

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
 Data File : VL033959.D
 Acq On : 25 Jun 2019 5:55
 Operator : SY/AP
 Sample : K3474-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 8:16:12 AM

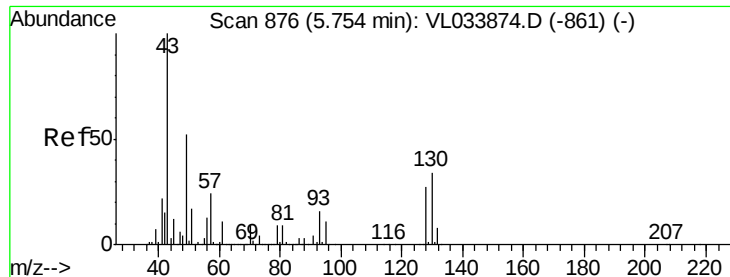
Quant Time: Jun 25 06:46:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.74	49	821458	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.27	114	1938588	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.21	117	2405819	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.55	95	1833309	9.28	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	52022	0.390	ppbv	93
3) Chlorodifluoromethane	3.00	51	74354m	0.769	ppbv	
4) Chloromethane	3.16	50	14704	0.267	ppbv	98
7) Chloroethane	3.59	64	10527	0.520	ppbv	99
9) Propene	3.03	41	71252	1.969	ppbv	90
10) Heptane	8.22	43	16901	0.185	ppbv	98
11) Trichlorofluoromethane	3.99	101	82507	0.480	ppbv	89
12) 1,1,2-Trichlorotrifluoroet	4.54	101	51759	0.445	ppbv	97
13) Ethanol	3.65	45	1745821	148.290	ppbv	97
15) Acetone	3.89	43	2455907	20.499	ppbv	100
17) tert-Butyl alcohol	4.36	59	151960	1.623	ppbv	99
18) 1,1-Dichloroethene	4.34	96	30111	0.613	ppbv	94
19) Isopropyl Alcohol	4.03	45	2133825	31.177	ppbv	99
20) Methylene Chloride	4.40	84	169299	3.624	ppbv	96
22) trans-1,2-Dichloroethene	4.95	96	88475	1.710	ppbv	88
23) Vinyl Acetate	5.13	43	207387	1.489	ppbv #	79
24) 1,1-Dichloroethane	5.07	63	755534	6.976	ppbv	99
26) Hexane	5.76	57	160189	1.928	ppbv #	43
29) Chloroform	5.83	83	28801m	0.202	ppbv	
32) 1,1,1-Trichloroethane	6.60	97	4321830	31.489	ppbv	99
34) 2-Butanone	5.31	43	480473	4.393	ppbv	99
35) Carbon Tetrachloride	7.11	117	10394	0.069	ppbv #	67
36) Benzene	6.98	78	36894m	0.249	ppbv	
38) Trichloroethene	7.95	130	23104m	0.401	ppbv	
41) Tetrahydrofuran	6.13	42	418762	7.544	ppbv	99
44) 2,2,4-Trimethylpentane	7.96	57	123123	0.468	ppbv #	49
52) Tetrachloroethene	11.34	164	10579m	0.203	ppbv	
53) Toluene	9.92	91	574324	3.505	ppbv	99
58) Ethyl Benzene	12.84	91	153425	0.566	ppbv	100
59) m/p-Xylene	13.09	91	461820	1.872	ppbv	98
60) o-Xylene	13.82	91	219314	0.861	ppbv	99
61) Styrene	13.66	104	17997	0.109	ppbv	91
72) 4-Ethyltoluene	15.97	105	56399m	0.195	ppbv	
73) 1,3,5-Trimethylbenzene	16.13	105	49450m	0.173	ppbv	
74) 1,2,4-Trimethylbenzene	16.89	105	192279	0.584	ppbv #	72

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.74 min Scan# 873

Delta R.T. -0.01 min

Lab File: VL033959.D

Acq: 25 Jun 2019 5:55

Instrument :

MSVOA_L

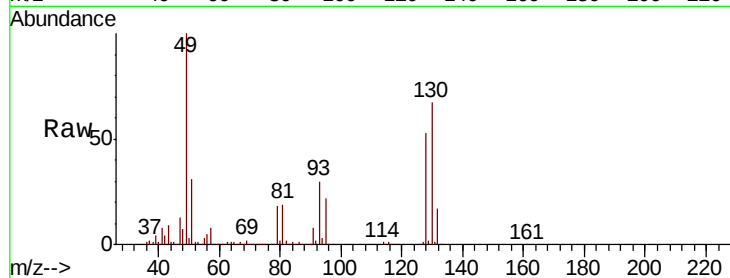
ClientSampleId :

