

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL103018\
 Data File : VL032709.D
 Acq On : 30 Oct 2018 21:58
 Operator : SY/AP
 Sample : J5693-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DUP

Manual Integrations
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MMDadoda
 10/31/2018 10:40:09 AM

Quant Time: Oct 31 06:59:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 2
 QLast Update : Thu Oct 25 05:15:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1307163	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	3448553	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3367770	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2621610	10.45	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	94672	0.711	ppbv	95
3) Chlorodifluoromethane	3.02	51	30823	0.302	ppbv	97
9) Propene	3.05	41	164125m	3.901	ppbv	
10) Heptane	8.26	43	511212	3.153	ppbv	99
11) Trichlorofluoromethane	4.02	101	38283	0.220	ppbv	93
13) Ethanol	3.66	45	441309	36.702	ppbv	98
15) Acetone	3.91	43	3097141	25.658	ppbv	94
17) tert-Butyl alcohol	4.38	59	298078	8.396	ppbv #	100
20) Methylene Chloride	4.43	84	65843	1.075	ppbv	95
26) Hexane	5.80	57	520458	3.959	ppbv #	42
27) Carbon Disulfide	4.63	76	927539	5.816	ppbv	96
28) Methyl tert-Butyl Ether	5.14	73	79013	0.418	ppbv	97
29) Chloroform	5.86	83	52342	0.249	ppbv	89
30) Cyclohexane	7.26	84	276493	2.657	ppbv	91
32) 1,1,1-Trichloroethane	6.63	97	58994	0.276	ppbv	96
34) 2-Butanone	5.35	43	209105	1.131	ppbv	99
35) Carbon Tetrachloride	7.15	117	25717m	0.105	ppbv	
36) Benzene	7.02	78	1306446	4.665	ppbv	99
38) Trichloroethene	7.98	130	79085	0.763	ppbv	88
44) 2,2,4-Trimethylpentane	8.00	57	1324519	2.771	ppbv #	85
52) Tetrachloroethene	11.39	164	729083	7.468	ppbv	96
53) Toluene	9.96	91	7259361	22.614	ppbv	99
58) Ethyl Benzene	12.88	91	1244605	3.181	ppbv	99
59) m/p-Xylene	13.14	91	4088009	11.734	ppbv	98
60) o-Xylene	13.86	91	1379718	4.105	ppbv	100
61) Styrene	13.70	104	68930m	0.306	ppbv	
62) Isopropylbenzene	14.84	105	54204m	0.114	ppbv	
64) n-propylbenzene	15.74	120	39658	0.335	ppbv	82
65) tert-Butylbenzene	16.94	119	68130m	0.168	ppbv	
72) 4-Ethyltoluene	16.01	105	237109	0.662	ppbv	97
73) 1,3,5-Trimethylbenzene	16.17	105	177268	0.508	ppbv	94
74) 1,2,4-Trimethylbenzene	16.94	105	627204	1.685	ppbv #	76
79) Naphthalene	22.43	128	187667m	0.811	ppbv	
80) Naphthalene,2-methyl-	25.13	142	55197m	0.981	ppbv	

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

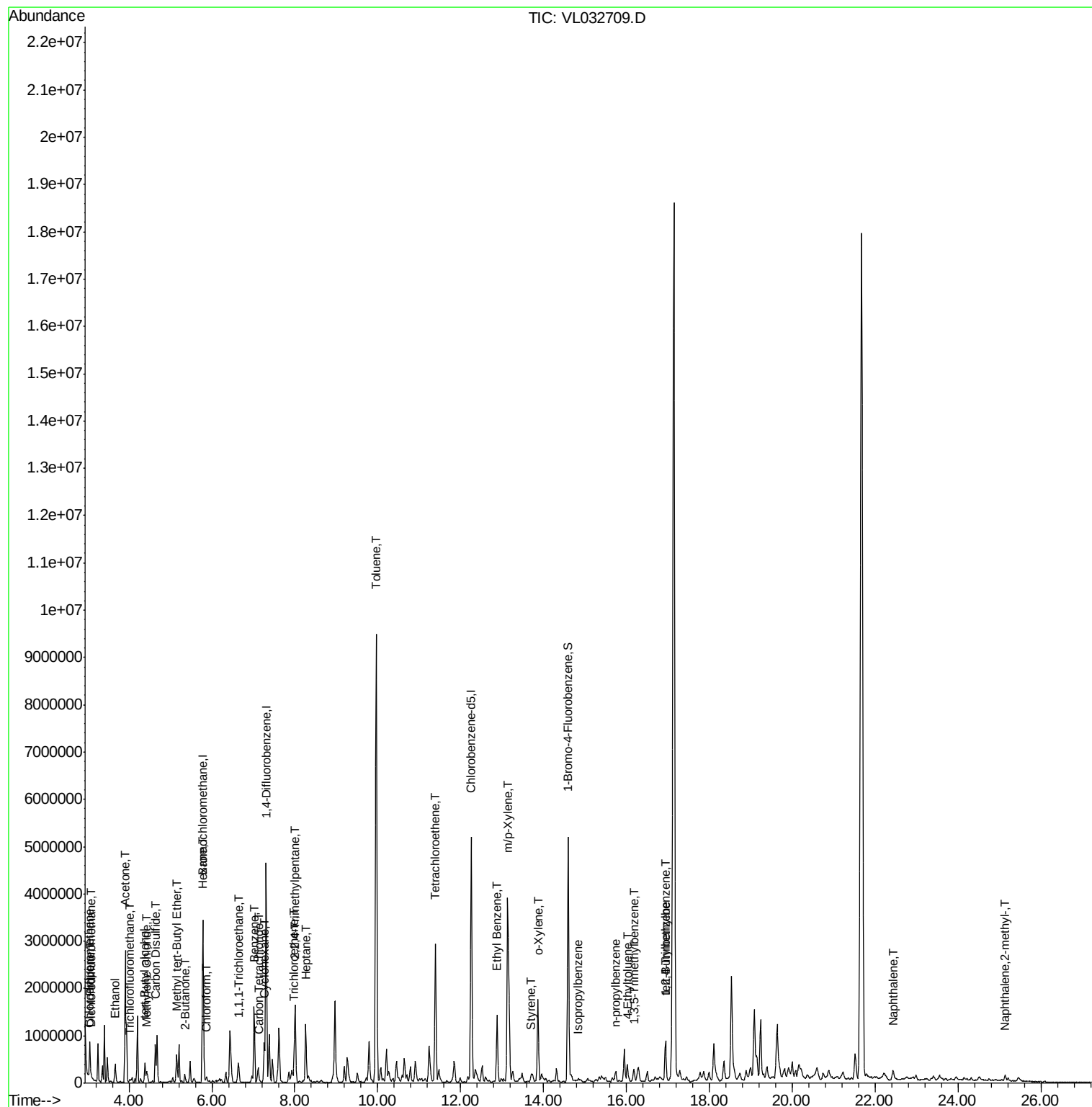
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL103018\
Data File : VL032709.D
Acq On : 30 Oct 2018 21:58
Operator : SY/AP
Sample : J5693-01DUP
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

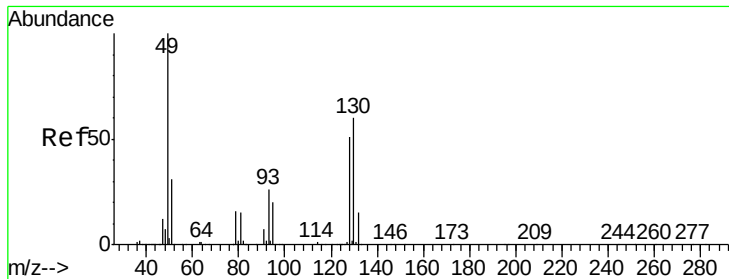
Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Manual Integrations
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Quant Time: Oct 31 06:59:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.78 min Scan# 883

Delta R.T. -0.00 min

Lab File: VL032709.D

Acq: 30 Oct 2018 21:58

Instrument :

MSVOA_L

ClientSampleId :

SS-1DUP

Tot Ion: 49 Resp: 1307163

Ion Ratio Lower Upper

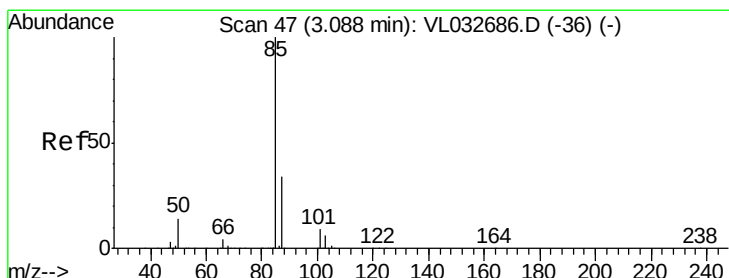
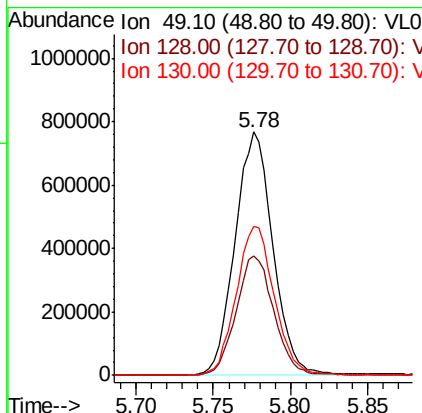
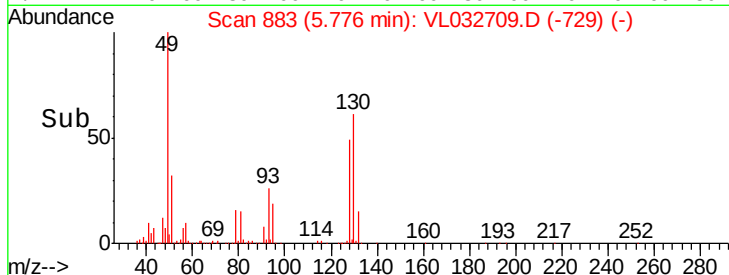
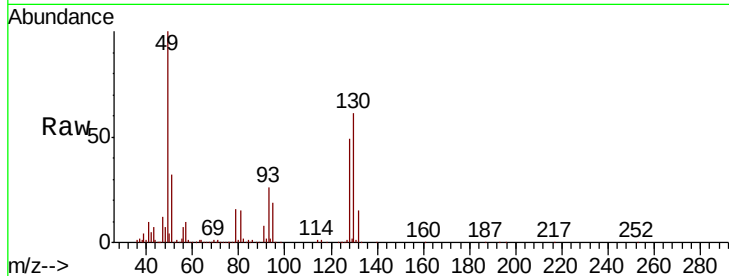
49 100

128 49.2 22.3 66.8

130 62.1 28.4 85.3

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#2

Dichlorodifluoromethane

Concen: 0.711 ppbv

RT: 3.08 min Scan# 46

Delta R.T. -0.00 min

Lab File: VL032709.D

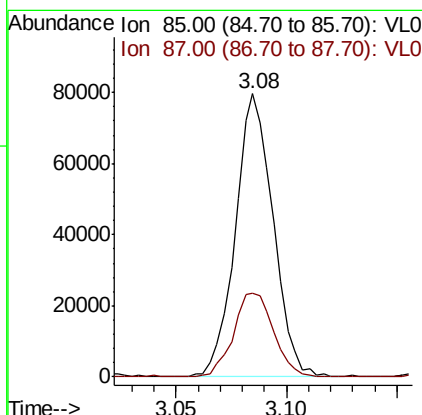
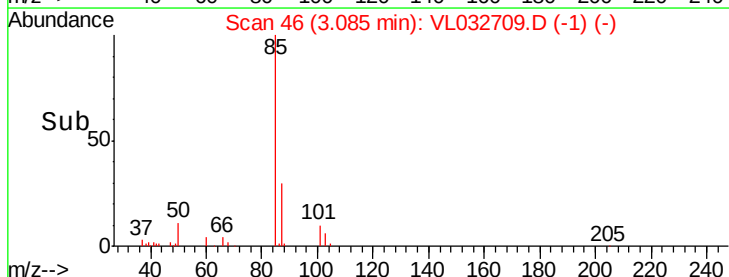
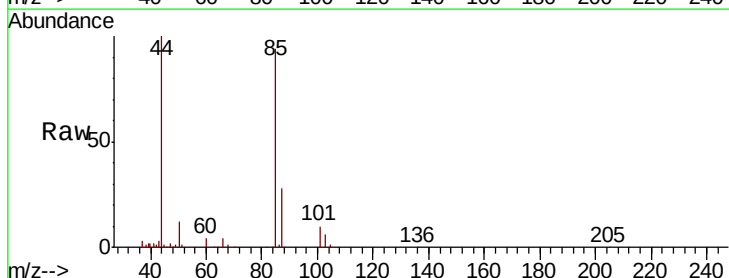
Acq: 30 Oct 2018 21:58

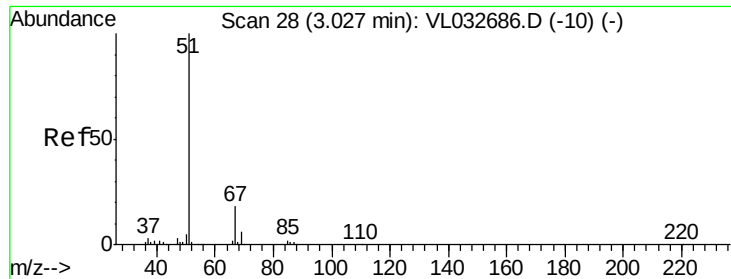
Tgt Ion: 85 Resp: 94672

Ion Ratio Lower Upper

85 100

87 29.6 26.2 39.2





#3

Chlorodifluoromethane

Concen: 0.302 ppbv

RT: 3.02 min Scan# 27

Delta R.T. -0.00 min

Lab File: VL032709.D

Acq: 30 Oct 2018 21:58

Instrument :

MSVOA_L

ClientSampleId :

