

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052919\
 Data File : VL033864.D
 Acq On : 30 May 2019 10:19
 Operator : SY/AP
 Sample : K3007-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSG-2

Manual Integrations
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apatel
 5/31/2019 2:40:41 PM

Quant Time: May 31 07:25:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 1
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	800592	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1924036	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2091217	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.57	95	1675695	9.88	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	19388	0.115	ppbv	91
3) Chlorodifluoromethane	3.01	51	29078m	0.317	ppbv	
4) Chloromethane	3.17	50	39747	0.758	ppbv	97
5) Vinyl Chloride	3.28	62	6564m	0.123	ppbv	
9) Propene	3.03	41	1474511	37.803	ppbv	87
10) Heptane	8.25	43	1981663	17.941	ppbv	99
11) Trichlorofluoromethane	4.00	101	45653	0.284	ppbv	85
13) Ethanol	3.66	45	3693630	292.978	ppbv	99
15) Acetone	3.89	43	10868239m	97.843	ppbv	
17) tert-Butyl alcohol	4.37	59	253626	2.824	ppbv #	72
20) Methylene Chloride	4.41	84	26574	0.621	ppbv #	60
26) Hexane	5.78	57	2574834	30.695	ppbv #	40
27) Carbon Disulfide	4.62	76	486400	4.226	ppbv	97
28) Methyl tert-Butyl Ether	5.11	73	956679	6.996	ppbv	99
29) Chloroform	5.85	83	46983	0.304	ppbv	100
30) Cyclohexane	7.24	84	289830	4.110	ppbv	92
32) 1,1,1-Trichloroethane	6.62	97	39544	0.256	ppbv	95
34) 2-Butanone	5.32	43	1003046	8.411	ppbv	99
35) Carbon Tetrachloride	7.13	117	5790m	0.038	ppbv	
36) Benzene	7.00	78	2060477	11.773	ppbv	99
37) 1,2-Dichloroethane	6.41	62	38441m	0.340	ppbv	
38) Trichloroethene	7.96	130	21235m	0.327	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	17442663	58.968	ppbv #	89
51) 2-Hexanone	10.25	43	1317530	9.203	ppbv #	32
52) Tetrachloroethene	11.37	164	439847	7.149	ppbv	97
53) Toluene	9.95	91	1888450	10.004	ppbv	98
58) Ethyl Benzene	12.86	91	286546	1.035	ppbv	96
59) m/p-Xylene	13.11	91	854339	3.529	ppbv	97
60) o-Xylene	13.84	91	296494	1.215	ppbv	98
61) Styrene	13.68	104	23343m	0.142	ppbv	
62) Isopropylbenzene	14.82	105	35364m	0.108	ppbv	
64) n-propylbenzene	15.72	120	16630m	0.196	ppbv	
72) 4-Ethyltoluene	15.99	105	97160m	0.348	ppbv	
73) 1,3,5-Trimethylbenzene	16.15	105	79532	0.292	ppbv	89
74) 1,2,4-Trimethylbenzene	16.91	105	340330	1.149	ppbv #	72
79) Naphthalene	22.40	128	293700	1.067	ppbv #	94
80) Naphthalene,2-methyl-	25.11	142	17988	0.172	ppbv #	82

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

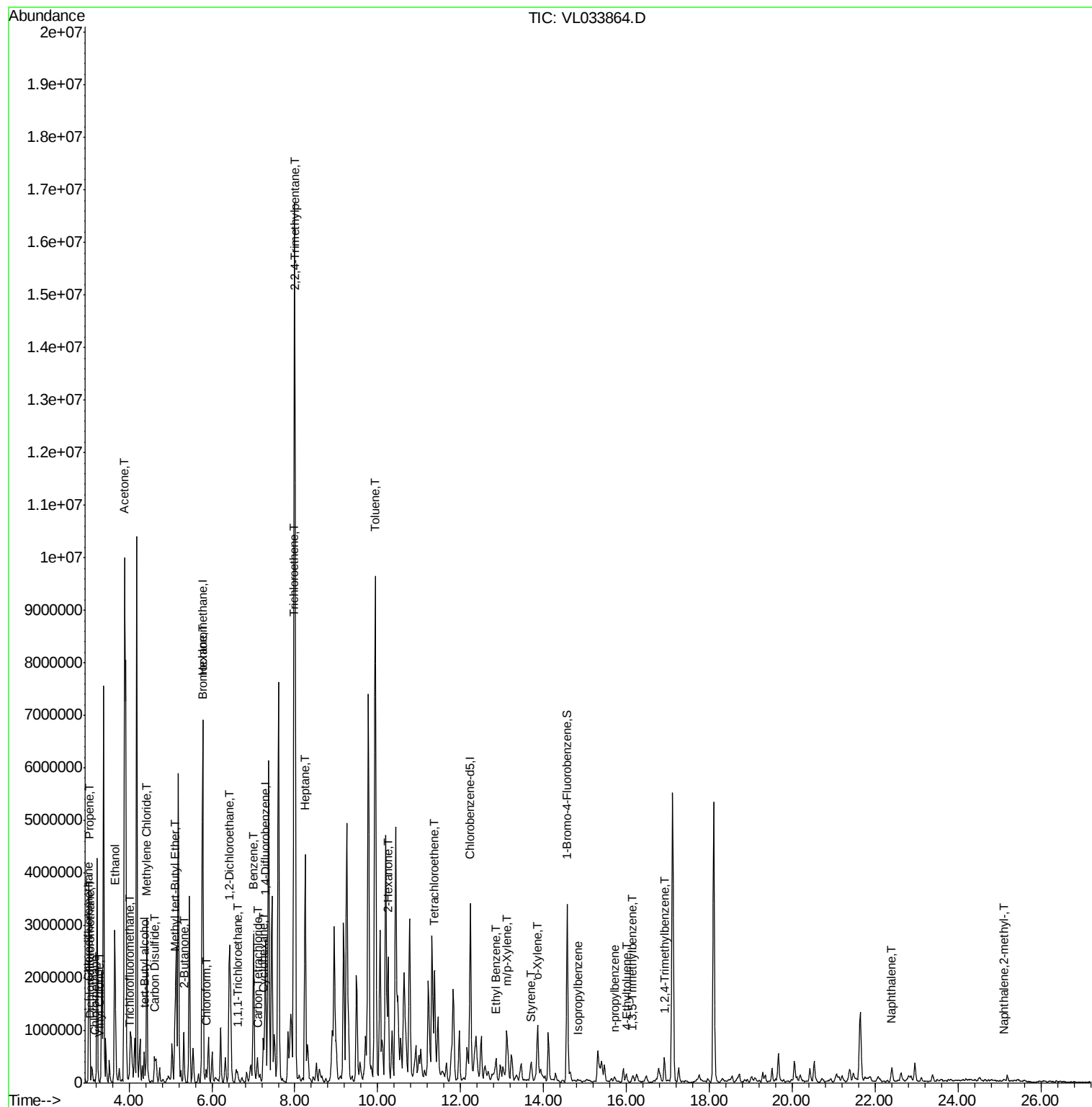
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052919\
Data File : VL033864.D
Acq On : 30 May 2019 10:19
Operator : SY/AP
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

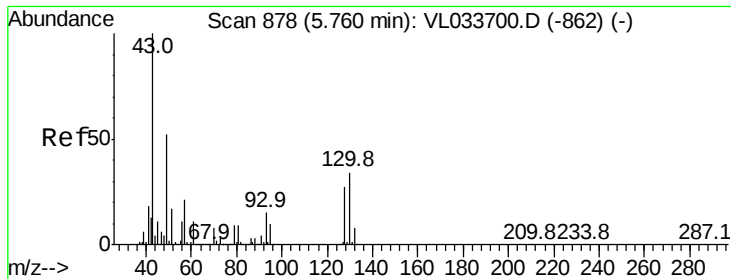
Instrument :
MSVOA_L
ClientSampled :
SSG-2

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Quant Time: May 31 07:25:27 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: 5.76 min Scan# 878

Delta R.T. 0.00 min

Lab File: VL033864.D

Acq: 30 May 2019 10:19

Instrument :

MSVOA_L

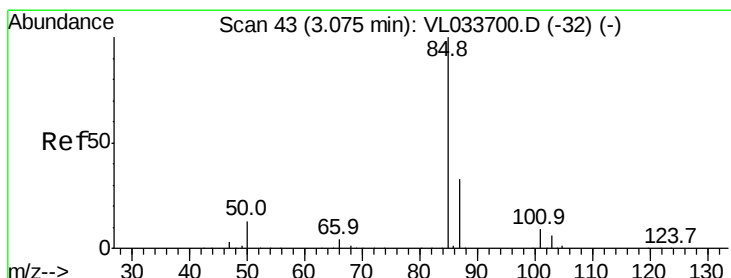
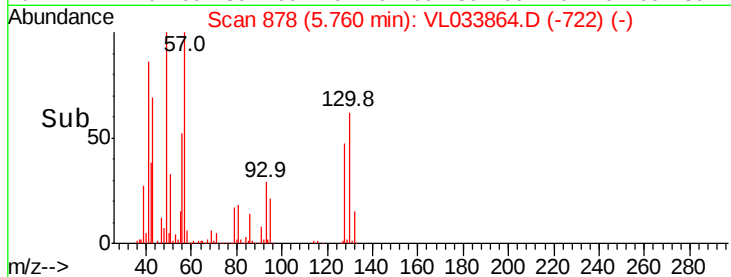
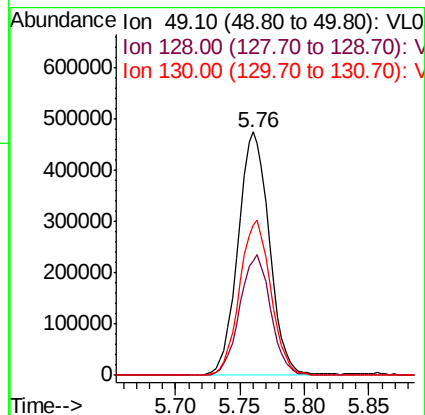
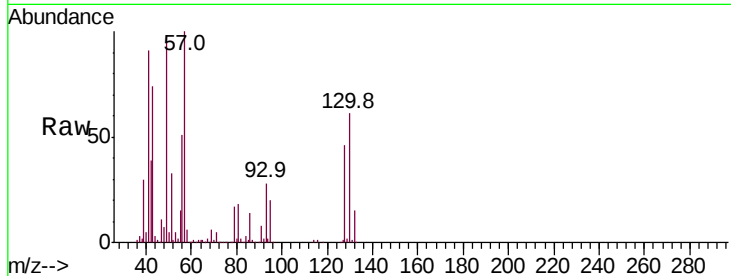
ClientSampled :

SSG-2

Tot Ion:	49	Resp:	800592
Ion Ratio	Lower	Upper	
49	100		
128	49.0	25.2	75.6
130	63.7	32.5	97.5

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#2

Dichlorodifluoromethane

Concen: 0.115 ppbv

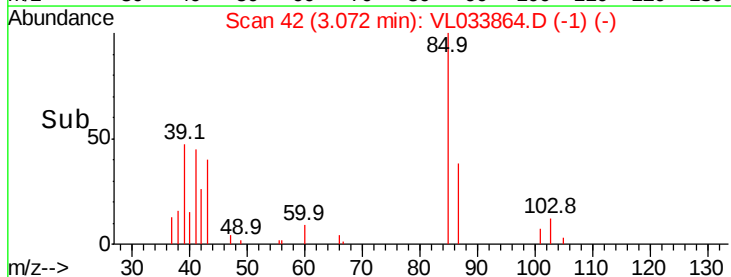
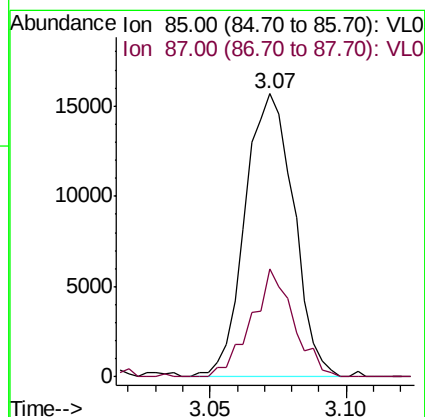
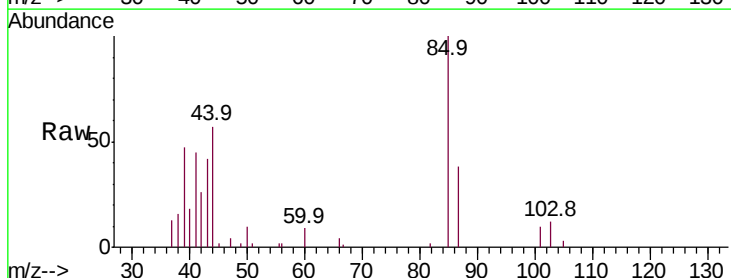
RT: 3.07 min Scan# 42

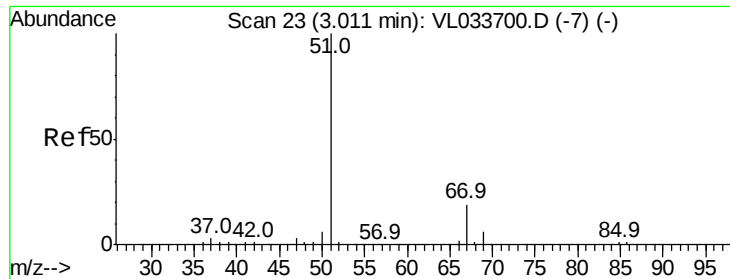
Delta R.T. -0.00 min

Lab File: VL033864.D

Acq: 30 May 2019 10:19

Tgt Ion:	85	Resp:	19388
Ion Ratio	Lower	Upper	
85	100		
87	38.2	26.3	39.5





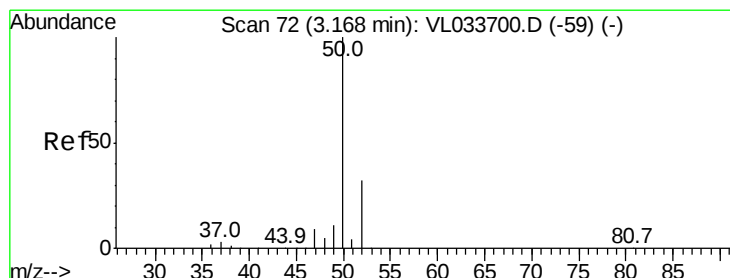
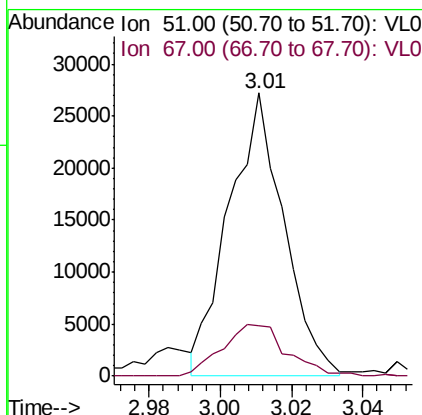
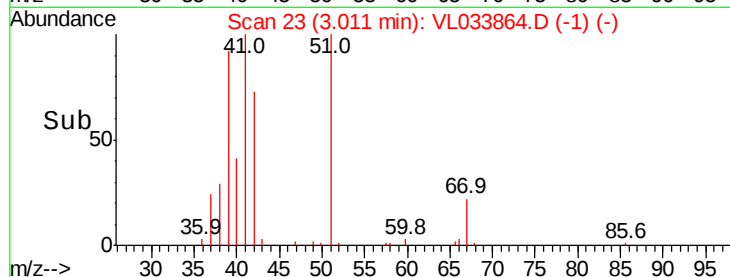
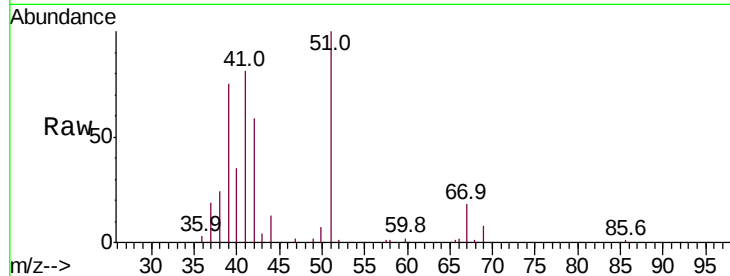
#3
 Chlorodifluoromethane
 Concen: 0.317 ppbv
 RT: 3.01 min Scan# 23
 Delta R.T. 0.00 min
 Lab File: VL033864.D
 Acq: 30 May 2019 10:19