INFLUENT

Tot Ion	Ratio	Lower	Upper
49	100		
128	51.1	25.5	76.5
130	65.9	32.5	97.4

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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

5.74

400000

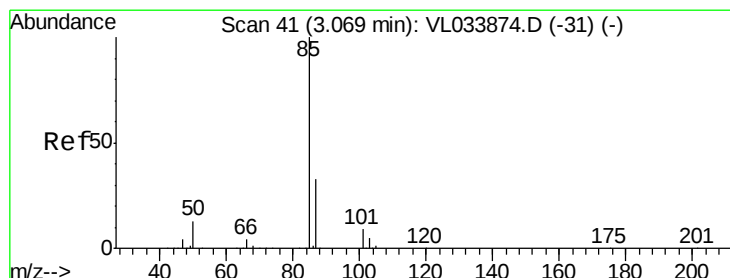
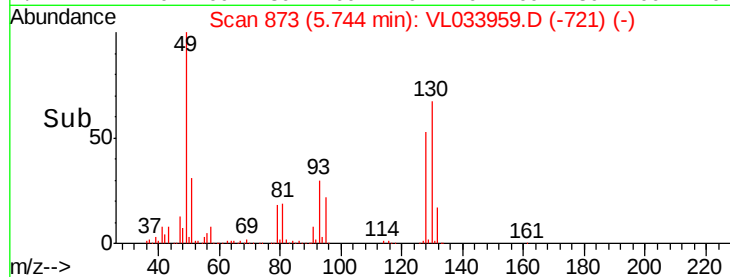
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.390 ppbv

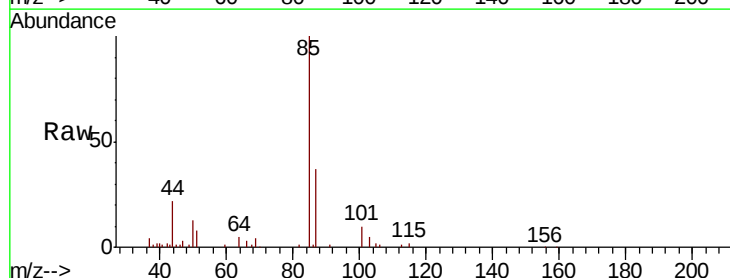
RT: 3.07 min Scan# 41

Delta R.T. -0.00 min

Lab File: VL033959.D

Acq: 25 Jun 2019 5:55

Tgt Ion	Ratio	Lower	Upper
85	100		
87	37.1	26.6	40.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.07

40000

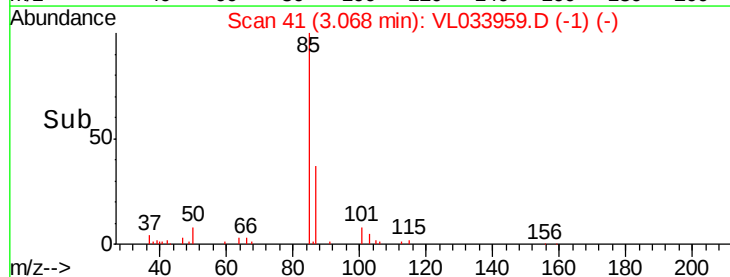
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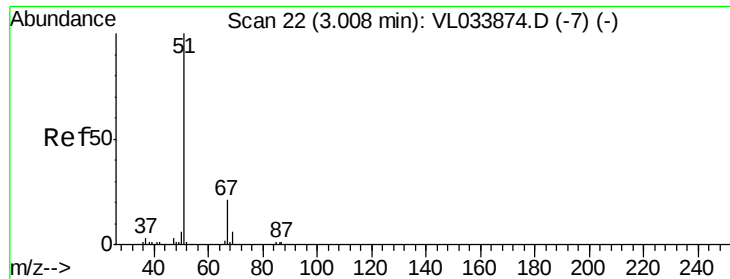
20000