SS-1DUP

Tot Ion: 51 Resp: 30823

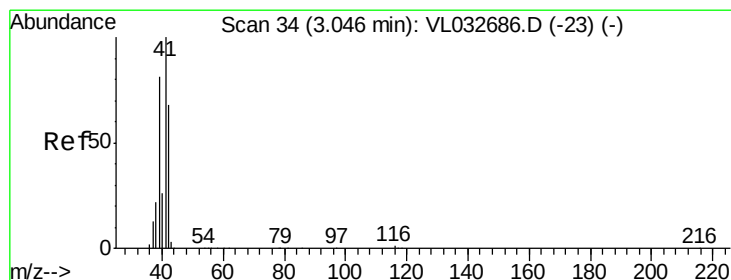
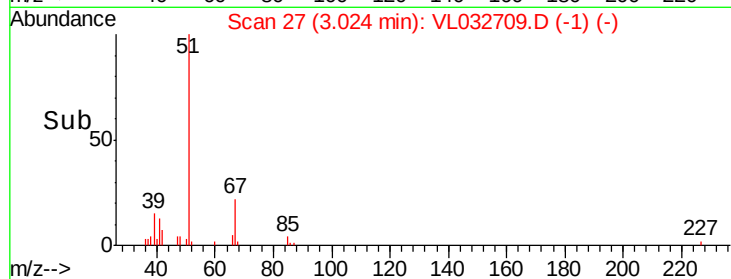
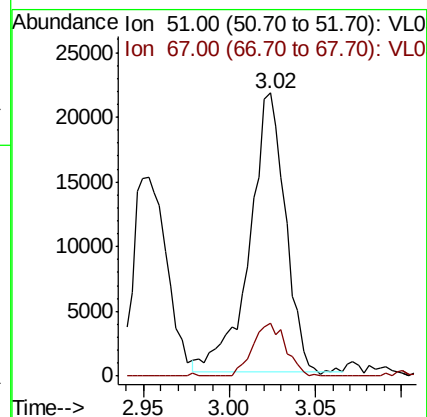
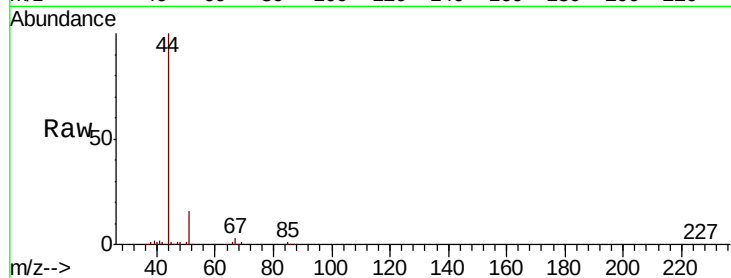
Ion Ratio Lower Upper

51 100

67 17.7 15.2 22.8

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#9

Propene

Concen: 3.901 ppbv m

RT: 3.05 min Scan# 35

Delta R.T. 0.01 min

Lab File: VL032709.D

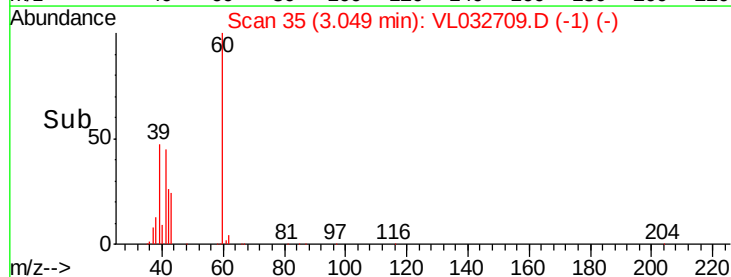
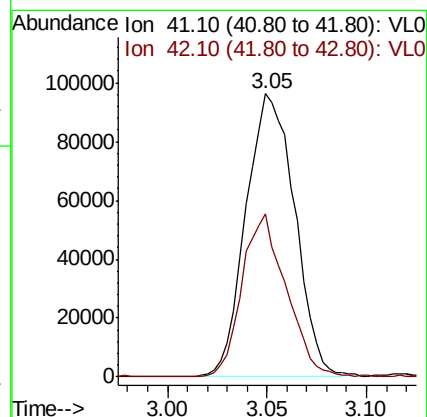
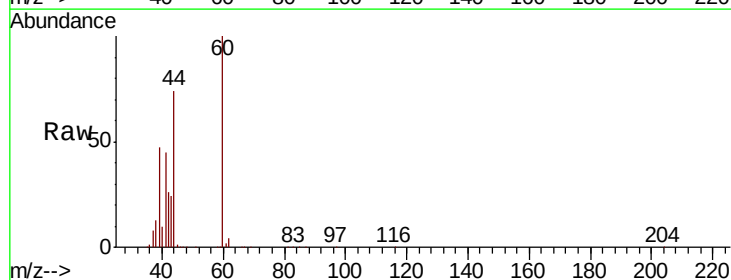
Acq: 30 Oct 2018 21:58

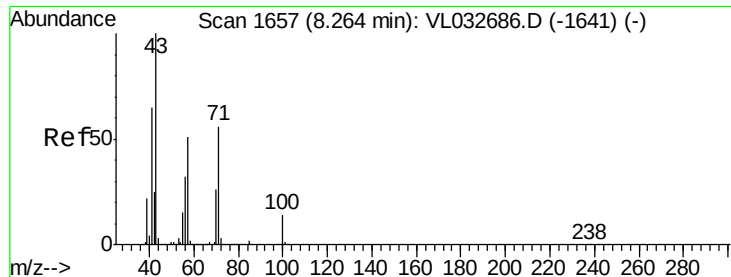
Tgt Ion: 41 Resp: 164125

Ion Ratio Lower Upper

41 100

42 84.3 55.4 83.0#





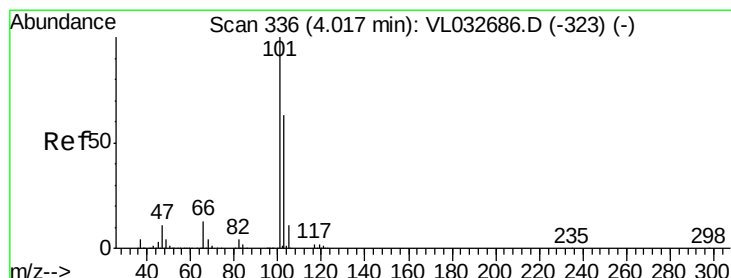
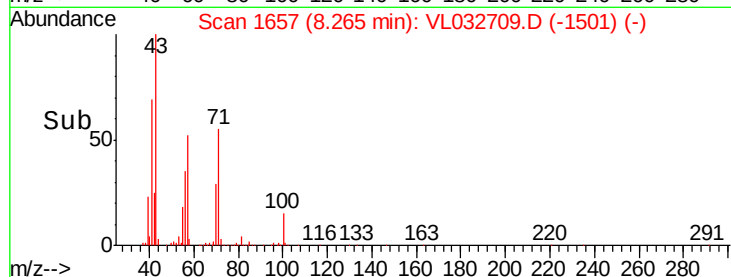
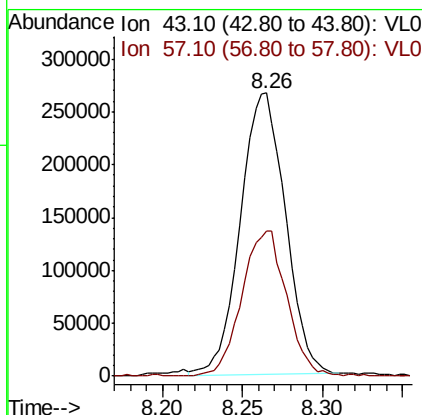
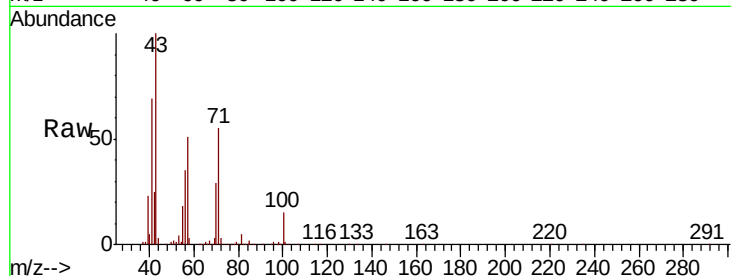
#10
 Heptane
 Concen: 3.153 ppbv
 RT: 8.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VL032709.D
 Acq: 30 Oct 2018 21:58

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DUP

Tot Ion: 43 Resp: 511212
 Ion Ratio Lower Upper
 43 100
 57 51.0 41.5 62.3

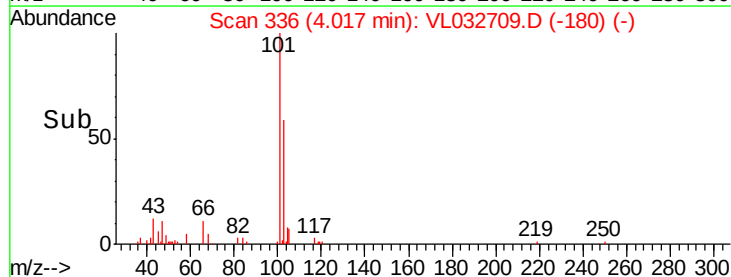
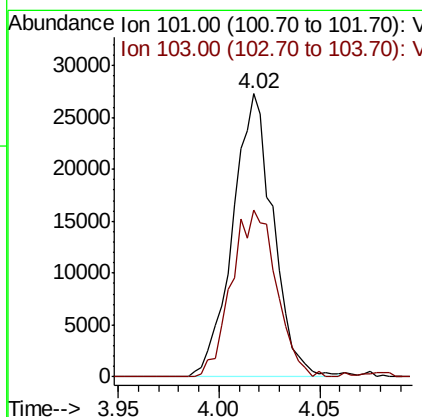
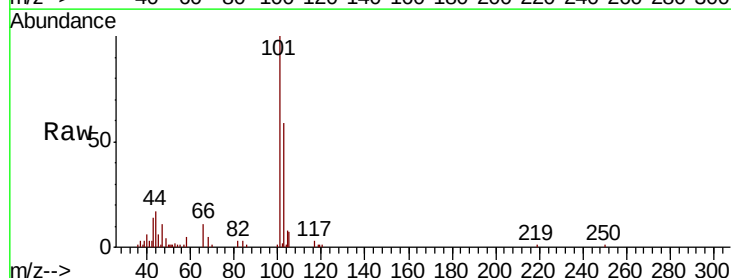
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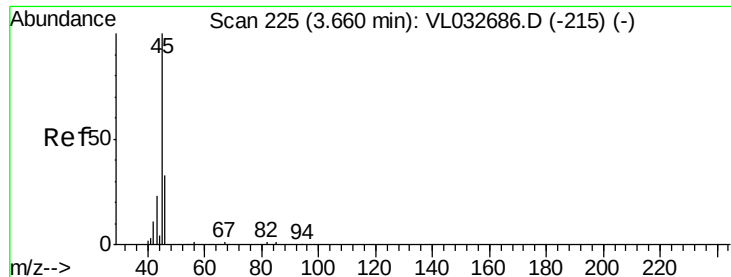
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#11
 Trichlorofluoromethane
 Concen: 0.220 ppbv
 RT: 4.02 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VL032709.D
 Acq: 30 Oct 2018 21:58

Tgt Ion: 101 Resp: 38283
 Ion Ratio Lower Upper
 101 100
 103 59.1 51.4 77.2





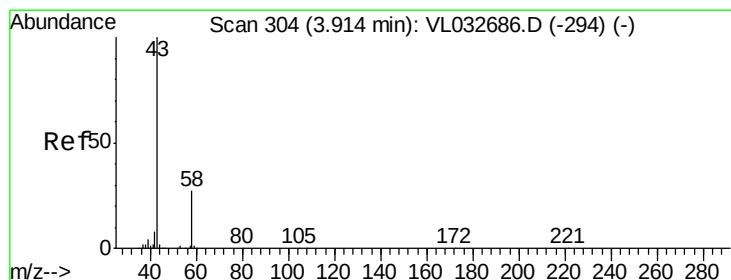
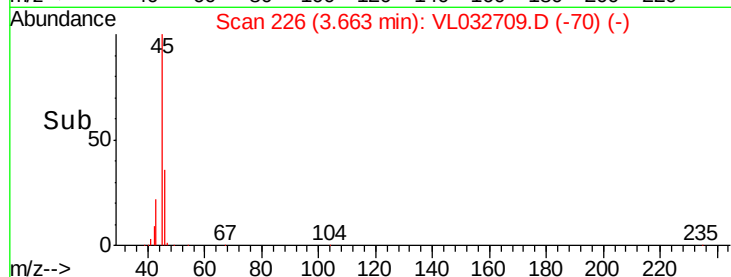
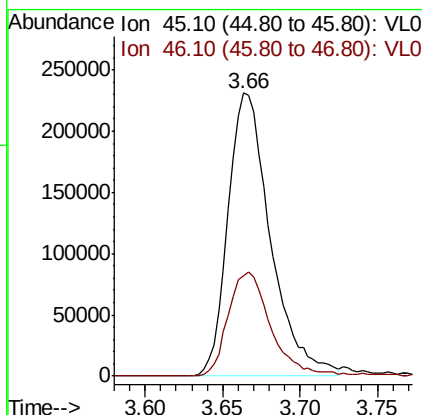
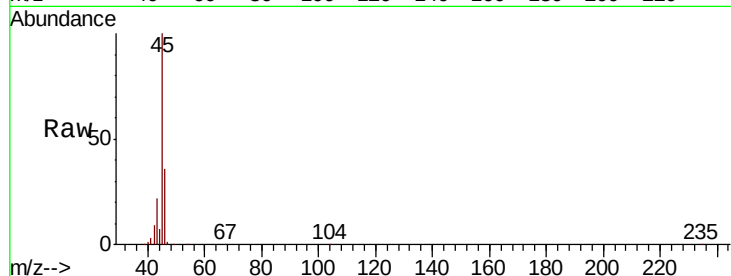
#13
Ethanol
Concen: 36.702 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.00 min
Lab File: VL032709.D
Acq: 30 Oct 2018 21:58