Instrument :
 MSVOA_L
 ClientSampleId :
 SSG-2

Tot Ion: 51 Resp: 29078
 Ion Ratio Lower Upper
 51 100
 67 21.5 15.6 23.4

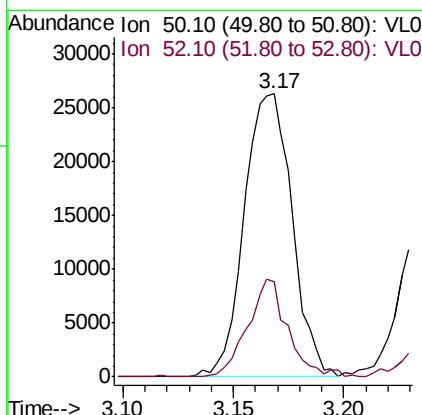
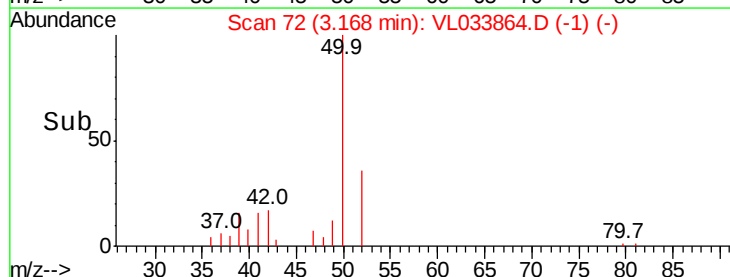
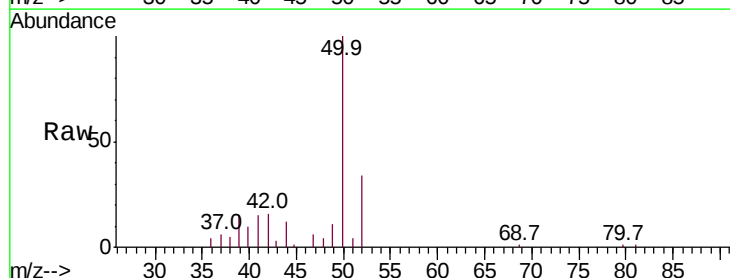
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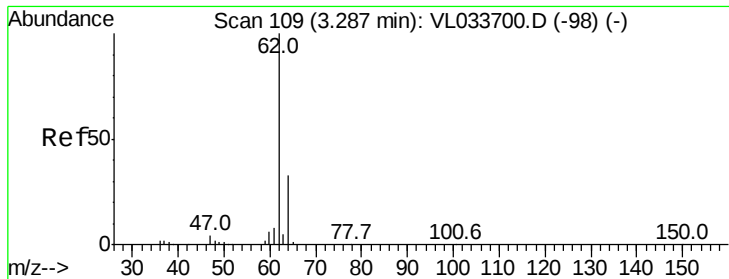
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#4
 Chloromethane
 Concen: 0.758 ppbv
 RT: 3.17 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: VL033864.D
 Acq: 30 May 2019 10:19

Tgt Ion: 50 Resp: 39747
 Ion Ratio Lower Upper
 50 100
 52 33.8 25.7 38.5





#5

Vinyl Chloride

Concen: 0.123 ppbv m

RT: 3.28 min Scan# 107

Delta R.T. -0.01 min

Lab File: VL033864.D

Acq: 30 May 2019 10:19

Instrument :

MSVOA_L

ClientSampled :

SSG-2

Tot Ion: 62 Resp: 6564

Ion Ratio Lower Upper

62 100

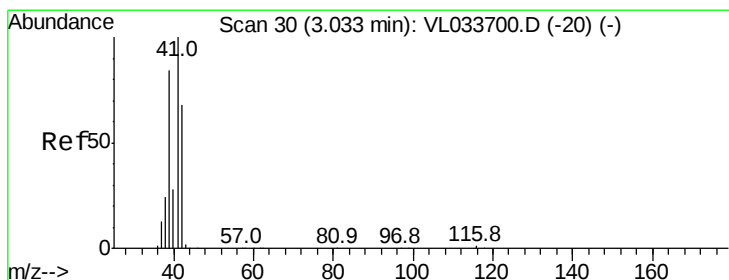
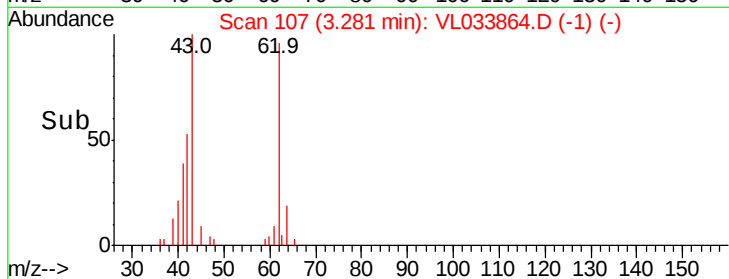
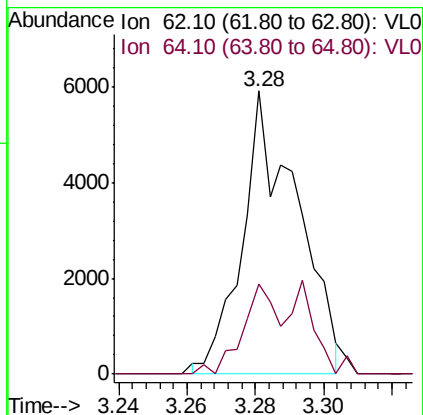
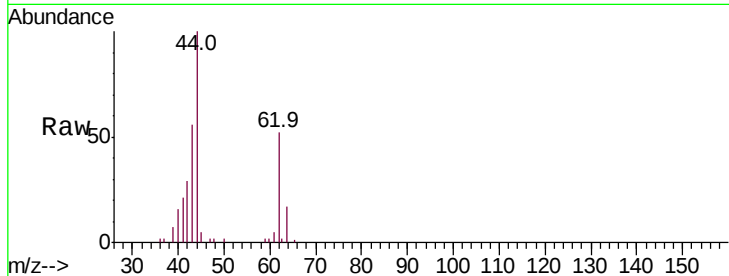
64 33.3 26.4 39.6

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#9

Propene

Concen: 37.803 ppbv

RT: 3.03 min Scan# 30

Delta R.T. 0.00 min

Lab File: VL033864.D

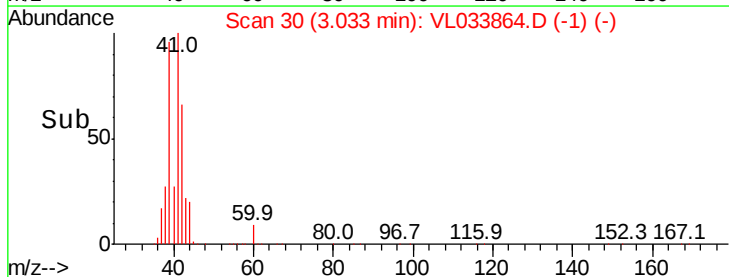
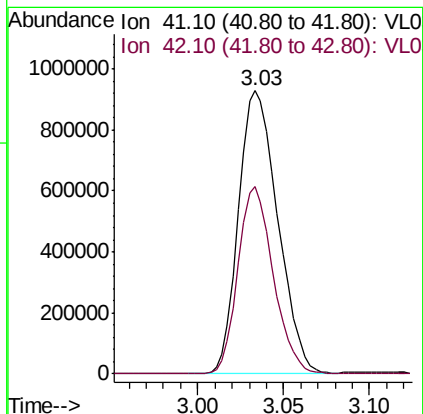
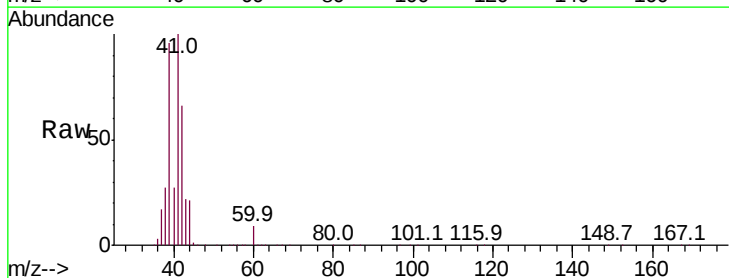
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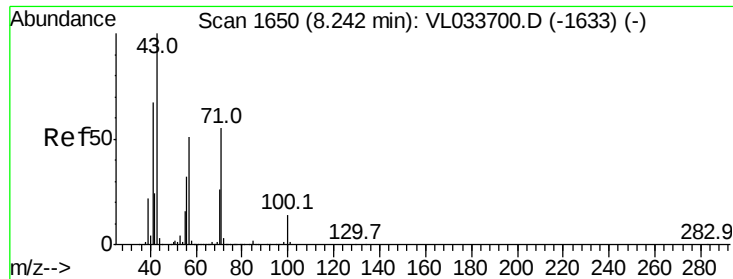
Tgt Ion: 41 Resp: 1474511

Ion Ratio Lower Upper

41 100

42 59.7 56.1 84.1





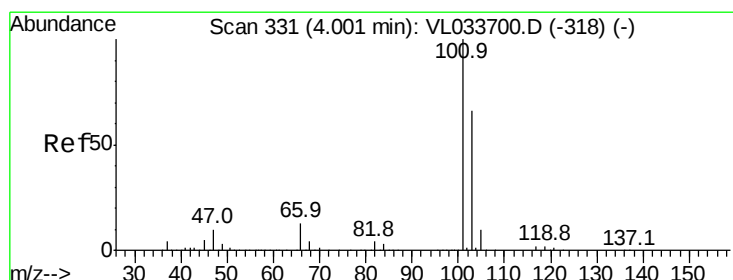
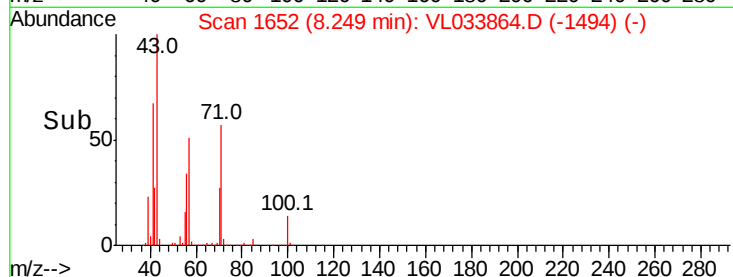
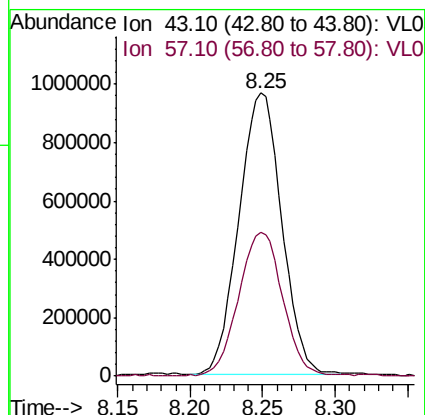
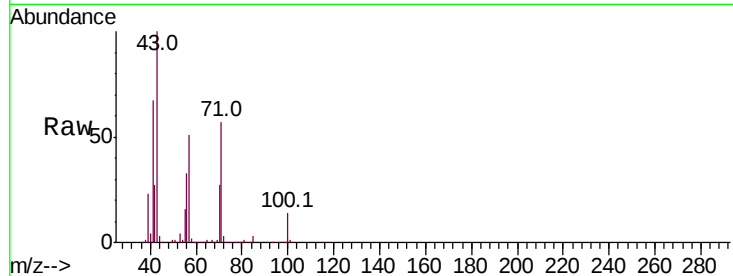
#10
Heptane
Concen: 17.941 ppbv
RT: 8.25 min Scan# 1652
Delta R.T. 0.01 min
Lab File: VL033864.D
Acq: 30 May 2019 10:19

Instrument :
MSVOA_L
ClientSampled :
SSG-2

Tot Ion: 43 Resp: 1981663
Ion Ratio Lower Upper
43 100
57 52.4 41.4 62.0

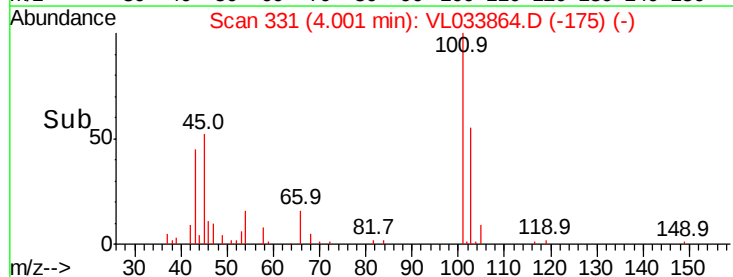
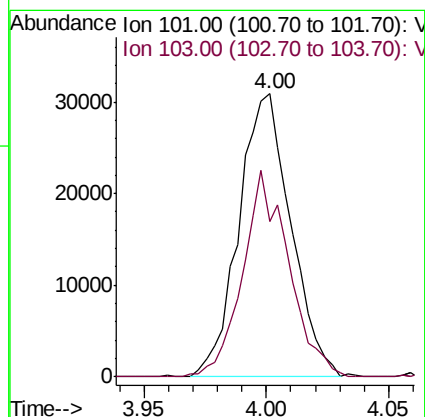
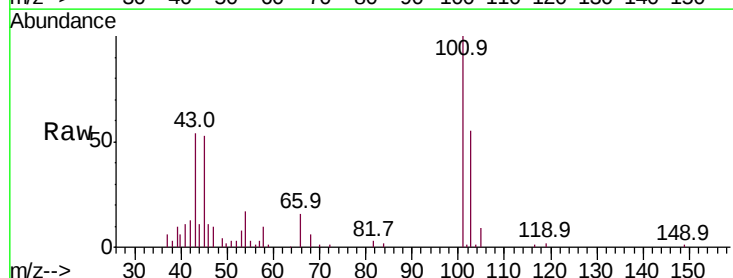
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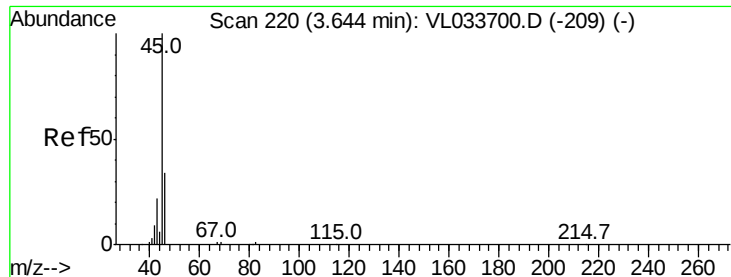
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#11
Trichlorofluoromethane
Concen: 0.284 ppbv
RT: 4.00 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL033864.D
Acq: 30 May 2019 10:19

