

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052319\
 Data File : VL033793.D
 Acq On : 24 May 2019 4:03
 Operator : SY/AP
 Sample : K2929-16
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3006-25

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 2:53:59 AM

Quant Time: May 24 07:39:21 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	5.76	49	896496	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2337229	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2370933	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1864088	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	3.08	85	37070	0.196	ppbv	94
3) Chlorodifluoromethane	3.01	51	35326m	0.344	ppbv	
4) Chloromethane	3.17	50	14281	0.243	ppbv #	84
9) Propene	3.03	41	1983564	45.413	ppbv	93
10) Heptane	8.24	43	267605	2.164	ppbv	98
11) Trichlorofluoromethane	4.00	101	43515	0.241	ppbv #	82
12) 1,1,2-Trichlorotrifluoroet	4.55	101	34647	0.275	ppbv	93
13) Ethanol	3.66	45	759576	53.804	ppbv	97
15) Acetone	3.89	43	10965673	88.160	ppbv #	86
17) tert-Butyl alcohol	4.36	59	402973	4.006	ppbv	99
20) Methylene Chloride	4.41	84	89548	1.870	ppbv	98
26) Hexane	5.77	57	342268	3.644	ppbv #	43
27) Carbon Disulfide	4.62	76	321932	2.498	ppbv	99
29) Chloroform	5.85	83	28406	0.164	ppbv	88
30) Cyclohexane	7.25	84	36525m	0.463	ppbv	
34) 2-Butanone	5.33	43	1574373	10.867	ppbv	98
35) Carbon Tetrachloride	7.13	117	11858m	0.063	ppbv	
36) Benzene	7.00	78	329027	1.548	ppbv	96
38) Trichloroethene	7.96	130	5894	0.075	ppbv #	71
41) Tetrahydrofuran	6.16	42	15770	0.194	ppbv #	79
44) 2,2,4-Trimethylpentane	7.99	57	124049	0.345	ppbv #	66
50) 4-Methyl-2-Pentanone	8.87	43	96836	0.435	ppbv	97
51) 2-Hexanone	10.26	43	300372	1.727	ppbv #	99
52) Tetrachloroethene	11.37	164	10314	0.138	ppbv #	81
53) Toluene	9.94	91	2385681	10.403	ppbv	99
58) Ethyl Benzene	12.86	91	516313	1.644	ppbv	98
59) m/p-Xylene	13.11	91	1569524	5.719	ppbv	97
60) o-Xylene	13.84	91	556056	2.010	ppbv	99
61) Styrene	13.68	104	24059m	0.129	ppbv	
62) Isopropylbenzene	14.83	105	42633	0.114	ppbv	94
64) n-propylbenzene	15.71	120	36788	0.382	ppbv	87
70) n-Butylbenzene	18.73	91	92500m	0.219	ppbv	
72) 4-Ethyltoluene	15.99	105	193096	0.610	ppbv	97
73) 1,3,5-Trimethylbenzene	16.15	105	130622	0.423	ppbv	92
74) 1,2,4-Trimethylbenzene	16.92	105	486874	1.449	ppbv #	72
75) 1,3-Dichlorobenzene	17.16	146	56151	0.273	ppbv #	71
79) Naphthalene	22.42	128	69373m	0.222	ppbv	

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

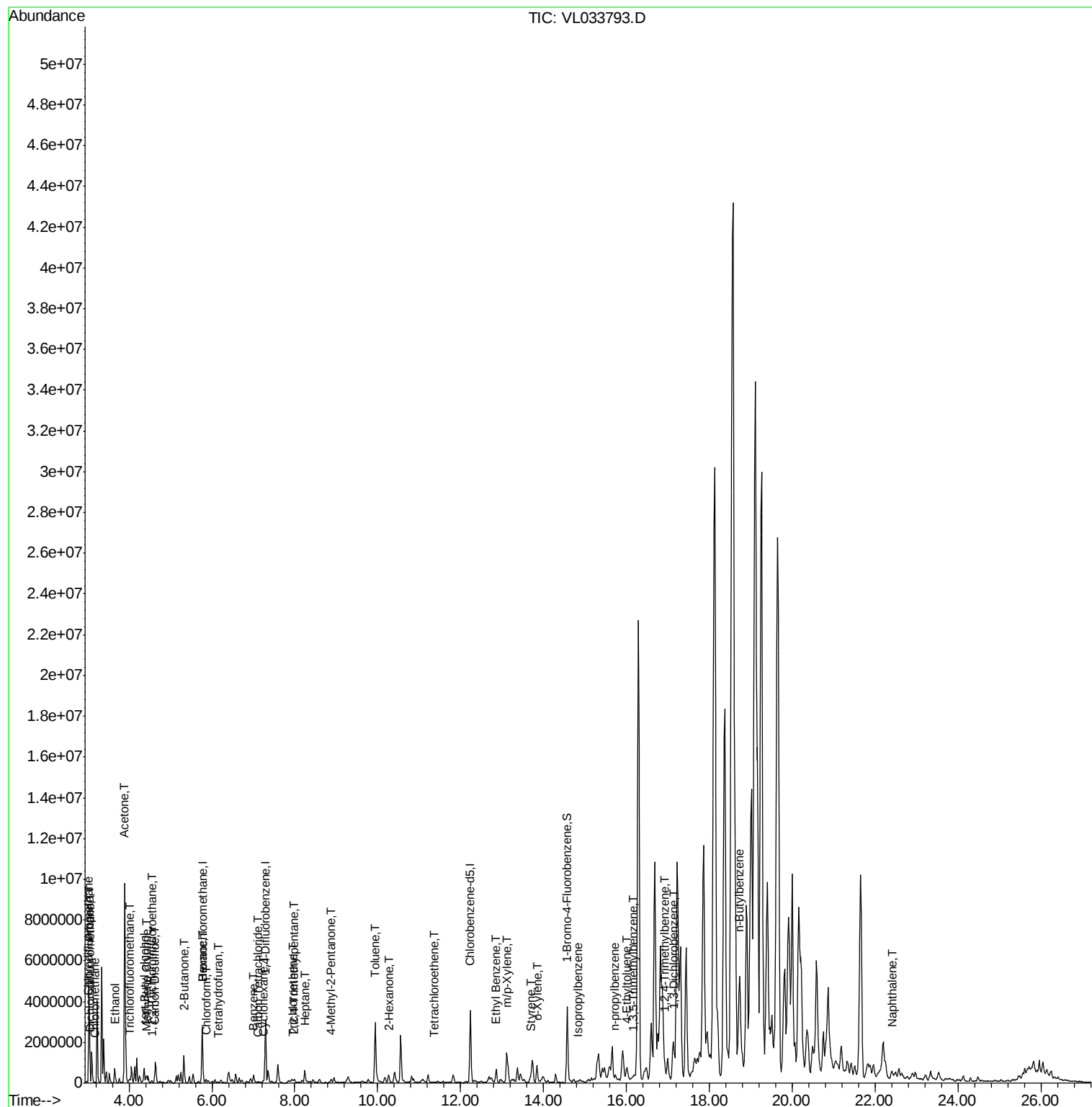
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052319\
Data File : VL033793.D
Acq On : 24 May 2019 4:03
Operator : SY/AP
Sample : K2929-16
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

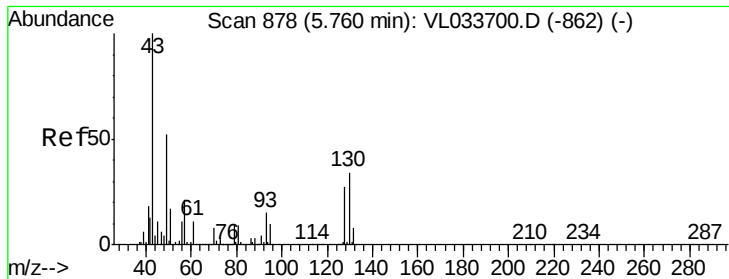
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3006-25

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Quant Time: May 24 07:39:21 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: VL033793.D

Acq: 24 May 2019 4:03

Instrument :

MSVOA_L

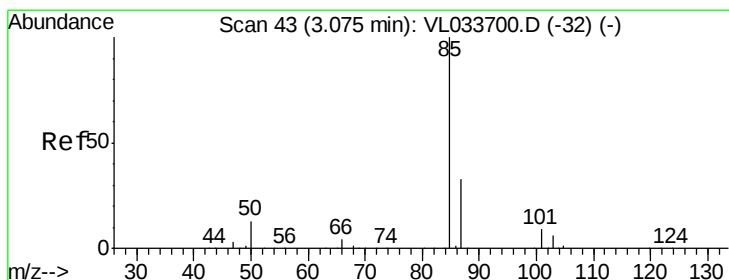
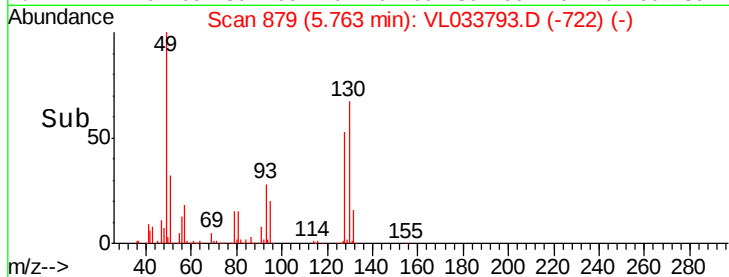
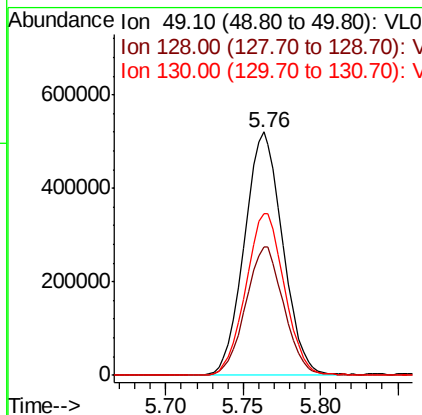
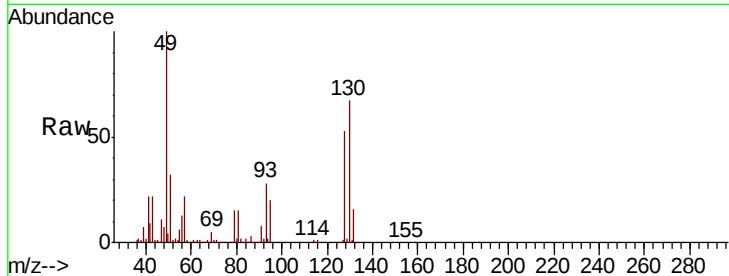
ClientSampleId :

BPS1-SG-3006-25

Tot Ion:	49	Resp:	896496
Ion	Ratio	Lower	Upper
49	100		
128	52.6	25.2	75.6
130	67.5	32.5	97.5

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#2

Dichlorodifluoromethane

Concen: 0.196 ppbv

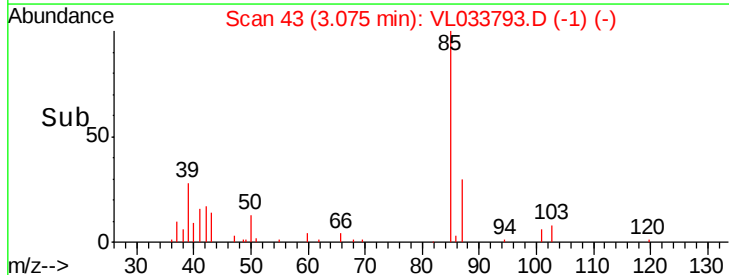
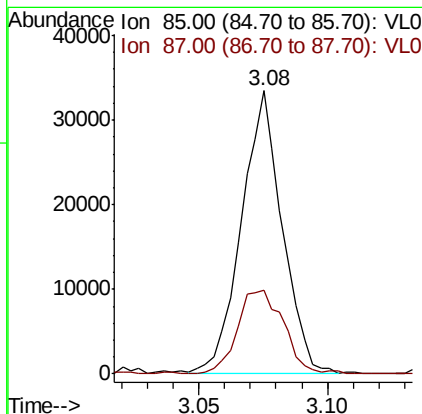
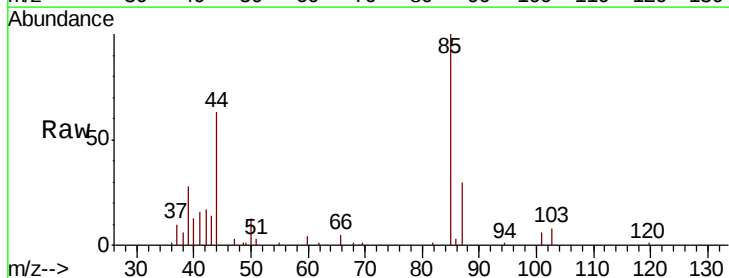
RT: 3.08 min Scan# 43

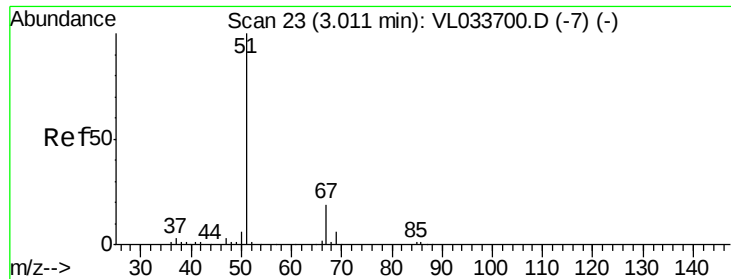
Delta R.T. 0.00 min

Lab File: VL033793.D

Acq: 24 May 2019 4:03

Tgt Ion:	85	Resp:	37070
Ion	Ratio	Lower	Upper
85	100		
87	29.6	26.3	39.5





#3

Chlorodifluoromethane

Concen: 0.344 ppbv

RT: 3.01 min Scan# 24

Delta R.T. 0.00 min

Lab File: VL033793.D

Acq: 24 May 2019 4:03

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3006-25

Tot Ion: 51 Resp: 35326

Ion Ratio Lower Upper

51 100

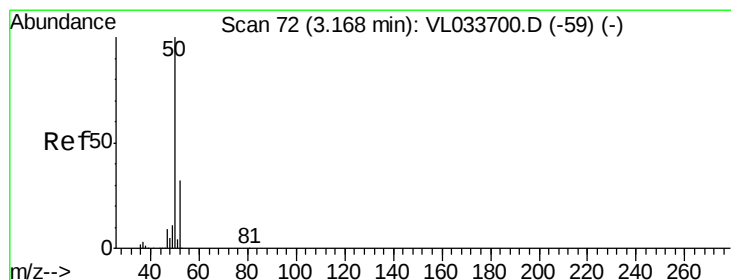
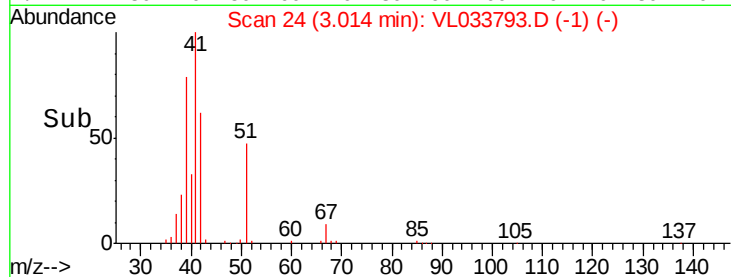
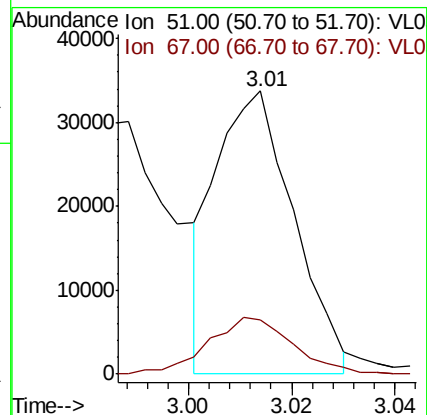
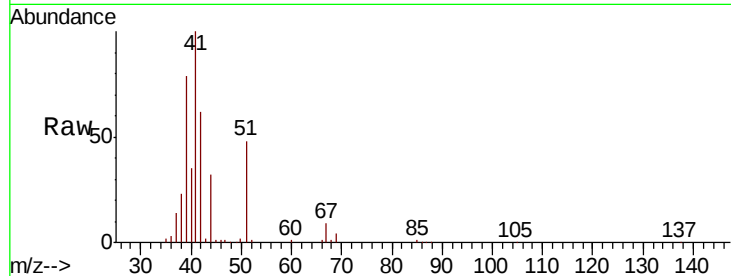
67 21.9 15.6 23.4

