

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070218\
 Data File : VL032189.D
 Acq On : 2 Jul 2018 19:49
 Operator : SY/AP
 Sample : J3753-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Manual Integrations
 APPROVED

MMDadoda
 7/3/2018 5:17:15 PM

Quant Time: Jul 03 15:21:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1373347	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.39	114	3944114	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.34	117	3506616	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.68	95	2620488	9.78	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	45099	0.25	ppbv	96
3) Chlorodifluoromethane	3.07	51	67876m	0.40	ppbv	
4) Chloromethane	3.23	50	23076	0.26	ppbv #	80
7) Chloroethane	3.67	64	122541	3.83	ppbv	96
9) Propene	3.09	41	151323	1.93	ppbv	96
10) Heptane	8.34	43	298769	1.31	ppbv	98
11) Trichlorofluoromethane	4.07	101	105932	0.54	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.63	101	320541	2.46	ppbv	89
13) Ethanol	3.75	45	11093397	467.90	ppbv	98
15) Acetone	3.97	43	7459119	46.45	ppbv	100
17) tert-Butyl alcohol	4.47	59	1110509	10.86	ppbv	98
18) 1,1-Dichloroethene	4.43	96	116009	1.86	ppbv	96
19) Isopropyl Alcohol	4.13	45	7561967m	56.68	ppbv	
20) Methylene Chloride	4.48	84	55230m	0.94	ppbv	
22) trans-1,2-Dichloroethene	5.05	96	74068	1.14	ppbv	95
24) 1,1-Dichloroethane	5.17	63	3599758	19.30	ppbv	98
26) Hexane	5.86	57	236361	1.54	ppbv	82
29) Chloroform	5.94	83	35319m	0.16	ppbv	
30) Cyclohexane	7.34	84	116279	0.81	ppbv	89
31) cis-1,2-Dichloroethene	5.73	61	23846	0.16	ppbv	87
32) 1,1,1-Trichloroethane	6.71	97	11889235	50.93	ppbv	95
34) 2-Butanone	5.41	43	1583107	6.32	ppbv	99
36) Benzene	7.10	78	258090	0.68	ppbv	98
38) Trichloroethene	8.06	130	36620m	0.25	ppbv	
41) Tetrahydrofuran	6.24	42	108247m	0.72	ppbv	
44) 2,2,4-Trimethylpentane	8.09	57	2066776	3.09	ppbv	94
50) 4-Methyl-2-Pentanone	8.97	43	267816	0.65	ppbv	99
52) Tetrachloroethene	11.48	164	20027m	0.14	ppbv	
53) Toluene	10.05	91	2272566	4.93	ppbv	99
58) Ethyl Benzene	12.96	91	698195	1.24	ppbv	89
59) m/p-Xylene	13.22	91	1975514	4.36	ppbv	98
60) o-Xylene	13.95	91	820315	1.82	ppbv	94
61) Styrene	13.79	104	46800m	0.13	ppbv	
69) p-Isopropyltoluene	17.92	119	2437228	3.40	ppbv	97
72) 4-Ethyltoluene	16.10	105	261120	0.45	ppbv	94
73) 1,3,5-Trimethylbenzene	16.27	105	211803m	0.39	ppbv	
74) 1,2,4-Trimethylbenzene	17.03	105	664517	1.20	ppbv #	76

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

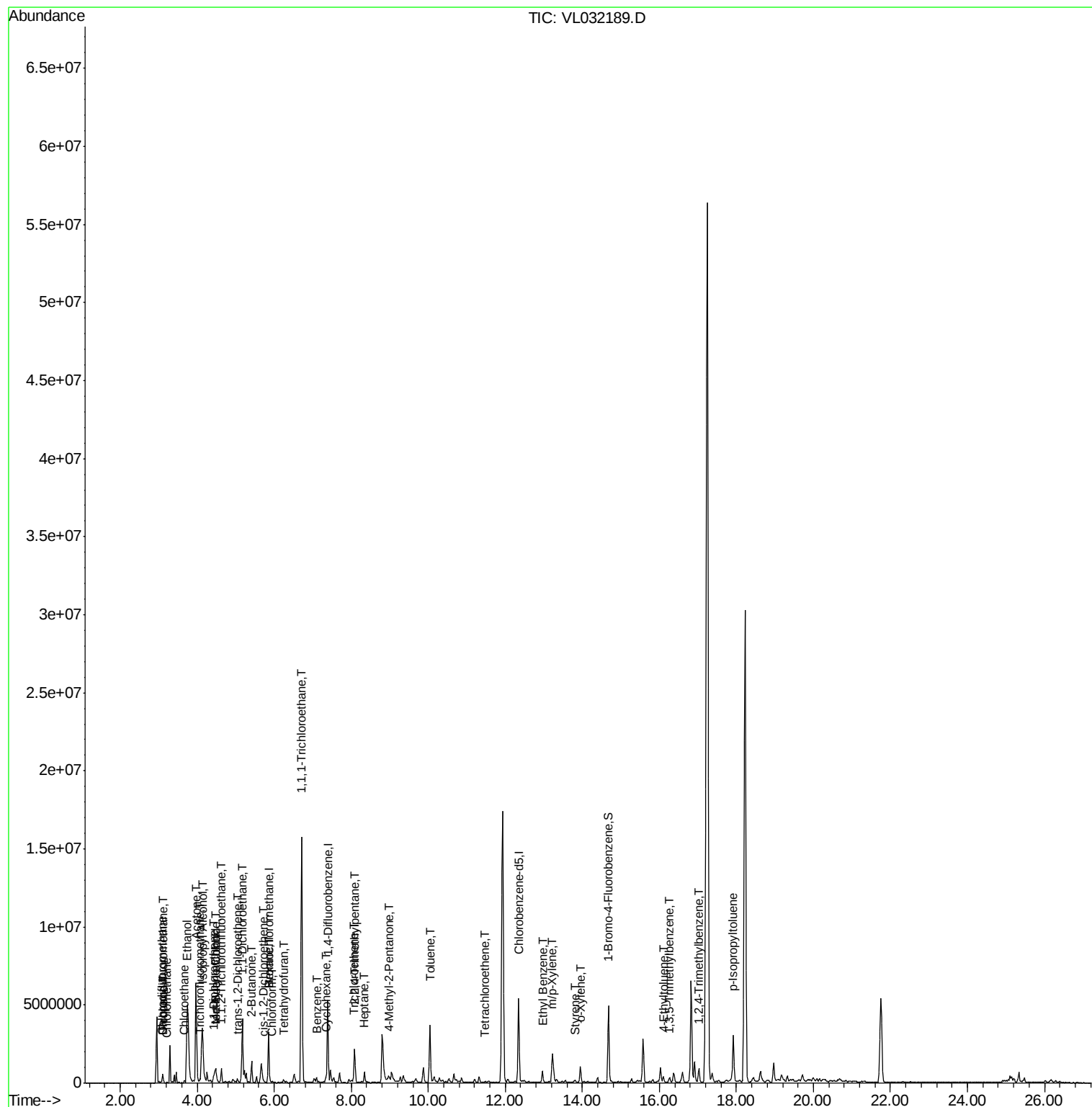
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL070218\
Data File : VL032189.D
Acq On : 2 Jul 2018 19:49
Operator : SY/AP
Sample : J3753-01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

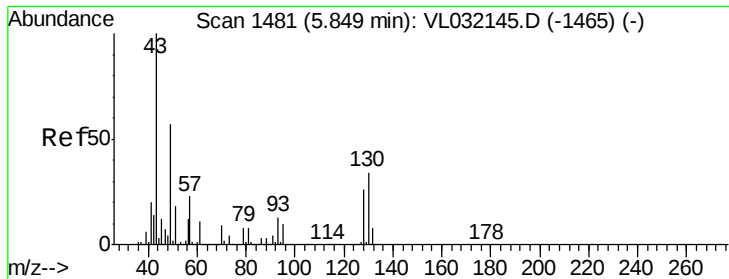
Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

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7/3/2018 5:17:15 PM

Quant Time: Jul 03 15:21:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun
QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.85 min Scan# 1482

Delta R.T. -0.01 min

Lab File: VL032189.D

Acq: 2 Jul 2018 19:49

Instrument :

MSVOA_L

ClientSampleId :

INFLUENT

Tot Ion: 49 Resp: 1373347

Ion Ratio Lower Upper

49 100

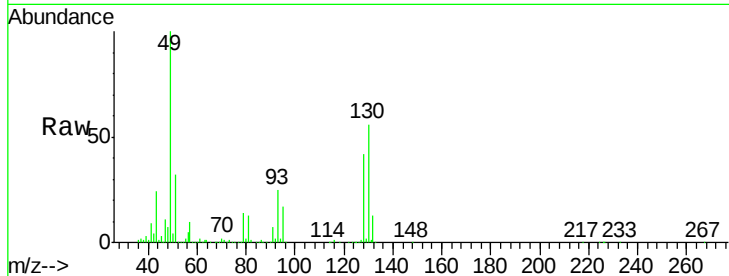
128 43.9 23.4 70.0

130 55.6 30.3 90.9

Manual Integrations
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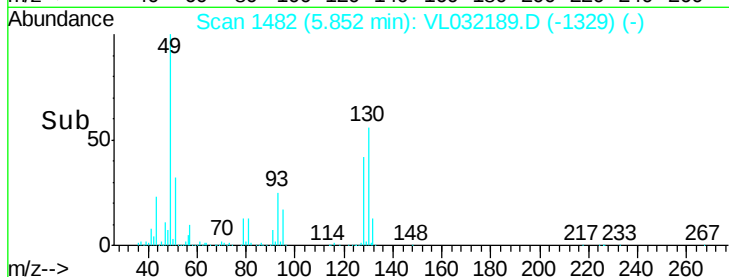
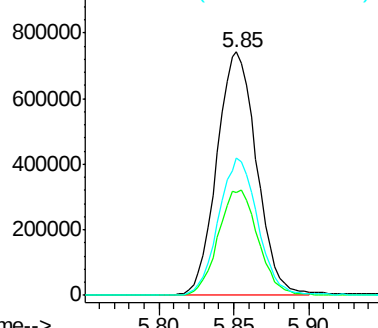
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.25 ppbv

RT: 3.13 min Scan# 636

Delta R.T. -0.01 min

Lab File: VL032189.D

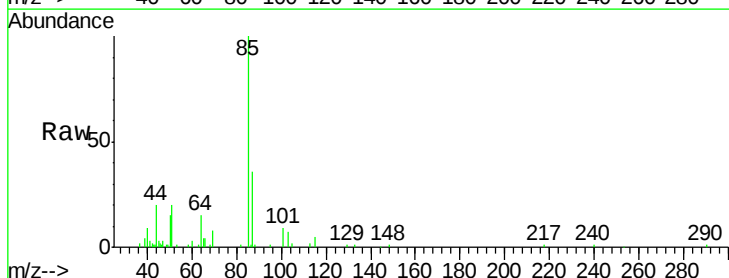
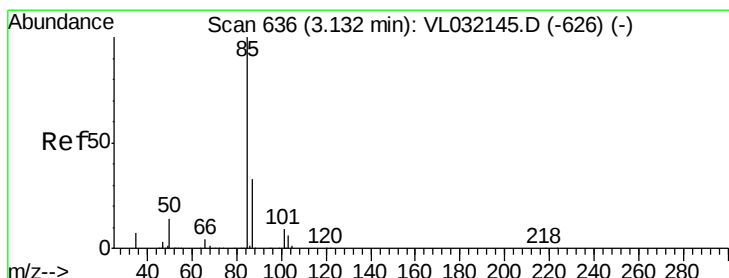
Acq: 2 Jul 2018 19:49

Tgt Ion: 85 Resp: 45099

Ion Ratio Lower Upper

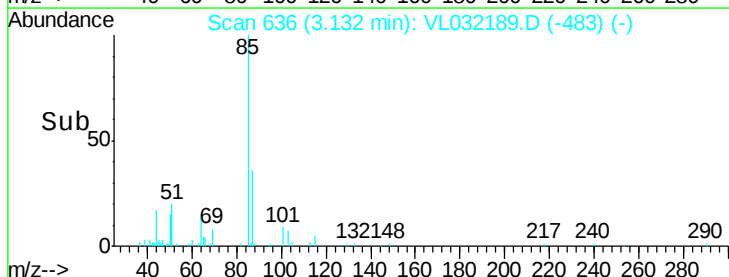
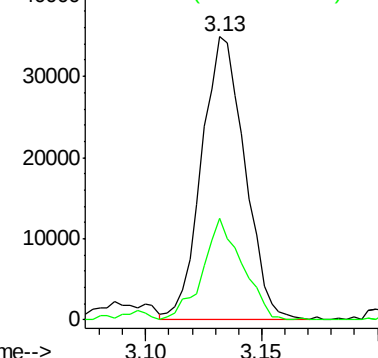
85 100

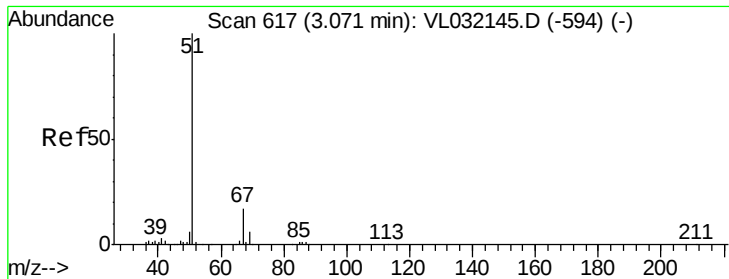
87 35.8 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.40 ppbv m

RT: 3.07 min Scan# 617

Delta R.T. -0.01 min

Lab File: VL032189.D

Acq: 2 Jul 2018 19:49

Instrument :

MSVOA_L

ClientSampleId :

INFLUENT

Tot Ion: 51 Resp: 67876

Ion Ratio Lower Upper

51 100

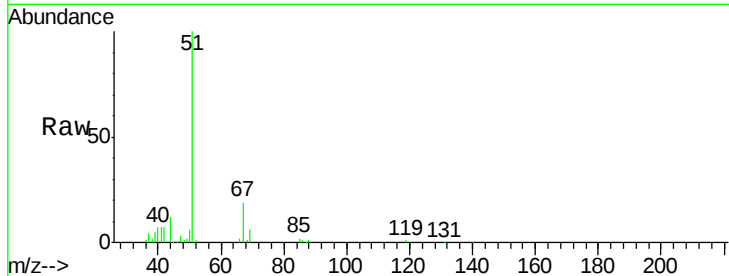
67 17.6 13.2 19.8

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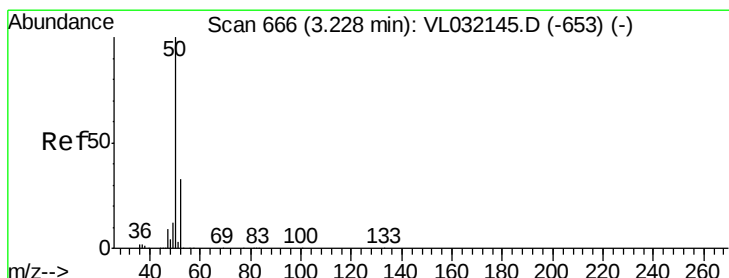
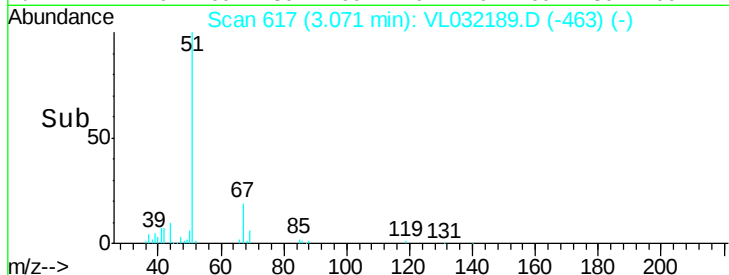
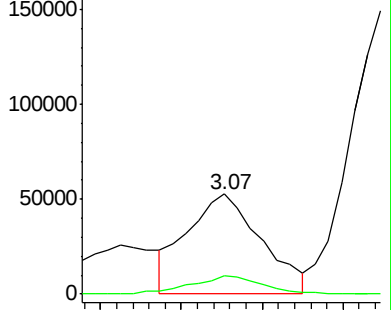
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.26 ppbv

