

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
 Data File : VL033818.D
 Acq On : 29 May 2019 1:13
 Operator : SY/AP
 Sample : K2960-07
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 BPS1-SG-3011-55

Manual Integrations
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 5/29/2019 12:41:01 PM

Quant Time: May 29 06:40:39 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	5.77	49	844880	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2199230	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2103992	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1669609	9.79	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	32756	0.184	ppbv	90
3) Chlorodifluoromethane	3.01	51	26077m	0.269	ppbv	
4) Chloromethane	3.17	50	21278	0.384	ppbv	91
9) Propene	3.03	41	3836965	93.213	ppbv	94
10) Heptane	8.24	43	317921	2.727	ppbv	99
11) Trichlorofluoromethane	4.00	101	81555	0.480	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.55	101	115922	0.977	ppbv	96
13) Ethanol	3.67	45	735993	55.319	ppbv	98
15) Acetone	3.90	43	19463315	166.037	ppbv #	65
17) tert-Butyl alcohol	4.37	59	217450	2.294	ppbv #	94
20) Methylene Chloride	4.42	84	296068	6.560	ppbv	95
26) Hexane	5.78	57	542566	6.129	ppbv #	41
27) Carbon Disulfide	4.62	76	219361	1.806	ppbv	97
30) Cyclohexane	7.24	84	45175	0.607	ppbv #	87
34) 2-Butanone	5.33	43	1914923	14.047	ppbv	99
35) Carbon Tetrachloride	7.13	117	7984m	0.045	ppbv	
36) Benzene	7.01	78	406146	2.030	ppbv	96
38) Trichloroethene	7.97	130	21126	0.285	ppbv #	75
41) Tetrahydrofuran	6.15	42	21017m	0.275	ppbv	
44) 2,2,4-Trimethylpentane	7.98	57	121721	0.360	ppbv #	57
50) 4-Methyl-2-Pentanone	8.88	43	113369	0.541	ppbv	96
51) 2-Hexanone	10.26	43	218644	1.336	ppbv #	95
52) Tetrachloroethene	11.36	164	12311m	0.175	ppbv	
53) Toluene	9.94	91	4710425	21.830	ppbv	98
58) Ethyl Benzene	12.86	91	575916	2.067	ppbv	98
59) m/p-Xylene	13.12	91	1889029	7.756	ppbv	97
60) o-Xylene	13.84	91	656802	2.675	ppbv	99
61) Styrene	13.67	104	33201m	0.201	ppbv	
62) Isopropylbenzene	14.82	105	39217	0.119	ppbv	94
64) n-propylbenzene	15.72	120	39924	0.467	ppbv	85
65) tert-Butylbenzene	16.92	119	87067m	0.288	ppbv	
70) n-Butylbenzene	18.73	91	80285m	0.214	ppbv	
72) 4-Ethyltoluene	15.99	105	249424	0.889	ppbv	98
73) 1,3,5-Trimethylbenzene	16.15	105	194030	0.708	ppbv	99
74) 1,2,4-Trimethylbenzene	16.92	105	773608	2.595	ppbv #	76
75) 1,3-Dichlorobenzene	17.15	146	53131	0.291	ppbv #	75
79) Naphthalene	22.42	128	101863	0.368	ppbv #	91

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

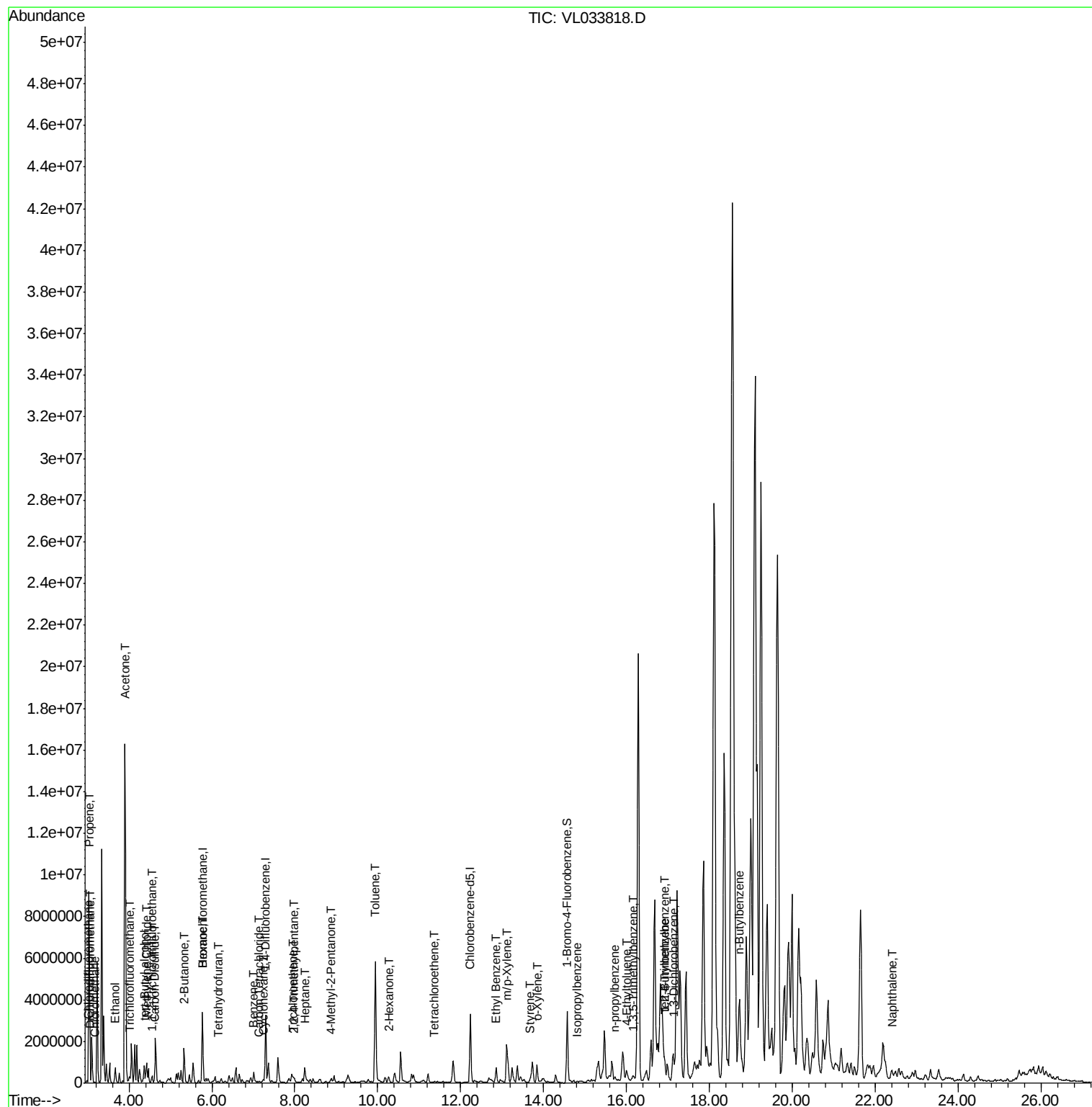
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
Data File : VL033818.D
Acq On : 29 May 2019 1:13
Operator : SY/AP
Sample : K2960-07
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

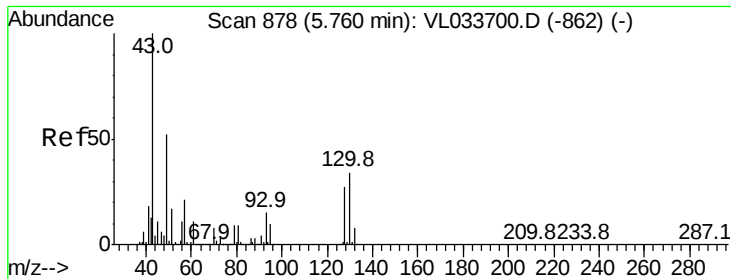
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-55

Manual Integrations
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Quant Time: May 29 06:40:39 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: 5.77 min Scan# 881

Delta R.T. 0.01 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

Instrument :

MSVOA_L

ClientSampleId :

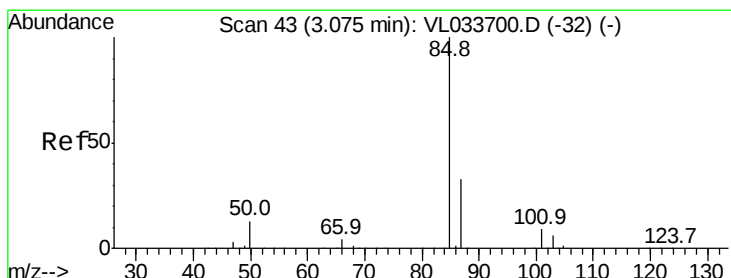
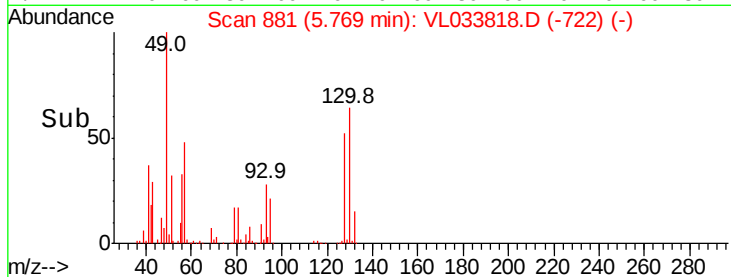
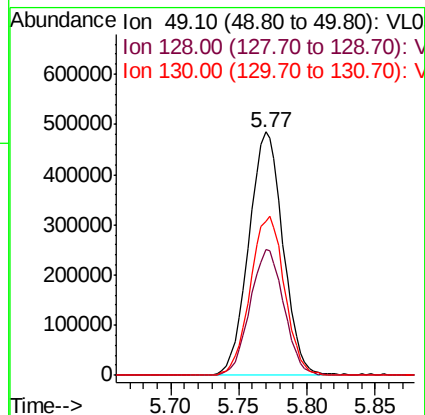
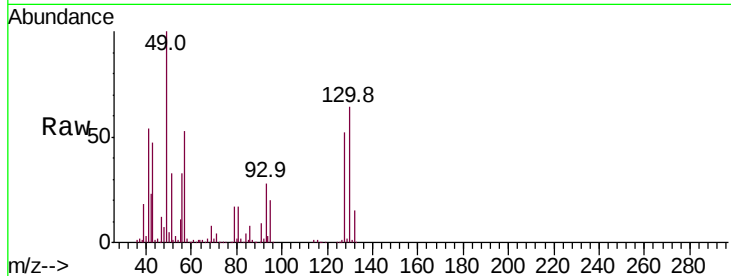
BPS1-SG-3011-55

Tot Ion	Ratio	Lower	Upper
49	100		
128	51.2	25.2	75.6
130	65.5	32.5	97.5

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#2

Dichlorodifluoromethane

Concen: 0.184 ppbv

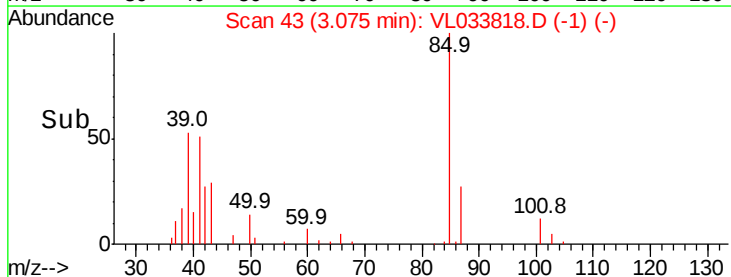
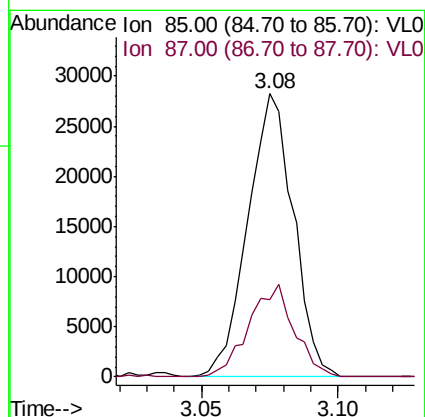
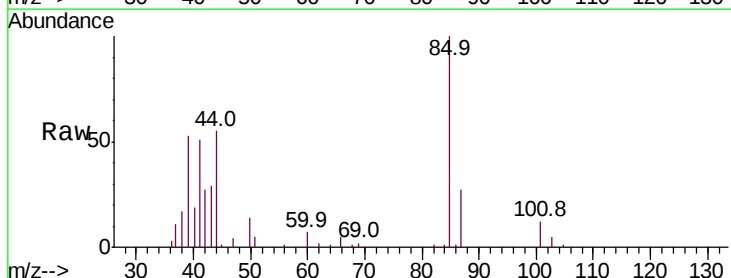
RT: 3.08 min Scan# 43

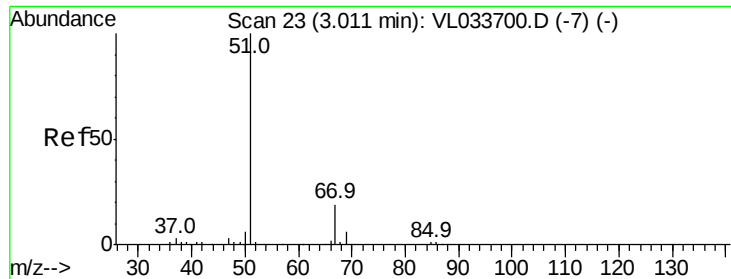
Delta R.T. 0.00 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

Tgt Ion	Ratio	Lower	Upper
85	100		
87	27.2	26.3	39.5





#3

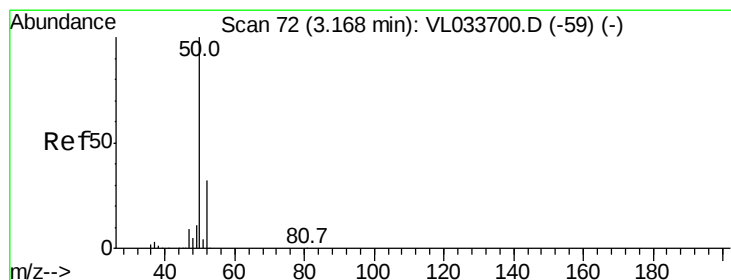
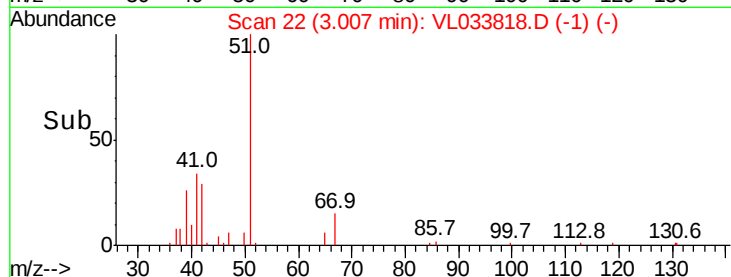
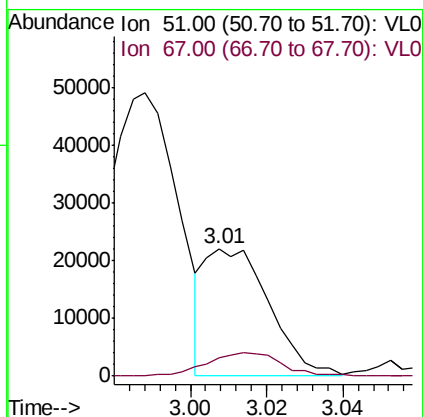
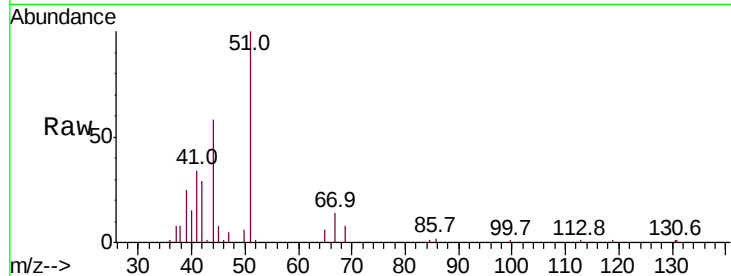
Chlorodifluoromethane
Concen: 0.269 ppbv
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: VL033818.D
Acq: 29 May 2019 1:13

