

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052319\
 Data File : VL033791.D
 Acq On : 24 May 2019 2:44
 Operator : SY/AP
 Sample : K2929-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3009-55

Manual Integrations
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MMDadoda
 5/28/2019 2:53:55 AM

Quant Time: May 24 07:26:52 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	5.77	49	873973	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2310228	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2376762	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.57	95	1865440	9.68	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	35725m	0.194	ppbv	
3) Chlorodifluoromethane	3.01	51	45586m	0.455	ppbv	
4) Chloromethane	3.17	50	10576	0.185	ppbv	89
9) Propene	3.03	41	3022179	70.975	ppbv	93
10) Heptane	8.24	43	1000032	8.294	ppbv	99
11) Trichlorofluoromethane	4.00	101	144000	0.819	ppbv	95
13) Ethanol	3.65	45	486878	35.377	ppbv	99
15) Acetone	3.90	43	11677461	96.302	ppbv #	83
17) tert-Butyl alcohol	4.36	59	296461	3.023	ppbv	96
20) Methylene Chloride	4.41	84	44393	0.951	ppbv #	91
26) Hexane	5.78	57	808081	8.824	ppbv #	69
27) Carbon Disulfide	4.62	76	675694	5.378	ppbv	100
29) Chloroform	5.85	83	194420	1.153	ppbv	96
30) Cyclohexane	7.24	84	114027	1.481	ppbv #	88
34) 2-Butanone	5.33	43	1720800	12.017	ppbv	98
36) Benzene	7.00	78	1060972	5.049	ppbv	96
38) Trichloroethene	7.96	130	2085m	0.027	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	409339	1.153	ppbv #	69
50) 4-Methyl-2-Pentanone	8.87	43	308558	1.401	ppbv	97
51) 2-Hexanone	10.26	43	259997	1.512	ppbv #	77
52) Tetrachloroethene	11.38	164	22064m	0.299	ppbv	
53) Toluene	9.94	91	9141111	40.329	ppbv	97
58) Ethyl Benzene	12.86	91	1879894	5.973	ppbv	100
59) m/p-Xylene	13.12	91	5569342	20.242	ppbv	95
60) o-Xylene	13.84	91	1851880	6.677	ppbv	98
61) Styrene	13.68	104	53021	0.284	ppbv	96
62) Isopropylbenzene	14.82	105	110872	0.297	ppbv	99
64) n-propylbenzene	15.71	120	88092	0.912	ppbv	98
70) n-Butylbenzene	18.74	91	97628m	0.231	ppbv	
72) 4-Ethyltoluene	15.99	105	451075	1.422	ppbv	99
73) 1,3,5-Trimethylbenzene	16.15	105	283617	0.917	ppbv	100
74) 1,2,4-Trimethylbenzene	16.92	105	1006809	2.990	ppbv #	75
75) 1,3-Dichlorobenzene	17.16	146	30704m	0.149	ppbv	
76) 1,4-Dichlorobenzene	17.30	146	24727	0.126	ppbv	83
79) Naphthalene	22.41	128	75495m	0.241	ppbv	

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

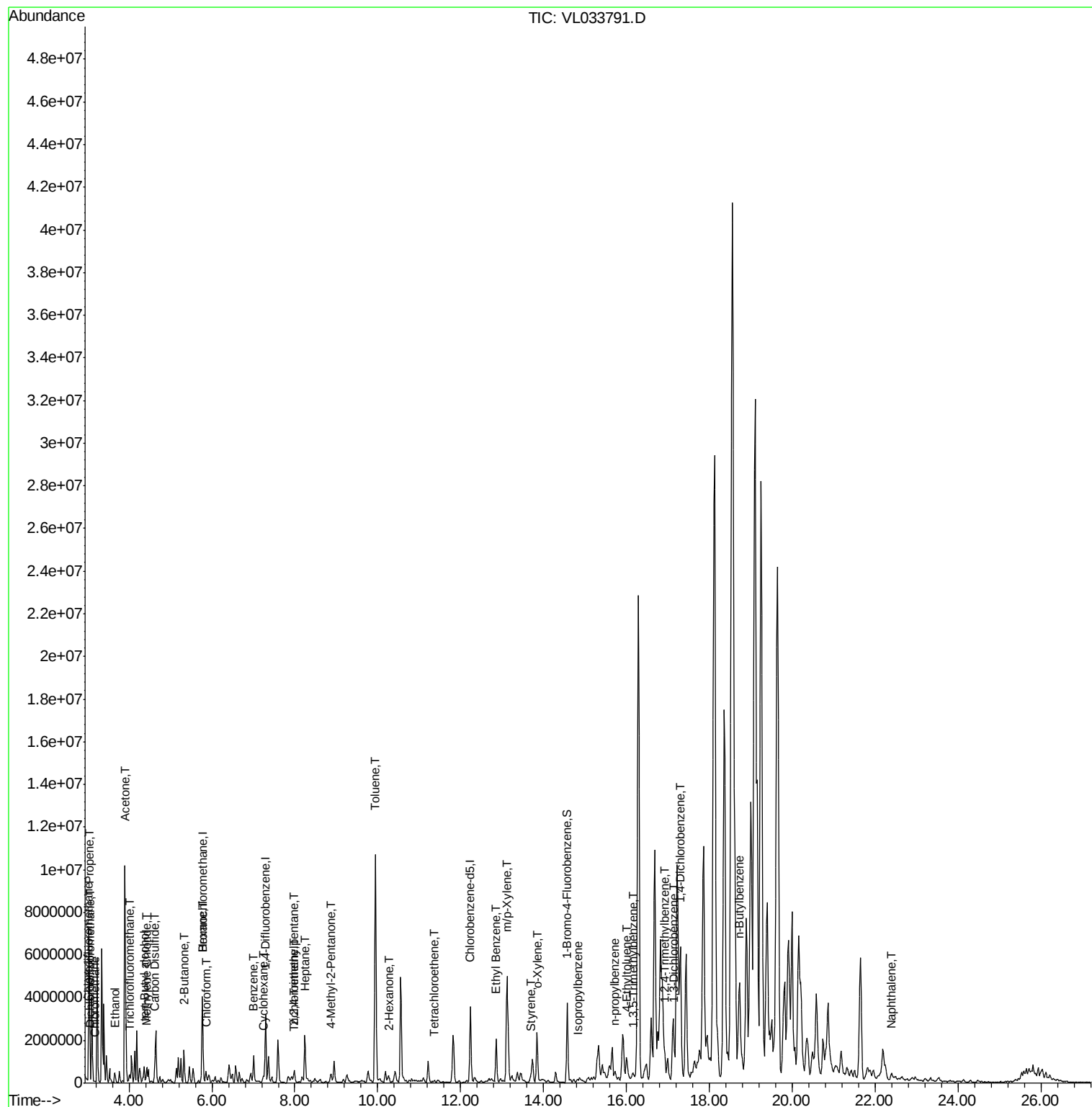
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052319\
Data File : VL033791.D
Acq On : 24 May 2019 2:44
Operator : SY/AP
Sample : K2929-06
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

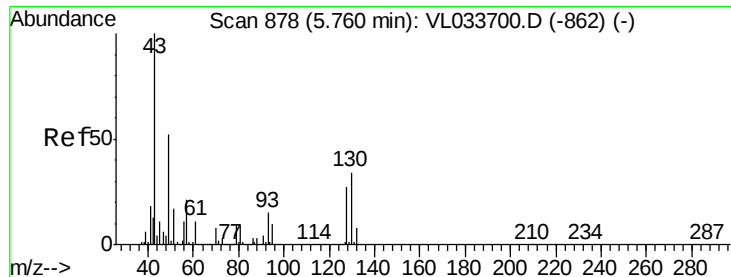
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Manual Integrations
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5/28/2019 2:53:55 AM

Quant Time: May 24 07:26:52 2019
Quant Method : Z:\V0ASRV\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: 5.77 min Scan# 880

Delta R.T. 0.01 min

Lab File: VL033791.D

Acq: 24 May 2019 2:44

Instrument :

MSVOA_L

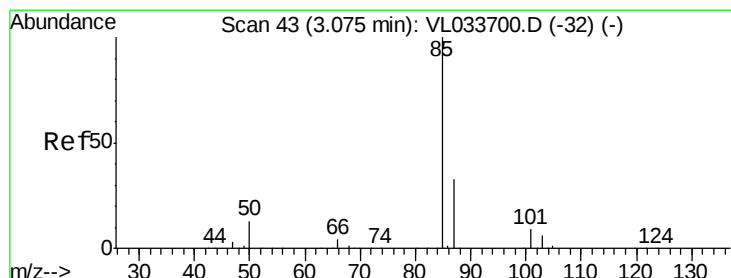
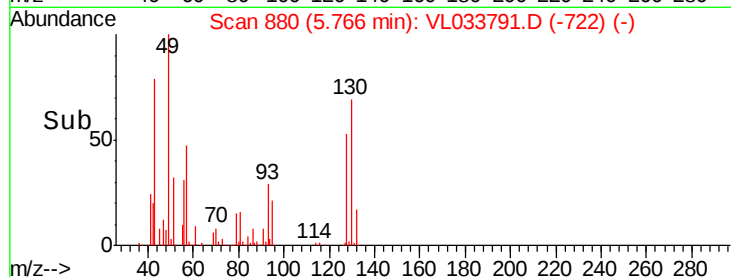
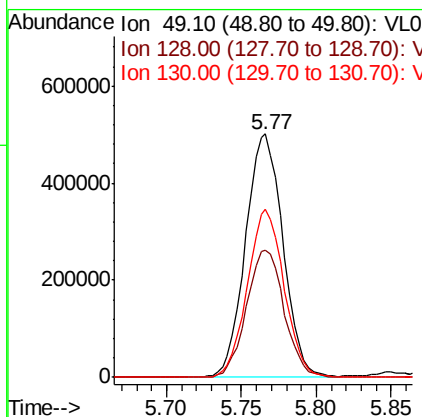
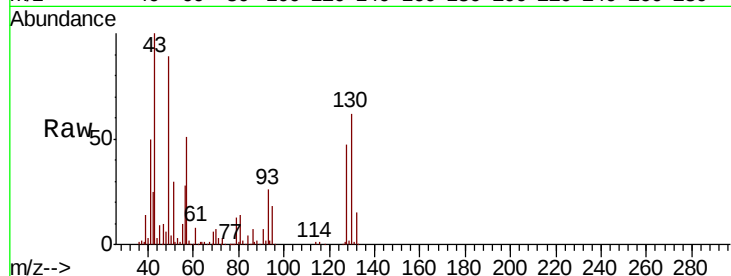
ClientSampleId :

BPS1-SG-3009-55

Tot Ion:	49	Resp:	873973
Ion	Ratio	Lower	Upper
49	100		
128	52.9	25.2	75.6
130	67.8	32.5	97.5

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#2

Dichlorodifluoromethane

Concen: 0.194 ppbv m

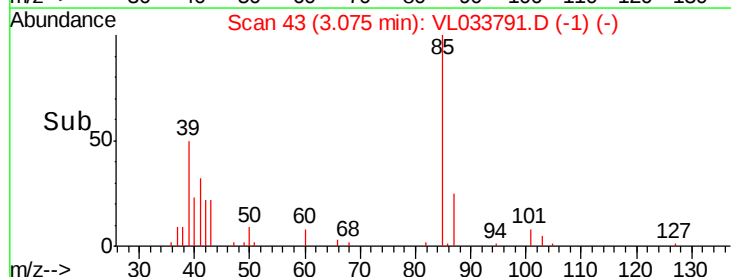
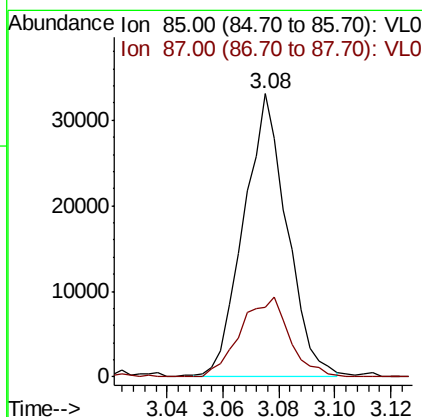
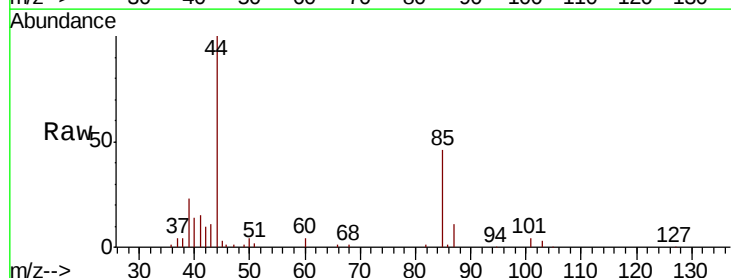
RT: 3.08 min Scan# 43