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#4

Chloromethane

Concen: 0.243 ppbv

RT: 3.17 min Scan# 72

Delta R.T. 0.00 min

Lab File: VL033793.D

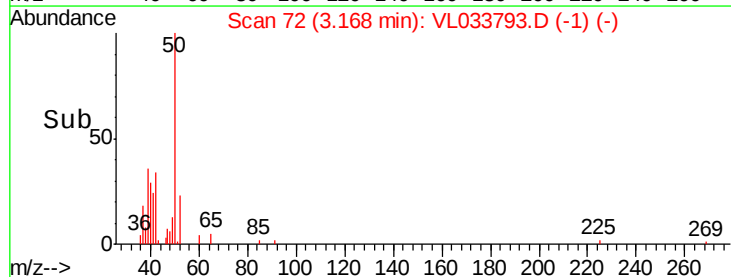
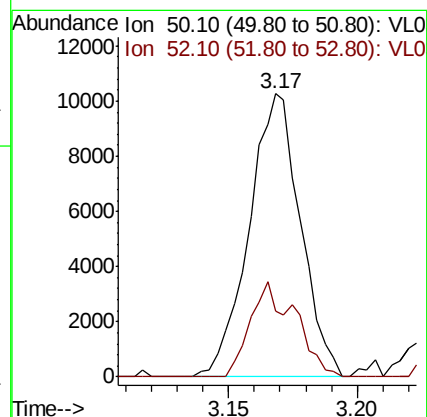
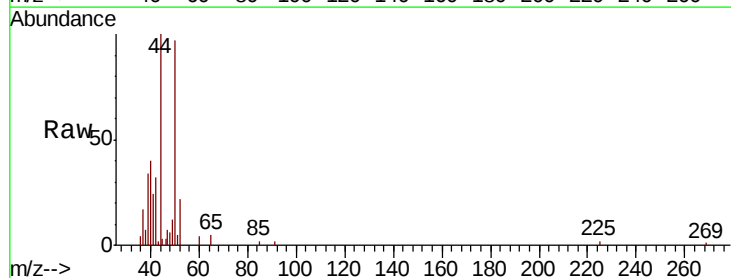
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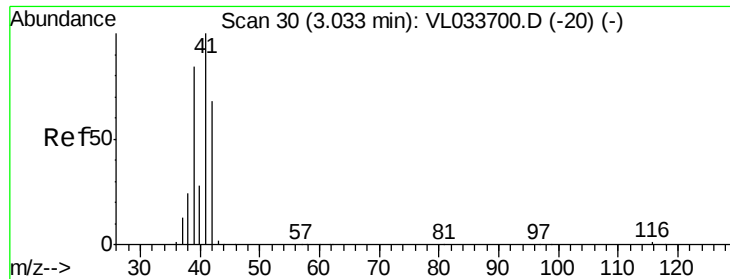
Tgt Ion: 50 Resp: 14281

Ion Ratio Lower Upper

50 100

52 23.1 25.7 38.5#





#9

Propene

Concen: 45.413 ppbv

RT: 3.03 min Scan# 30

Delta R.T. 0.00 min

Lab File: VL033793.D

Acq: 24 May 2019 4:03

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3006-25

Tot Ion: 41 Resp: 1983564

Ion Ratio Lower Upper

41 100

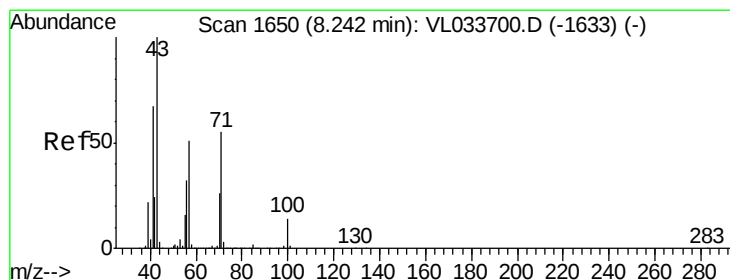
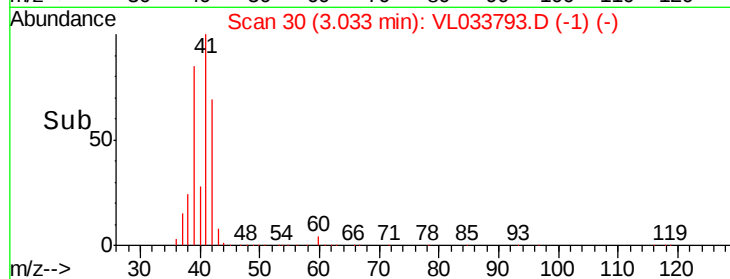
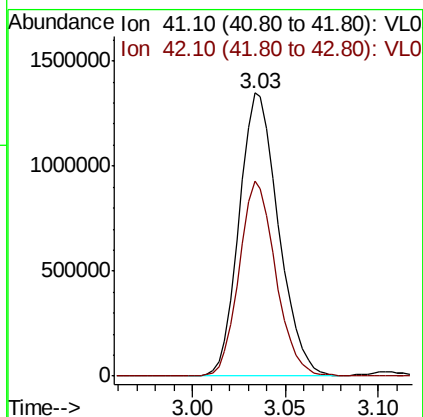
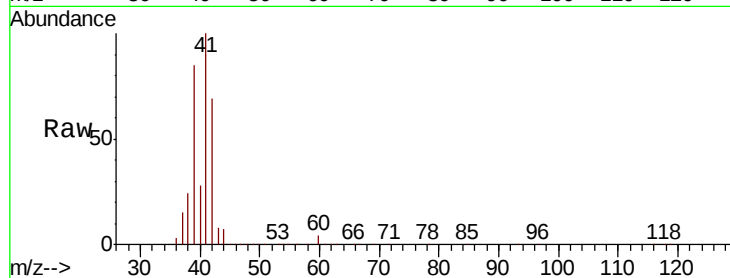
42 64.2 56.1 84.1

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#10

Heptane

Concen: 2.164 ppbv

RT: 8.24 min Scan# 1650

Delta R.T. 0.00 min

Lab File: VL033793.D

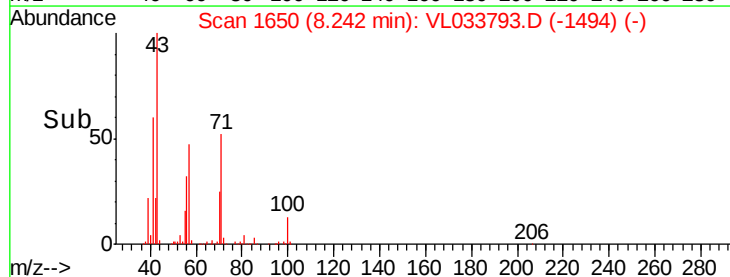
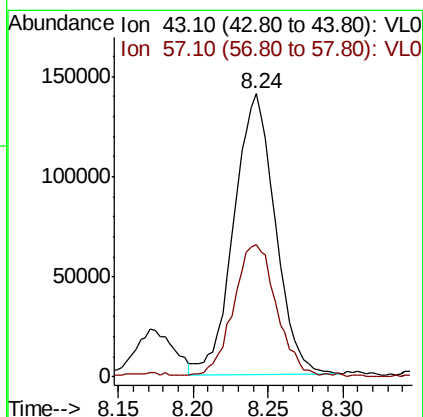
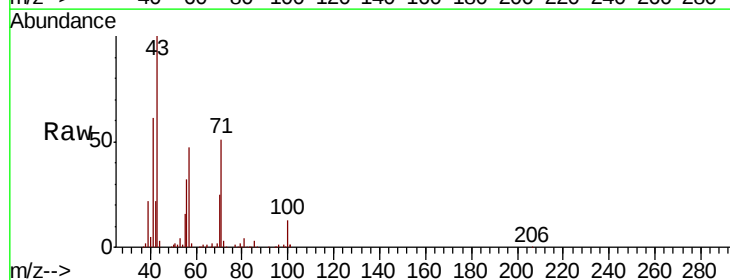
Acq: 24 May 2019 4:03

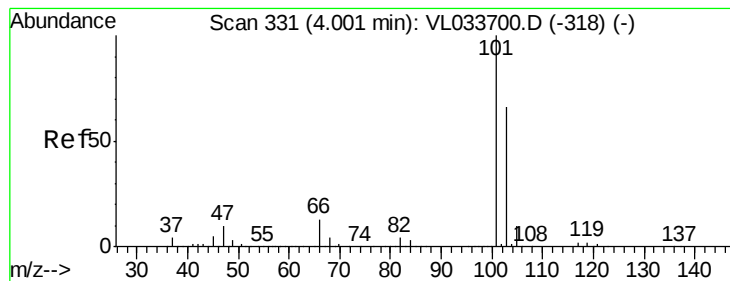
Tgt Ion: 43 Resp: 267605

Ion Ratio Lower Upper

43 100

57 50.5 41.4 62.0





#11

Trichlorofluoromethane

Concen: 0.241 ppbv

RT: 4.00 min Scan# 331

Delta R.T. 0.00 min

Lab File: VL033793.D

Acq: 24 May 2019 4:03

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3006-25

Tot Ion:101 Resp: 43515

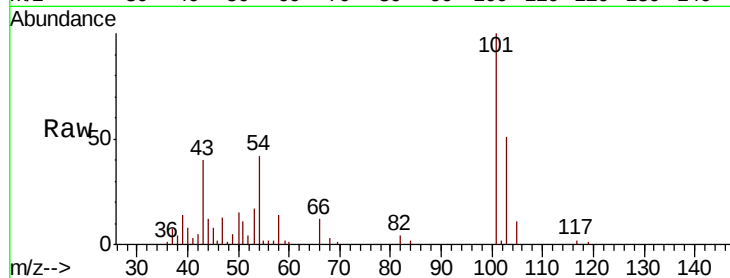
Ion Ratio Lower Upper

101 100

103 51.0 52.6 78.8#

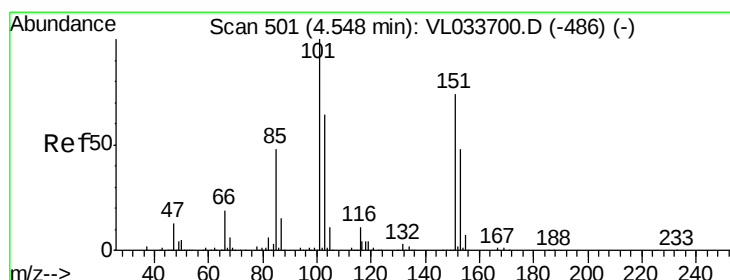
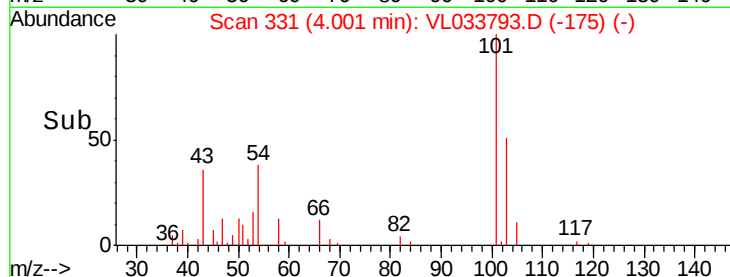
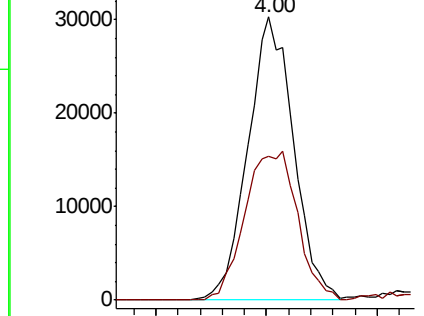
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.275 ppbv

RT: 4.55 min Scan# 502

Delta R.T. 0.00 min

Lab File: VL033793.D

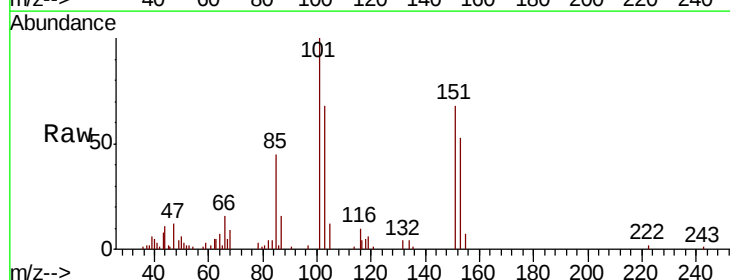
Acq: 24 May 2019 4:03

Tgt Ion:101 Resp: 34647

Ion Ratio Lower Upper

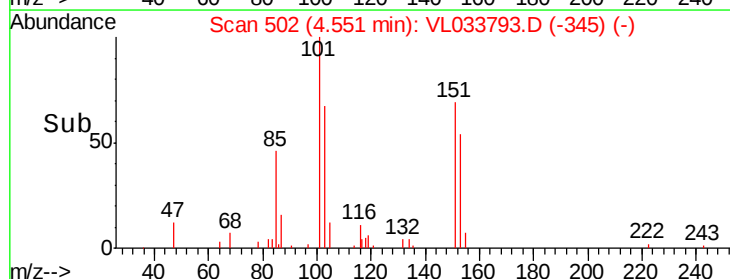
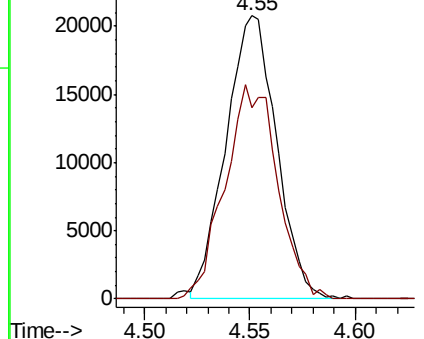
101 100

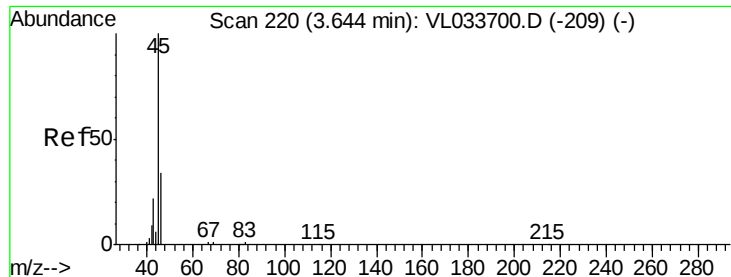
151 78.5 58.2 87.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