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-55

Tot Ion: 51 Resp: 26077
Ion Ratio Lower Upper
51 100
67 21.4 15.6 23.4

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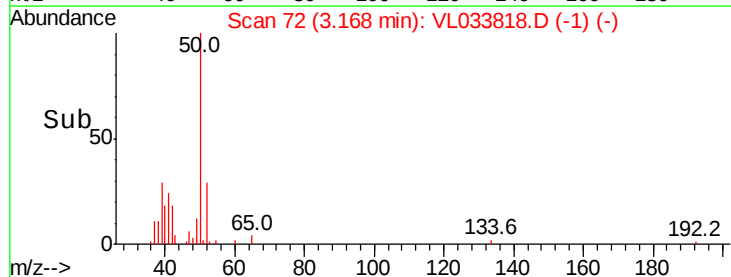
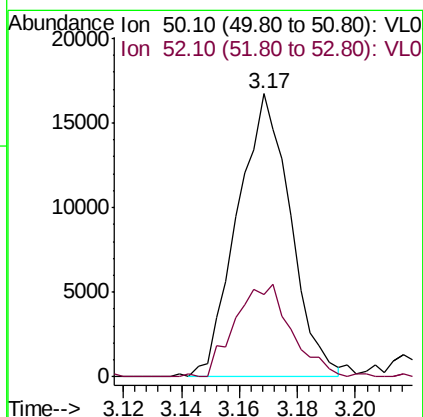
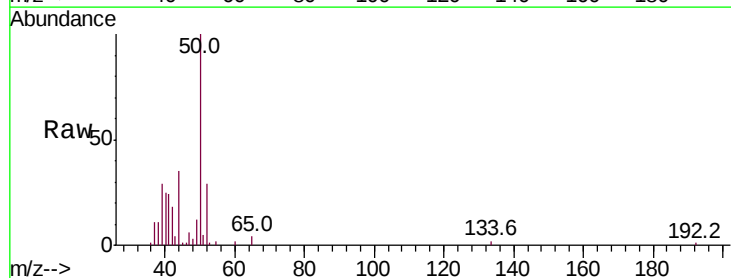
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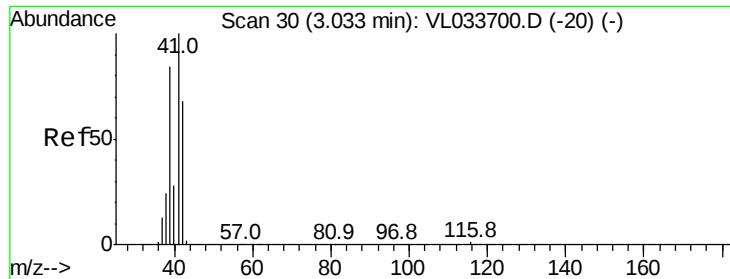


#4

Chloromethane
Concen: 0.384 ppbv
RT: 3.17 min Scan# 72
Delta R.T. 0.00 min
Lab File: VL033818.D
Acq: 29 May 2019 1:13

Tgt Ion: 50 Resp: 21278
Ion Ratio Lower Upper
50 100
52 26.9 25.7 38.5





#9

Propene

Concen: 93.213 ppbv

RT: 3.03 min Scan# 30

Delta R.T. 0.00 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3011-55

Tot Ion: 41 Resp: 3836965

Ion Ratio Lower Upper

41 100

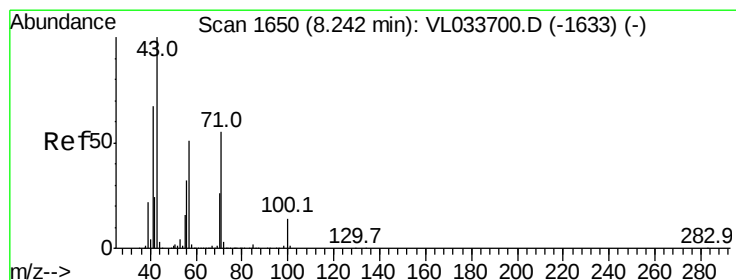
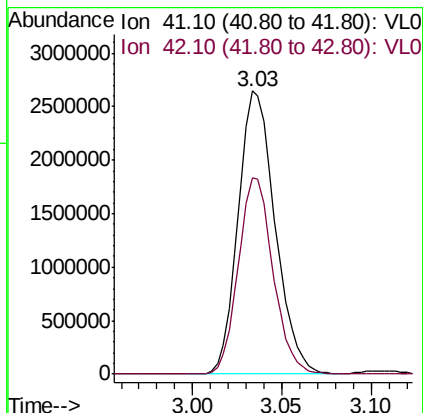
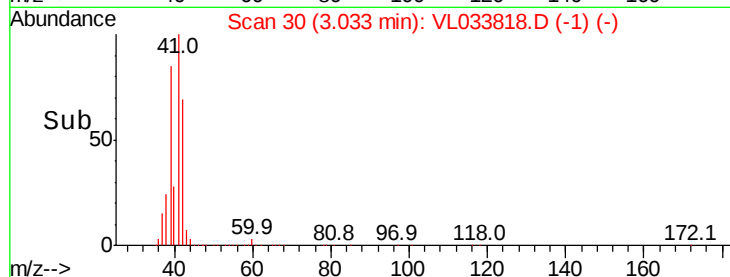
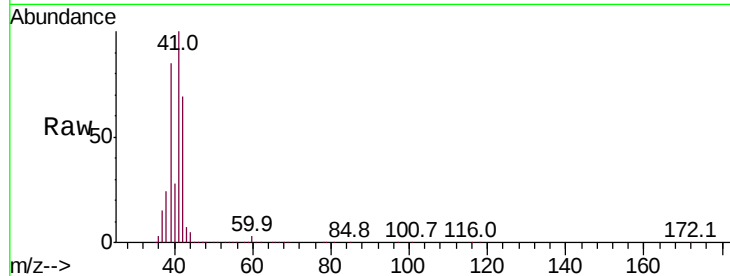
42 65.5 56.1 84.1

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#10

Heptane

Concen: 2.727 ppbv

RT: 8.24 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VL033818.D

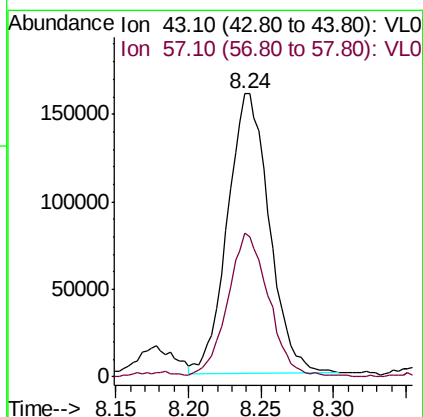
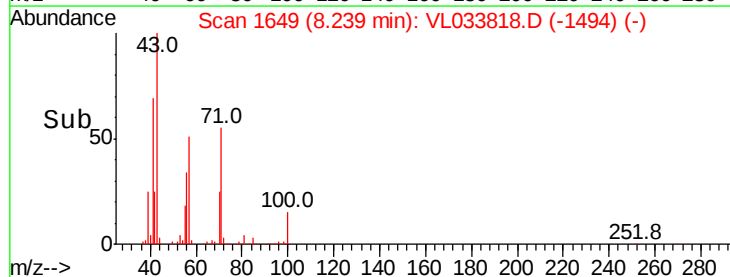
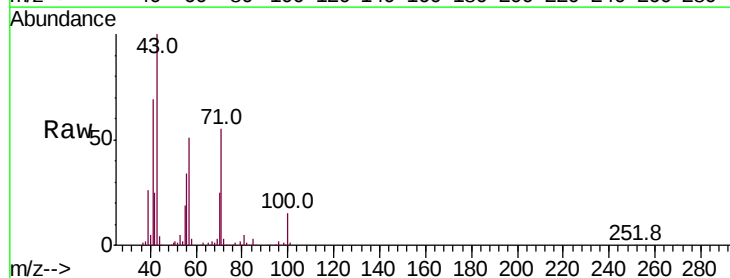
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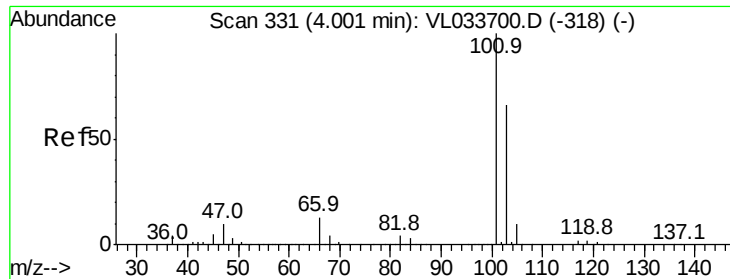
Tgt Ion: 43 Resp: 317921

Ion Ratio Lower Upper

43 100

57 50.9 41.4 62.0





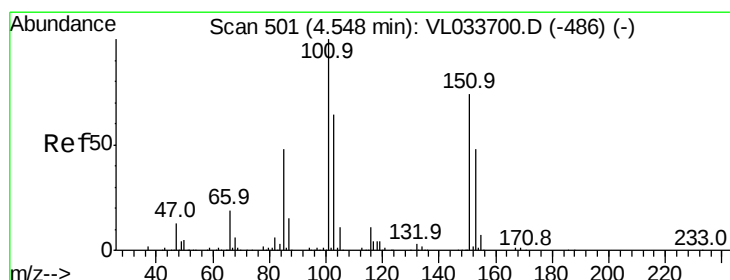
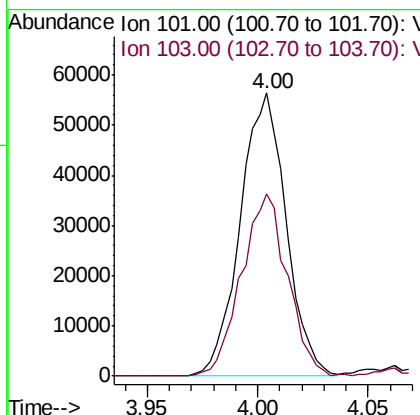
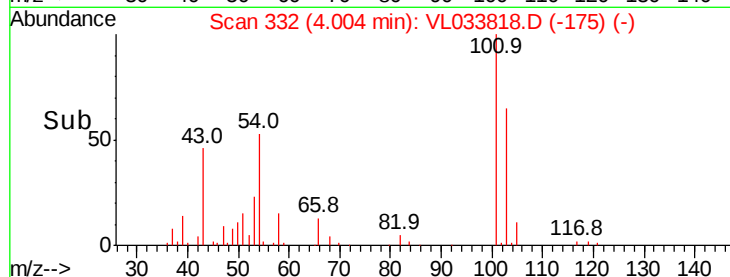
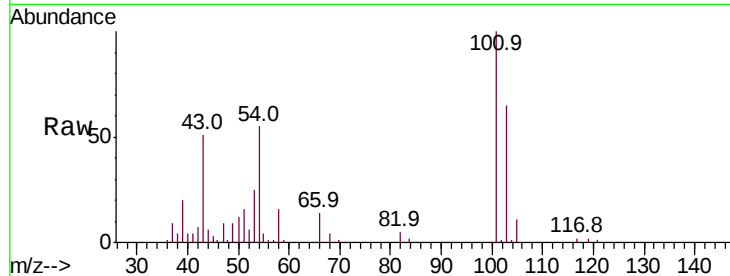
#11
 Trichlorofluoromethane
 Concen: 0.480 ppbv
 RT: 4.00 min Scan# 332
 Delta R.T. 0.00 min
 Lab File: VL033818.D
 Acq: 29 May 2019 1:13

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3011-55

Tot Ion:101 Resp: 81555
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.6 78.8

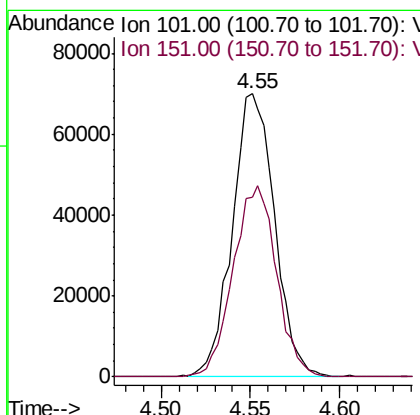
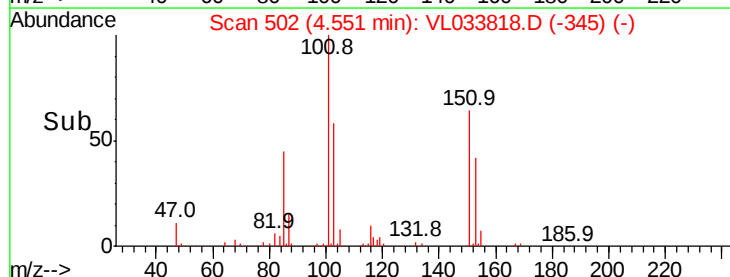
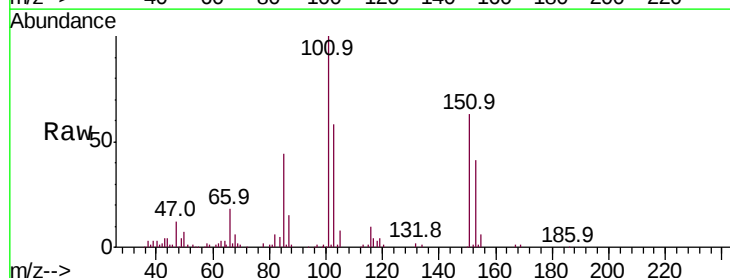
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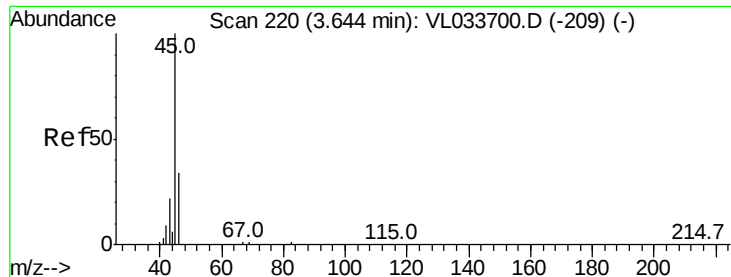
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.977 ppbv
 RT: 4.55 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VL033818.D
 Acq: 29 May 2019 1:13