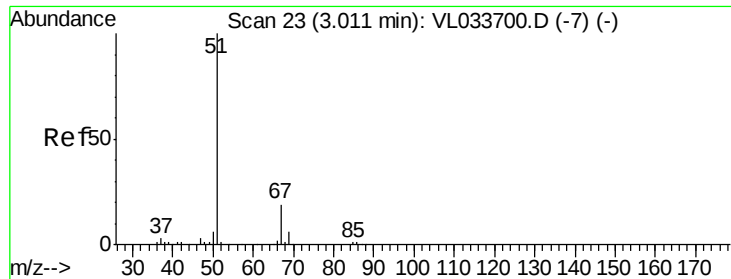
Delta R.T. 0.00 min

Lab File: VL033791.D

Acq: 24 May 2019 2:44

Tgt Ion:	85	Resp:	35725
Ion	Ratio	Lower	Upper
85	100		
87	24.8	26.3	39.5#





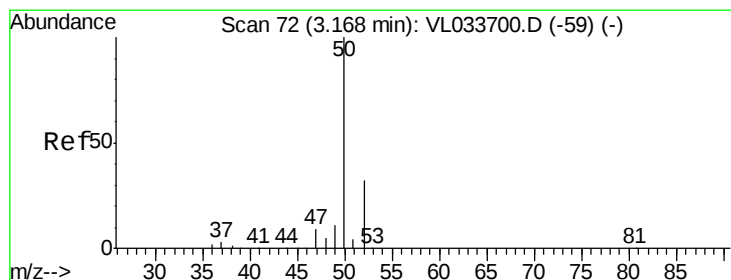
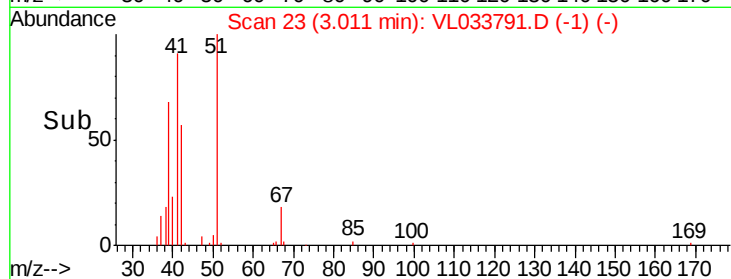
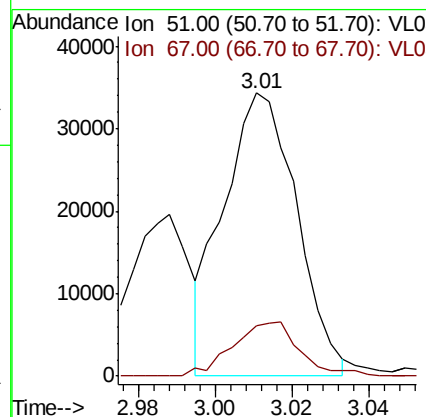
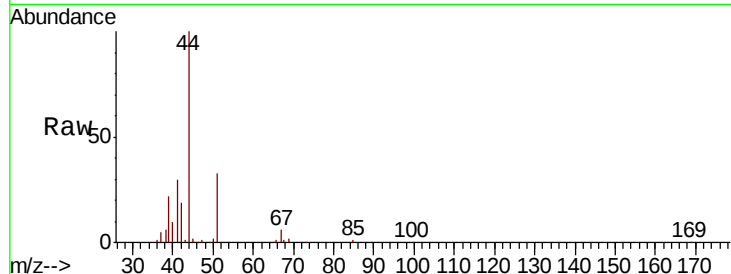
#3
Chlorodifluoromethane
Concen: 0.455 ppbv
RT: 3.01 min Scan# 23
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tot Ion	Ratio	Lower	Upper
51	100		
67	17.6	15.6	23.4

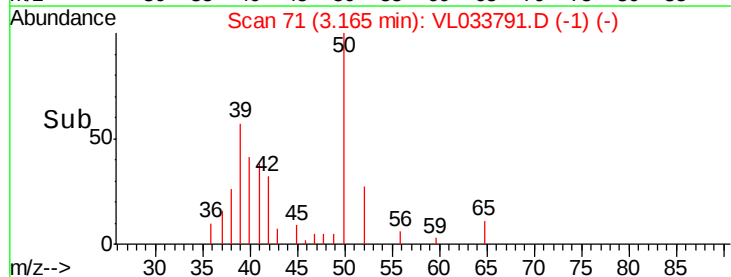
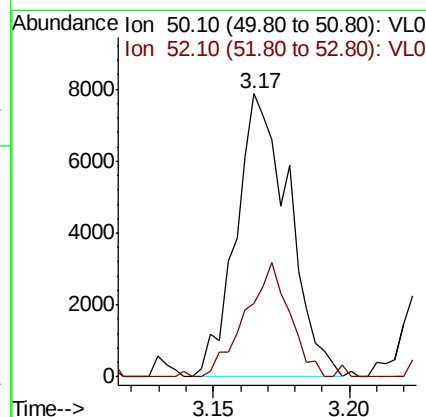
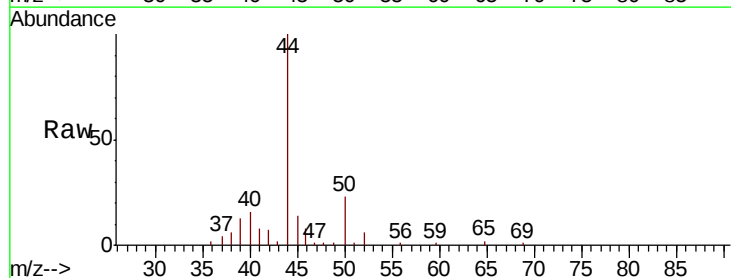
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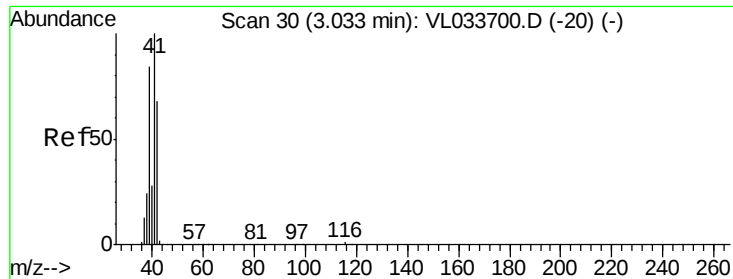
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#4
Chloromethane
Concen: 0.185 ppbv
RT: 3.17 min Scan# 71
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion	Ratio	Lower	Upper
50	100		
52	25.9	25.7	38.5





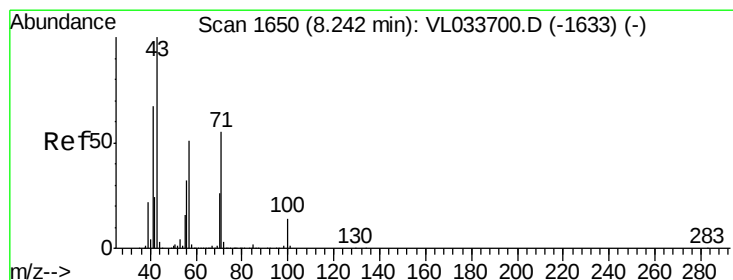
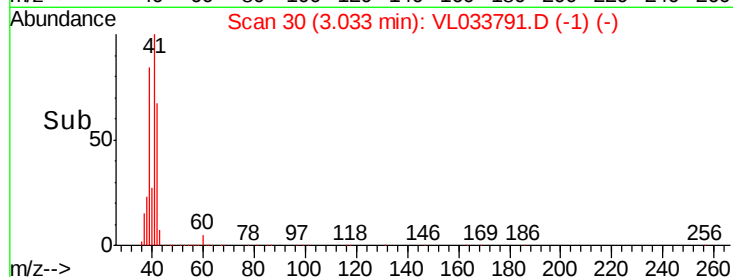
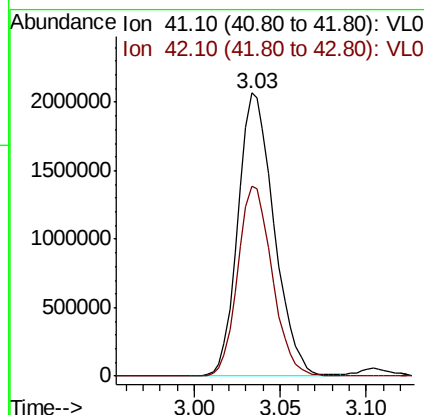
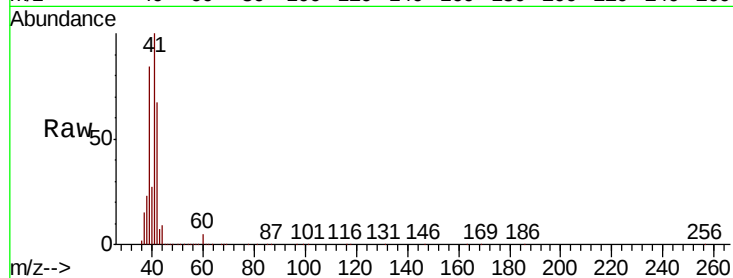
#9
 Propene
 Concen: 70.975 ppbv
 RT: 3.03 min Scan# 30
 Delta R.T. 0.00 min
 Lab File: VL033791.D
 Acq: 24 May 2019 2:44

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3009-55

Tot Ion: 41 Resp: 3022179
 Ion Ratio Lower Upper
 41 100
 42 64.2 56.1 84.1

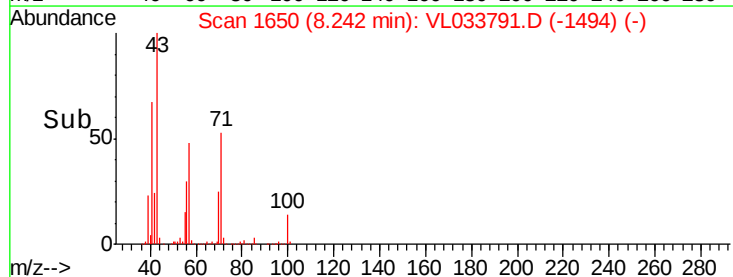
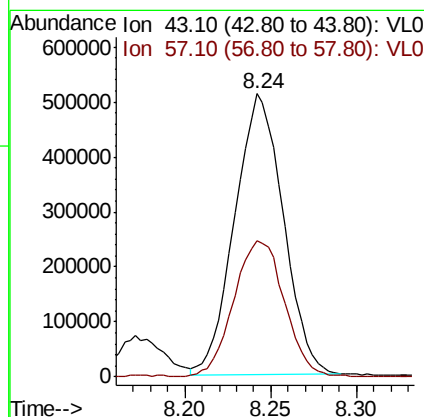
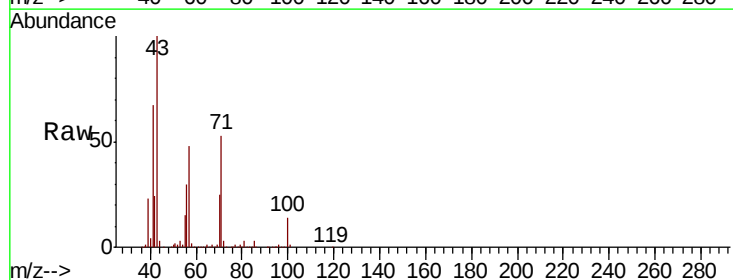
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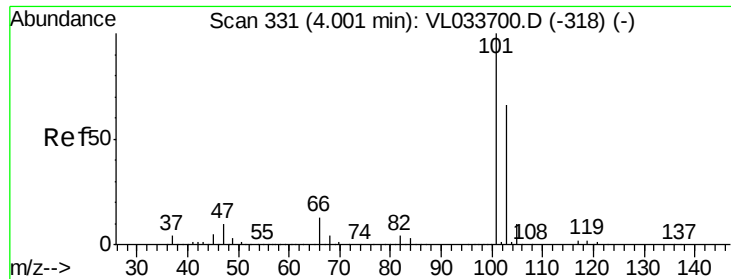
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#10
 Heptane
 Concen: 8.294 ppbv
 RT: 8.24 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: VL033791.D
 Acq: 24 May 2019 2:44

Tgt Ion: 43 Resp: 1000032
 Ion Ratio Lower Upper
 43 100
 57 50.7 41.4 62.0





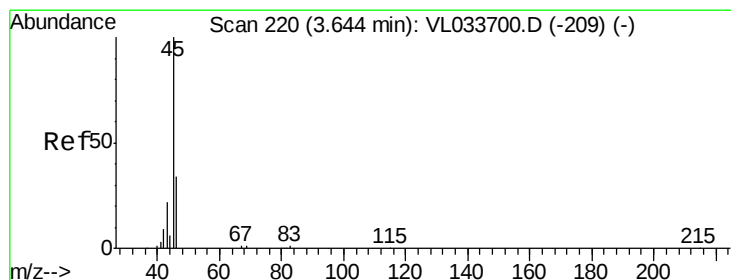
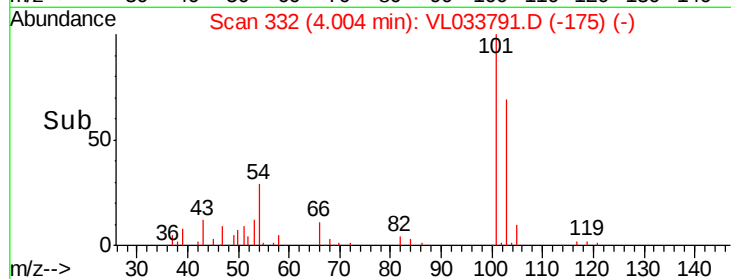
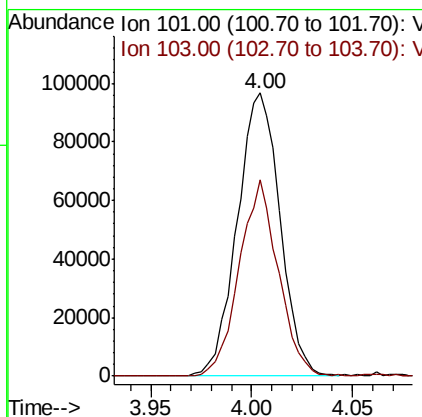
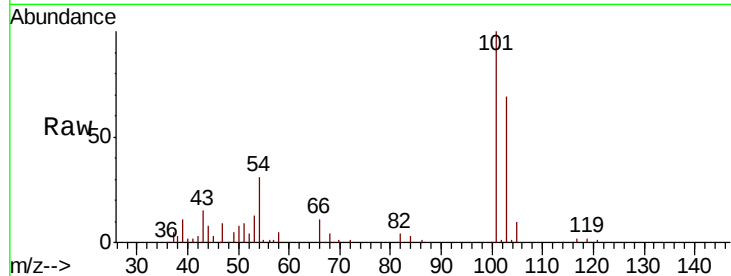
#11
 Trichlorofluoromethane
 Concen: 0.819 ppbv
 RT: 4.00 min Scan# 332
 Delta R.T. 0.00 min
 Lab File: VL033791.D
 Acq: 24 May 2019 2:44