Instrument :
MSVOA_L
ClientSampled :
SS-1DUP

Tot Ion: 45 Resp: 441309
Ion Ratio Lower Upper
45 100
46 37.6 15.4 61.8

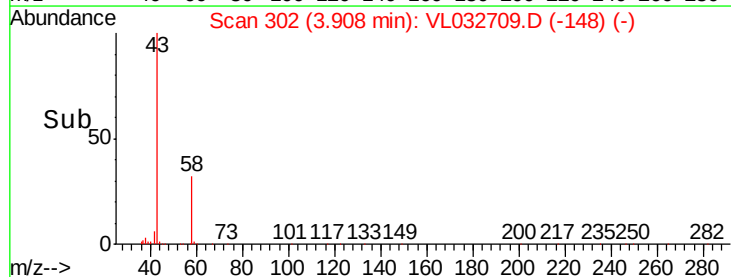
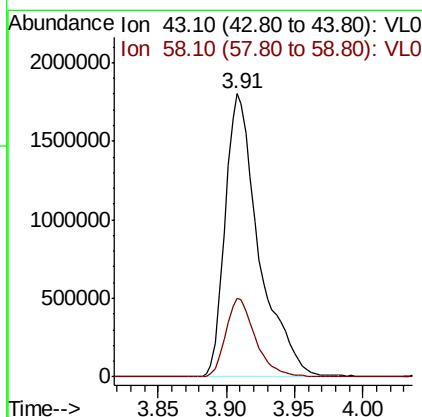
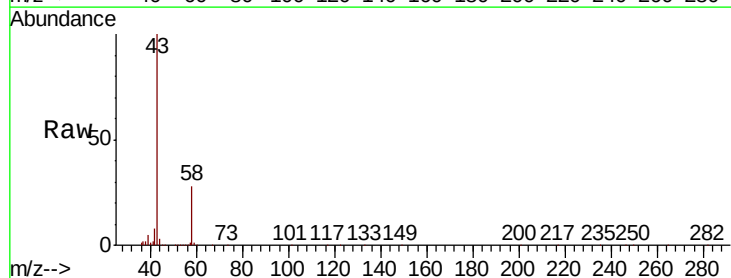
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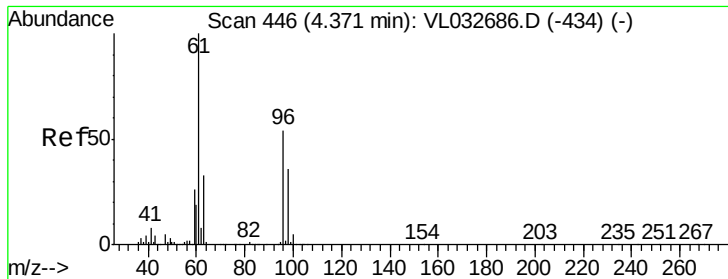
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#15
Acetone
Concen: 25.658 ppbv
RT: 3.91 min Scan# 302
Delta R.T. -0.00 min
Lab File: VL032709.D
Acq: 30 Oct 2018 21:58

Tgt Ion: 43 Resp: 3097141
Ion Ratio Lower Upper
43 100
58 24.6 22.1 33.1





#17

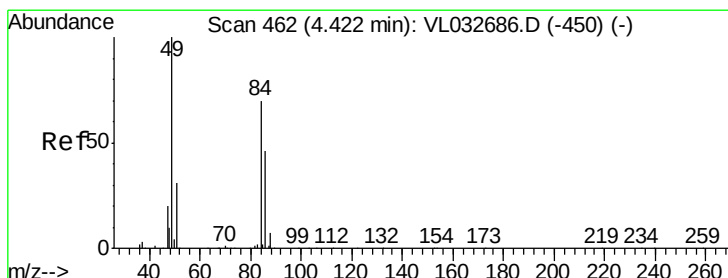
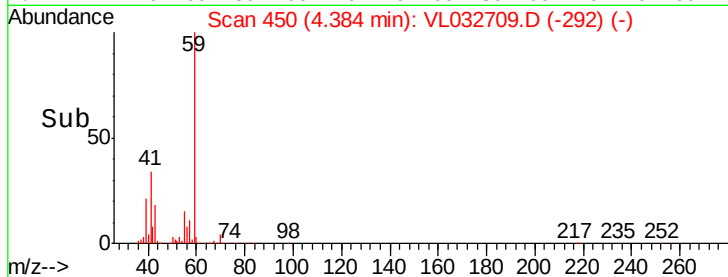
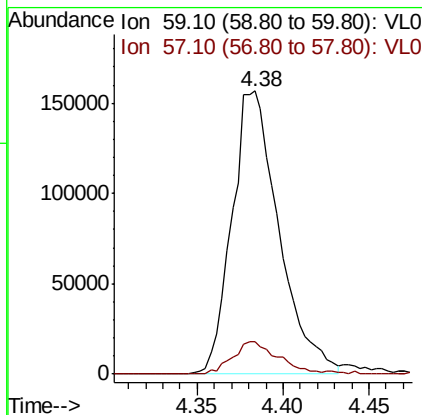
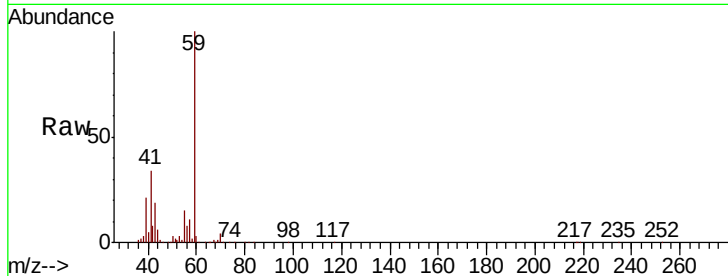
tert-Butyl alcohol
 Concen: 8.396 ppbv
 RT: 4.38 min Scan# 450
 Delta R.T. 0.01 min
 Lab File: VL032709.D
 Acq: 30 Oct 2018 21:58

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DUP

Tot Ion: 59 Resp: 298078
 Ion Ratio Lower Upper
 59 100
 57 11.8 0.0 0.0#

Manual Integrations
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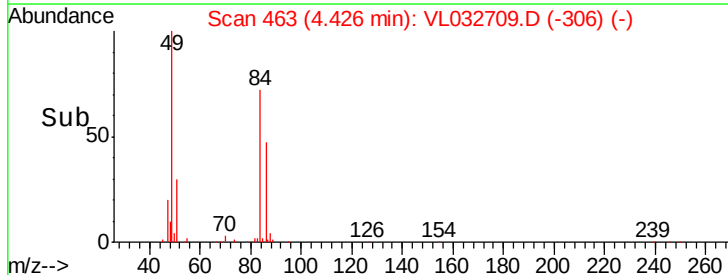
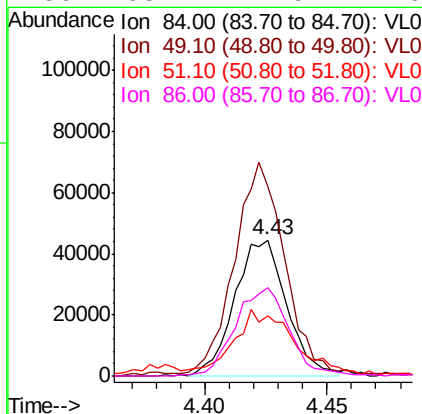
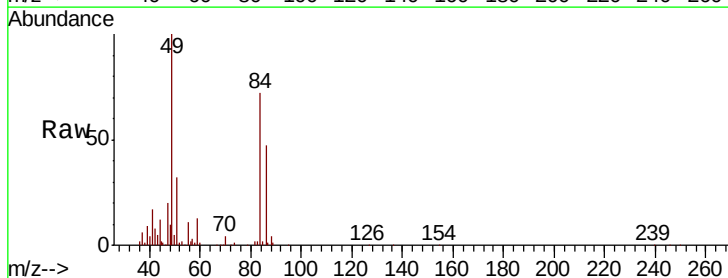
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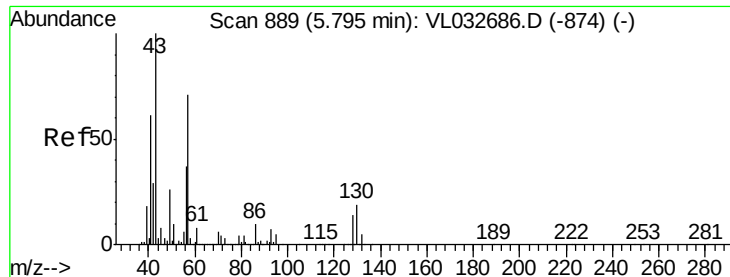


#20

Methylene Chloride
 Concen: 1.075 ppbv
 RT: 4.43 min Scan# 463
 Delta R.T. 0.01 min
 Lab File: VL032709.D
 Acq: 30 Oct 2018 21:58

Tgt Ion: 84 Resp: 65843
 Ion Ratio Lower Upper
 84 100
 49 135.9 113.5 170.3
 51 39.6 34.8 52.2
 86 63.7 47.9 71.9





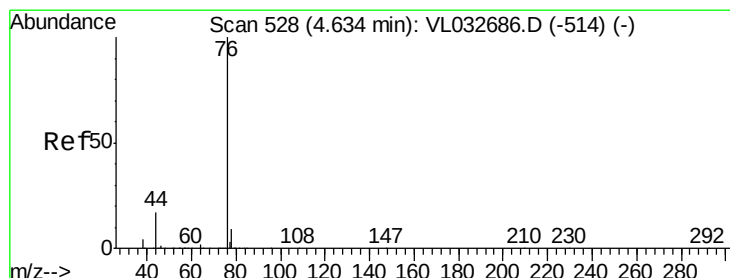
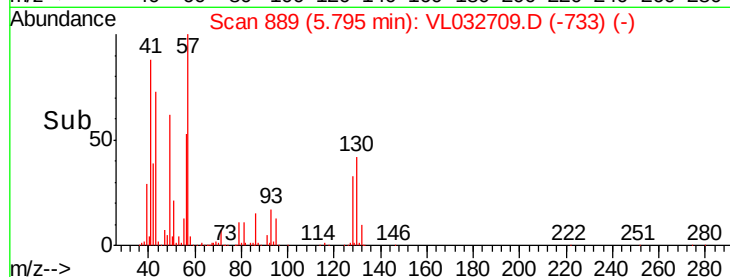
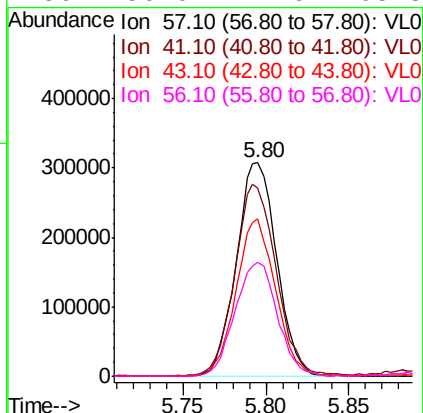
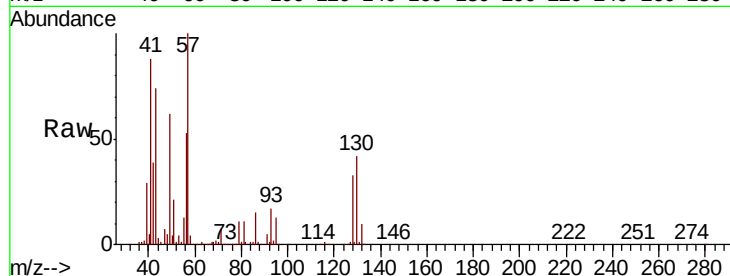
#26
Hexane
Concen: 3.959 ppbv
RT: 5.80 min Scan# 889
Delta R.T. 0.00 min
Lab File: VL032709.D
Acq: 30 Oct 2018 21:58

Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Tot Ion	Ratio	Lower	Upper
57	100		
41	92.6	67.4	101.0
43	71.9	171.9	257.9#
56	56.0	42.6	63.8

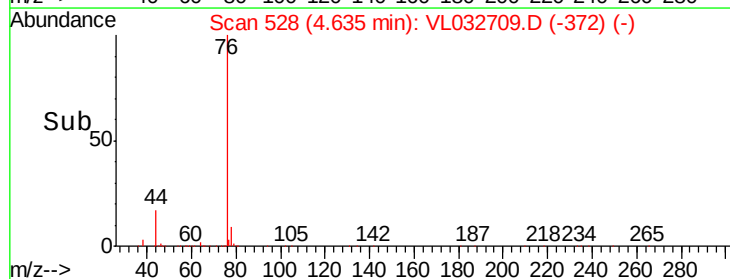
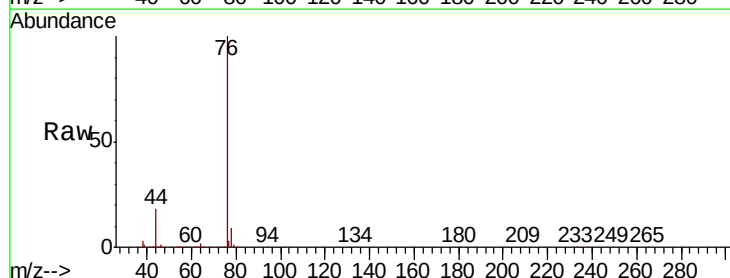
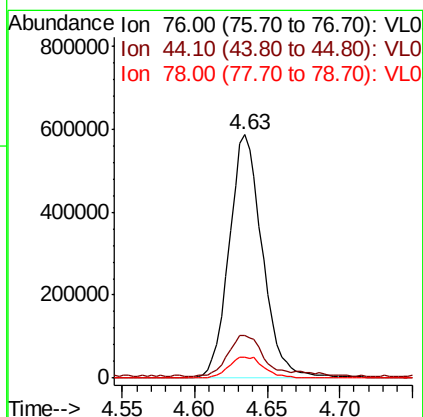
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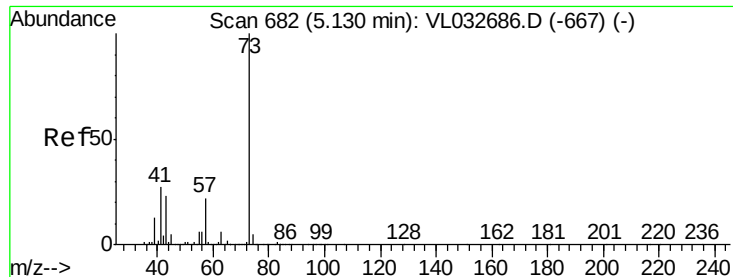
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#27
Carbon Disulfide
Concen: 5.816 ppbv
RT: 4.63 min Scan# 528
Delta R.T. 0.00 min
Lab File: VL032709.D
Acq: 30 Oct 2018 21:58

Tgt Ion	Ratio	Lower	Upper
76	100		
44	19.6	13.7	20.5
78	9.5	7.4	11.2





#28

Methyl tert-Butyl Ether

Concen: 0.418 ppbv

RT: 5.14 min Scan# 684

Delta R.T. 0.01 min

Lab File: VL032709.D

Acq: 30 Oct 2018 21:58

Instrument :

MSVOA_L

ClientSampled :