RT: 3.23 min Scan# 666

Delta R.T. -0.01 min

Lab File: VL032189.D

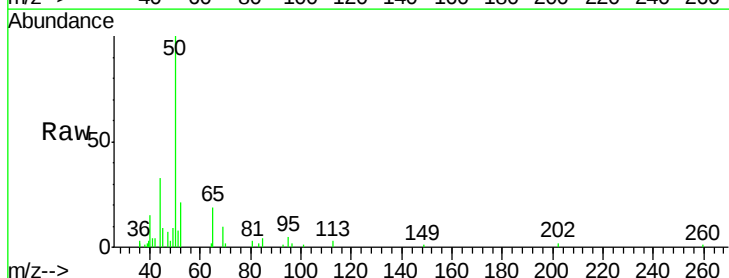
Acq: 2 Jul 2018 19:49

Tgt Ion: 50 Resp: 23076

Ion Ratio Lower Upper

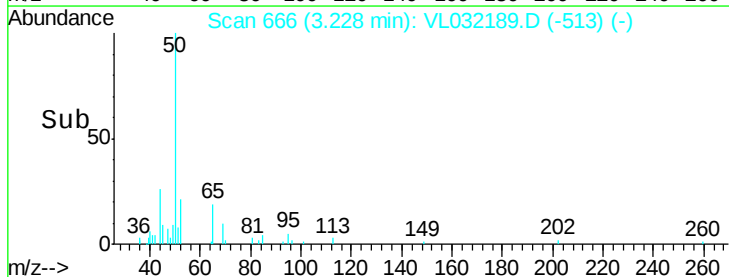
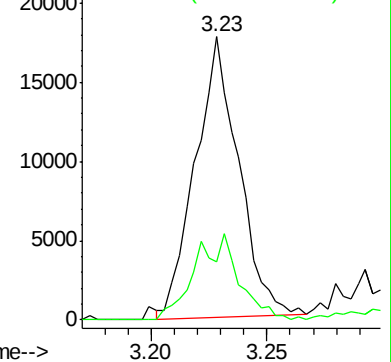
50 100

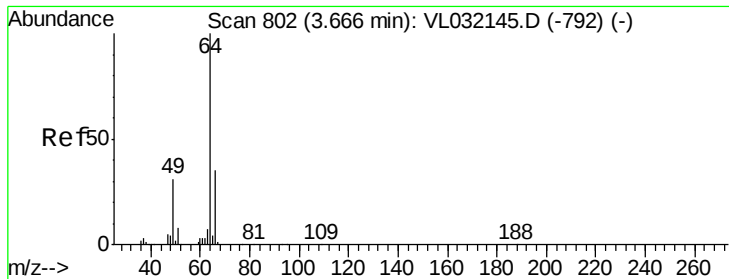
52 21.0 26.0 39.0#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 3.83 ppbv

RT: 3.67 min Scan# 802

Delta R.T. -0.01 min

Lab File: VL032189.D

Acq: 2 Jul 2018 19:49

Instrument :

MSVOA_L

ClientSampleId :

INFLUENT

Tot Ion: 64 Resp: 122541

Ion Ratio Lower Upper

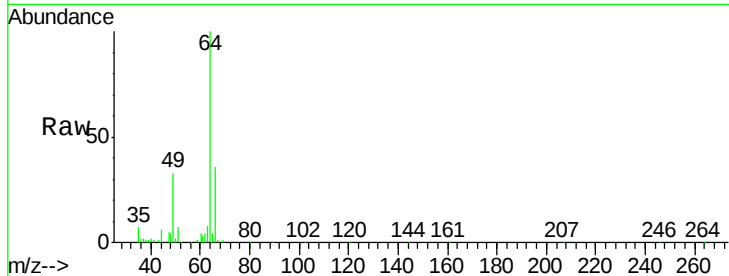
64 100

66 35.9 26.9 40.3

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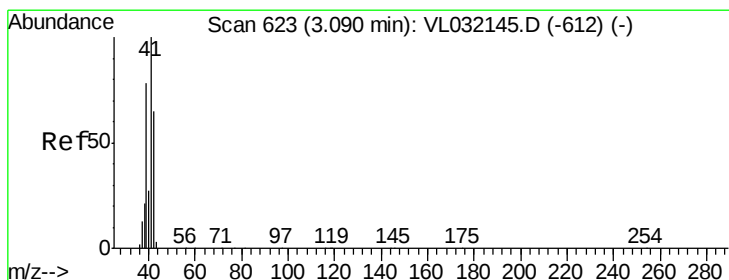
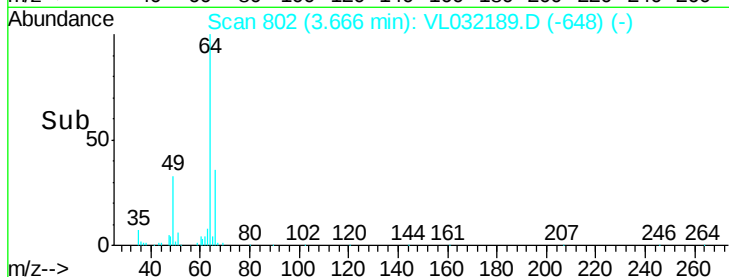
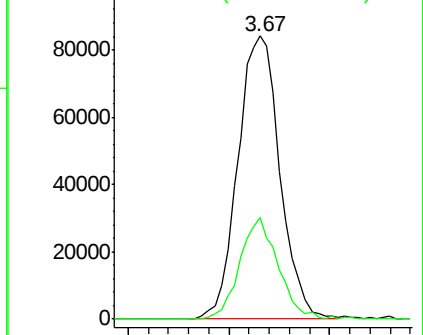
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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 1.93 ppbv

RT: 3.09 min Scan# 624

Delta R.T. -0.01 min

Lab File: VL032189.D

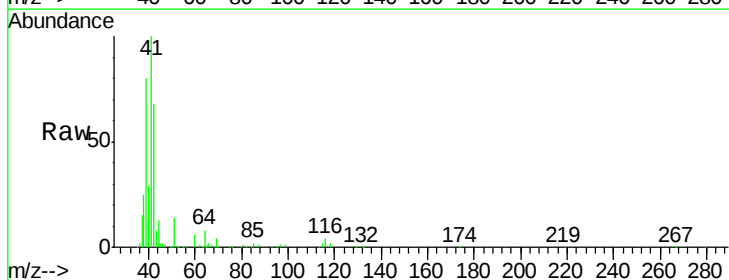
Acq: 2 Jul 2018 19:49

Tgt Ion: 41 Resp: 151323

Ion Ratio Lower Upper

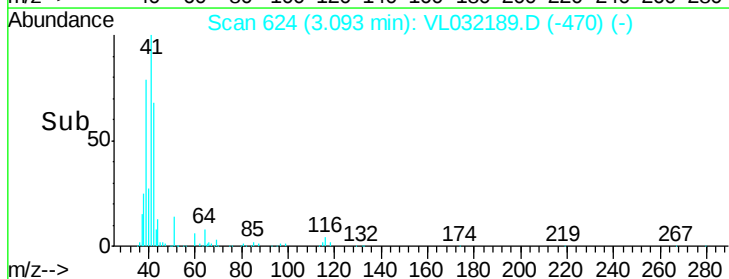
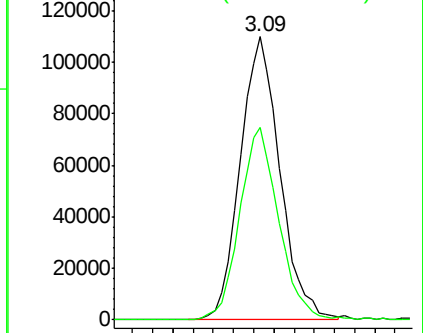
41 100

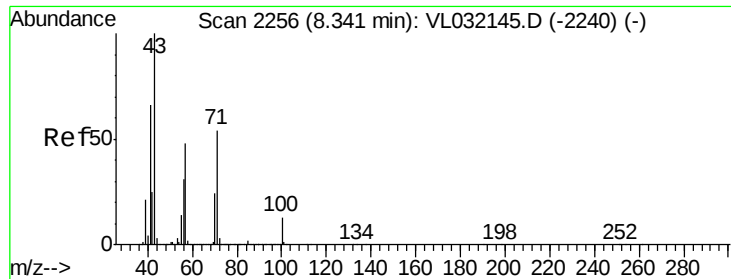
42 67.3 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 1.31 ppbv

RT: 8.34 min Scan# 2257

Delta R.T. -0.01 min

Lab File: VL032189.D

Acq: 2 Jul 2018 19:49

Instrument :

MSVOA_L

ClientSampleId :

INFLUENT

Tot Ion: 43 Resp: 298769

Ion Ratio Lower Upper

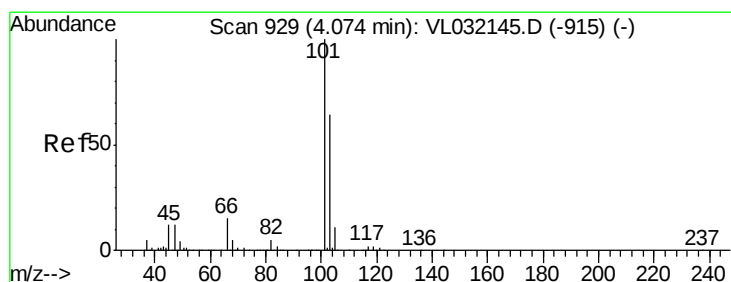
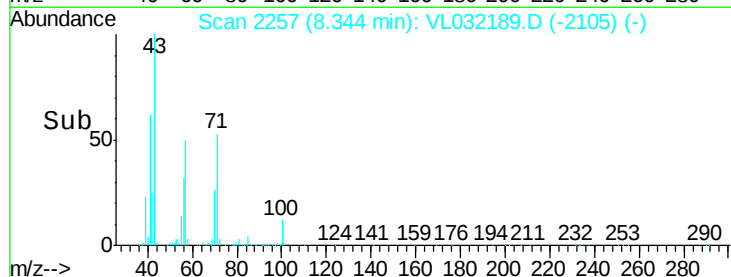
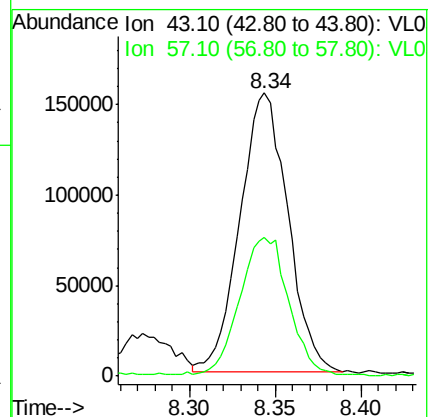
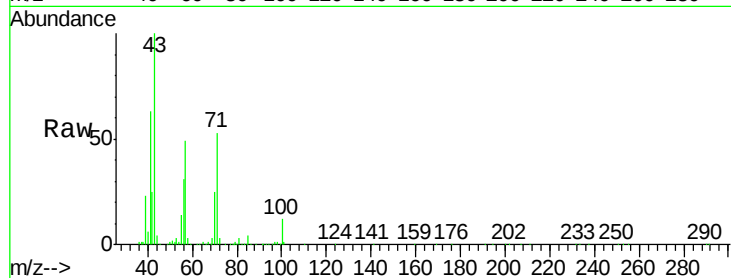
43 100

57 51.3 39.8 59.8

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#11

Trichlorofluoromethane

Concen: 0.54 ppbv

RT: 4.07 min Scan# 929

Delta R.T. -0.01 min

Lab File: VL032189.D

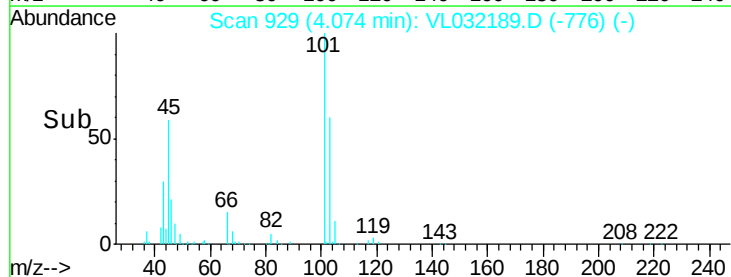
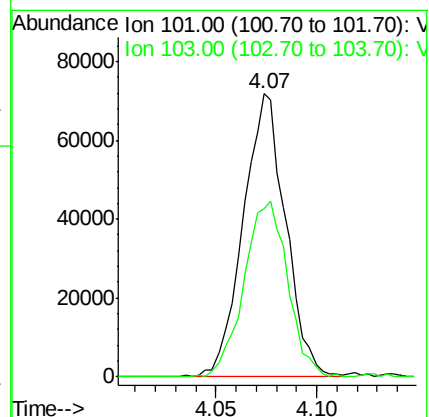
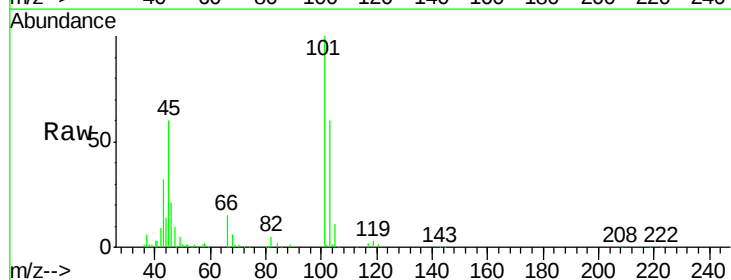
Acq: 2 Jul 2018 19:49

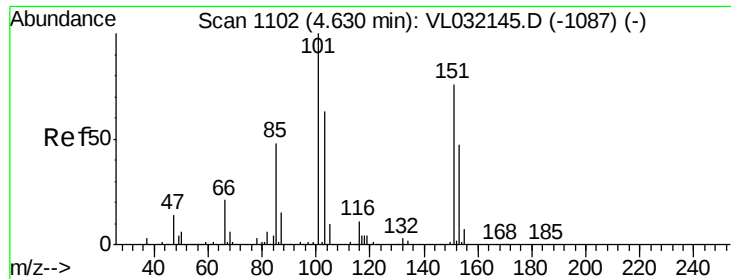
Tgt Ion: 101 Resp: 105932

Ion Ratio Lower Upper

101 100

103 59.6 51.4 77.0





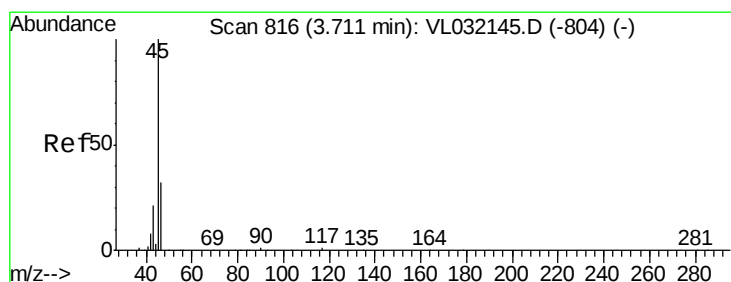
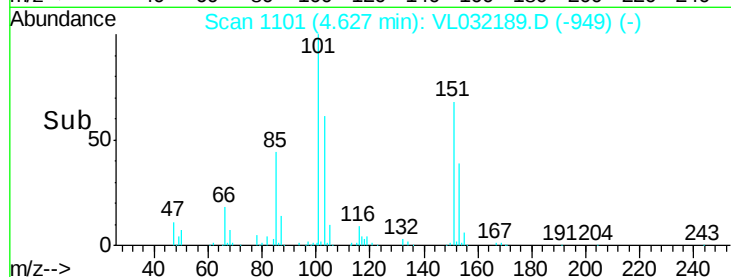
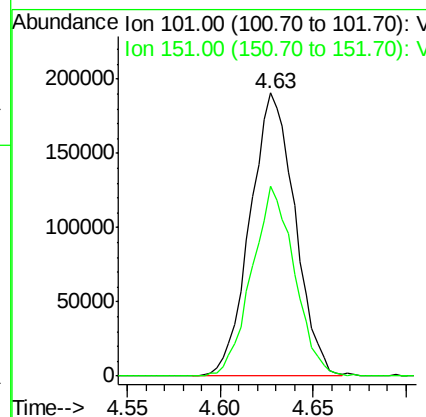
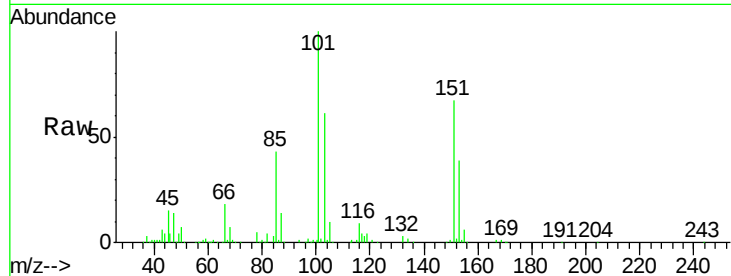
#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.46 ppbv
 RT: 4.63 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: VL032189.D
 Acq: 2 Jul 2018 19:49