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3009-55

Tot Ion:101 Resp: 144000
 Ion Ratio Lower Upper
 101 100
 103 69.3 52.6 78.8

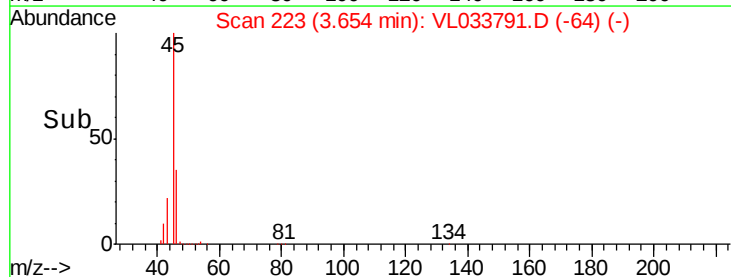
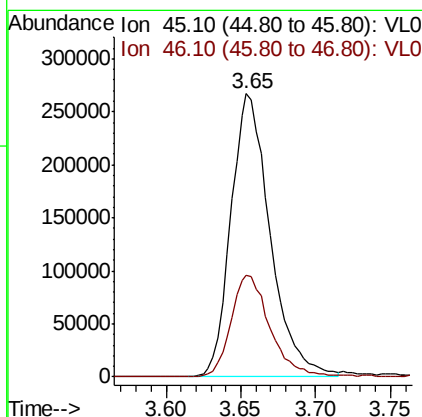
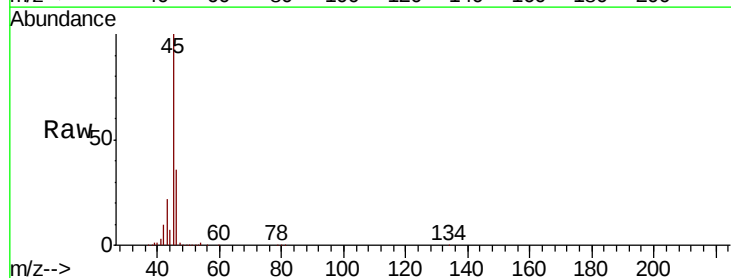
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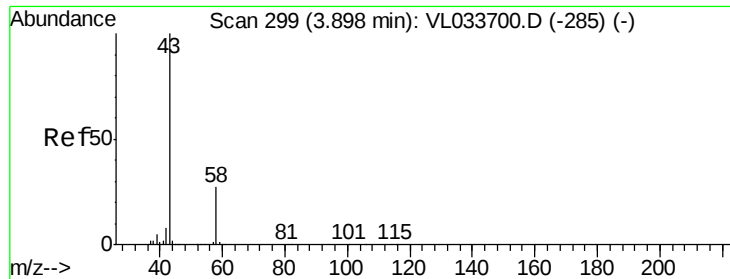
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#13
 Ethanol
 Concen: 35.377 ppbv
 RT: 3.65 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VL033791.D
 Acq: 24 May 2019 2:44

Tgt Ion: 45 Resp: 486878
 Ion Ratio Lower Upper
 45 100
 46 36.2 14.8 59.0





#15

Acetone

Concen: 96.302 ppbv

RT: 3.90 min Scan# 299

Delta R.T. 0.00 min

Lab File: VL033791.D

Acq: 24 May 2019 2:44

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3009-55

Tot Ion: 43 Resp: 11677461

Ion Ratio Lower Upper

43 100

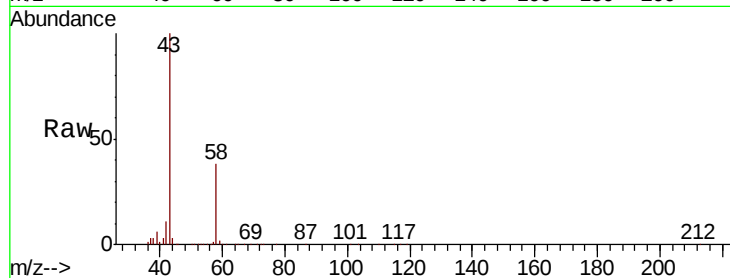
58 35.5 21.3 31.9#

Manual Integrations

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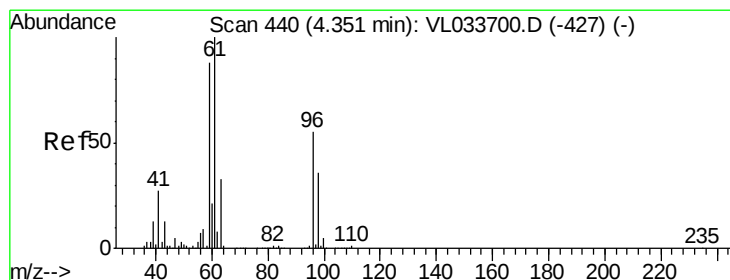
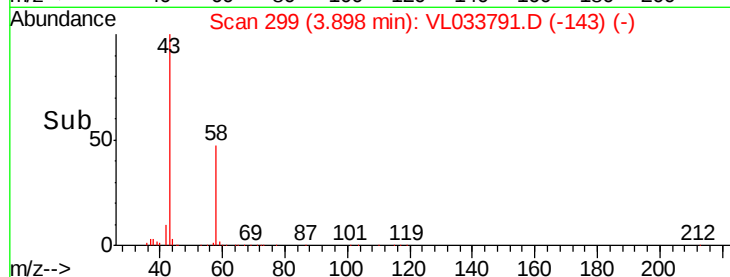
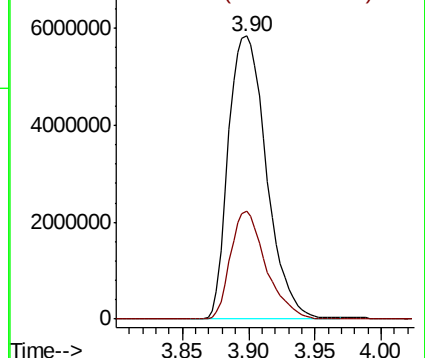
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#17

tert-Butyl alcohol

Concen: 3.023 ppbv

RT: 4.36 min Scan# 444

Delta R.T. 0.01 min

Lab File: VL033791.D

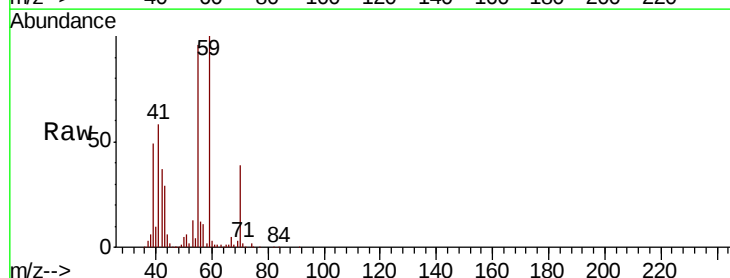
Acq: 24 May 2019 2:44

Tgt Ion: 59 Resp: 296461

Ion Ratio Lower Upper

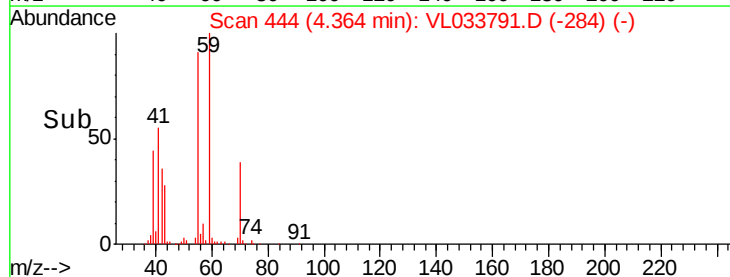
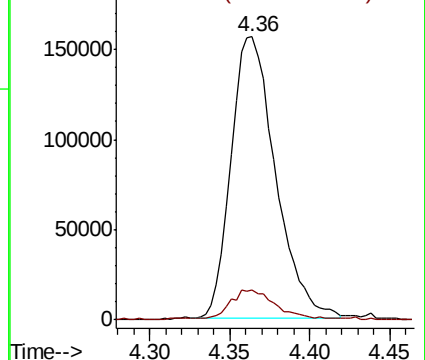
59 100

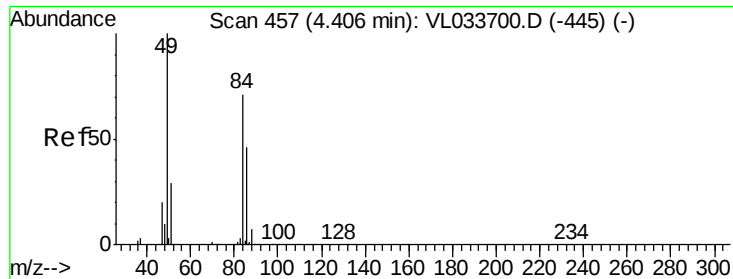
57 12.1 8.4 12.6



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





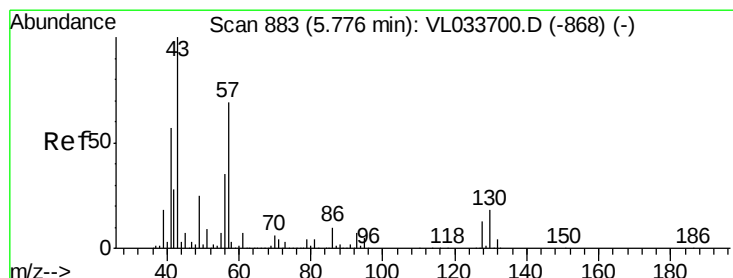
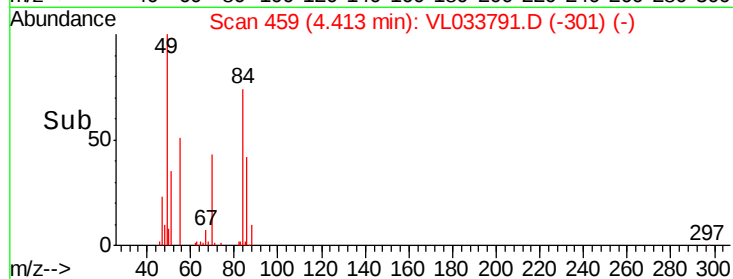
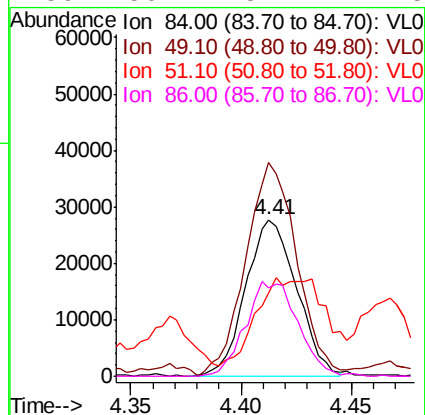
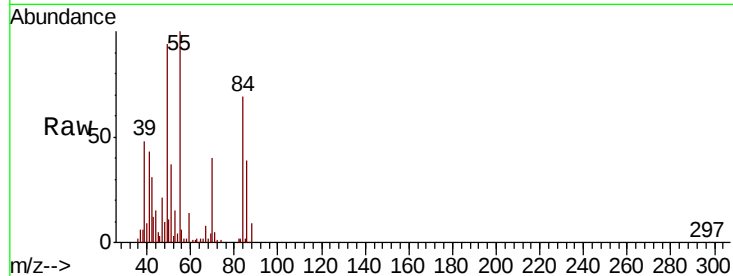
#20
Methvlene Chloride
Concen: 0.951 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tot Ion:	84	Resp:	44393
Ion	Ratio	Lower	Upper
84	100		
49	132.7	112.8	169.2
51	31.8	33.4	50.0#
86	56.7	51.7	77.5

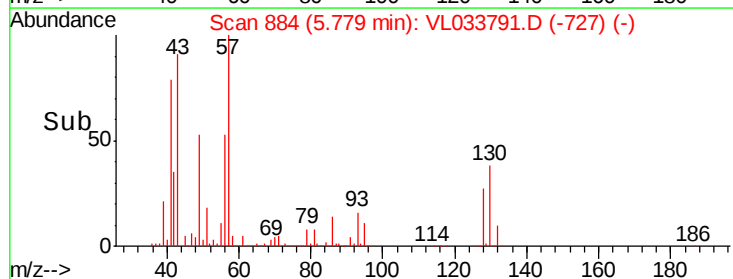
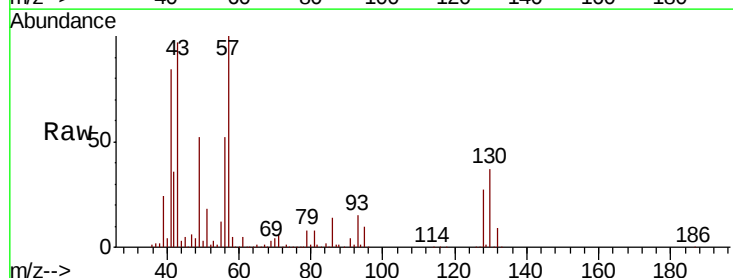
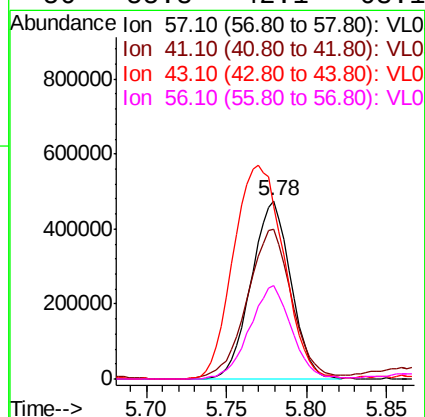
Manual Integrations
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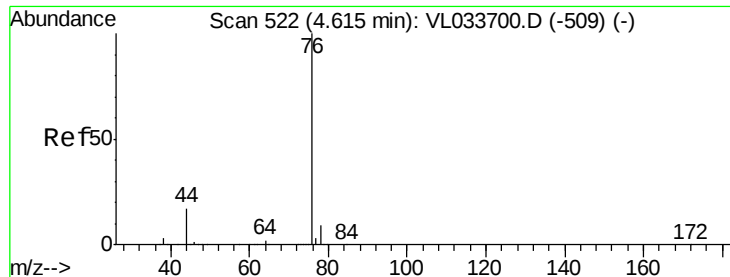
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#26
Hexane
Concen: 8.824 ppbv
RT: 5.78 min Scan# 884
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion:	57	Resp:	808081
Ion	Ratio	Lower	Upper
57	100		
41	94.1	69.8	104.6
43	151.0	181.8	272.6#
56	55.8	42.1	63.1





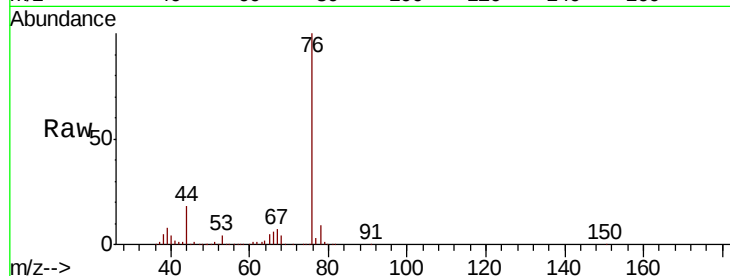
#27
Carbon Disulfide
Concen: 5.378 ppbv
RT: 4.62 min Scan# 523
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tot Ion	Ratio	Lower	Upper
76	100		
44	17.4	13.8	20.8
78	9.1	7.4	11.0