Tgt Ion:101 Resp: 115922
 Ion Ratio Lower Upper
 101 100
 151 69.3 58.2 87.4





#13

Ethanol

Concen: 55.319 ppbv

RT: 3.67 min Scan# 227

Delta R.T. 0.02 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3011-55

Tot Ion: 45 Resp: 735993

Ion Ratio Lower Upper

45 100

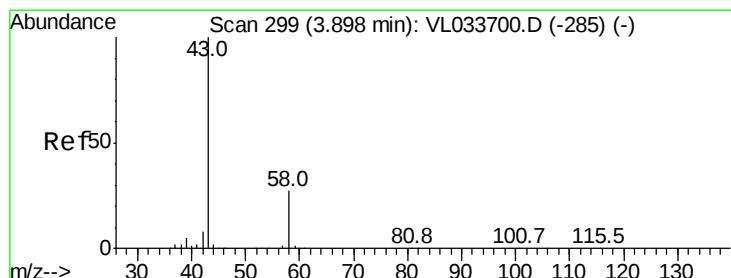
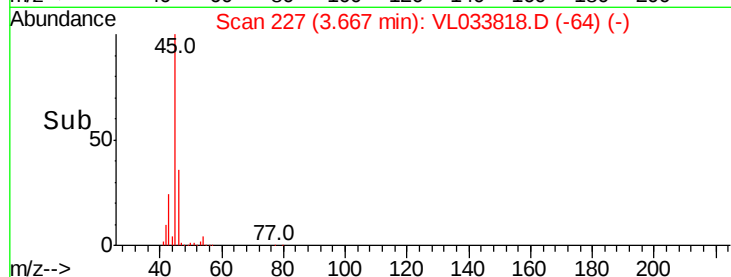
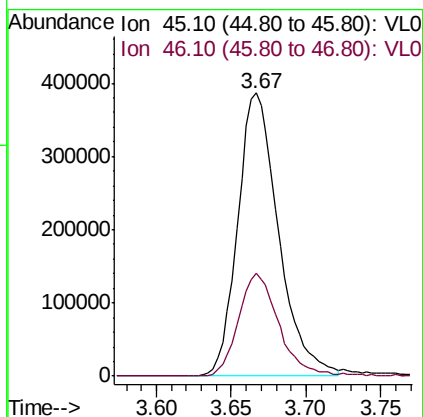
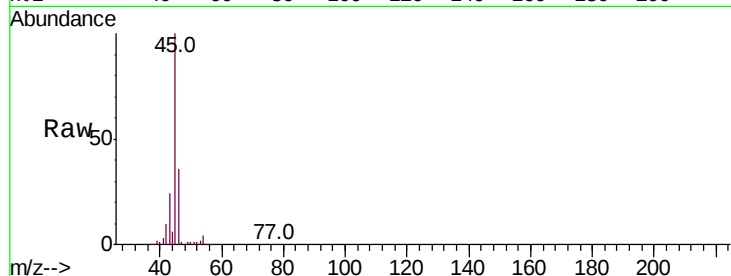
46 36.0 14.8 59.0

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#15

Acetone

Concen: 166.037 ppbv

RT: 3.90 min Scan# 300

Delta R.T. 0.00 min

Lab File: VL033818.D

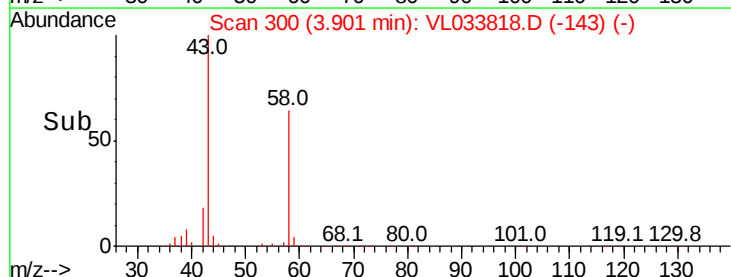
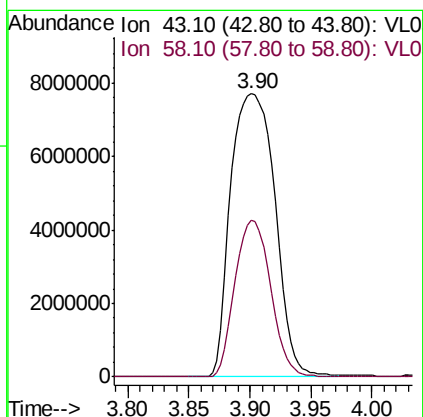
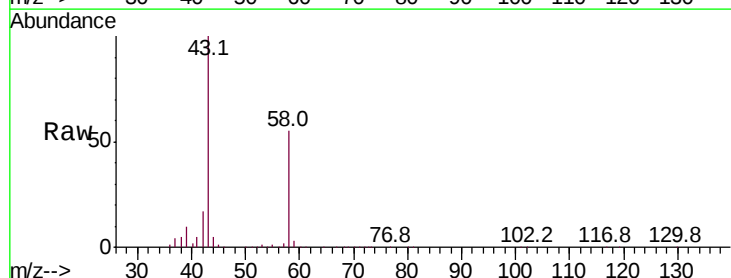
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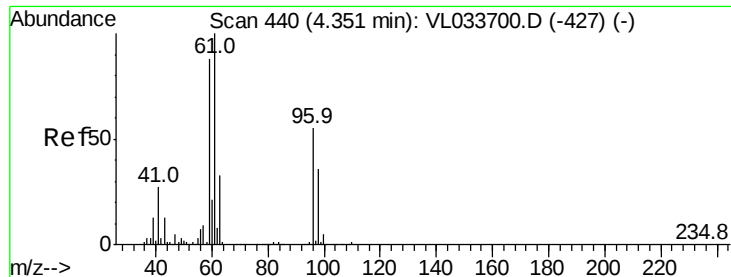
Tgt Ion: 43 Resp: 19463315

Ion Ratio Lower Upper

43 100

58 44.8 21.3 31.9#





#17

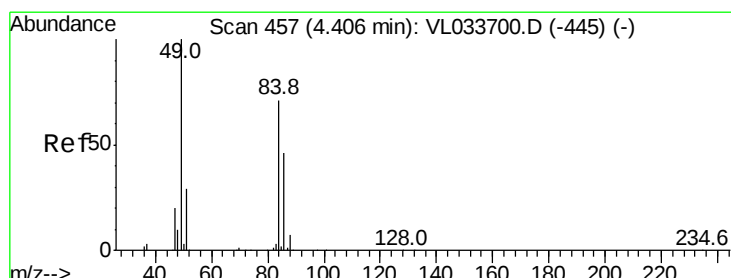
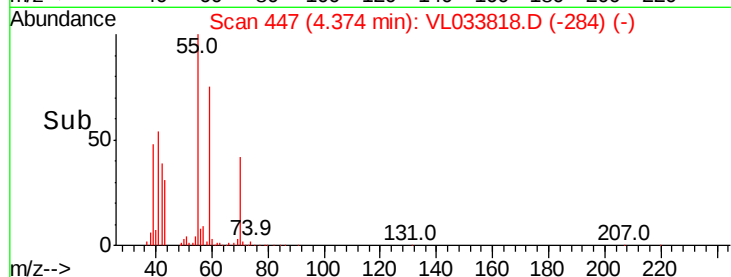
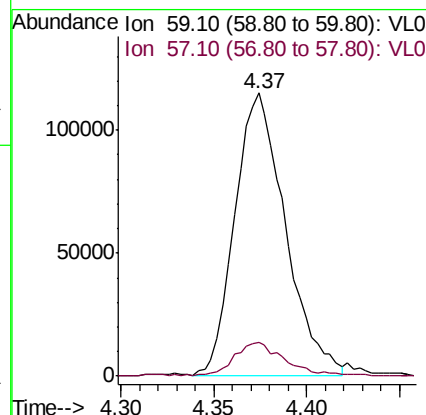
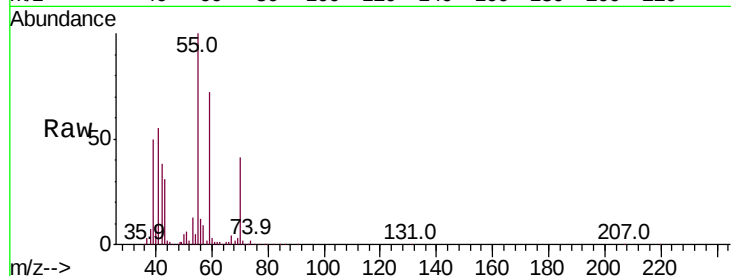
tert-Butyl alcohol
Concen: 2.294 ppbv
RT: 4.37 min Scan# 447
Delta R.T. 0.02 min
Lab File: VL033818.D
Acq: 29 May 2019 1:13

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-55

Tot Ion: 59 Resp: 217450
Ion Ratio Lower Upper
59 100
57 12.9 8.4 12.6#

Manual Integrations
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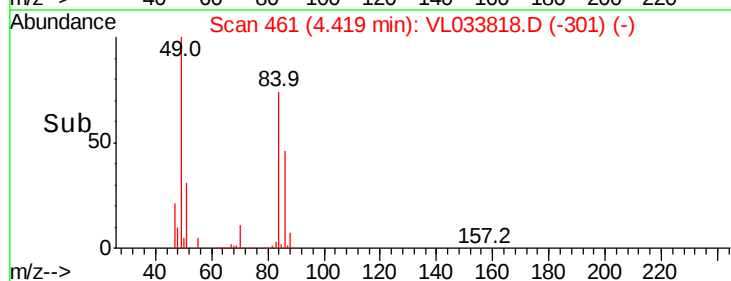
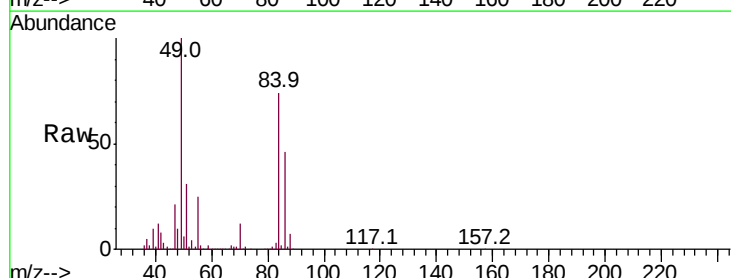
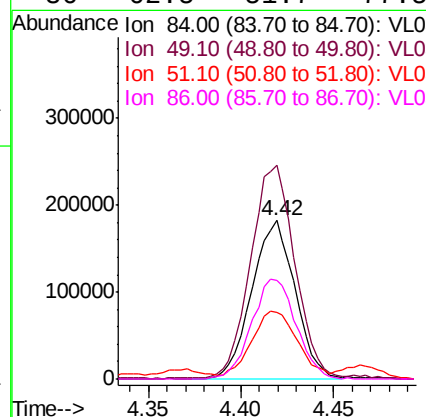
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5/29/2019 12:41:01 PM

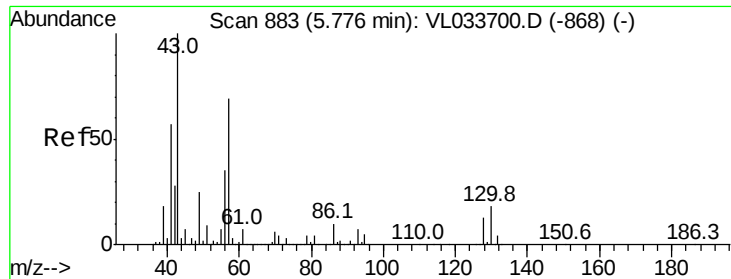


#20

Methylene Chloride
Concen: 6.560 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.01 min
Lab File: VL033818.D
Acq: 29 May 2019 1:13

Tgt Ion: 84 Resp: 296068
Ion Ratio Lower Upper
84 100
49 134.3 112.8 169.2
51 37.2 33.4 50.0
86 62.5 51.7 77.5





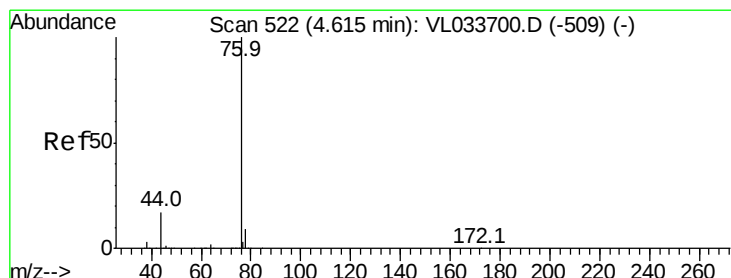
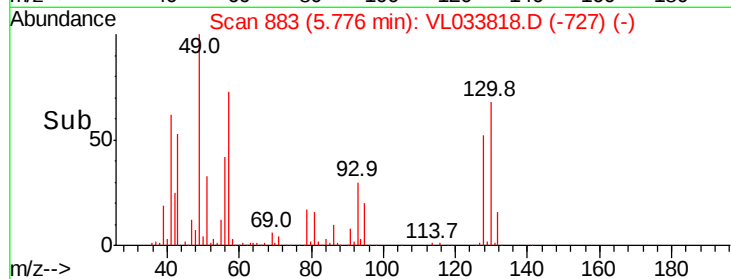
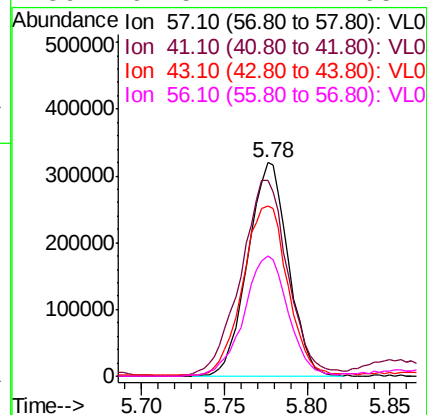
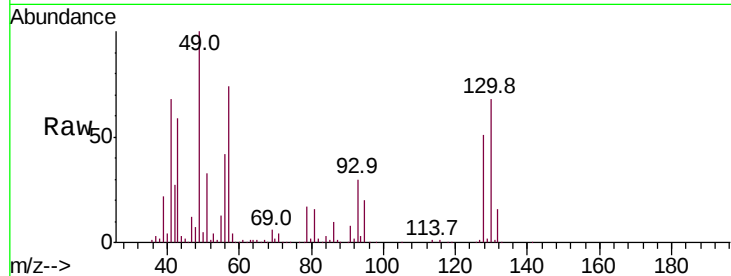
#26
Hexane
Concen: 6.129 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.00 min
Lab File: VL033818.D
Acq: 29 May 2019 1:13

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-55

Tot Ion	Ratio	Lower	Upper
57	100		
41	107.5	69.8	104.6#
43	88.2	181.8	272.6#
56	61.5	42.1	63.1

