

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052319\
 Data File : VL033776.D
 Acq On : 23 May 2019 16:49
 Operator : SY/AP
 Sample : K2929-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 2:53:29 AM

Quant Time: May 24 05:23:01 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	992998	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2577041	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2507105	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	2073181	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	75600	0.361	ppbv	92
3) Chlorodifluoromethane	3.01	51	21415m	0.188	ppbv	
4) Chloromethane	3.16	50	8993m	0.138	ppbv	
9) Propene	3.03	41	942969	19.491	ppbv	93
10) Heptane	8.24	43	419790	3.064	ppbv	98
11) Trichlorofluoromethane	4.00	101	145811	0.730	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.55	101	33796	0.242	ppbv	100
13) Ethanol	3.65	45	973935	62.284	ppbv	99
15) Acetone	3.89	43	7893207	57.291	ppbv	92
17) tert-Butyl alcohol	4.36	59	293514	2.635	ppbv	99
19) Isopropyl Alcohol	4.03	45	369541	4.160	ppbv #	94
20) Methylene Chloride	4.41	84	130029	2.451	ppbv	97
26) Hexane	5.77	57	361615	3.476	ppbv #	62
27) Carbon Disulfide	4.62	76	262064	1.836	ppbv	99
29) Chloroform	5.85	83	18773m	0.098	ppbv	
30) Cyclohexane	7.24	84	49101	0.561	ppbv #	88
32) 1,1,1-Trichloroethane	6.61	97	11018m	0.058	ppbv	
34) 2-Butanone	5.32	43	1522860	9.534	ppbv	98
35) Carbon Tetrachloride	7.12	117	5665m	0.027	ppbv	
36) Benzene	7.00	78	429880	1.834	ppbv	96
38) Trichloroethene	7.95	130	2999	0.034	ppbv #	38
44) 2,2,4-Trimethylpentane	7.98	57	165931	0.419	ppbv #	66
50) 4-Methyl-2-Pentanone	8.87	43	97942m	0.399	ppbv	
51) 2-Hexanone	10.26	43	297418	1.551	ppbv #	95
52) Tetrachloroethene	11.37	164	19923	0.242	ppbv	85
53) Toluene	9.94	91	6192050	24.490	ppbv	98
58) Ethyl Benzene	12.85	91	1460987	4.401	ppbv	100
59) m/p-Xylene	13.11	91	4927228	16.977	ppbv	96
60) o-Xylene	13.84	91	1592809	5.444	ppbv	98
61) Styrene	13.68	104	50949m	0.259	ppbv	
62) Isopropylbenzene	14.81	105	100835	0.256	ppbv	98
64) n-propylbenzene	15.71	120	100427	0.985	ppbv	95
65) tert-Butylbenzene	16.92	119	139047	0.387	ppbv #	68
70) n-Butylbenzene	18.72	91	137931	0.309	ppbv #	67
72) 4-Ethyltoluene	15.99	105	547598	1.637	ppbv	100
73) 1,3,5-Trimethylbenzene	16.15	105	369584	1.132	ppbv	99
74) 1,2,4-Trimethylbenzene	16.92	105	1250314	3.520	ppbv #	75
75) 1,3-Dichlorobenzene	17.15	146	49734m	0.228	ppbv	
79) Naphthalene	22.42	128	100963m	0.306	ppbv	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052319\
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Sample : K2929-03
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

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

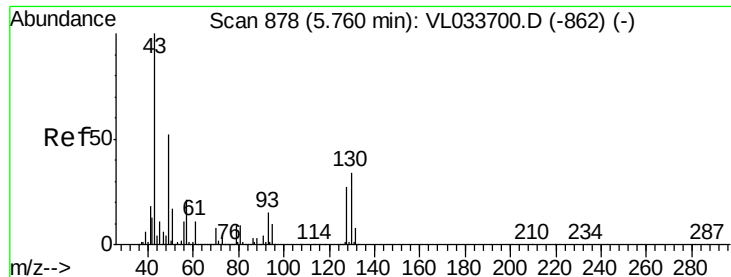
Manual Integrations
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5/28/2019 2:53:29 AM

Quant Time: May 24 05:23:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.00 min

Lab File: VL033776.D

Acq: 23 May 2019 16:49

Instrument :

MSVOA_L

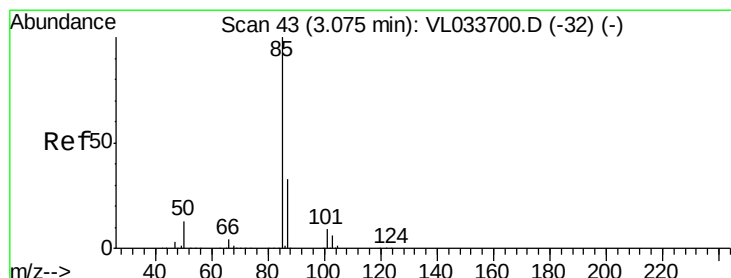
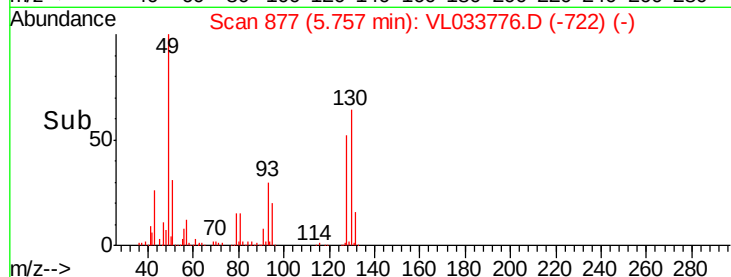
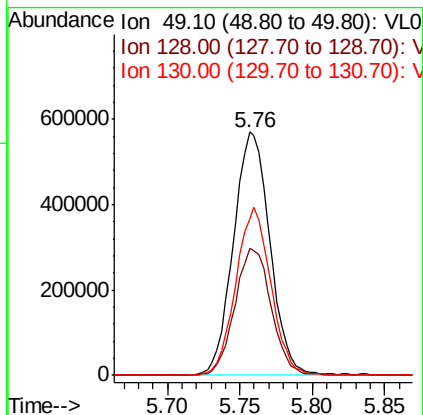
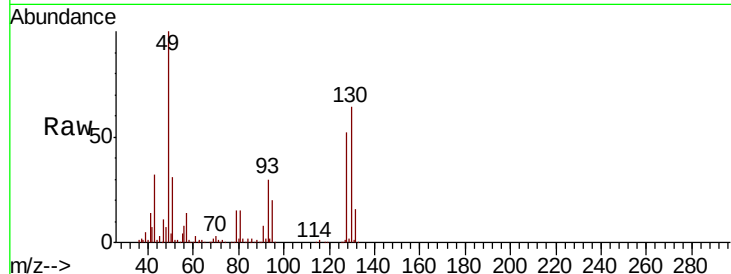
ClientSampleId :

BPS1-SG-3005-25

Tot Ion:	49	Resp:	992998
Ion	Ratio	Lower	Upper
49	100		
128	52.3	25.2	75.6
130	66.8	32.5	97.5

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#2

Dichlorodifluoromethane

Concen: 0.361 ppbv

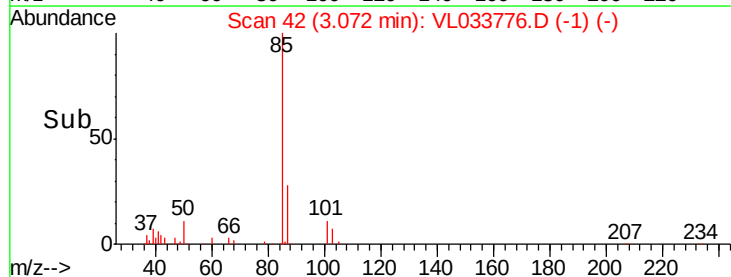
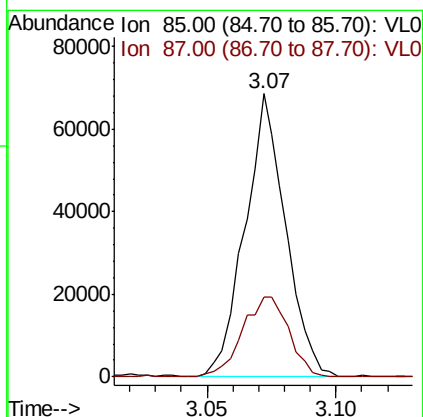
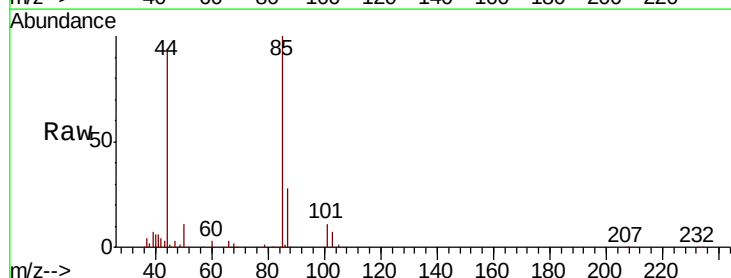
RT: 3.07 min Scan# 42

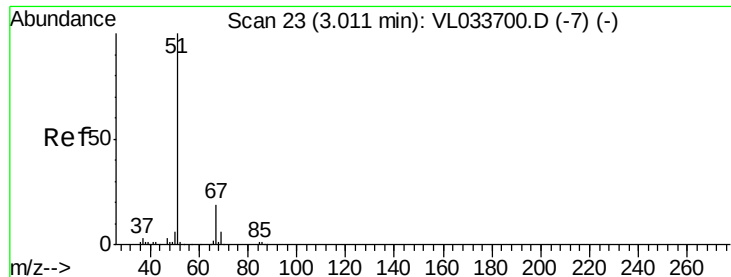
Delta R.T. -0.00 min

Lab File: VL033776.D

Acq: 23 May 2019 16:49

Tgt Ion:	85	Resp:	75600
Ion	Ratio	Lower	Upper
85	100		
87	28.1	26.3	39.5





#3

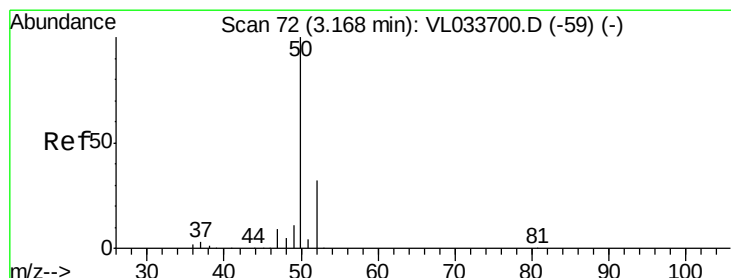
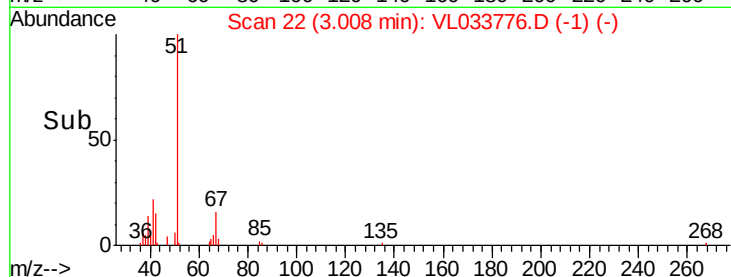
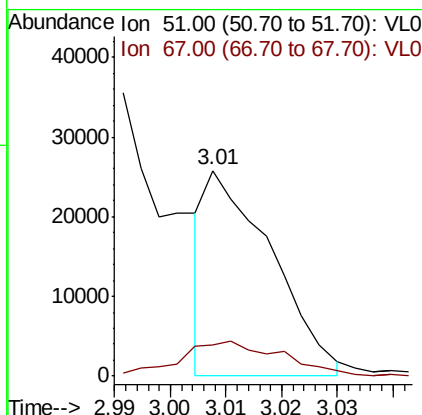
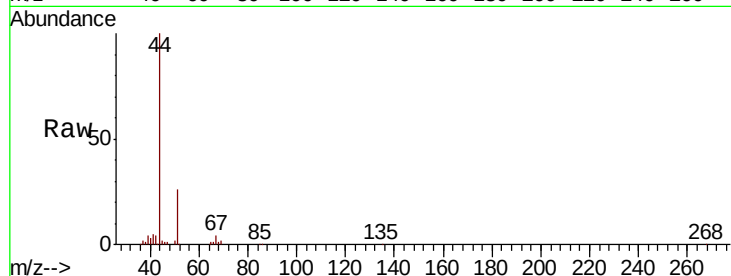
Chlorodifluoromethane
 Concen: 0.188 ppbv m
 RT: 3.01 min Scan# 22
 Delta R.T. -0.00 min
 Lab File: VL033776.D
 Acq: 23 May 2019 16:49

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

Tot Ion	51	Resp	21415
Ion Ratio	100	Lower	Upper
67	26.3	15.6	23.4#

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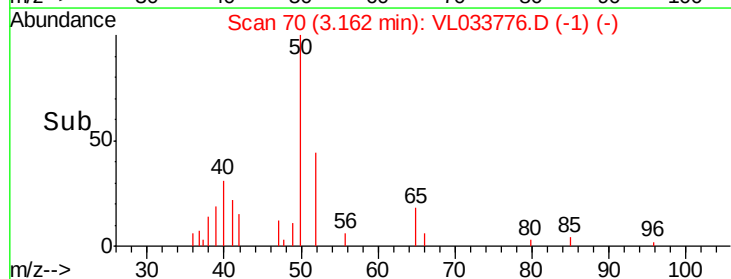
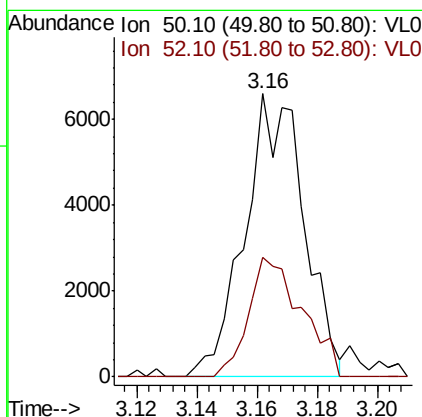
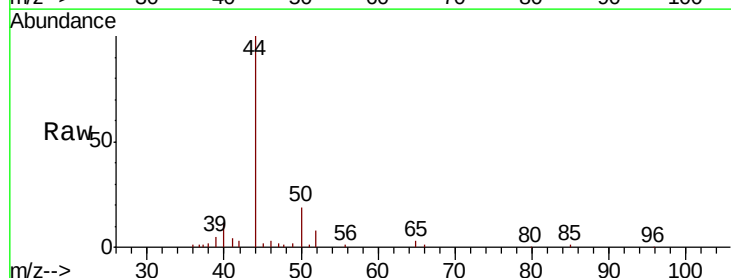
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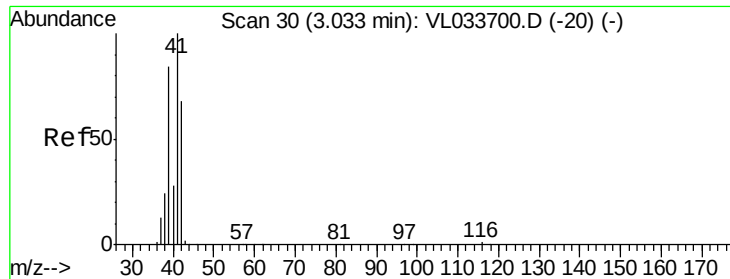