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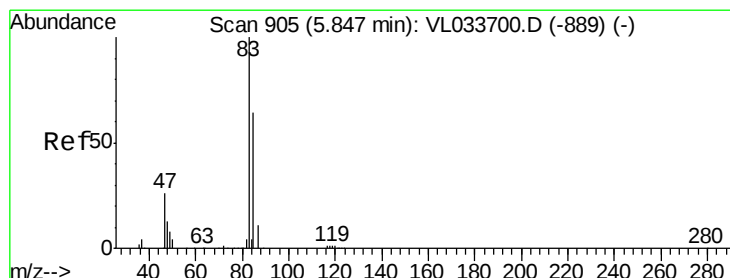
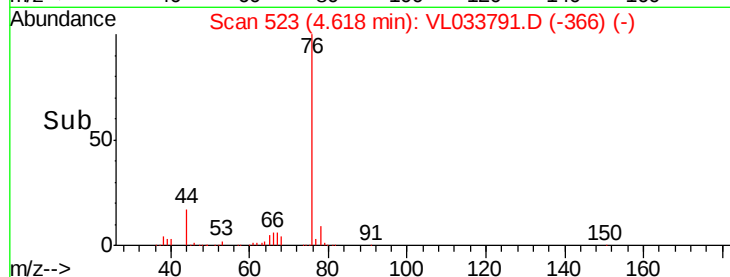
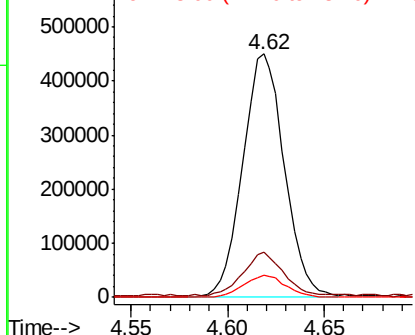


Abundance

Ion 76.00 (75.70 to 76.70): VL0

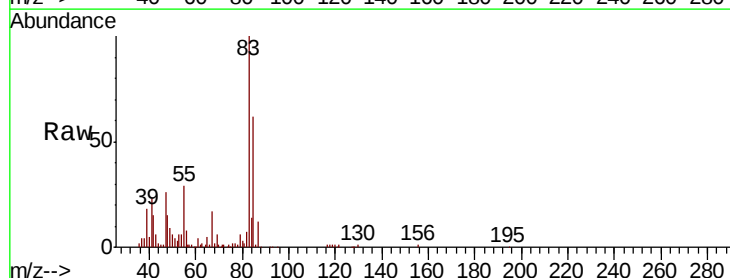
Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#29
Chloroform
Concen: 1.153 ppbv
RT: 5.85 min Scan# 906
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

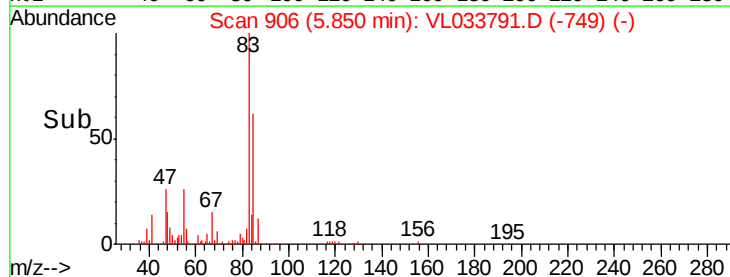
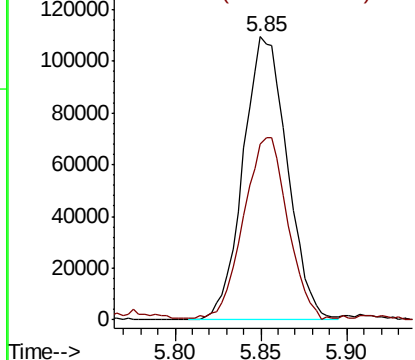
Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.5	77.3

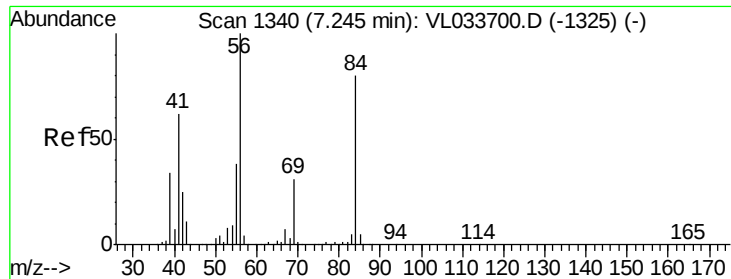


Abundance

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0





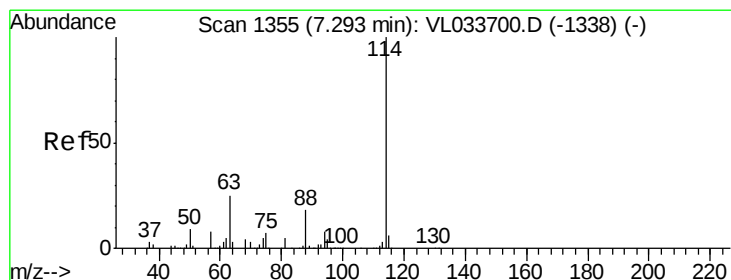
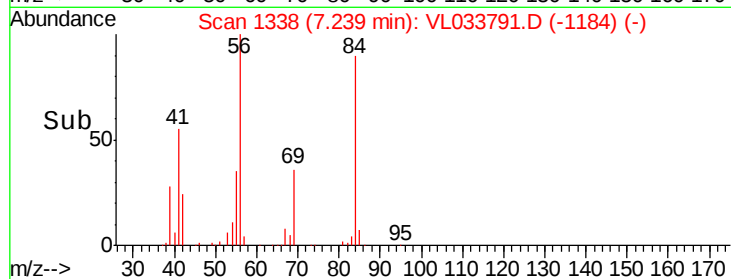
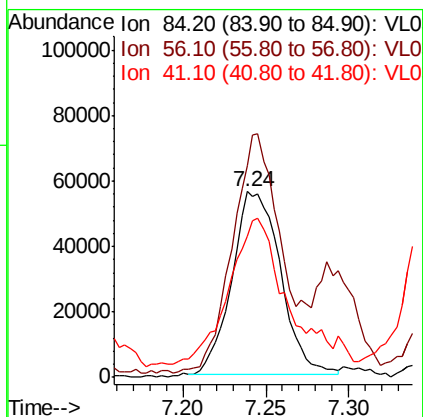
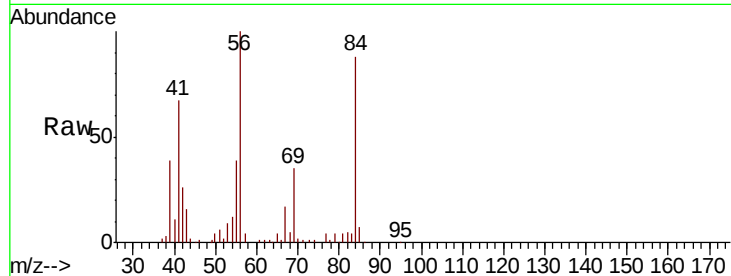
#30
Cyclohexane
Concen: 1.481 ppbv
RT: 7.24 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tot Ion	Ratio	Lower	Upper
84	100		
56	137.5	107.7	161.5
41	106.5	66.0	99.0

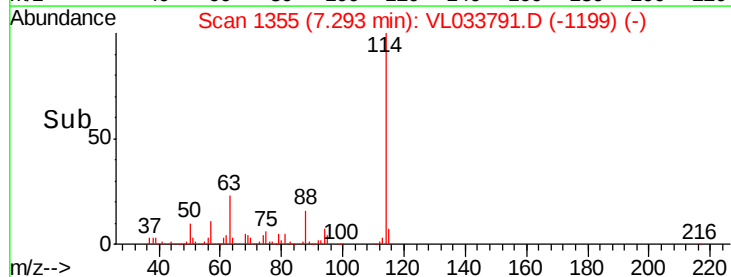
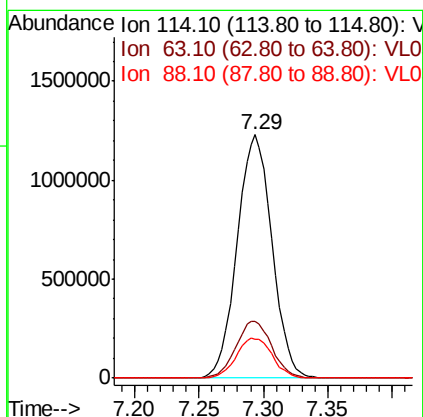
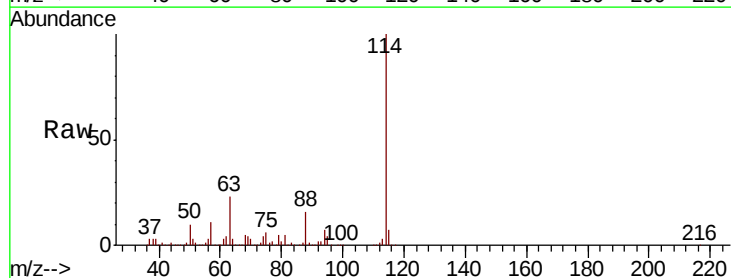
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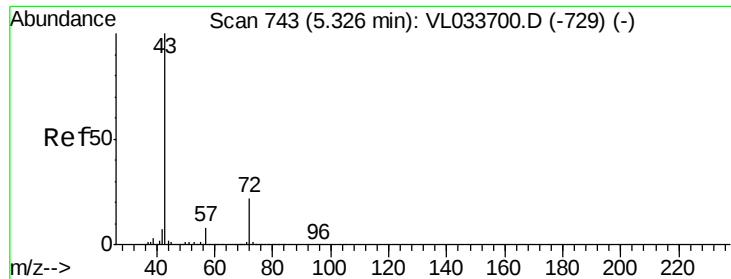
MMDadoda
5/28/2019 2:53:55 AM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.0	20.9	31.3
88	17.1	14.3	21.5





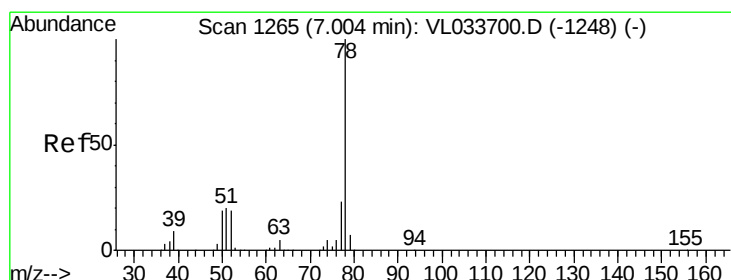
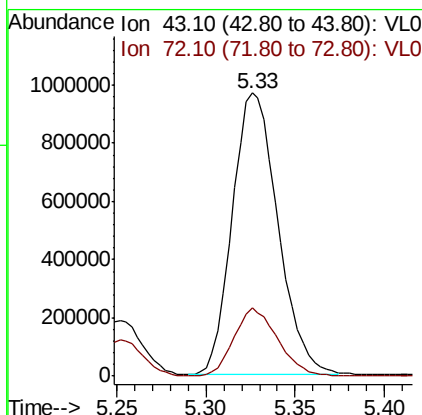
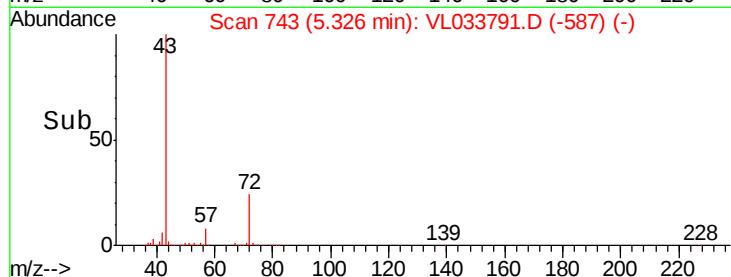
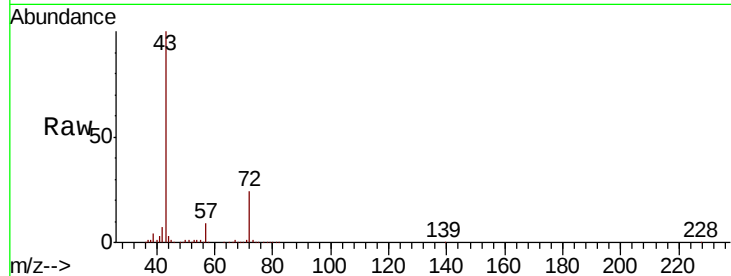
#34
 2-Butanone
 Concen: 12.017 ppbv
 RT: 5.33 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: VL033791.D
 Acq: 24 May 2019 2:44

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3009-55

Tot Ion: 43 Resp: 1720800
 Ion Ratio Lower Upper
 43 100
 72 23.2 17.8 26.6

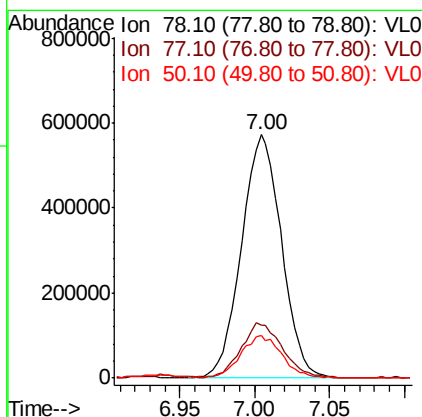
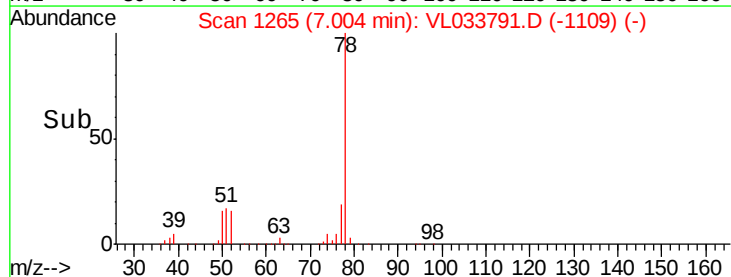
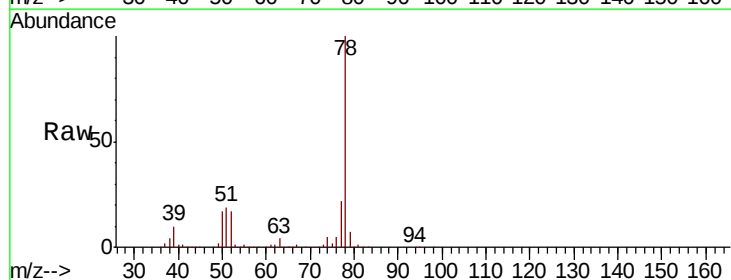
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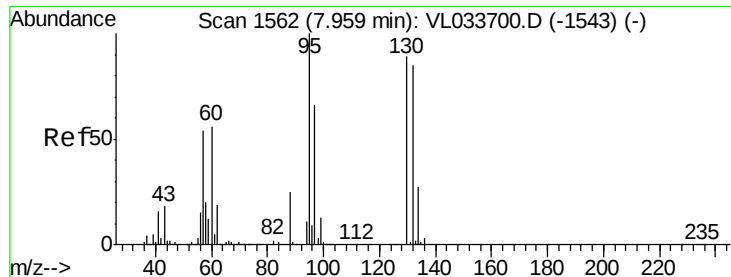
MMDadoda
 5/28/2019 2:53:55 AM