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Tot Ion:101 Resp: 320541
 Ion Ratio Lower Upper
 101 100
 151 64.0 58.8 88.2

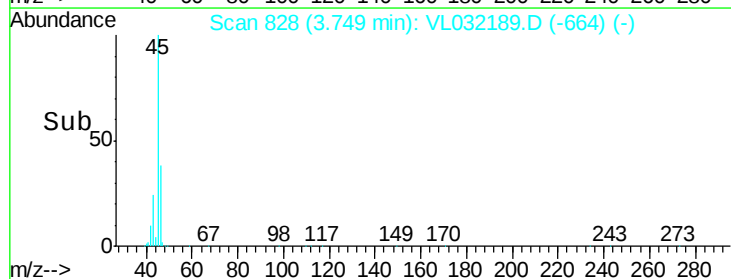
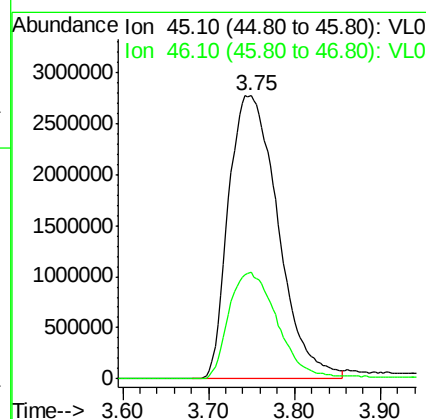
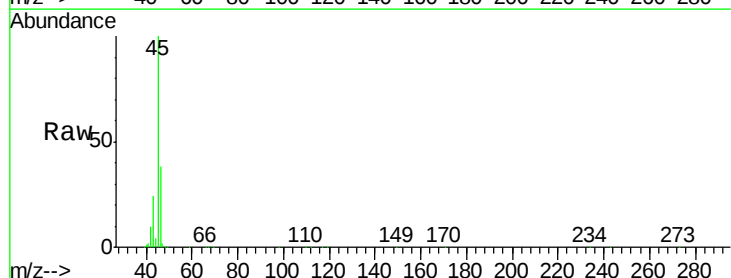
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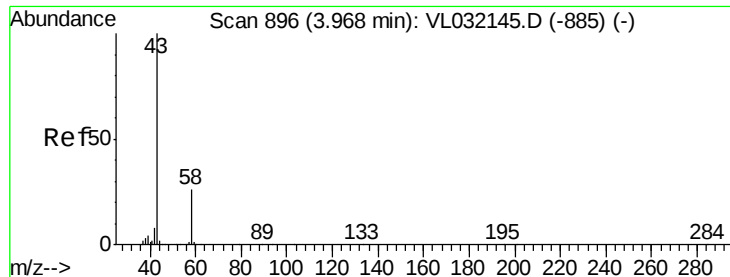
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#13
 Ethanol
 Concen: 467.90 ppbv
 RT: 3.75 min Scan# 828
 Delta R.T. 0.03 min
 Lab File: VL032189.D
 Acq: 2 Jul 2018 19:49

Tgt Ion: 45 Resp:11093397
 Ion Ratio Lower Upper
 45 100
 46 37.5 14.6 58.4





#15

Acetone

Concen: 46.45 ppbv

RT: 3.97 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL032189.D

Acq: 2 Jul 2018 19:49

Instrument :

MSVOA_L

ClientSampleId :

INFLUENT

Tot Ion: 43 Resp: 7459119

Ion Ratio Lower Upper

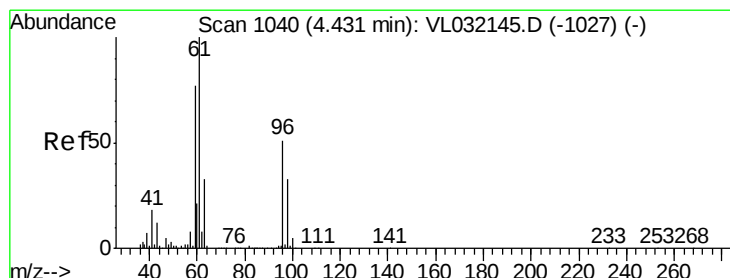
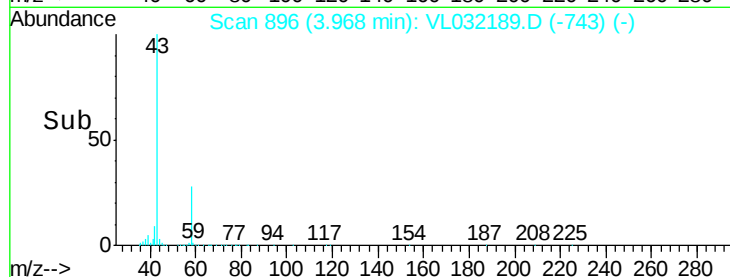
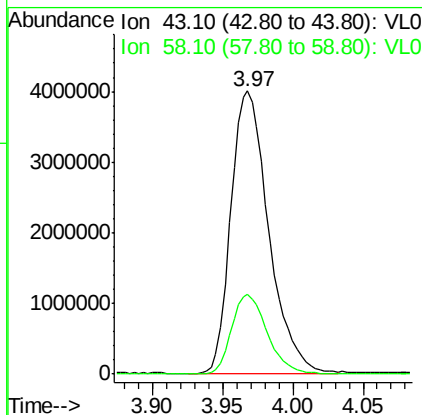
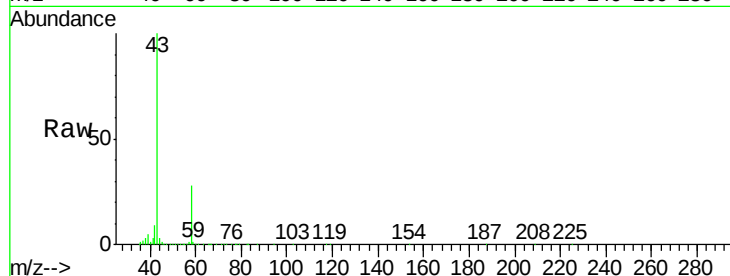
43 100

58 26.9 21.4 32.0

Manual Integrations
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7/3/2018 5:17:15 PM



#17

tert-Butyl alcohol

Concen: 10.86 ppbv

RT: 4.47 min Scan# 1052

Delta R.T. 0.03 min

Lab File: VL032189.D

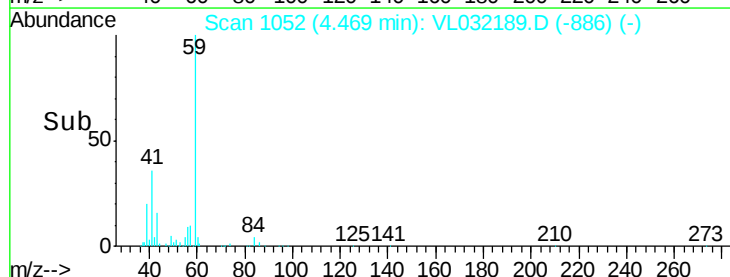
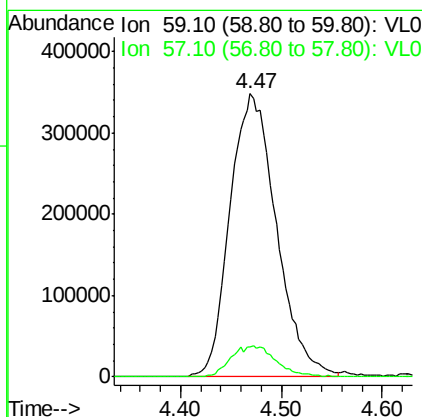
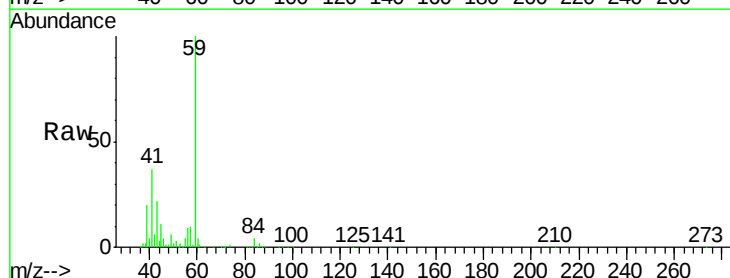
Acq: 2 Jul 2018 19:49

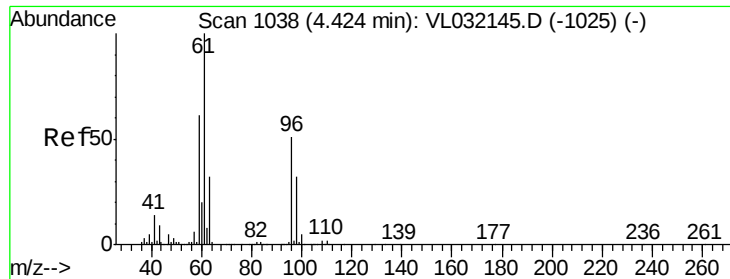
Tgt Ion: 59 Resp: 1110509

Ion Ratio Lower Upper

59 100

57 11.0 8.2 12.2





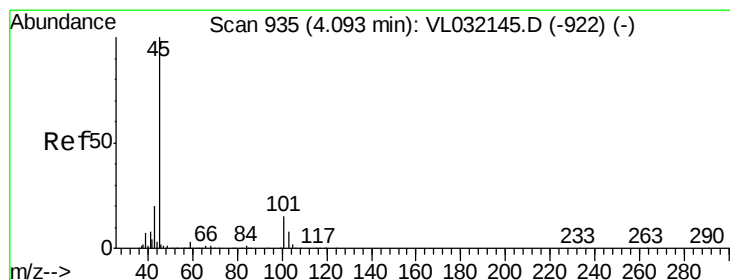
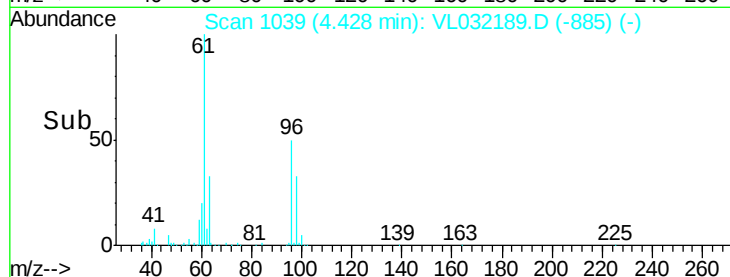
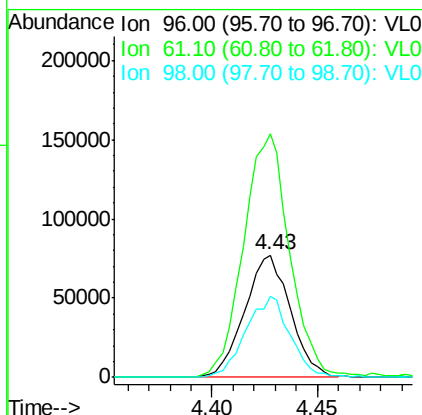
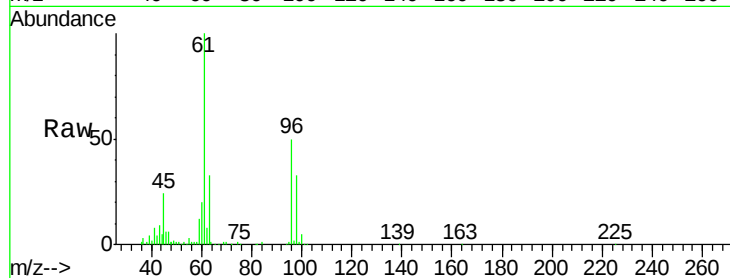
#18
 1,1-Dichloroethene
 Concen: 1.86 ppbv
 RT: 4.43 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: VL032189.D
 Acq: 2 Jul 2018 19:49

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Tot Ion	Ratio	Lower	Upper
96	100		
61	198.1	154.1	231.1
98	66.0	50.3	75.5

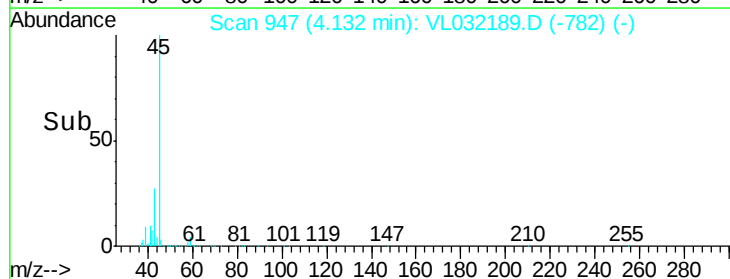
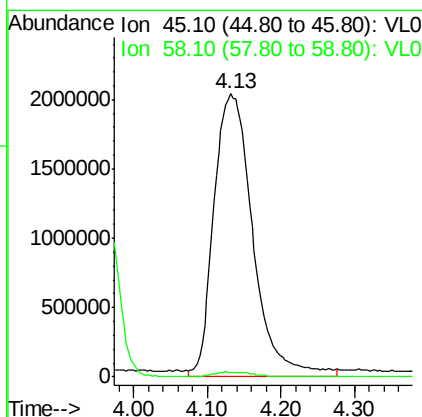
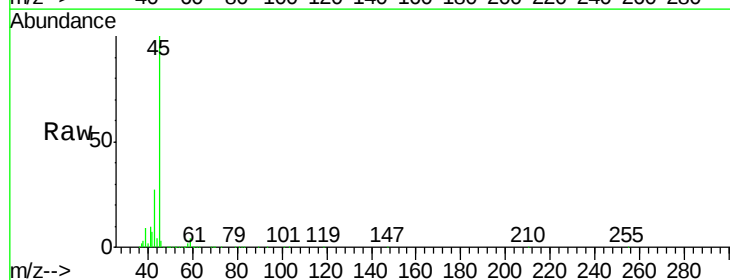
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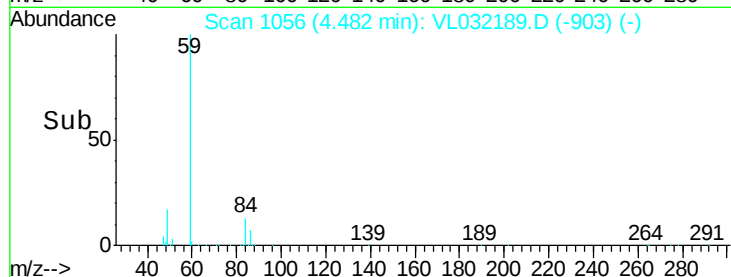
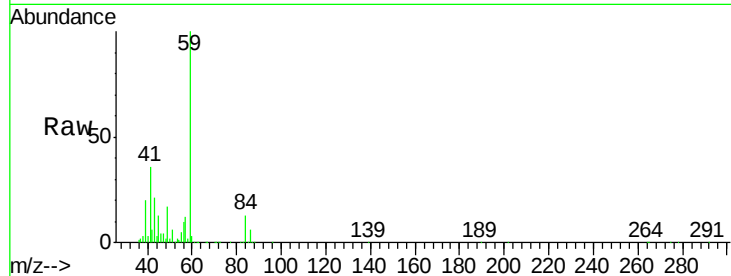
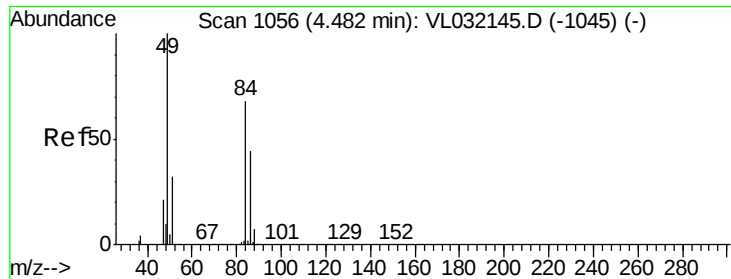
MMDadoda
 7/3/2018 5:17:15 PM