SS-1DUP

Tot Ion: 73 Resp: 79013

Ion Ratio Lower Upper

73 100

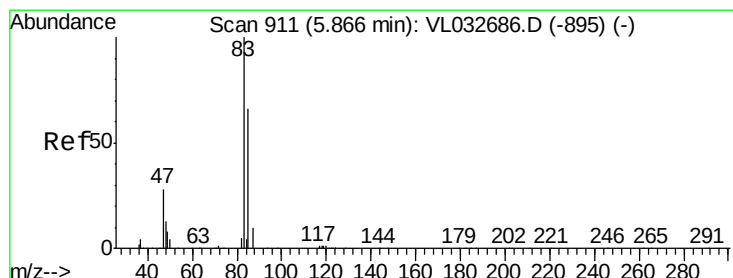
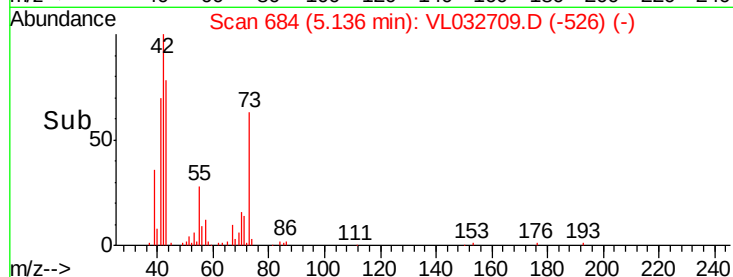
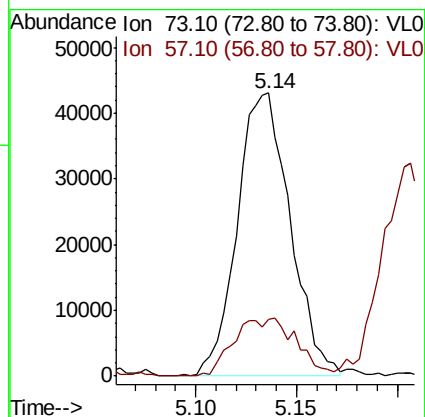
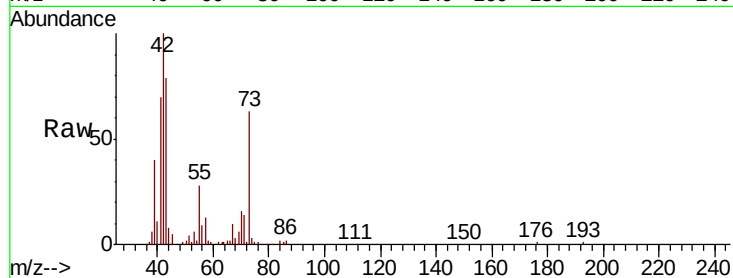
57 24.1 18.0 27.0

Manual Integrations

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#29

Chloroform

Concen: 0.249 ppbv

RT: 5.86 min Scan# 910

Delta R.T. -0.00 min

Lab File: VL032709.D

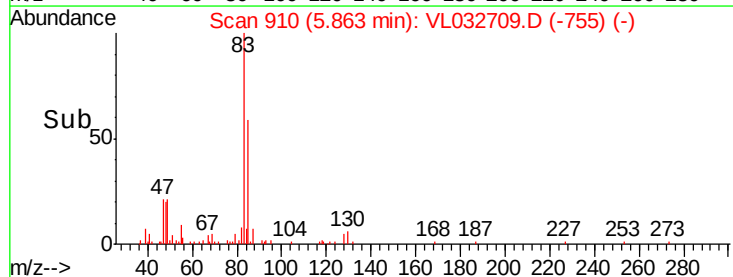
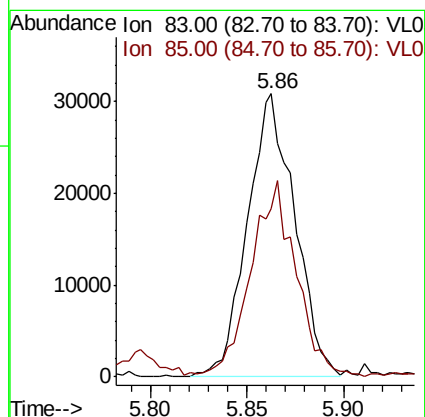
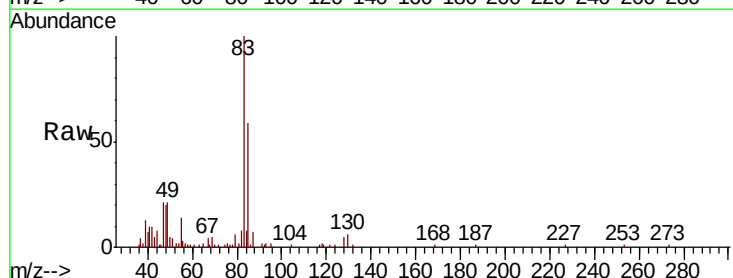
Acq: 30 Oct 2018 21:58

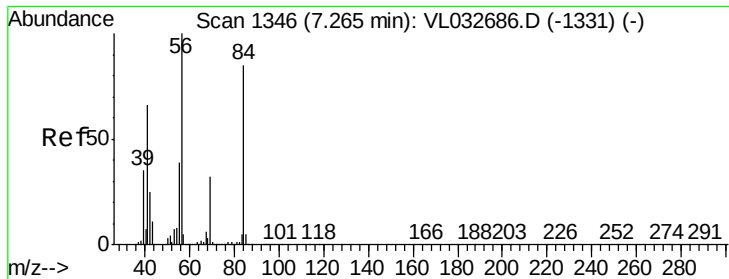
Tgt Ion: 83 Resp: 52342

Ion Ratio Lower Upper

83 100

85 57.9 53.0 79.6





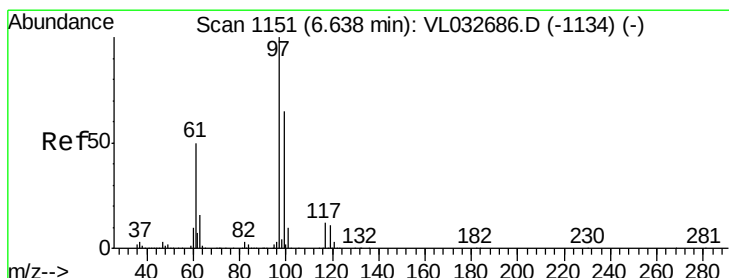
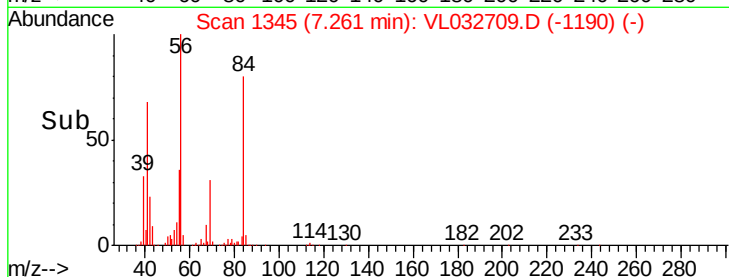
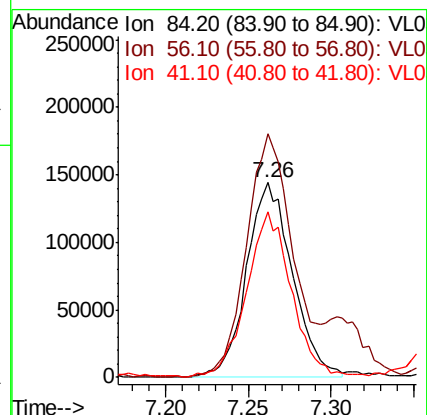
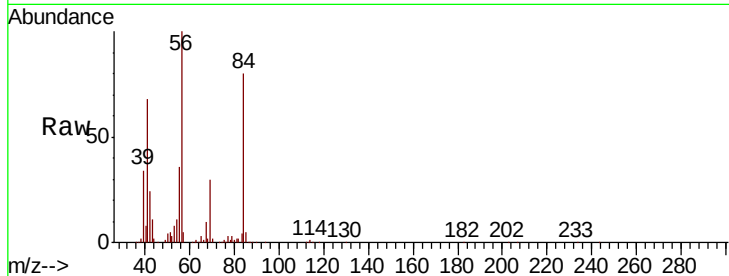
#30
Cyclohexane
Concen: 2.657 ppbv
RT: 7.26 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VL032709.D
Acq: 30 Oct 2018 21:58

Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Tot Ion	Ratio	Lower	Upper
84	100		
56	152.9	108.3	162.5
41	81.3	64.8	97.2

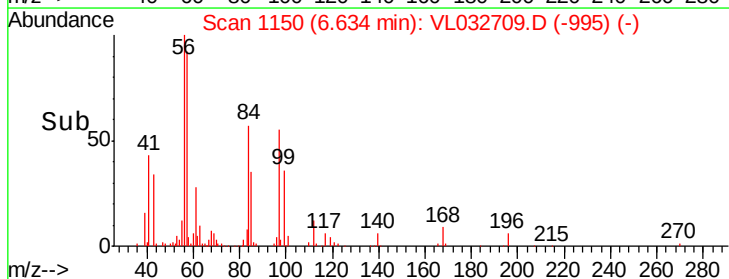
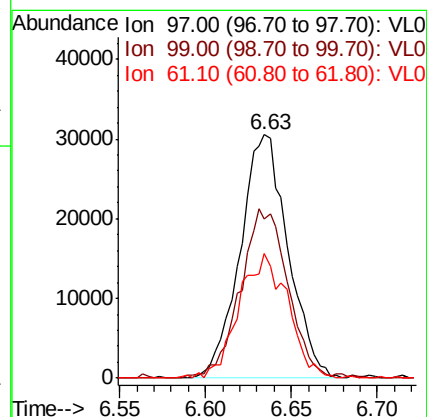
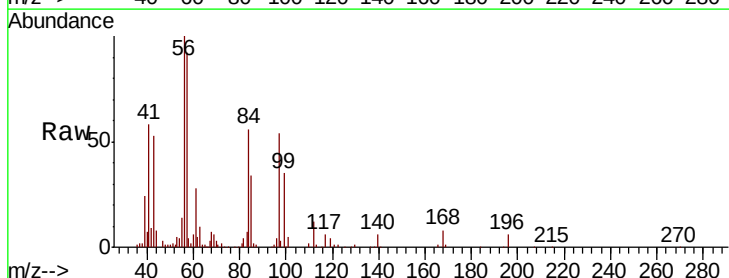
Manual Integrations
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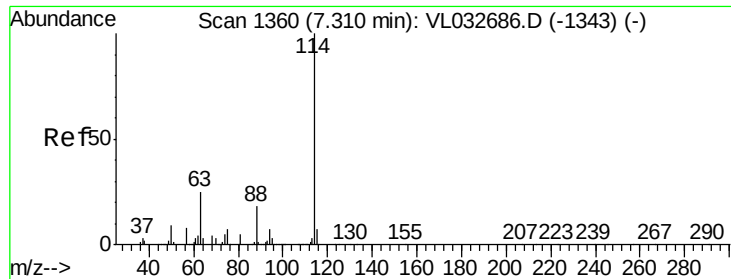
MMDadoda
10/31/2018 10:40:09 AM



#32
1,1,1-Trichloroethane
Concen: 0.276 ppbv
RT: 6.63 min Scan# 1150
Delta R.T. -0.00 min
Lab File: VL032709.D
Acq: 30 Oct 2018 21:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	69.7	52.0	78.0
61	52.4	40.7	61.1





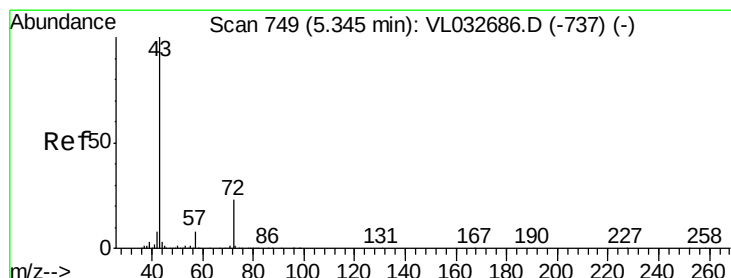
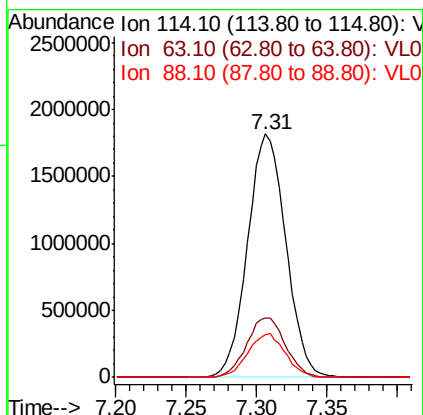
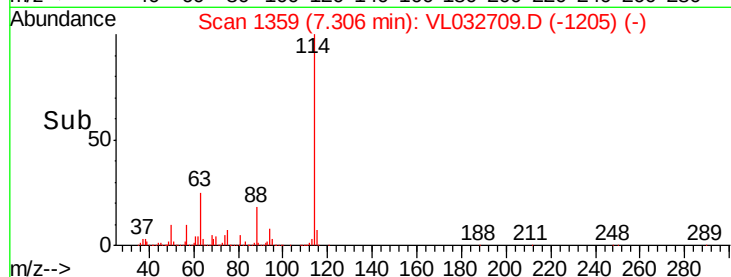
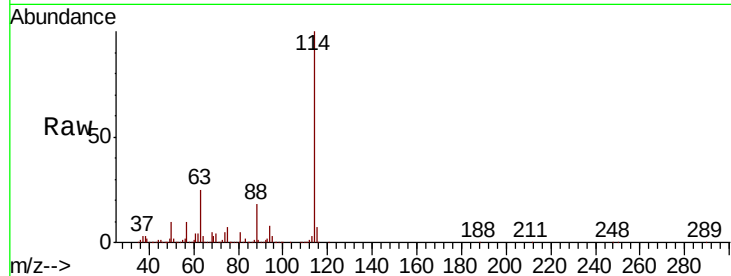
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.31 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VL032709.D
 Acq: 30 Oct 2018 21:58

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DUP

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.0	21.7	32.5
88	17.6	14.9	22.3