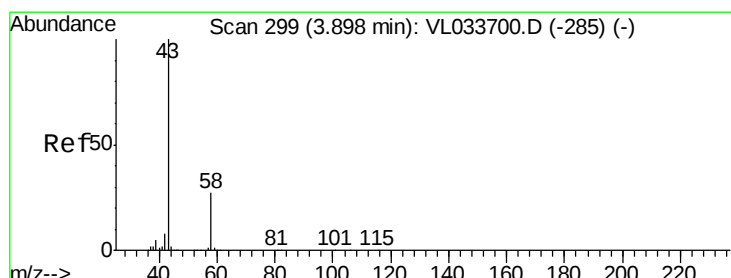
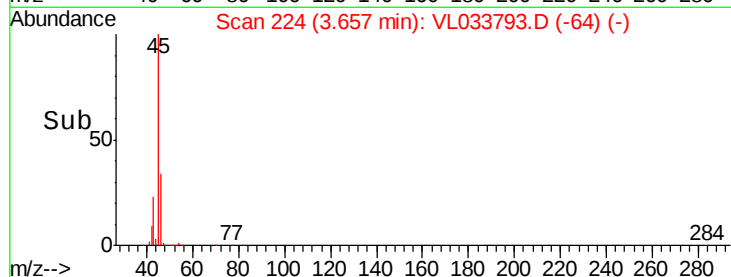
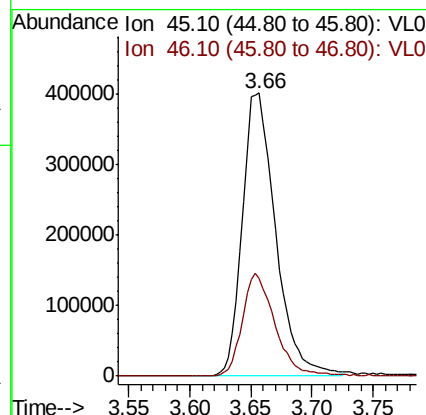
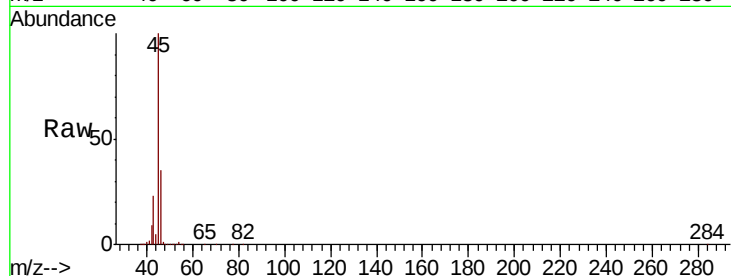
#13
Ethanol
Concen: 53.804 ppbv
RT: 3.66 min Scan# 224
Delta R.T. 0.01 min
Lab File: VL033793.D
Acq: 24 May 2019 4:03

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3006-25

Tot Ion: 45 Resp: 759576
Ion Ratio Lower Upper
45 100
46 35.3 14.8 59.0

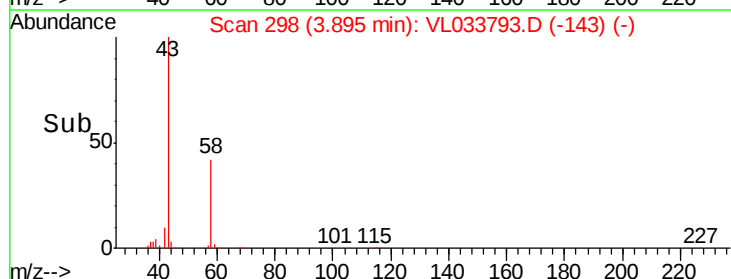
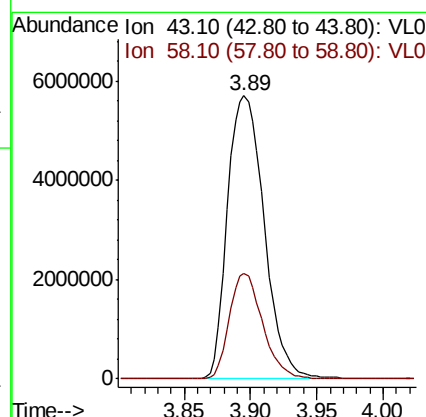
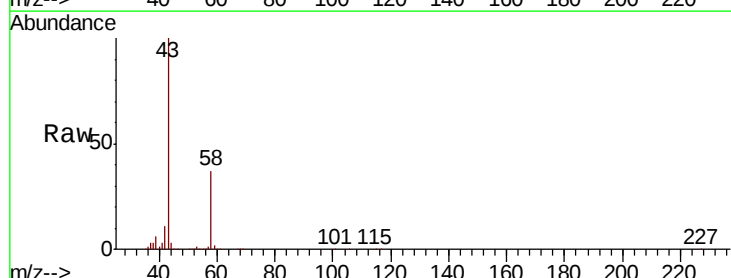
Manual Integrations
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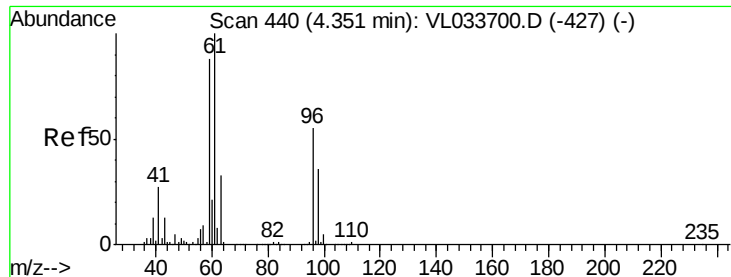
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#15
Acetone
Concen: 88.160 ppbv
RT: 3.89 min Scan# 298
Delta R.T. -0.00 min
Lab File: VL033793.D
Acq: 24 May 2019 4:03

Tgt Ion: 43 Resp:10965673
Ion Ratio Lower Upper
43 100
58 34.1 21.3 31.9#





#17

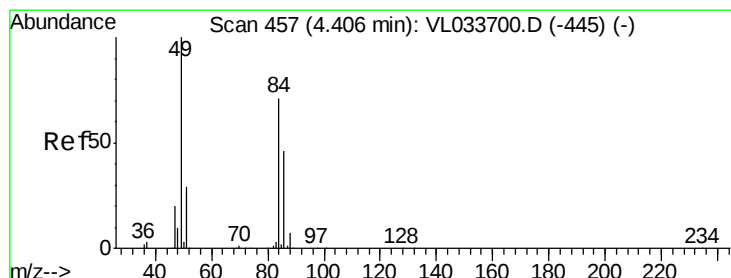
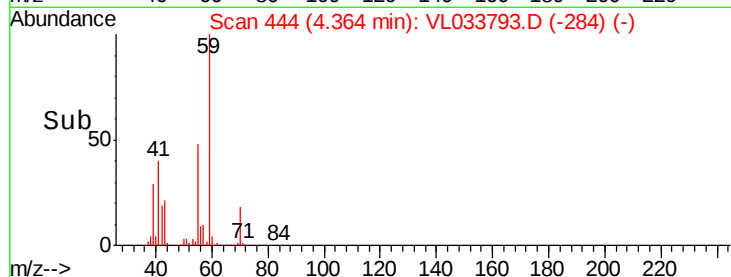
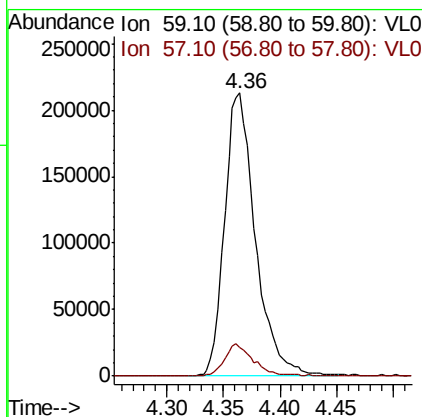
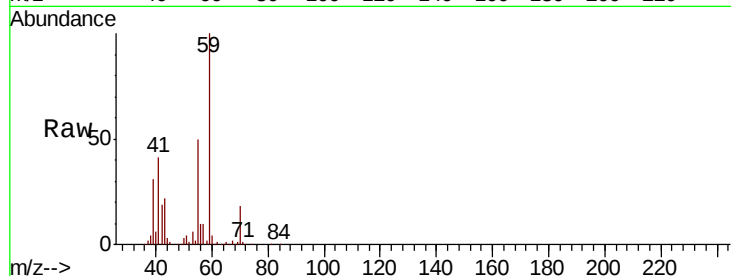
tert-Butyl alcohol
 Concen: 4.006 ppbv
 RT: 4.36 min Scan# 444
 Delta R.T. 0.01 min
 Lab File: VL033793.D
 Acq: 24 May 2019 4:03

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3006-25

Tot Ion: 59 Resp: 402973
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.4 12.6

Manual Integrations
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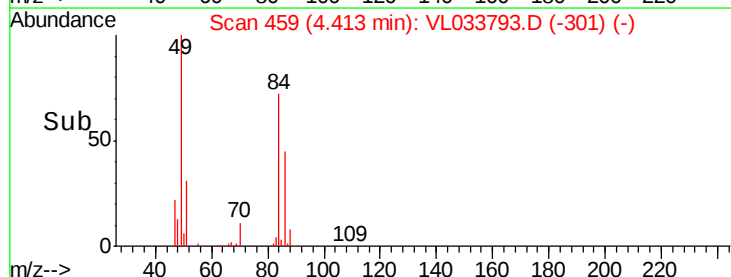
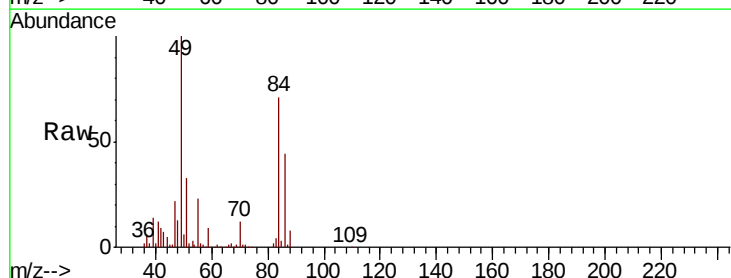
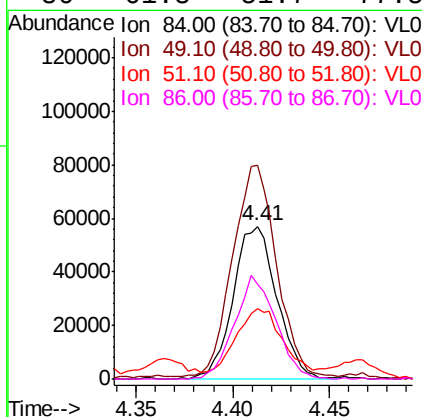
MMDadoda
 5/28/2019 2:53:59 AM

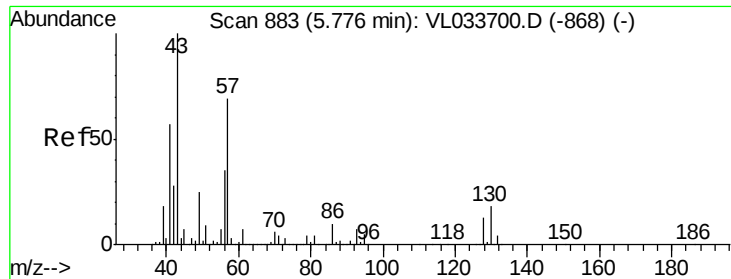


#20

Methylene Chloride
 Concen: 1.870 ppbv
 RT: 4.41 min Scan# 459
 Delta R.T. 0.01 min
 Lab File: VL033793.D
 Acq: 24 May 2019 4:03

Tgt Ion: 84 Resp: 89548
 Ion Ratio Lower Upper
 84 100
 49 138.1 112.8 169.2
 51 41.1 33.4 50.0
 86 61.8 51.7 77.5





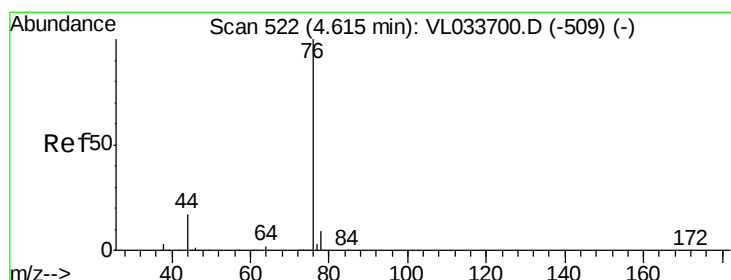
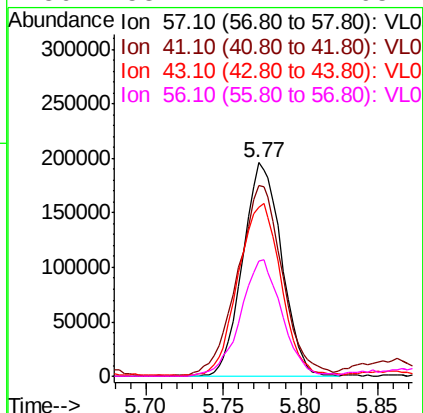
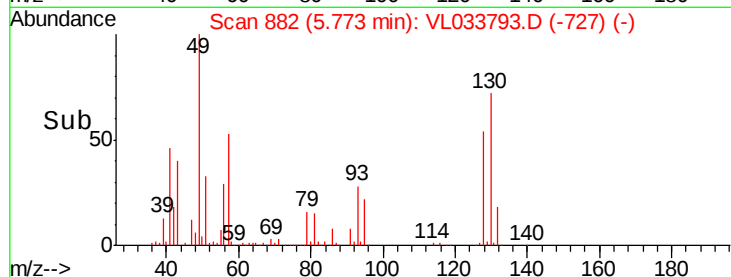
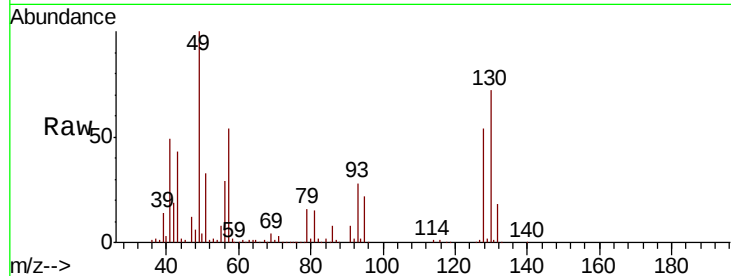
#26
Hexane
Concen: 3.644 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL033793.D
Acq: 24 May 2019 4:03

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3006-25

Tot Ion	Ratio	Lower	Upper
57	100		
41	102.7	69.8	104.6
43	89.0	181.8	272.6#
56	58.2	42.1	63.1