Tgt Ion:101 Resp: 45653
Ion Ratio Lower Upper
101 100
103 54.0 52.6 78.8





#13

Ethanol

Concen: 292.978 ppbv

RT: 3.66 min Scan# 224

Delta R.T. 0.01 min

Lab File: VL033864.D

Acq: 30 May 2019 10:19

Instrument :

MSVOA_L

ClientSampled :

SSG-2

Tot Ion: 45 Resp: 3693630

Ion Ratio Lower Upper

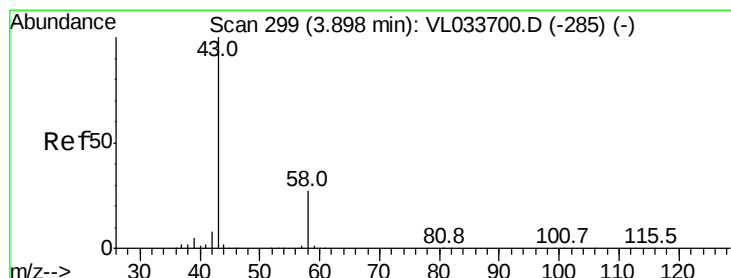
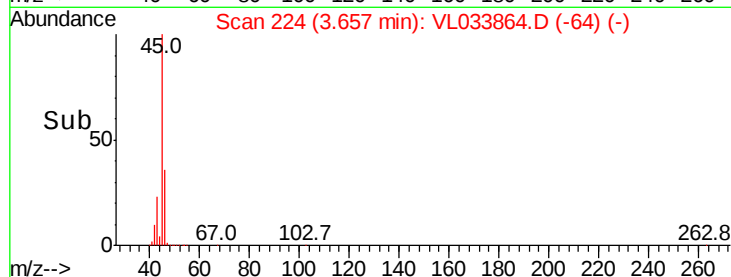
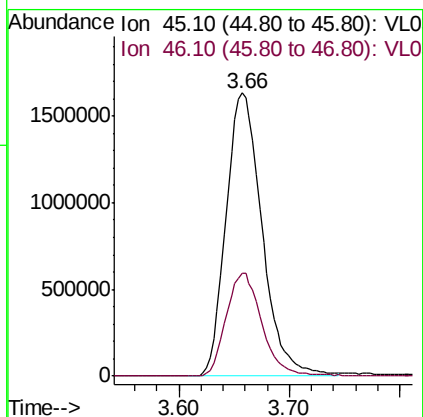
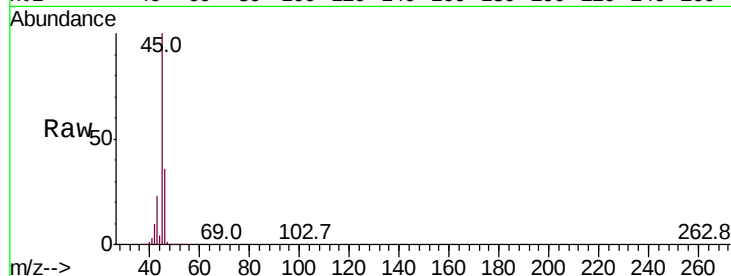
45 100

46 36.5 14.8 59.0

Manual Integrations
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#15

Acetone

Concen: 97.843 ppbv m

RT: 3.89 min Scan# 297

Delta R.T. -0.01 min

Lab File: VL033864.D

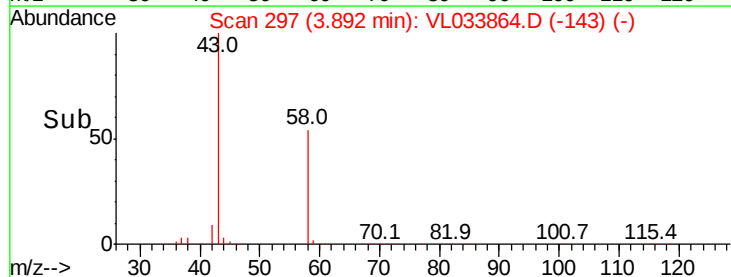
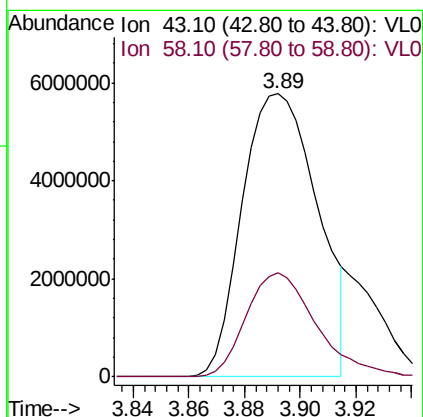
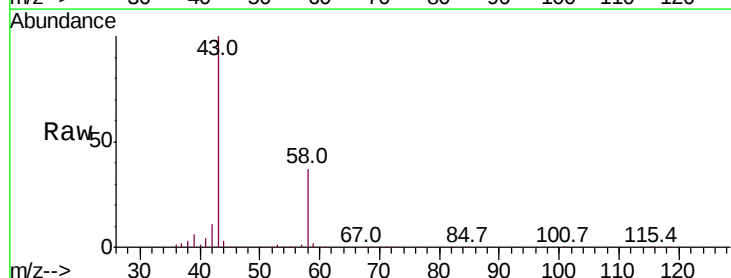
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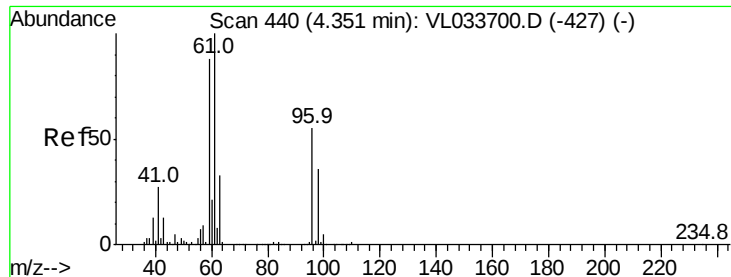
Tgt Ion: 43 Resp: 10868239

Ion Ratio Lower Upper

43 100

58 34.5 21.3 31.9#





#17

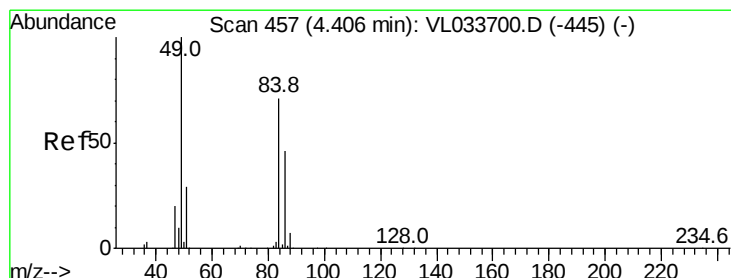
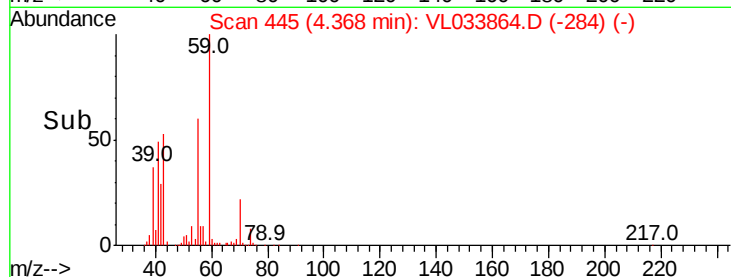
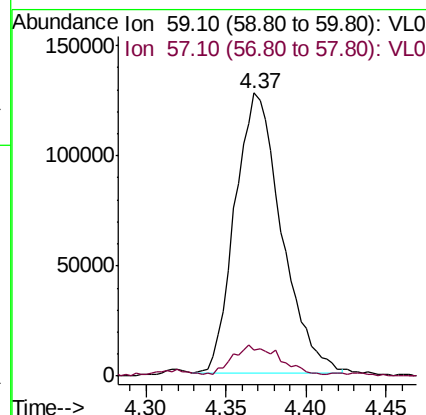
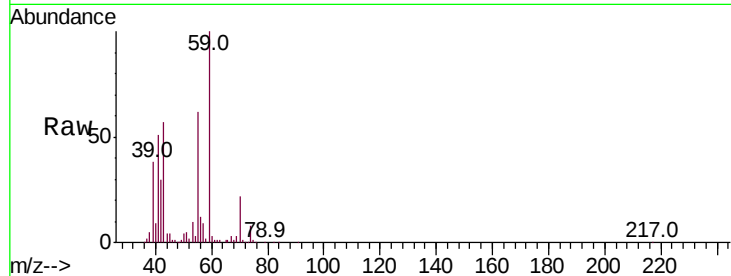
tert-Butyl alcohol
 Concen: 2.824 ppbv
 RT: 4.37 min Scan# 445
 Delta R.T. 0.02 min
 Lab File: VL033864.D
 Acq: 30 May 2019 10:19

Instrument :
 MSVOA_L
 ClientSampled :
 SSG-2

Tot Ion: 59 Resp: 253626
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

Manual Integrations
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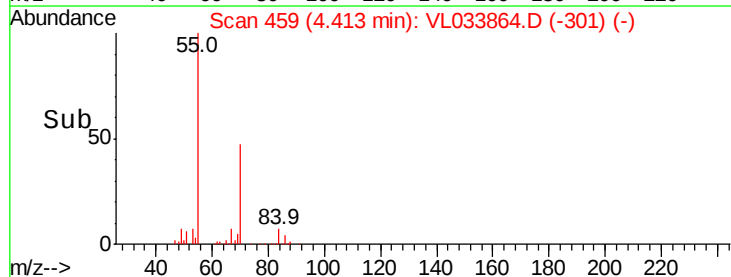
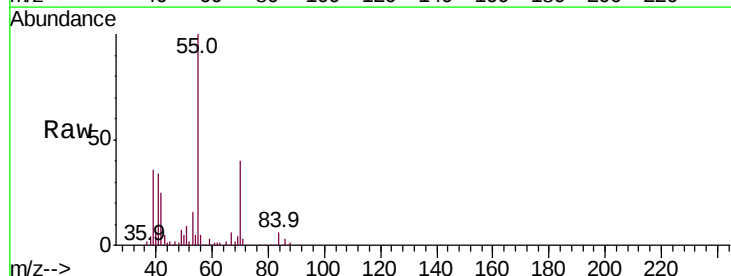
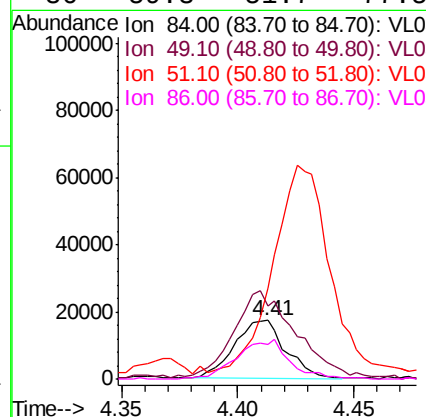
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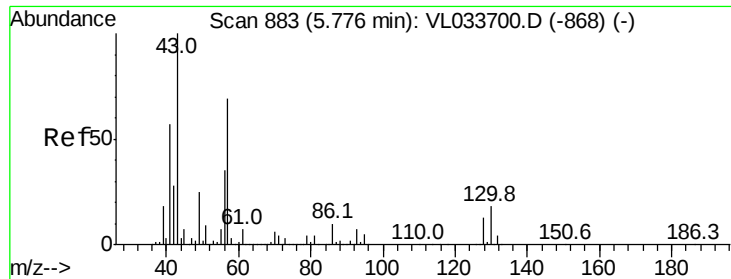


#20

Methylene Chloride
 Concen: 0.621 ppbv
 RT: 4.41 min Scan# 459
 Delta R.T. 0.01 min
 Lab File: VL033864.D
 Acq: 30 May 2019 10:19

Tgt Ion: 84 Resp: 26574
 Ion Ratio Lower Upper
 84 100
 49 120.3 112.8 169.2
 51 147.2 33.4 50.0#
 86 59.3 51.7 77.5





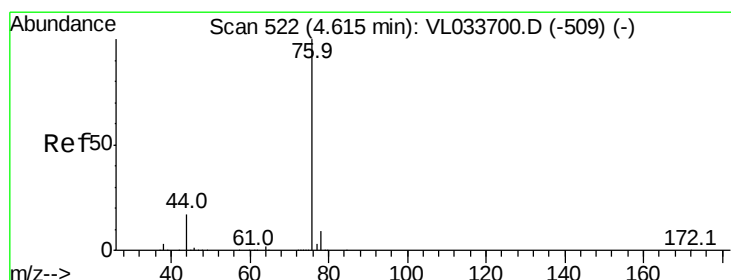
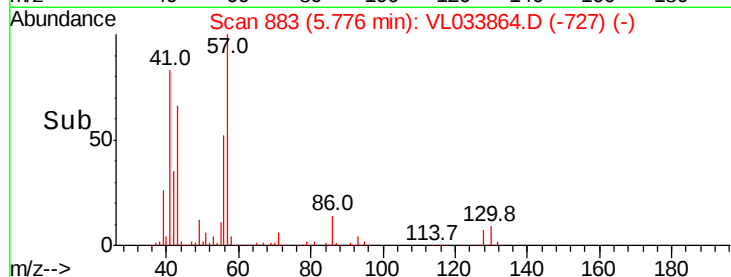
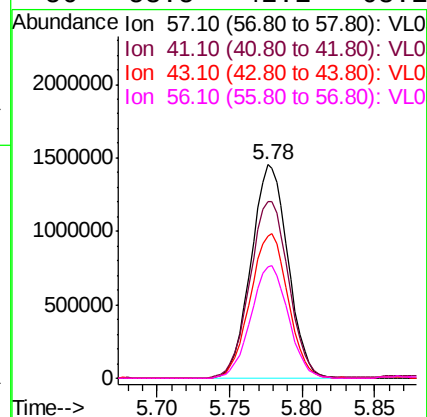
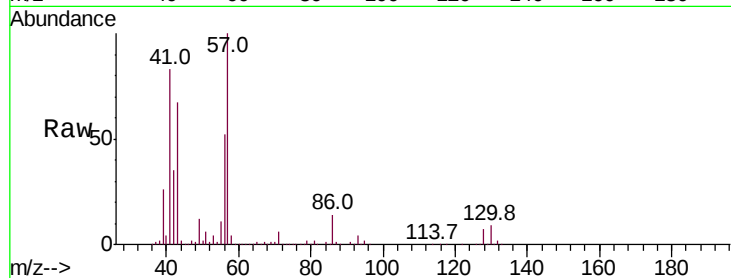
#26
Hexane
Concen: 30.695 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.00 min
Lab File: VL033864.D
Acq: 30 May 2019 10:19

Instrument :
MSVOA_L
ClientSampled :
SSG-2

Tot Ion: 57 Resp: 2574834
Ion Ratio Lower Upper
57 100
41 87.3 69.8 104.6
43 69.2 181.8 272.6#
56 53.5 42.1 63.1