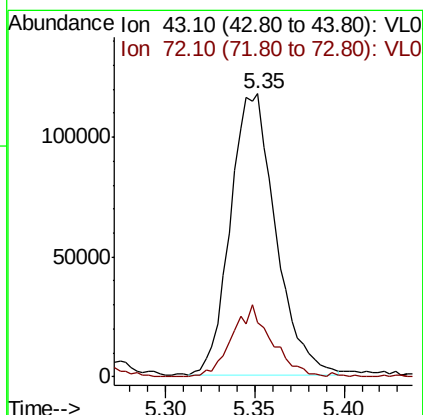
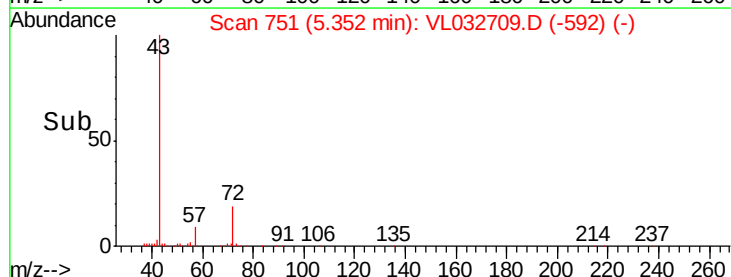
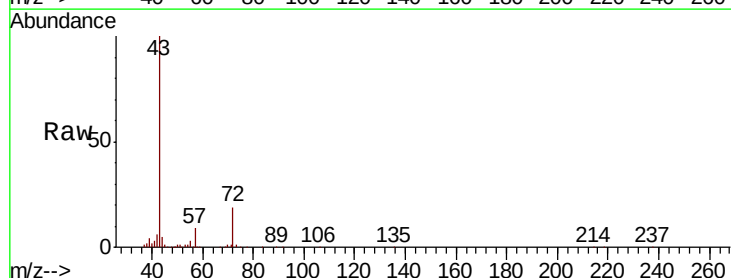
Manual Integrations
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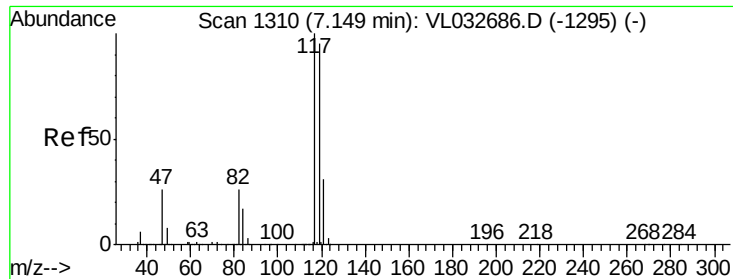
MMDadoda
 10/31/2018 10:40:09 AM



#34
 2-Butanone
 Concen: 1.131 ppbv
 RT: 5.35 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: VL032709.D
 Acq: 30 Oct 2018 21:58

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.8	18.6	27.8





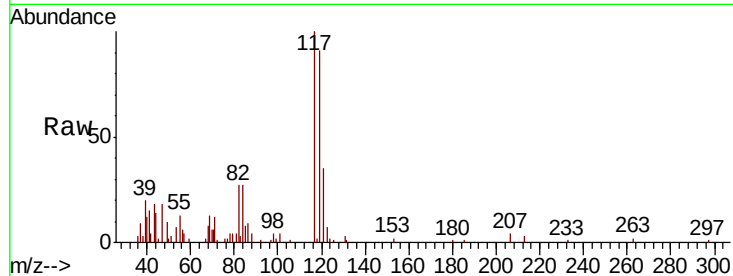
#35
Carbon Tetrachloride
Concen: 0.105 ppbv m
RT: 7.15 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VL032709.D
Acq: 30 Oct 2018 21:58

Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

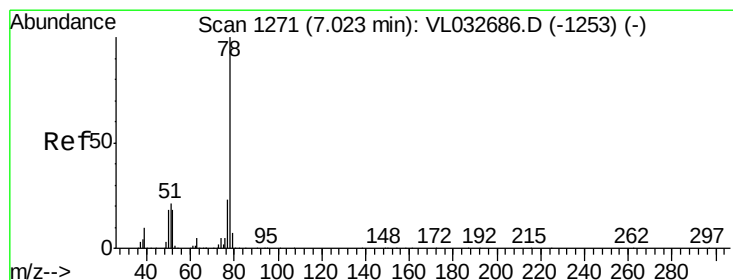
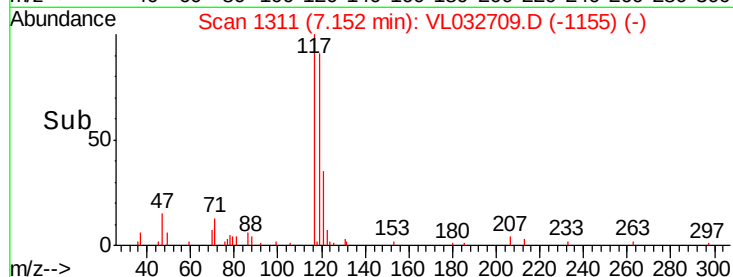
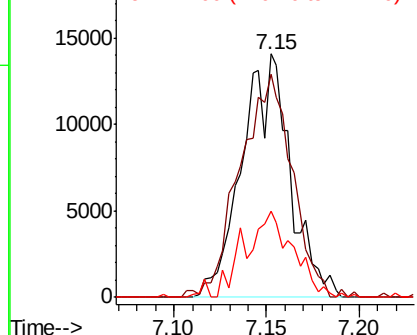
Tot Ion	Ratio	Lower	Upper
117	100		
119	91.5	75.7	113.5
121	35.5	24.7	37.1

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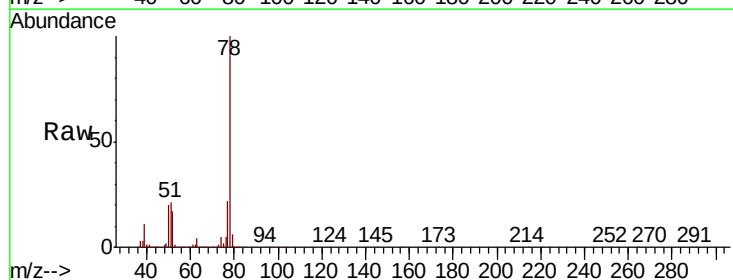


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

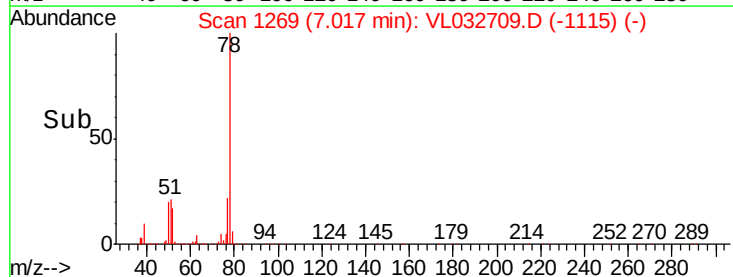
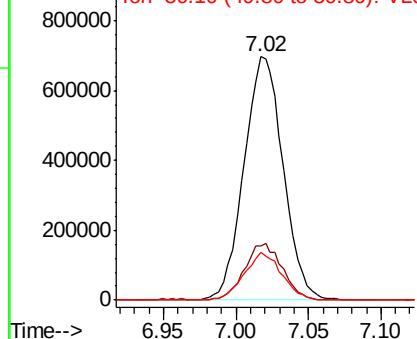


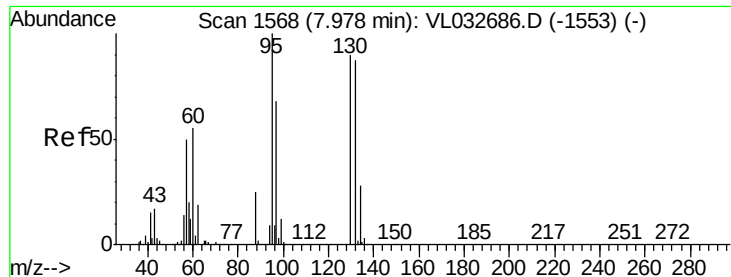
#36
Benzene
Concen: 4.665 ppbv
RT: 7.02 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VL032709.D
Acq: 30 Oct 2018 21:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.1	27.1
50	19.7	15.1	22.7



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





#38

Trichloroethene

Concen: 0.763 ppbv

RT: 7.98 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VL032709.D

Acq: 30 Oct 2018 21:58

Instrument :

MSVOA_L

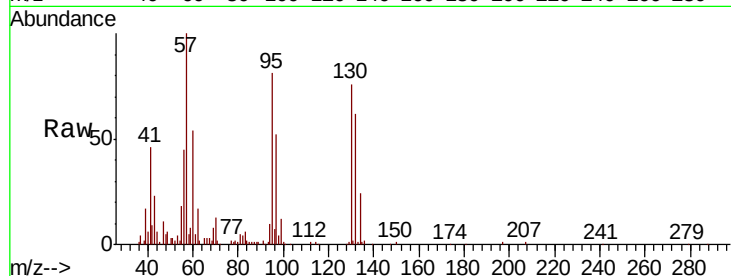
ClientSampleId :

SS-1DUP

Tot Ion:	130	Resp:	79085
Ion Ratio	Lower	Upper	
130	100		
95	104.4	93.4	140.0
132	81.2	76.5	114.7
97	66.1	60.2	90.2

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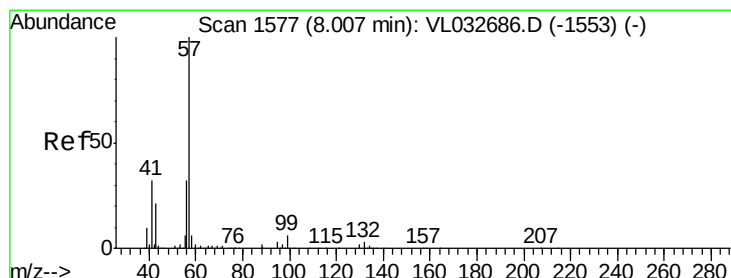
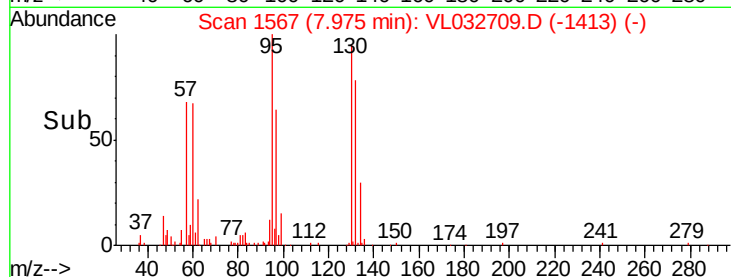
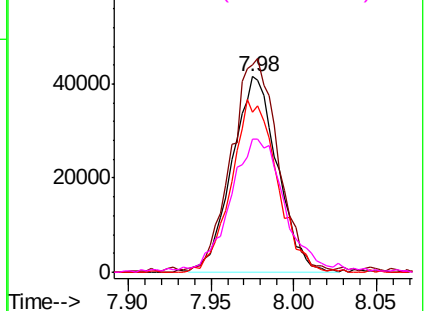


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#44

2,2,4-Trimethylpentane

Concen: 2.771 ppbv

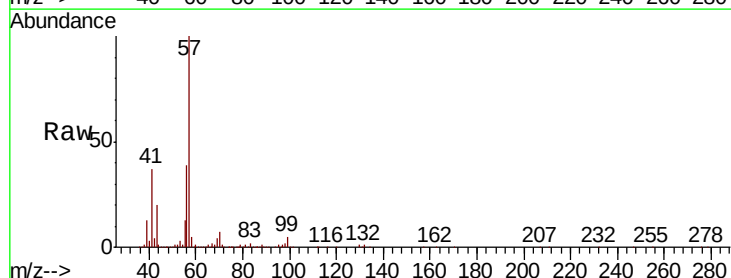
RT: 8.00 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VL032709.D

Acq: 30 Oct 2018 21:58

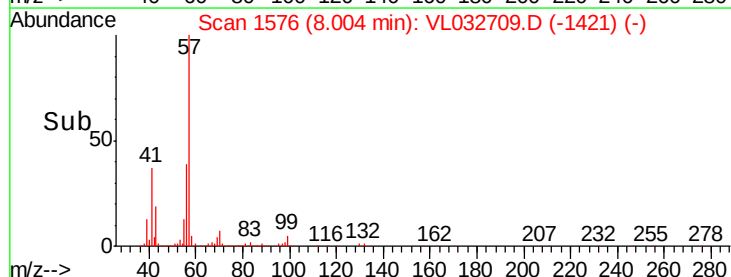
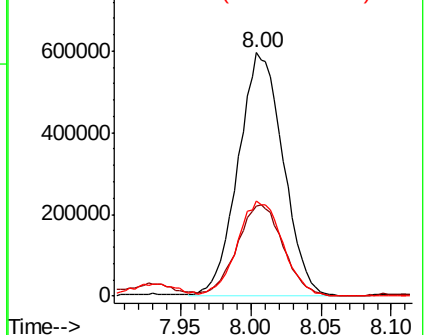
Tgt Ion:	57	Resp:	1324519
Ion Ratio	Lower	Upper	
57	100		
41	38.7	24.7	37.1#
56	39.5	25.0	37.4#

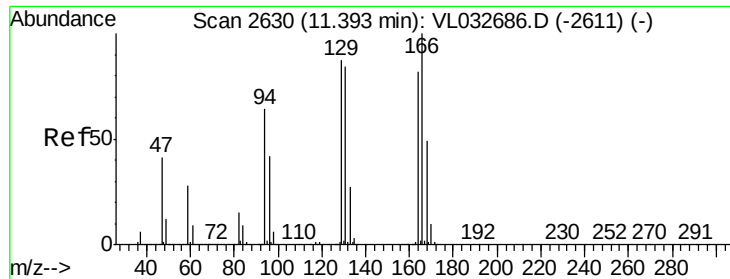


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#52

Tetrachloroethene

Concen: 7.468 ppbv

RT: 11.39 min Scan# 2629

Delta R.T. -0.00 min

Lab File: VL032709.D

Acq: 30 Oct 2018 21:58

Instrument :