#4

Chloromethane
 Concen: 0.138 ppbv m
 RT: 3.16 min Scan# 70
 Delta R.T. -0.01 min
 Lab File: VL033776.D
 Acq: 23 May 2019 16:49

Tgt Ion	50	Resp	8993
Ion Ratio	100	Lower	Upper
52	42.3	25.7	38.5#





#9

Propene

Concen: 19.491 ppbv

RT: 3.03 min Scan# 30

Delta R.T. 0.00 min

Lab File: VL033776.D

Acq: 23 May 2019 16:49

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3005-25

Tot Ion: 41 Resp: 942969

Ion Ratio Lower Upper

41 100

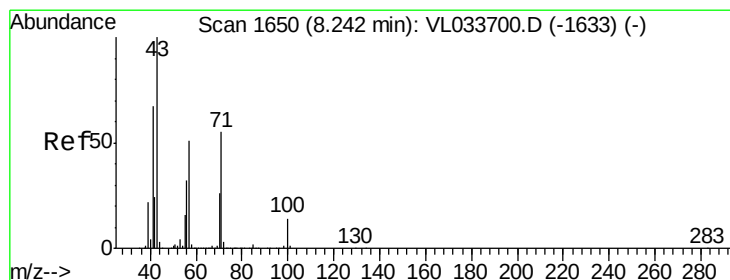
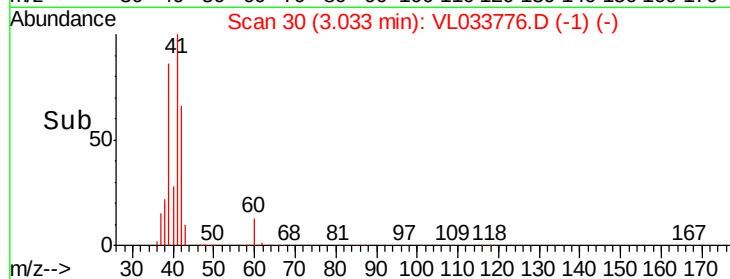
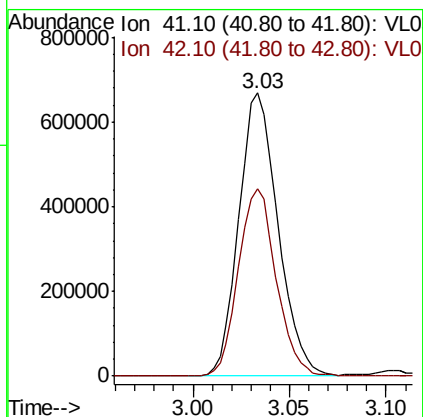
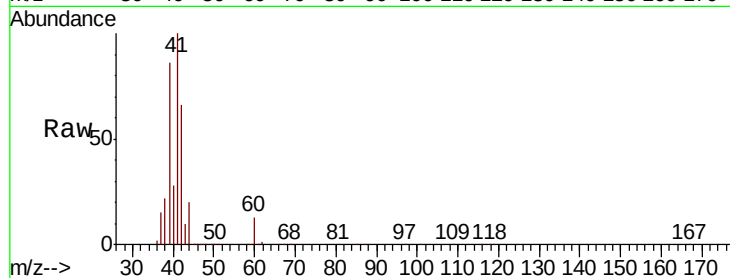
42 64.1 56.1 84.1

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#10

Heptane

Concen: 3.064 ppbv

RT: 8.24 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VL033776.D

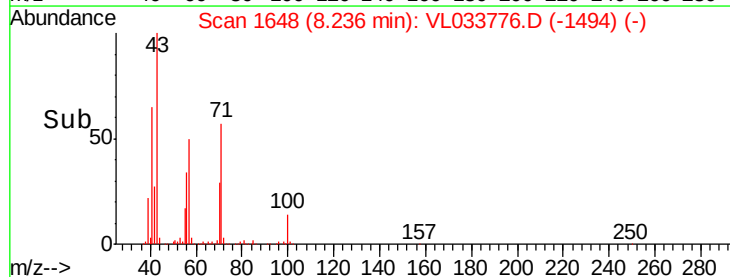
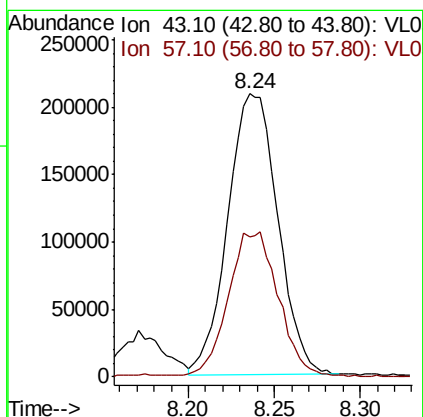
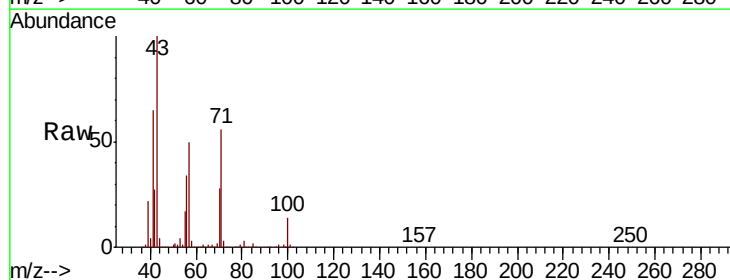
Acq: 23 May 2019 16:49

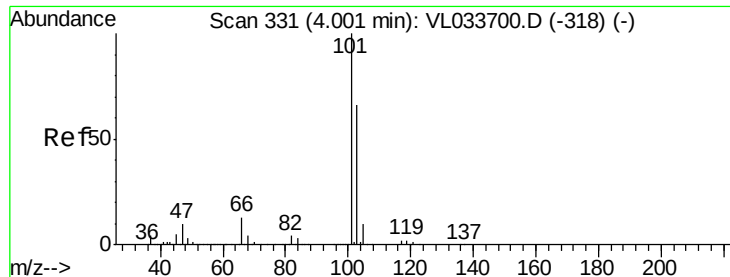
Tgt Ion: 43 Resp: 419790

Ion Ratio Lower Upper

43 100

57 53.1 41.4 62.0





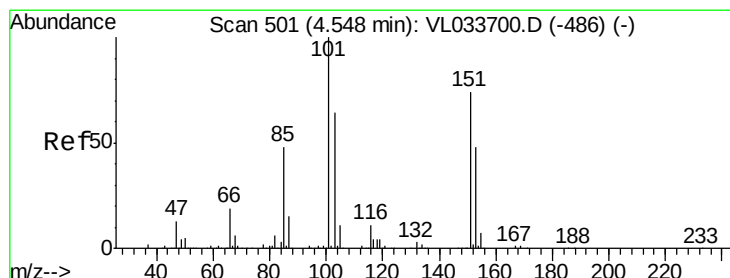
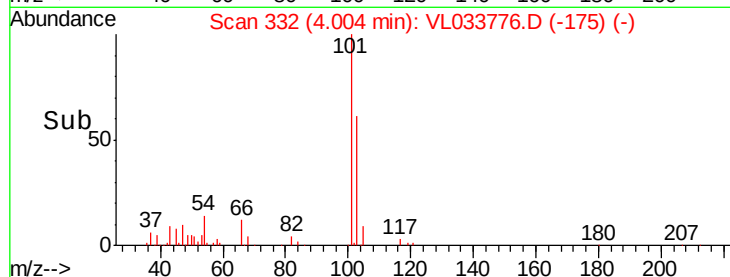
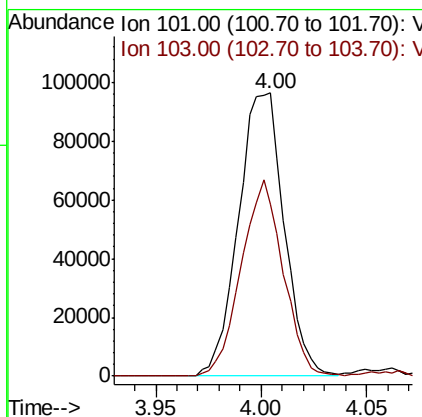
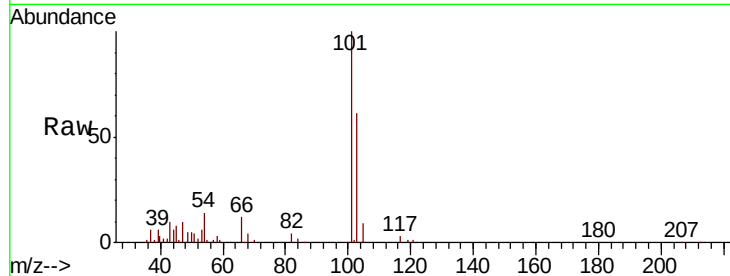
#11
 Trichlorofluoromethane
 Concen: 0.730 ppbv
 RT: 4.00 min Scan# 332
 Delta R.T. 0.00 min
 Lab File: VL033776.D
 Acq: 23 May 2019 16:49

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

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.7	52.6	78.8

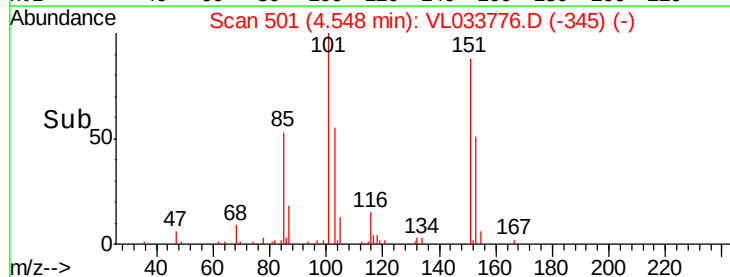
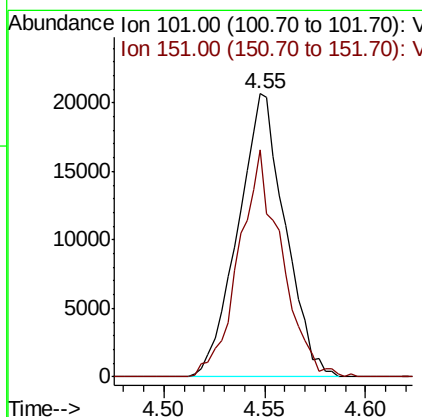
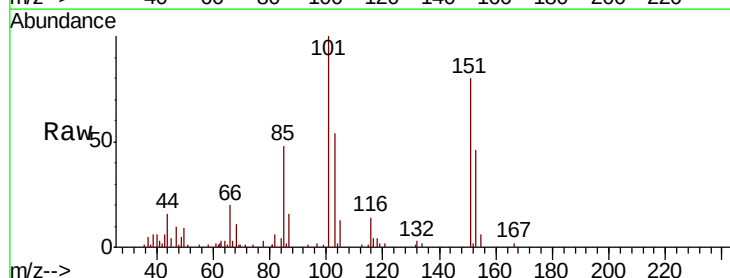
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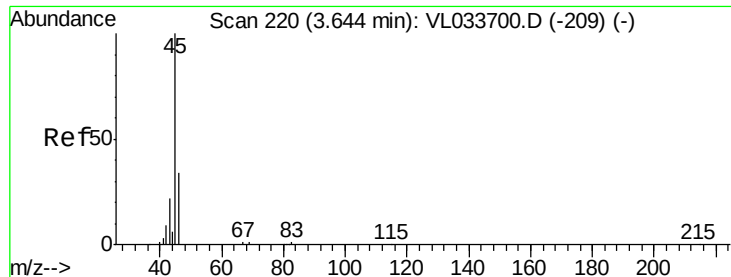
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.242 ppbv
 RT: 4.55 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VL033776.D
 Acq: 23 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
101	100		
151	72.6	58.2	87.4





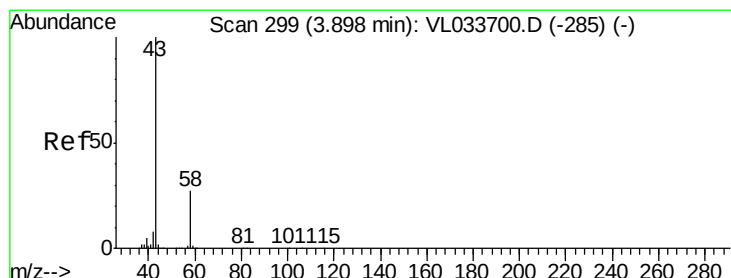
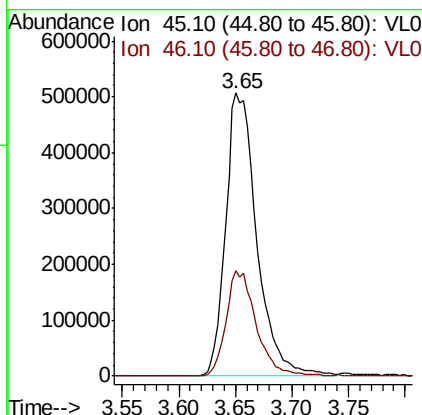
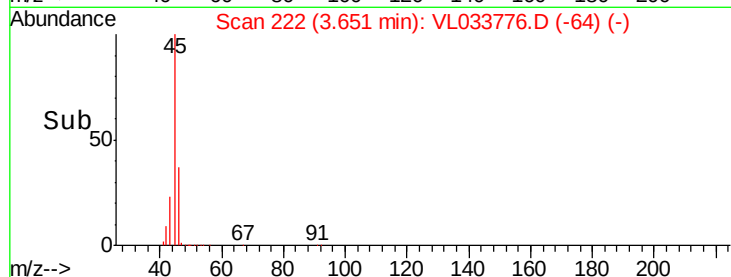
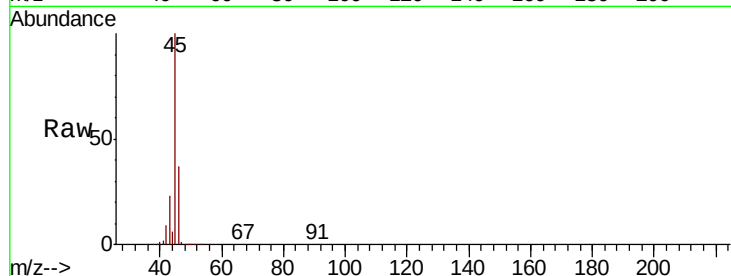
#13
Ethanol
Concen: 62.284 ppbv
RT: 3.65 min Scan# 222
Delta R.T. 0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