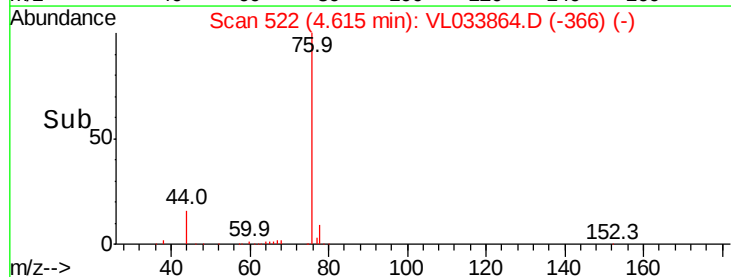
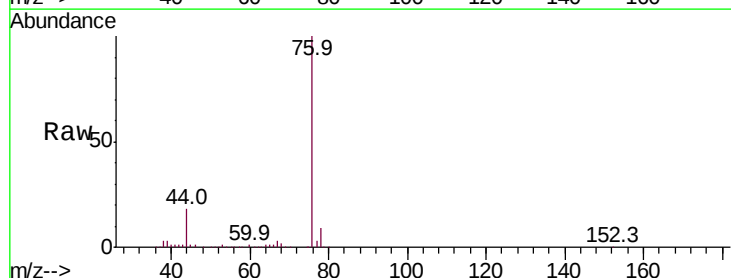
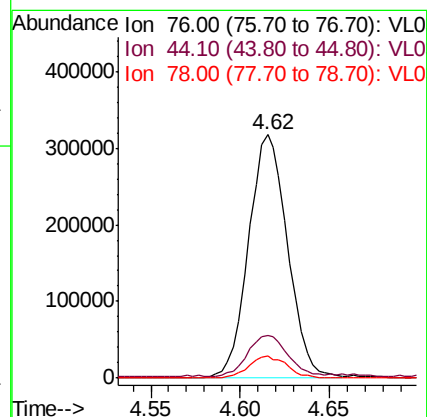
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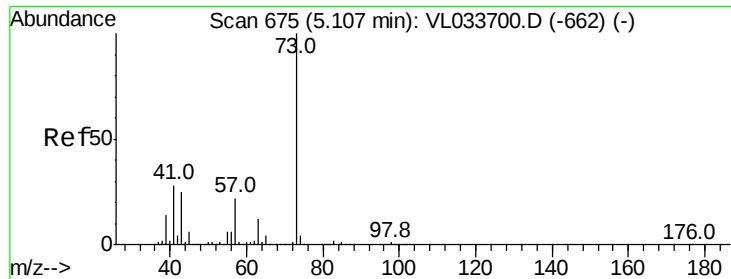
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#27
Carbon Disulfide
Concen: 4.226 ppbv
RT: 4.62 min Scan# 522
Delta R.T. 0.00 min
Lab File: VL033864.D
Acq: 30 May 2019 10:19

Tgt Ion: 76 Resp: 486400
Ion Ratio Lower Upper
76 100
44 18.8 13.8 20.8
78 8.9 7.4 11.0





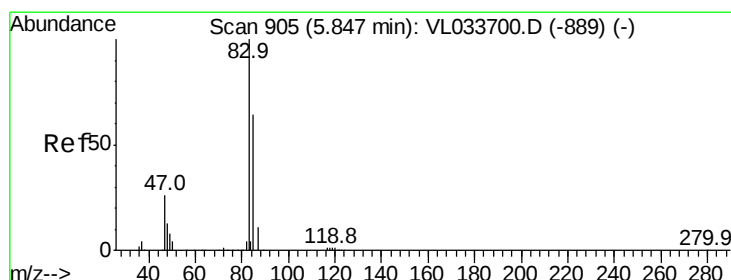
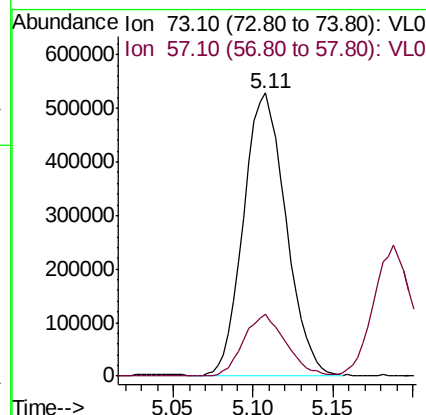
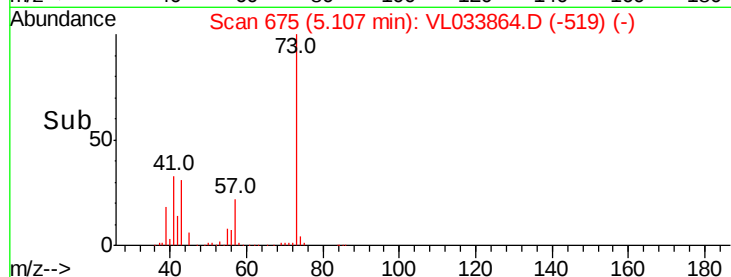
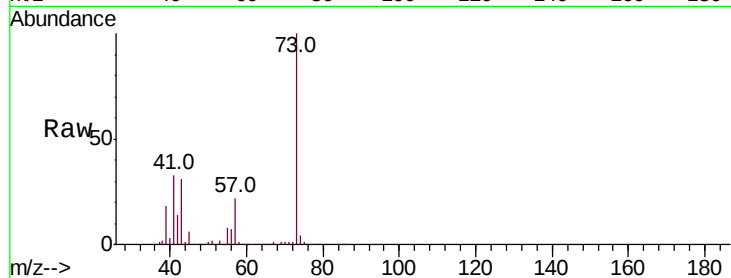
#28
Methvl tert-Butvl Ether
Concen: 6.996 ppbv
RT: 5.11 min Scan# 675
Delta R.T. 0.00 min
Lab File: VL033864.D
Acq: 30 May 2019 10:19

Instrument :
MSVOA_L
ClientSampled :
SSG-2

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.4	26.2

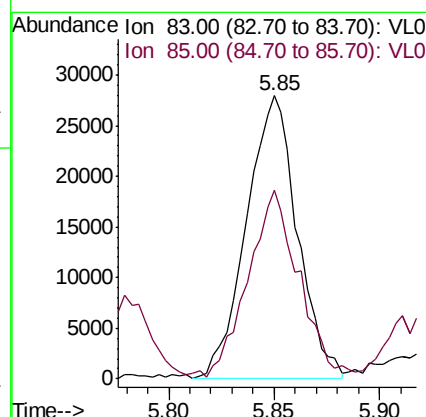
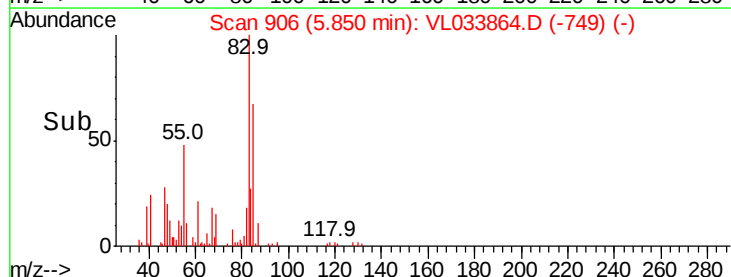
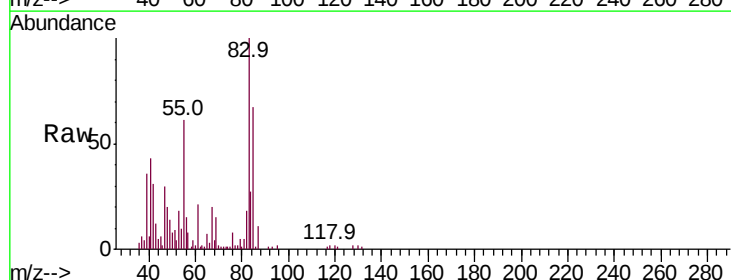
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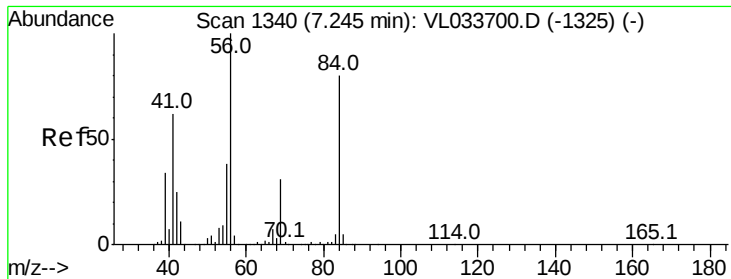
apatel
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#29
Chloroform
Concen: 0.304 ppbv
RT: 5.85 min Scan# 906
Delta R.T. 0.00 min
Lab File: VL033864.D
Acq: 30 May 2019 10:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.5	77.3





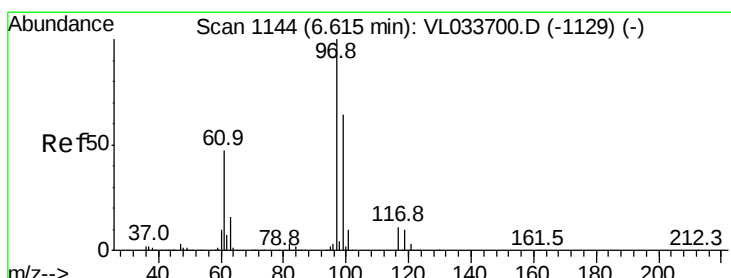
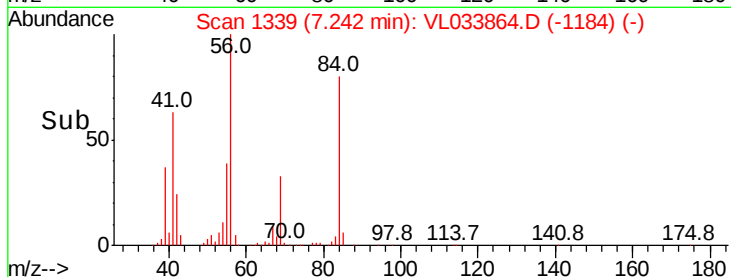
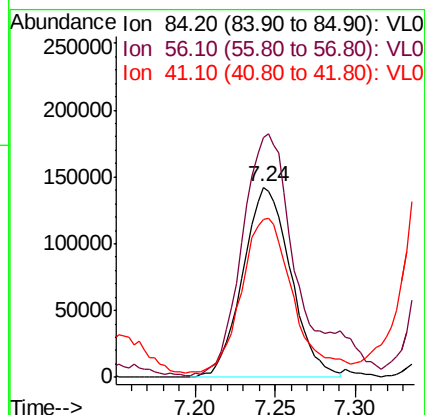
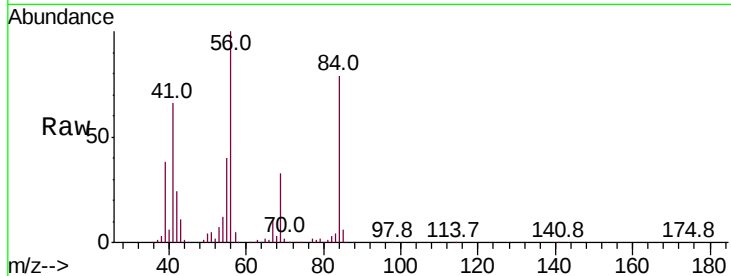
#30
Cvclohexane
Concen: 4.110 ppbv
RT: 7.24 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VL033864.D
Acq: 30 May 2019 10:19

Instrument :
MSVOA_L
ClientSampled :
SSG-2

Tot Ion	Ratio	Lower	Upper
84	100		
56	147.3	107.7	161.5
41	86.5	66.0	99.0

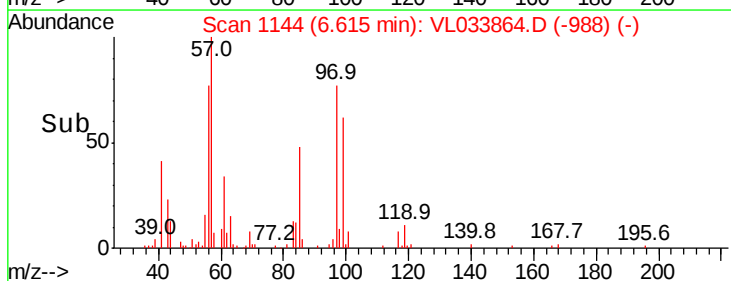
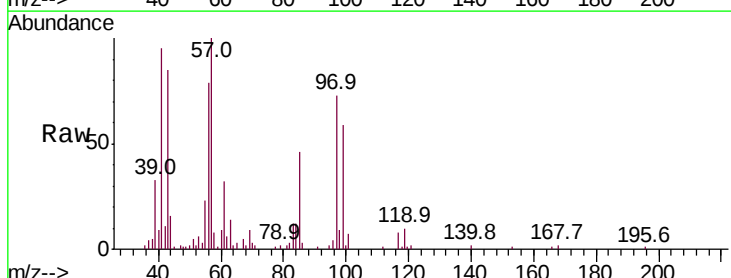
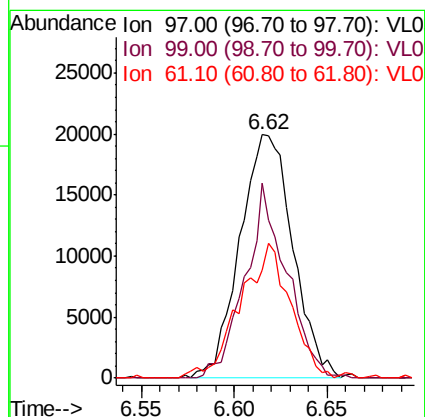
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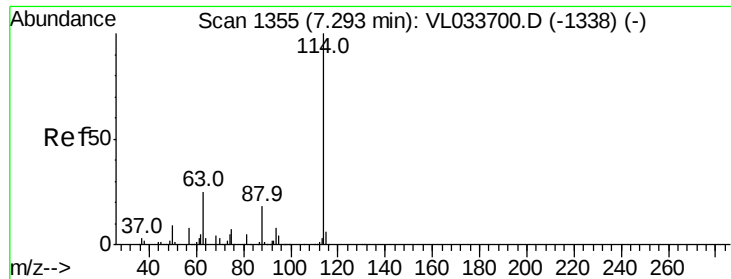
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#32
1,1,1-Trichloroethane
Concen: 0.256 ppbv
RT: 6.62 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VL033864.D
Acq: 30 May 2019 10:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.5	77.3
61	53.2	37.8	56.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.29 min Scan# 1354

