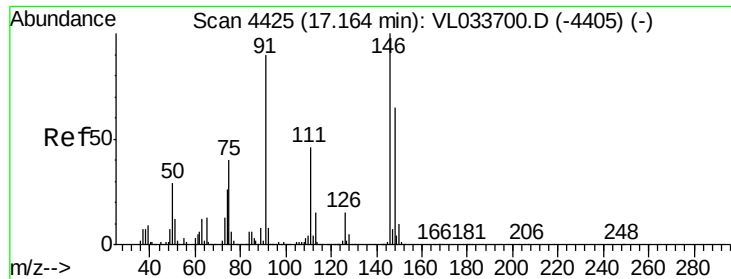
105 100

120 41.9 36.8 55.2

91 11.2 35.4 53.0#

77 13.3 16.8 25.2#





#75

1,3-Dichlorobenzene

Concen: 0.298 ppbv

RT: 17.16 min Scan# 4424

Delta R.T. -0.00 min

Lab File: VL033784.D

Acq: 23 May 2019 22:05

Instrument :

MSVOA_L

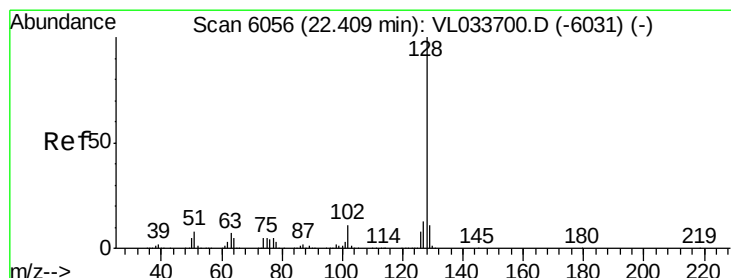
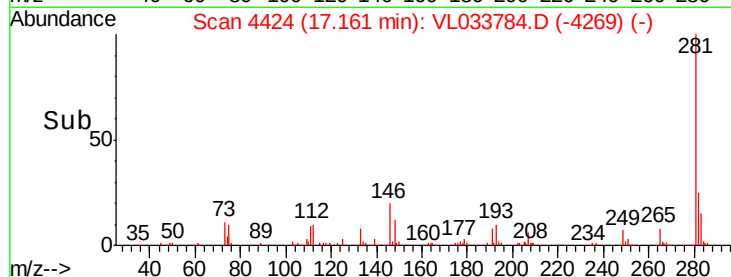
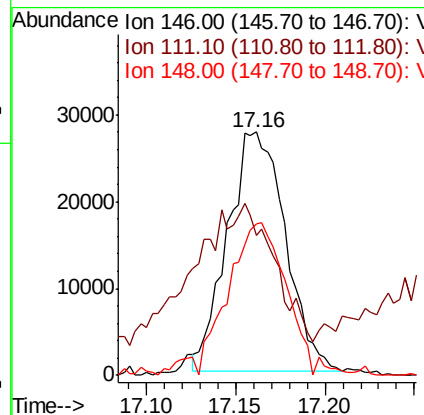
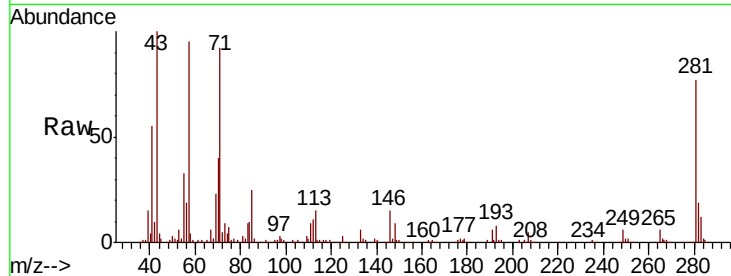
ClientSampleId :

BPS1-SG-3008-55

Tot Ion	Ratio	Lower	Upper
146	100		
111	102.4	22.9	68.8#
148	68.8	32.0	96.2

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#79

Naphthalene

Concen: 0.144 ppbv m

RT: 22.42 min Scan# 6059

Delta R.T. 0.01 min

Lab File: VL033784.D

Acq: 23 May 2019 22:05

Tgt Ion	Ratio	Lower	Upper
128	100		
127	25.2	10.6	16.0#
129	12.2	8.9	13.3