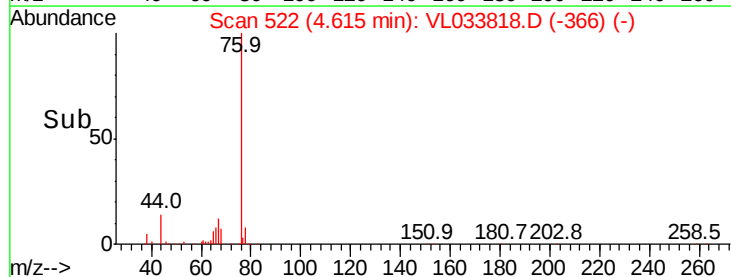
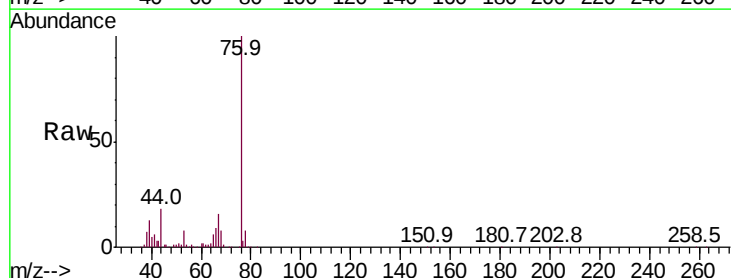
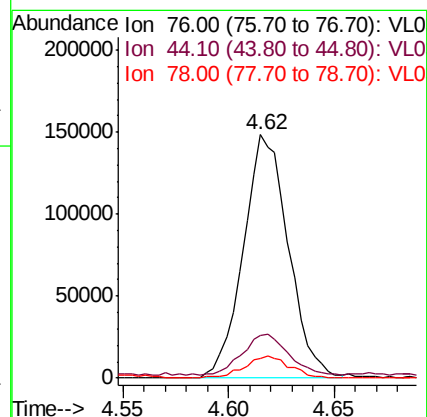
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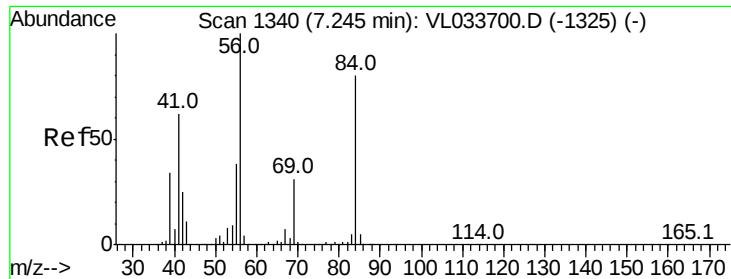
apatel
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#27
Carbon Disulfide
Concen: 1.806 ppbv
RT: 4.62 min Scan# 522
Delta R.T. 0.00 min
Lab File: VL033818.D
Acq: 29 May 2019 1:13

Tgt Ion	Ratio	Lower	Upper
76	100		
44	18.8	13.8	20.8
78	9.7	7.4	11.0





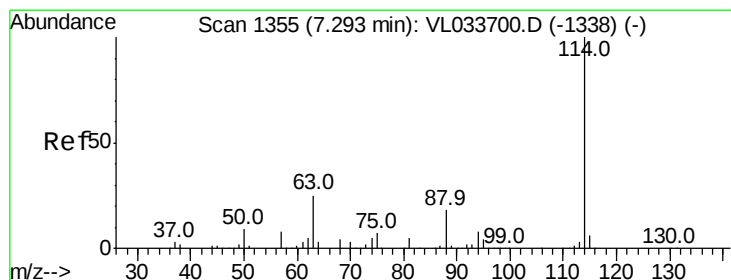
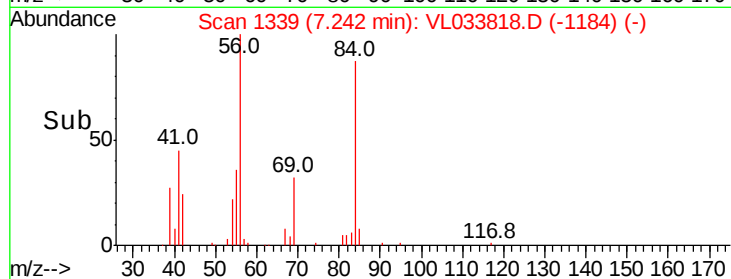
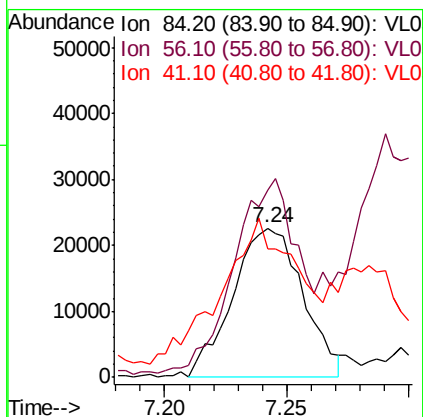
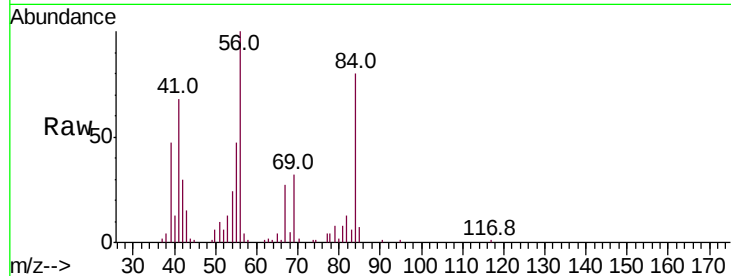
#30
Cvclohexane
Concen: 0.607 ppbv
RT: 7.24 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VL033818.D
Acq: 29 May 2019 1:13

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-55

Tot Ion	Ratio	Lower	Upper
84	100		
56	134.9	107.7	161.5
41	113.7	66.0	99.0#

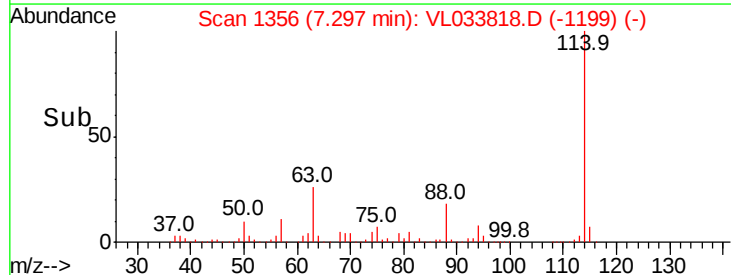
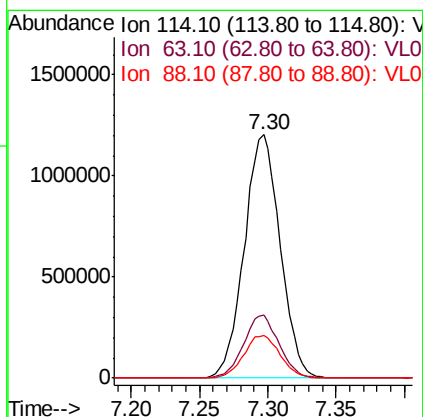
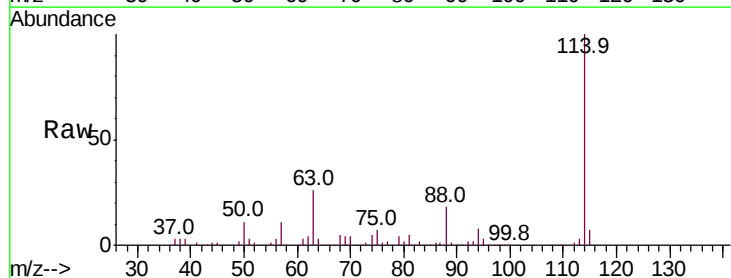
Manual Integrations
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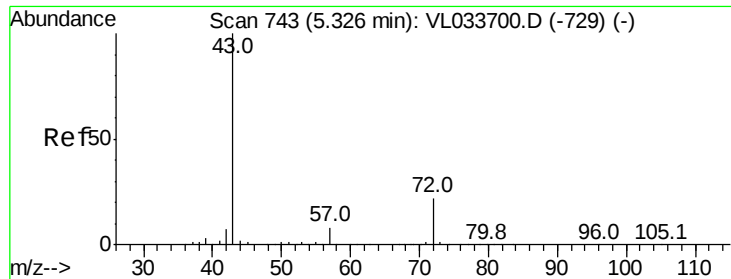
apatel
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. 0.00 min
Lab File: VL033818.D
Acq: 29 May 2019 1:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.8	20.9	31.3
88	17.8	14.3	21.5





#34

2-Butanone

Concen: 14.047 ppbv

RT: 5.33 min Scan# 744

Delta R.T. 0.00 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3011-55

Tot Ion: 43 Resp: 1914923

Ion Ratio Lower Upper

43 100

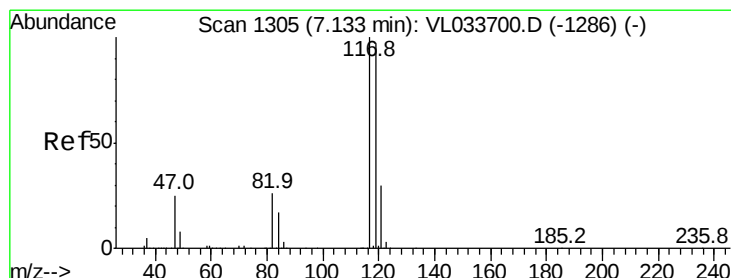
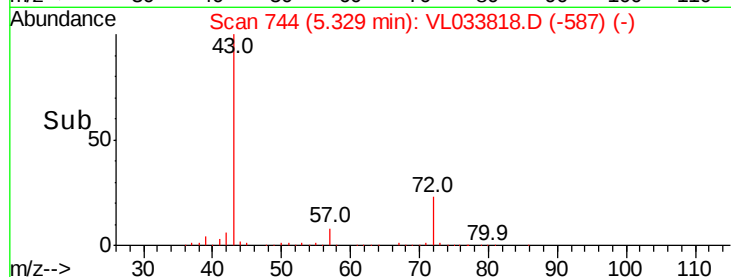
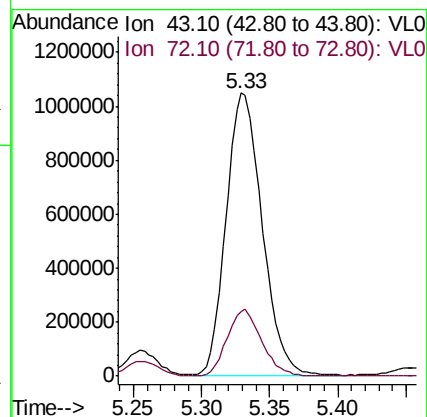
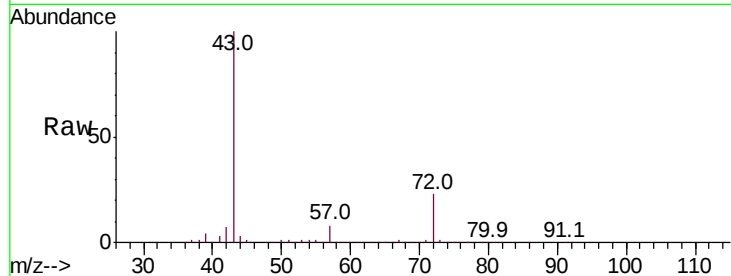
72 22.7 17.8 26.6

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#35

Carbon Tetrachloride

Concen: 0.045 ppbv m

RT: 7.13 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

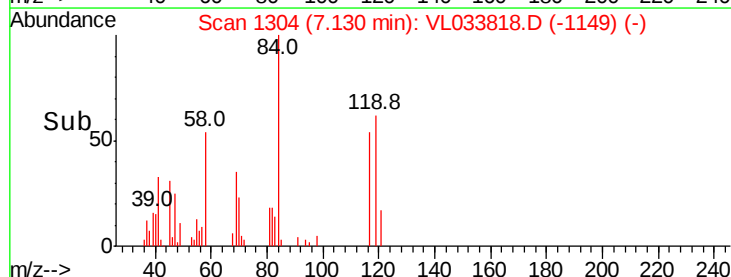
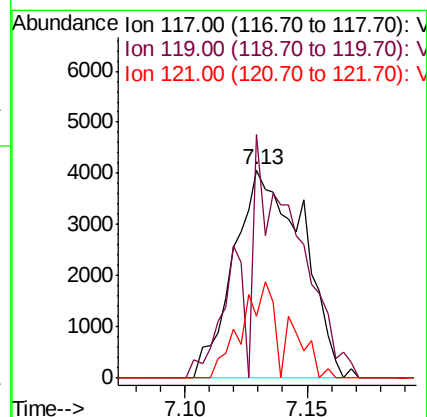
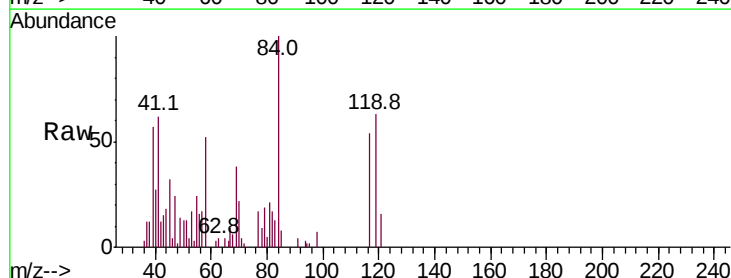
Tgt Ion: 117 Resp: 7984

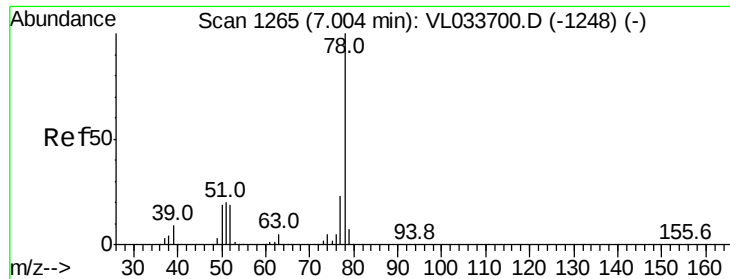
Ion Ratio Lower Upper

117 100

119 116.9 77.2 115.8#

121 29.6 24.1 36.1





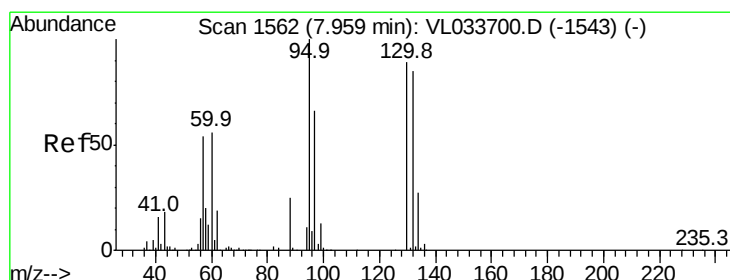
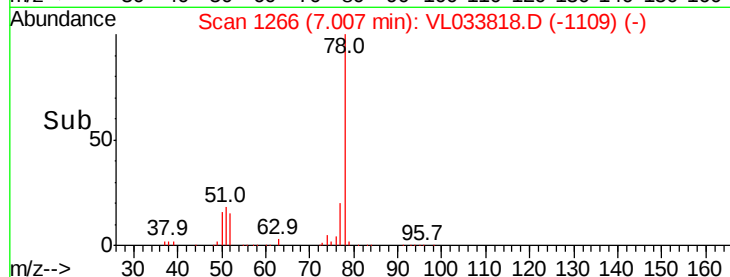
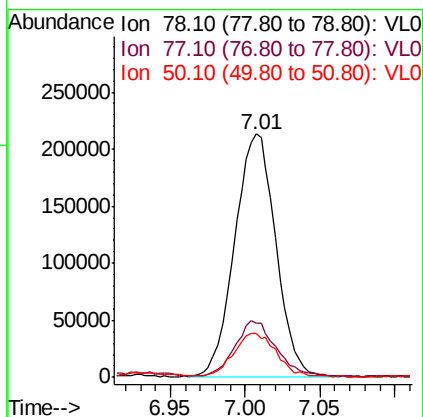
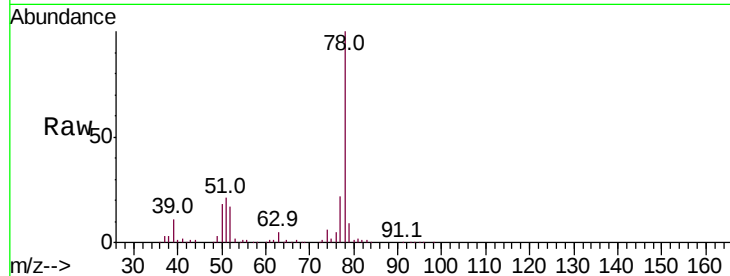
#36
Benzene
Concen: 2.030 ppbv
RT: 7.01 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VL033818.D
Acq: 29 May 2019 1:13