Delta R.T. -0.00 min

Lab File: VL033864.D

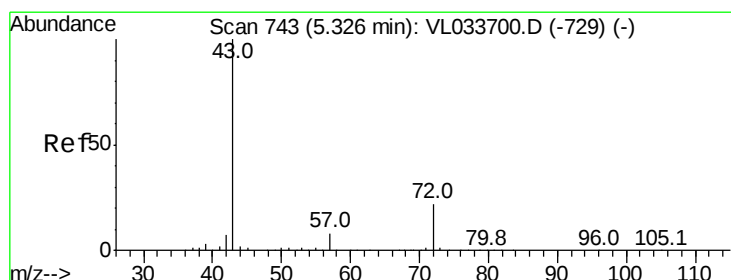
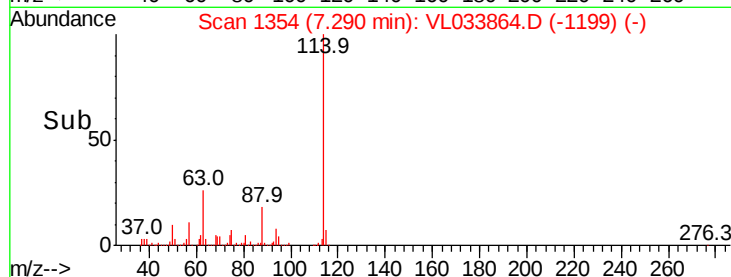
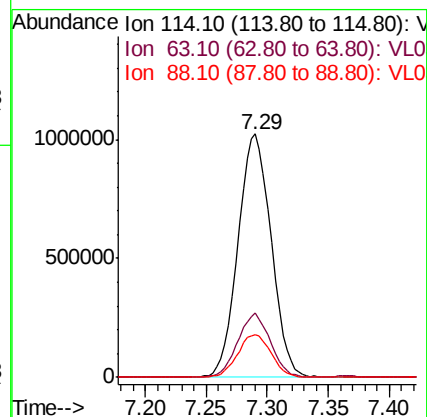
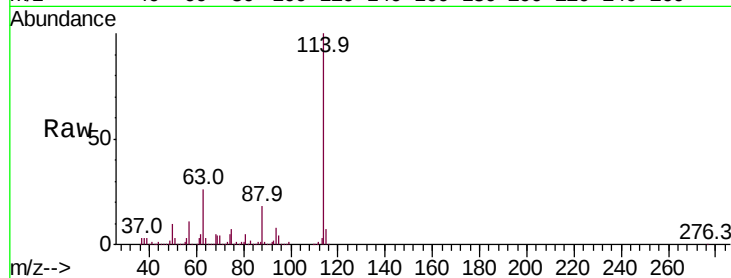
Acq: 30 May 2019 10:19

Instrument :
MSVOA_L
ClientSampled :
SSG-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.1	20.9	31.3
88	17.8	14.3	21.5

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#34

2-Butanone

Concen: 8.411 ppbv

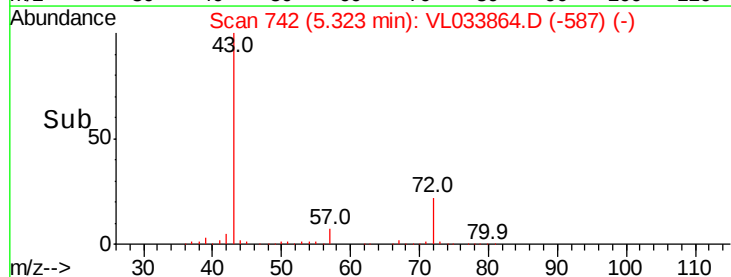
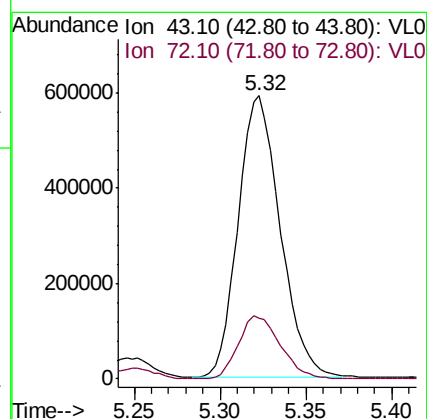
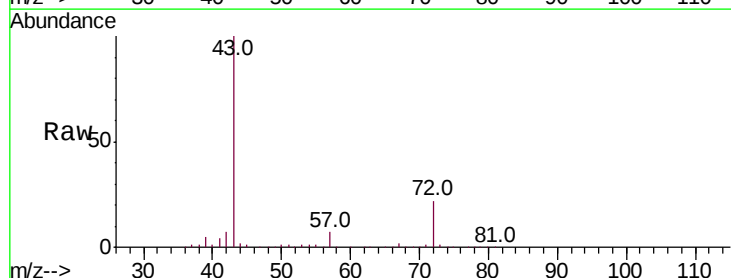
RT: 5.32 min Scan# 742

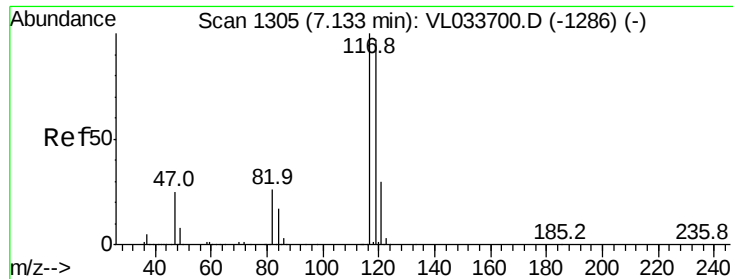
Delta R.T. -0.00 min

Lab File: VL033864.D

Acq: 30 May 2019 10:19

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.6	17.8	26.6





#35

Carbon Tetrachloride

Concen: 0.038 ppbv m

RT: 7.13 min Scan# 1303

Delta R.T. -0.01 min

Lab File: VL033864.D

Acq: 30 May 2019 10:19

Instrument :

MSVOA_L

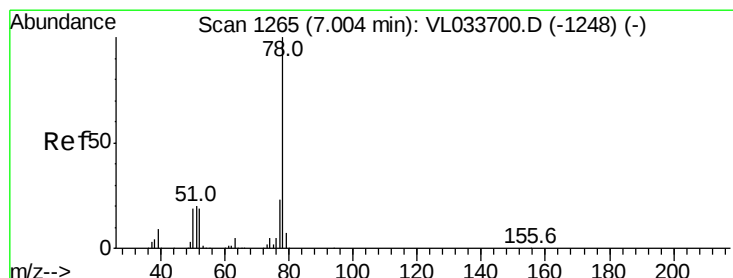
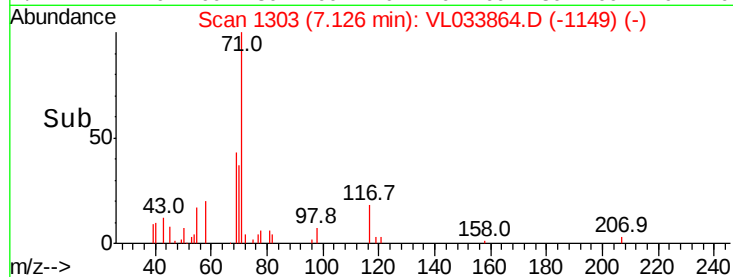
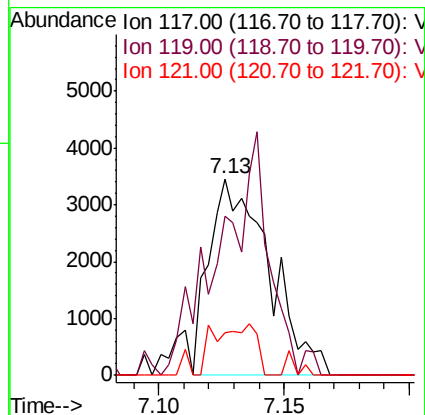
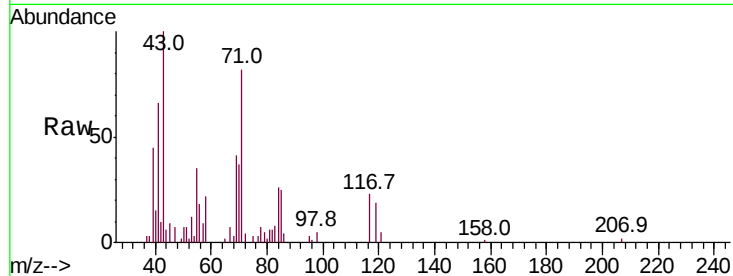
ClientSampled :

SSG-2

Tot Ion	Ratio	Lower	Upper
117	100		
119	80.6	77.2	115.8
121	21.8	24.1	36.1#

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#36

Benzene

Concen: 11.773 ppbv

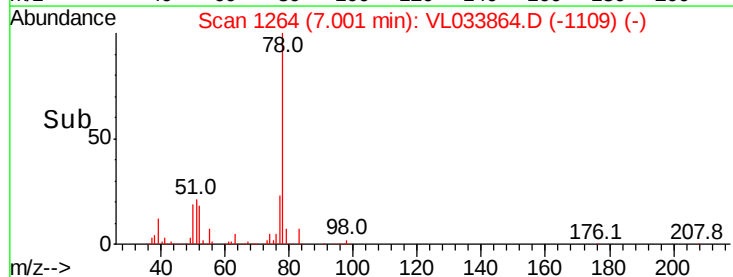
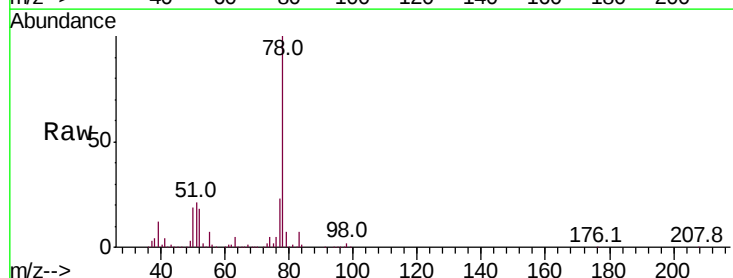
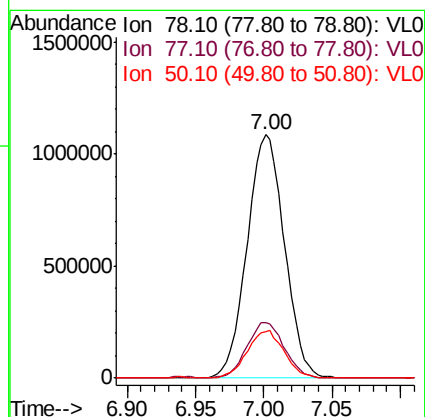
RT: 7.00 min Scan# 1264

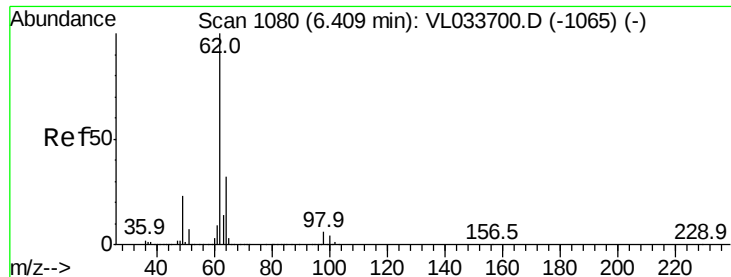
Delta R.T. -0.00 min

Lab File: VL033864.D

Acq: 30 May 2019 10:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.4	27.6
50	19.0	15.5	23.3





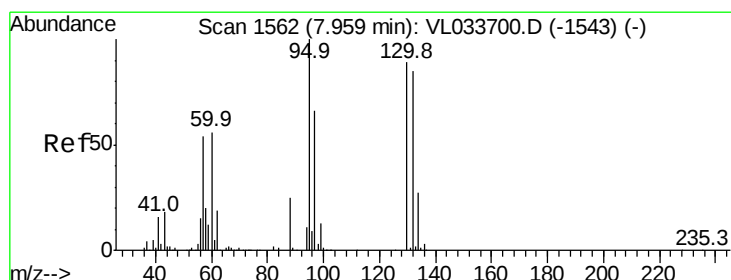
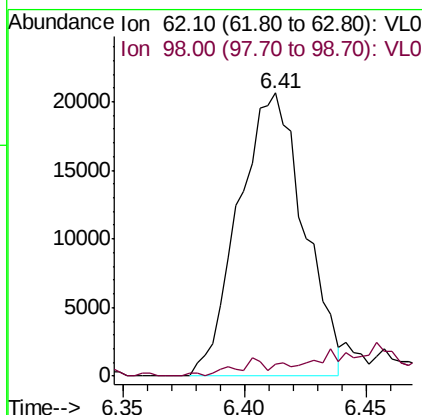
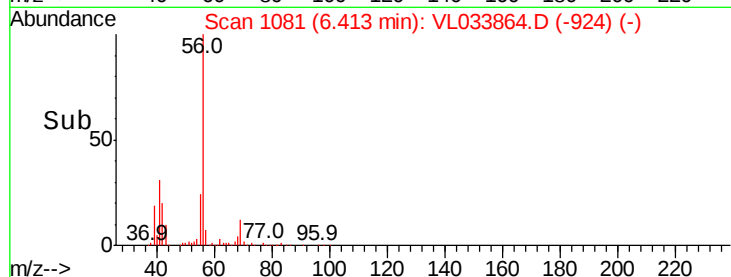
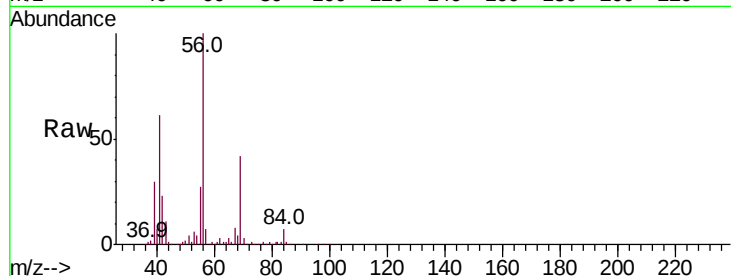
#37
 1,2-Dichloroethane
 Concen: 0.340 ppbv m
 RT: 6.41 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: VL033864.D
 Acq: 30 May 2019 10:19

Instrument :
 MSVOA_L
 ClientSampleId :
 SSG-2

Tot Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.5	6.7#

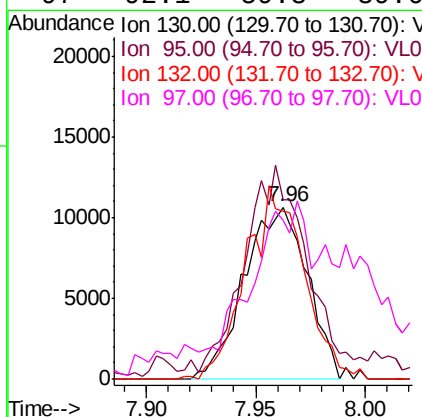
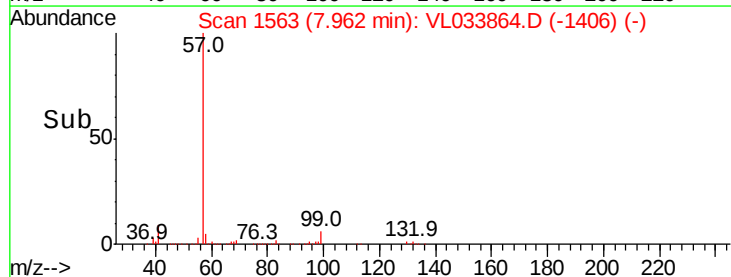
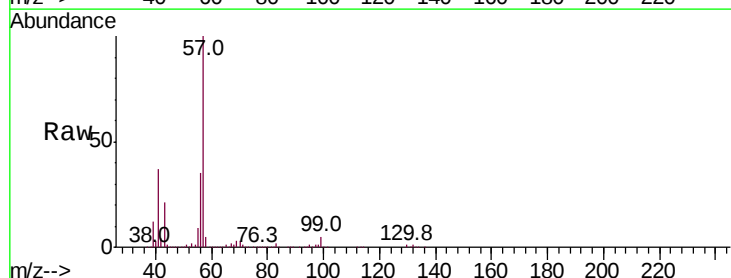
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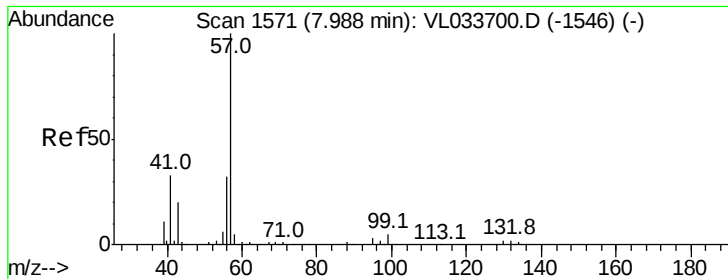
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#38
 Trichloroethene
 Concen: 0.327 ppbv m
 RT: 7.96 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VL033864.D
 Acq: 30 May 2019 10:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.4	90.2	135.4
132	97.6	76.4	114.6
97	92.1	59.8	89.6#