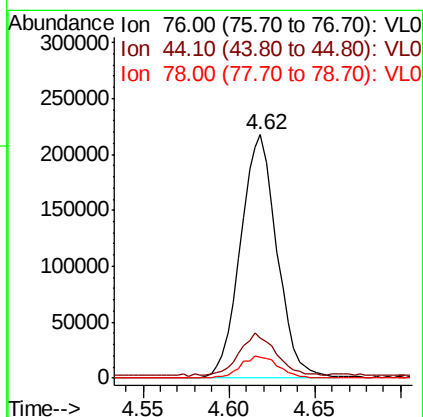
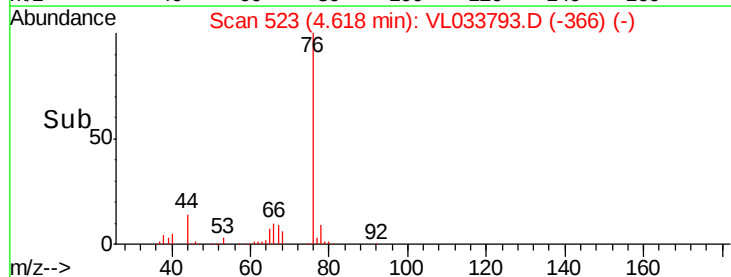
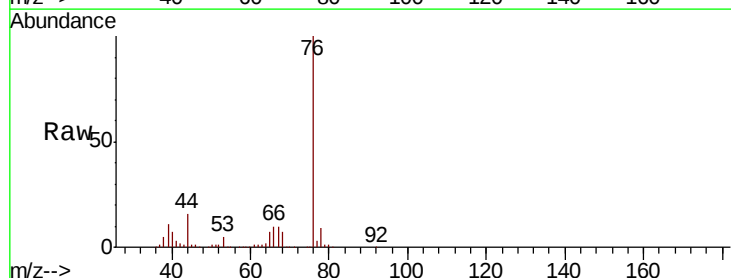
Manual Integrations
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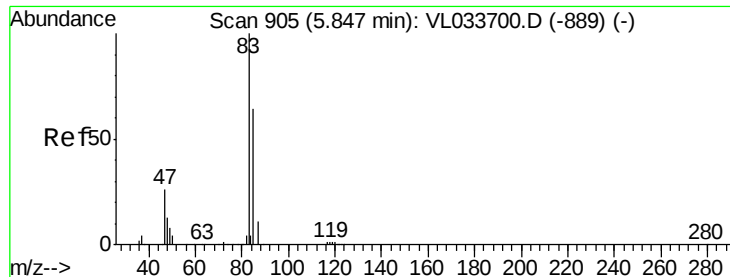
MMDadoda
5/28/2019 2:53:59 AM



#27
Carbon Disulfide
Concen: 2.498 ppbv
RT: 4.62 min Scan# 523
Delta R.T. 0.00 min
Lab File: VL033793.D
Acq: 24 May 2019 4:03

Tgt Ion	Ratio	Lower	Upper
76	100		
44	17.6	13.8	20.8
78	9.5	7.4	11.0





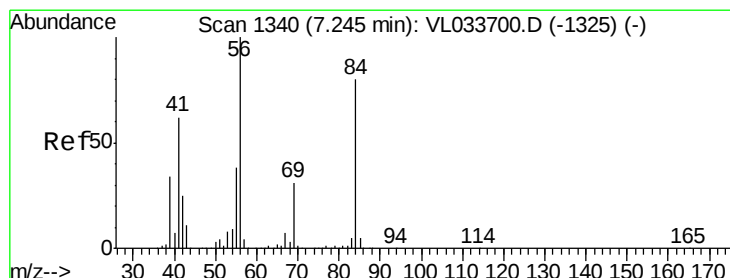
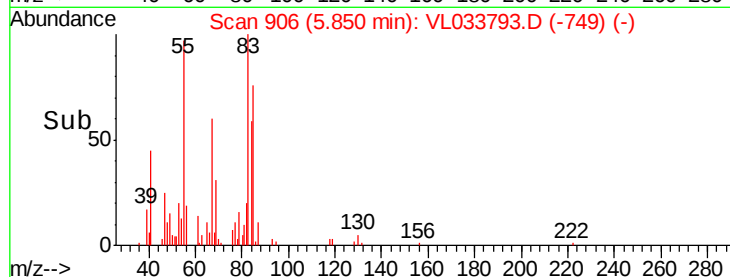
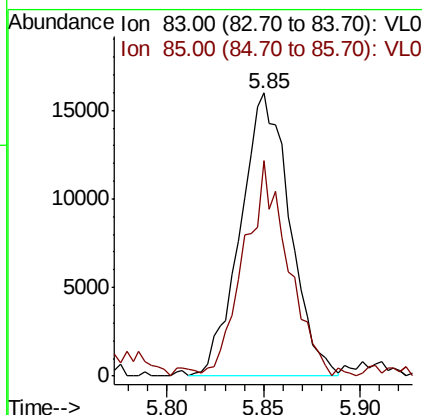
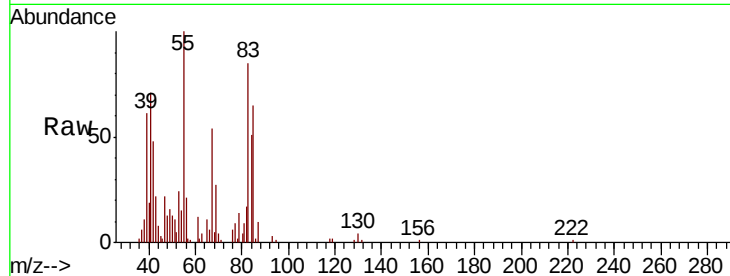
#29
Chloroform
Concen: 0.164 ppbv
RT: 5.85 min Scan# 906
Delta R.T. 0.00 min
Lab File: VL033793.D
Acq: 24 May 2019 4:03

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3006-25

Tot Ion: 83 Resp: 28406
Ion Ratio Lower Upper
83 100
85 73.8 51.5 77.3

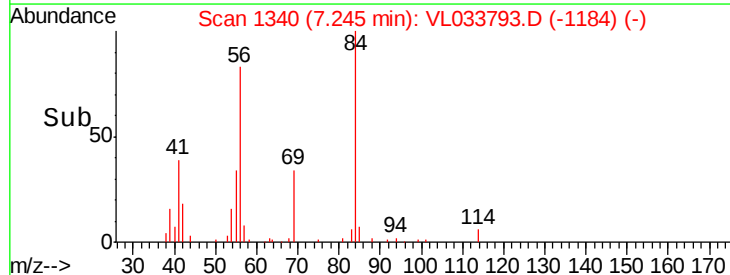
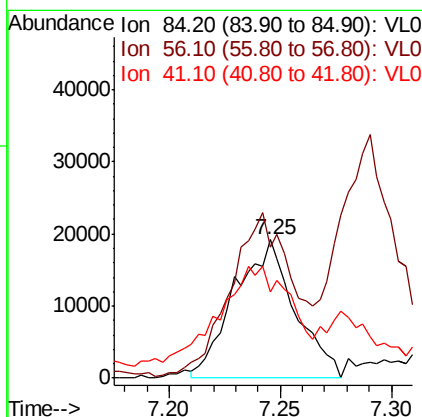
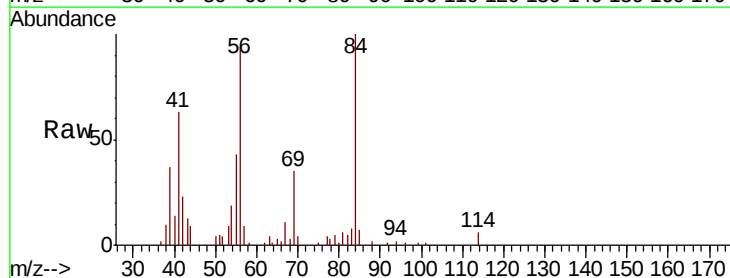
Manual Integrations
APPROVED

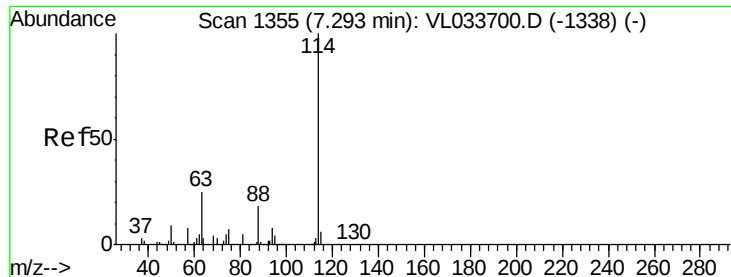
MMDadoda
5/28/2019 2:53:59 AM



#30
Cyclohexane
Concen: 0.463 ppbv m
RT: 7.25 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VL033793.D
Acq: 24 May 2019 4:03

Tgt Ion: 84 Resp: 36525
Ion Ratio Lower Upper
84 100
56 115.8 107.7 161.5
41 97.7 66.0 99.0





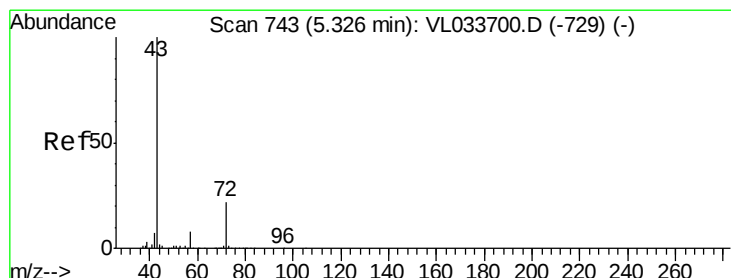
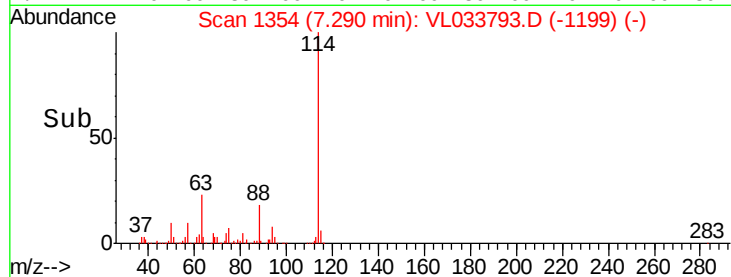
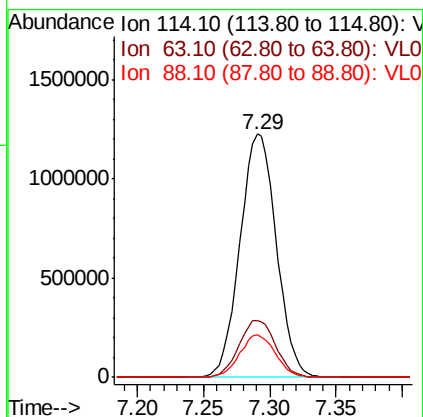
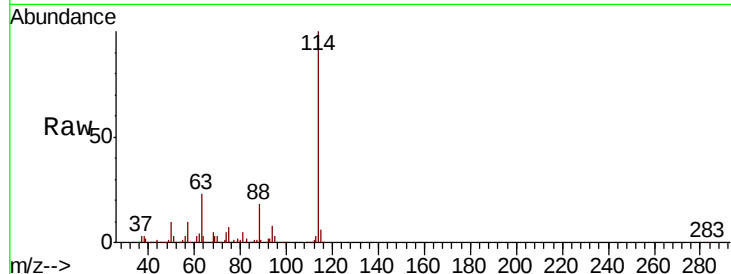
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: VL033793.D
 Acq: 24 May 2019 4:03

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3006-25

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.9	20.9	31.3
88	17.2	14.3	21.5

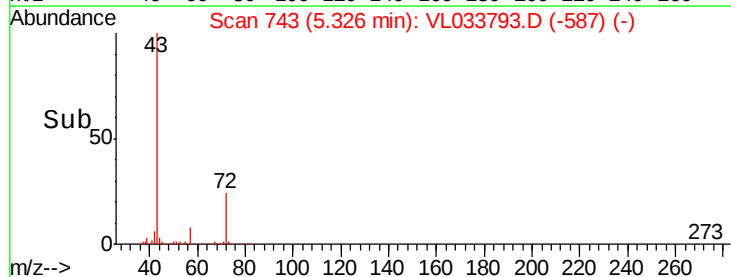
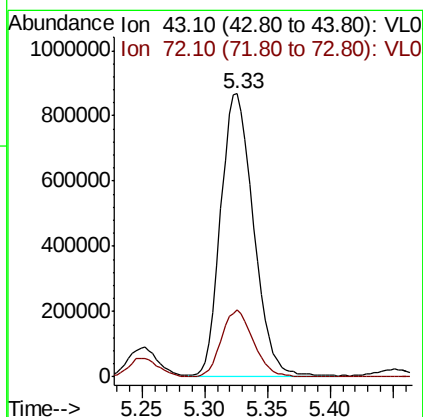
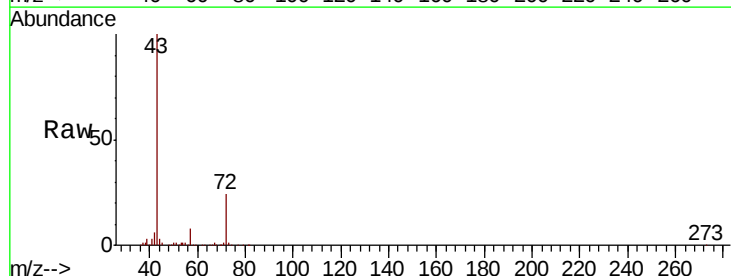
Manual Integrations
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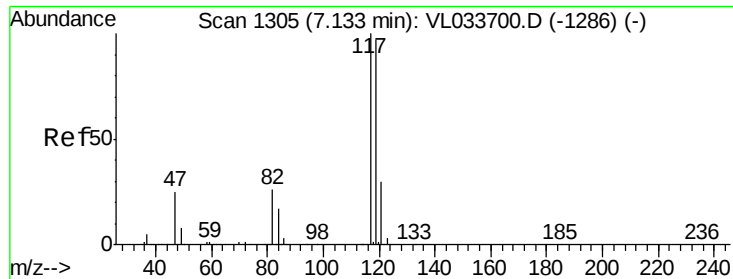
MMDadoda
 5/28/2019 2:53:59 AM



#34
 2-Butanone
 Concen: 10.867 ppbv
 RT: 5.33 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: VL033793.D
 Acq: 24 May 2019 4:03

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.0	17.8	26.6





#35

Carbon Tetrachloride

Concen: 0.063 ppbv m

RT: 7.13 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VL033793.D

Acq: 24 May 2019 4:03

Instrument :

MSVOA_L

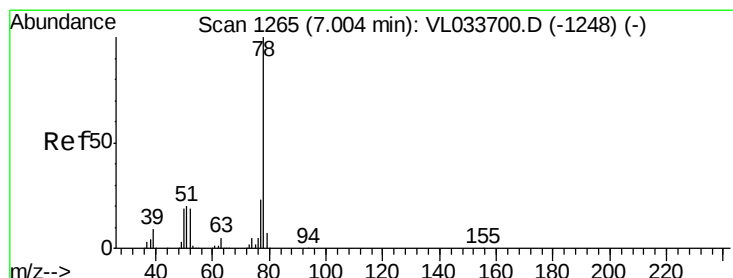
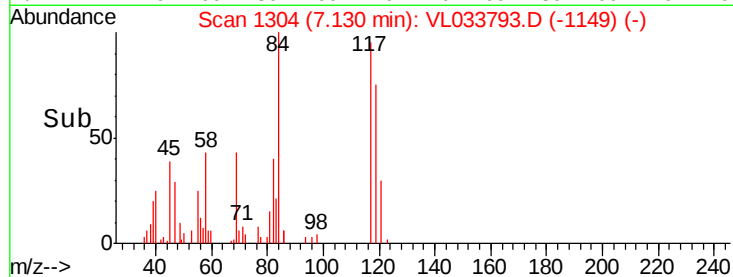
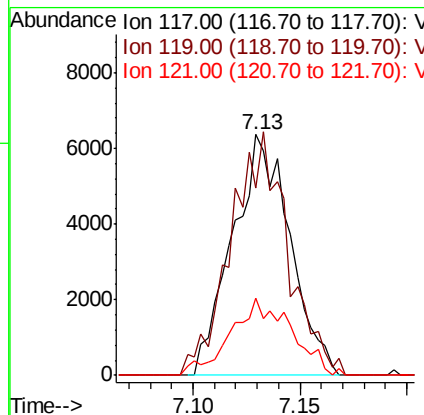
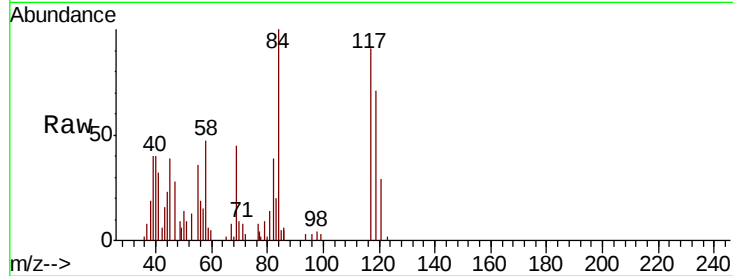
ClientSampleId :