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

Tot Ion	Ratio	Lower	Upper
45	100		
46	36.5	14.8	59.0

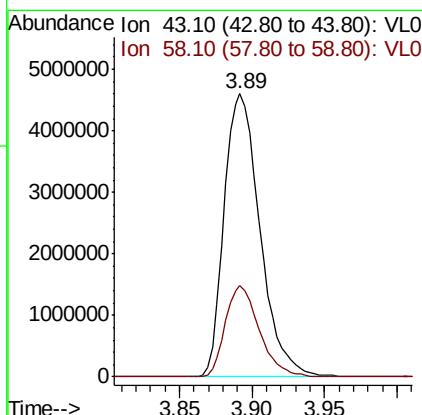
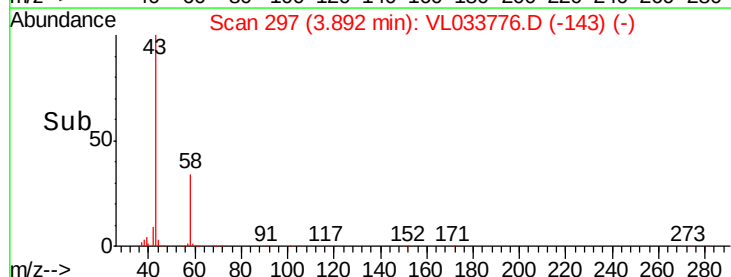
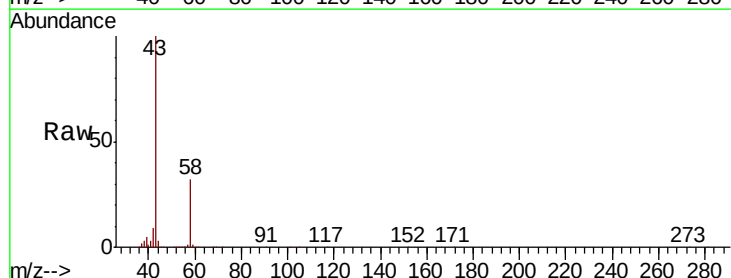
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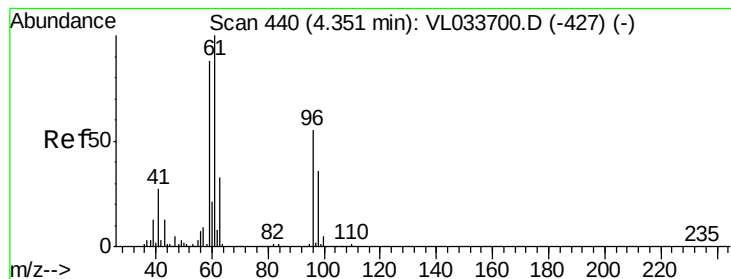
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#15
Acetone
Concen: 57.291 ppbv
RT: 3.89 min Scan# 297
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.8	21.3	31.9





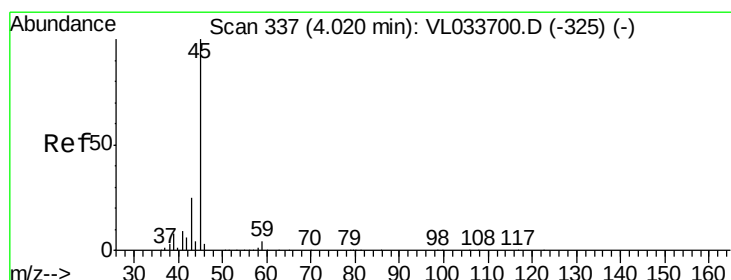
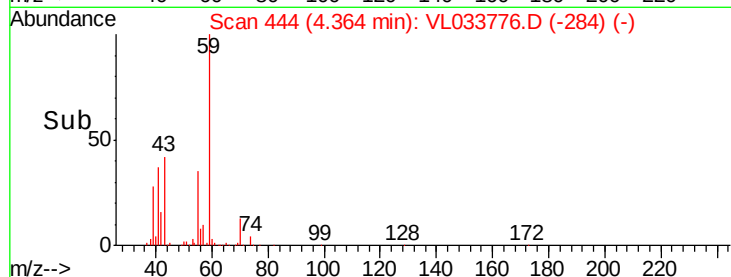
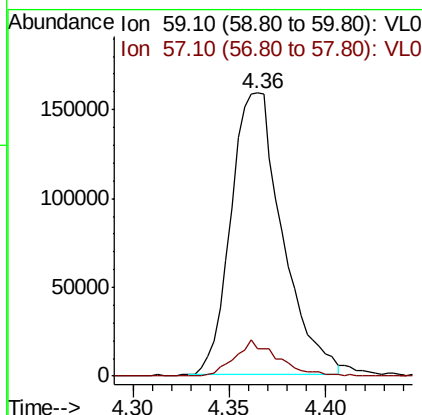
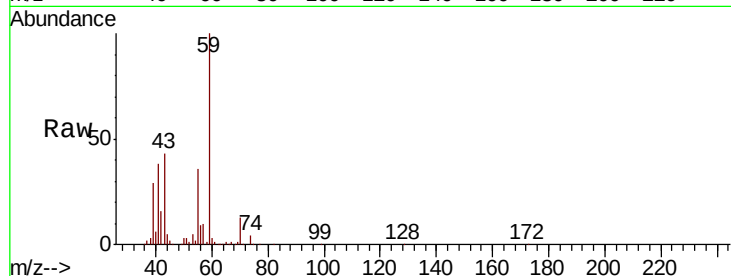
#17
tert-Butyl alcohol
Concen: 2.635 ppbv
RT: 4.36 min Scan# 444
Delta R.T. 0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

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

Tot Ion	Ratio	Resp	Lower	Upper
59	100	293514		
57	10.9		8.4	12.6

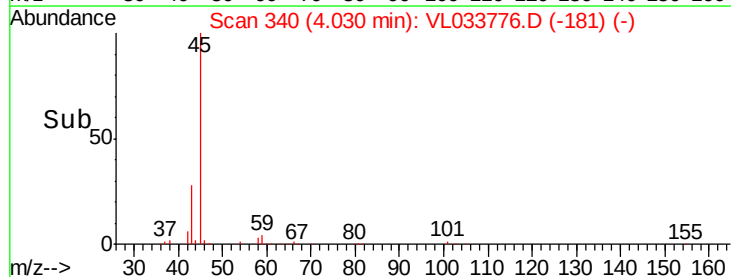
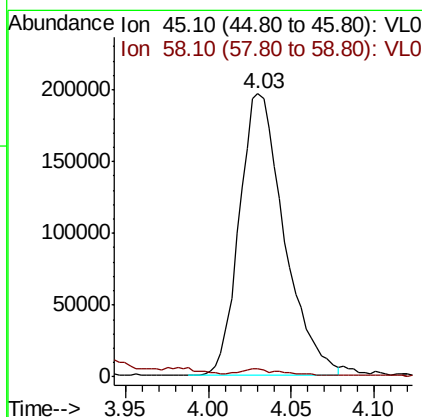
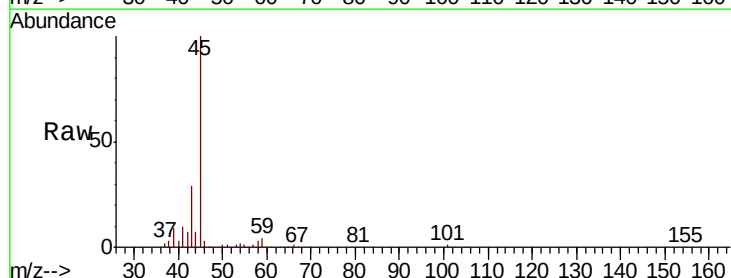
Manual Integrations
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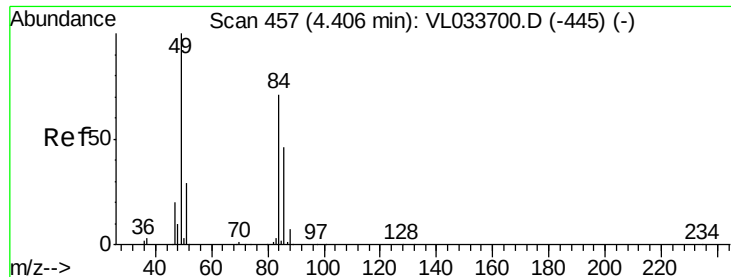
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5/28/2019 2:53:29 AM



#19
Isopropyl Alcohol
Concen: 4.160 ppbv
RT: 4.03 min Scan# 340
Delta R.T. 0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	369541		
58	0.0		1.6	2.4#





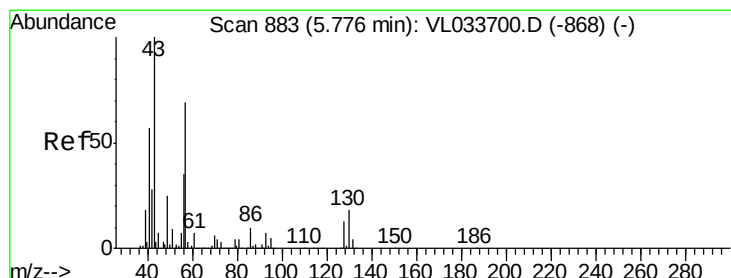
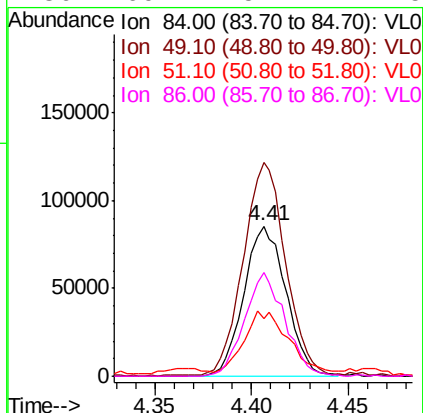
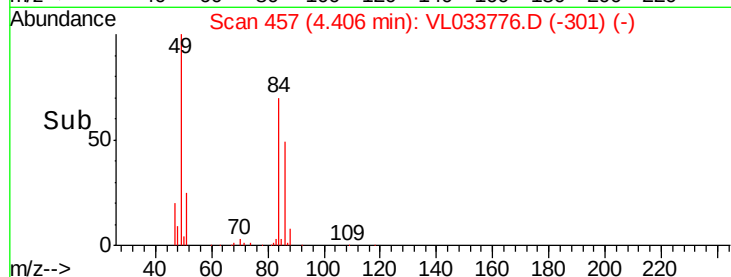
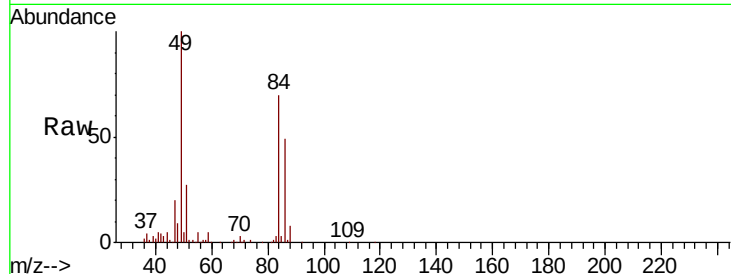
#20
Methylene Chloride
Concen: 2.451 ppbv
RT: 4.41 min Scan# 457
Delta R.T. 0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

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

Tot Ion:	84	Resp:	130029
Ion	Ratio	Lower	Upper
84	100		
49	141.3	112.8	169.2
51	35.5	33.4	50.0
86	69.2	51.7	77.5

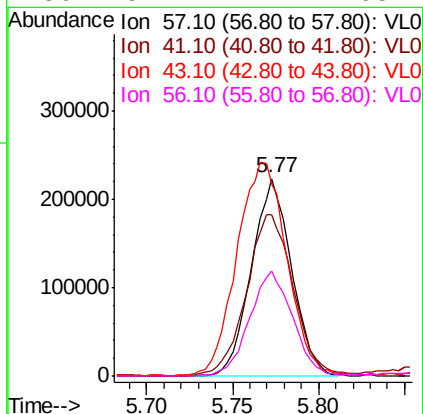
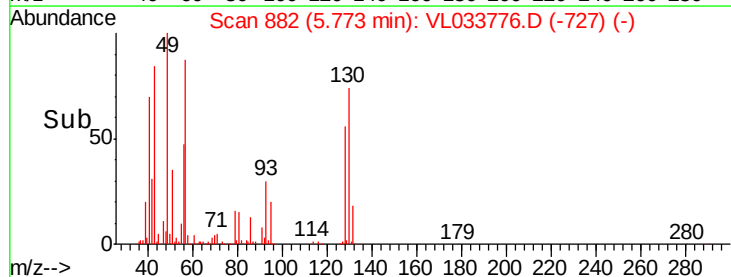
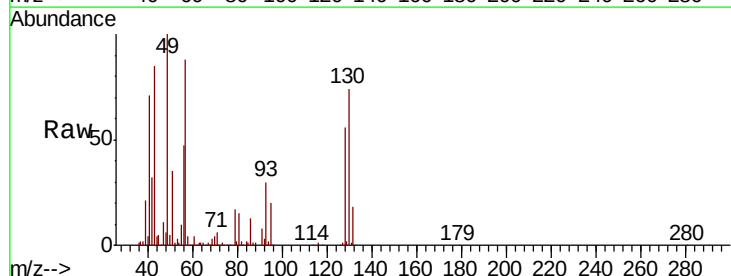
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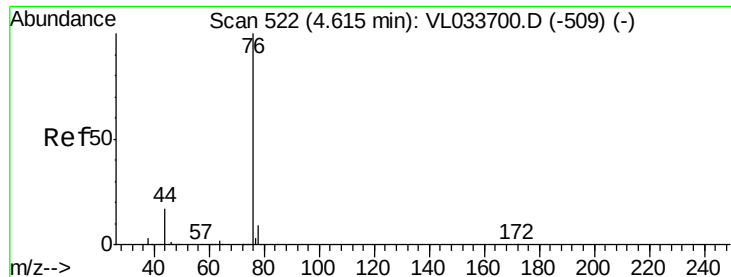
MMDadoda
5/28/2019 2:53:29 AM



#26
Hexane
Concen: 3.476 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion:	57	Resp:	361615
Ion	Ratio	Lower	Upper
57	100		
41	94.9	69.8	104.6
43	134.3	181.8	272.6#
56	57.2	42.1	63.1





#27

Carbon Disulfide

Concen: 1.836 ppbv

RT: 4.62 min Scan# 522

Delta R.T. 0.00 min

Lab File: VL033776.D

Acq: 23 May 2019 16:49

Instrument :

MSVOA_L

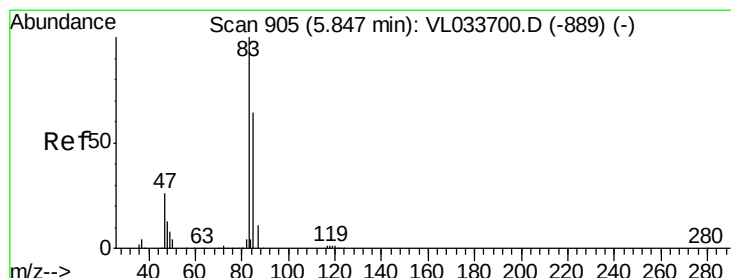
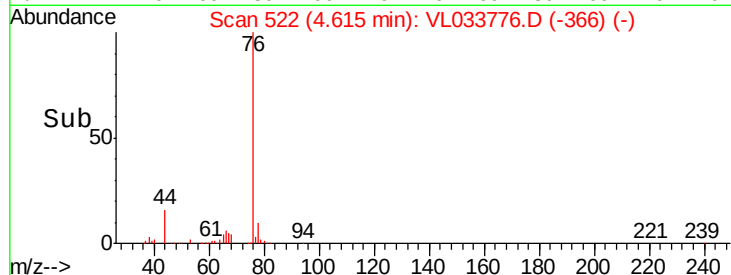
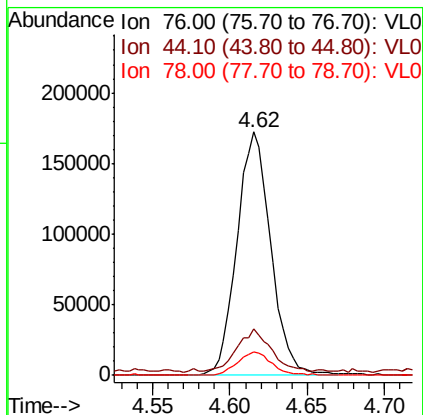
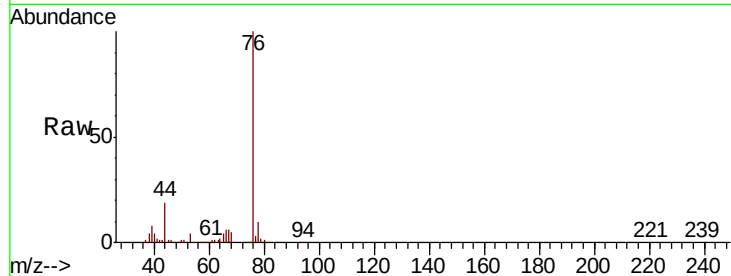
ClientSampleId :