MSVOA_L

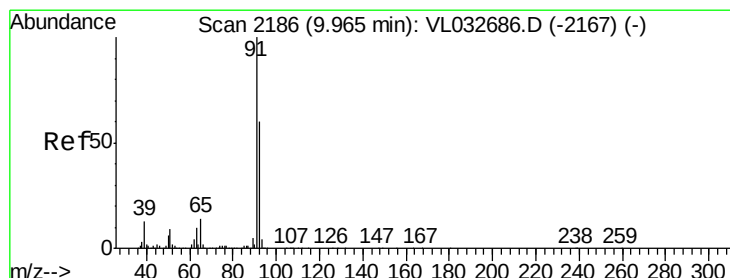
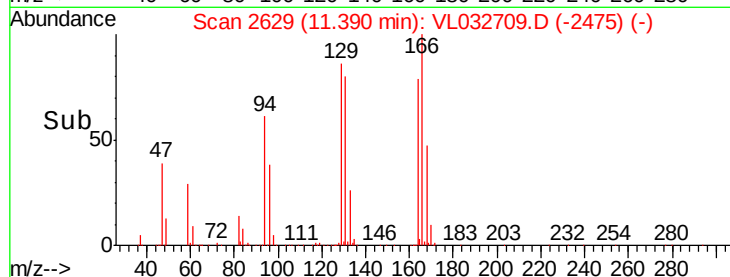
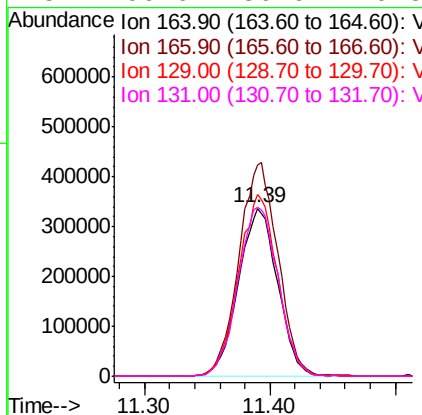
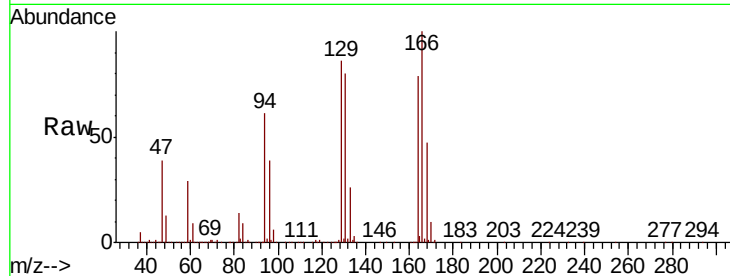
ClientSampled :

SS-1DUP

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.9	100.5	150.7
129	108.5	90.0	135.0
131	100.6	86.6	129.8

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#53

Toluene

Concen: 22.614 ppbv

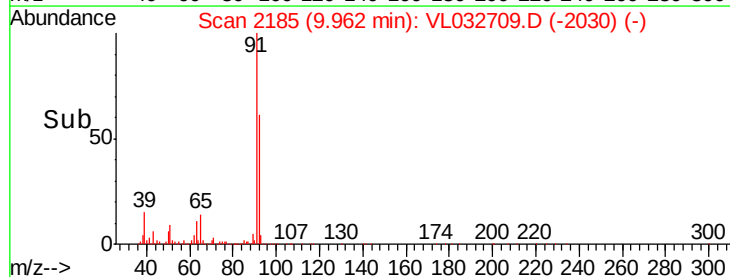
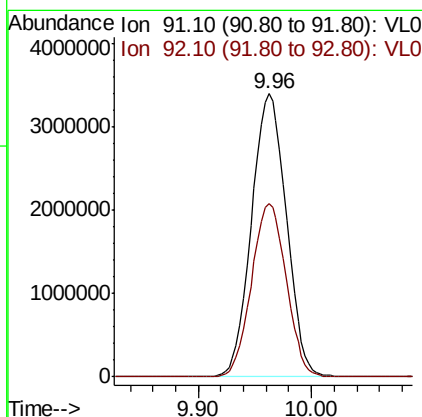
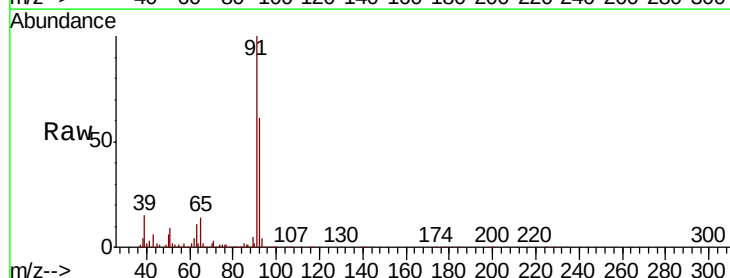
RT: 9.96 min Scan# 2185

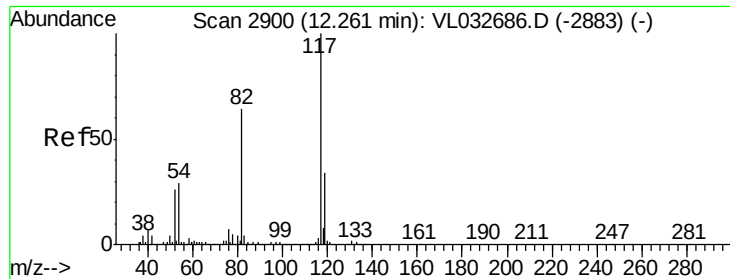
Delta R.T. -0.00 min

Lab File: VL032709.D

Acq: 30 Oct 2018 21:58

Tgt Ion	Ratio	Lower	Upper
91	100		
92	61.3	48.4	72.6





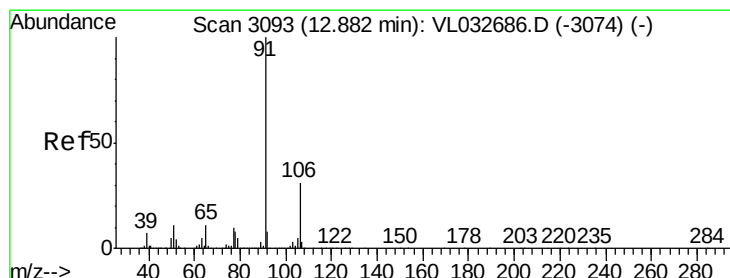
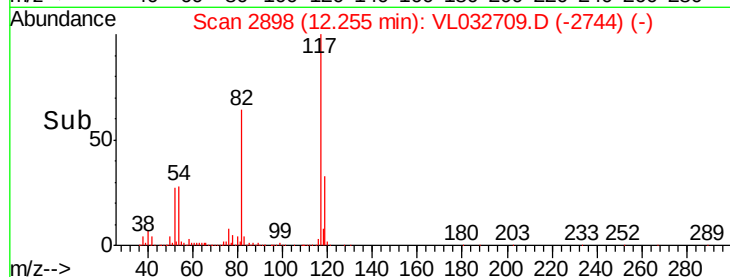
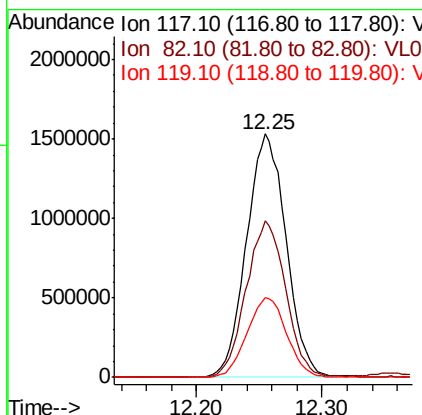
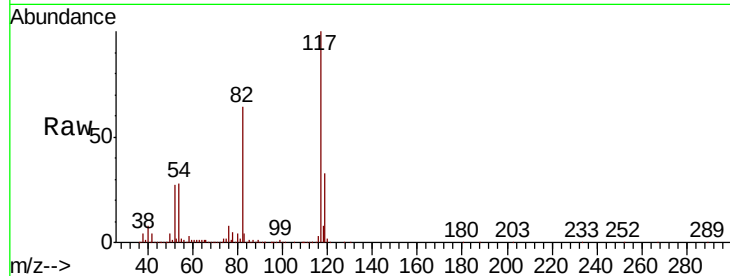
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL032709.D
Acq: 30 Oct 2018 21:58

Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Tot Ion:117 Resp: 3367770
Ion Ratio Lower Upper
117 100
82 64.1 52.7 79.1
119 32.8 26.7 40.1

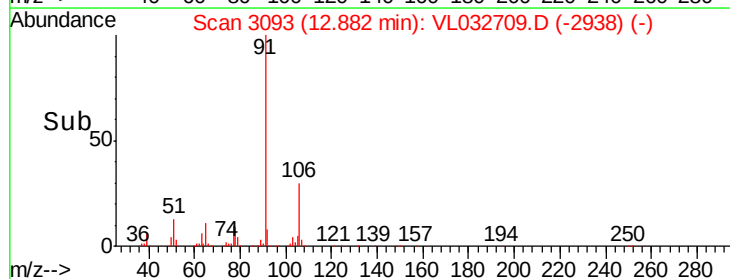
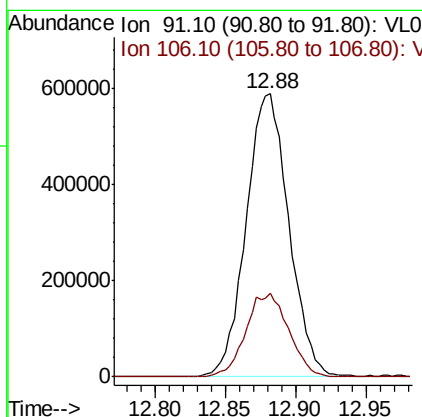
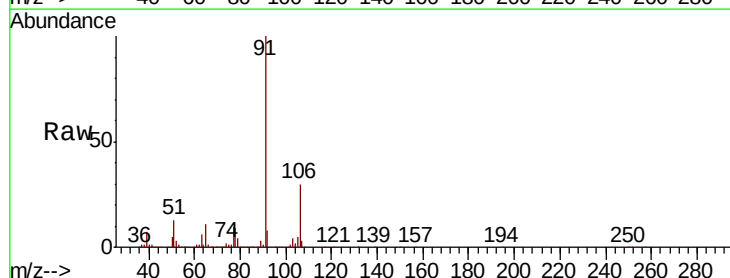
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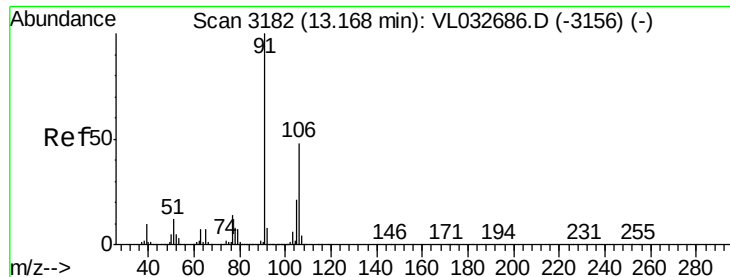
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#58
Ethyl Benzene
Concen: 3.181 ppbv
RT: 12.88 min Scan# 3093
Delta R.T. -0.00 min
Lab File: VL032709.D
Acq: 30 Oct 2018 21:58

Tgt Ion: 91 Resp: 1244605
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.2





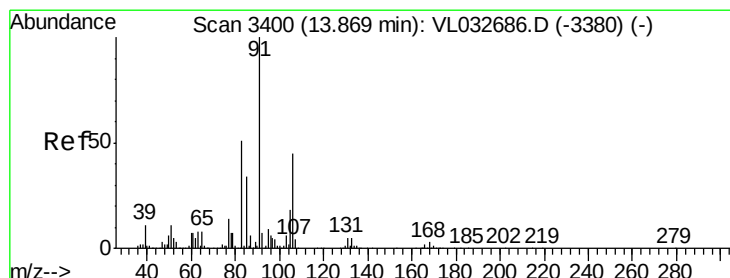
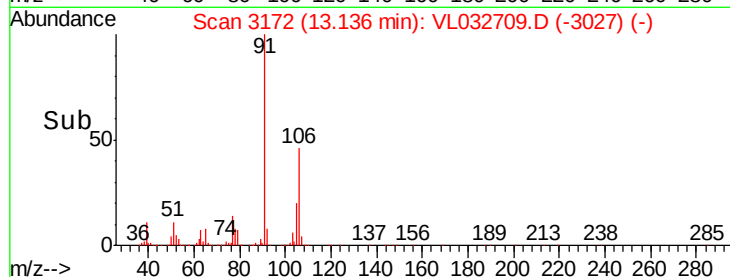
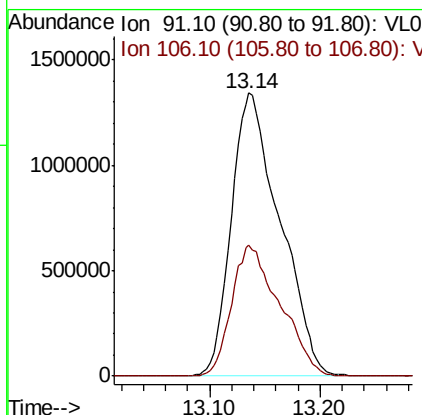
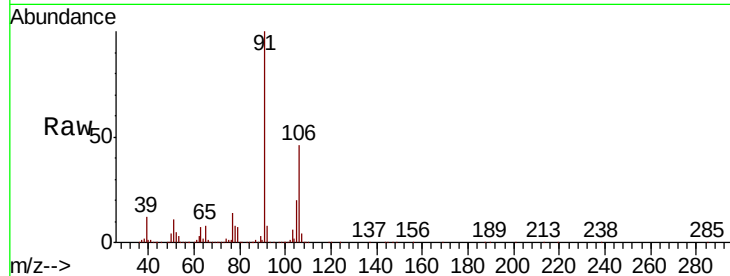
#59
m/p-Xylene
Concen: 11.734 ppbv
RT: 13.14 min Scan# 3172
Delta R.T. -0.03 min
Lab File: VL032709.D
Acq: 30 Oct 2018 21:58