#36
 Benzene
 Concen: 5.049 ppbv
 RT: 7.00 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: VL033791.D
 Acq: 24 May 2019 2:44

Tgt Ion: 78 Resp: 1060972
 Ion Ratio Lower Upper
 78 100
 77 21.5 18.4 27.6
 50 17.1 15.5 23.3





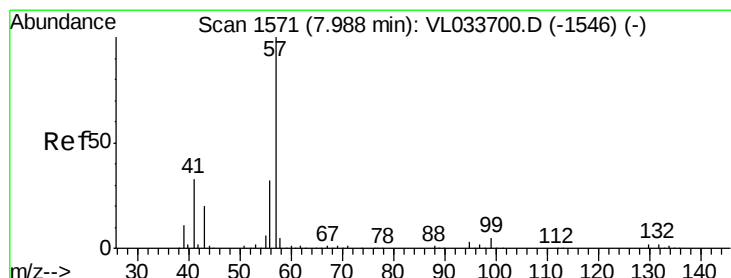
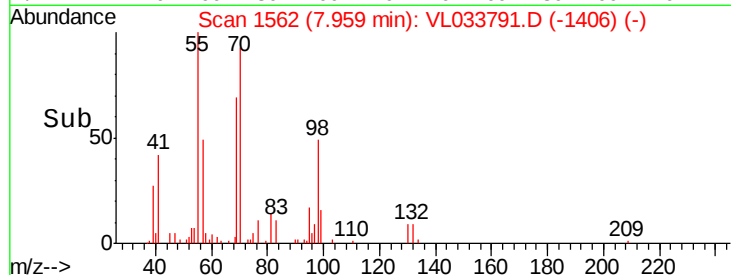
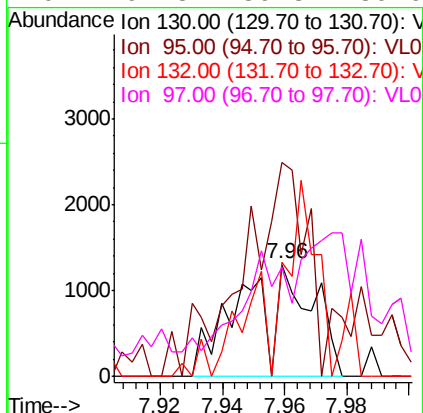
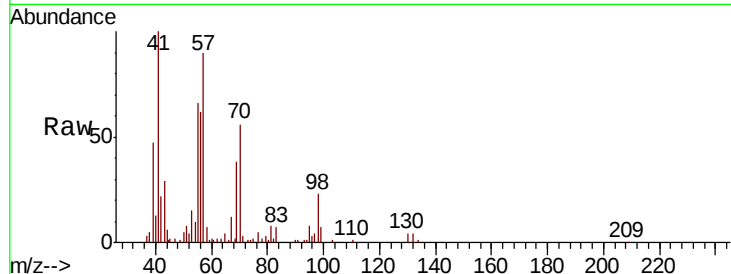
#38
 Trichloroethene
 Concen: 0.027 ppbv m
 RT: 7.96 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: VL033791.D
 Acq: 24 May 2019 2:44

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3009-55

Tot Ion	Ratio	Lower	Upper
130	100		
95	191.3	90.2	135.4#
132	102.5	76.4	114.6
97	97.8	59.8	89.6#

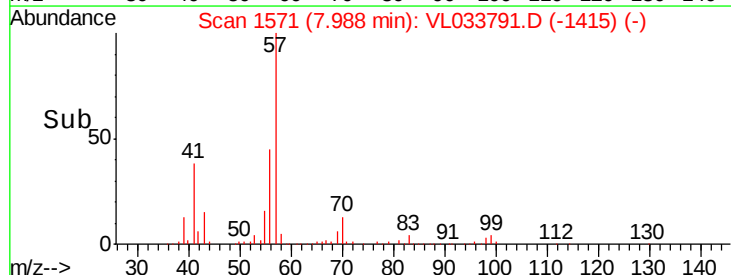
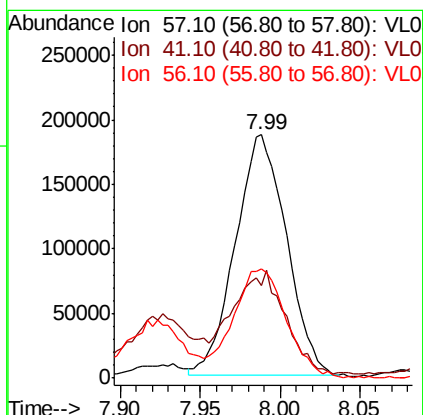
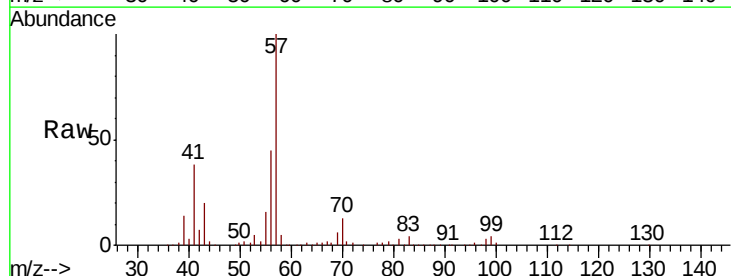
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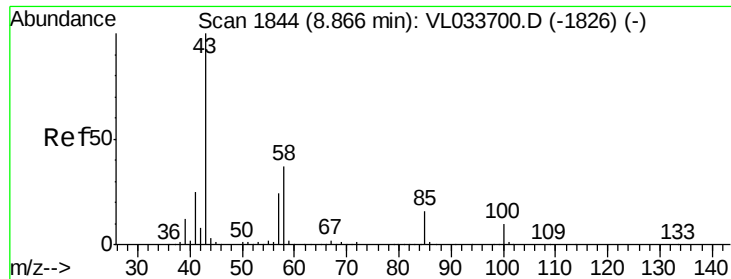
MMDadoda
 5/28/2019 2:53:55 AM



#44
 2,2,4-Trimethylpentane
 Concen: 1.153 ppbv
 RT: 7.99 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VL033791.D
 Acq: 24 May 2019 2:44

Tgt Ion	Ratio	Lower	Upper
57	100		
41	49.2	25.4	38.0#
56	47.7	24.7	37.1#





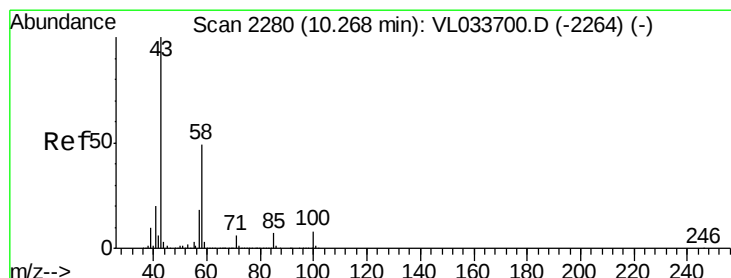
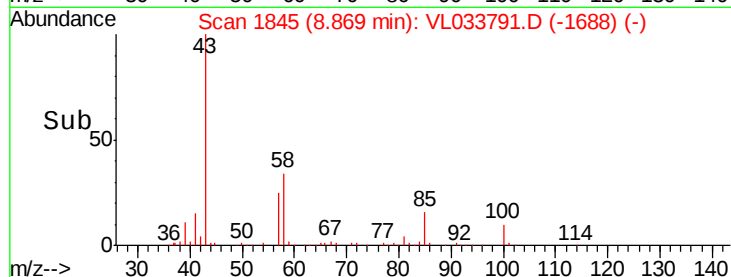
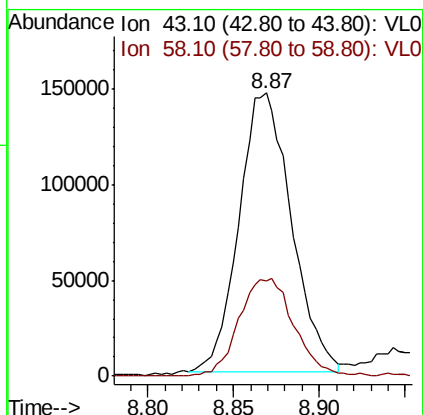
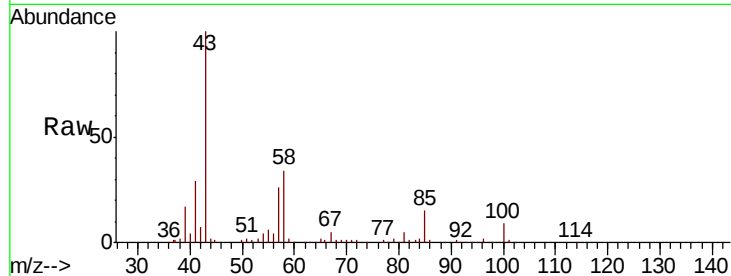
#50
4-Methyl-2-Pentanone
Concen: 1.401 ppbv
RT: 8.87 min Scan# 1845
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.8	28.6	43.0

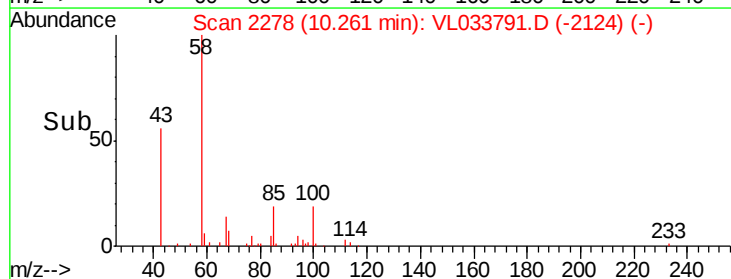
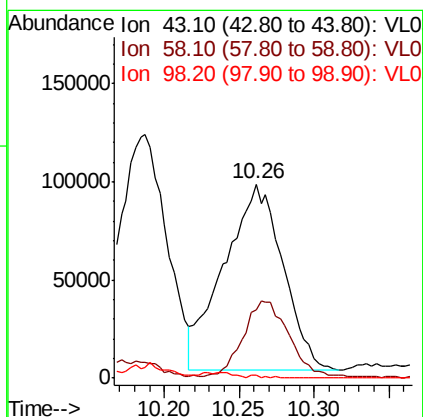
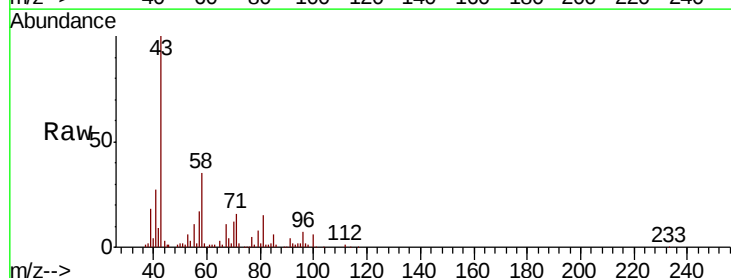
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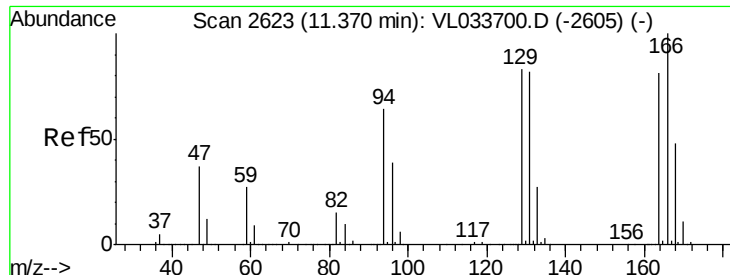
MMDadoda
5/28/2019 2:53:55 AM



#51
2-Hexanone
Concen: 1.512 ppbv
RT: 10.26 min Scan# 2278
Delta R.T. -0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.8	38.7	58.1#
98	2.0	0.2	0.4#





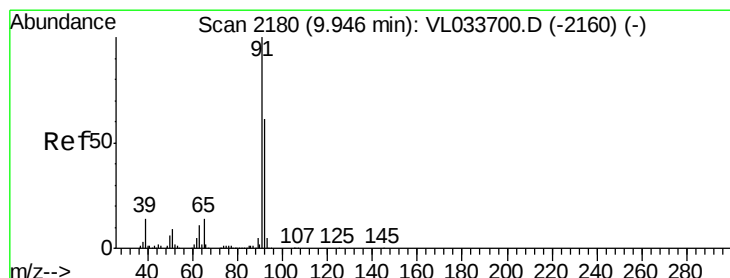
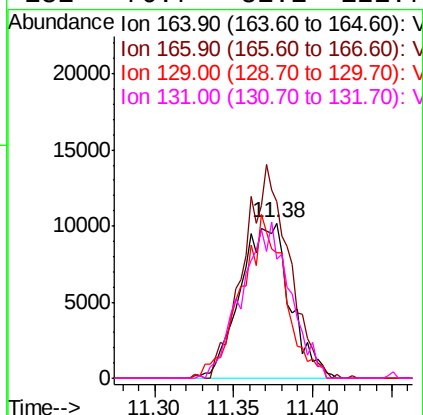
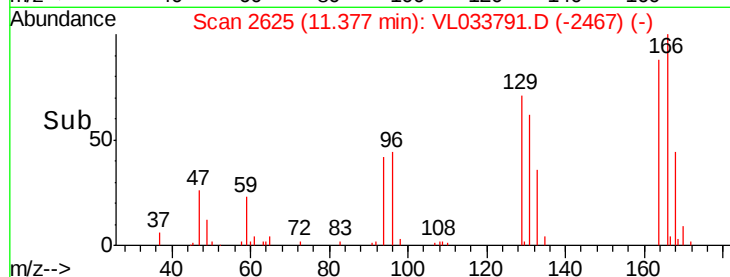
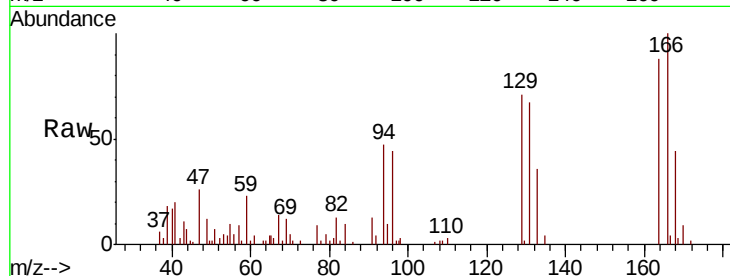
#52
Tetrachloroethene
Concen: 0.299 ppbv m
RT: 11.38 min Scan# 2625
Delta R.T. 0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tot Ion	Ratio	Lower	Upper
164	100		
166	113.8	98.9	148.3
129	80.6	81.8	122.6#
131	76.7	81.1	121.7#