BPS1-SG-3006-25

Tot Ion	Ratio	Lower	Upper
117	100		
119	78.1	77.2	115.8
121	31.9	24.1	36.1

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#36

Benzene

Concen: 1.548 ppbv

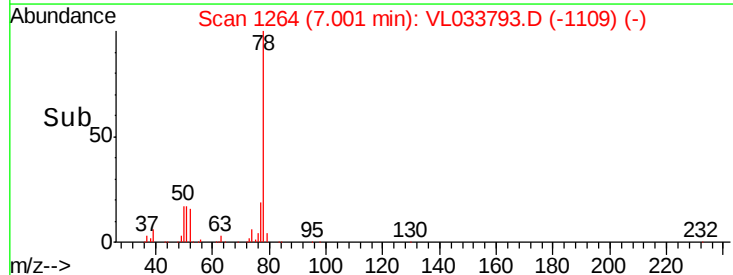
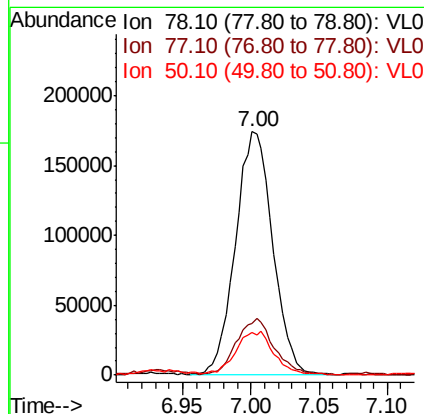
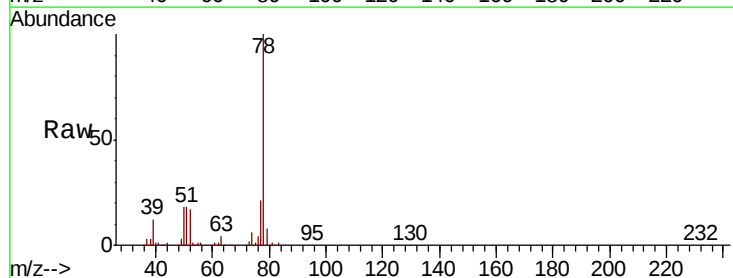
RT: 7.00 min Scan# 1264

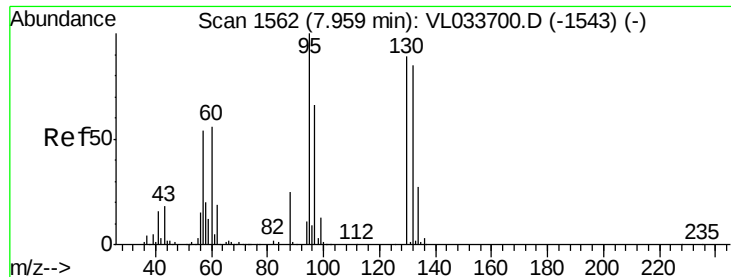
Delta R.T. -0.00 min

Lab File: VL033793.D

Acq: 24 May 2019 4:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.2	18.4	27.6
50	17.6	15.5	23.3





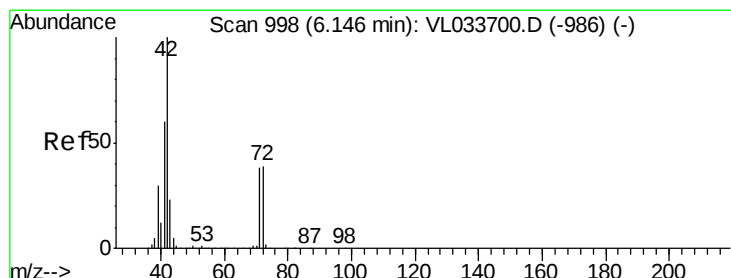
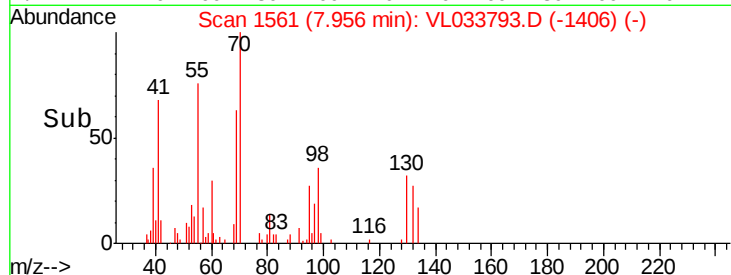
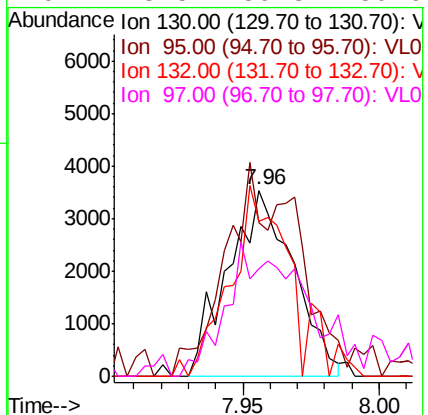
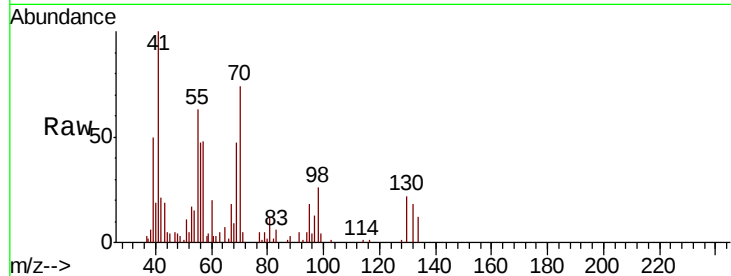
#38
 Trichloroethene
 Concen: 0.075 ppbv
 RT: 7.96 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: VL033793.D
 Acq: 24 May 2019 4:03

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3006-25

Tot Ion	Ratio	Lower	Upper
130	100		
95	67.5	90.2	135.4#
132	83.0	76.4	114.6
97	48.5	59.8	89.6#

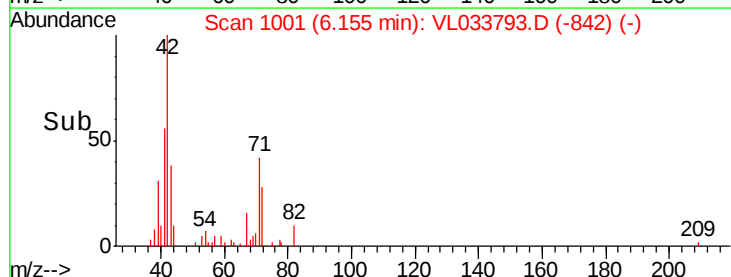
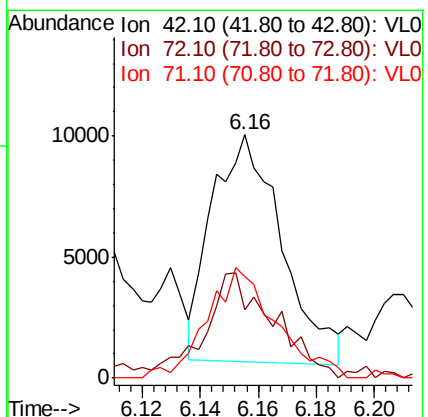
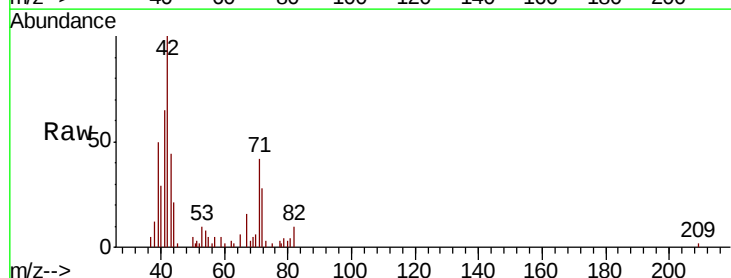
Manual Integrations
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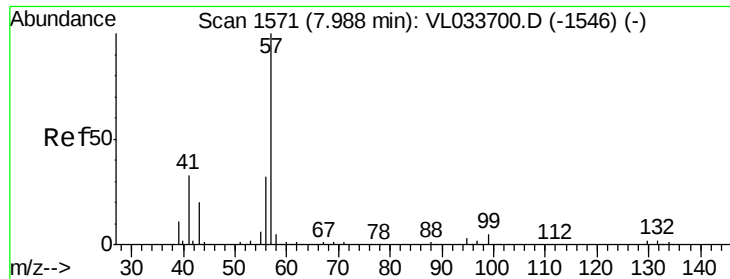
MMDadoda
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#41
 Tetrahydrofuran
 Concen: 0.194 ppbv
 RT: 6.16 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VL033793.D
 Acq: 24 May 2019 4:03

Tgt Ion	Ratio	Lower	Upper
42	100		
72	55.1	32.0	48.0#
71	48.3	30.4	45.6#





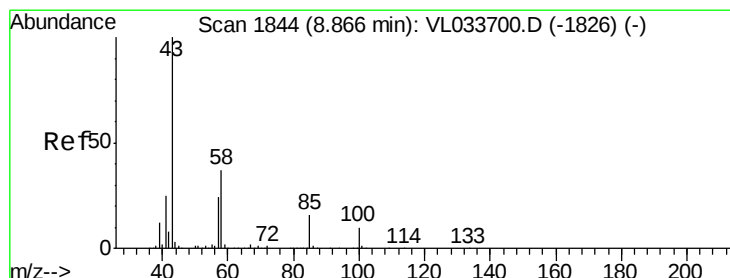
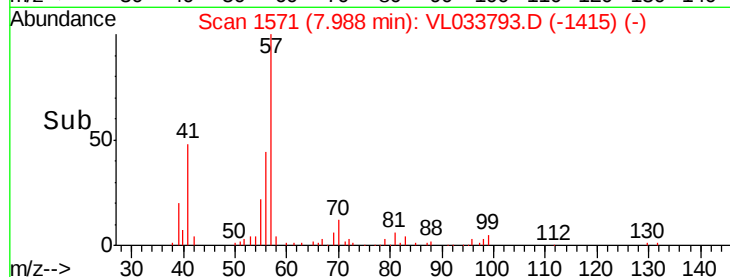
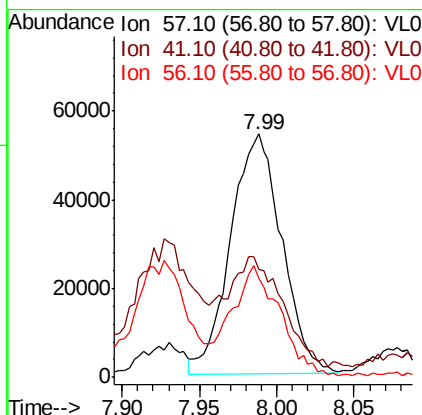
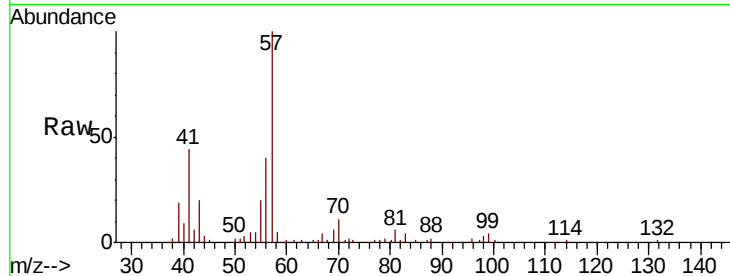
#44
 2,2,4-Trimethylpentane
 Concen: 0.345 ppbv
 RT: 7.99 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VL033793.D
 Acq: 24 May 2019 4:03

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3006-25

Tot Ion	Ratio	Lower	Upper
57	100		
41	56.8	25.4	38.0#
56	42.8	24.7	37.1#

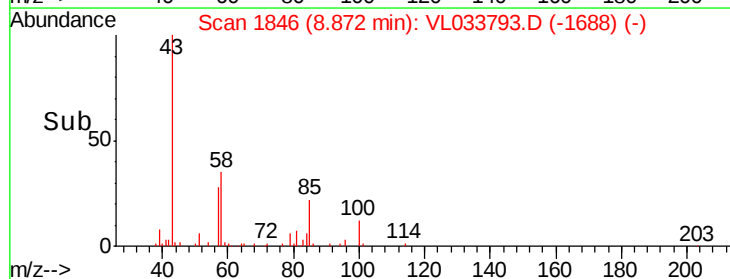
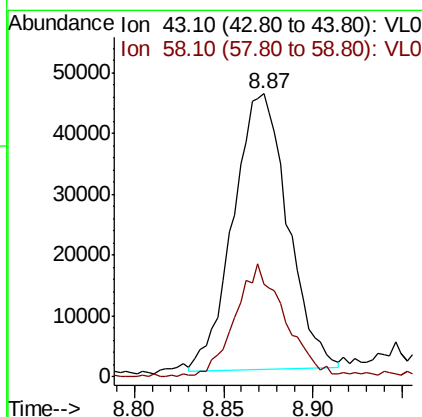
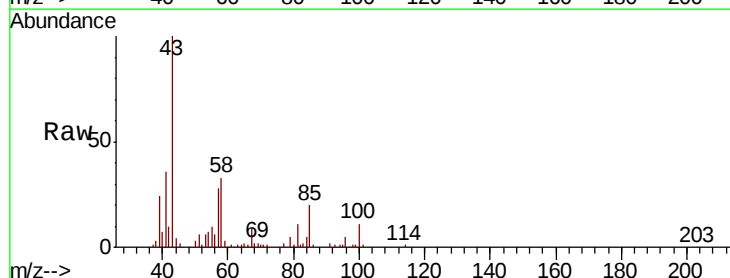
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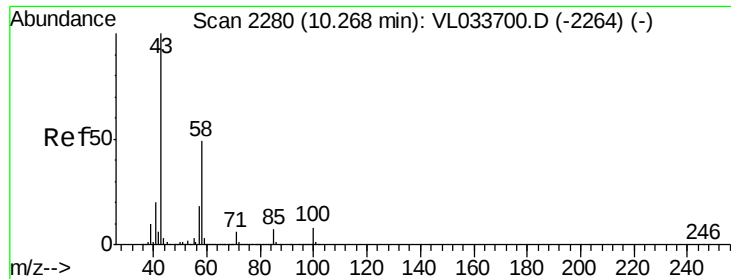
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#50
 4-Methyl-2-Pentanone
 Concen: 0.435 ppbv
 RT: 8.87 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: VL033793.D
 Acq: 24 May 2019 4:03