Instrument :
MSVOA_L
ClientSampled :
SS-1DUP

Tot Ion: 91 Resp: 4088009
Ion Ratio Lower Upper
91 100
106 46.1 35.9 53.9

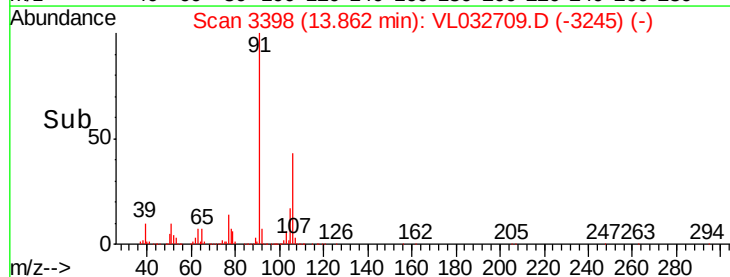
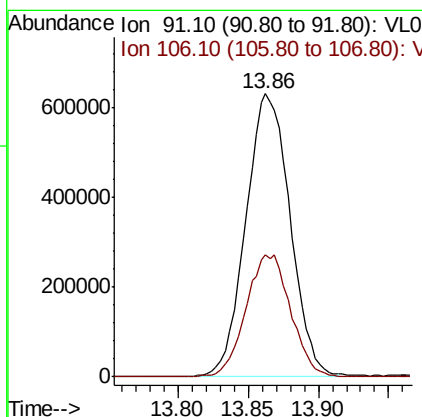
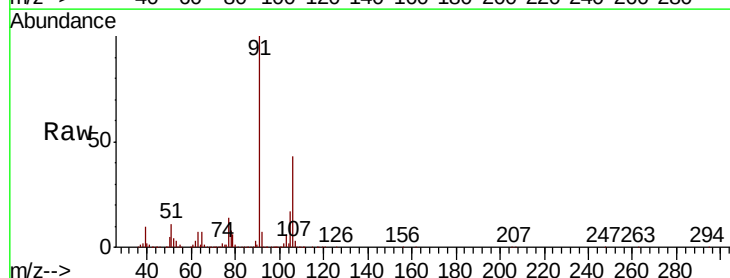
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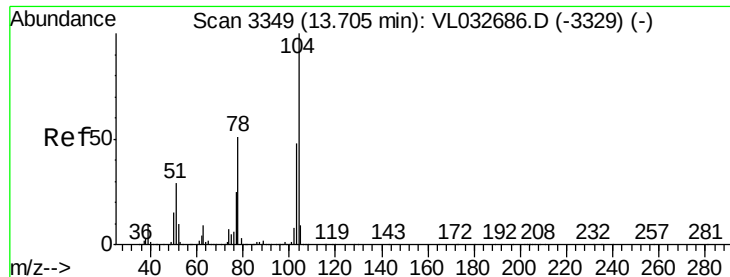
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#60
o-Xylene
Concen: 4.105 ppbv
RT: 13.86 min Scan# 3398
Delta R.T. -0.01 min
Lab File: VL032709.D
Acq: 30 Oct 2018 21:58

Tgt Ion: 91 Resp: 1379718
Ion Ratio Lower Upper
91 100
106 43.8 22.1 66.1





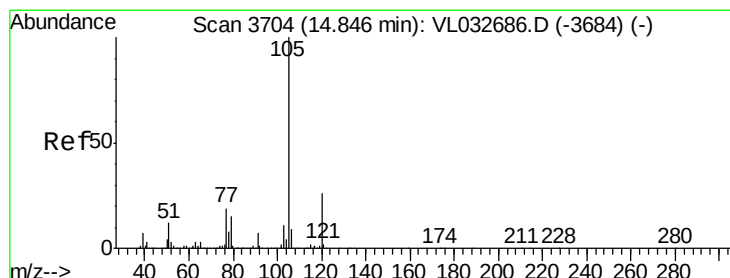
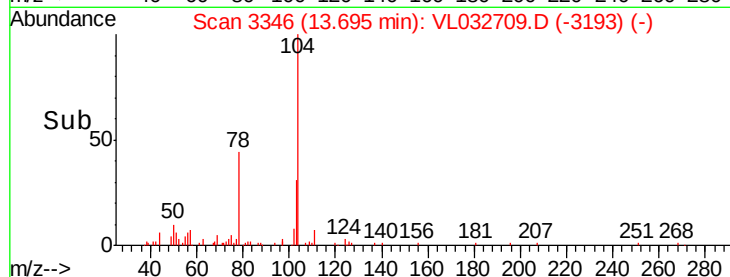
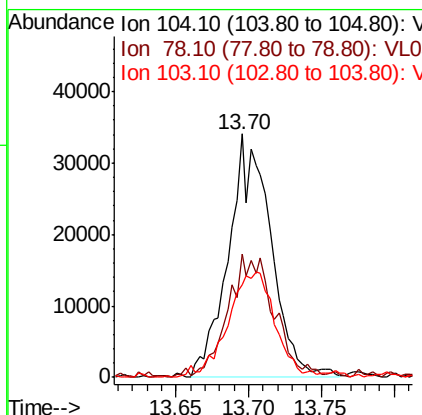
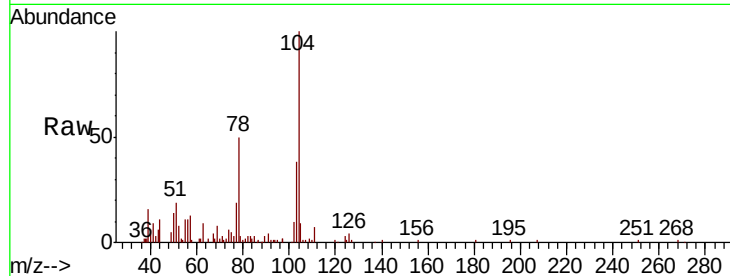
#61
Stvrene
Concen: 0.306 ppbv m
RT: 13.70 min Scan# 3346
Delta R.T. -0.01 min
Lab File: VL032709.D
Acq: 30 Oct 2018 21:58

Instrument :
MSVOA_L
ClientSampled :
SS-1DUP

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.9	42.8	64.2
103	0.0	37.4	56.0#

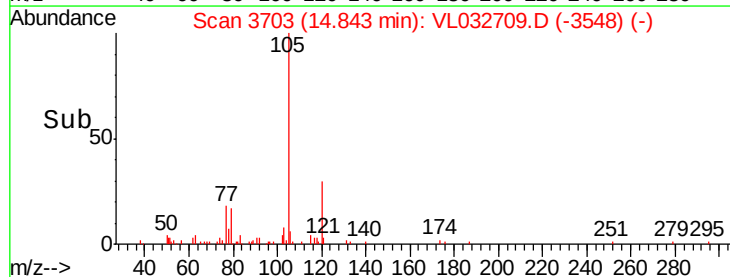
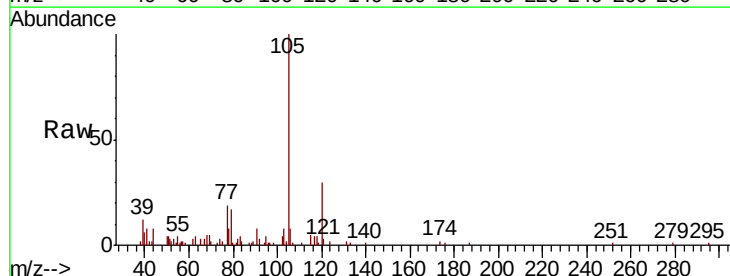
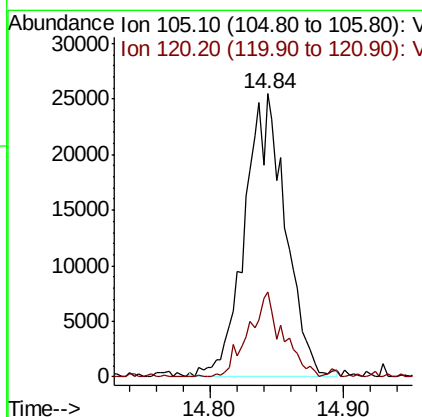
Manual Integrations
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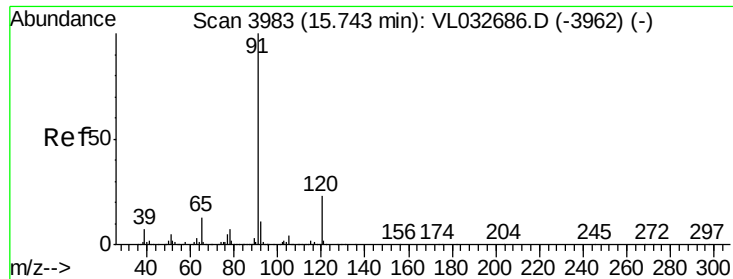
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#62
Isopropylbenzene
Concen: 0.114 ppbv m
RT: 14.84 min Scan# 3703
Delta R.T. -0.00 min
Lab File: VL032709.D
Acq: 30 Oct 2018 21:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.9	20.5	30.7#





#64

n-propylbenzene

Concen: 0.335 ppbv

RT: 15.74 min Scan# 3982

Delta R.T. -0.00 min

Lab File: VL032709.D

Acq: 30 Oct 2018 21:58

Instrument :

MSVOA_L

ClientSampled :

SS-1DUP

Tot Ion:120 Resp: 39658

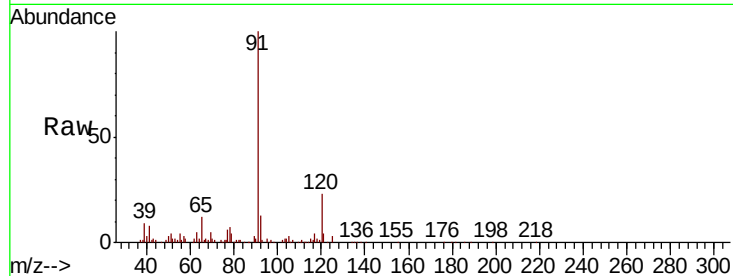
Ion Ratio Lower Upper

120 100

91 536.3 390.2 585.2

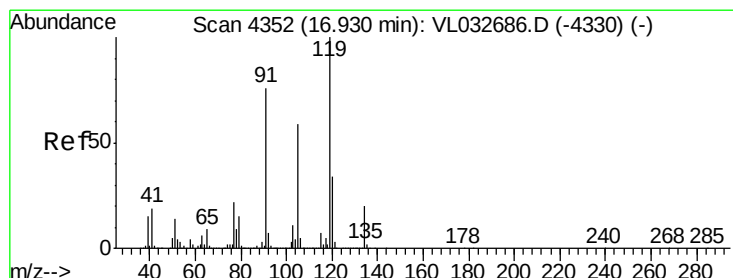
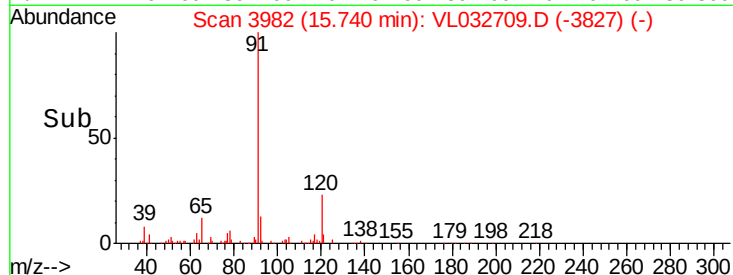
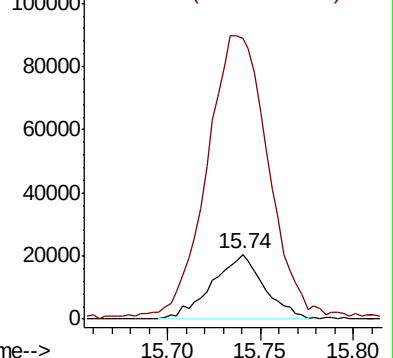
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Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.168 ppbv m

RT: 16.94 min Scan# 4355

Delta R.T. 0.01 min

Lab File: VL032709.D

Acq: 30 Oct 2018 21:58

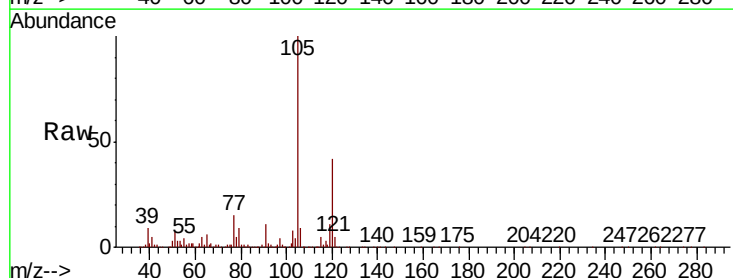
Tgt Ion:119 Resp: 68130

Ion Ratio Lower Upper

119 100

91 117.5 67.8 101.8#

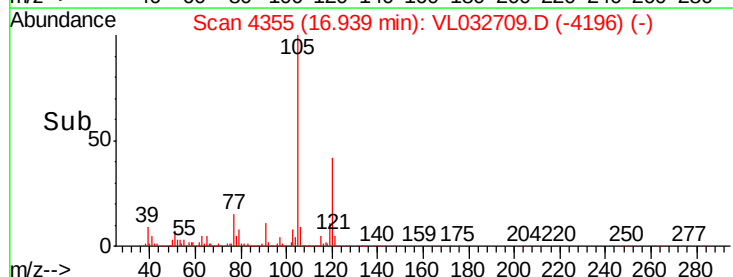
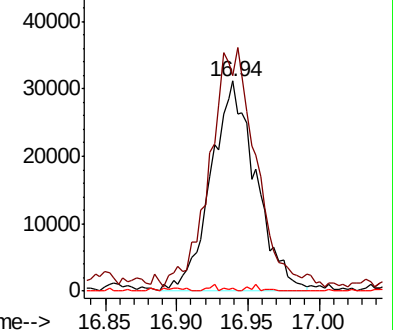
134 0.0 15.8 23.8#