10000

0

Time-->





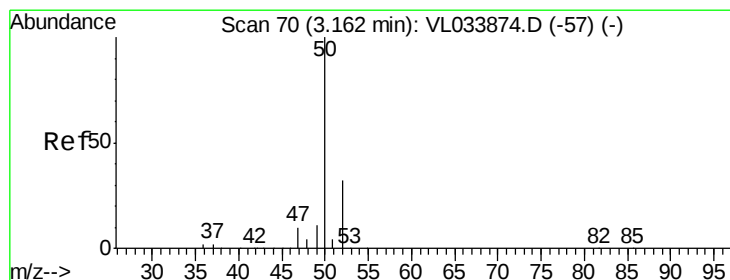
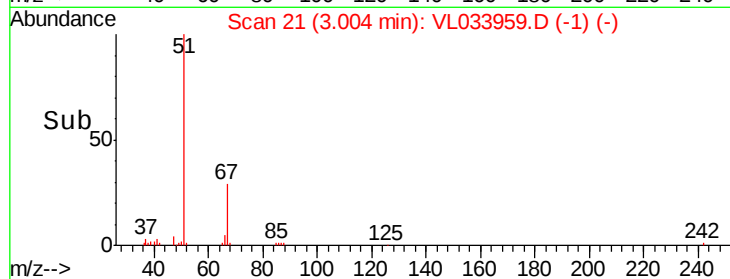
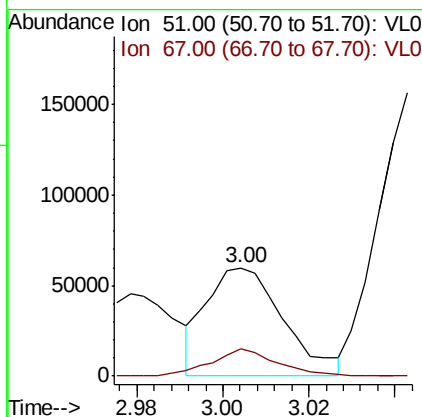
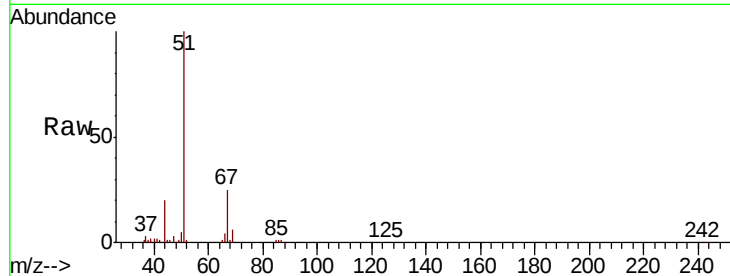
#3
Chlorodifluoromethane
Concen: 0.769 ppbv
RT: 3.00 min Scan# 21
Delta R.T. -0.00 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tot Ion	Ratio	Lower	Upper
51	100		
67	21.7	16.4	24.6

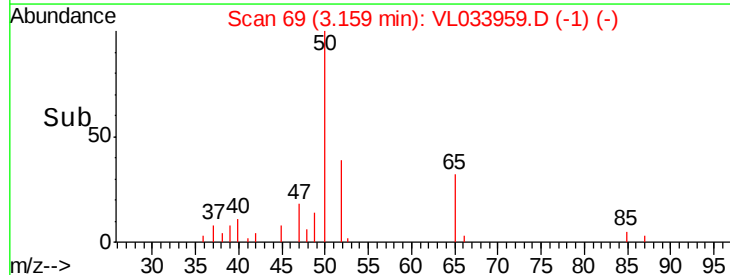
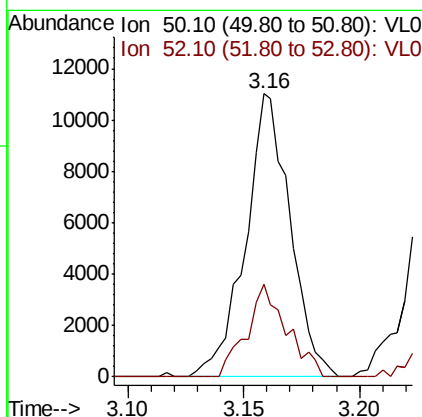
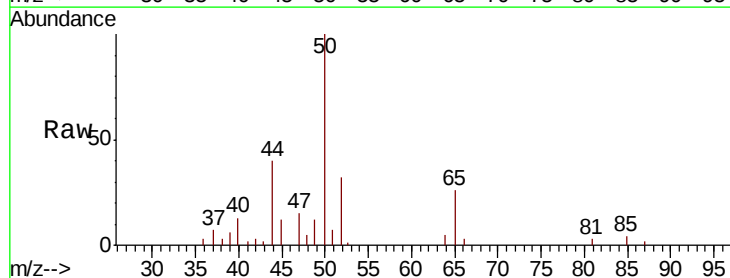
Manual Integrations
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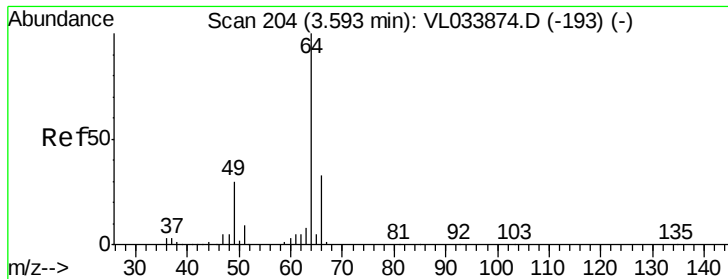
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#4
Chloromethane
Concen: 0.267 ppbv
RT: 3.16 min Scan# 69
Delta R.T. -0.00 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Tgt Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.4	38.0