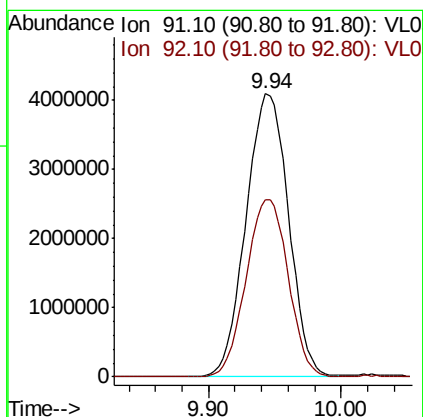
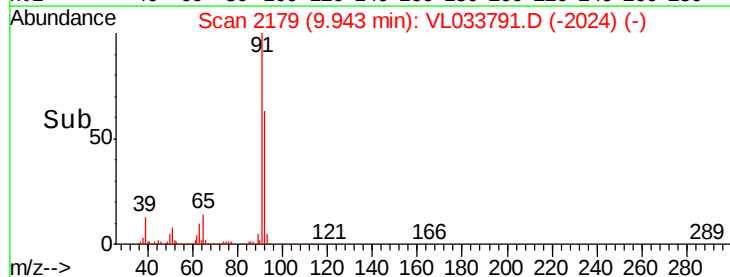
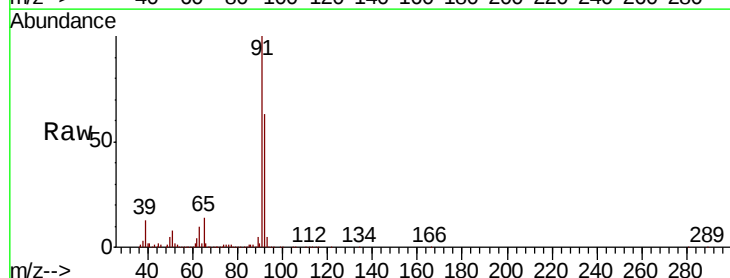
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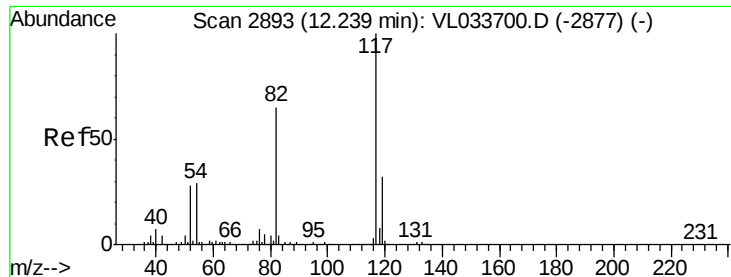
MMDadoda
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#53
Toluene
Concen: 40.329 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	62.1	47.6	71.4





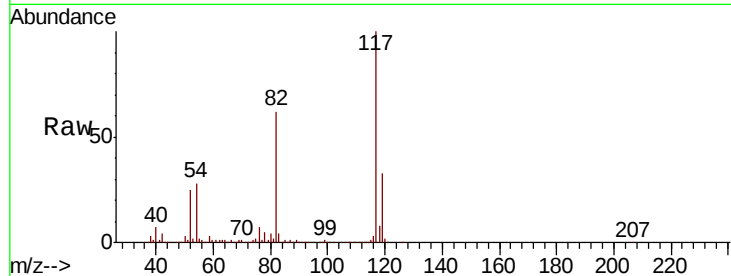
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

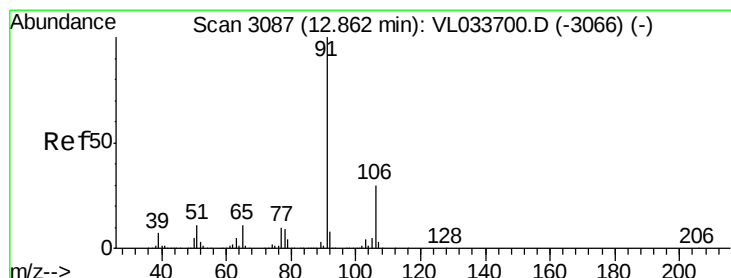
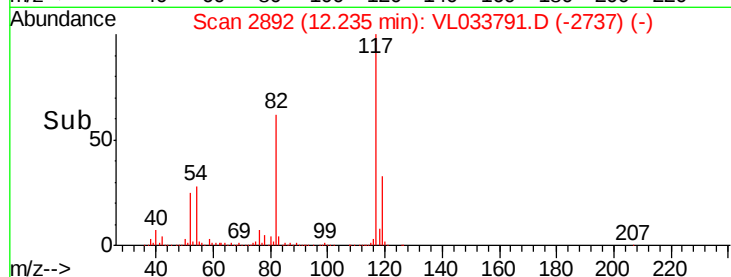
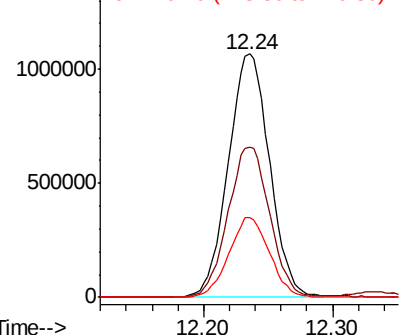
Tot Ion	Ratio	Lower	Upper
117	100		
82	62.5	49.4	74.0
119	32.5	24.9	37.3

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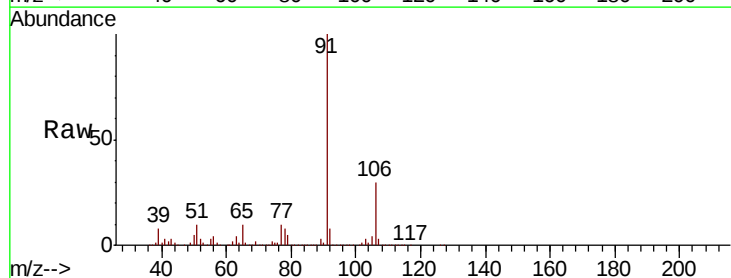


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

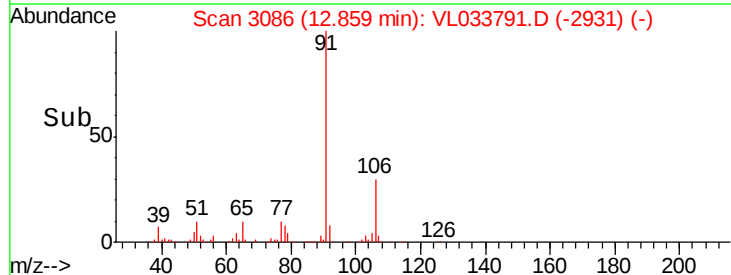
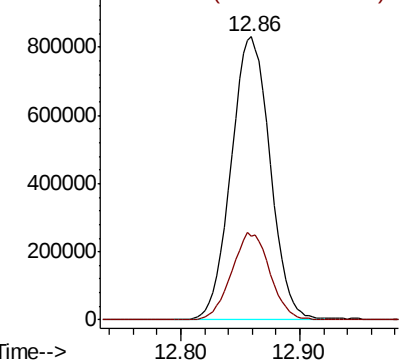


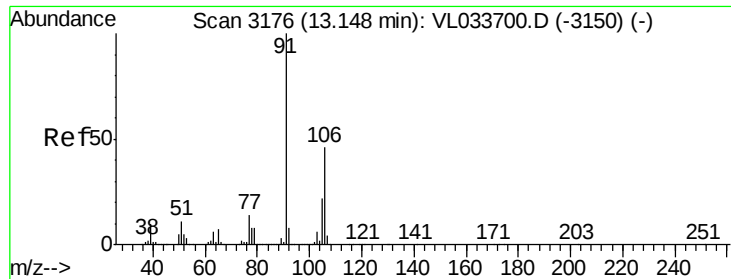
#58
Ethyl Benzene
Concen: 5.973 ppbv
RT: 12.86 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.8	23.9	35.9



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





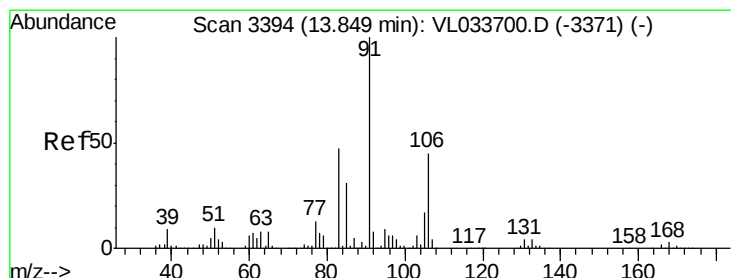
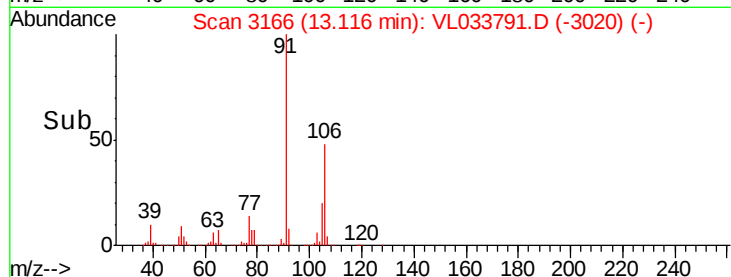
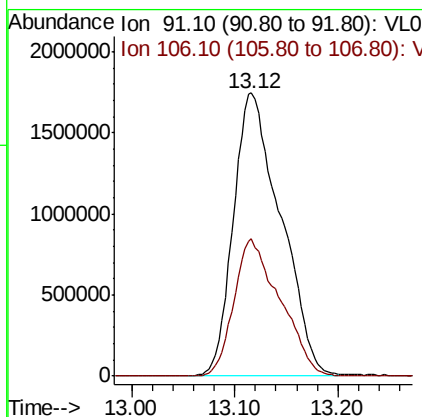
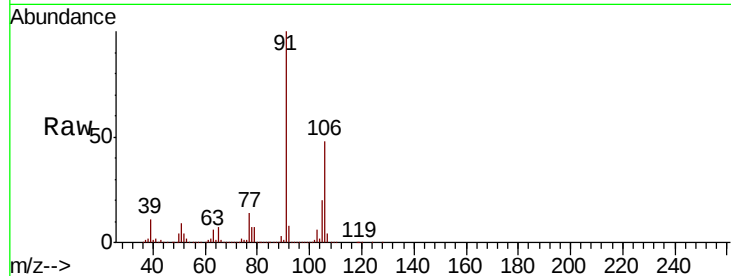
#59
m/p-Xylene
Concen: 20.242 ppbv
RT: 13.12 min Scan# 3166
Delta R.T. -0.03 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tot Ion: 91 Resp: 5569342
Ion Ratio Lower Upper
91 100
106 47.7 35.8 53.6

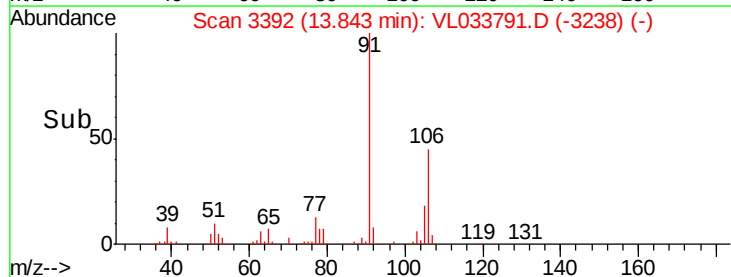
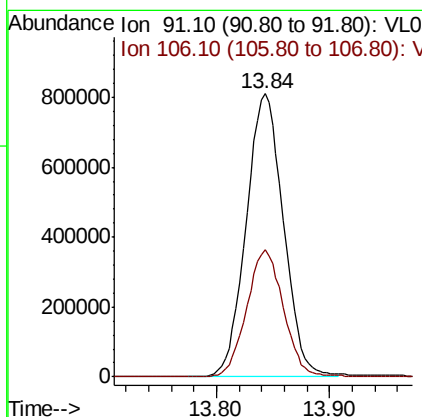
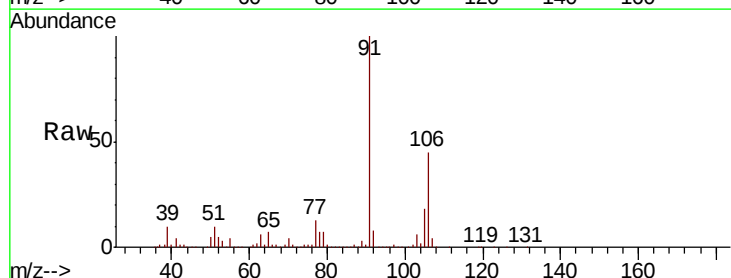
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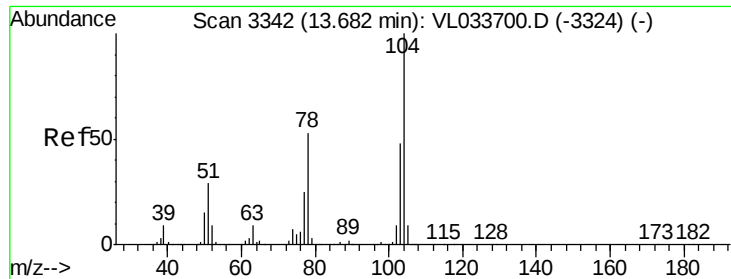
MMDadoda
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#60
o-Xylene
Concen: 6.677 ppbv
RT: 13.84 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 91 Resp: 1851880
Ion Ratio Lower Upper
91 100
106 44.6 21.6 64.8