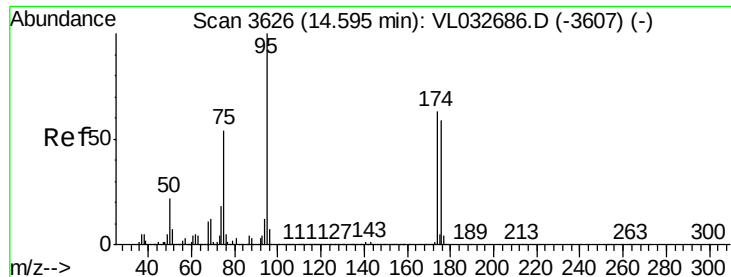


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V





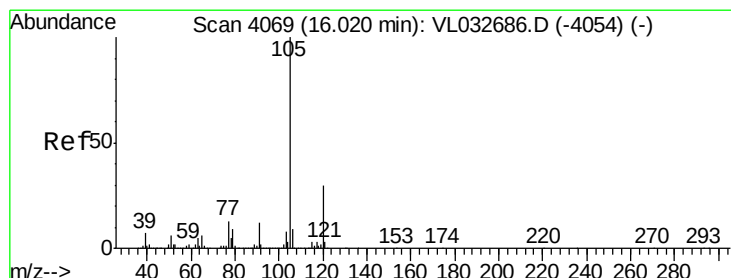
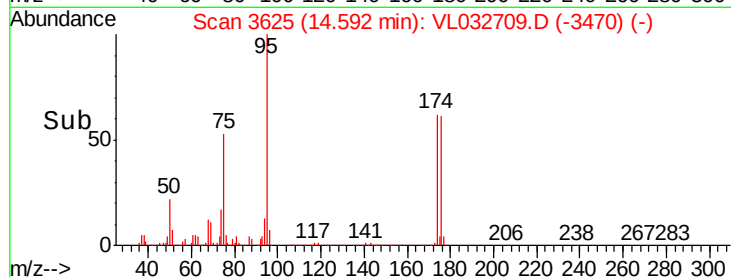
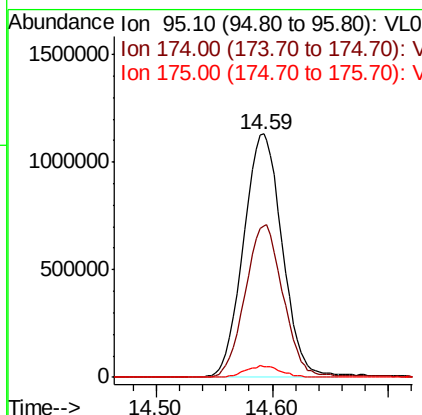
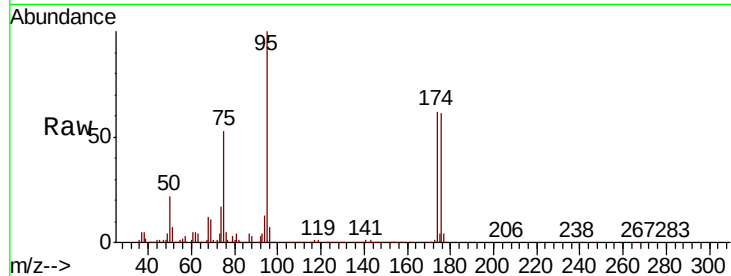
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.455 ppbv
 RT: 14.59 min Scan# 3625
 Delta R.T. -0.00 min
 Lab File: VL032709.D
 Acq: 30 Oct 2018 21:58

Instrument :
 MSVOA_L
 ClientSampled :
 SS-1DUP

Tot Ion: 95 Resp: 2621610
 Ion Ratio Lower Upper
 95 100
 174 62.4 46.0 69.0
 175 4.6 3.4 5.0

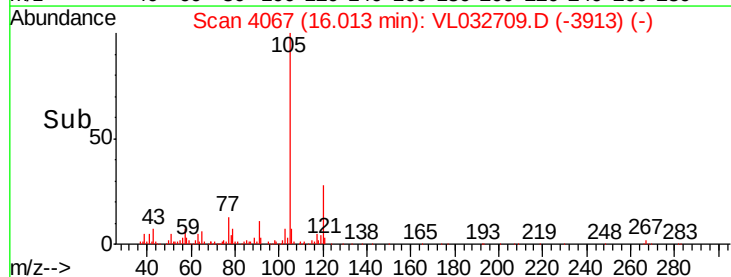
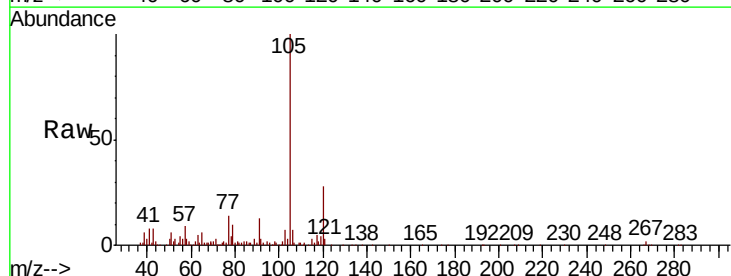
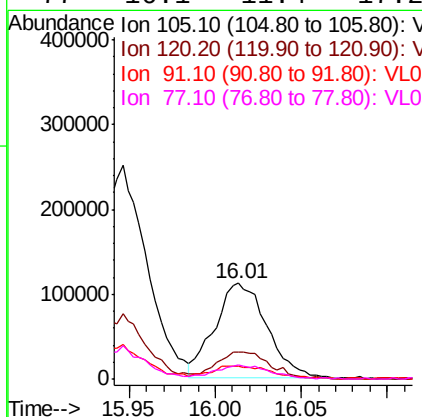
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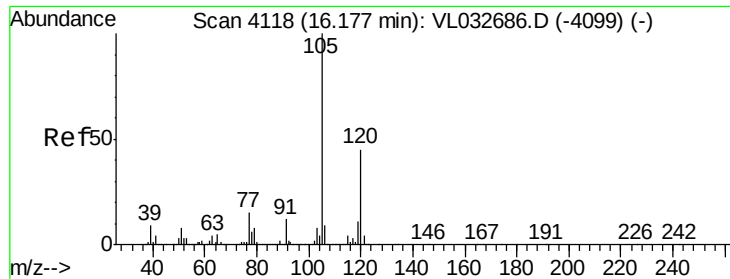
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#72
 4-Ethyltoluene
 Concen: 0.662 ppbv
 RT: 16.01 min Scan# 4067
 Delta R.T. -0.00 min
 Lab File: VL032709.D
 Acq: 30 Oct 2018 21:58

Tgt Ion: 105 Resp: 237109
 Ion Ratio Lower Upper
 105 100
 120 29.9 23.7 35.5
 91 15.4 10.4 15.6
 77 16.1 11.4 17.2





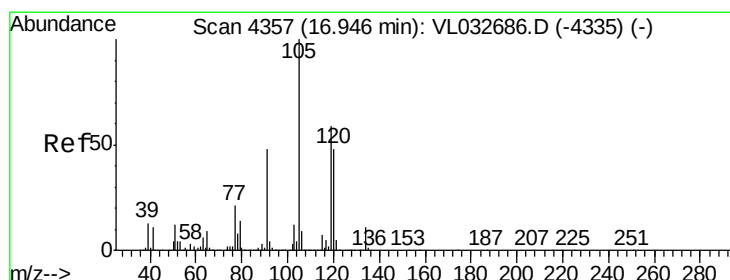
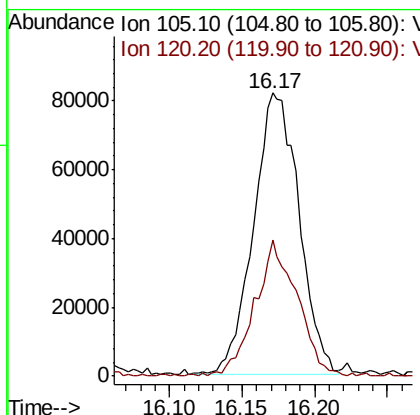
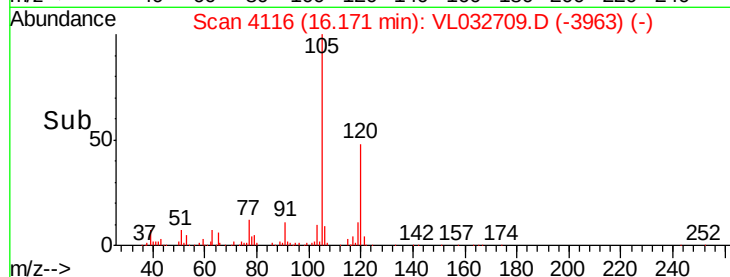
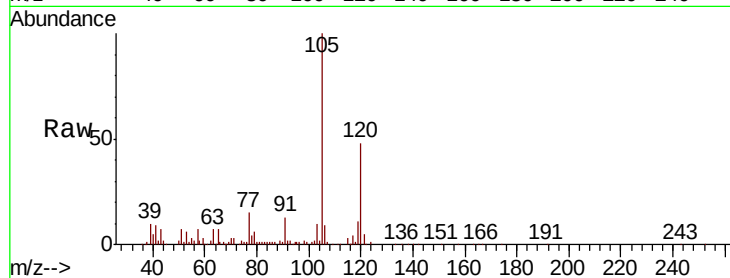
#73
 1,3,5-Trimethylbenzene
 Concen: 0.508 ppbv
 RT: 16.17 min Scan# 4116
 Delta R.T. -0.01 min
 Lab File: VL032709.D
 Acq: 30 Oct 2018 21:58

Instrument :
 MSVOA_L
 ClientSampleID :
 SS-1DUP

Tot Ion:105 Resp: 177268
 Ion Ratio Lower Upper
 105 100
 120 48.3 35.4 53.2

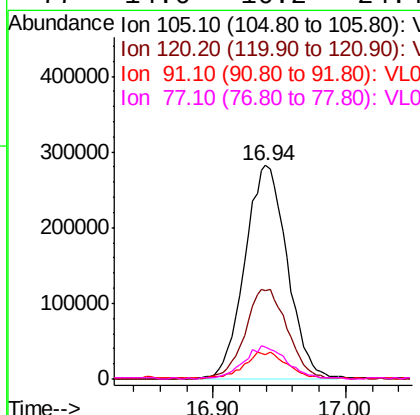
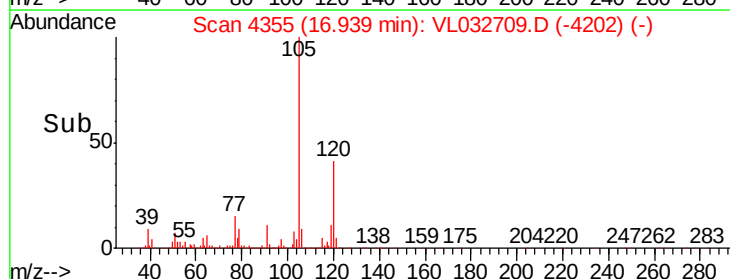
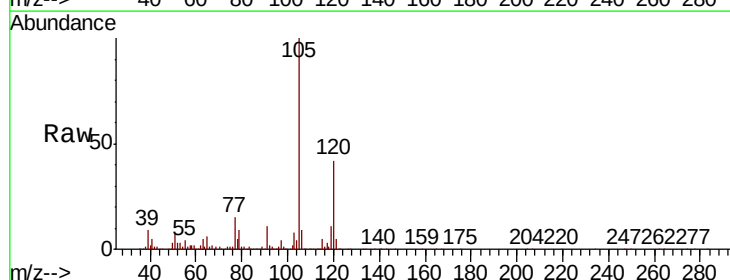
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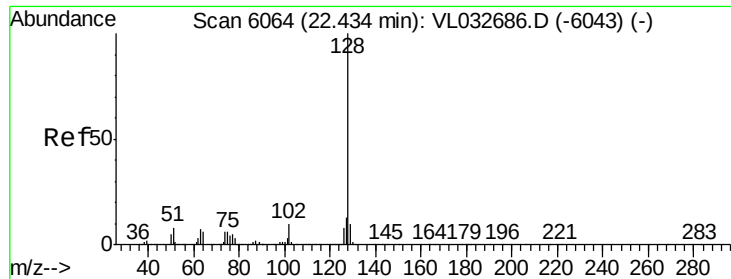
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#74
 1,2,4-Trimethylbenzene
 Concen: 1.685 ppbv
 RT: 16.94 min Scan# 4355
 Delta R.T. -0.01 min
 Lab File: VL032709.D
 Acq: 30 Oct 2018 21:58

Tgt Ion:105 Resp: 627204
 Ion Ratio Lower Upper
 105 100
 120 41.4 35.8 53.8
 91 10.7 33.2 49.8#
 77 14.6 16.2 24.4#





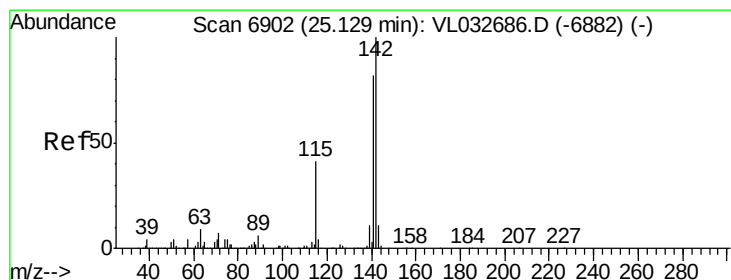
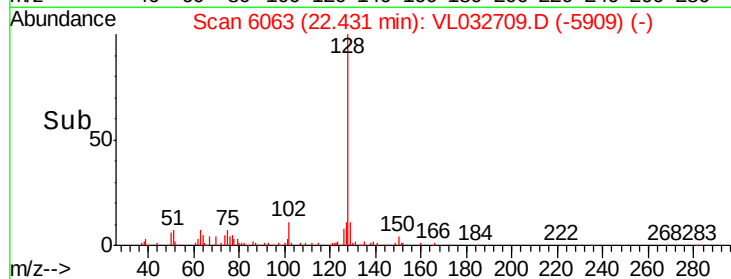
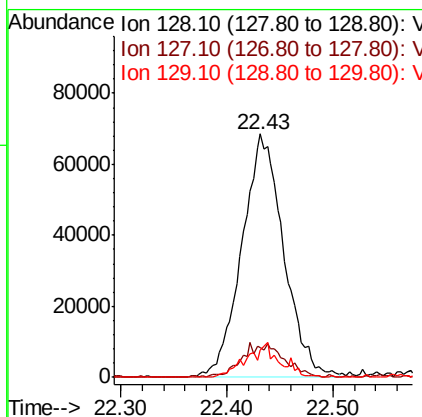
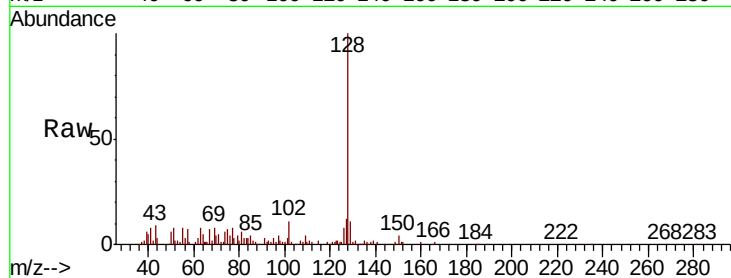
#79
Naphthalene
Concen: 0.811 ppbv m
RT: 22.43 min Scan# 6063
Delta R.T. -0.00 min
Lab File: VL032709.D
Acq: 30 Oct 2018 21:58

Instrument :
MSVOA_L
ClientSampleId :
SS-1DUP

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.3	15.5
129	11.0	8.6	13.0

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#80
Naphthalene, 2-methyl-
Concen: 0.981 ppbv m
RT: 25.13 min Scan# 6902
Delta R.T. 0.00 min
Lab File: VL032709.D
Acq: 30 Oct 2018 21:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	53.8	67.5	101.3#
115	25.9	33.5	50.3#