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-55

Tot Ion	Ratio	Lower	Upper
78	100		
77	21.4	18.4	27.6
50	17.4	15.5	23.3

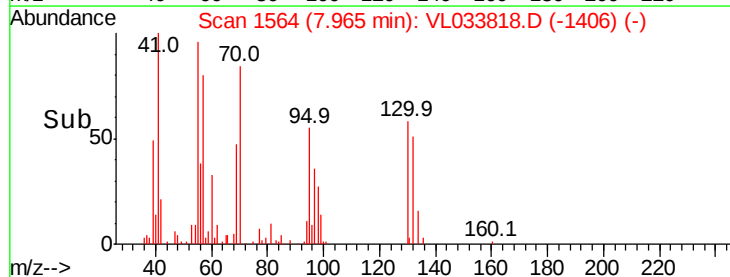
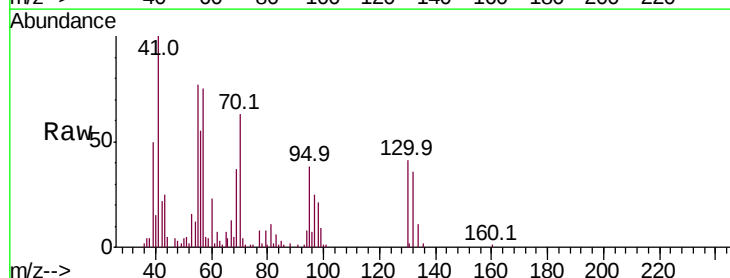
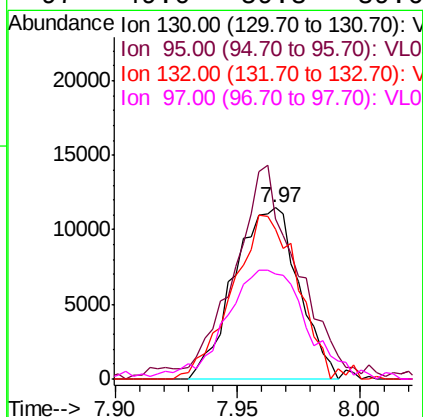
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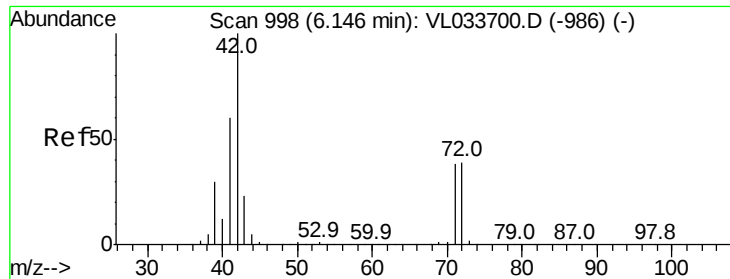
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#38
Trichloroethene
Concen: 0.285 ppbv
RT: 7.97 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VL033818.D
Acq: 29 May 2019 1:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	81.6	90.2	135.4#
132	79.1	76.4	114.6
97	49.0	59.8	89.6#





#41

Tetrahydrofuran

Concen: 0.275 ppbv m

RT: 6.15 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

Instrument :

MSVOA_L

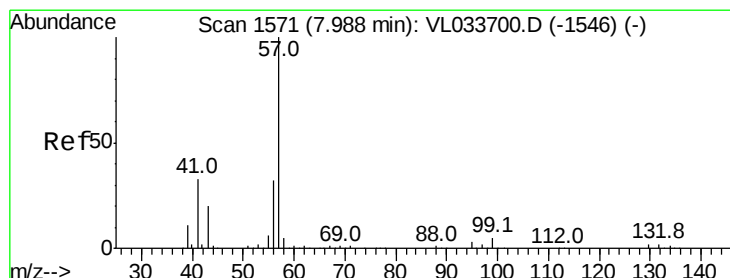
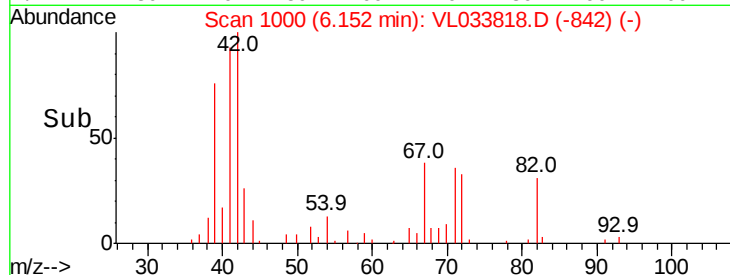
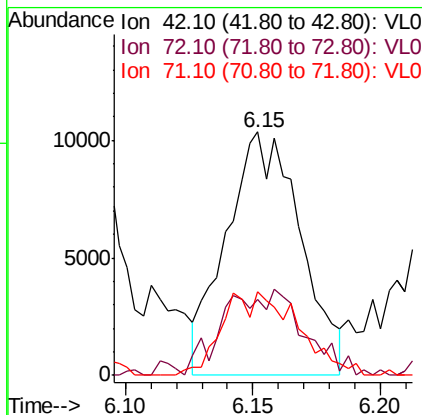
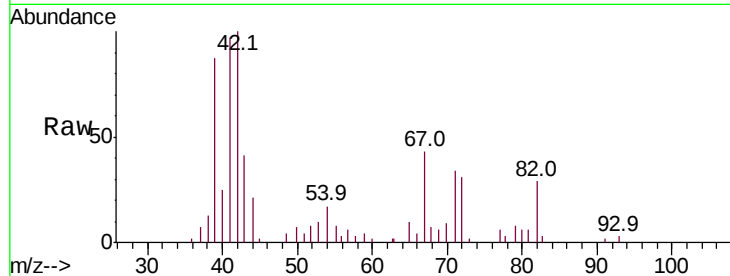
ClientSampled :

BPS1-SG-3011-55

Tot Ion:	42	Resp:	21017
Ion Ratio	Lower	Upper	
42	100		
72	0.0	32.0	48.0#
71	0.0	30.4	45.6#

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#44

2,2,4-Trimethylpentane

Concen: 0.360 ppbv

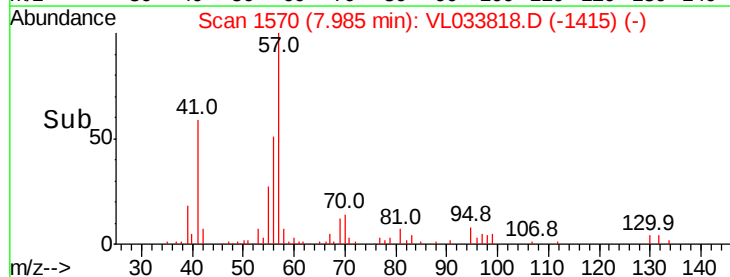
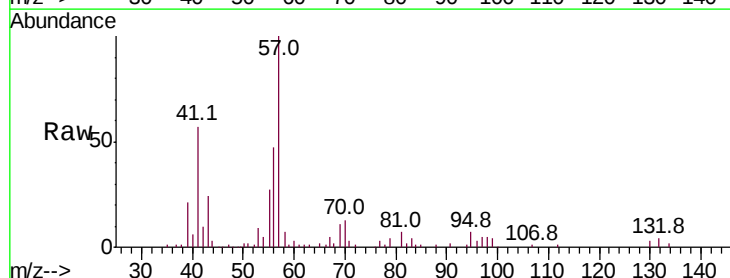
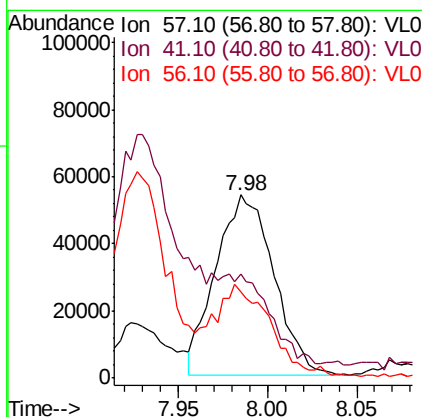
RT: 7.98 min Scan# 1570

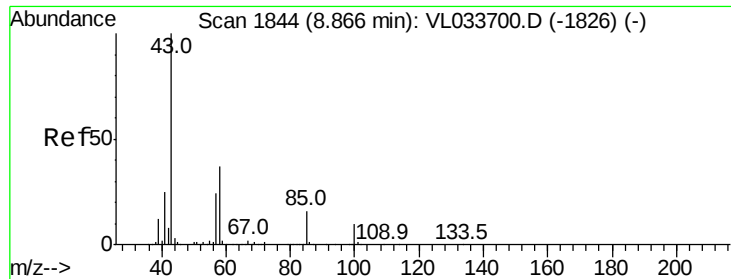
Delta R.T. -0.00 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

Tgt Ion:	57	Resp:	121721
Ion Ratio	Lower	Upper	
57	100		
41	0.0	25.4	38.0#
56	46.7	24.7	37.1#





#50

4-Methyl-2-Pentanone

Concen: 0.541 ppbv

RT: 8.88 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

Instrument :
MSVOA_L

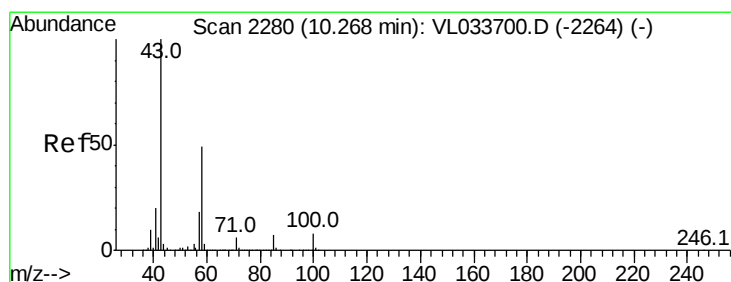
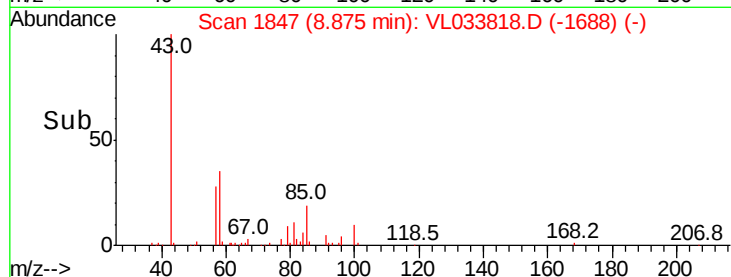
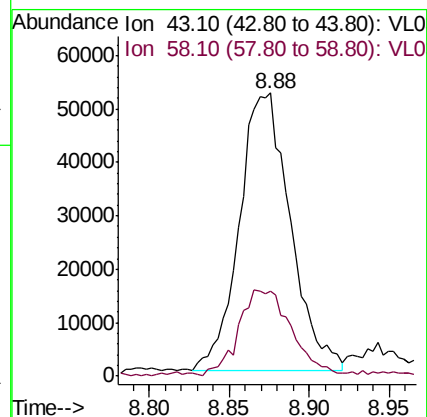
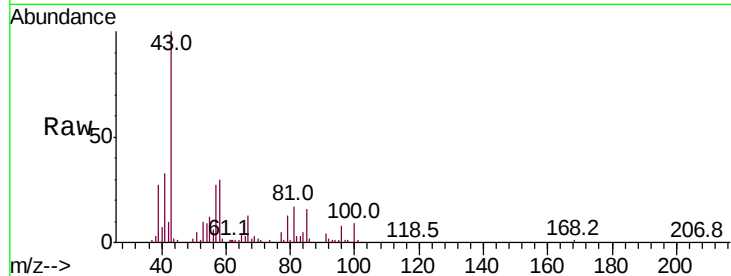
ClientSampleId :
BPS1-SG-3011-55

Tot Ion: 43 Resp: 113369

Ion	Ratio	Lower	Upper
43	100		
58	33.4	28.6	43.0

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#51

2-Hexanone

Concen: 1.336 ppbv

RT: 10.26 min Scan# 2279

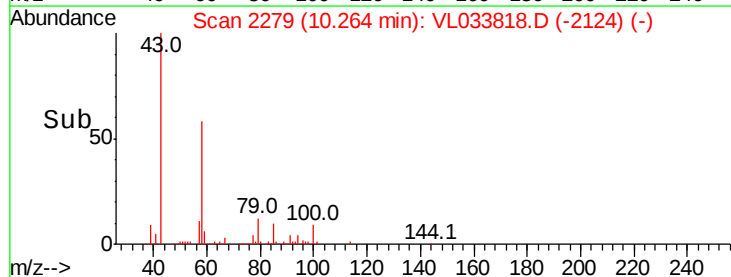
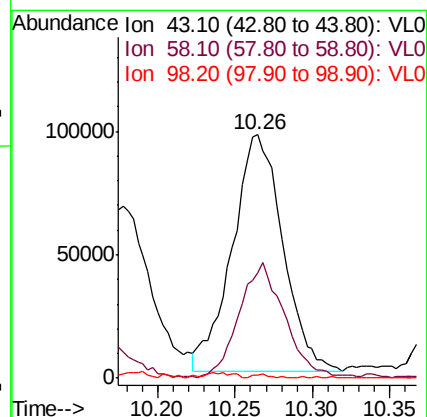
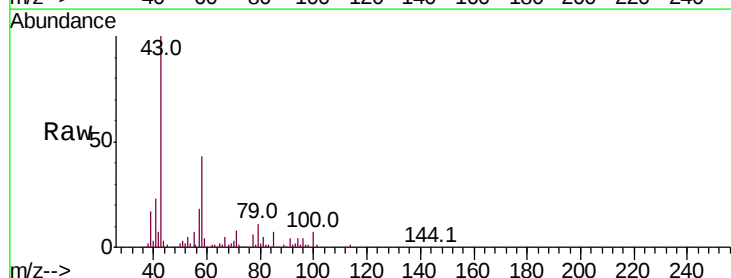
Delta R.T. -0.00 min

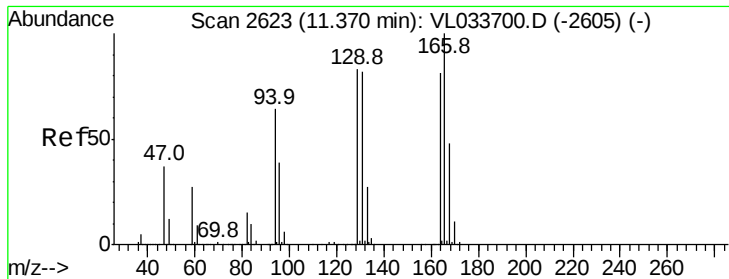
Lab File: VL033818.D

Acq: 29 May 2019 1:13

Tgt Ion: 43 Resp: 218644

Ion	Ratio	Lower	Upper
43	100		
58	44.7	38.7	58.1
98	0.6	0.2	0.4#





#52

Tetrachloroethene

Concen: 0.175 ppbv m

RT: 11.36 min Scan# 2621

Delta R.T. -0.01 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

Instrument :