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.6	28.6	43.0





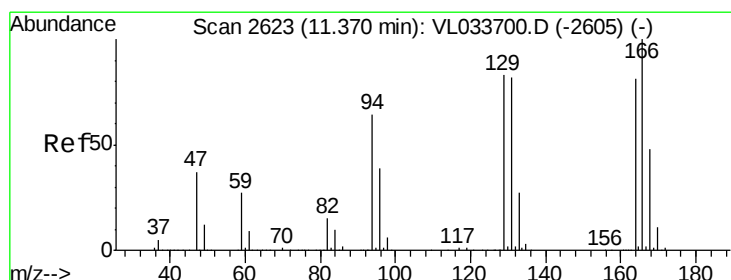
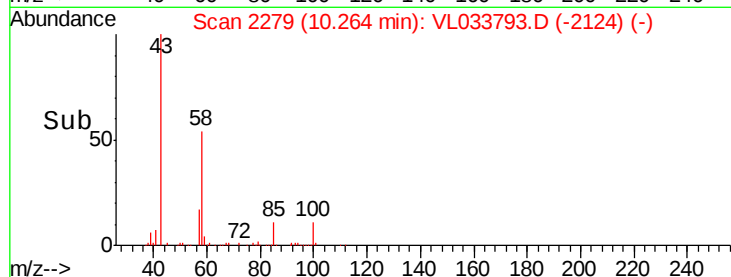
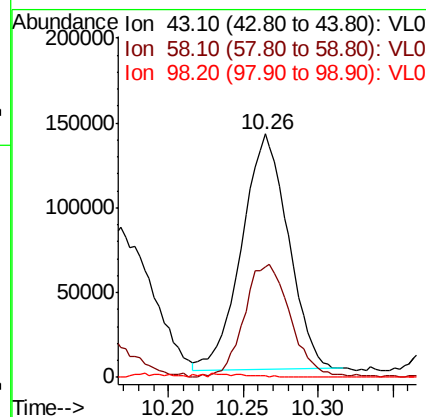
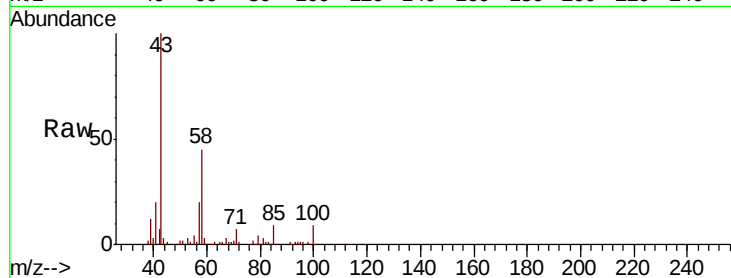
#51
2-Hexanone
Concen: 1.727 ppbv
RT: 10.26 min Scan# 2279
Delta R.T. -0.00 min
Lab File: VL033793.D
Acq: 24 May 2019 4:03

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3006-25

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.0	38.7	58.1
98	1.3	0.2	0.4#

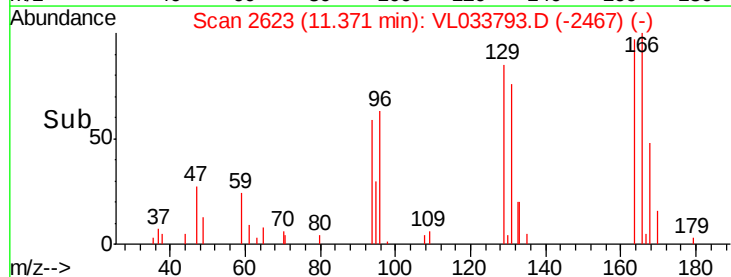
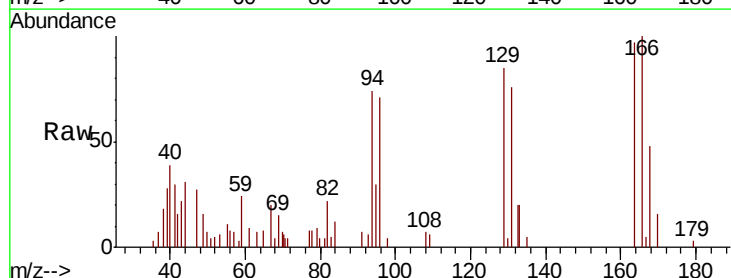
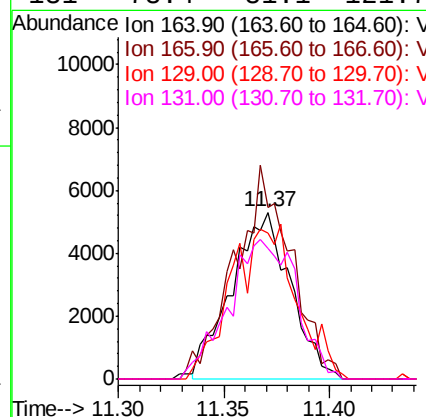
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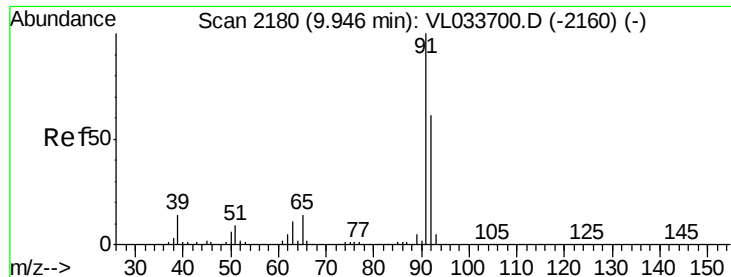
MMDadoda
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#52
Tetrachloroethene
Concen: 0.138 ppbv
RT: 11.37 min Scan# 2623
Delta R.T. 0.00 min
Lab File: VL033793.D
Acq: 24 May 2019 4:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	103.3	98.9	148.3
129	84.7	81.8	122.6
131	78.4	81.1	121.7#





#53

Toluene

Concen: 10.403 ppbv

RT: 9.94 min Scan# 2178

Delta R.T. -0.01 min

Lab File: VL033793.D

Acq: 24 May 2019 4:03

Instrument :

MSVOA_L

ClientSampled :

BPS1-SG-3006-25

Tot Ion: 91 Resp: 2385681

Ion Ratio Lower Upper

91 100

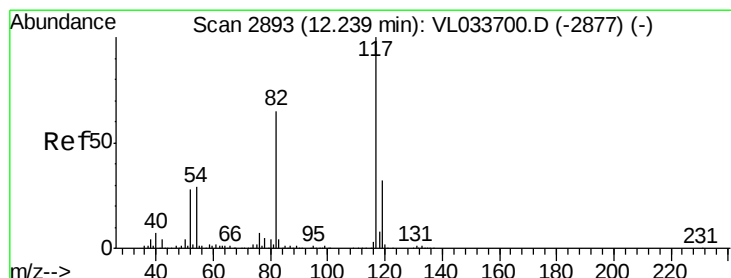
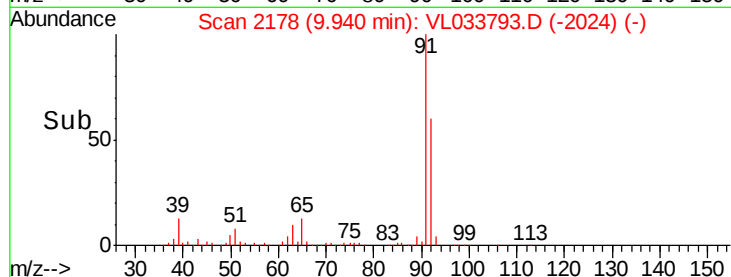
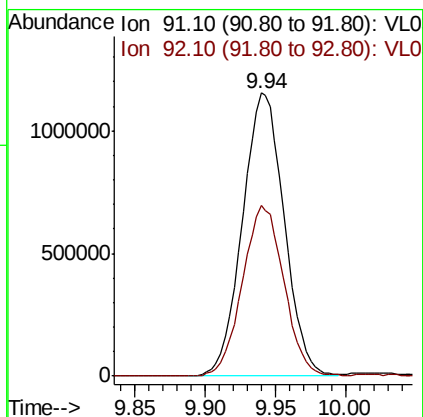
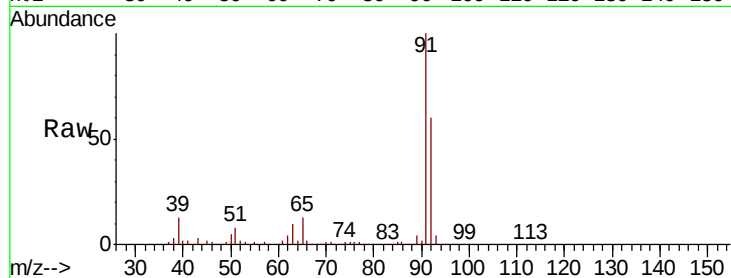
92 59.9 47.6 71.4

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2892

Delta R.T. -0.00 min

Lab File: VL033793.D

Acq: 24 May 2019 4:03

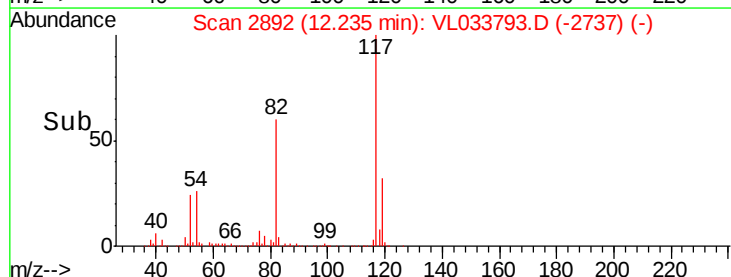
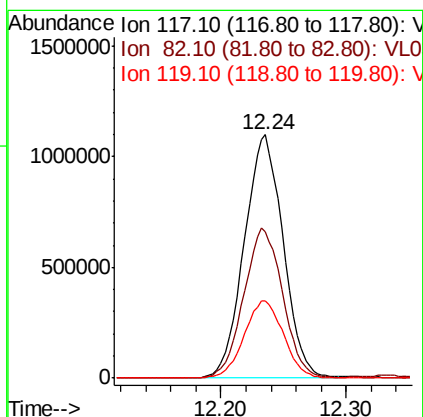
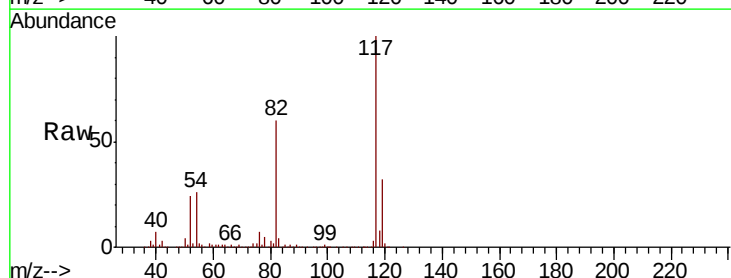
Tgt Ion: 117 Resp: 2370933

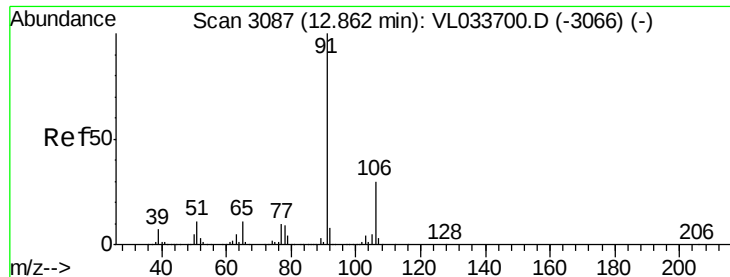
Ion Ratio Lower Upper

117 100

82 61.8 49.4 74.0

119 32.3 24.9 37.3





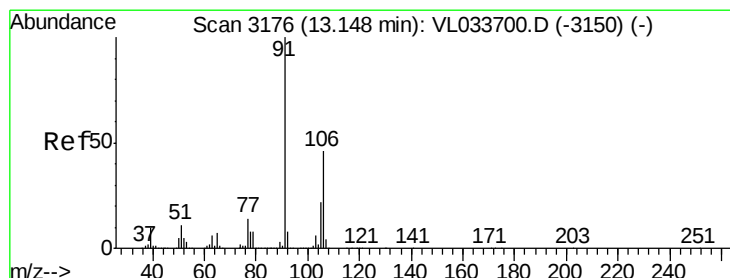
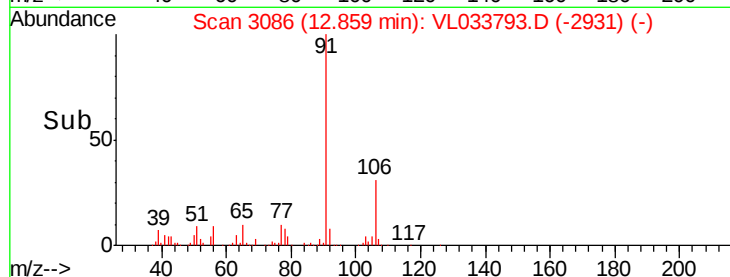
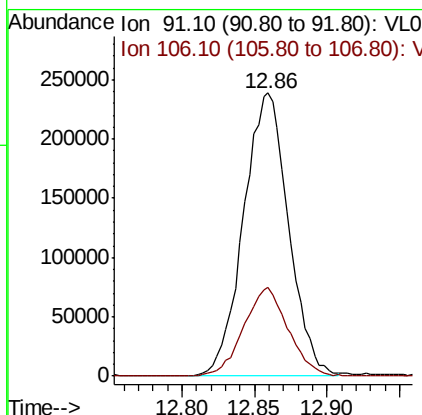
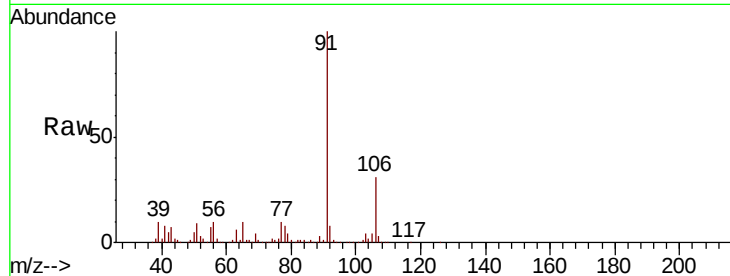
#58
Ethyl Benzene
Concen: 1.644 ppbv
RT: 12.86 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VL033793.D
Acq: 24 May 2019 4:03

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3006-25

Tot Ion: 91 Resp: 516313
Ion Ratio Lower Upper
91 100
106 31.2 23.9 35.9

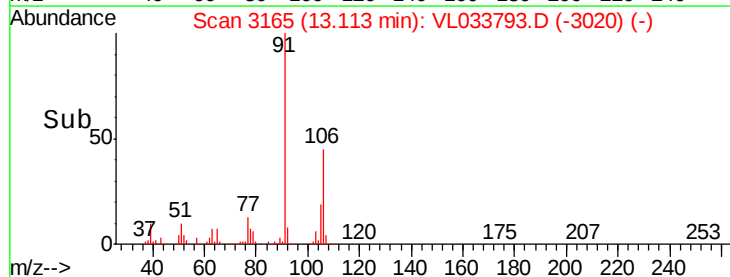
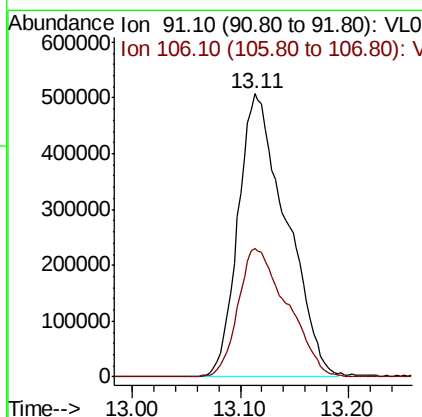
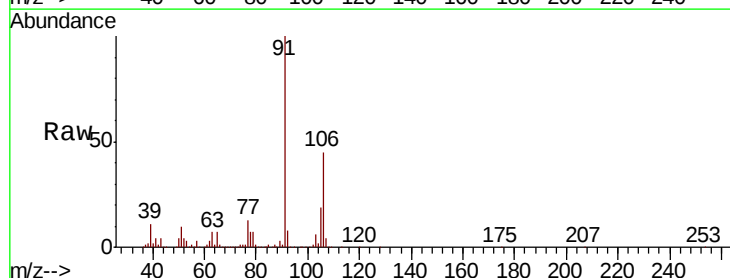
Manual Integrations
APPROVED