#44

2,2,4-Trimethylpentane

Concen: 58.968 ppbv

RT: 7.99 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VL033864.D

Acq: 30 May 2019 10:19

Instrument :

MSVOA_L

ClientSampleId :

SSG-2

Tot Ion: 57 Resp: 17442663

Ion Ratio Lower Upper

57 100

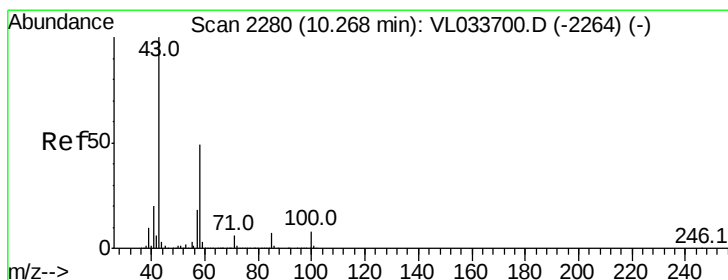
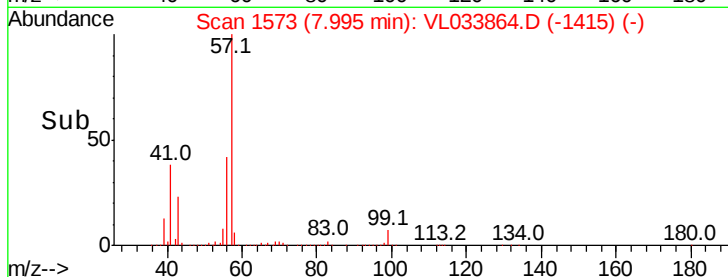
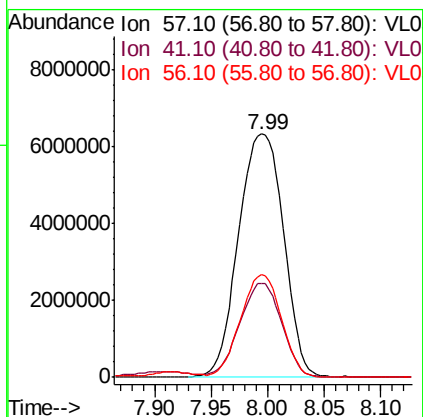
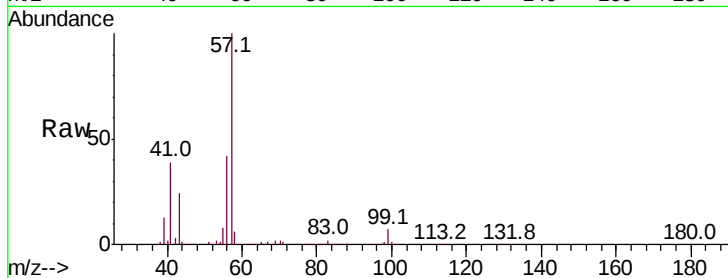
41 36.2 25.4 38.0

56 38.5 24.7 37.1#

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#51

2-Hexanone

Concen: 9.203 ppbv

RT: 10.25 min Scan# 2274

Delta R.T. -0.02 min

Lab File: VL033864.D

Acq: 30 May 2019 10:19

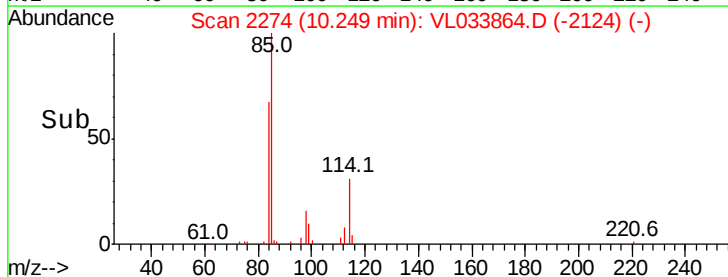
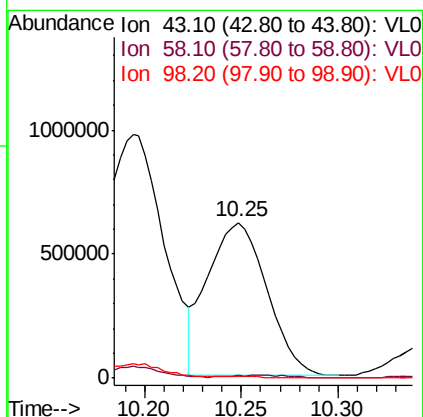
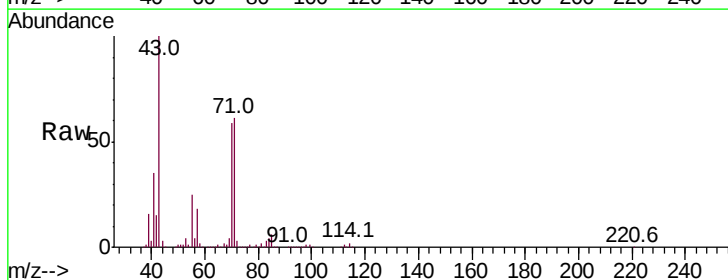
Tgt Ion: 43 Resp: 1317530

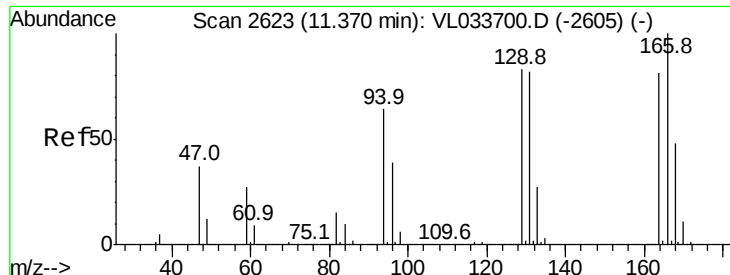
Ion Ratio Lower Upper

43 100

58 1.9 38.7 58.1#

98 0.0 0.2 0.4#





#52

Tetrachloroethene

Concen: 7.149 ppbv

RT: 11.37 min Scan# 2624

Delta R.T. 0.00 min

Lab File: VL033864.D

Acq: 30 May 2019 10:19

Instrument :

MSVOA_L

ClientSampled :

SSG-2

Tot Ion:164 Resp: 439847

Ion Ratio Lower Upper

164 100

166 128.7 98.9 148.3

129 106.3 81.8 122.6

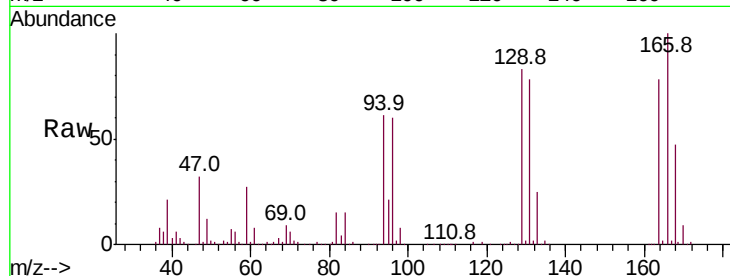
131 102.4 81.1 121.7

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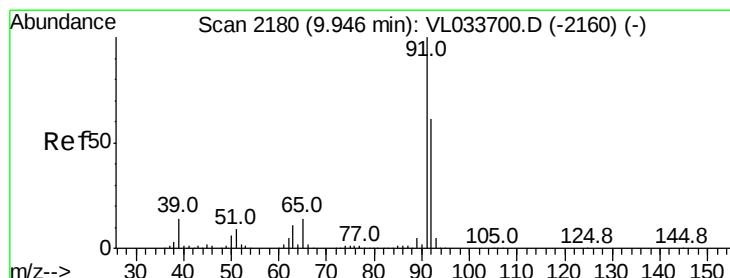
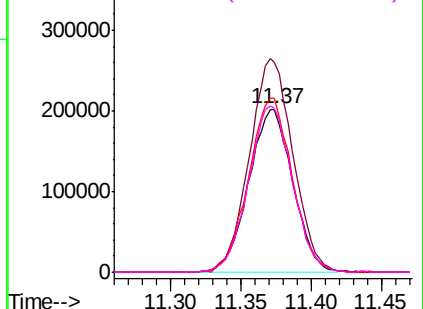
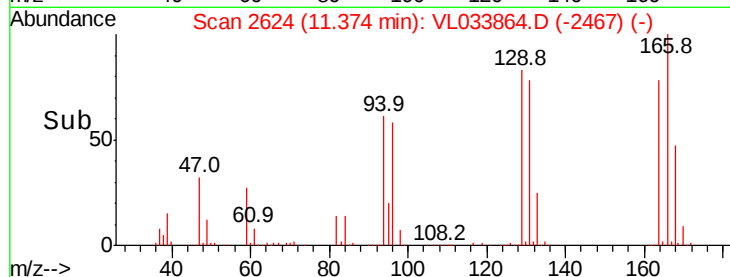


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 10.004 ppbv

RT: 9.95 min Scan# 2180

Delta R.T. 0.00 min

Lab File: VL033864.D

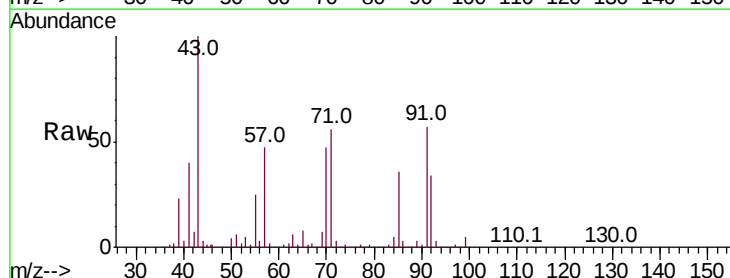
Acq: 30 May 2019 10:19

Tgt Ion: 91 Resp: 1888450

Ion Ratio Lower Upper

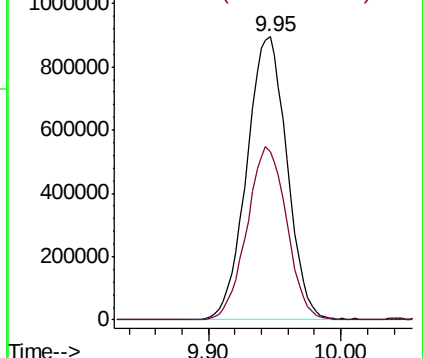
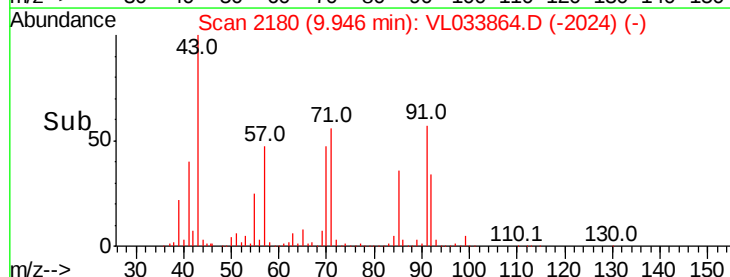
91 100

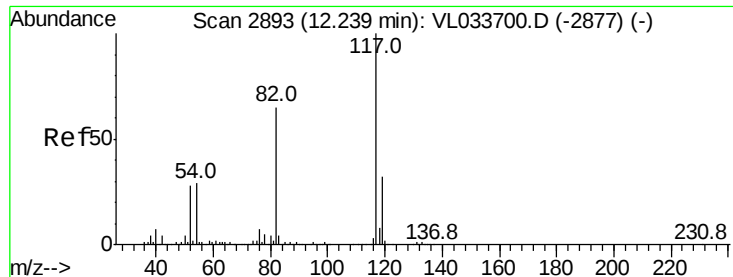
92 60.6 47.6 71.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2892

Delta R.T. -0.00 min

Lab File: VL033864.D

Acq: 30 May 2019 10:19

Instrument :

MSVOA_L

ClientSampleId :

SSG-2

Tot Ion:117 Resp: 2091217

Ion Ratio Lower Upper

117 100

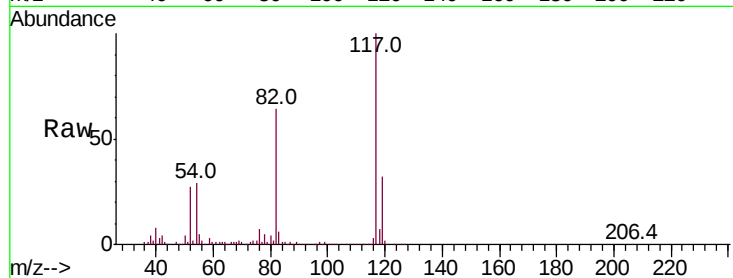
82 66.3 49.4 74.0

119 32.9 24.9 37.3

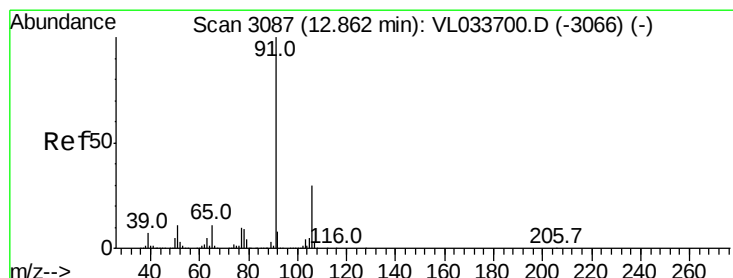
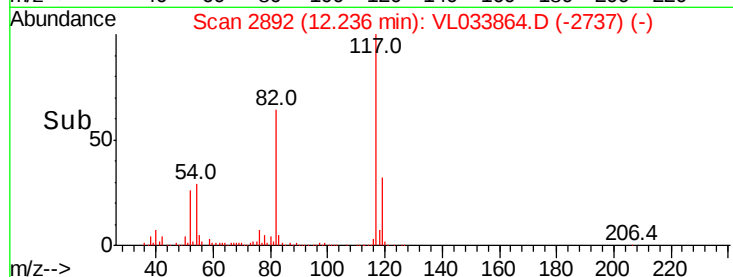
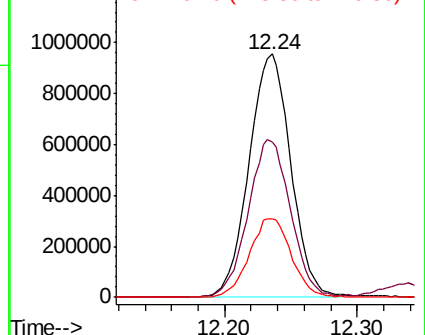
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Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#58