BPS1-SG-3005-25

Tot Ion:	76	Resp:	262064
Ion Ratio	Lower	Upper	
76	100		
44	16.9	13.8	20.8
78	10.1	7.4	11.0

Manual Integrations
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#29

Chloroform

Concen: 0.098 ppbv m

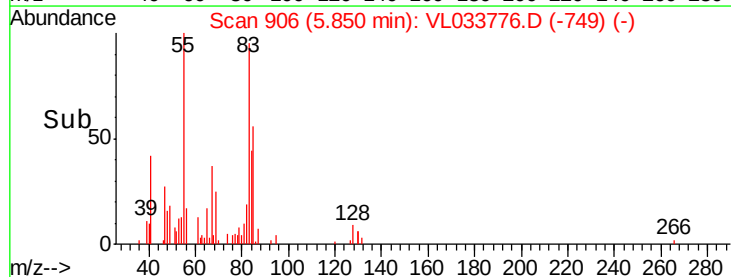
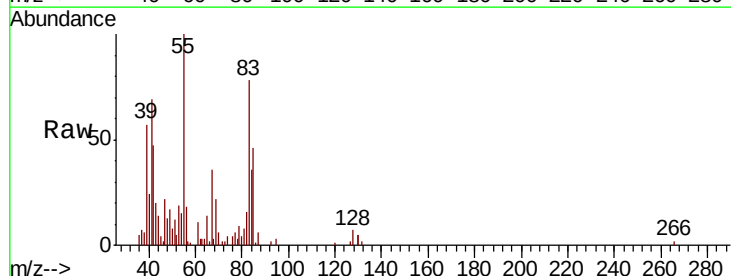
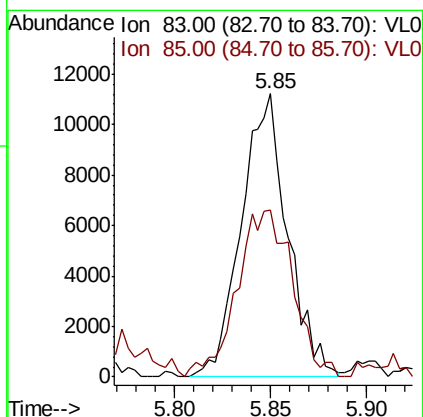
RT: 5.85 min Scan# 906

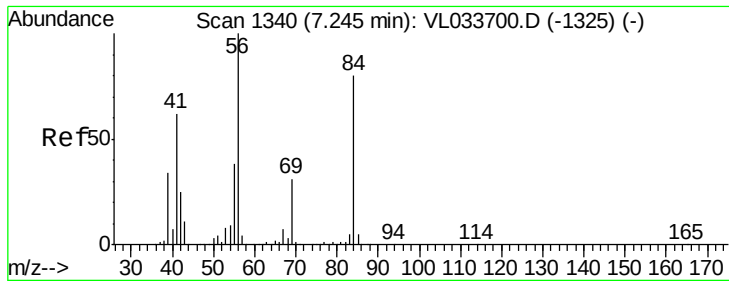
Delta R.T. 0.00 min

Lab File: VL033776.D

Acq: 23 May 2019 16:49

Tgt Ion:	83	Resp:	18773
Ion Ratio	Lower	Upper	
83	100		
85	59.2	51.5	77.3





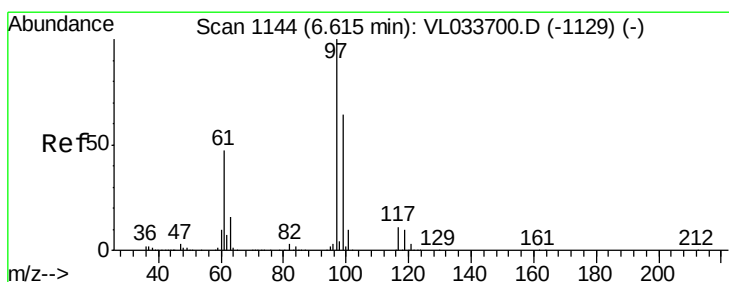
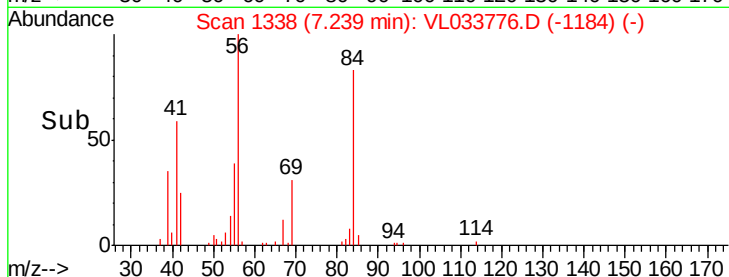
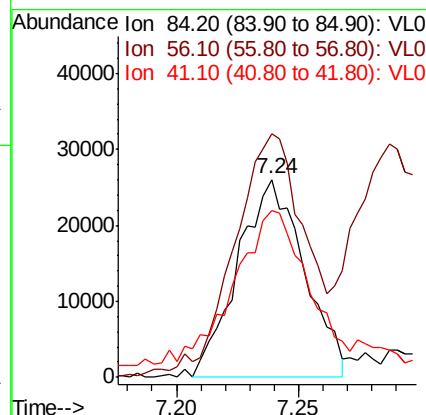
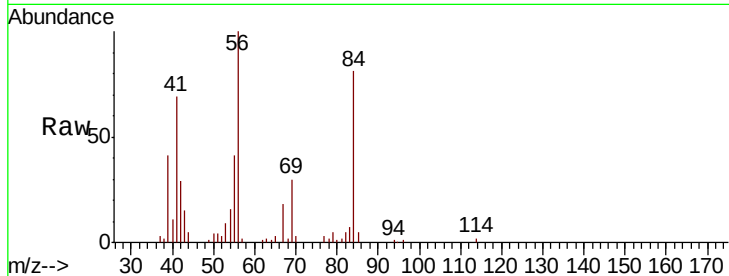
#30
Cyclohexane
Concen: 0.561 ppbv
RT: 7.24 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

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

Tot Ion	Ratio	Lower	Upper
84	100		
56	130.1	107.7	161.5
41	104.8	66.0	99.0

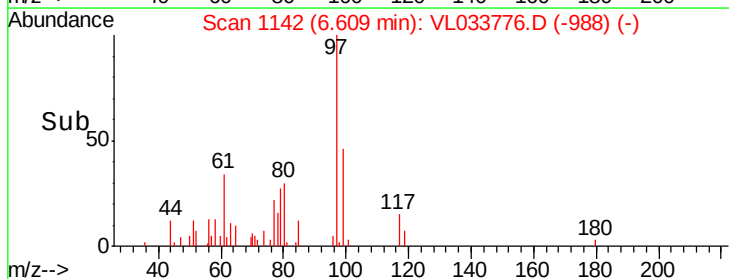
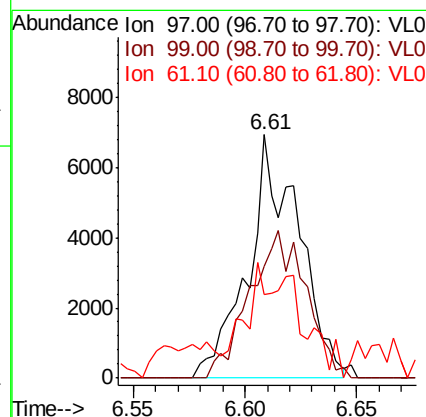
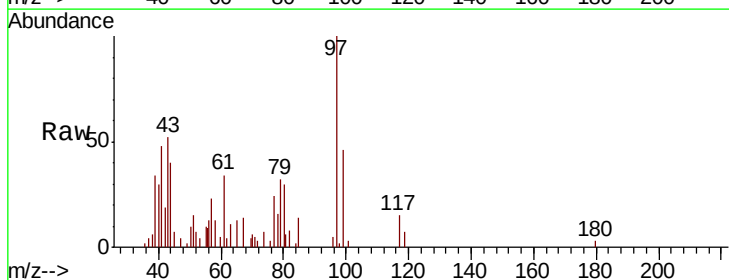
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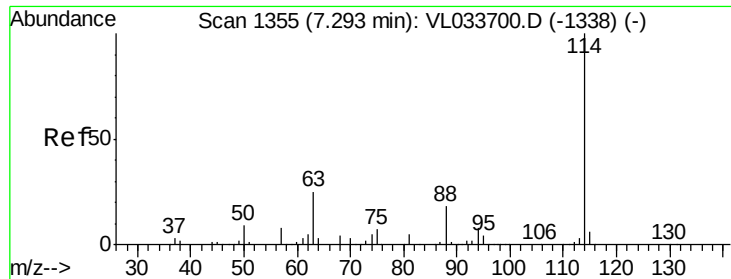
MMDadoda
5/28/2019 2:53:29 AM



#32
1,1,1-Trichloroethane
Concen: 0.058 ppbv m
RT: 6.61 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3
61	79.0	37.8	56.8





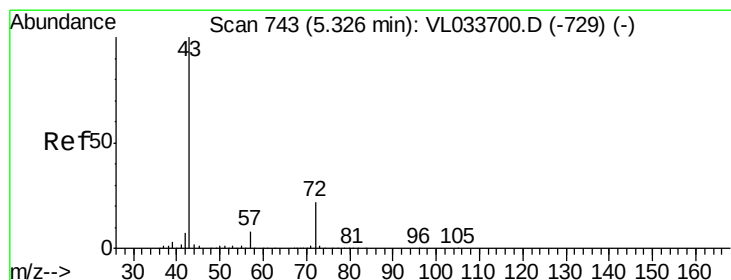
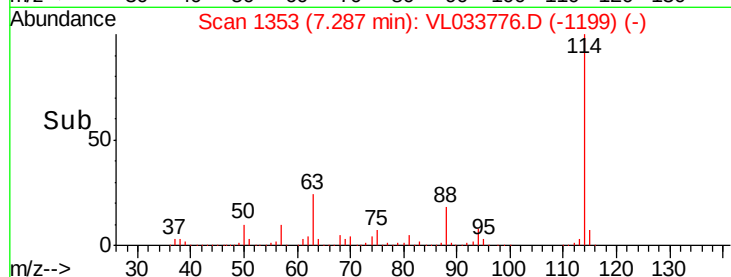
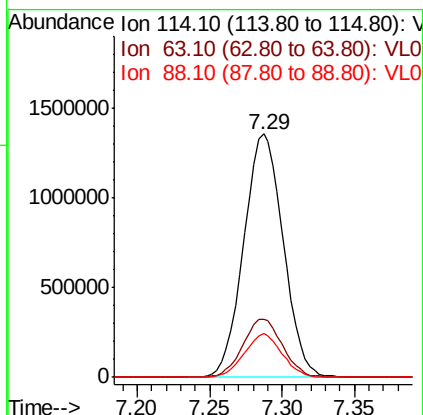
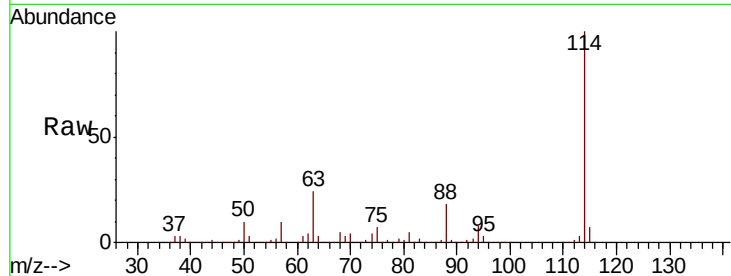
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033776.D
 Acq: 23 May 2019 16:49

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.1	20.9	31.3
88	17.2	14.3	21.5

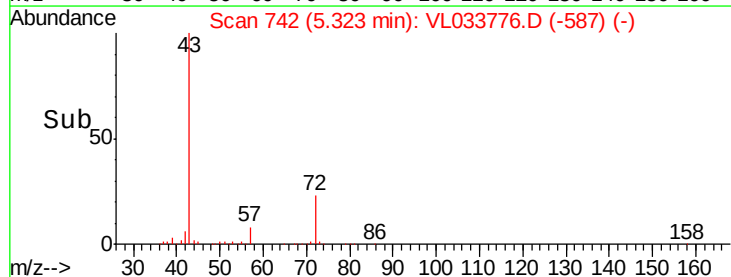
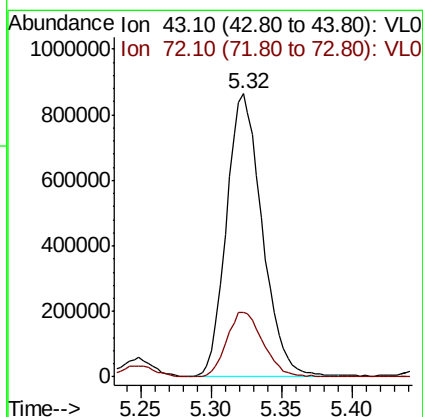
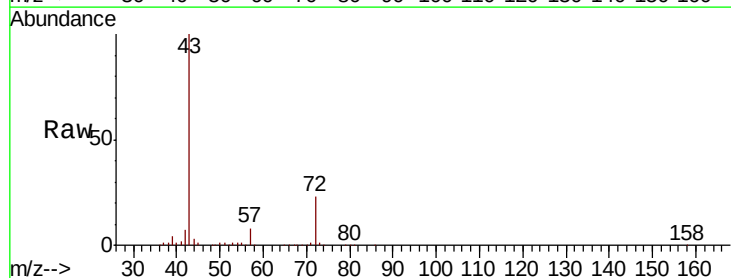
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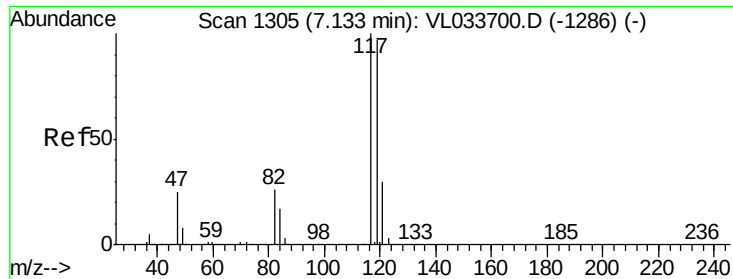
MMDadoda
 5/28/2019 2:53:29 AM



#34
 2-Butanone
 Concen: 9.534 ppbv
 RT: 5.32 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: VL033776.D
 Acq: 23 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.4	17.8	26.6