MSVOA_L

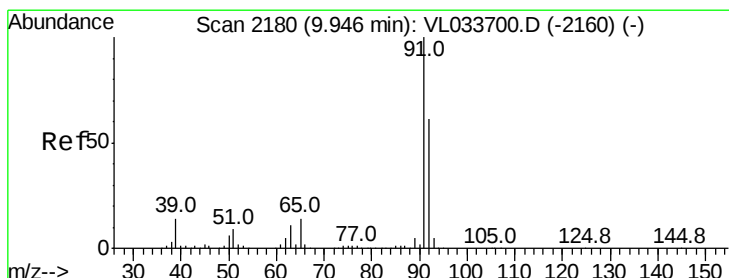
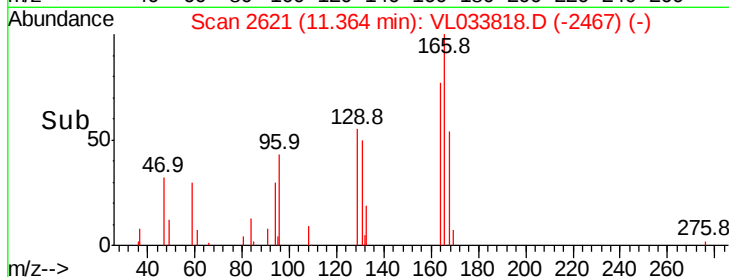
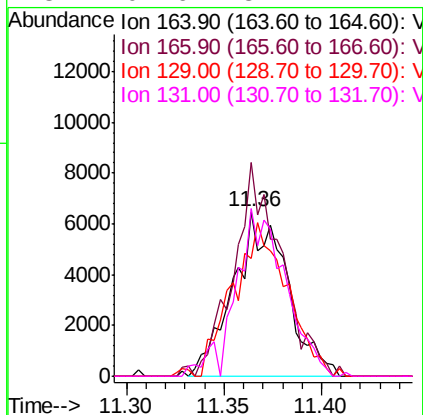
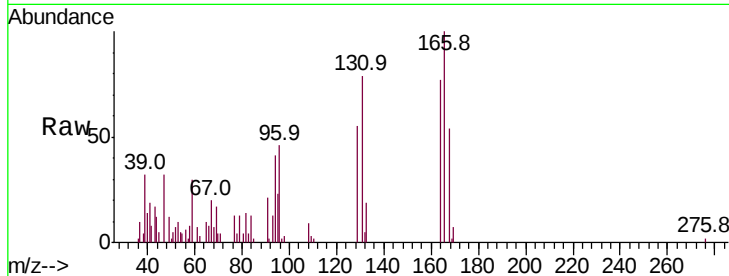
ClientSampleId :

BPS1-SG-3011-55

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.3	98.9	148.3
129	71.4	81.8	122.6#
131	102.6	81.1	121.7

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#53

Toluene

Concen: 21.830 ppbv

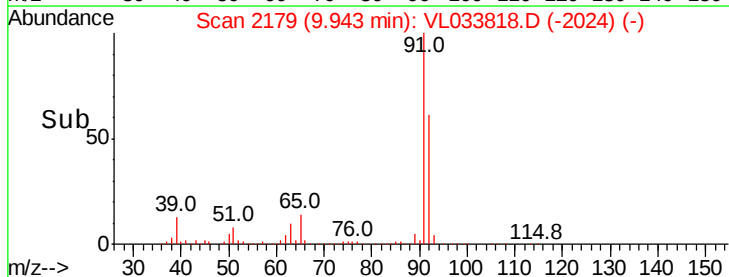
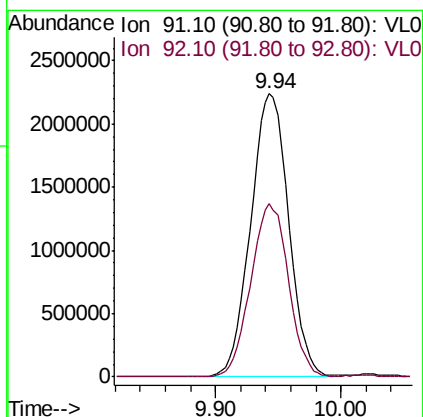
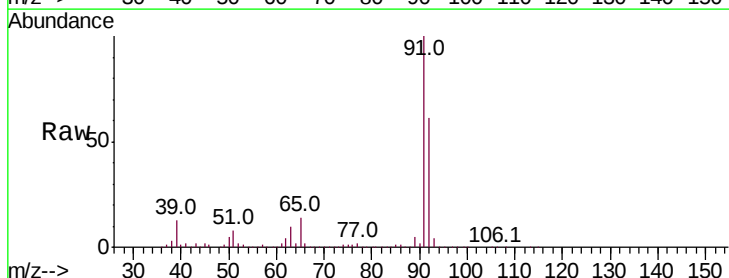
RT: 9.94 min Scan# 2179

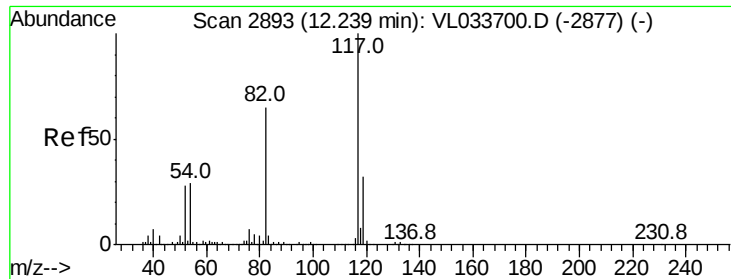
Delta R.T. -0.00 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.8	47.6	71.4





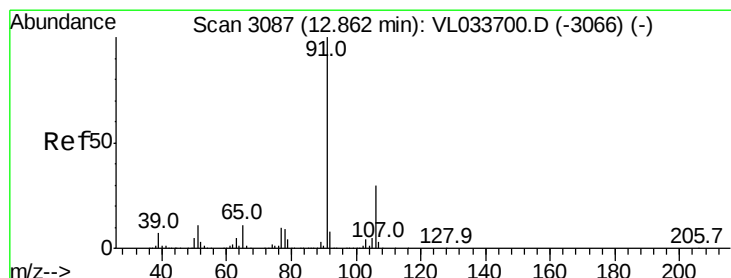
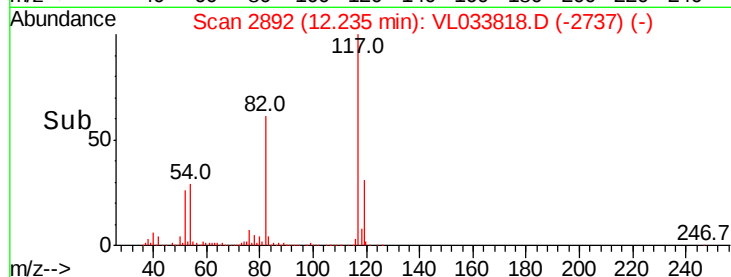
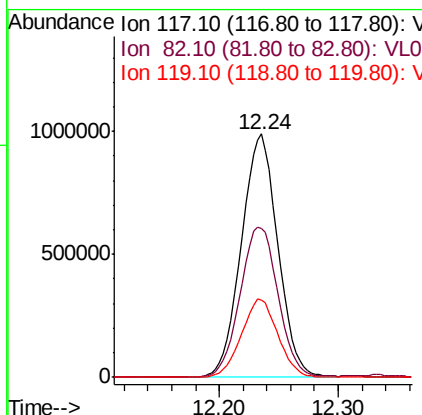
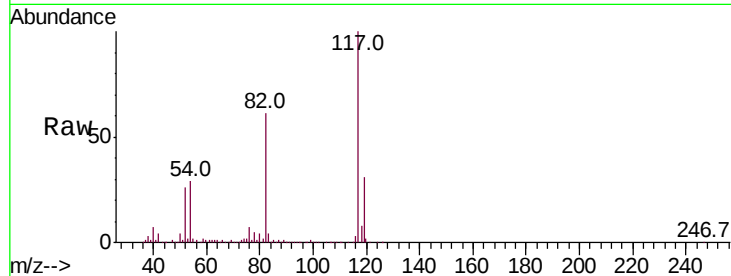
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.00 min
Lab File: VL033818.D
Acq: 29 May 2019 1:13

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-55

Tot Ion	Ratio	Lower	Upper
117	100		
82	64.5	49.4	74.0
119	32.4	24.9	37.3

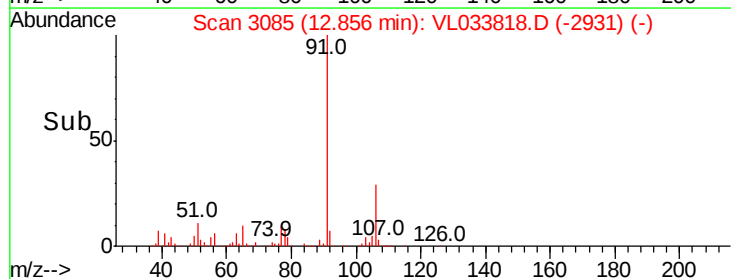
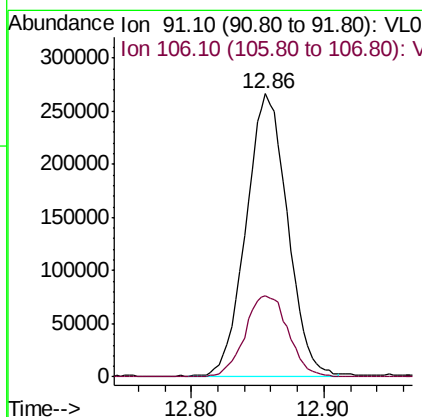
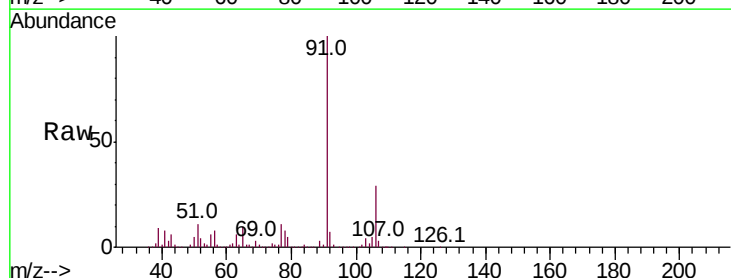
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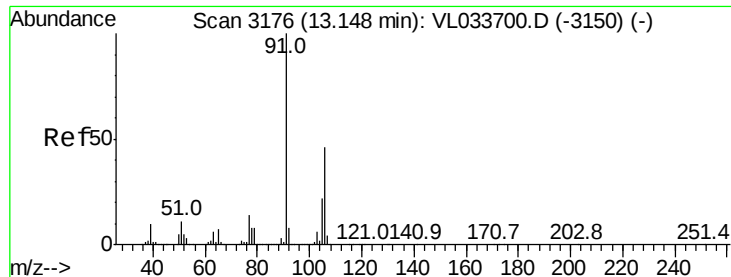
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#58
Ethyl Benzene
Concen: 2.067 ppbv
RT: 12.86 min Scan# 3085
Delta R.T. -0.01 min
Lab File: VL033818.D
Acq: 29 May 2019 1:13

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.8	23.9	35.9





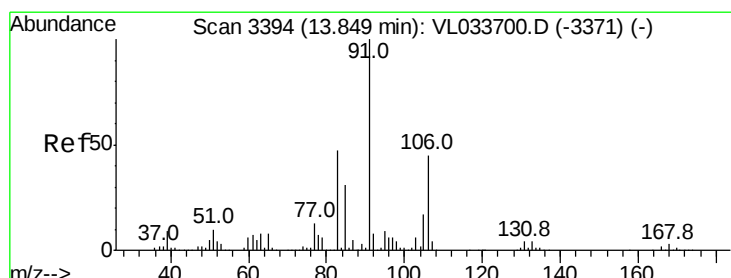
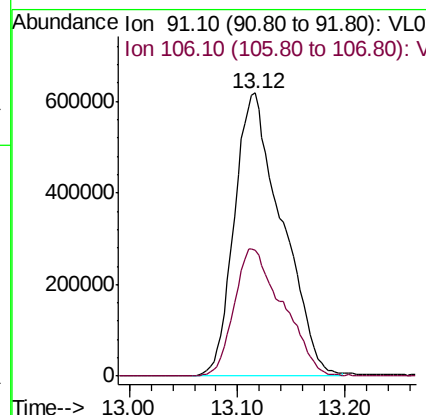
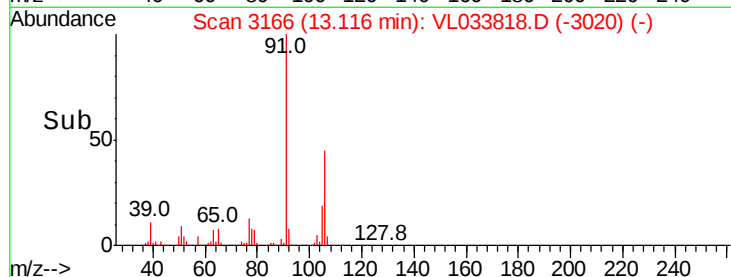
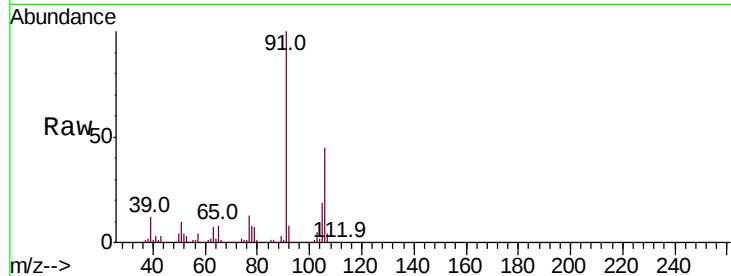
#59
m/p-Xylene
Concen: 7.756 ppbv
RT: 13.12 min Scan# 3166
Delta R.T. -0.03 min
Lab File: VL033818.D
Acq: 29 May 2019 1:13