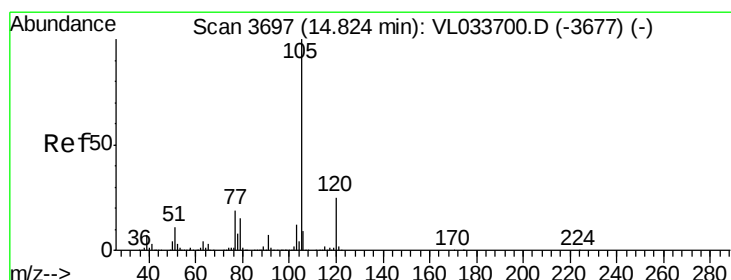
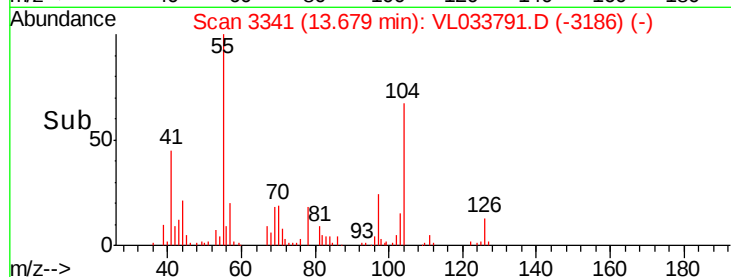
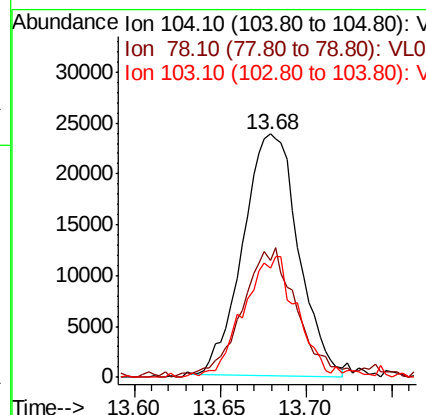
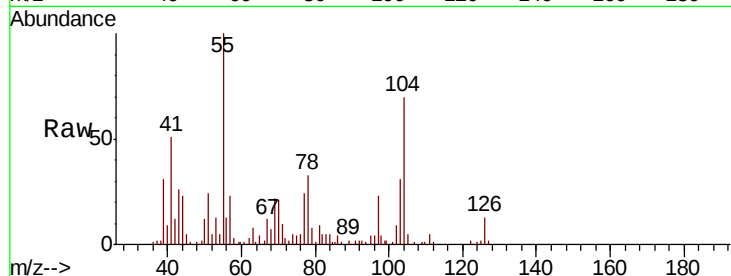
#61
Stvrene
Concen: 0.284 ppbv
RT: 13.68 min Scan# 3341
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tot Ion	Ratio	Lower	Upper
104	100		
78	56.0	42.6	64.0
103	50.3	37.8	56.6

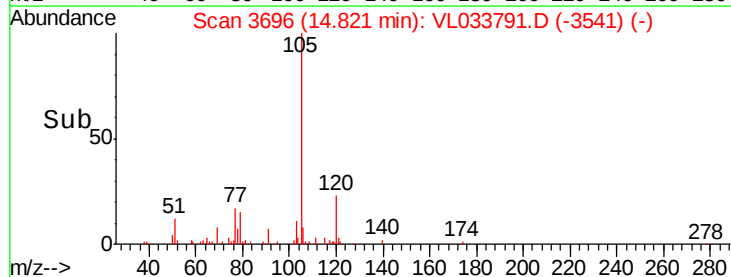
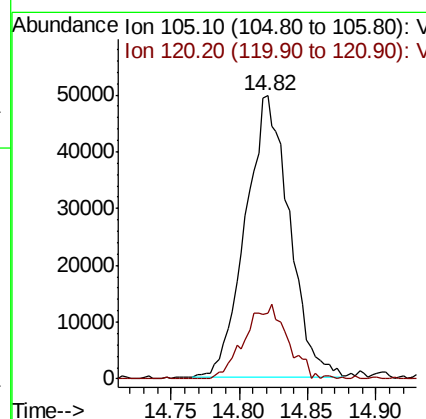
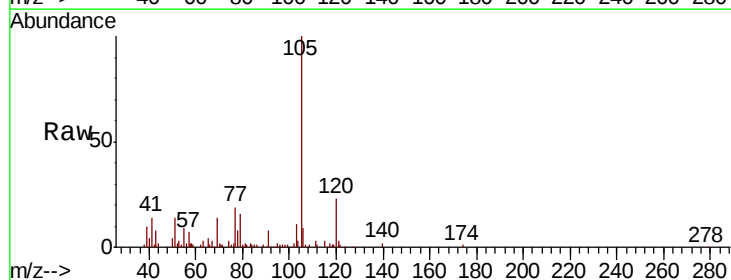
Manual Integrations
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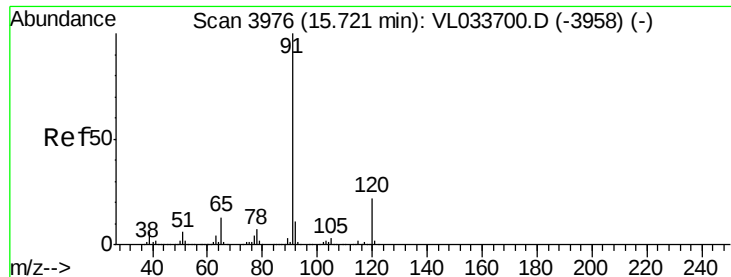
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#62
Isopropylbenzene
Concen: 0.297 ppbv
RT: 14.82 min Scan# 3696
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.1	30.1





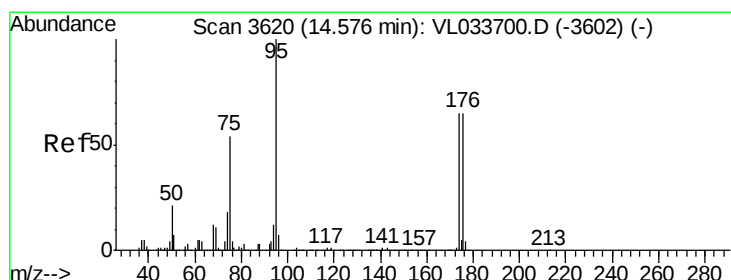
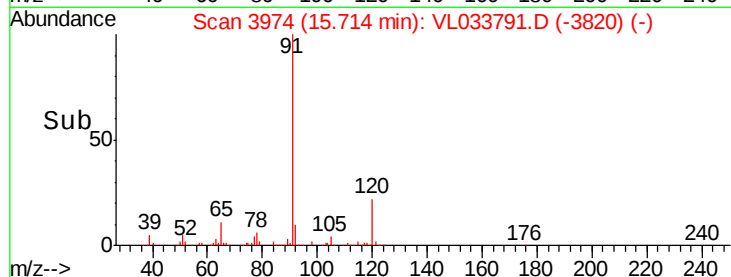
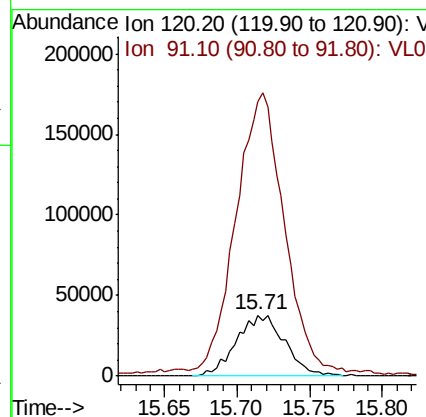
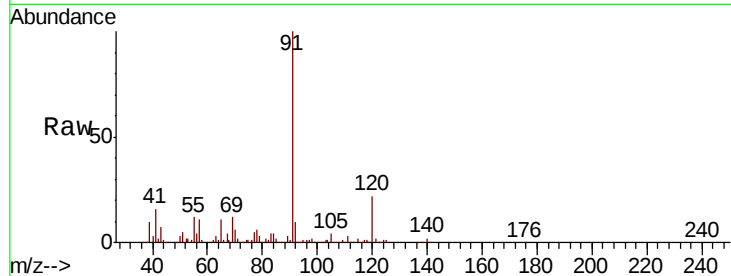
#64
n-propylbenzene
Concen: 0.912 ppbv
RT: 15.71 min Scan# 3974
Delta R.T. -0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tot Ion:120 Resp: 88092
Ion Ratio Lower Upper
120 100
91 468.0 379.1 568.7

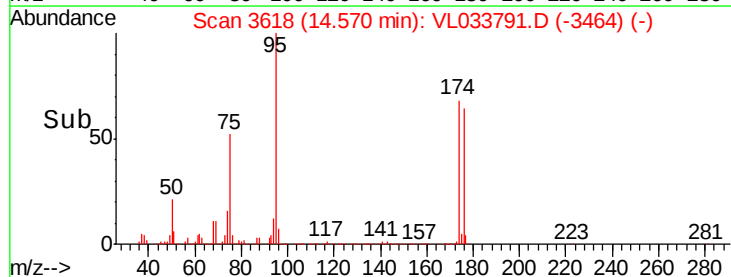
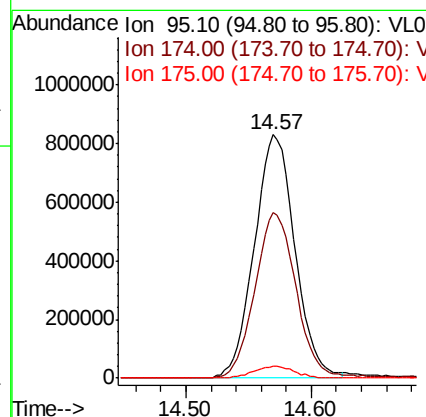
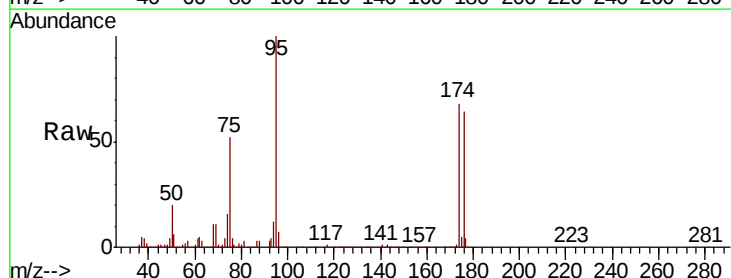
Manual Integrations
APPROVED

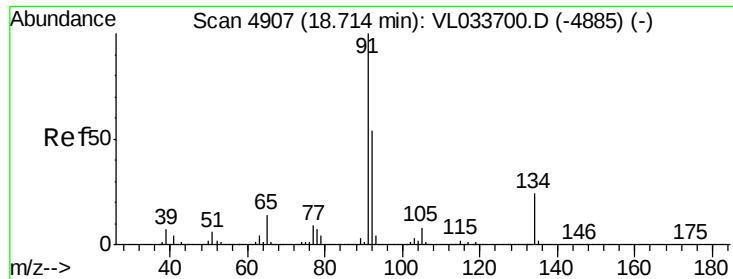
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.682 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 95 Resp: 1865440
Ion Ratio Lower Upper
95 100
174 69.9 53.9 80.9
175 5.1 3.8 5.8





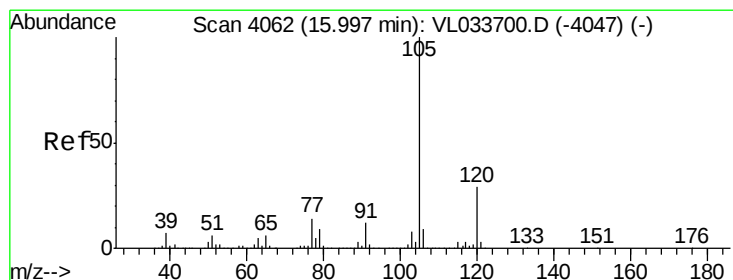
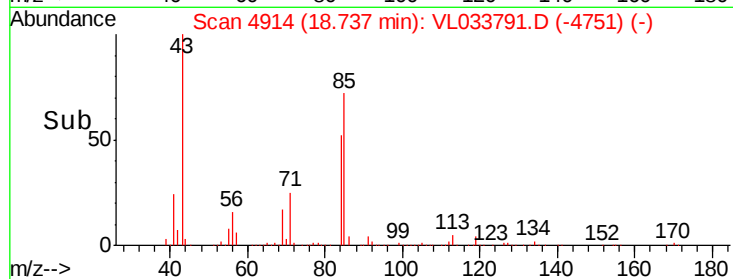
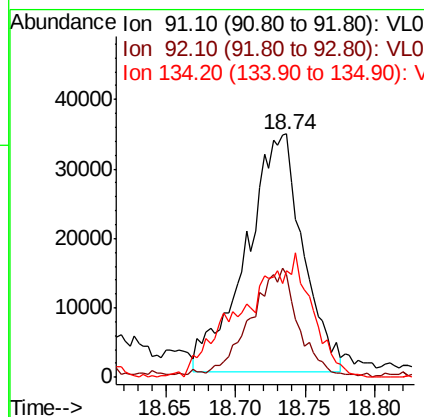
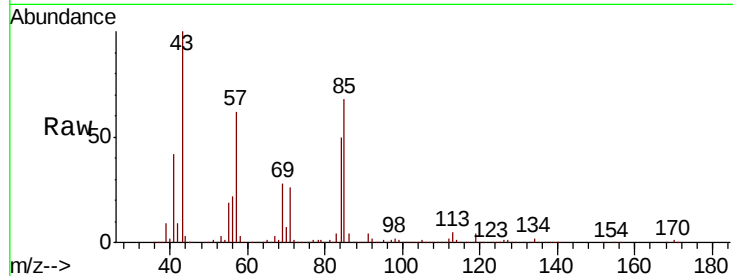
#70
n-Butylbenzene
Concen: 0.231 ppbv m
RT: 18.74 min Scan# 4914
Delta R.T. 0.02 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	0.0	42.6	63.8#	
134	0.0	18.1	27.1#	