#7

Chloroethane

Concen: 0.520 ppbv

RT: 3.59 min Scan# 203

Delta R.T. -0.00 min

Lab File: VL033959.D

Acq: 25 Jun 2019 5:55

Instrument :

MSVOA_L

ClientSampleId :

INFLUENT

Tot Ion: 64 Resp: 10527

Ion Ratio Lower Upper

64 100

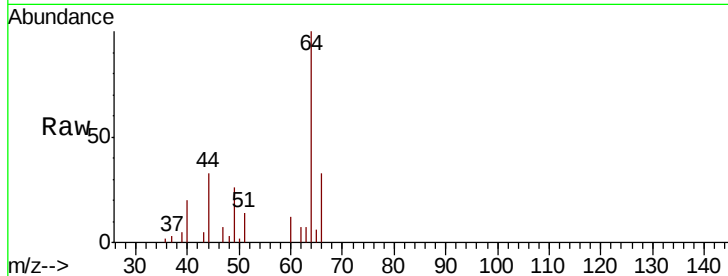
66 32.7 26.7 40.1

Manual Integrations

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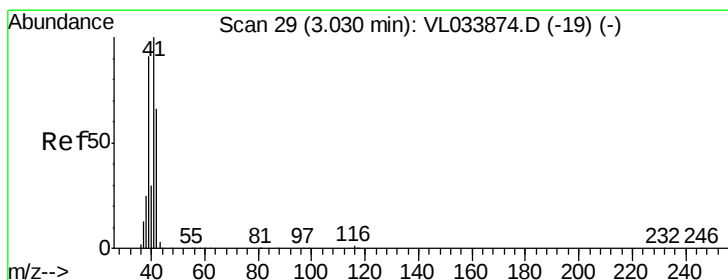
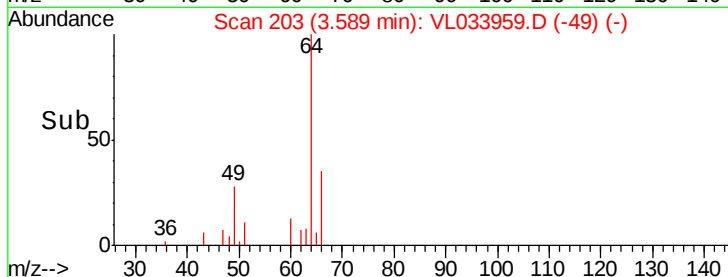
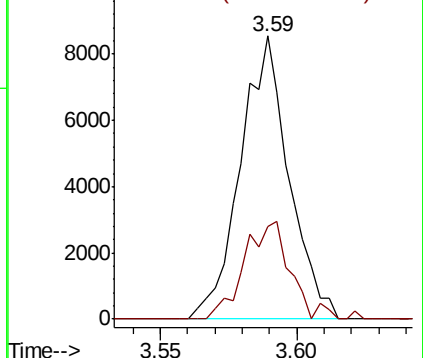
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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 1.969 ppbv