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-55

Tot Ion: 91 Resp: 1889029
Ion Ratio Lower Upper
91 100
106 46.4 35.8 53.6

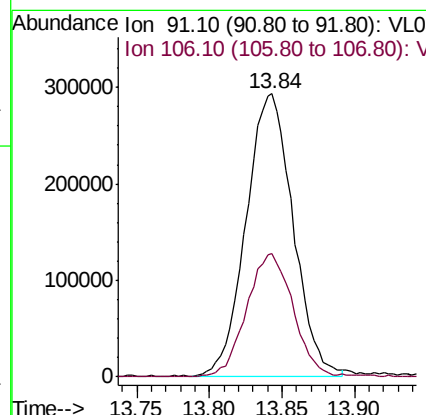
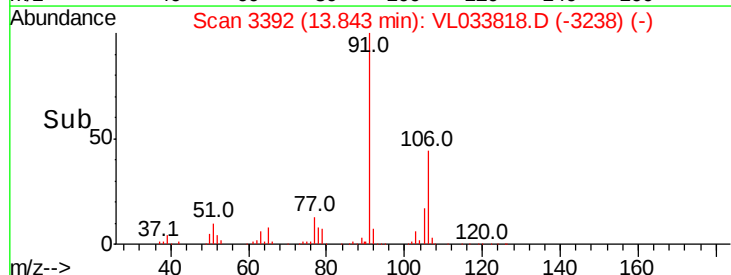
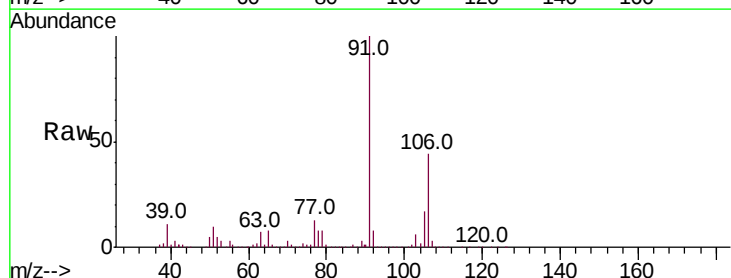
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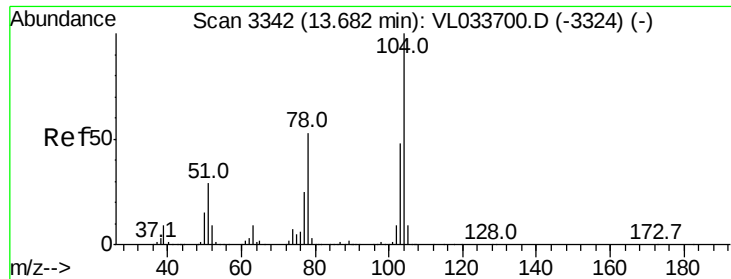
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#60
o-Xylene
Concen: 2.675 ppbv
RT: 13.84 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL033818.D
Acq: 29 May 2019 1:13

Tgt Ion: 91 Resp: 656802
Ion Ratio Lower Upper
91 100
106 44.1 21.6 64.8





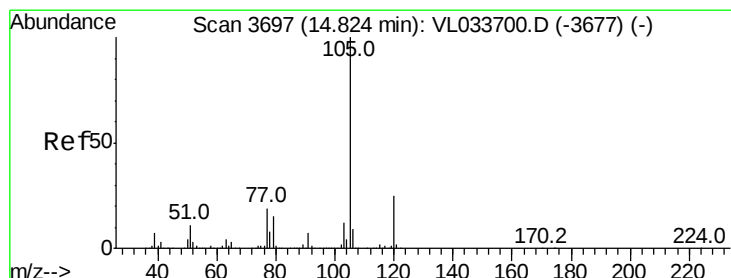
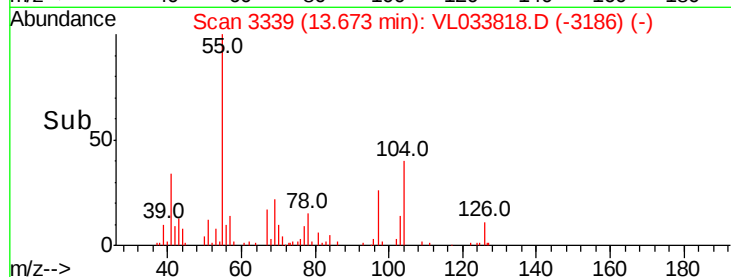
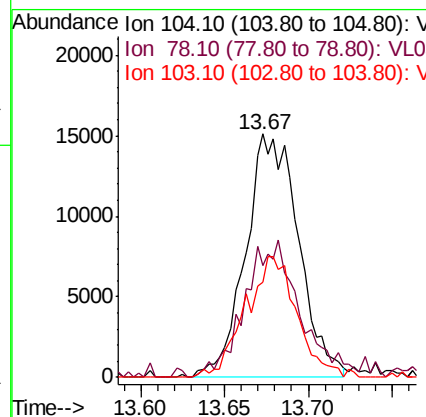
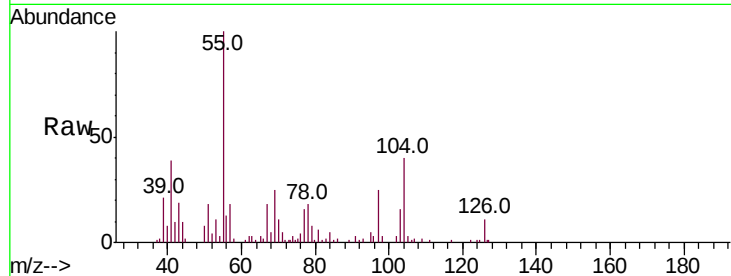
#61
Stvrene
Concen: 0.201 ppbv m
RT: 13.67 min Scan# 3339
Delta R.T. -0.01 min
Lab File: VL033818.D
Acq: 29 May 2019 1:13

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3011-55

Tot Ion	Ratio	Lower	Upper
104	100		
78	61.0	42.6	64.0
103	48.5	37.8	56.6

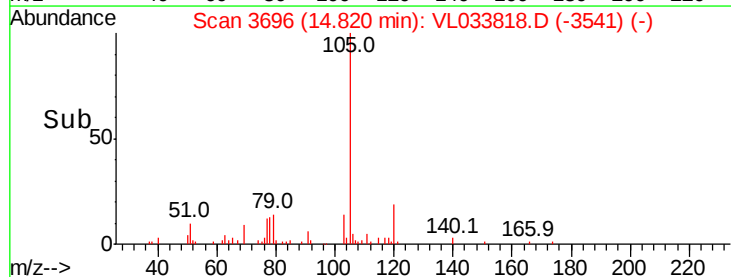
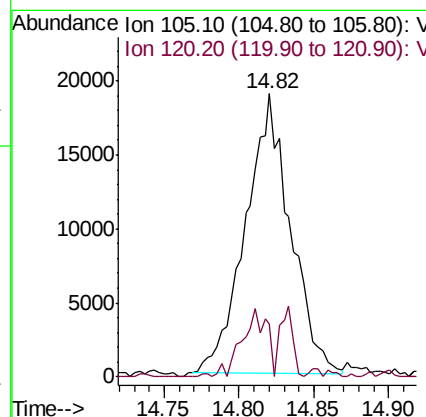
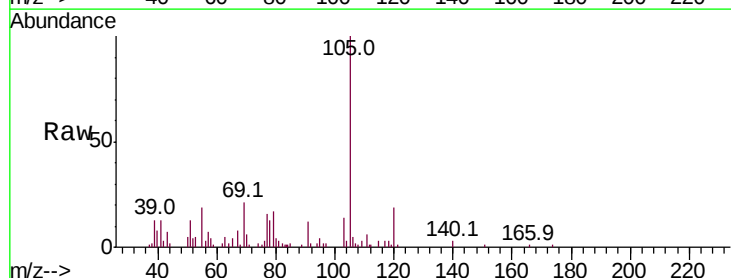
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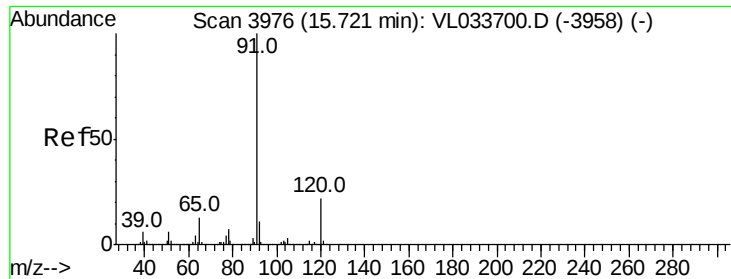
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#62
Isopropylbenzene
Concen: 0.119 ppbv
RT: 14.82 min Scan# 3696
Delta R.T. -0.00 min
Lab File: VL033818.D
Acq: 29 May 2019 1:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	22.0	20.1	30.1





#64

n-propylbenzene

Concen: 0.467 ppbv

RT: 15.72 min Scan# 3975

Delta R.T. -0.00 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3011-55

Tot Ion:120 Resp: 39924

Ion Ratio Lower Upper

120 100

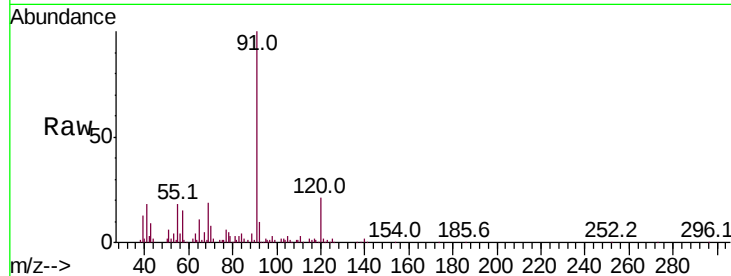
91 514.2 379.1 568.7

Manual Integrations

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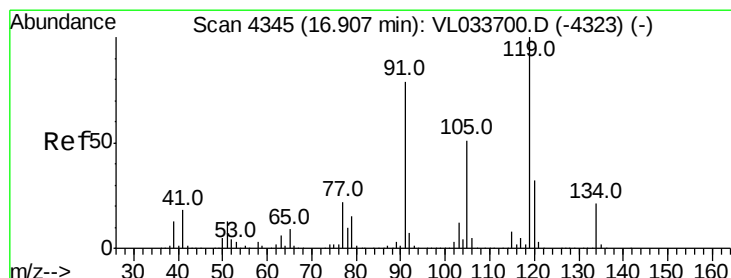
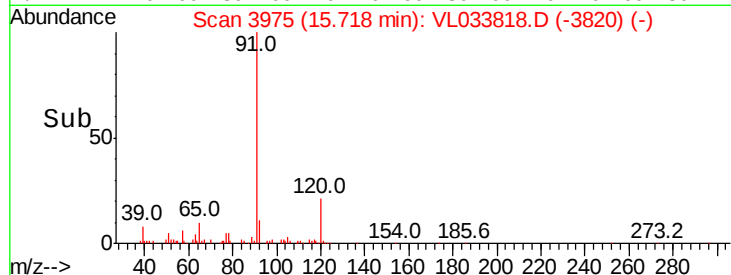
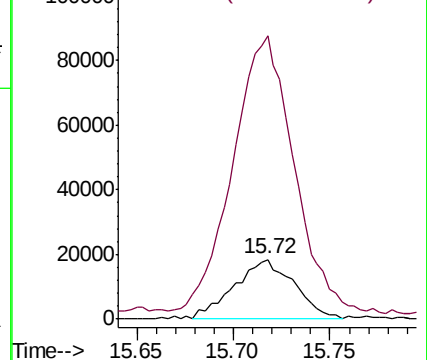
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Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.288 ppbv m

RT: 16.92 min Scan# 4350

Delta R.T. 0.02 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

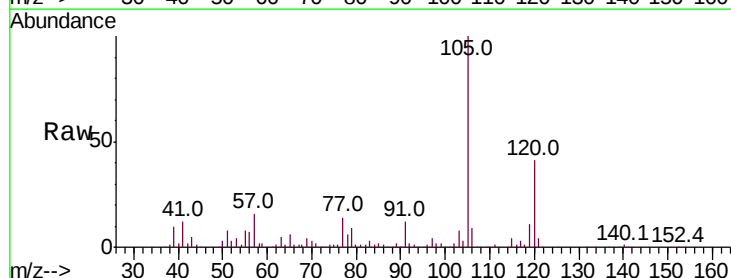
Tgt Ion:119 Resp: 87067

Ion Ratio Lower Upper

119 100

91 0.0 65.3 97.9#

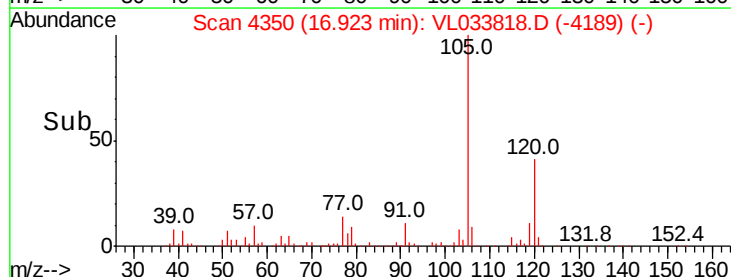
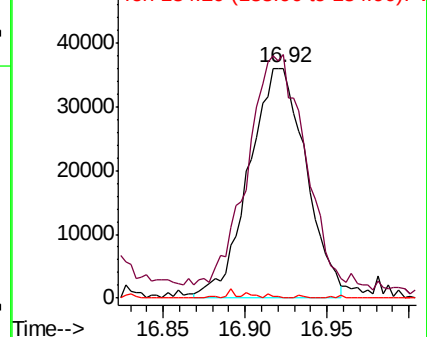
134 1.6 15.7 23.5#

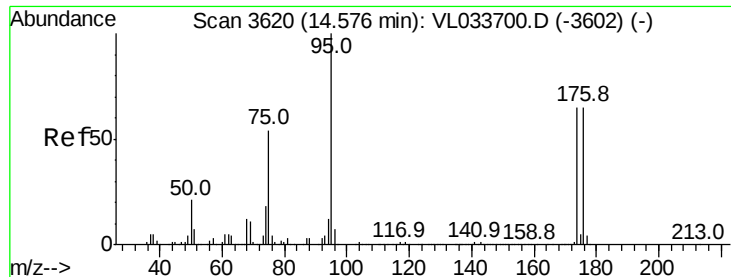


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.789 ppbv

RT: 14.57 min Scan# 3618

Delta R.T. -0.01 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3011-55

Tot Ion: 95 Resp: 1669609

Ion Ratio Lower Upper

95 100

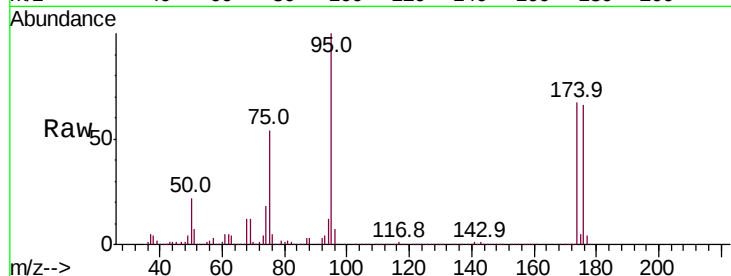
174 68.6 53.9 80.9

175 4.9 3.8 5.8

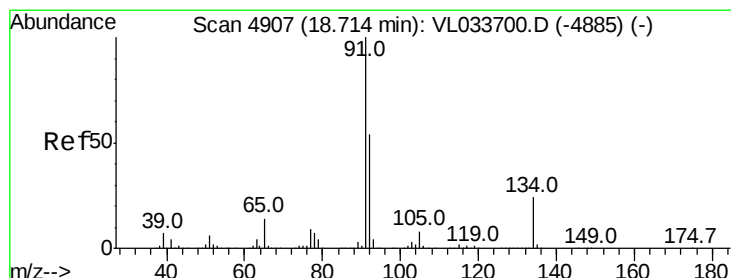
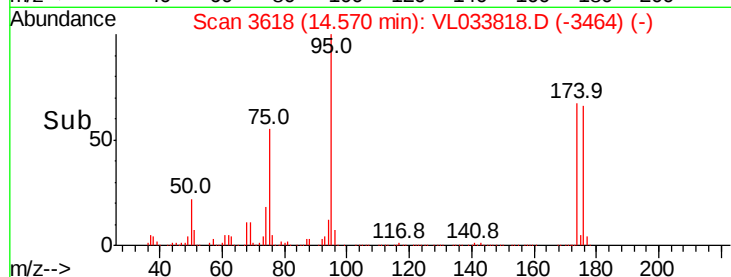
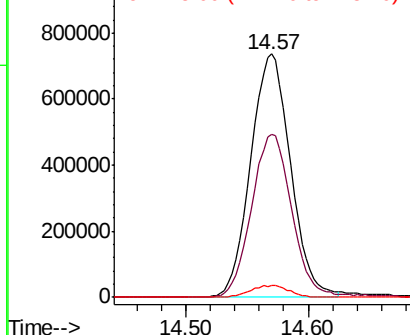
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Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V