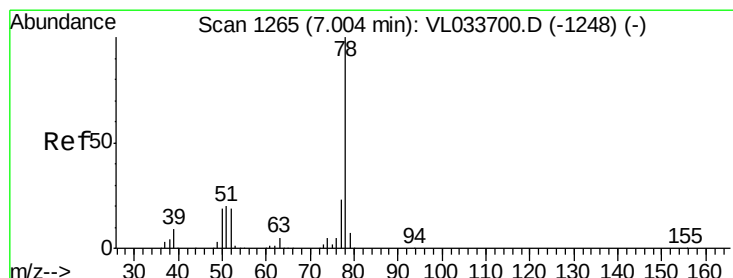
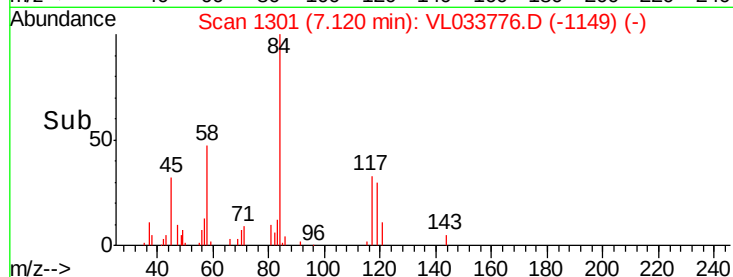
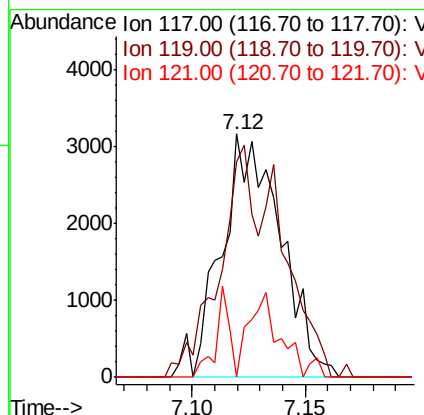
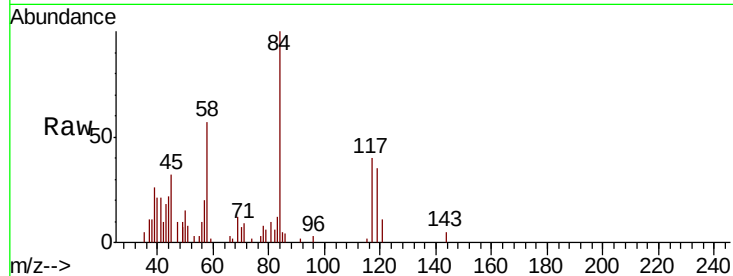
#35
Carbon Tetrachloride
Concen: 0.027 ppbv m
RT: 7.12 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

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

Tot Ion	Ratio	Lower	Upper
117	100		
119	88.6	77.2	115.8
121	0.0	24.1	36.1#

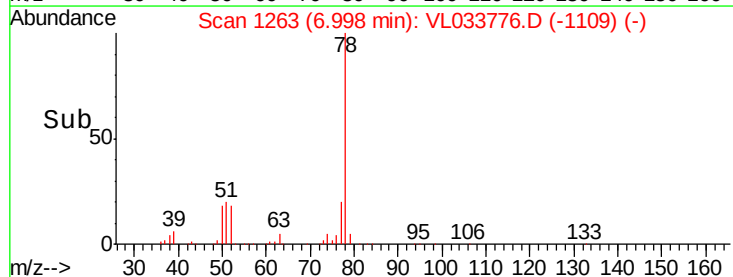
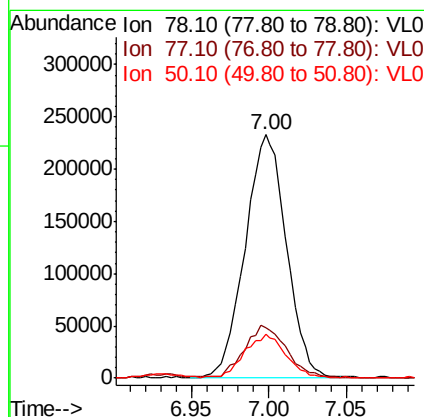
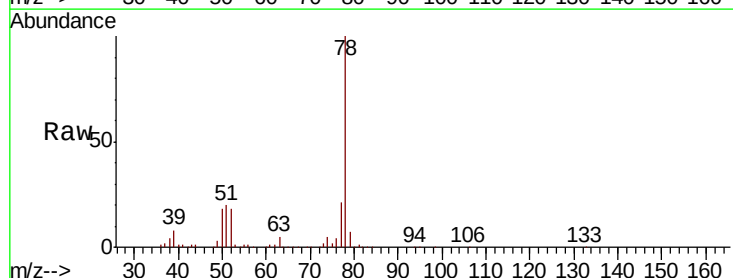
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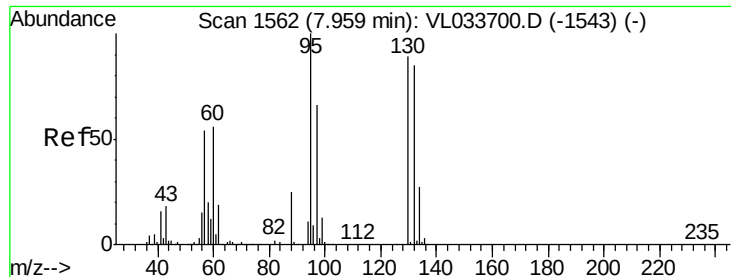
MMDadoda
5/28/2019 2:53:29 AM



#36
Benzene
Concen: 1.834 ppbv
RT: 7.00 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.6	18.4	27.6
50	17.6	15.5	23.3





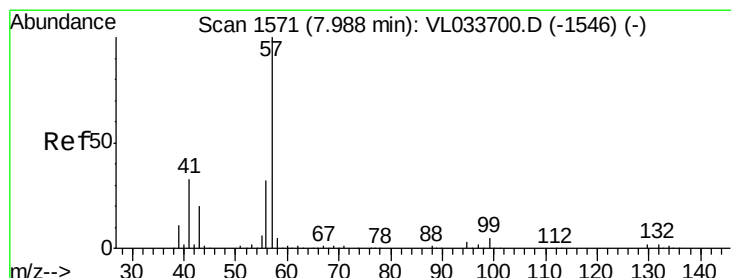
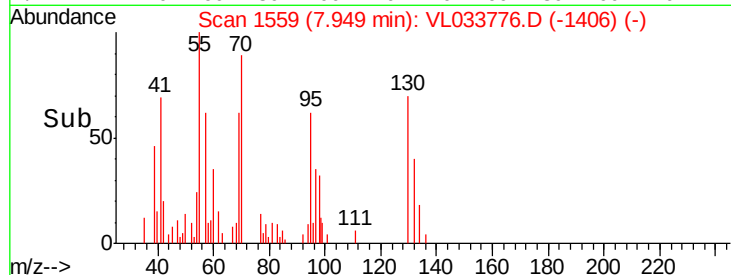
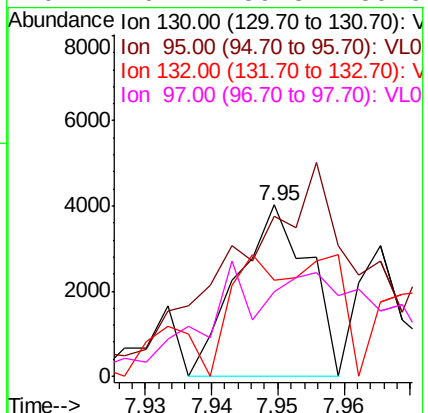
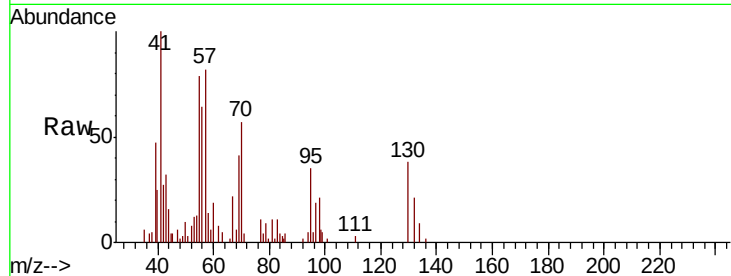
#38
 Trichloroethene
 Concen: 0.034 ppbv
 RT: 7.95 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: VL033776.D
 Acq: 23 May 2019 16:49

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

Tot Ion	Ratio	Resp	Lower	Upper
130	100	2999		
95	52.2		90.2	135.4#
132	31.5		76.4	114.6#
97	20.4		59.8	89.6#

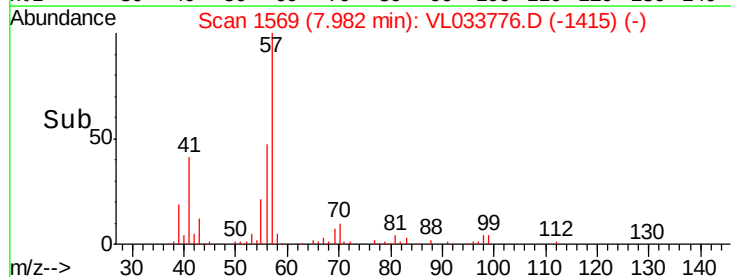
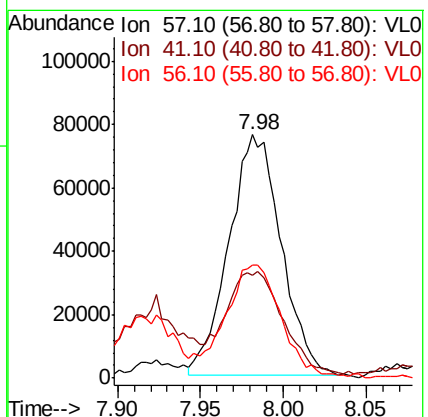
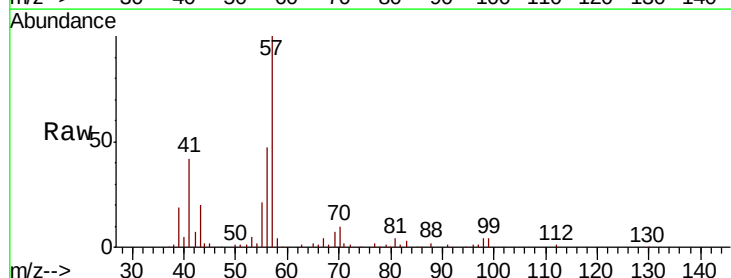
Manual Integrations
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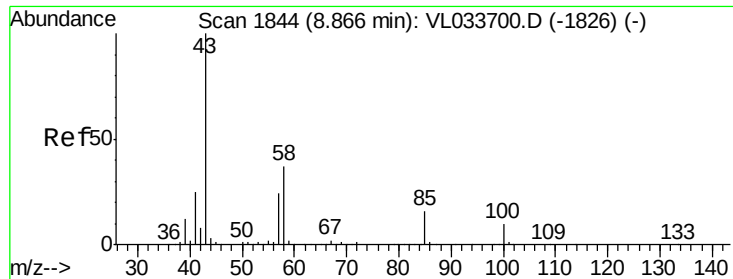
MMDadoda
 5/28/2019 2:53:29 AM



#44
 2,2,4-Trimethylpentane
 Concen: 0.419 ppbv
 RT: 7.98 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: VL033776.D
 Acq: 23 May 2019 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
57	100	165931		
41	48.3		25.4	38.0#
56	51.5		24.7	37.1#





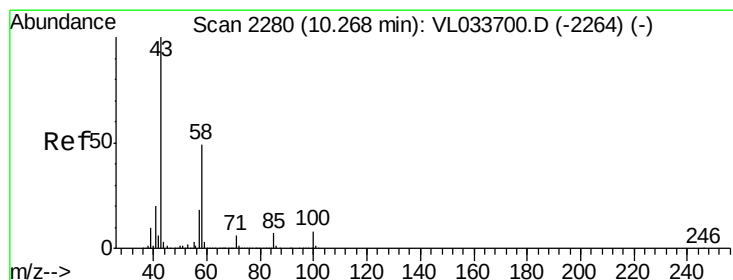
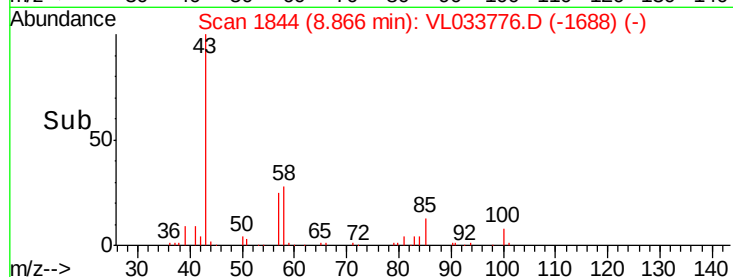
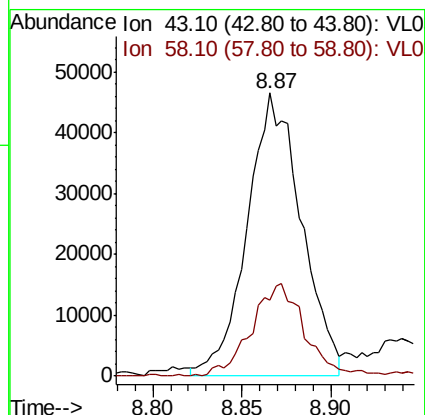
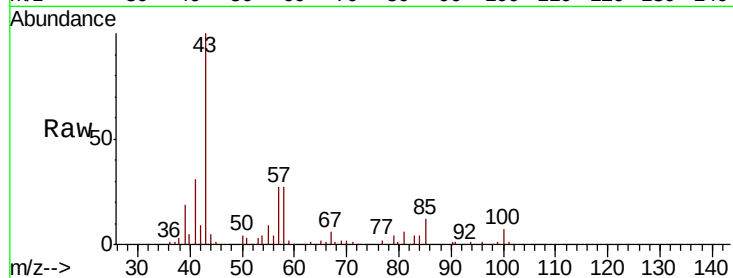
#50
4-Methyl-2-Pentanone
Concen: 0.399 ppbv m
RT: 8.87 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

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

Tot Ion	43	58	Ratio	Lower	Upper
Resp:	97942				
43	100				
58	0.0	28.6		43.0#	

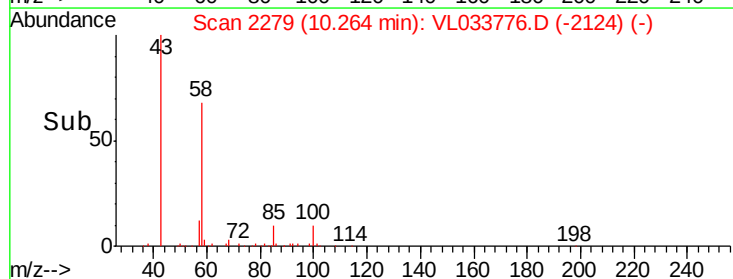
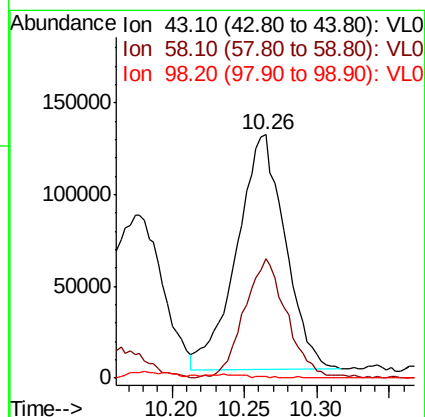
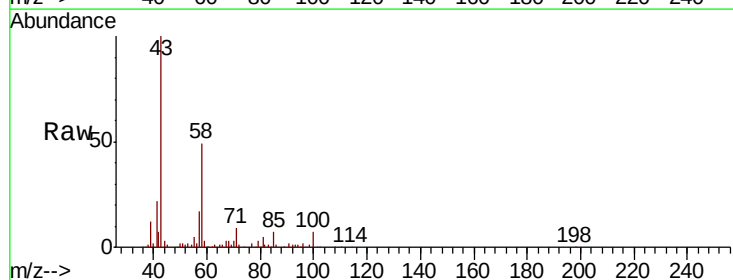
Manual Integrations
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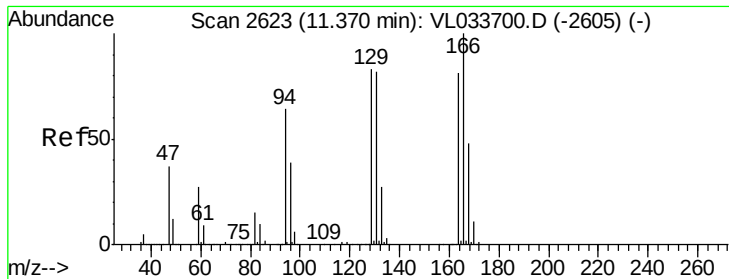
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#51
2-Hexanone
Concen: 1.551 ppbv
RT: 10.26 min Scan# 2279
Delta R.T. -0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion	43	58	98	Ratio	Lower	Upper
Resp:	297418					
43	100					
58	45.2	38.7			58.1	
98	0.0	0.2			0.4#	