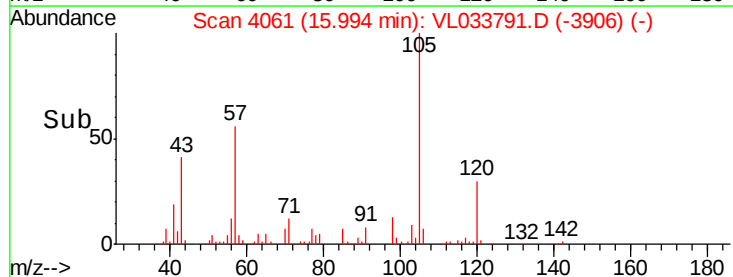
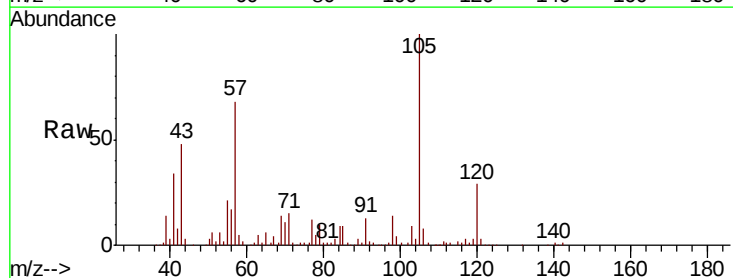
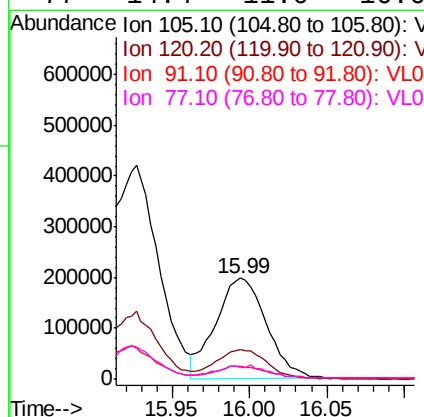
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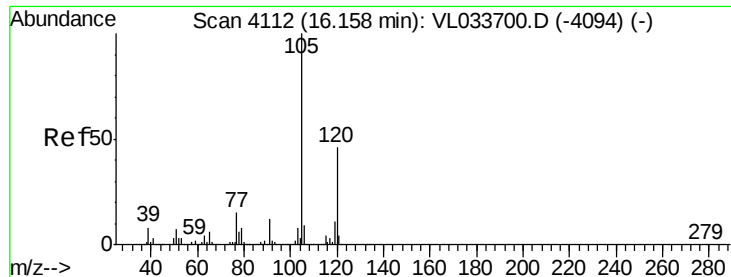
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#72
4-Ethyltoluene
Concen: 1.422 ppbv
RT: 15.99 min Scan# 4061
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
120	29.7	23.1	34.7	
91	12.6	10.4	15.6	
77	14.4	11.0	16.6	





#73

1,3,5-Trimethylbenzene

Concen: 0.917 ppbv

RT: 16.15 min Scan# 4111

Delta R.T. -0.00 min

Lab File: VL033791.D

Acq: 24 May 2019 2:44

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3009-55

Tot Ion:105 Resp: 283617

Ion Ratio Lower Upper

105 100

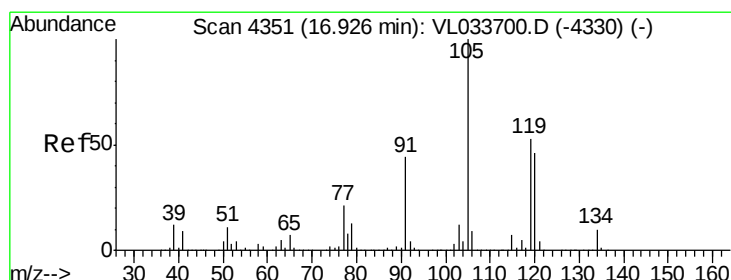
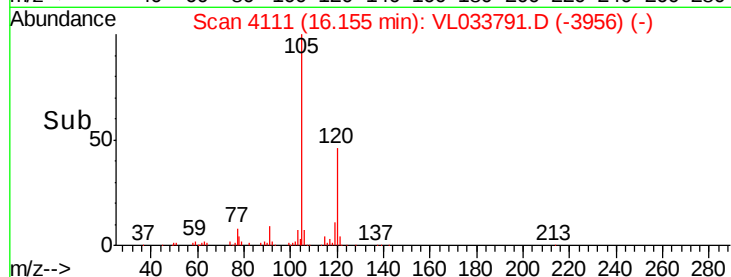
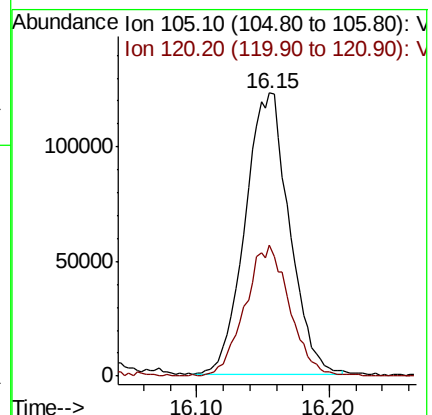
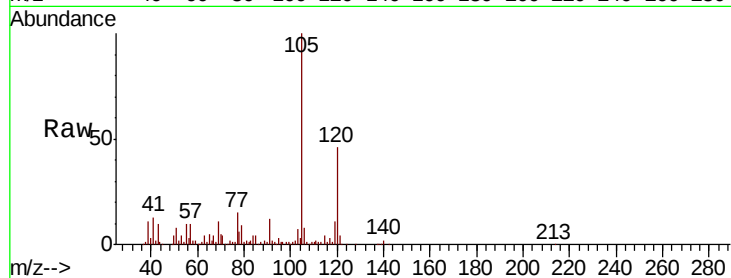
120 46.0 37.0 55.4

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#74

1,2,4-Trimethylbenzene

Concen: 2.990 ppbv

RT: 16.92 min Scan# 4349

Delta R.T. -0.01 min

Lab File: VL033791.D

Acq: 24 May 2019 2:44

Tgt Ion:105 Resp: 1006809

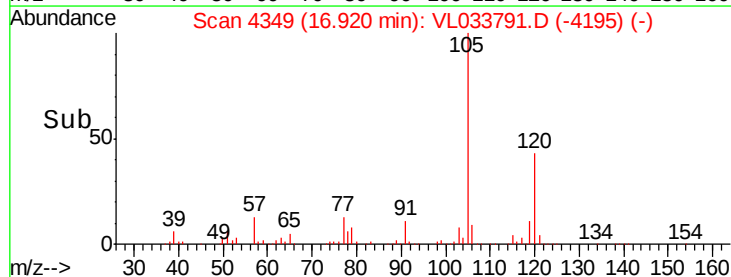
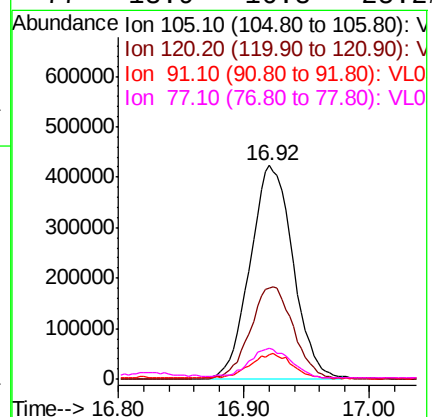
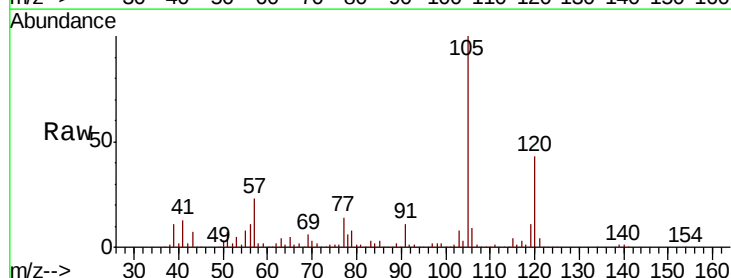
Ion Ratio Lower Upper

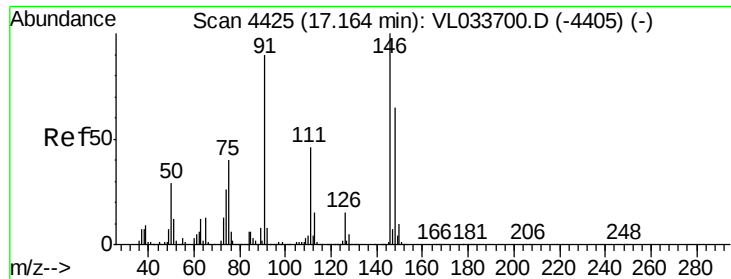
105 100

120 42.8 36.8 55.2

91 11.0 35.4 53.0#

77 13.9 16.8 25.2#





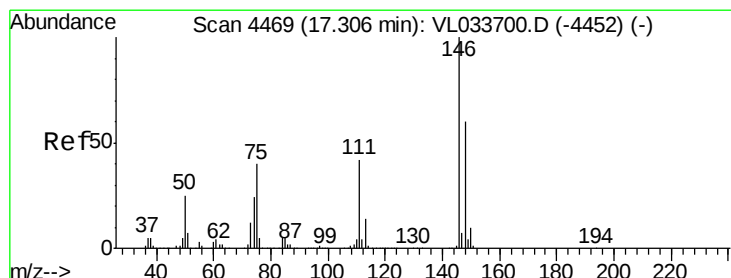
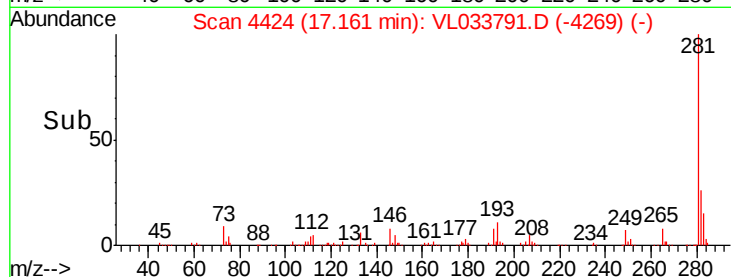
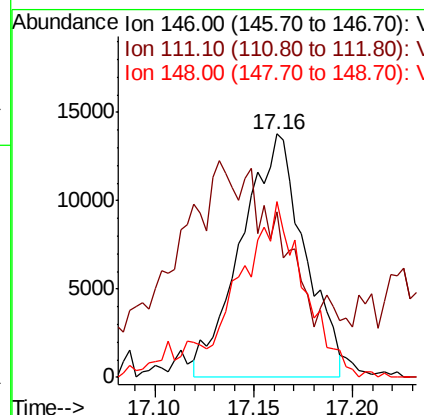
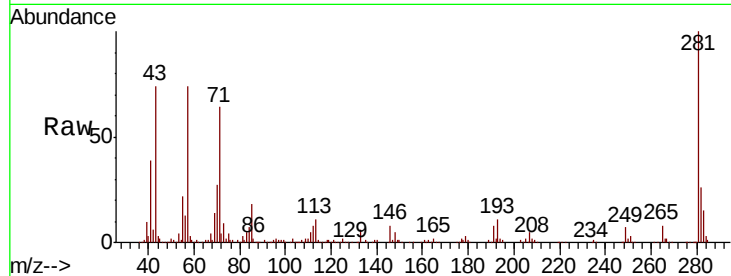
#75
 1,3-Dichlorobenzene
 Concen: 0.149 ppbv m
 RT: 17.16 min Scan# 4424
 Delta R.T. -0.00 min
 Lab File: VL033791.D
 Acq: 24 May 2019 2:44

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3009-55

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

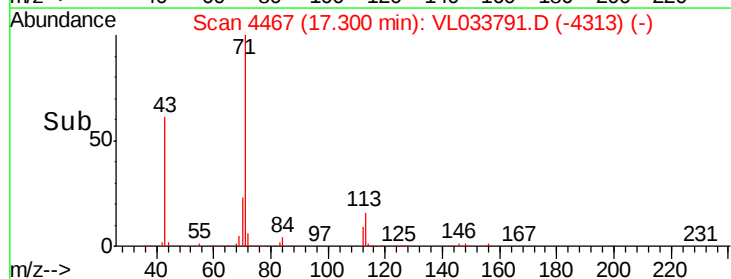
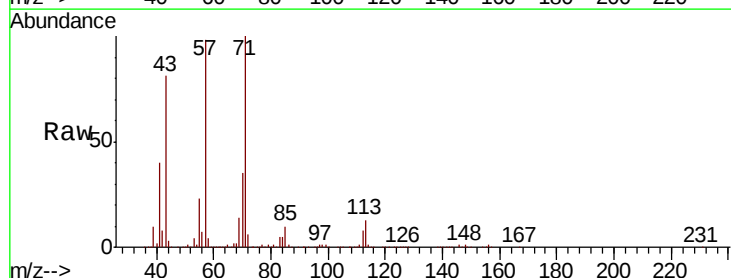
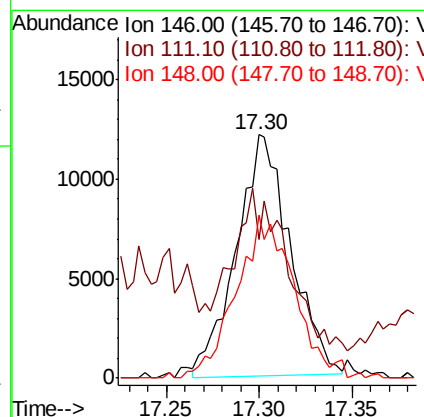
Manual Integrations
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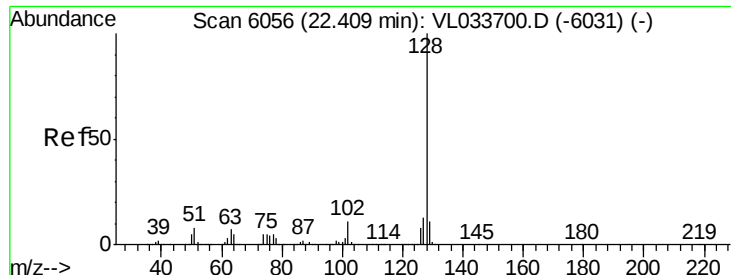
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#76
 1,4-Dichlorobenzene
 Concen: 0.126 ppbv
 RT: 17.30 min Scan# 4467
 Delta R.T. -0.01 min
 Lab File: VL033791.D
 Acq: 24 May 2019 2:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	61.4	21.9	65.8
148	72.2	32.1	96.3





#79

Naphthalene

Concen: 0.241 ppbv m

RT: 22.41 min Scan# 6057

Delta R.T. 0.00 min

Lab File: VL033791.D

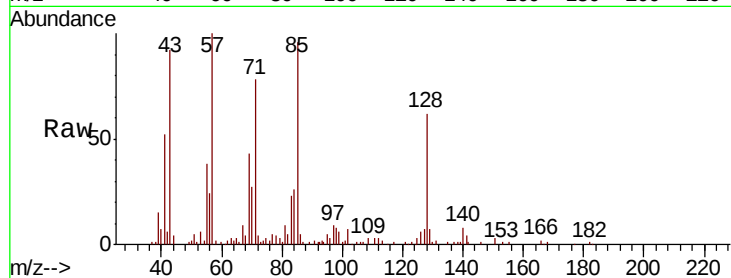
Acq: 24 May 2019 2:44

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3009-55



Tot Ion:	128	Resp:	75495
Ion Ratio	Lower	Upper	
128	100		
127	11.3	10.6	16.0
129	11.5	8.9	13.3

Manual Integrations
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5/28/2019 2:53:55 AM