#19
 Isopropyl Alcohol
 Concen: 56.68 ppbv m
 RT: 4.13 min Scan# 947
 Delta R.T. 0.03 min
 Lab File: VL032189.D
 Acq: 2 Jul 2018 19:49

Tgt Ion	Ratio	Lower	Upper
45	100		
58	0.0	29.4	44.0#





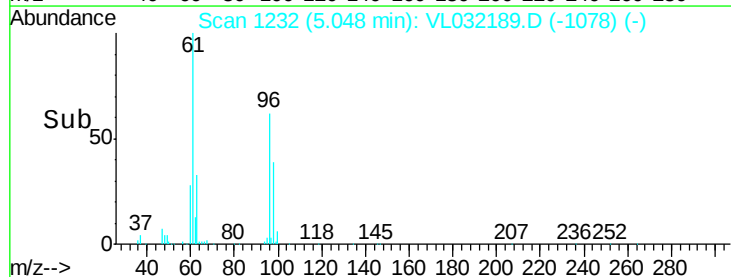
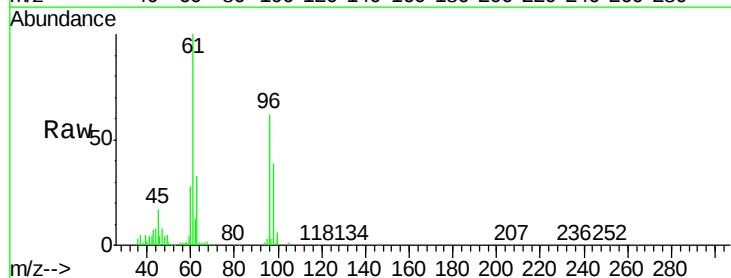
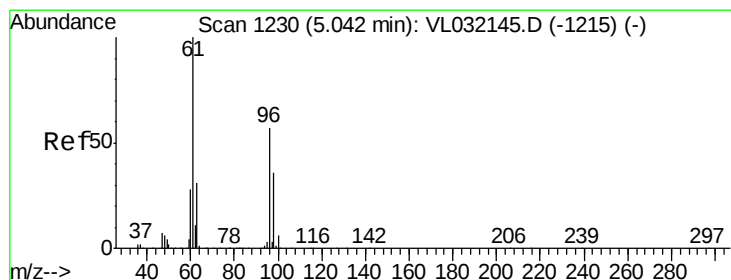
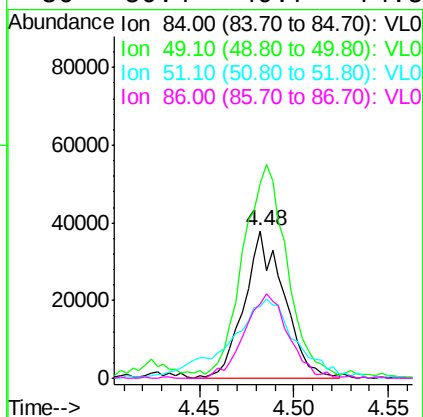
#20
Methvlene Chloride
Concen: 0.94 ppbv m
RT: 4.48 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VL032189.D
Acq: 2 Jul 2018 19:49

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	131.7	119.6	179.4	
51	49.0	36.3	54.5	
86	50.4	49.7	74.5	

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

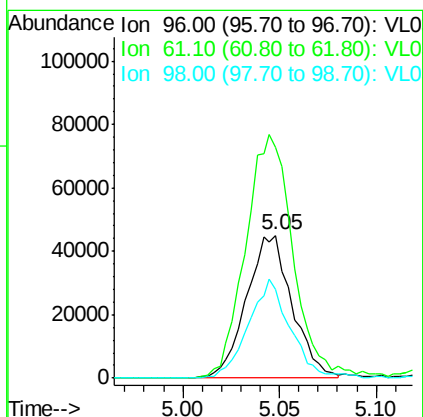
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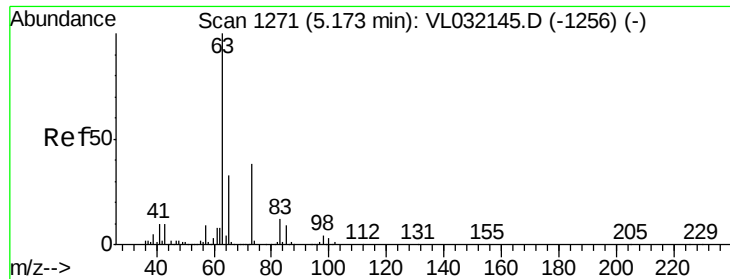
MMDadoda
7/3/2018 5:17:15 PM



#22
trans-1,2-Dichloroethene
Concen: 1.14 ppbv
RT: 5.05 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VL032189.D
Acq: 2 Jul 2018 19:49

Tgt Ion	Ion	Ratio	Lower	Upper
96	100			
61	160.7	135.2	202.8	
98	62.3	49.7	74.5	





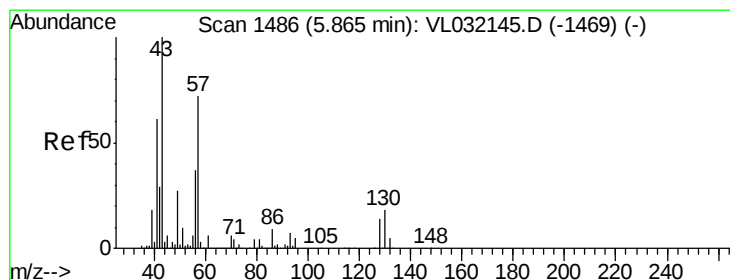
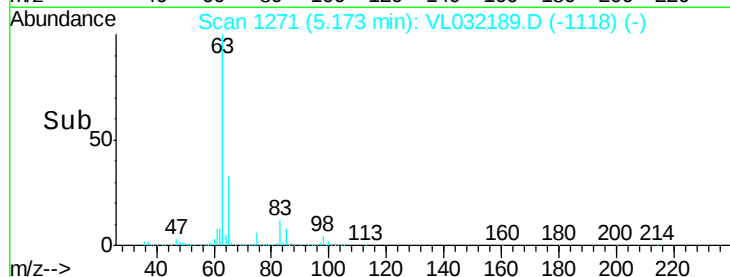
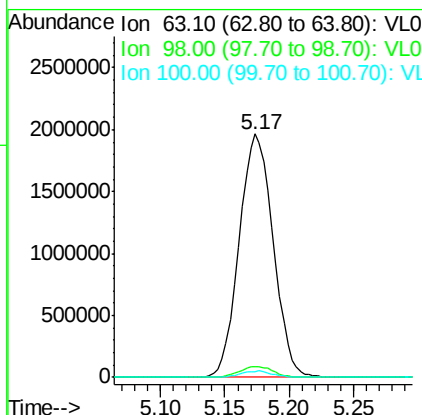
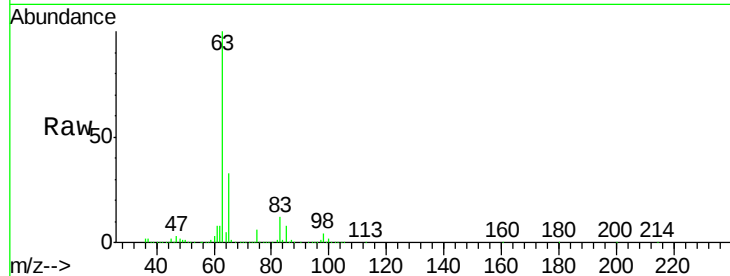
#24
 1,1-Dichloroethane
 Concen: 19.30 ppbv
 RT: 5.17 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: VL032189.D
 Acq: 2 Jul 2018 19:49

Instrument :
 MSVOA_L
 ClientSampled :
 INFLUENT

Tot Ion: 63 Resp: 3599758
 Ion Ratio Lower Upper
 63 100
 98 4.4 2.4 7.2
 100 2.5 1.7 5.0

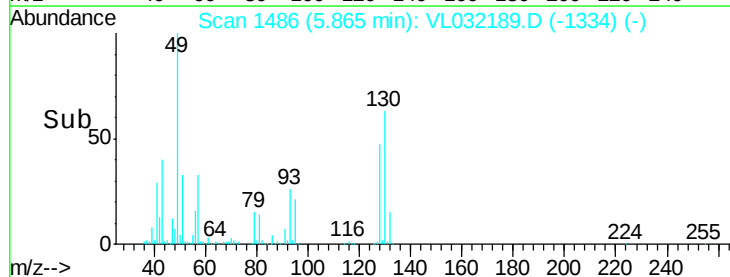
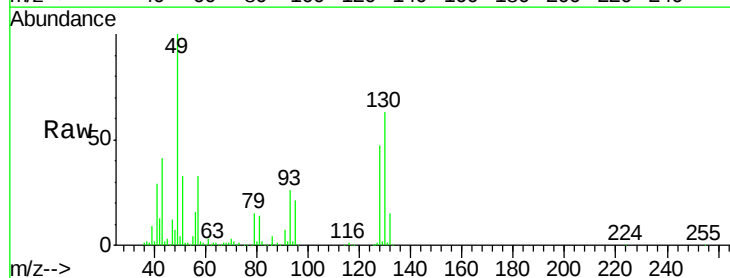
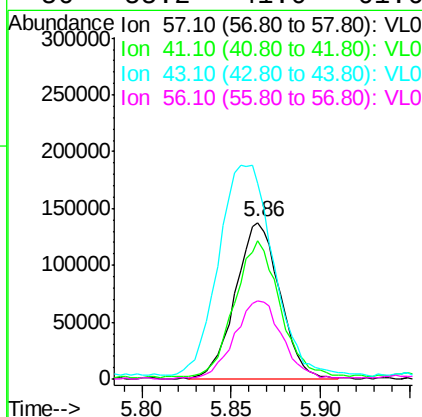
Manual Integrations
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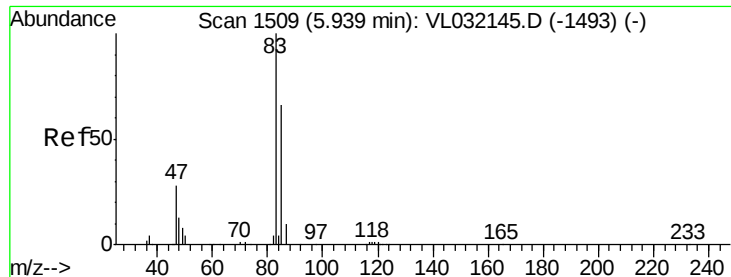
MMDadoda
 7/3/2018 5:17:15 PM



#26
 Hexane
 Concen: 1.54 ppbv
 RT: 5.86 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VL032189.D
 Acq: 2 Jul 2018 19:49

Tgt Ion: 57 Resp: 236361
 Ion Ratio Lower Upper
 57 100
 41 90.4 68.6 103.0
 43 168.8 168.6 252.8
 56 55.2 41.0 61.6





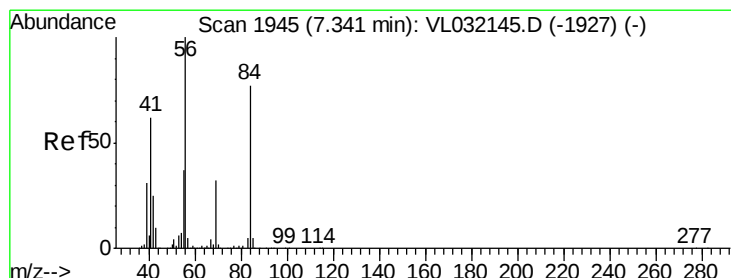
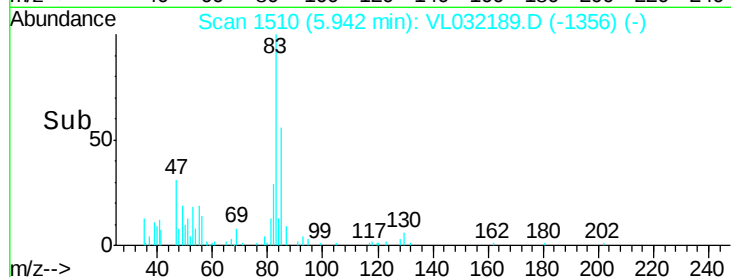
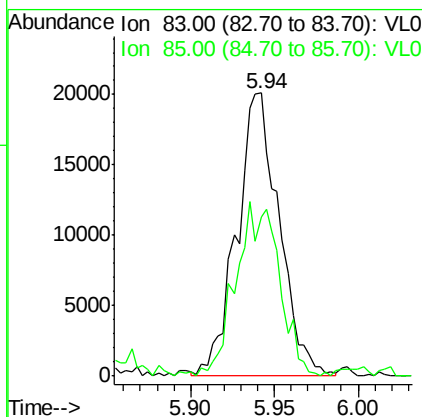
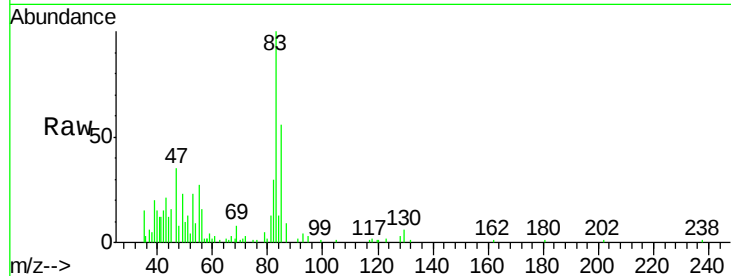
#29
Chloroform
Concen: 0.16 ppbv m
RT: 5.94 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VL032189.D
Acq: 2 Jul 2018 19:49

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tot Ion: 83 Resp: 35319
Ion Ratio Lower Upper
83 100
85 56.4 51.6 77.4