#52

Tetrachloroethene

Concen: 0.242 ppbv

RT: 11.37 min Scan# 2622

Delta R.T. -0.00 min

Lab File: VL033776.D

Acq: 23 May 2019 16:49

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3005-25

Tot Ion:164 Resp: 19923

Ion Ratio Lower Upper

164 100

166 112.3 98.9 148.3

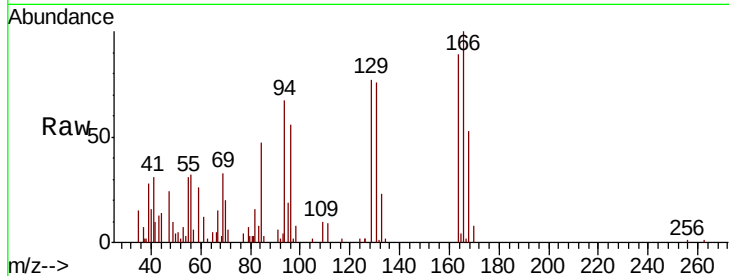
129 84.0 81.8 122.6

131 84.0 81.1 121.7

Manual Integrations
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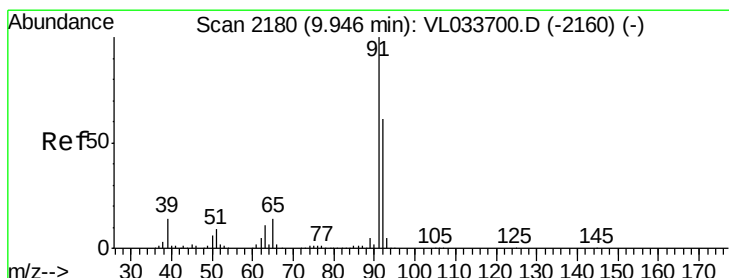
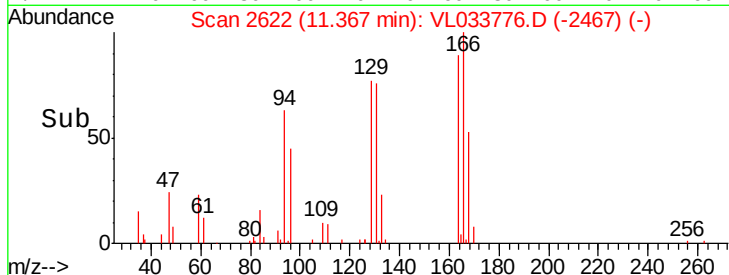
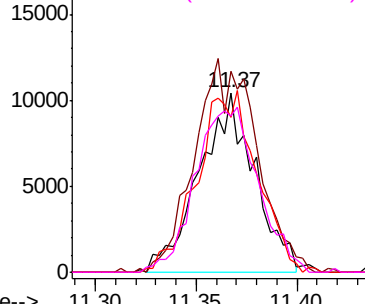


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 24.490 ppbv

RT: 9.94 min Scan# 2178

Delta R.T. -0.01 min

Lab File: VL033776.D

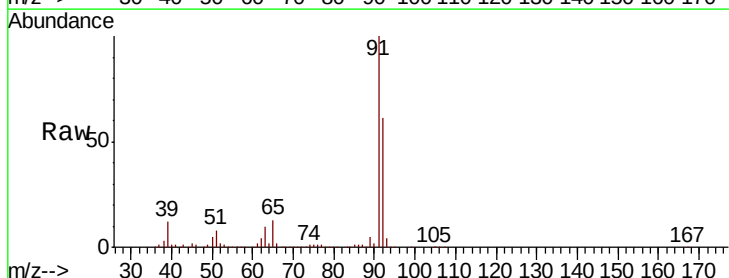
Acq: 23 May 2019 16:49

Tgt Ion: 91 Resp: 6192050

Ion Ratio Lower Upper

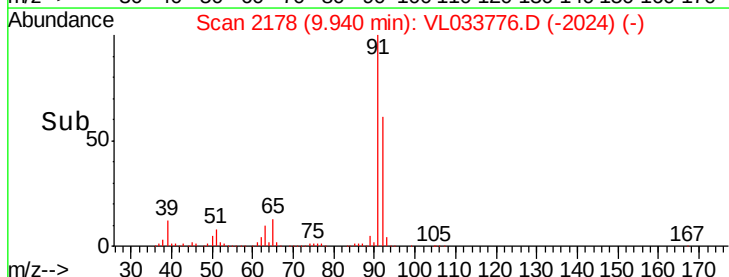
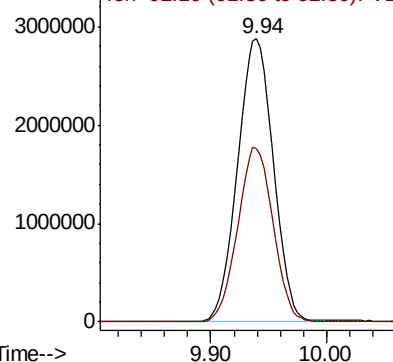
91 100

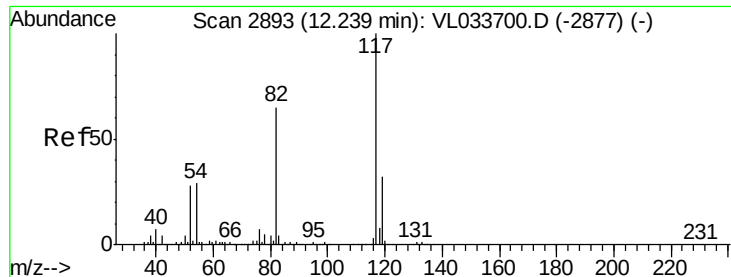
92 60.9 47.6 71.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0





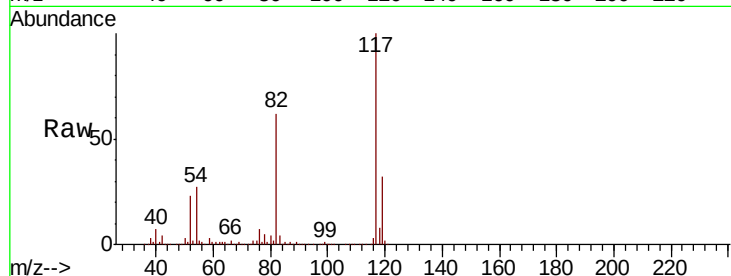
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.3	49.4	74.0
119	32.4	24.9	37.3

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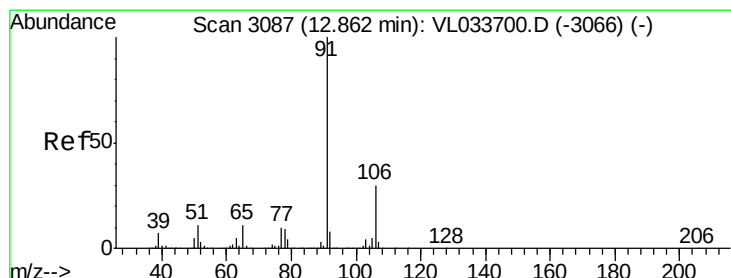
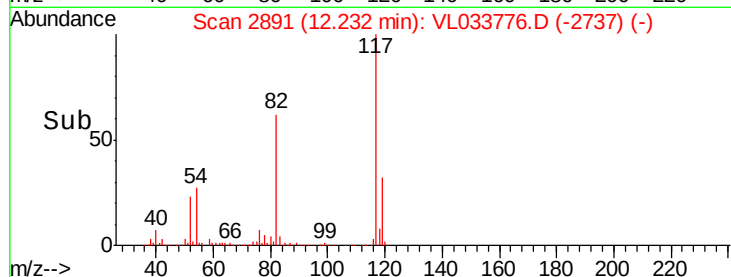
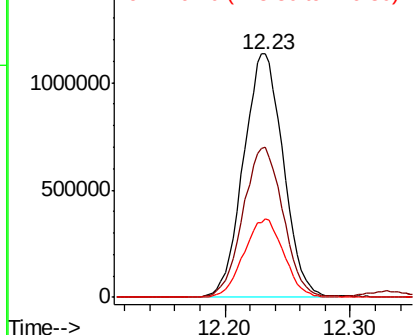


Abundance

Ion 117.10 (116.80 to 117.80): V

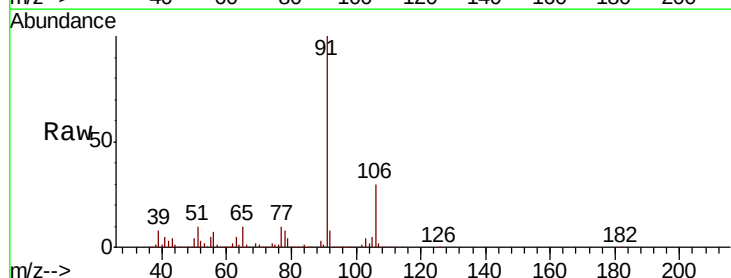
Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#58
Ethyl Benzene
Concen: 4.401 ppbv
RT: 12.85 min Scan# 3084
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

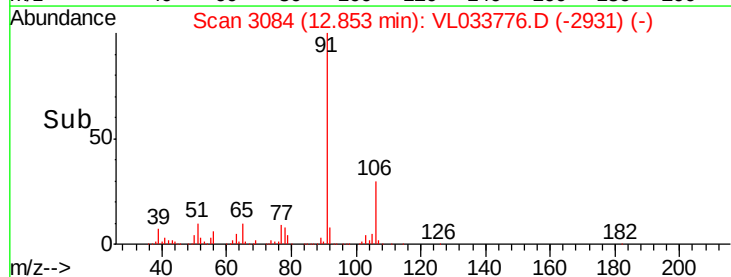
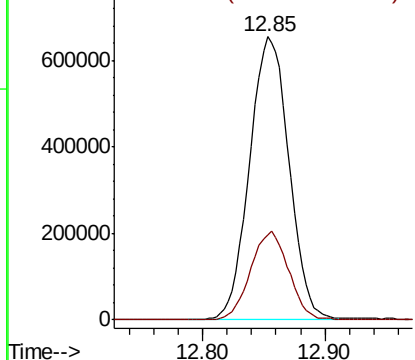
Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.0	23.9	35.9

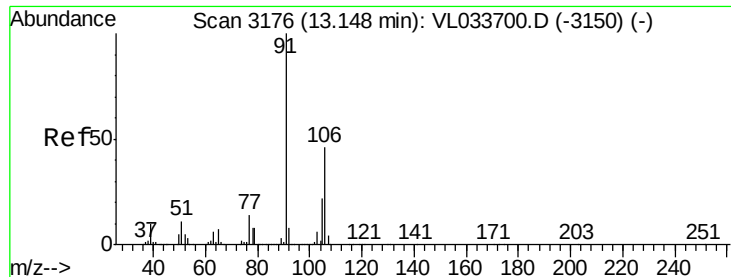


Abundance

Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





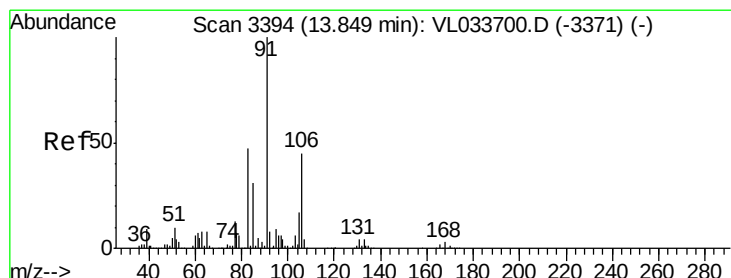
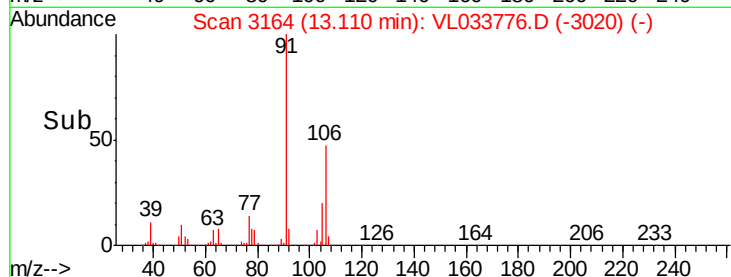
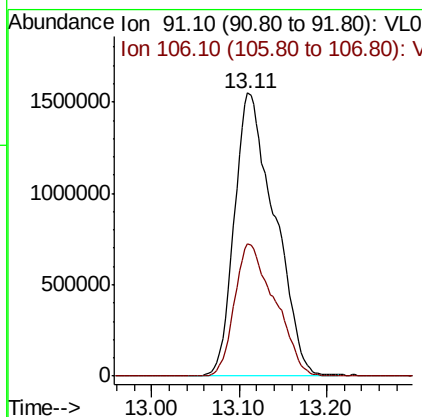
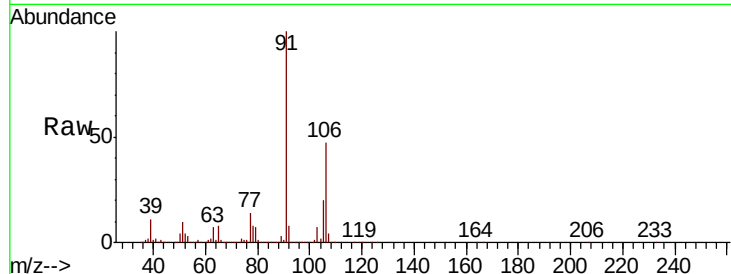
#59
m/p-Xylene
Concen: 16.977 ppbv
RT: 13.11 min Scan# 3164
Delta R.T. -0.04 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