#70

n-Butylbenzene

Concen: 0.214 ppbv m

RT: 18.73 min Scan# 4911

Delta R.T. 0.01 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

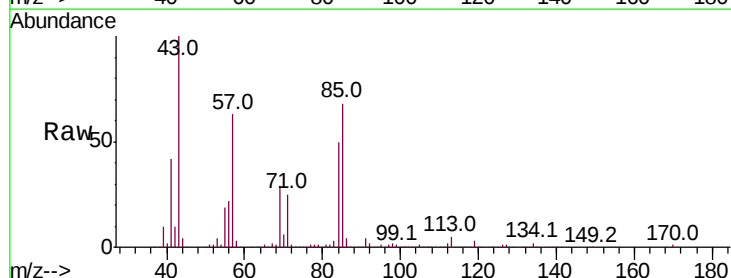
Tgt Ion: 91 Resp: 80285

Ion Ratio Lower Upper

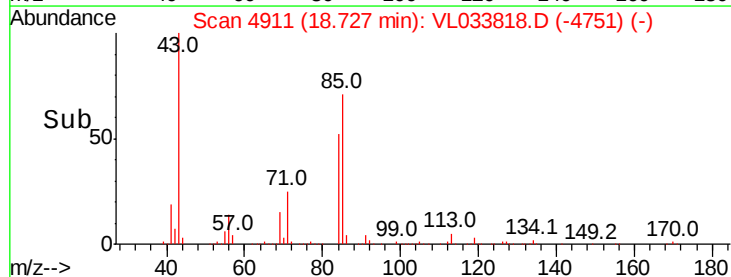
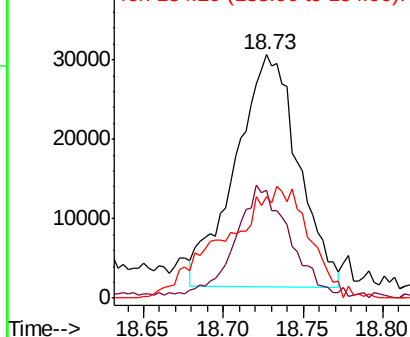
91 100

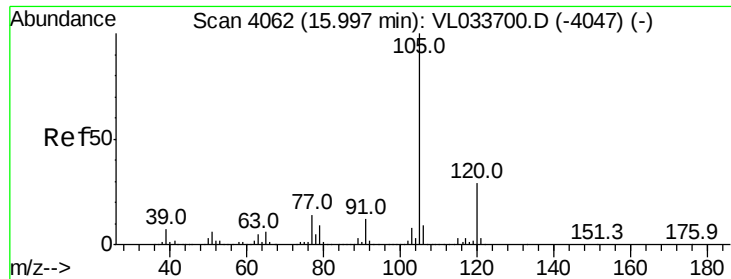
92 0.0 42.6 63.8#

134 0.0 18.1 27.1#



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0
Ion 134.20 (133.90 to 134.90): V





#72

4-Ethyltoluene

Concen: 0.889 ppbv

RT: 15.99 min Scan# 4060

Delta R.T. -0.01 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

Instrument :

MSVOA_L

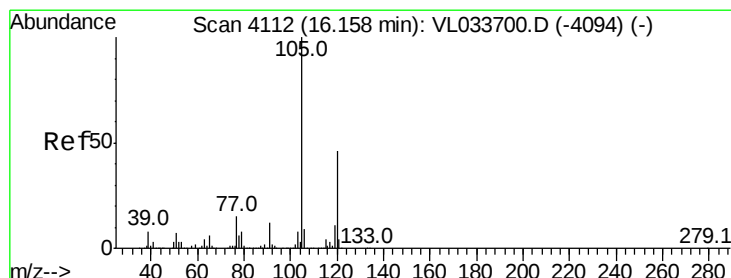
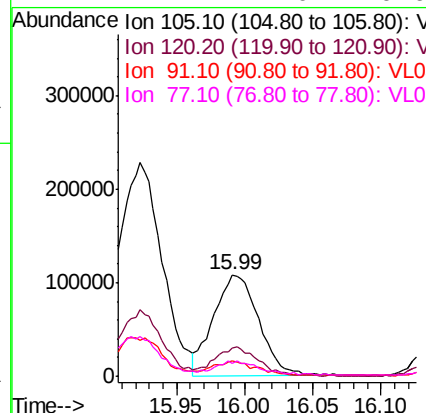
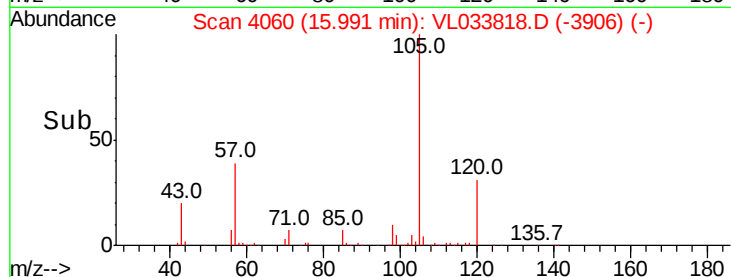
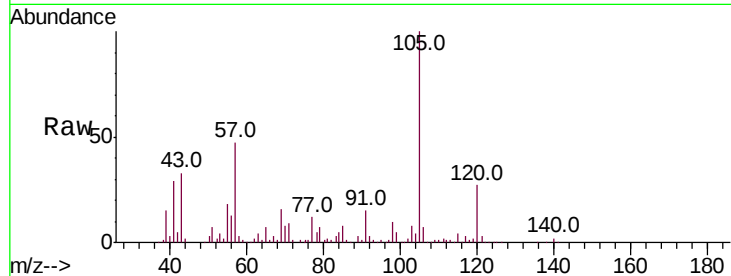
ClientSampleId :

BPS1-SG-3011-55

Tot Ion:	105	Resp:	249424
Ion Ratio	Lower	Upper	
105	100		
120	28.1	23.1	34.7
91	14.1	10.4	15.6
77	14.1	11.0	16.6

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#73

1,3,5-Trimethylbenzene

Concen: 0.708 ppbv

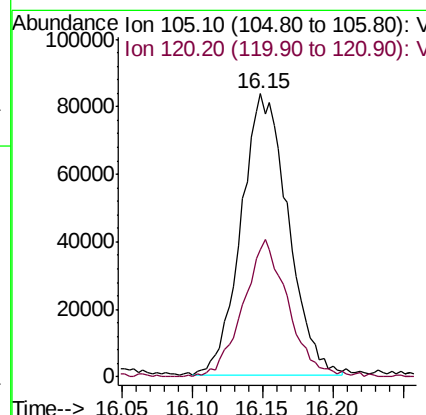
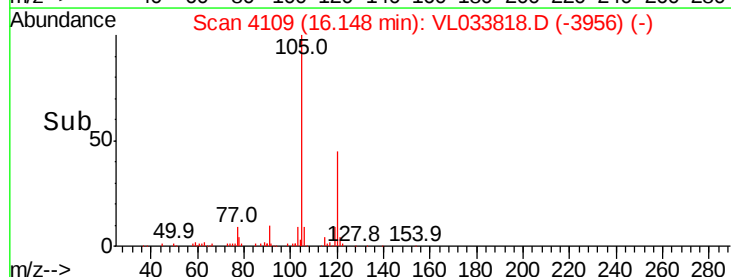
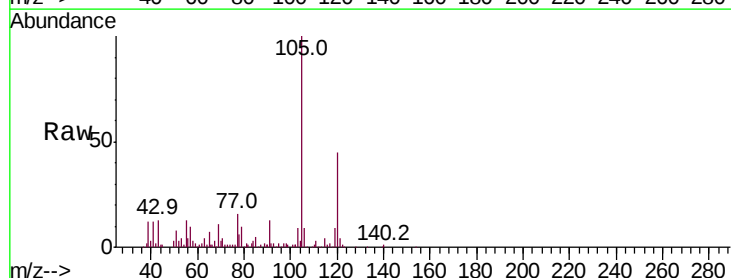
RT: 16.15 min Scan# 4109

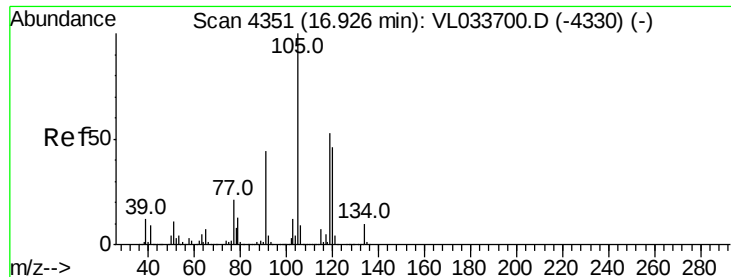
Delta R.T. -0.01 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

Tgt Ion:	105	Resp:	194030
Ion Ratio	Lower	Upper	
105	100		
120	45.3	37.0	55.4





#74

1,2,4-Trimethylbenzene

Concen: 2.595 ppbv

RT: 16.92 min Scan# 4349

Delta R.T. -0.01 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

Instrument :

MSVOA_L

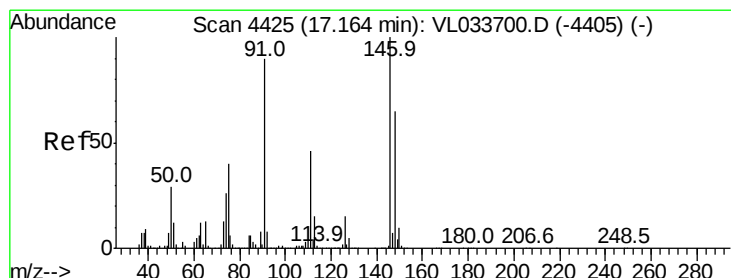
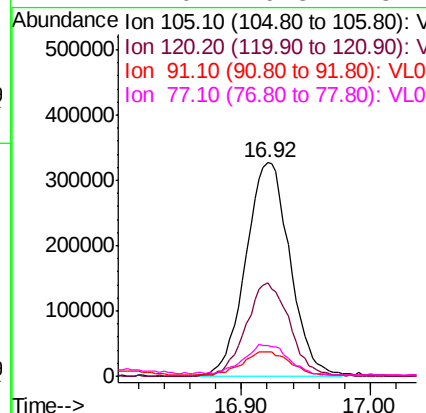
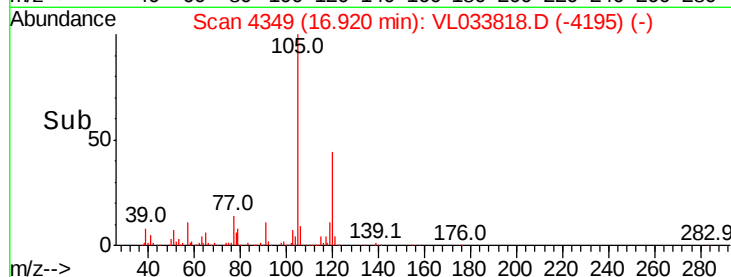
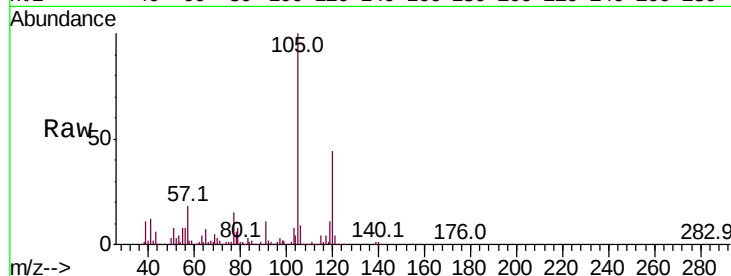
ClientSampleId :

BPS1-SG-3011-55

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.0	36.8	55.2
91	11.0	35.4	53.0#
77	14.0	16.8	25.2#

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#75

1,3-Dichlorobenzene

Concen: 0.291 ppbv

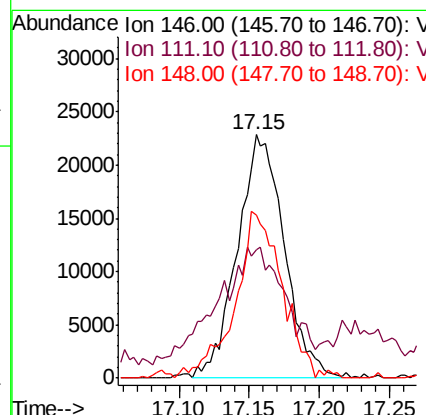
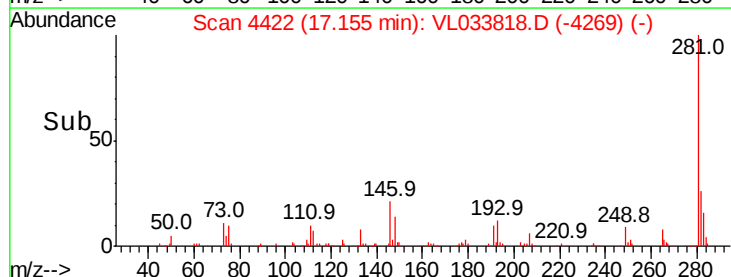
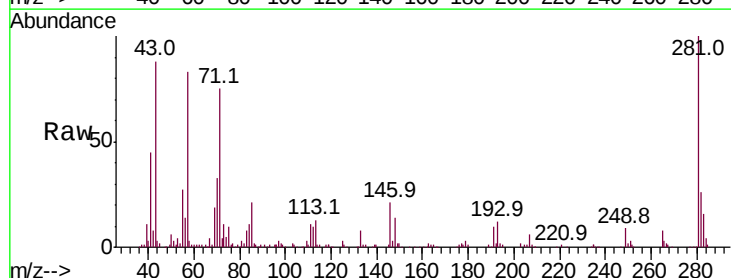
RT: 17.15 min Scan# 4422

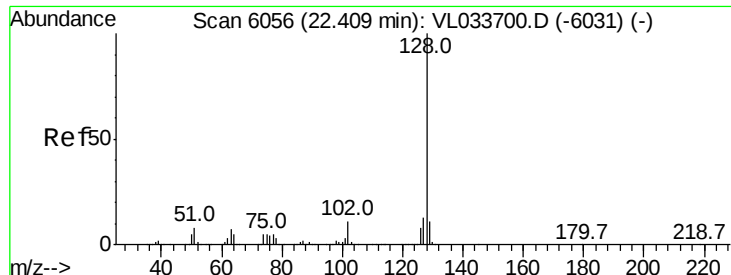
Delta R.T. -0.01 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	79.0	22.9	68.8#
148	69.9	32.0	96.2





#79

Naphthalene

Concen: 0.368 ppbv

RT: 22.42 min Scan# 6058

Delta R.T. 0.01 min

Lab File: VL033818.D

Acq: 29 May 2019 1:13

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3011-55

Tot Ion:	128	Resp:	101863
Ion Ratio	Lower	Upper	
128	100		
127	9.8	10.6	16.0#
129	14.7	8.9	13.3#

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