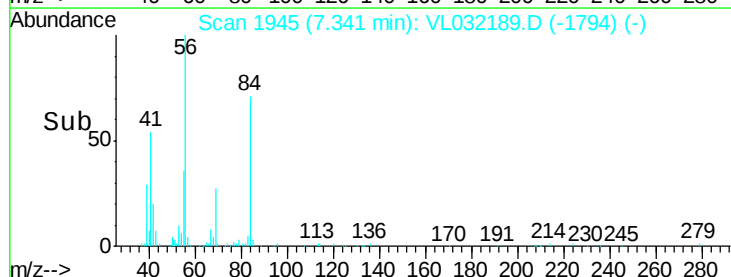
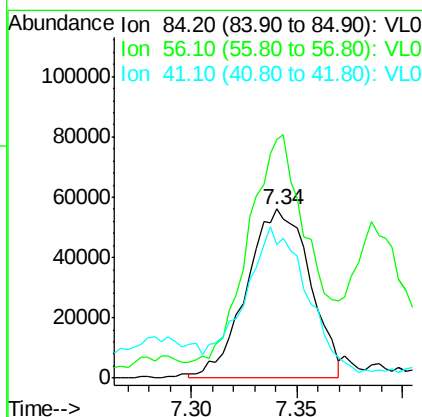
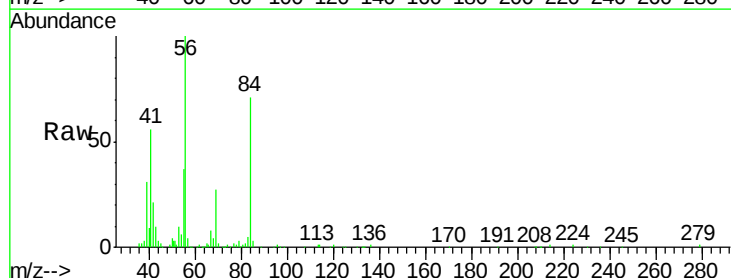
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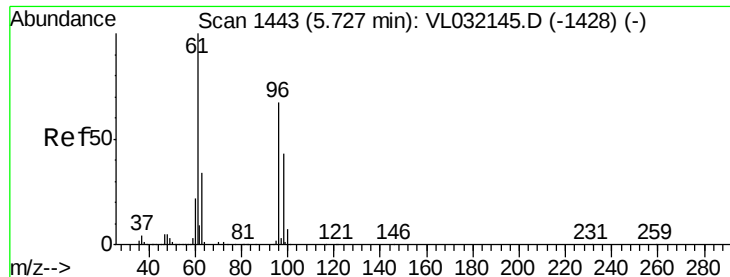
MMDadoda
7/3/2018 5:17:15 PM



#30
Cyclohexane
Concen: 0.81 ppbv
RT: 7.34 min Scan# 1945
Delta R.T. -0.02 min
Lab File: VL032189.D
Acq: 2 Jul 2018 19:49

Tgt Ion: 84 Resp: 116279
Ion Ratio Lower Upper
84 100
56 150.9 109.1 163.7
41 89.3 64.6 96.8





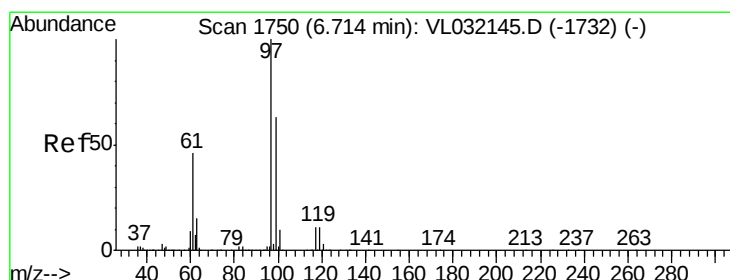
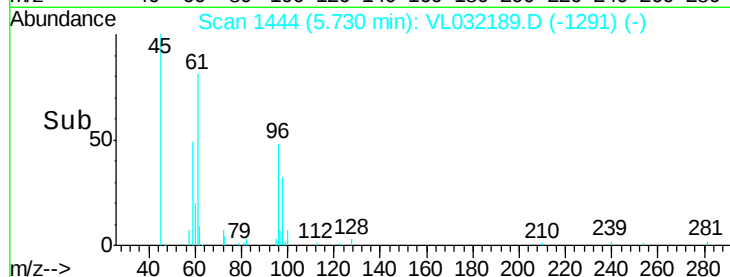
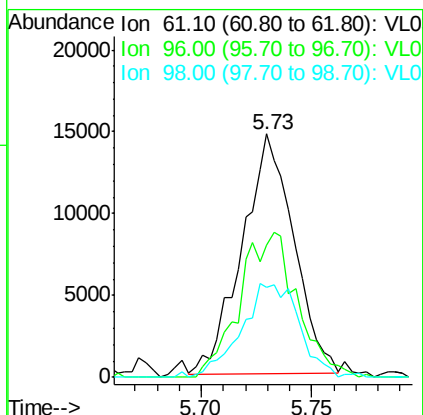
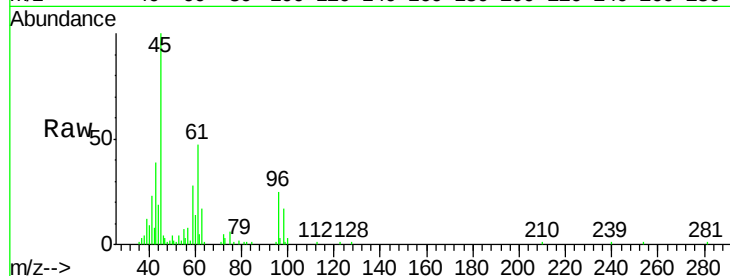
#31
 cis-1,2-Dichloroethene
 Concen: 0.16 ppbv
 RT: 5.73 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: VL032189.D
 Acq: 2 Jul 2018 19:49

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Tot Ion	Ratio	Lower	Upper
61	100		
96	55.1	54.2	81.4
98	37.4	34.6	52.0

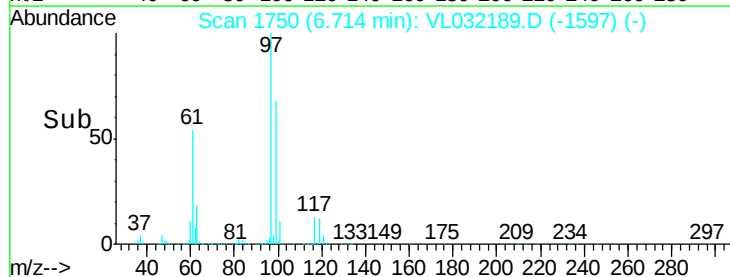
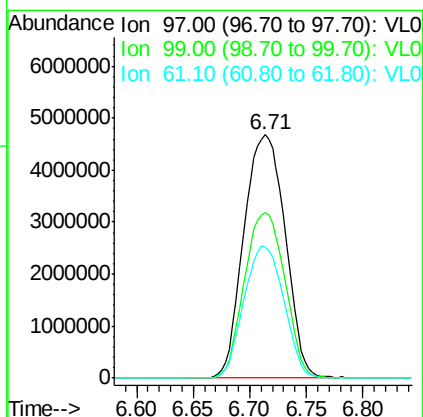
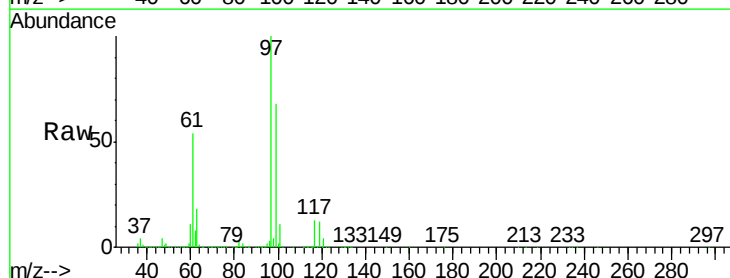
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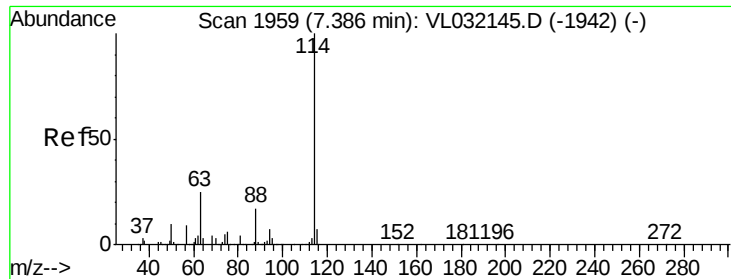
MMDadoda
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#32
 1,1,1-Trichloroethane
 Concen: 50.93 ppbv
 RT: 6.71 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: VL032189.D
 Acq: 2 Jul 2018 19:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.8	51.3	76.9
61	52.6	38.4	57.6





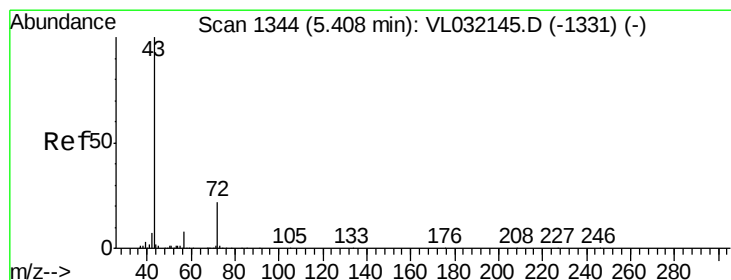
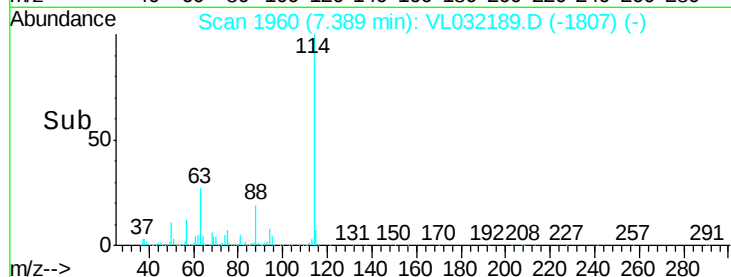
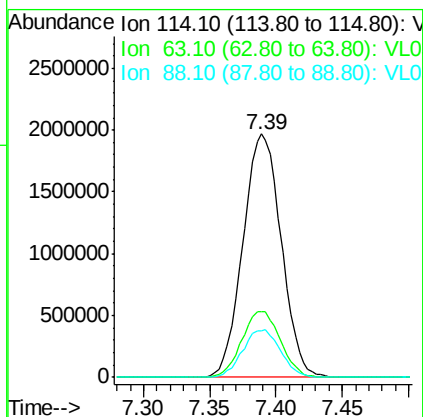
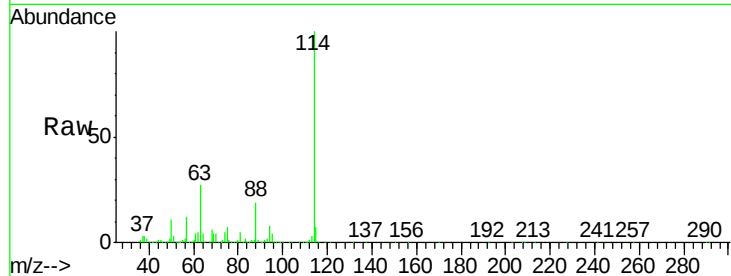
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.39 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: VL032189.D
 Acq: 2 Jul 2018 19:49

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.5	19.1	28.7
88	19.5	13.9	20.9

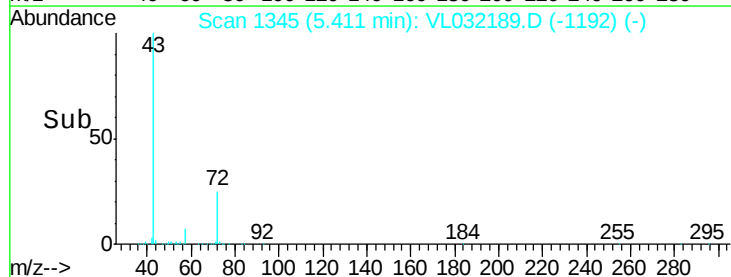
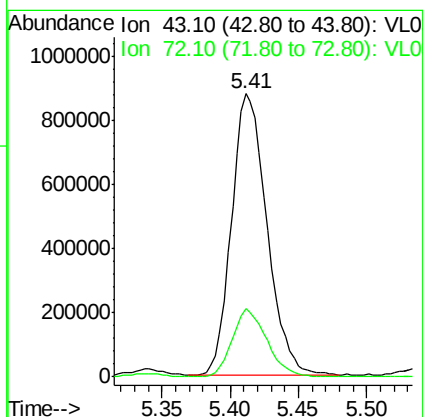
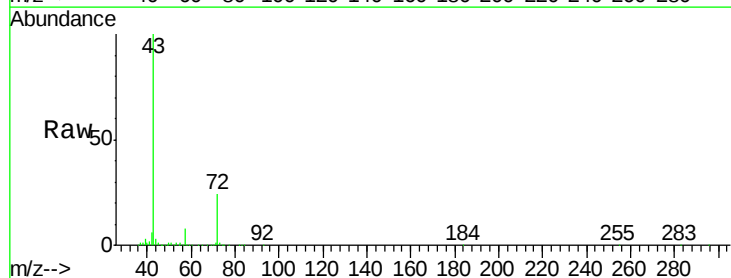
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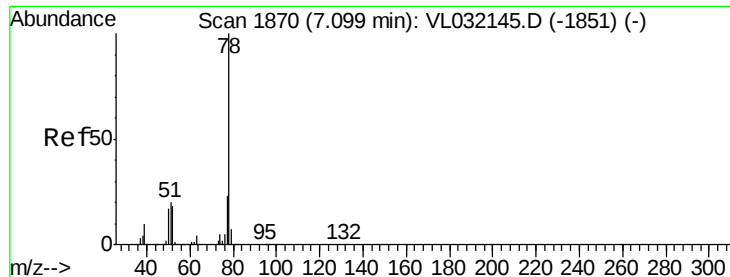
MMDadoda
 7/3/2018 5:17:15 PM



#34
 2-Butanone
 Concen: 6.32 ppbv
 RT: 5.41 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VL032189.D
 Acq: 2 Jul 2018 19:49

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.6	18.4	27.6





#36

Benzene

Concen: 0.68 ppbv

RT: 7.10 min Scan# 1870

Delta R.T. -0.01 min

Lab File: VL032189.D

Acq: 2 Jul 2018 19:49

Instrument :

MSVOA_L

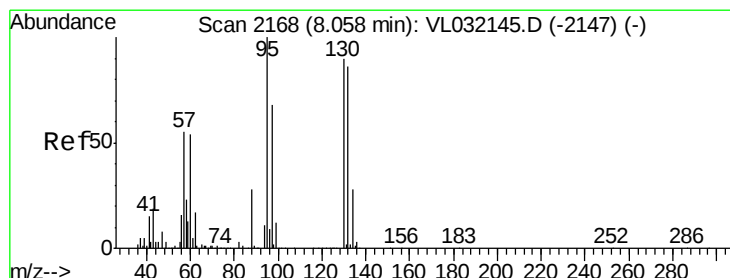
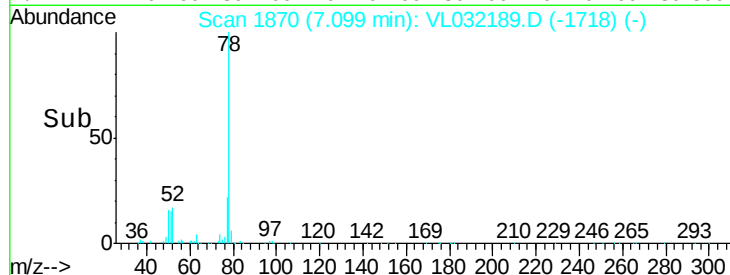
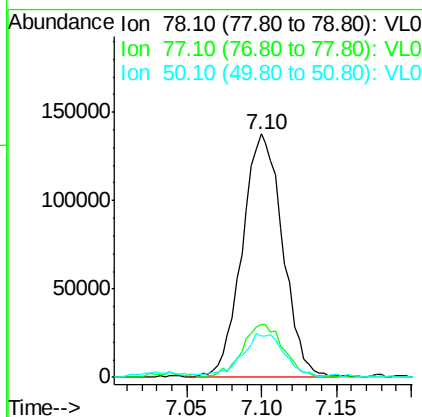
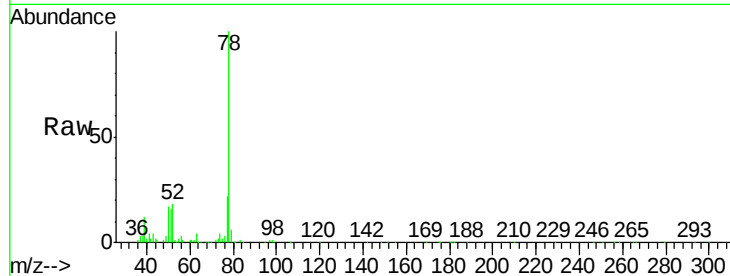
ClientSampleId :