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

Tot Ion: 91 Resp: 4927228
Ion Ratio Lower Upper
91 100
106 47.1 35.8 53.6

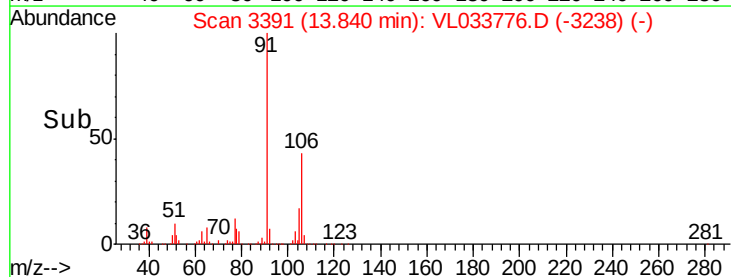
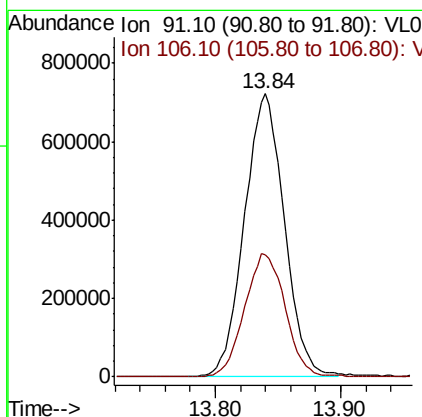
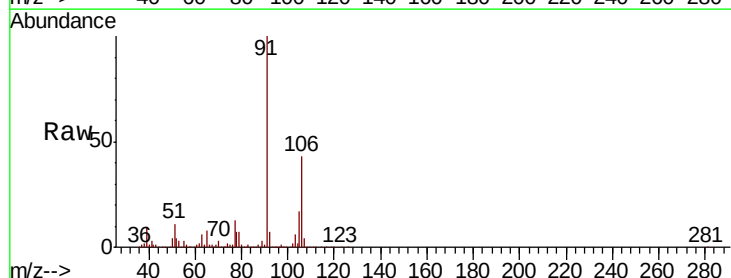
Manual Integrations
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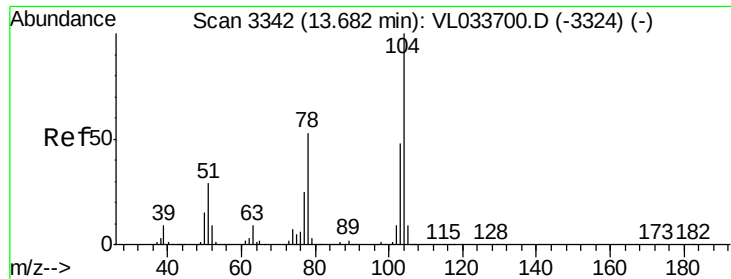
MMDadoda
5/28/2019 2:53:29 AM



#60
o-Xylene
Concen: 5.444 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 91 Resp: 1592809
Ion Ratio Lower Upper
91 100
106 44.6 21.6 64.8





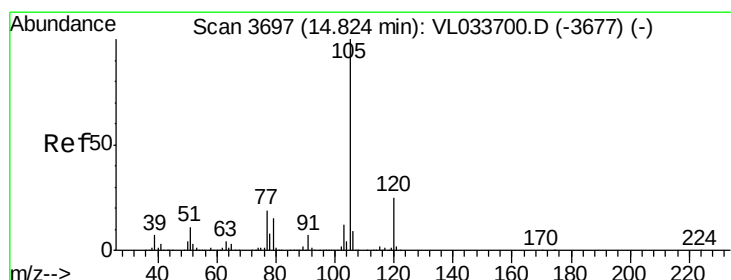
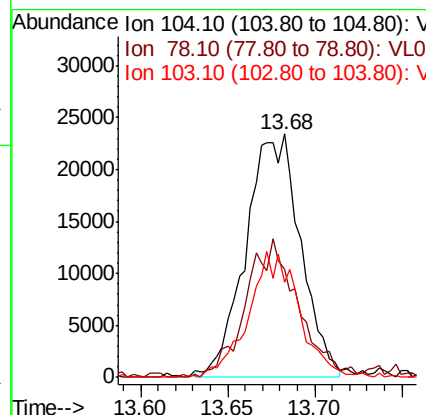
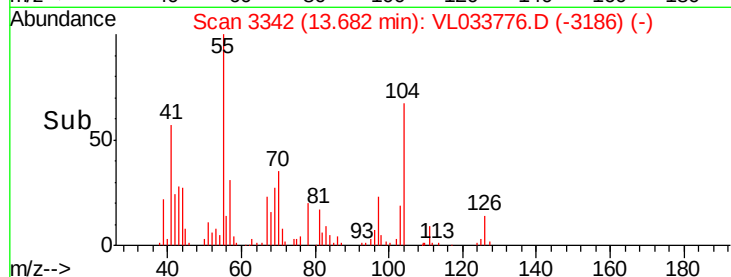
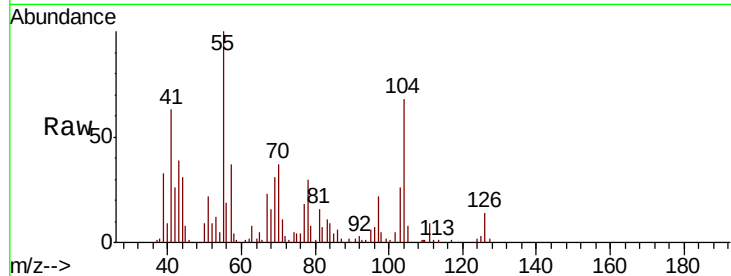
#61
Stvrene
Concen: 0.259 ppbv m
RT: 13.68 min Scan# 3342
Delta R.T. 0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

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

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.3	42.6	64.0
103	47.8	37.8	56.6

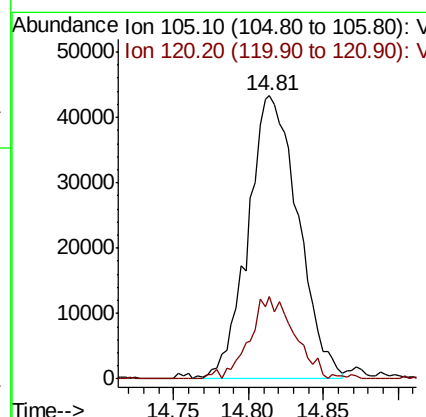
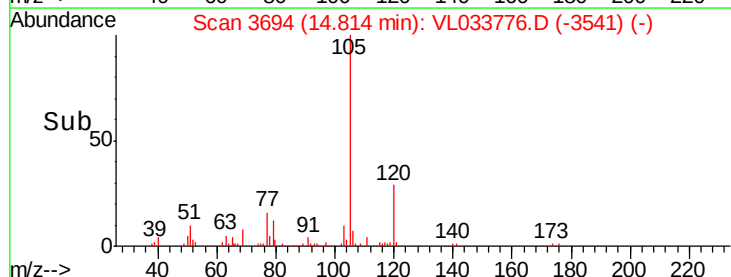
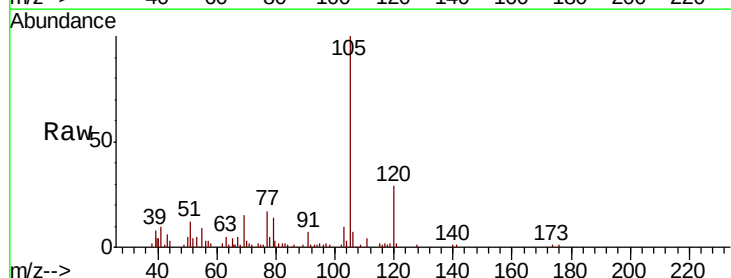
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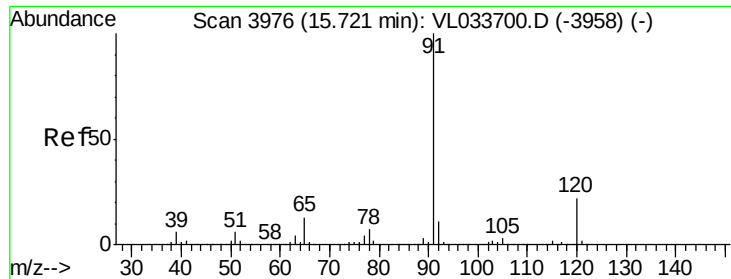
MMDadoda
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#62
Isopropylbenzene
Concen: 0.256 ppbv
RT: 14.81 min Scan# 3694
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.1	30.1





#64

n-propylbenzene

Concen: 0.985 ppbv

RT: 15.71 min Scan# 3974

Delta R.T. -0.01 min

Lab File: VL033776.D

Acq: 23 May 2019 16:49

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3005-25

Tot Ion:120 Resp: 100427

Ion Ratio Lower Upper

120 100

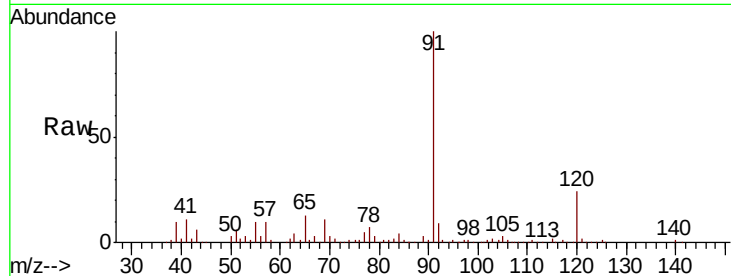
91 486.7 379.1 568.7

Manual Integrations

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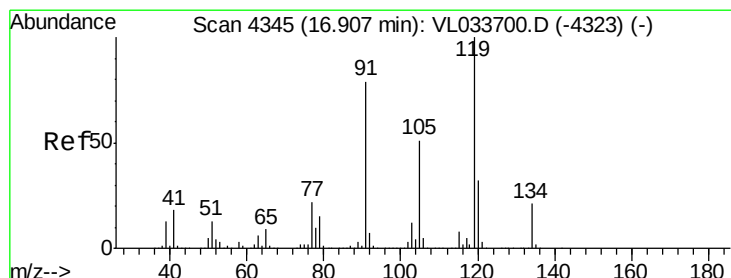
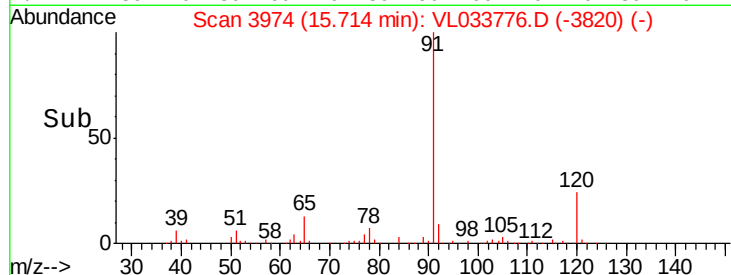
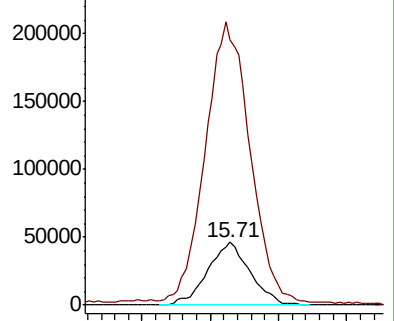
MMDadoda

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Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.387 ppbv

RT: 16.92 min Scan# 4349

Delta R.T. 0.01 min

Lab File: VL033776.D

Acq: 23 May 2019 16:49

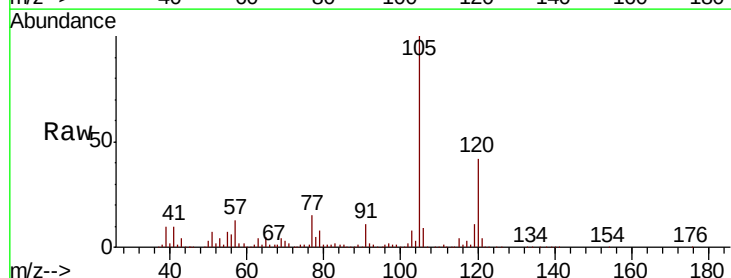
Tgt Ion:119 Resp: 139047

Ion Ratio Lower Upper

119 100

91 108.4 65.3 97.9#

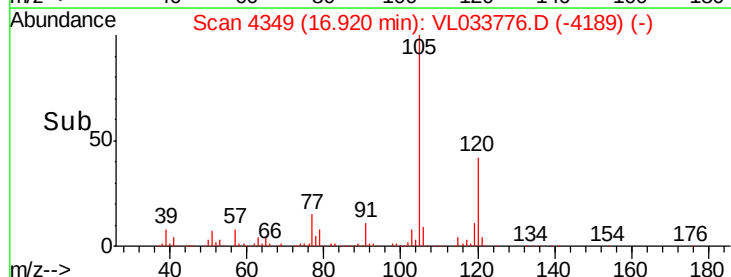
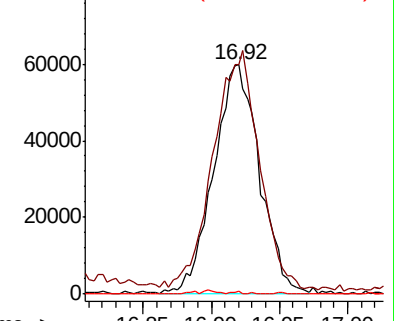
134 0.8 15.7 23.5#

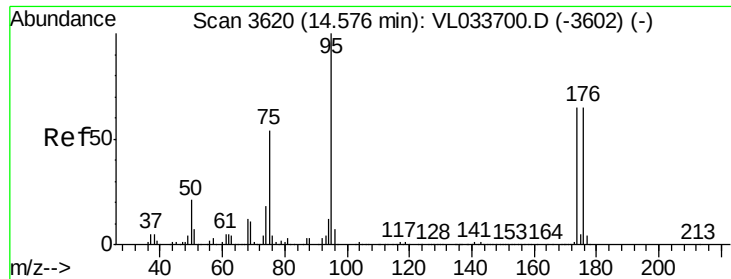


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V





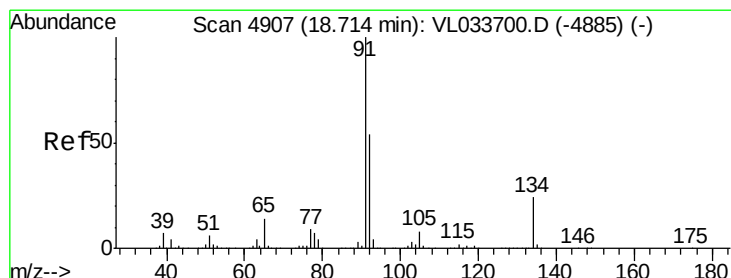
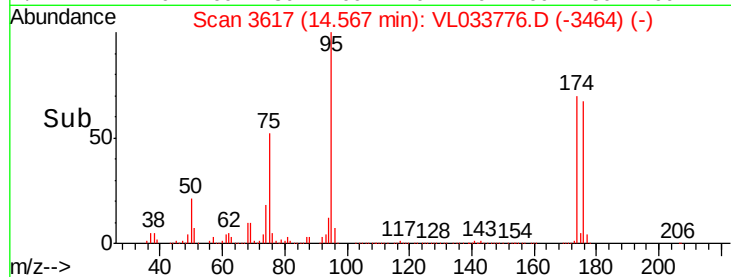
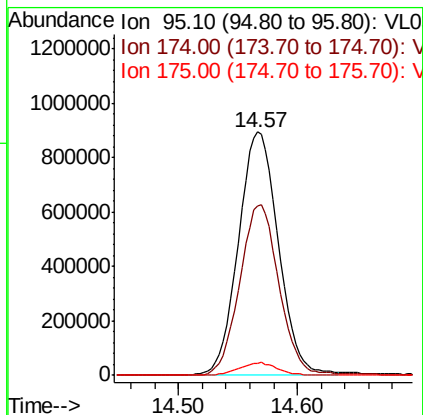
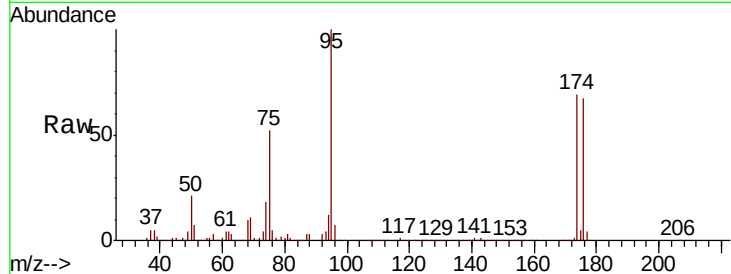
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.200 ppbv
 RT: 14.57 min Scan# 3617
 Delta R.T. -0.01 min
 Lab File: VL033776.D
 Acq: 23 May 2019 16:49