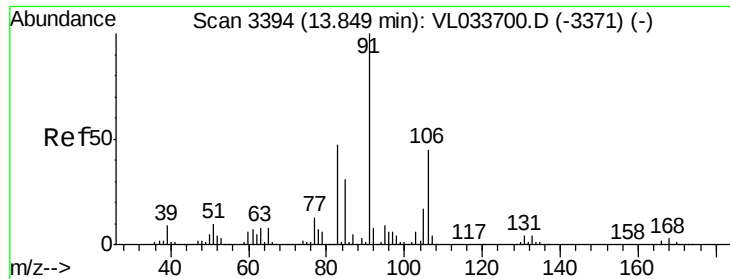
MMDadoda
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#59
m/p-Xylene
Concen: 5.719 ppbv
RT: 13.11 min Scan# 3165
Delta R.T. -0.04 min
Lab File: VL033793.D
Acq: 24 May 2019 4:03

Tgt Ion: 91 Resp: 1569524
Ion Ratio Lower Upper
91 100
106 46.7 35.8 53.6





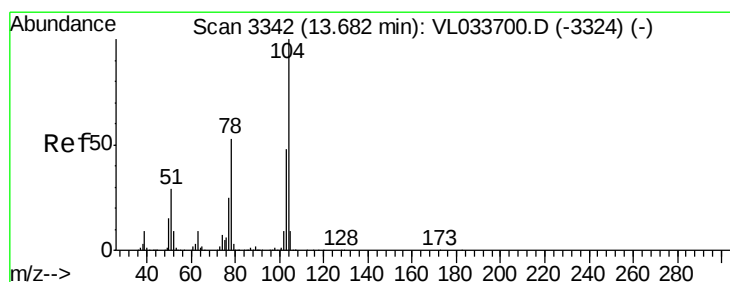
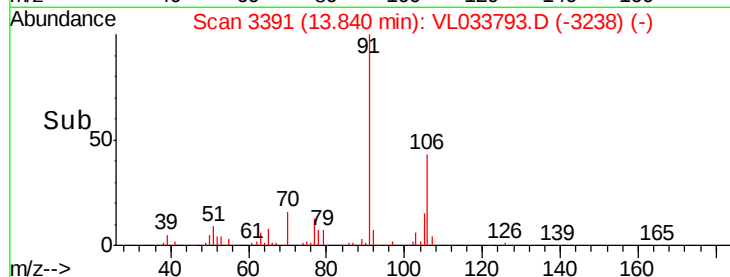
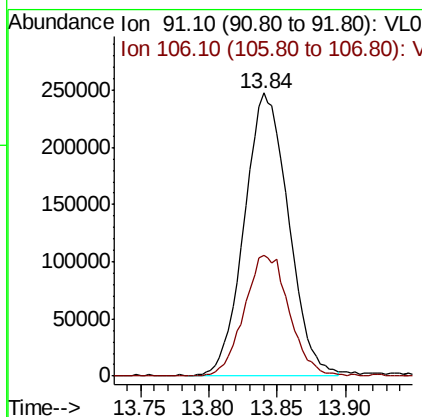
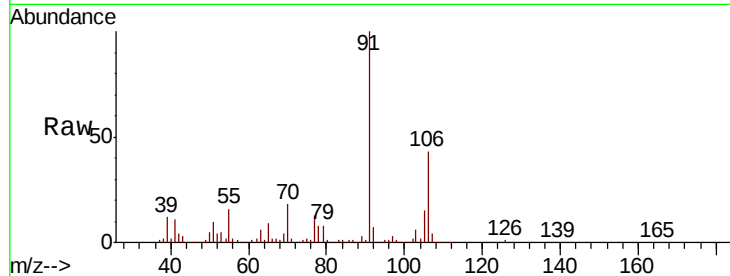
#60
o-Xylene
Concen: 2.010 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL033793.D
Acq: 24 May 2019 4:03

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3006-25

Tot Ion: 91 Resp: 556056
Ion Ratio Lower Upper
91 100
106 43.8 21.6 64.8

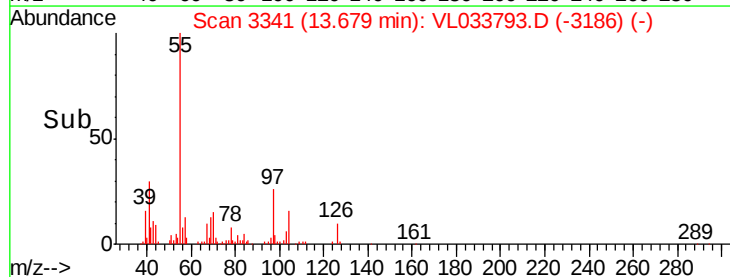
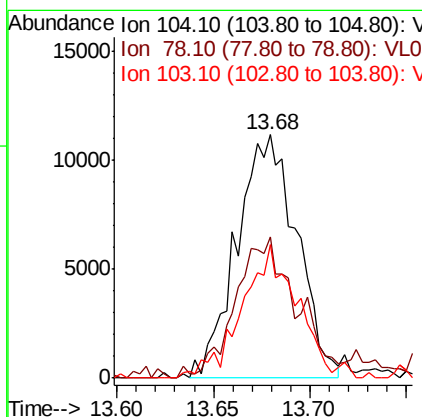
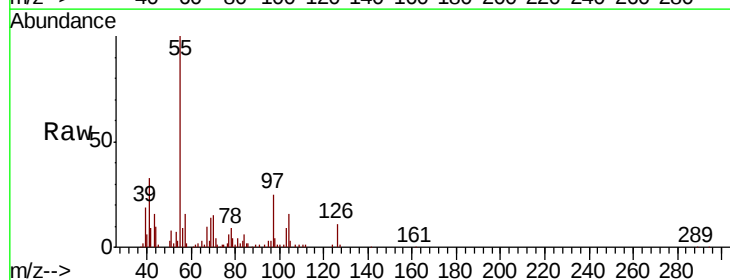
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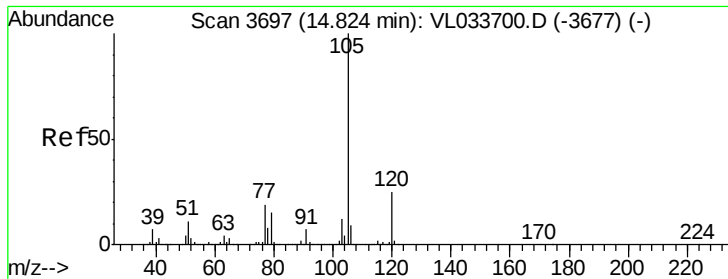
MMDadoda
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#61
Styrene
Concen: 0.129 ppbv m
RT: 13.68 min Scan# 3341
Delta R.T. -0.00 min
Lab File: VL033793.D
Acq: 24 May 2019 4:03

Tgt Ion: 104 Resp: 24059
Ion Ratio Lower Upper
104 100
78 66.8 42.6 64.0#
103 51.2 37.8 56.6





#62

Isopropylbenzene

Concen: 0.114 ppbv

RT: 14.83 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VL033793.D

Acq: 24 May 2019 4:03

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3006-25

Tot Ion:105 Resp: 42633

Ion Ratio Lower Upper

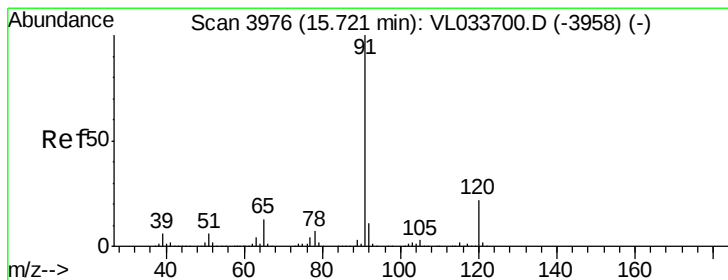
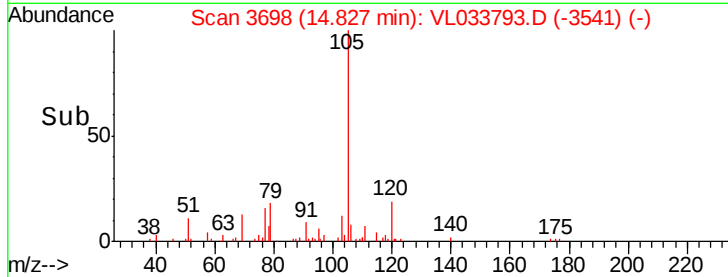
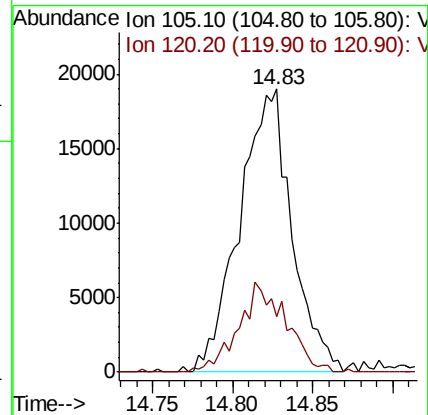
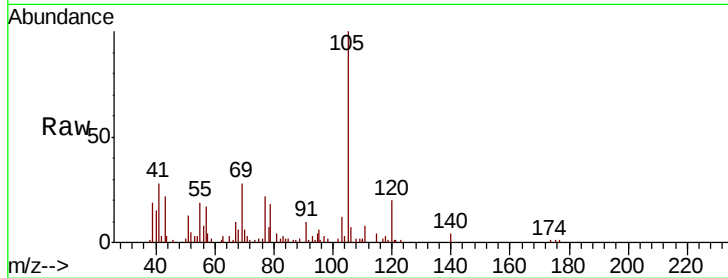
105 100

120 28.4 20.1 30.1

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#64

n-propylbenzene

Concen: 0.382 ppbv

RT: 15.71 min Scan# 3974

Delta R.T. -0.01 min

Lab File: VL033793.D

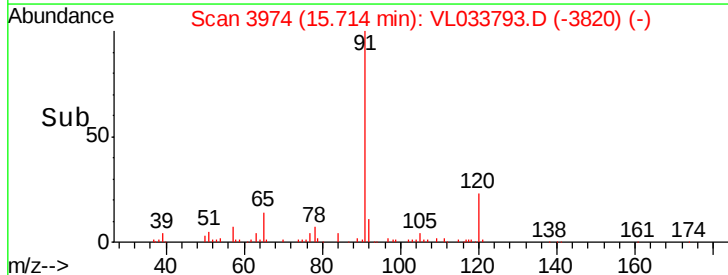
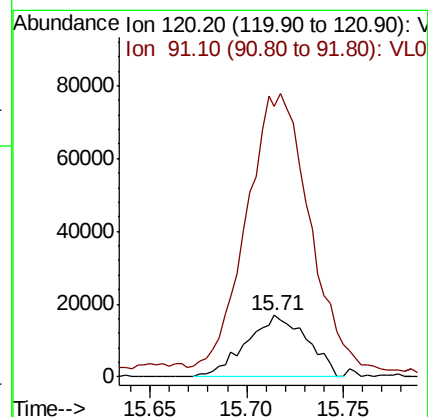
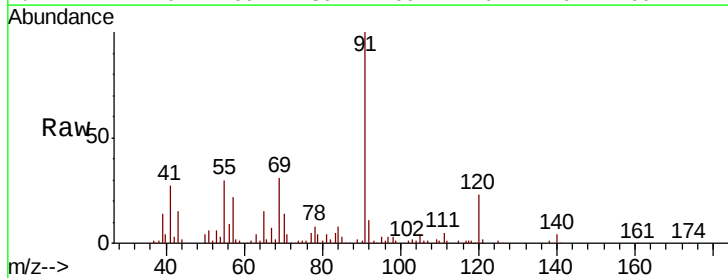
Acq: 24 May 2019 4:03

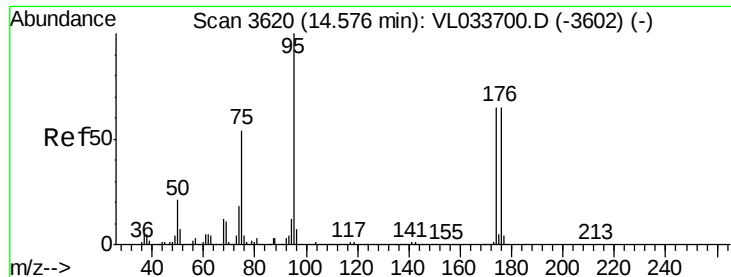
Tgt Ion:120 Resp: 36788

Ion Ratio Lower Upper

120 100

91 507.6 379.1 568.7





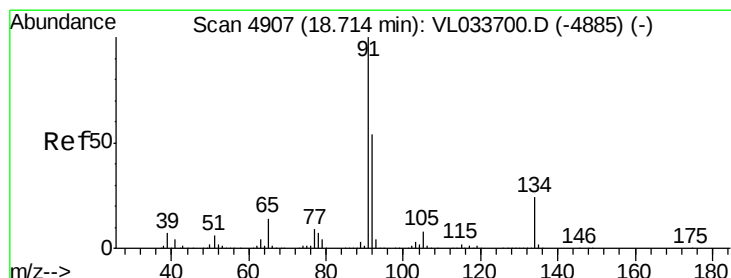
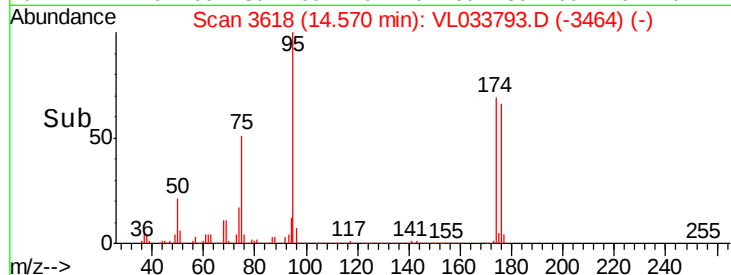
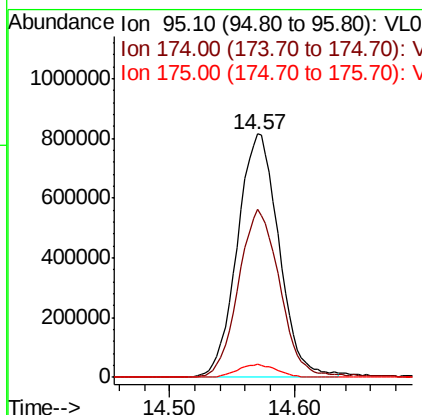
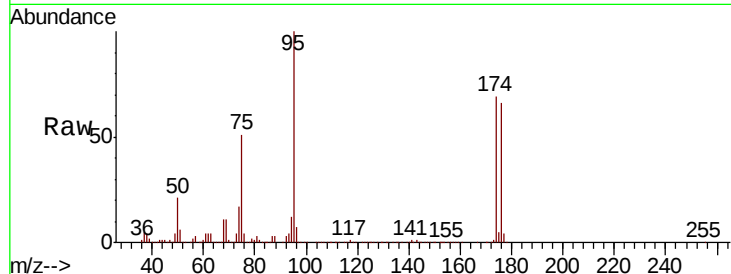
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.698 ppbv
 RT: 14.57 min Scan# 3618
 Delta R.T. -0.01 min
 Lab File: VL033793.D
 Acq: 24 May 2019 4:03