INFLUENT

Tot Ion:	78	Resp:	258090
Ion	Ratio	Lower	Upper
78	100		
77	21.8	17.7	26.5
50	16.0	14.0	21.0

Manual Integrations
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7/3/2018 5:17:15 PM



#38

Trichloroethene

Concen: 0.25 ppbv m

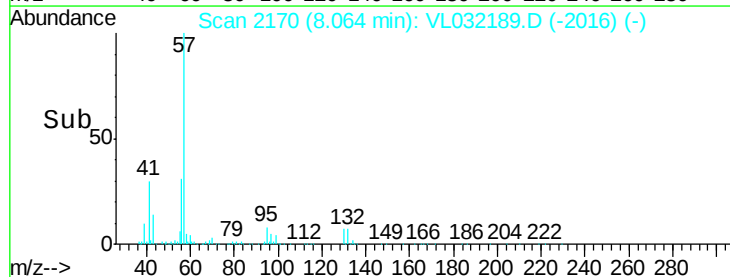
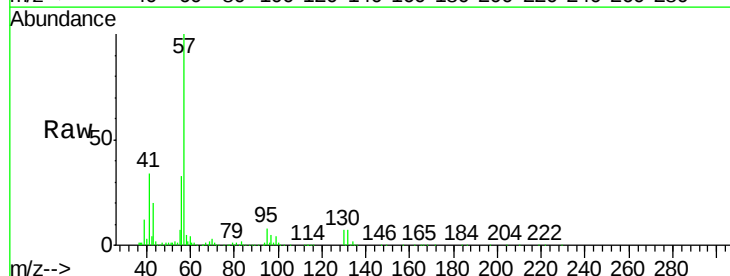
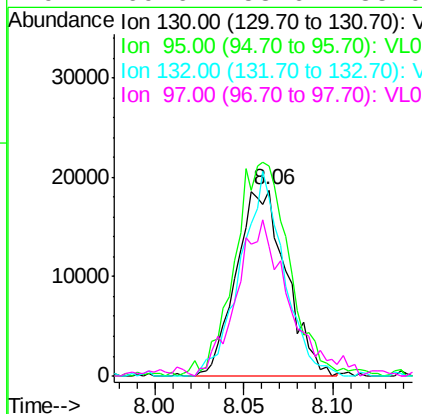
RT: 8.06 min Scan# 2170

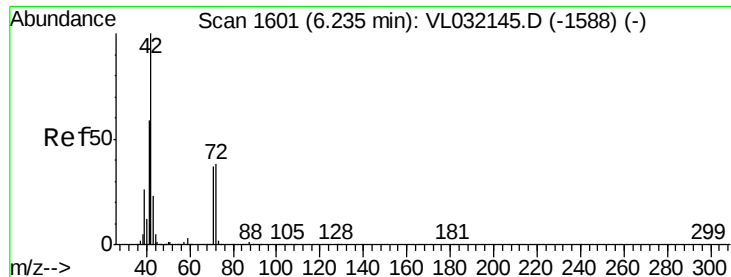
Delta R.T. -0.01 min

Lab File: VL032189.D

Acq: 2 Jul 2018 19:49

Tgt Ion:	130	Resp:	36620
Ion	Ratio	Lower	Upper
130	100		
95	112.9	88.1	132.1
132	95.2	74.6	112.0
97	69.6	58.6	88.0





#41

Tetrahydrofuran

Concen: 0.72 ppbv m

RT: 6.24 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VL032189.D

Acq: 2 Jul 2018 19:49

Instrument :

MSVOA_L

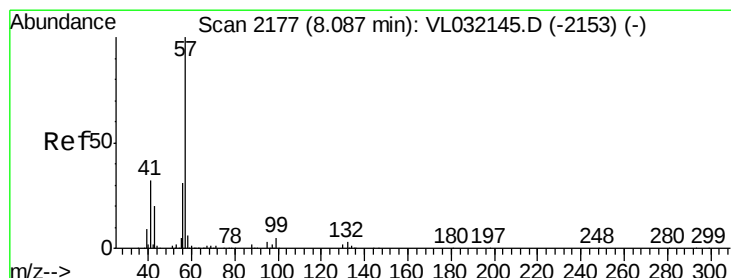
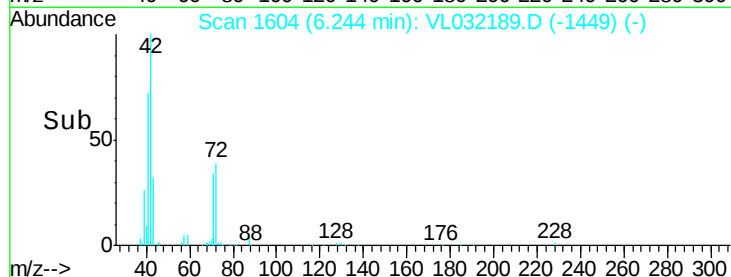
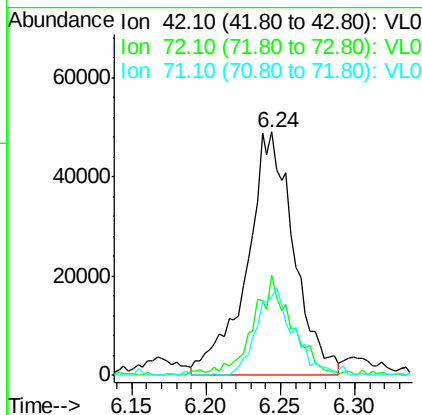
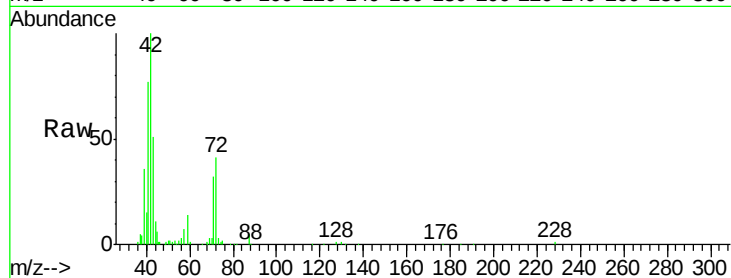
ClientSampleId :

INFLUENT

Tot Ion:	42	Resp:	108247
Ion	Ratio	Lower	Upper
42	100		
72	34.4	31.1	46.7
71	28.3	29.5	44.3#

Manual Integrations
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#44

2,2,4-Trimethylpentane

Concen: 3.09 ppbv

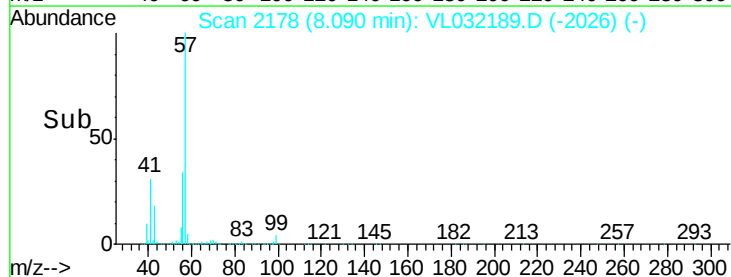
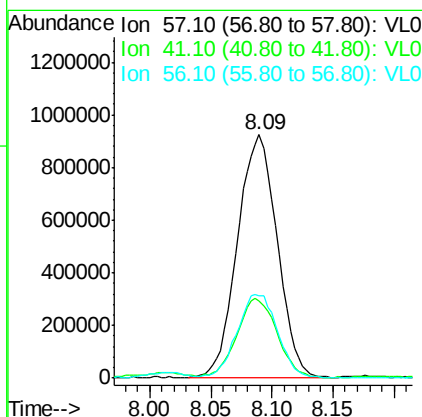
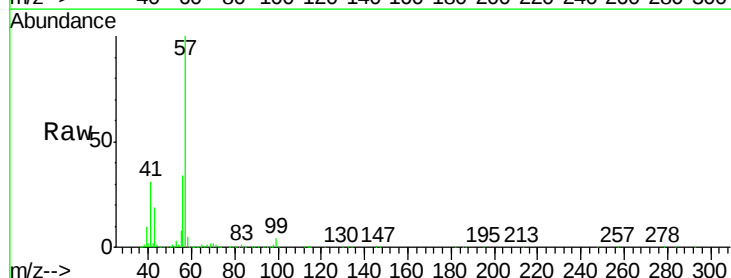
RT: 8.09 min Scan# 2178

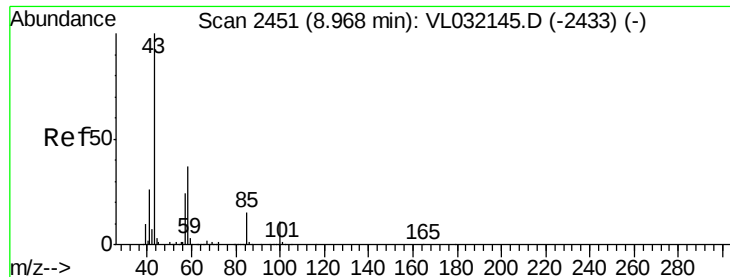
Delta R.T. -0.01 min

Lab File: VL032189.D

Acq: 2 Jul 2018 19:49

Tgt Ion:	57	Resp:	2066776
Ion	Ratio	Lower	Upper
57	100		
41	33.5	24.3	36.5
56	35.3	25.1	37.7





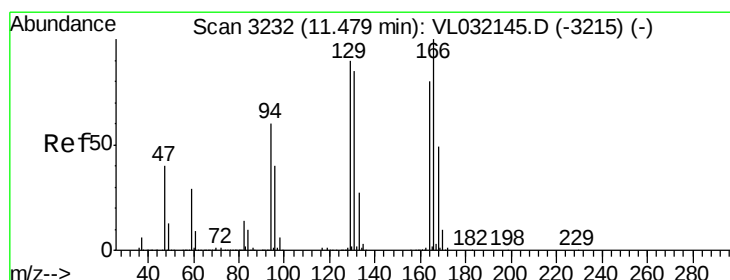
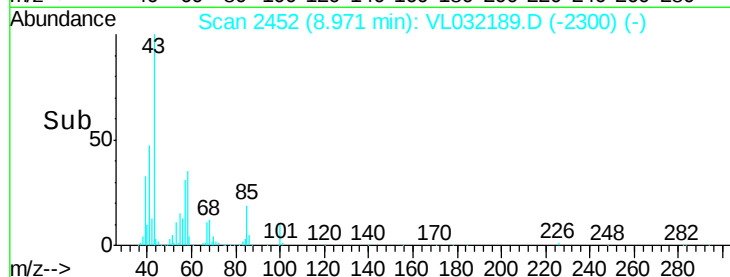
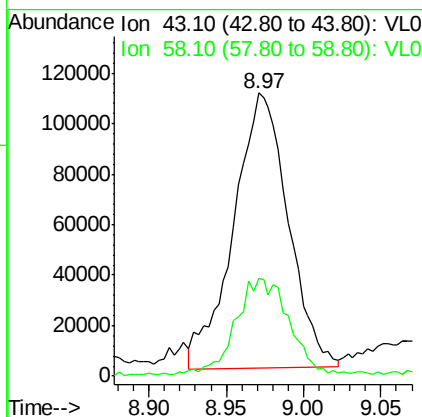
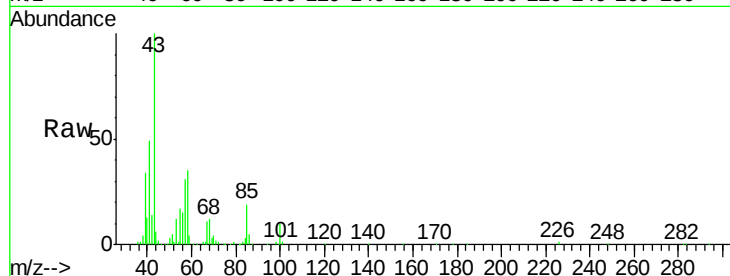
#50
4-Methyl-2-Pentanone
Concen: 0.65 ppbv
RT: 8.97 min Scan# 2452
Delta R.T. -0.01 min
Lab File: VL032189.D
Acq: 2 Jul 2018 19:49

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.8	44.6

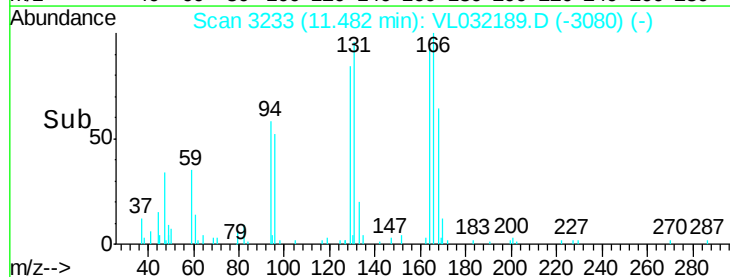
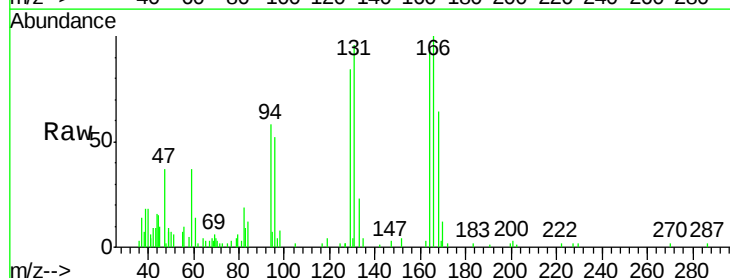
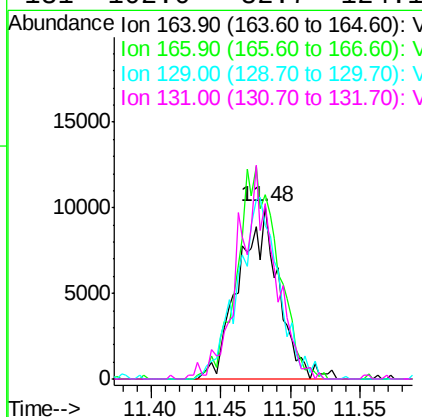
Manual Integrations
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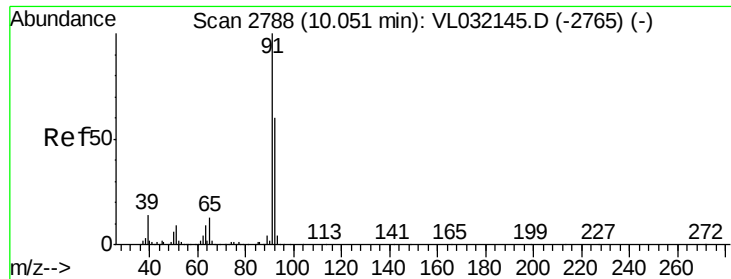
MMDadoda
7/3/2018 5:17:15 PM