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

Tot Ion: 95 Resp: 2073181
 Ion Ratio Lower Upper
 95 100
 174 70.0 53.9 80.9
 175 5.1 3.8 5.8

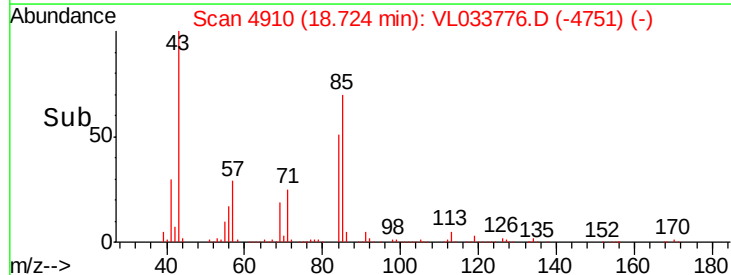
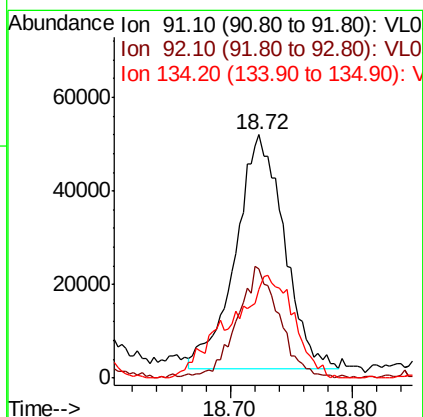
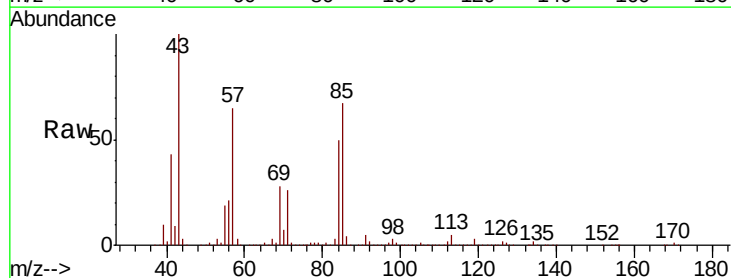
Manual Integrations
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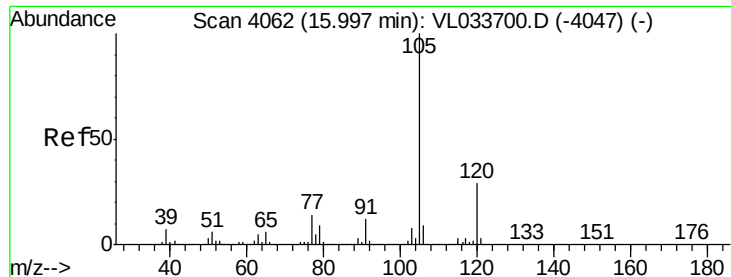
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#70
 n-Butylbenzene
 Concen: 0.309 ppbv
 RT: 18.72 min Scan# 4910
 Delta R.T. 0.01 min
 Lab File: VL033776.D
 Acq: 23 May 2019 16:49

Tgt Ion: 91 Resp: 137931
 Ion Ratio Lower Upper
 91 100
 92 42.2 42.6 63.8#
 134 58.2 18.1 27.1#





#72

4-Ethyltoluene

Concen: 1.637 ppbv

RT: 15.99 min Scan# 4061

Delta R.T. -0.00 min

Lab File: VL033776.D

Acq: 23 May 2019 16:49

Instrument :

MSVOA_L

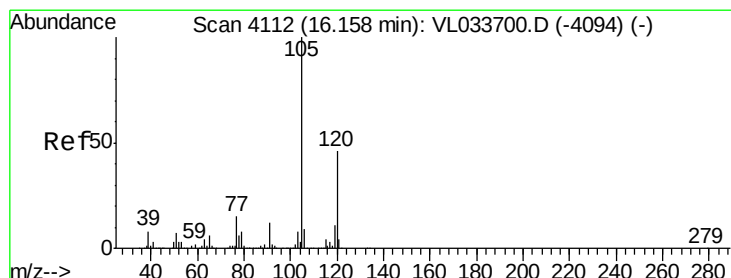
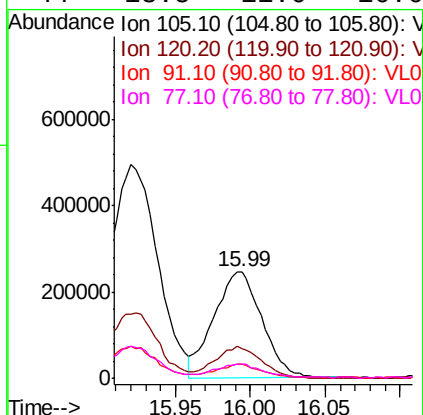
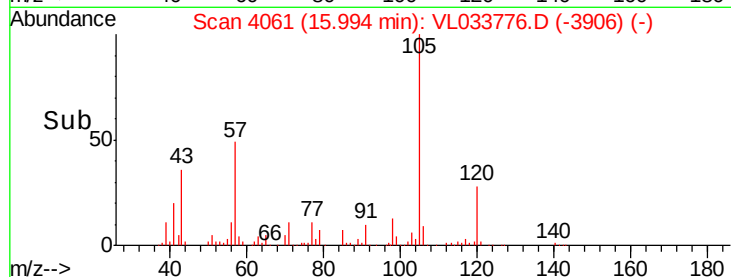
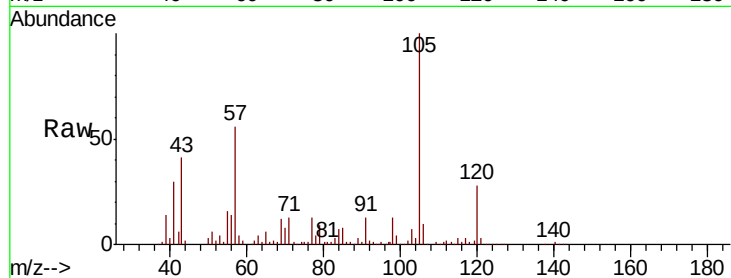
ClientSampleId :

BPS1-SG-3005-25

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	547598		
120	120	29.1		23.1	34.7
91	91	13.1		10.4	15.6
77	77	13.5		11.0	16.6

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#73

1,3,5-Trimethylbenzene

Concen: 1.132 ppbv

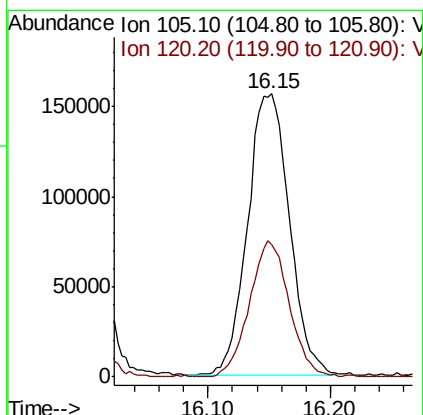
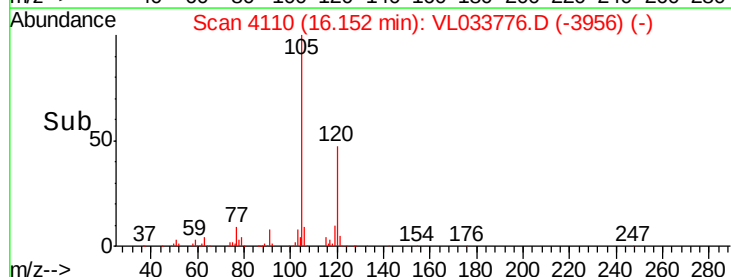
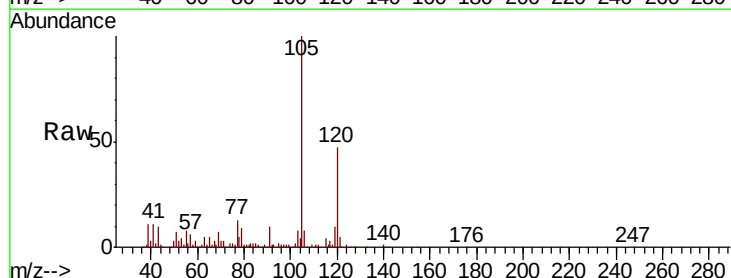
RT: 16.15 min Scan# 4110

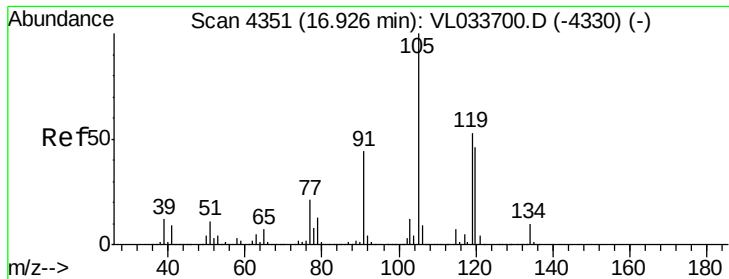
Delta R.T. -0.01 min

Lab File: VL033776.D

Acq: 23 May 2019 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	369584		
120	120	47.0		37.0	55.4





#74

1,2,4-Trimethylbenzene

Concen: 3.520 ppbv

RT: 16.92 min Scan# 4349

Delta R.T. -0.01 min

Lab File: VL033776.D

Acq: 23 May 2019 16:49

Instrument :

MSVOA_L

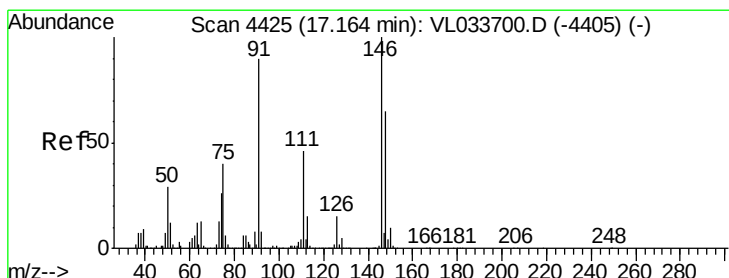
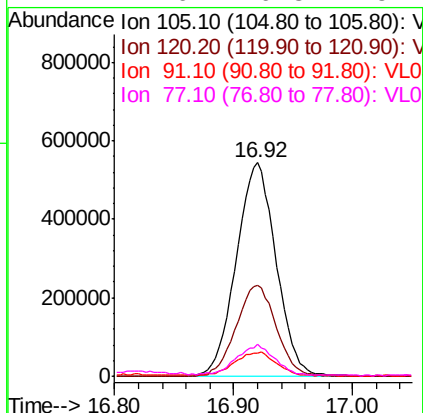
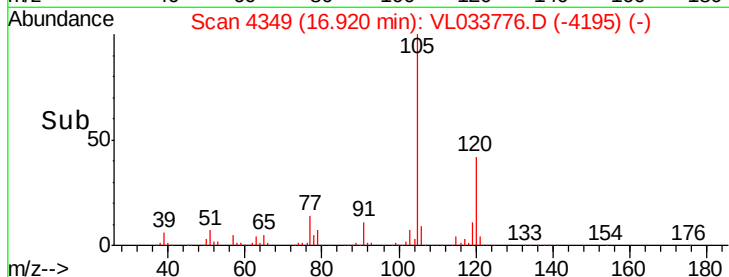
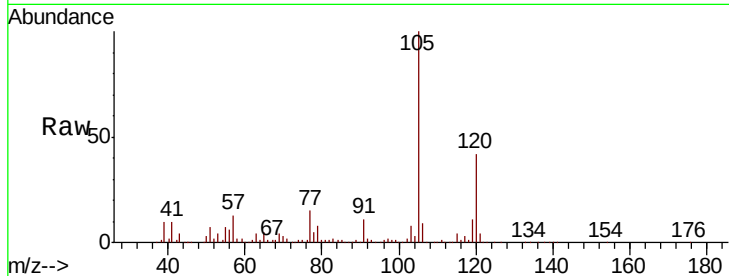
ClientSampleId :

BPS1-SG-3005-25

Tot Ion	Ratio	Lower	Upper
105	100		
120	42.3	36.8	55.2
91	10.7	35.4	53.0#
77	14.6	16.8	25.2#

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#75

1,3-Dichlorobenzene

Concen: 0.228 ppbv m

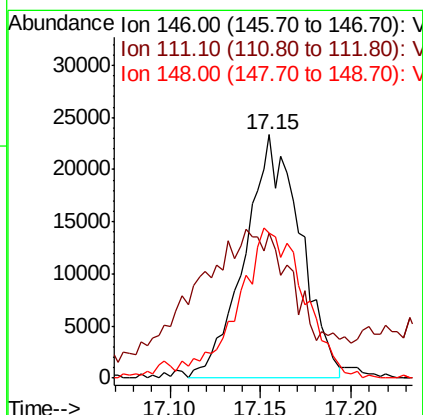
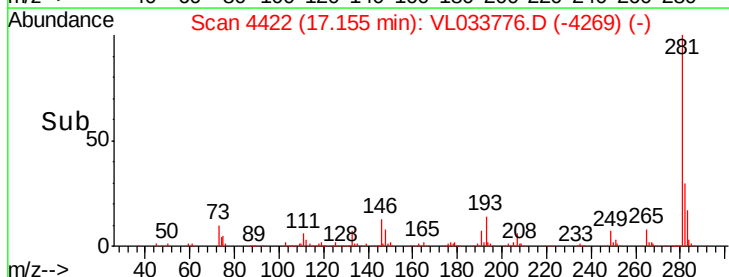
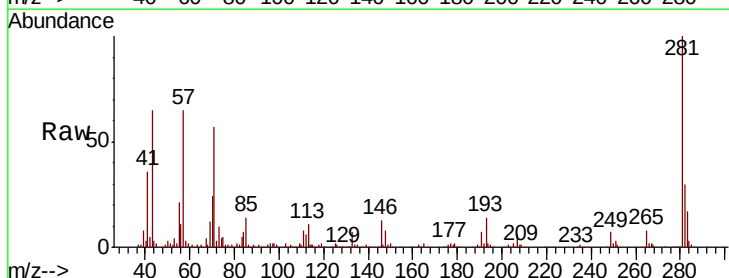
RT: 17.15 min Scan# 4422

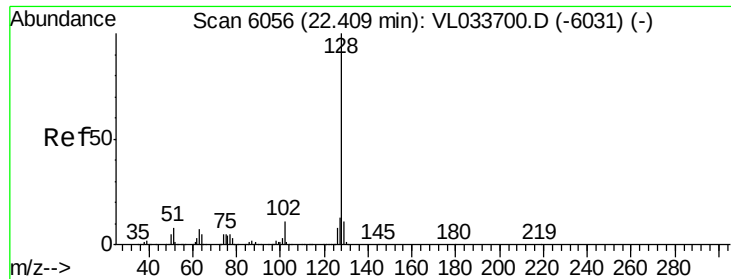
Delta R.T. -0.01 min

Lab File: VL033776.D

Acq: 23 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.9	68.8#
148	0.0	32.0	96.2#





#79

Naphthalene

Concen: 0.306 ppbv m

RT: 22.42 min Scan# 6058

Delta R.T. 0.01 min

Lab File: VL033776.D

Acq: 23 May 2019 16:49

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3005-25

Tot Ion:	128	Resp:	100963
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	16.0
129	9.3	8.9	13.3

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