Ethyl Benzene

Concen: 1.035 ppbv

RT: 12.86 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VL033864.D

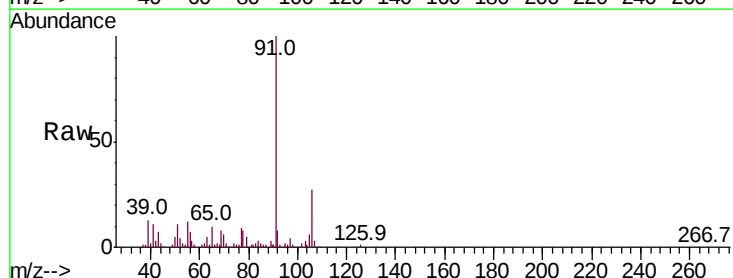
Acq: 30 May 2019 10:19

Tgt Ion: 91 Resp: 286546

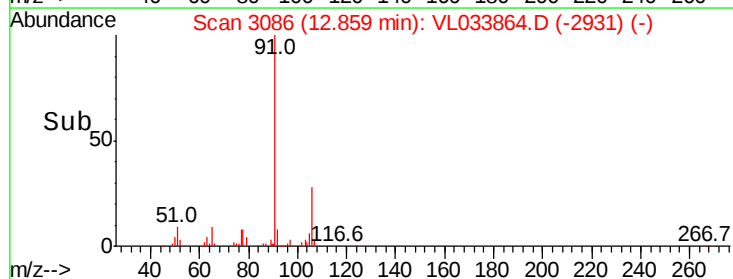
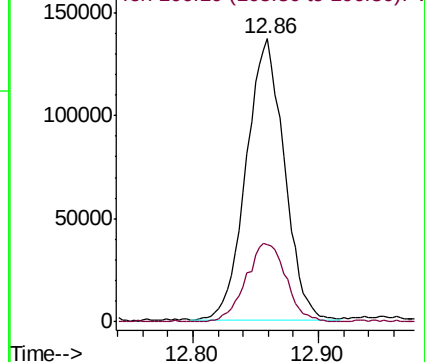
Ion Ratio Lower Upper

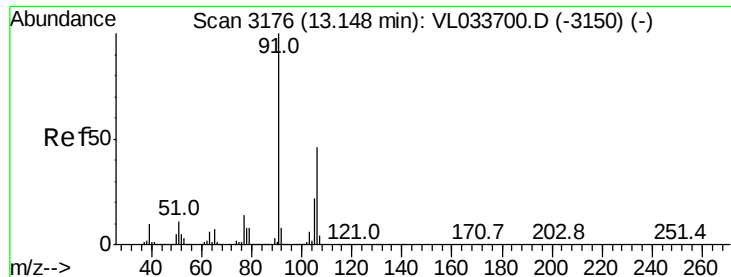
91 100

106 27.6 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: 3.529 ppbv

RT: 13.11 min Scan# 3165

Delta R.T. -0.04 min

Lab File: VL033864.D

Acq: 30 May 2019 10:19

Instrument :

MSVOA_L

ClientSampleId :

SSG-2

Tot Ion: 91 Resp: 854339

Ion Ratio Lower Upper

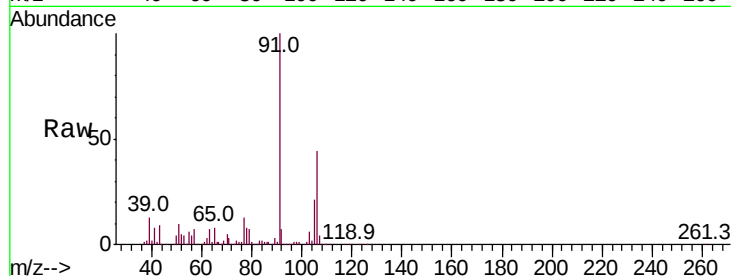
91 100

106 46.3 35.8 53.6

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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

13.11

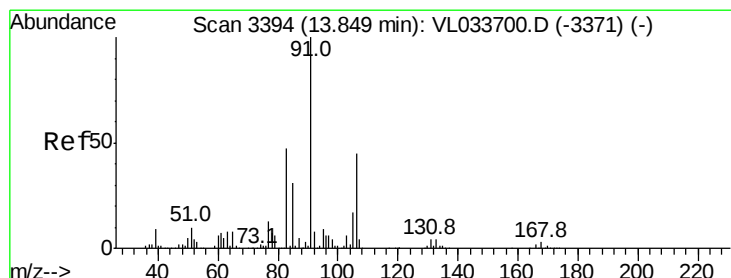
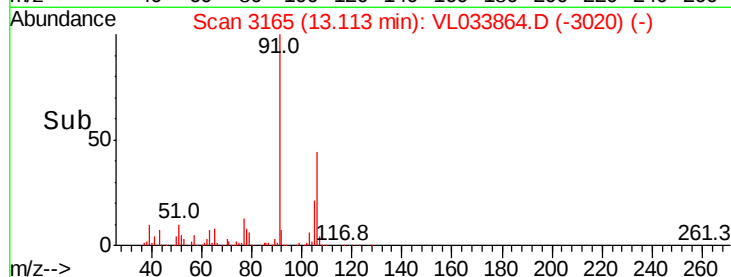
300000

200000

100000

0

Time-->



#60

o-Xylene

Concen: 1.215 ppbv

RT: 13.84 min Scan# 3392

Delta R.T. -0.01 min

Lab File: VL033864.D

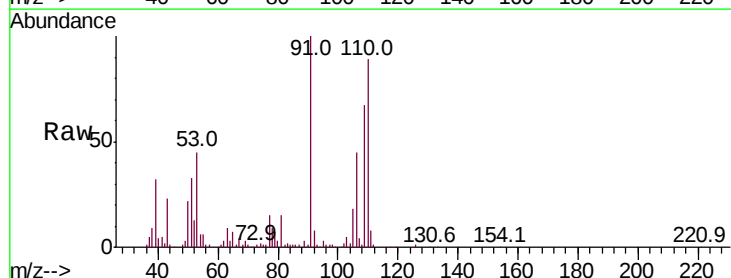
Acq: 30 May 2019 10:19

Tgt Ion: 91 Resp: 296494

Ion Ratio Lower Upper

91 100

106 44.6 21.6 64.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

13.84

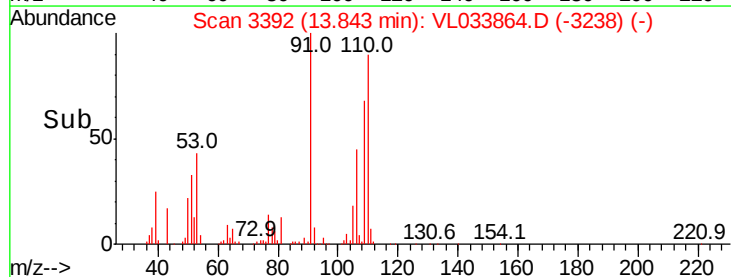
150000

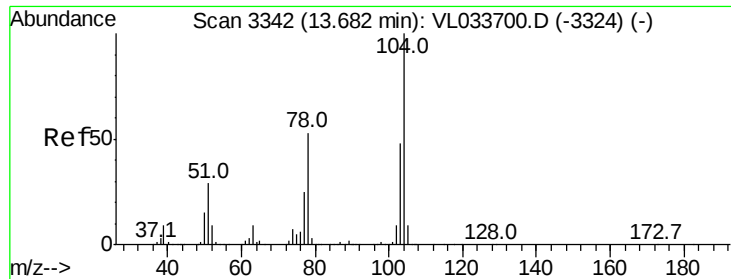
100000

50000

0

Time-->





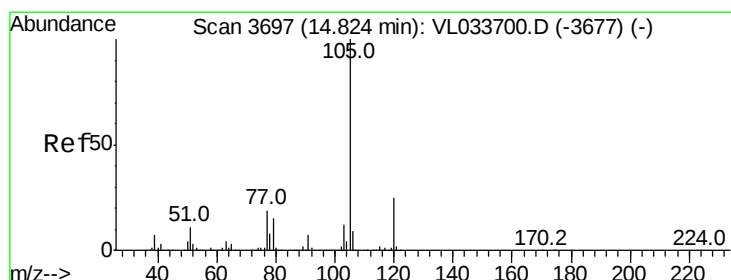
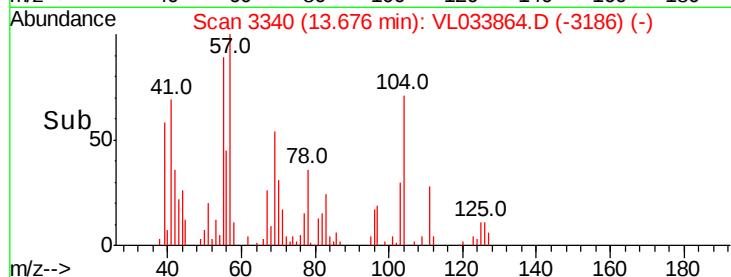
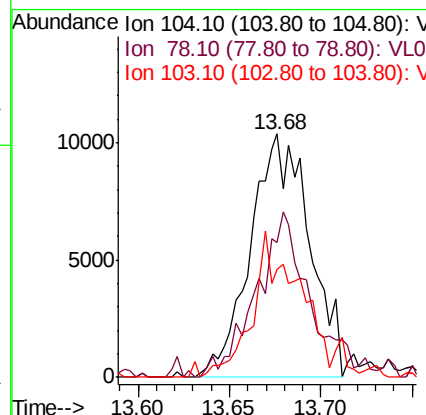
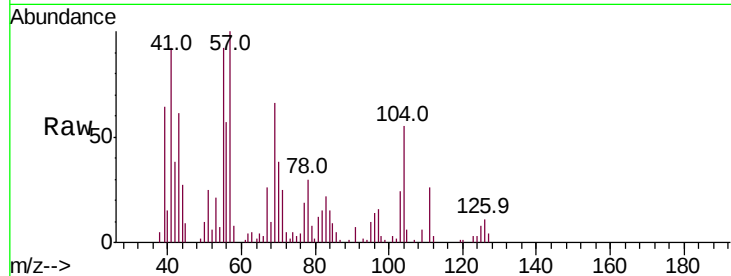
#61
Stvrene
Concen: 0.142 ppbv m
RT: 13.68 min Scan# 3340
Delta R.T. -0.01 min
Lab File: VL033864.D
Acq: 30 May 2019 10:19

Instrument :
MSVOA_L
ClientSampled :
SSG-2

Tot Ion	Ratio	Lower	Upper
104	100		
78	67.0	42.6	64.0#
103	0.0	37.8	56.6#

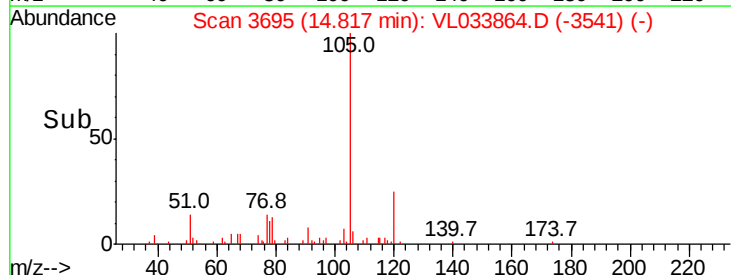
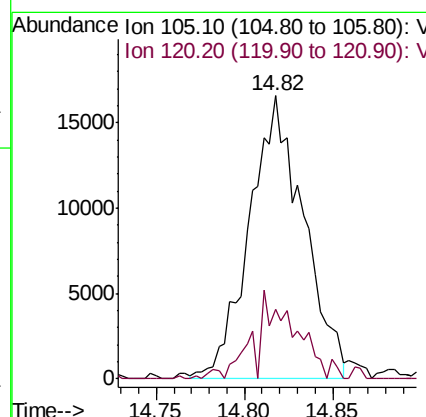
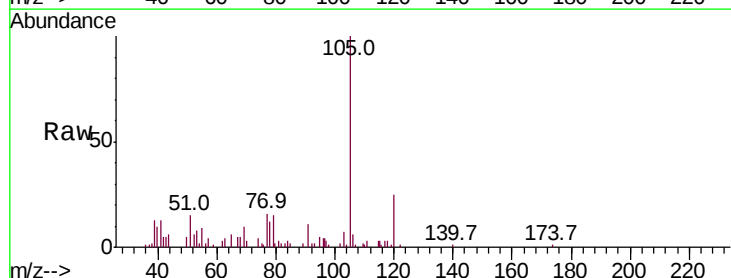
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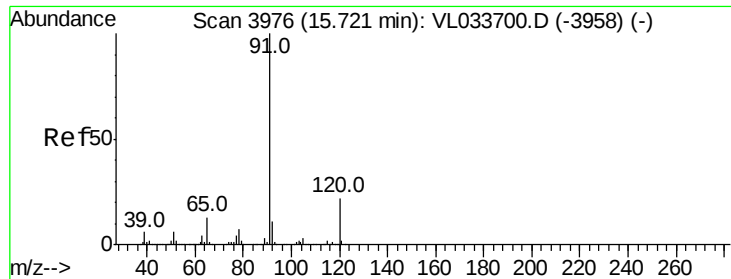
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#62
Isopropylbenzene
Concen: 0.108 ppbv m
RT: 14.82 min Scan# 3695
Delta R.T. -0.01 min
Lab File: VL033864.D
Acq: 30 May 2019 10:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.1	30.1





#64

n-propylbenzene

Concen: 0.196 ppbv m

RT: 15.72 min Scan# 3975

Delta R.T. -0.00 min

Lab File: VL033864.D

Acq: 30 May 2019 10:19

Instrument :

MSVOA_L

ClientSampleId :

SSG-2

Tot Ion:120 Resp: 16630

Ion Ratio Lower Upper

120 100

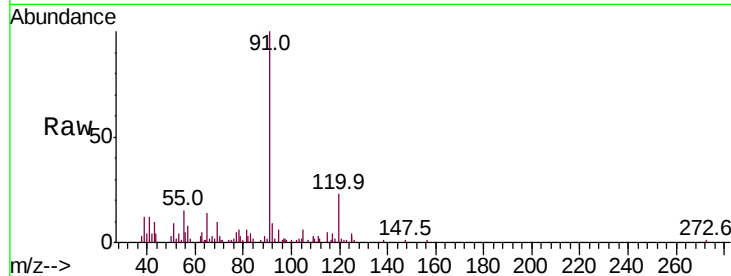
91 518.4 379.1 568.7

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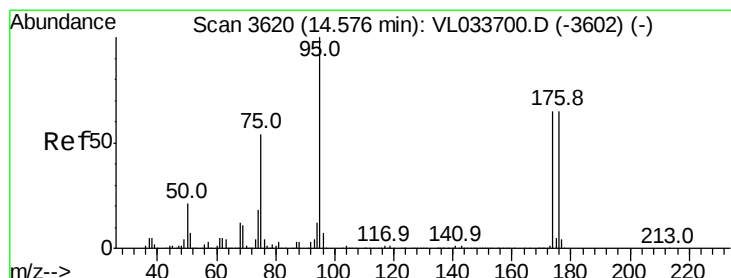
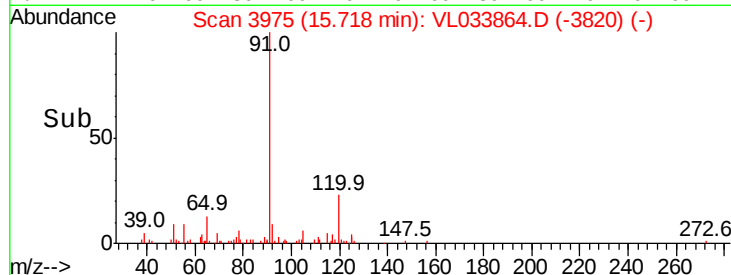
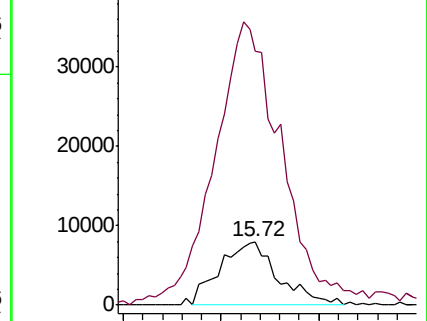
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Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#68