#52
Tetrachloroethene
Concen: 0.14 ppbv m
RT: 11.48 min Scan# 3233
Delta R.T. -0.01 min
Lab File: VL032189.D
Acq: 2 Jul 2018 19:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	106.6	100.6	151.0
129	89.1	84.0	126.0
131	102.0	82.7	124.1





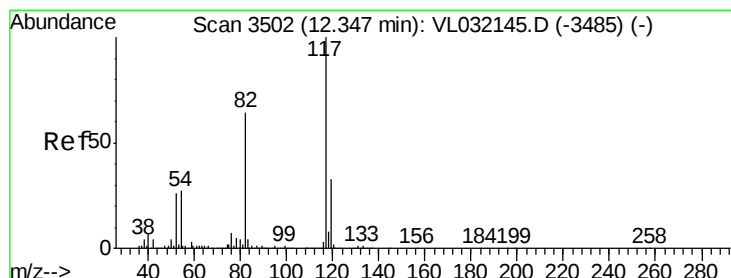
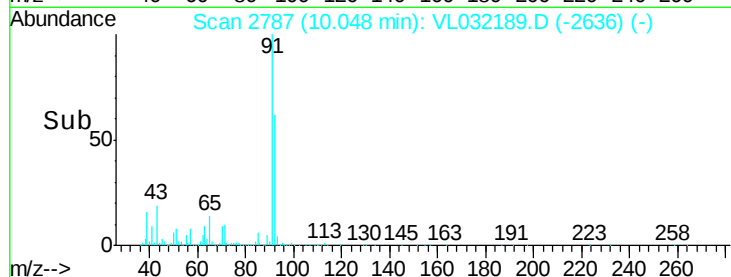
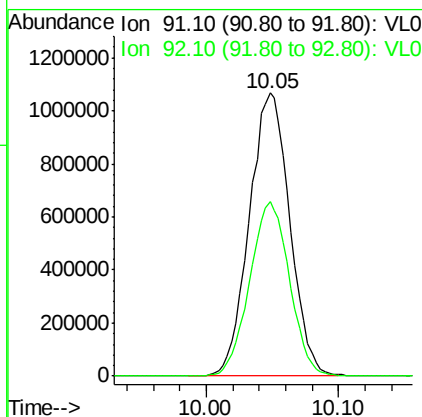
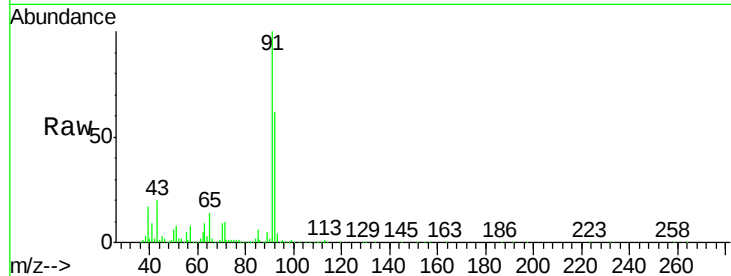
#53
Toluene
Concen: 4.93 ppbv
RT: 10.05 min Scan# 2787
Delta R.T. -0.02 min
Lab File: VL032189.D
Acq: 2 Jul 2018 19:49

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tot Ion: 91 Resp: 2272566
Ion Ratio Lower Upper
91 100
92 60.8 49.2 73.8

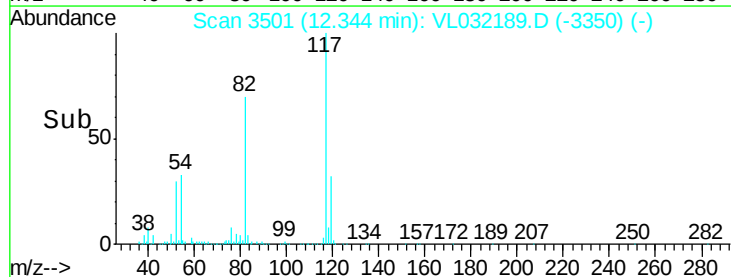
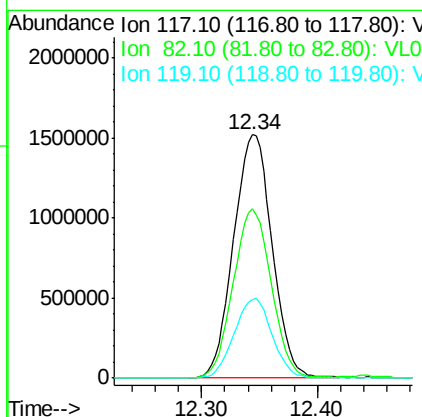
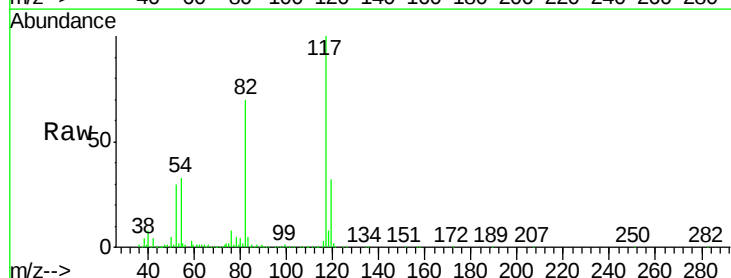
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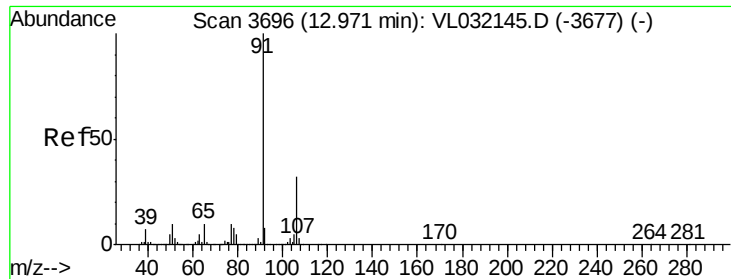
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#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.34 min Scan# 3501
Delta R.T. -0.02 min
Lab File: VL032189.D
Acq: 2 Jul 2018 19:49

Tgt Ion: 117 Resp: 3506616
Ion Ratio Lower Upper
117 100
82 68.9 47.8 71.8
119 32.5 43.3 64.9#





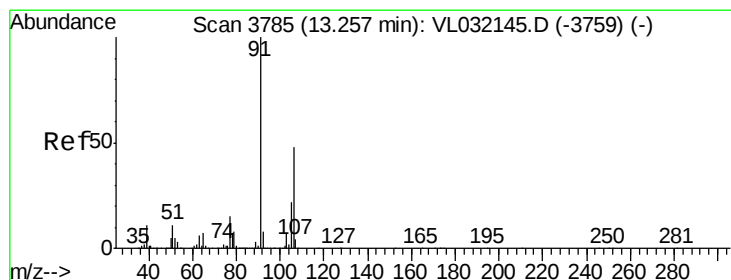
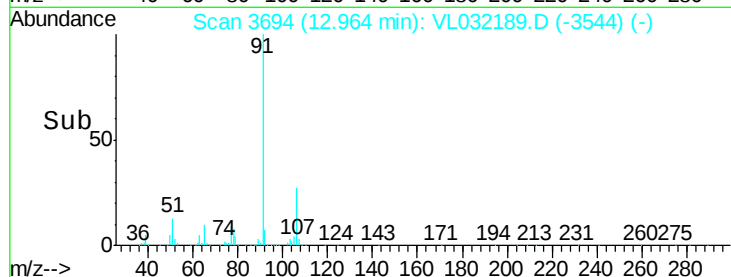
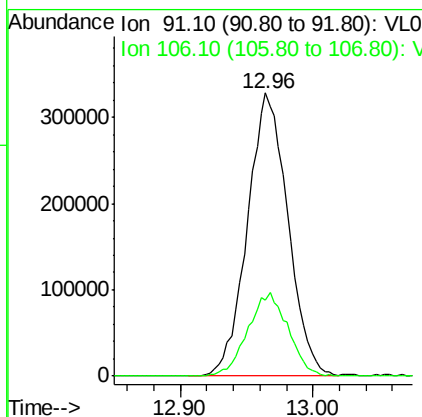
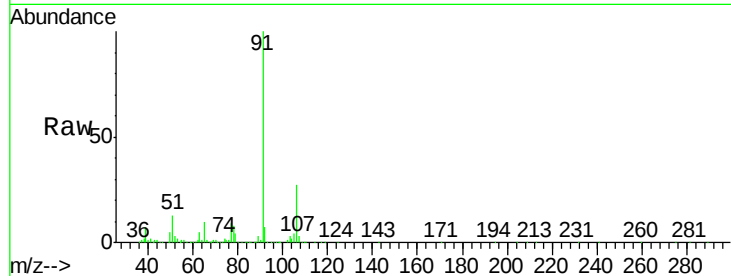
#58
Ethyl Benzene
Concen: 1.24 ppbv
RT: 12.96 min Scan# 3694
Delta R.T. -0.02 min
Lab File: VL032189.D
Acq: 2 Jul 2018 19:49

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tot Ion: 91 Resp: 698195
Ion Ratio Lower Upper
91 100
106 26.7 26.5 39.7

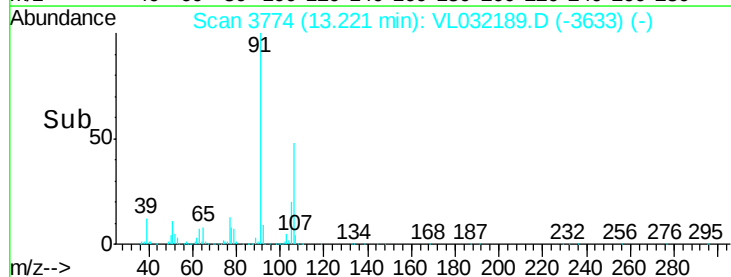
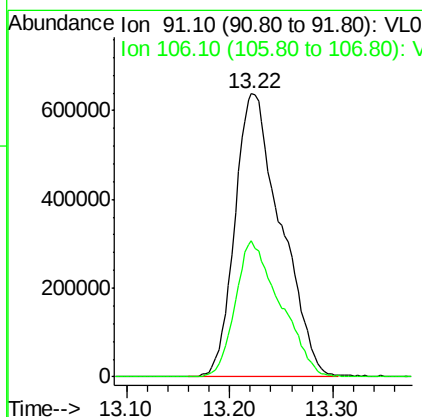
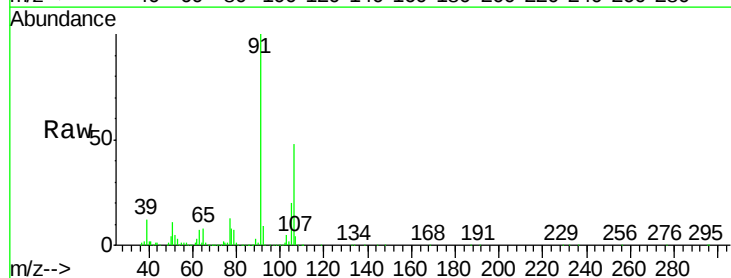
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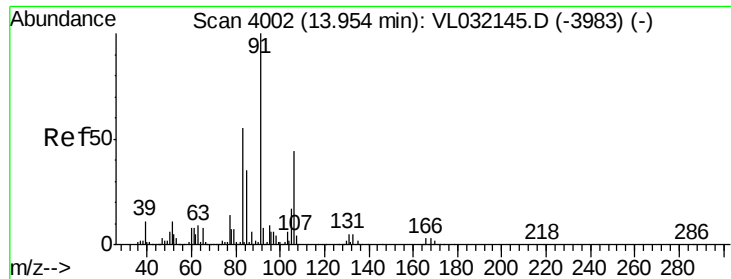
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#59
m/p-Xylene
Concen: 4.36 ppbv
RT: 13.22 min Scan# 3774
Delta R.T. -0.05 min
Lab File: VL032189.D
Acq: 2 Jul 2018 19:49

Tgt Ion: 91 Resp: 1975514
Ion Ratio Lower Upper
91 100
106 46.9 38.6 58.0





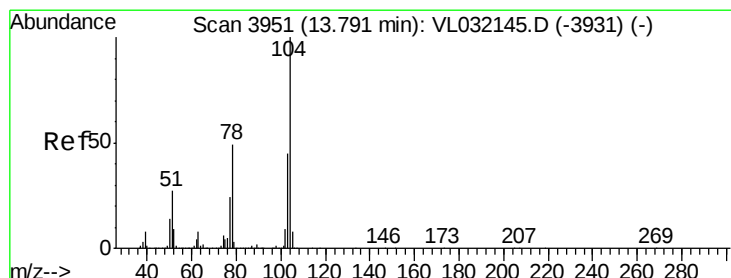
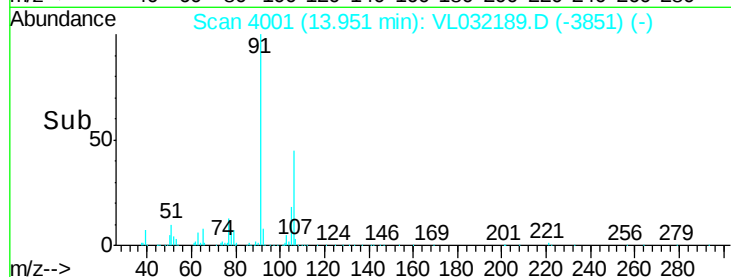
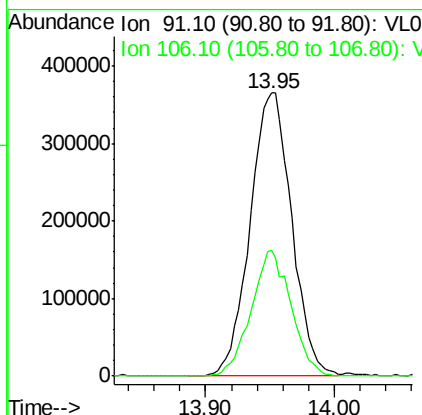
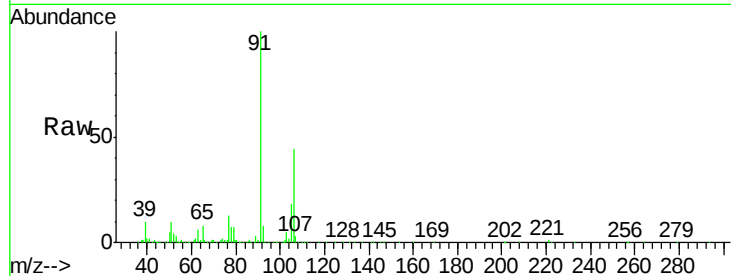
#60
o-Xylene
Concen: 1.82 ppbv
RT: 13.95 min Scan# 4001
Delta R.T. -0.02 min
Lab File: VL032189.D
Acq: 2 Jul 2018 19:49

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tot Ion	Ratio	Lower	Upper
91	100		
106	42.7	23.3	69.8