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3006-25

Tot Ion: 95 Resp: 1864088
 Ion Ratio Lower Upper
 95 100
 174 70.0 53.9 80.9
 175 5.2 3.8 5.8

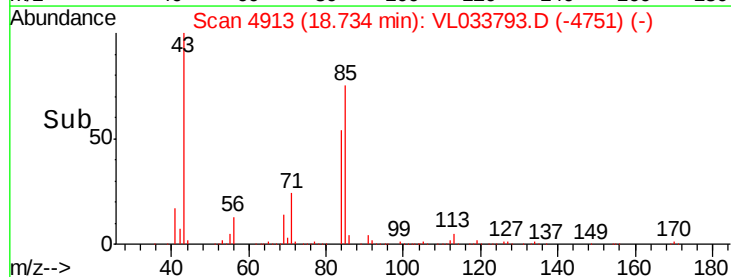
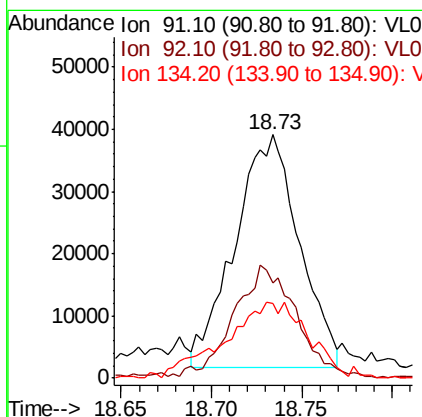
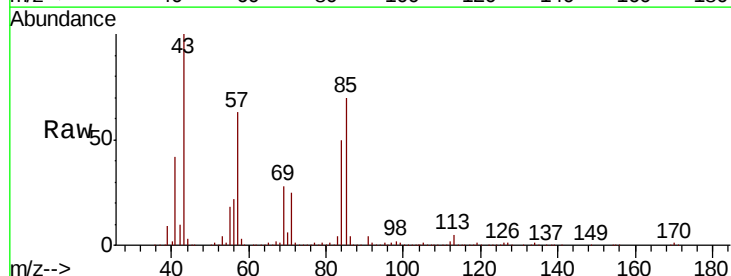
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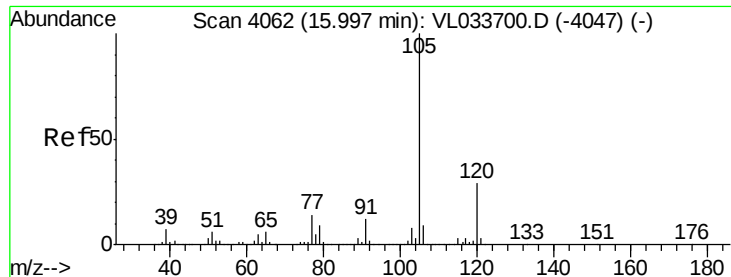
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#70
 n-Butylbenzene
 Concen: 0.219 ppbv m
 RT: 18.73 min Scan# 4913
 Delta R.T. 0.02 min
 Lab File: VL033793.D
 Acq: 24 May 2019 4:03

Tgt Ion: 91 Resp: 92500
 Ion Ratio Lower Upper
 91 100
 92 48.1 42.6 63.8
 134 0.0 18.1 27.1#





#72

4-Ethyltoluene

Concen: 0.610 ppbv

RT: 15.99 min Scan# 4061

Delta R.T. -0.00 min

Lab File: VL033793.D

Acq: 24 May 2019 4:03

Instrument :

MSVOA_L

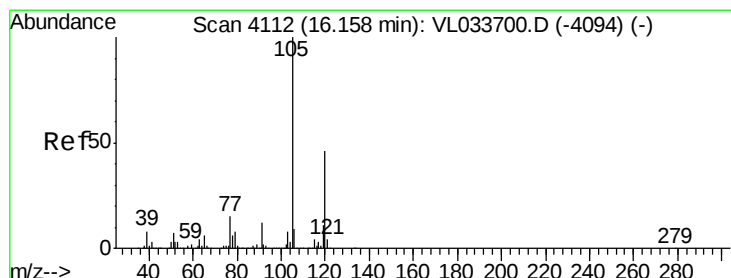
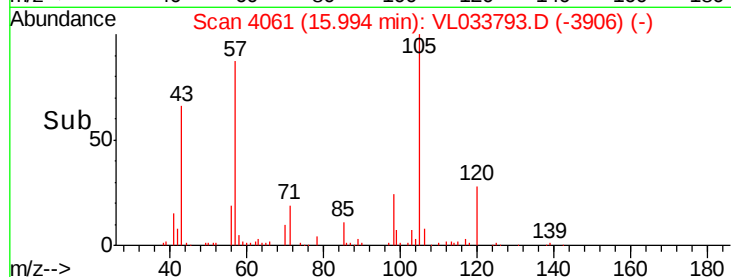
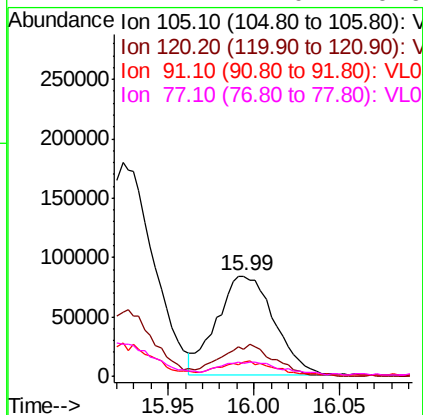
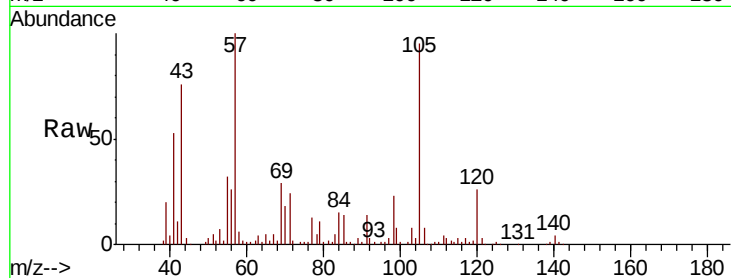
ClientSampleId :

BPS1-SG-3006-25

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	193096		
120	120	30.6	23.1	34.7	
91	91	15.3	10.4	15.6	
77	77	14.1	11.0	16.6	

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#73

1,3,5-Trimethylbenzene

Concen: 0.423 ppbv

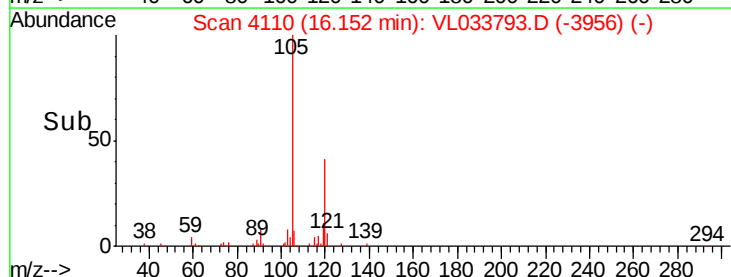
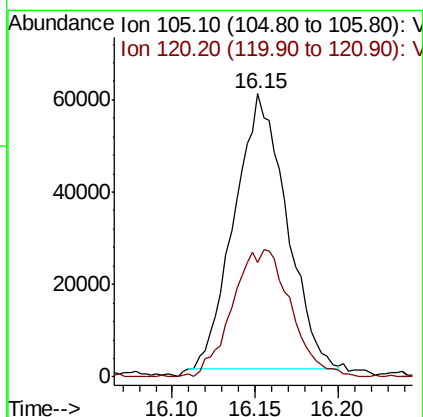
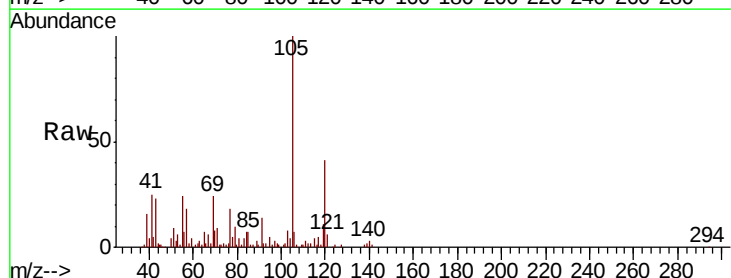
RT: 16.15 min Scan# 4110

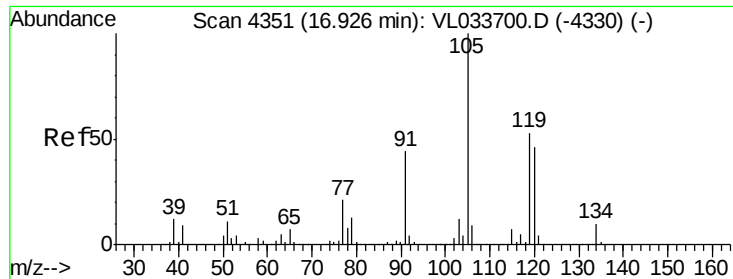
Delta R.T. -0.01 min

Lab File: VL033793.D

Acq: 24 May 2019 4:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	130622		
120	120	40.7	37.0	55.4	





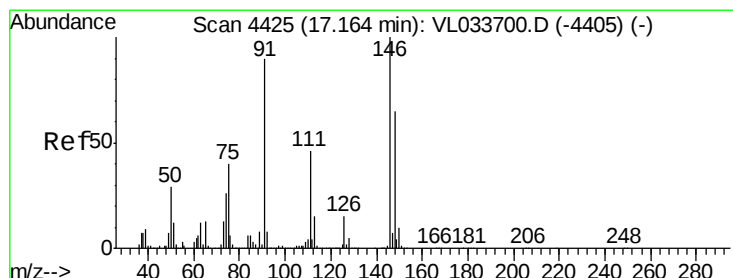
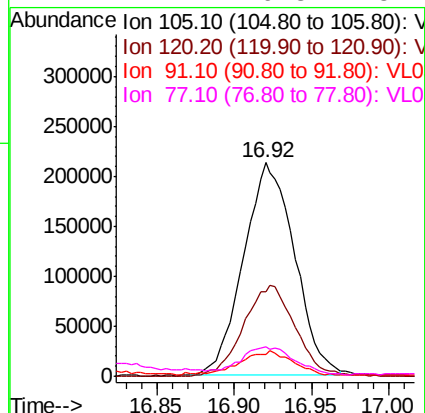
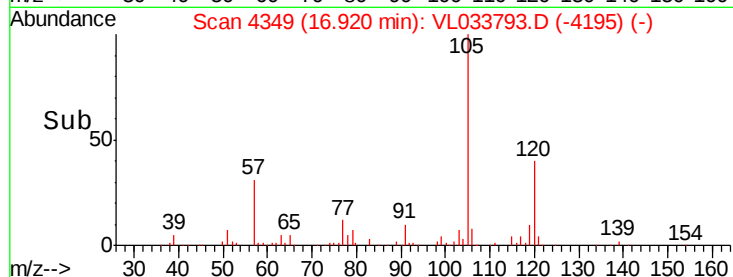
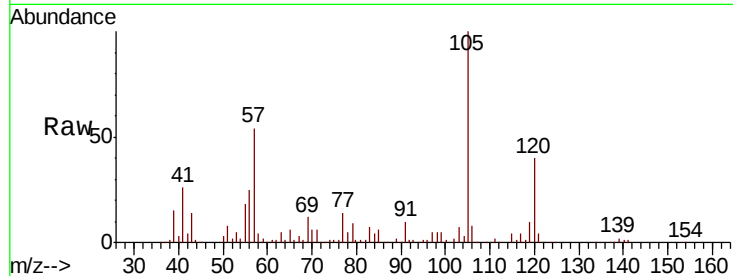
#74
 1,2,4-Trimethylbenzene
 Concen: 1.449 ppbv
 RT: 16.92 min Scan# 4349
 Delta R.T. -0.01 min
 Lab File: VL033793.D
 Acq: 24 May 2019 4:03

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3006-25

Tot Ion	Ratio	Resp	Lower	Upper
105	100	486874		
120	39.9	36.8	55.2	
91	9.9	35.4	53.0	
77	12.2	16.8	25.2	

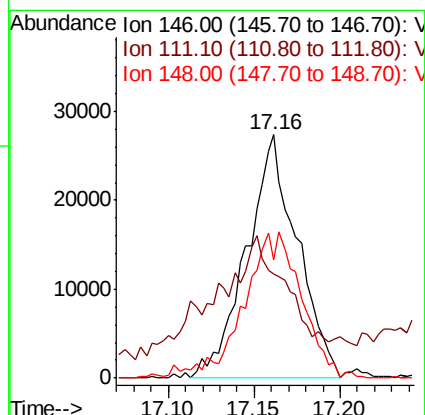
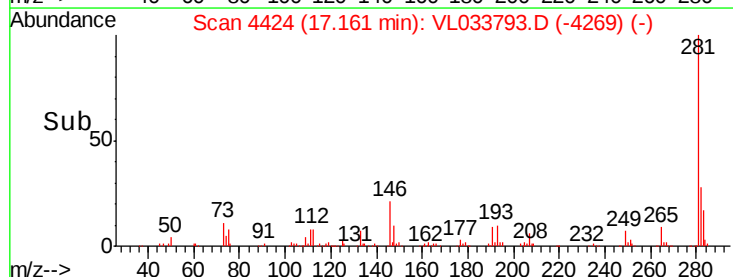
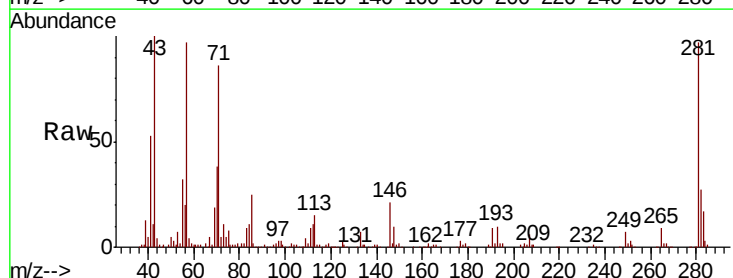
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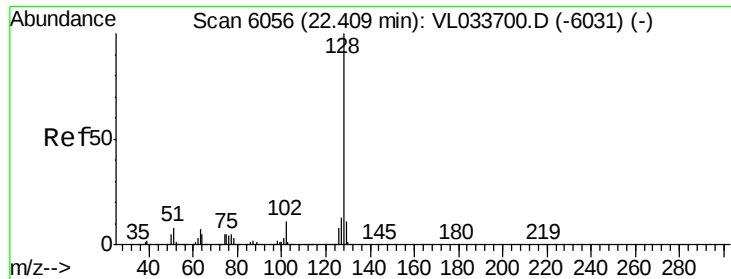
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#75
 1,3-Dichlorobenzene
 Concen: 0.273 ppbv
 RT: 17.16 min Scan# 4424
 Delta R.T. -0.00 min
 Lab File: VL033793.D
 Acq: 24 May 2019 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	56151		
111	86.0	22.9	68.8	
148	68.5	32.0	96.2	





#79

Naphthalene

Concen: 0.222 ppbv m

RT: 22.42 min Scan# 6059

Delta R.T. 0.01 min

Lab File: VL033793.D

Acq: 24 May 2019 4:03

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3006-25

Tot Ion:	128	Resp:	69373
Ion Ratio	Lower	Upper	
128	100		
127	17.0	10.6	16.0#
129	11.1	8.9	13.3

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