1-Bromo-4-Fluorobenzene

Concen: 9.884 ppbv

RT: 14.57 min Scan# 3617

Delta R.T. -0.01 min

Lab File: VL033864.D

Acq: 30 May 2019 10:19

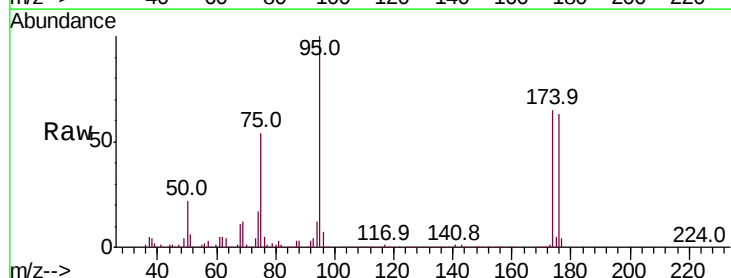
Tgt Ion: 95 Resp: 1675695

Ion Ratio Lower Upper

95 100

174 67.9 53.9 80.9

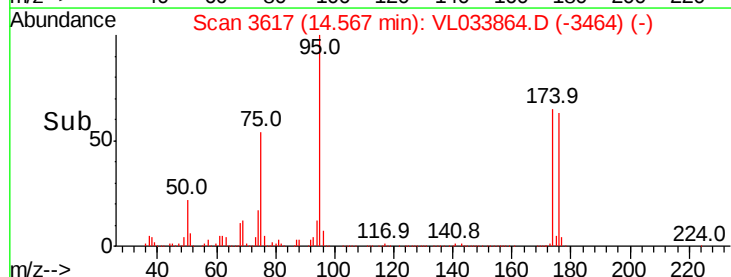
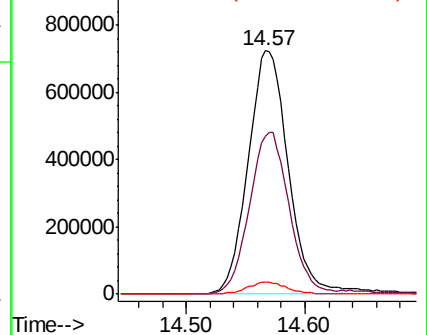
175 4.9 3.8 5.8

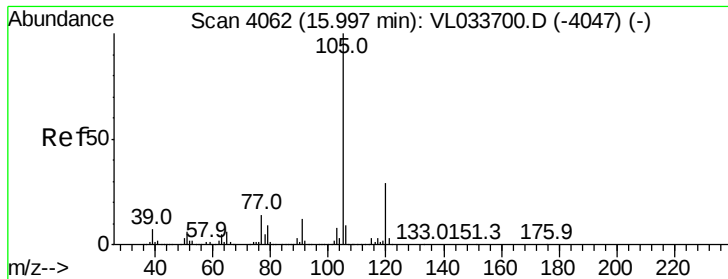


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#72

4-Ethyltoluene

Concen: 0.348 ppbv m

RT: 15.99 min Scan# 4061

Delta R.T. -0.00 min

Lab File: VL033864.D

Acq: 30 May 2019 10:19

Instrument :

MSVOA_L

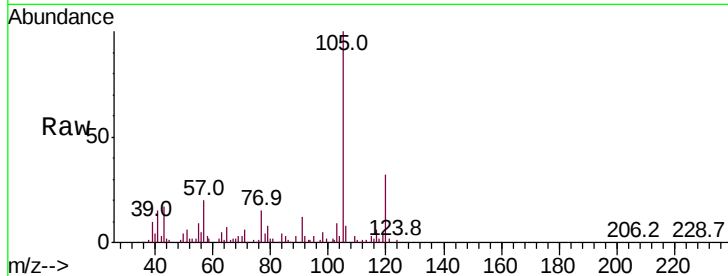
ClientSampleId :

SSG-2

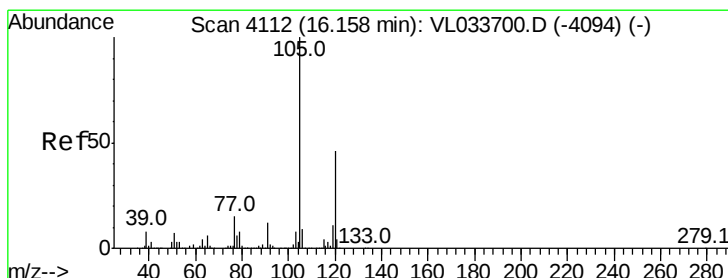
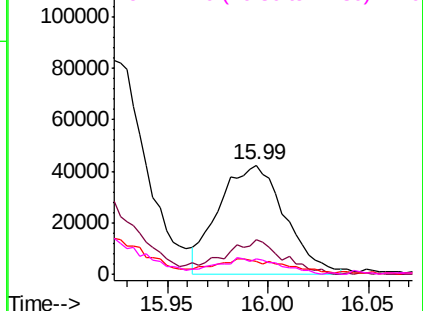
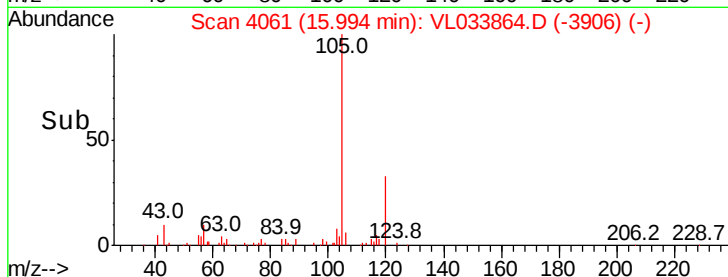
Tot Ion:	105	Resp:	97160
Ion Ratio	Lower	Upper	
105	100		
120	29.3	23.1	34.7
91	0.0	10.4	15.6#
77	0.0	11.0	16.6#

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Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V
Ion 91.10 (90.80 to 91.80): VL0
Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 0.292 ppbv

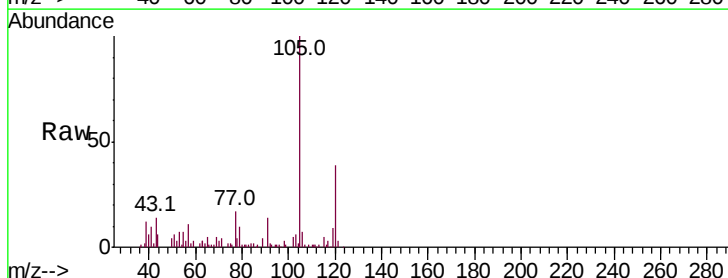
RT: 16.15 min Scan# 4110

Delta R.T. -0.01 min

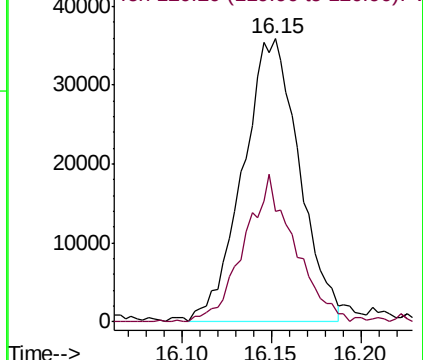
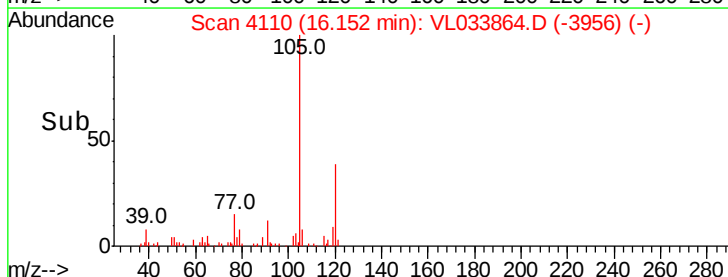
Lab File: VL033864.D

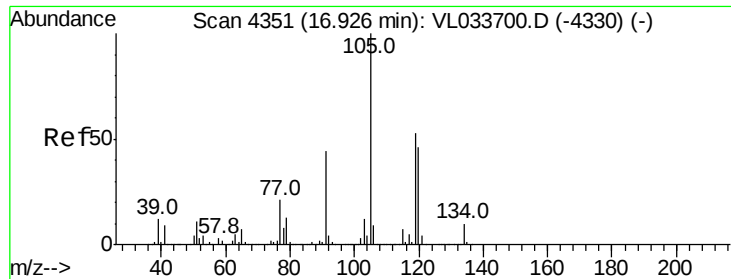
Acq: 30 May 2019 10:19

Tgt Ion:	105	Resp:	79532
Ion Ratio	Lower	Upper	
105	100		
120	39.0	37.0	55.4



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





#74

1,2,4-Trimethylbenzene

Concen: 1.149 ppbv

RT: 16.91 min Scan# 4347

Delta R.T. -0.01 min

Lab File: VL033864.D

Acq: 30 May 2019 10:19

Instrument :

MSVOA_L

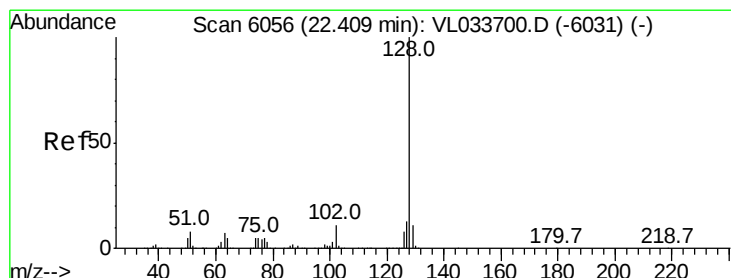
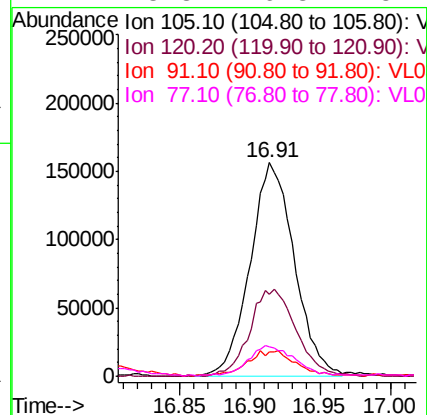
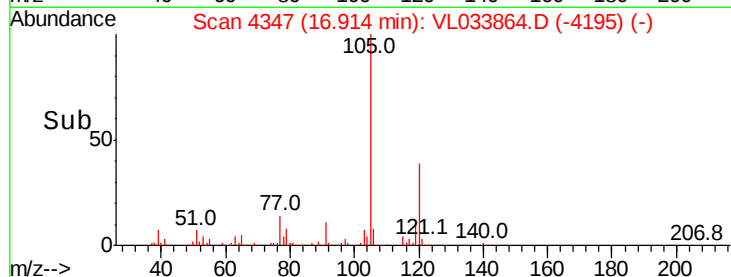
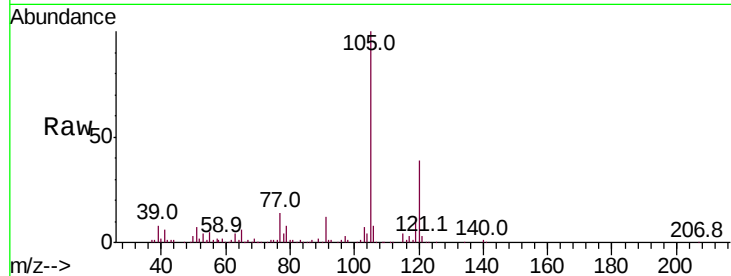
ClientSampleId :

SSG-2

Tot Ion	Ratio	Resp	Lower	Upper
105	100	340330		
120	38.6		36.8	55.2
91	11.5		35.4	53.0#
77	13.3		16.8	25.2#

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#79

Naphthalene

Concen: 1.067 ppbv

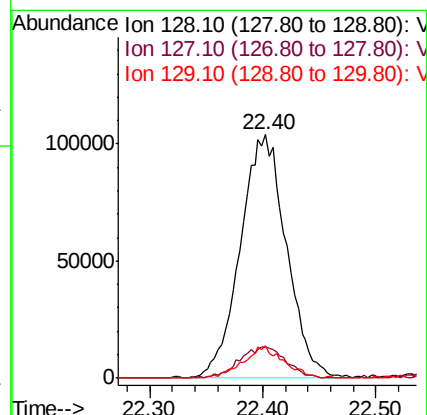
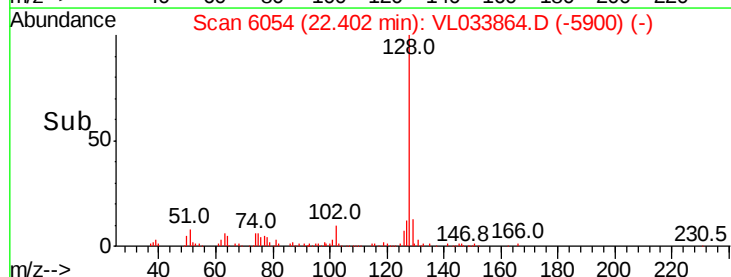
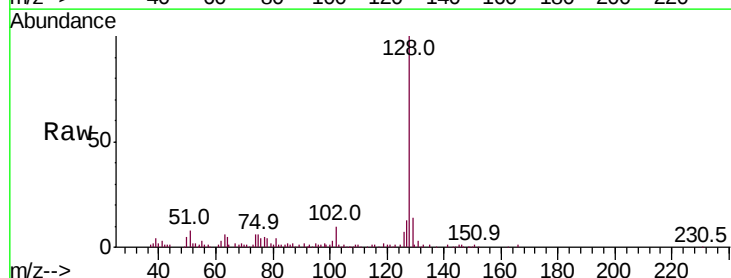
RT: 22.40 min Scan# 6054

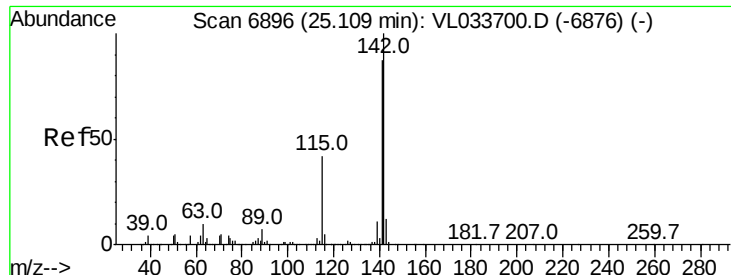
Delta R.T. -0.01 min

Lab File: VL033864.D

Acq: 30 May 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	293700		
127	11.9		10.6	16.0
129	14.7		8.9	13.3#





#80
 Naphthalene, 2-methyl-
 Concen: 0.172 ppbv
 RT: 25.11 min Scan# 6895
 Delta R.T. -0.00 min
 Lab File: VL033864.D
 Acq: 30 May 2019 10:19

Instrument :
 MSVOA_L
 ClientSampleId :
 SSG-2

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	92.2	67.2	100.8
115	65.1	34.1	51.1

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