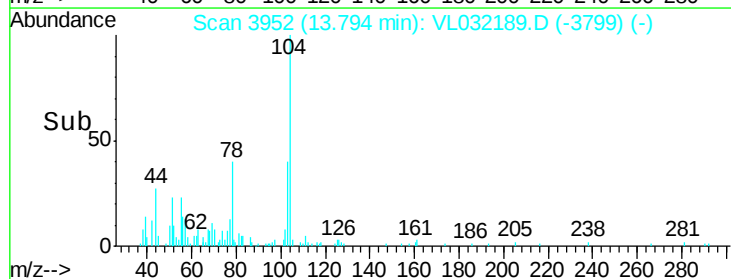
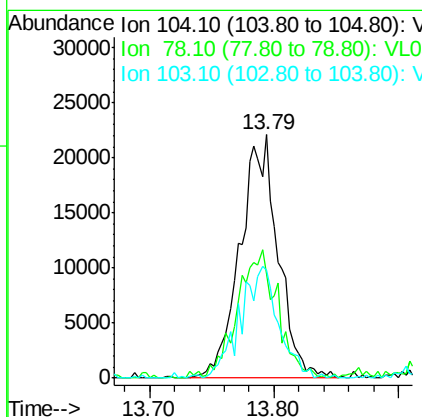
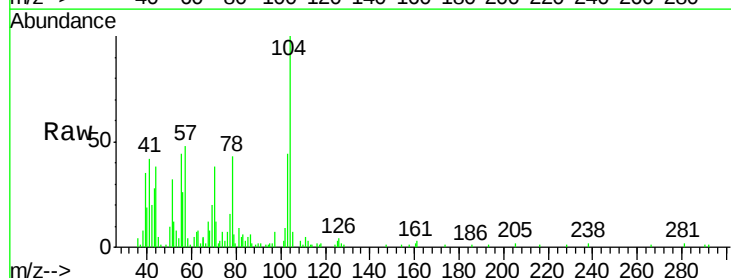
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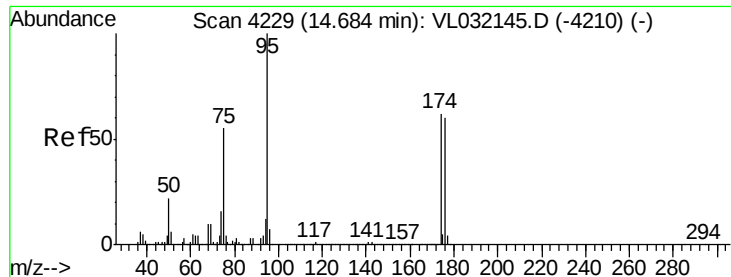
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7/3/2018 5:17:15 PM



#61
Styrene
Concen: 0.13 ppbv m
RT: 13.79 min Scan# 3952
Delta R.T. -0.01 min
Lab File: VL032189.D
Acq: 2 Jul 2018 19:49

Tgt Ion	Ratio	Lower	Upper
104	100		
78	0.0	37.9	56.9#
103	0.0	36.6	55.0#





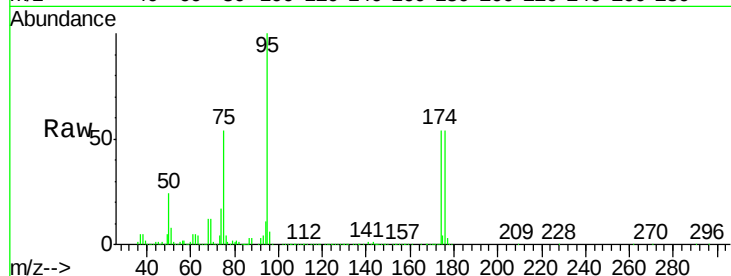
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.78 ppbv
 RT: 14.68 min Scan# 4228
 Delta R.T. -0.02 min
 Lab File: VL032189.D
 Acq: 2 Jul 2018 19:49

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

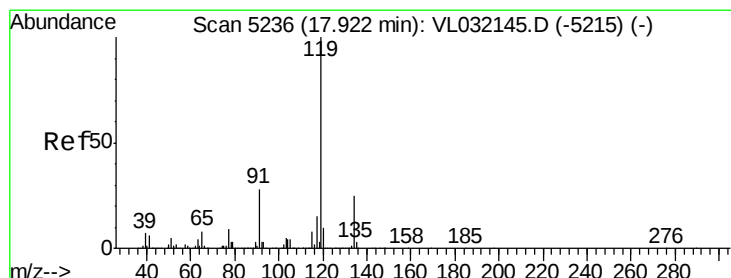
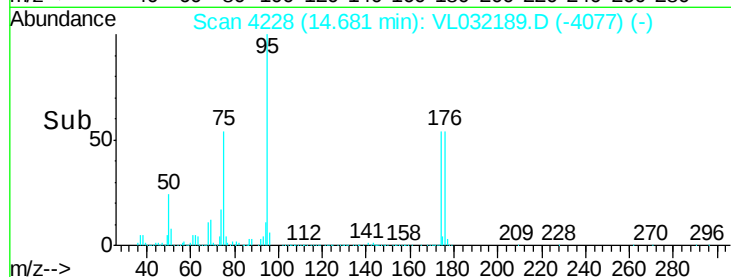
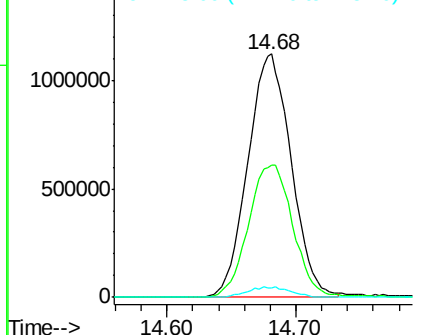
Tot Ion: 95 Resp: 2620488
 Ion Ratio Lower Upper
 95 100
 174 56.6 52.1 78.1
 175 4.2 4.0 6.0

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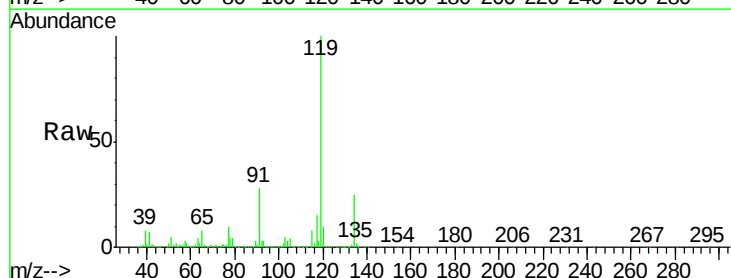


Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

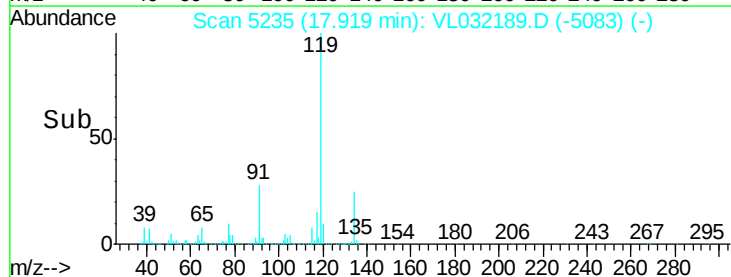
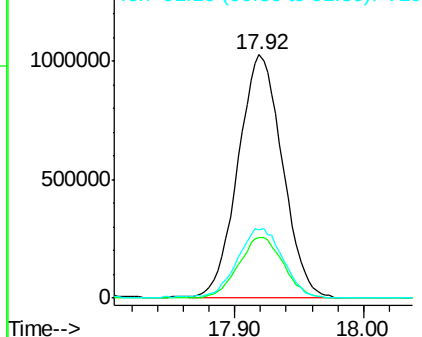


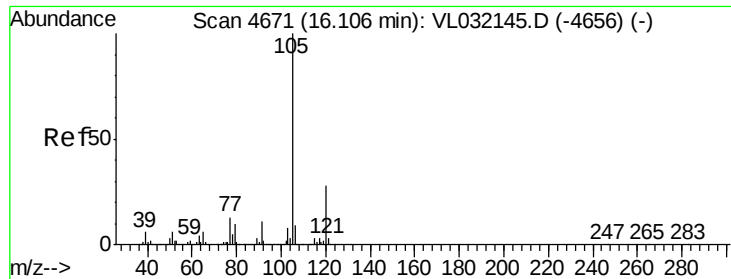
#69
 p-Isopropyltoluene
 Concen: 3.40 ppbv
 RT: 17.92 min Scan# 5235
 Delta R.T. -0.01 min
 Lab File: VL032189.D
 Acq: 2 Jul 2018 19:49

Tgt Ion: 119 Resp: 2437228
 Ion Ratio Lower Upper
 119 100
 134 25.3 20.7 31.1
 91 30.1 21.8 32.8



Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): VL0





#72

4-Ethyltoluene

Concen: 0.45 ppbv

RT: 16.10 min Scan# 4669

Delta R.T. -0.02 min

Lab File: VL032189.D

Acq: 2 Jul 2018 19:49

Instrument :

MSVOA_L

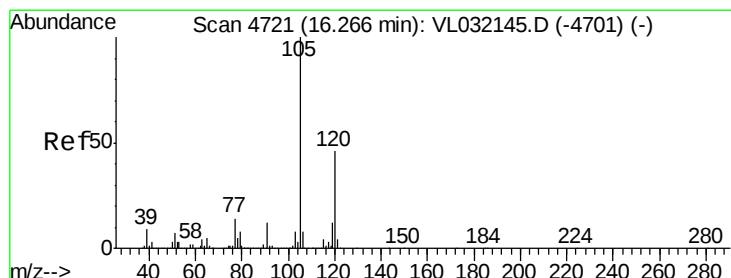
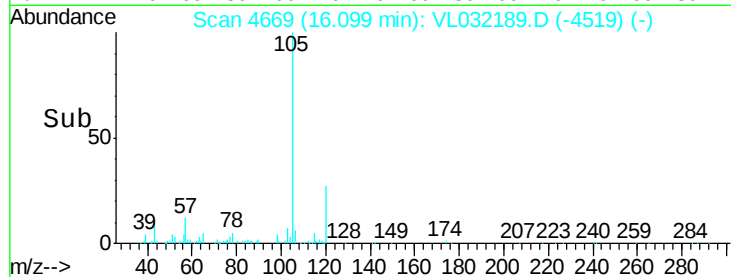
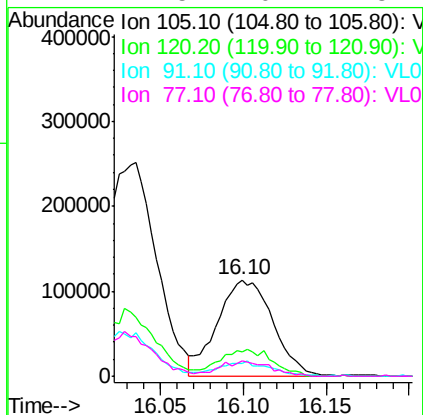
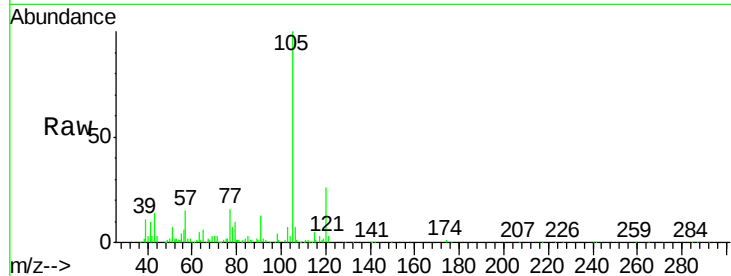
ClientSampleId :

INFLUENT

Tot Ion:	105	Resp:	261120
Ion Ratio	Lower	Upper	
105	100		
120	26.3	24.3	36.5
91	13.5	9.4	14.0
77	14.5	10.2	15.2

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7/3/2018 5:17:15 PM



#73

1,3,5-Trimethylbenzene

Concen: 0.39 ppbv m

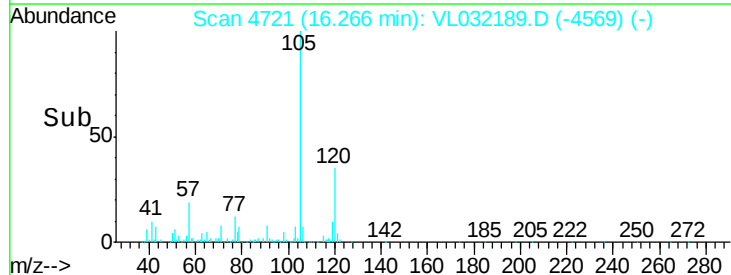
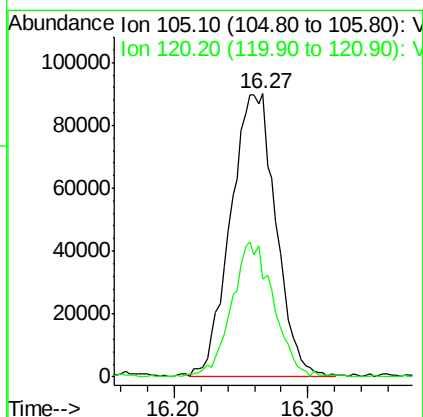
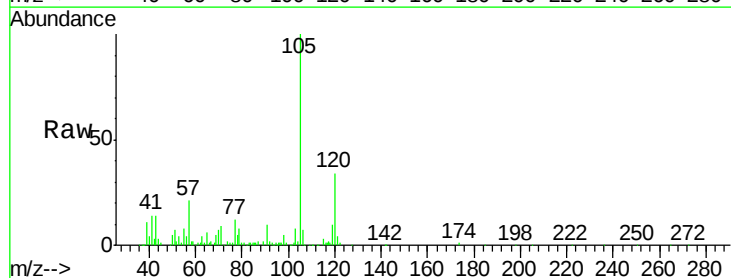
RT: 16.27 min Scan# 4721

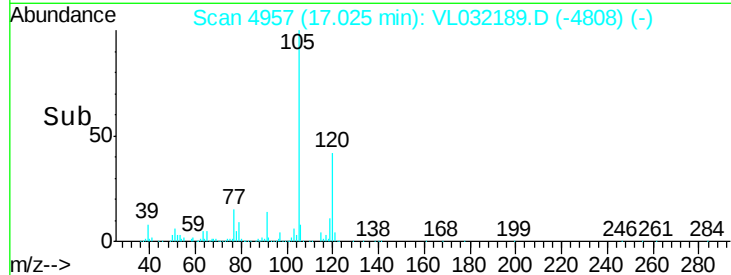
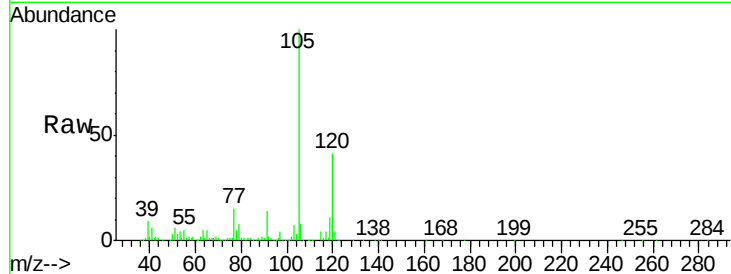
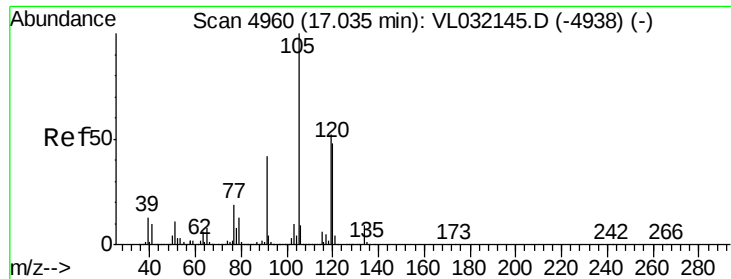
Delta R.T. -0.01 min

Lab File: VL032189.D

Acq: 2 Jul 2018 19:49

Tgt Ion:	105	Resp:	211803
Ion Ratio	Lower	Upper	
105	100		
120	34.5	38.6	57.8#





#74
 1,2,4-Trimethylbenzene
 Concen: 1.20 ppbv
 RT: 17.03 min Scan# 4957
 Delta R.T. -0.02 min
 Lab File: VL032189.D
 Acq: 2 Jul 2018 19:49

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Tot Ion:	105	Resp:	664517
Ion Ratio		Lower	Upper
105	100		
120	41.4	38.8	58.2
91	13.3	33.6	50.4#
77	15.0	16.0	24.0#

Manual Integrations
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