RT: 3.03 min Scan# 29

Delta R.T. -0.00 min

Lab File: VL033959.D

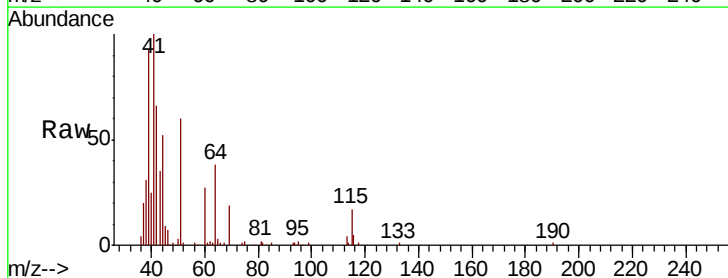
Acq: 25 Jun 2019 5:55

Tgt Ion: 41 Resp: 71252

Ion Ratio Lower Upper

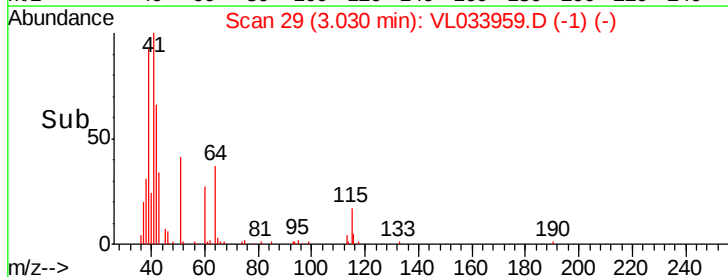
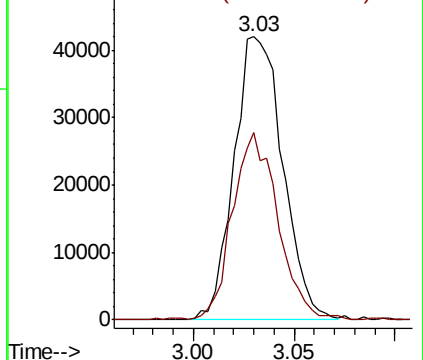
41 100

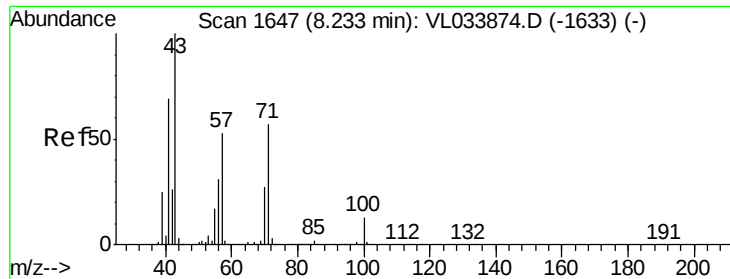
42 62.1 56.3 84.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





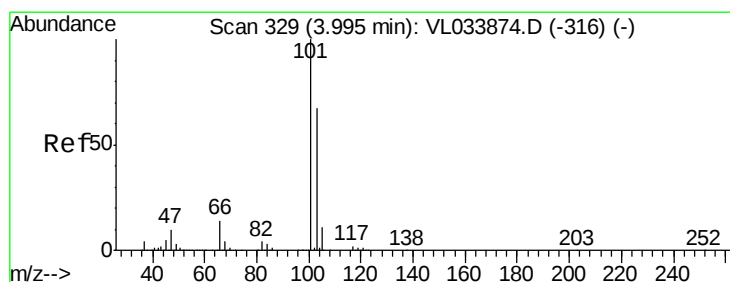
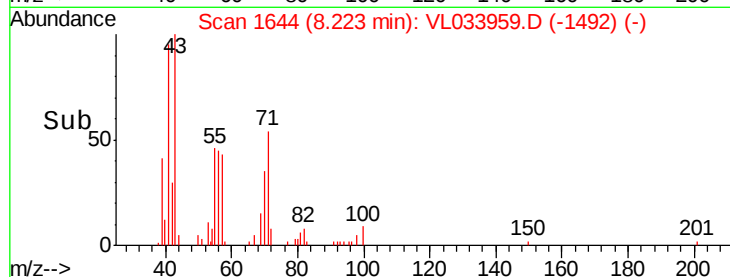
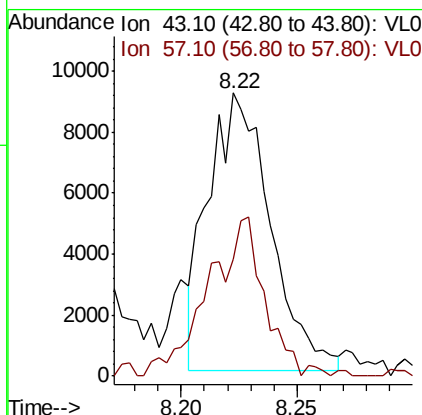
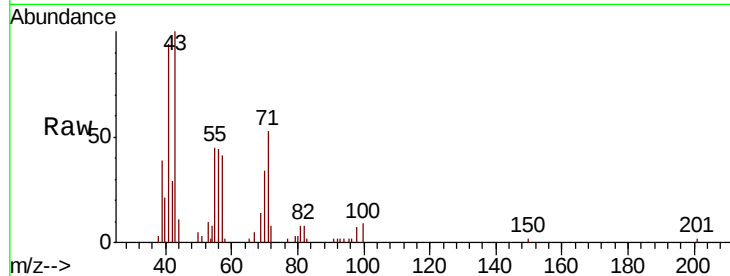
#10
Heptane
Concen: 0.185 ppbv
RT: 8.22 min Scan# 1644
Delta R.T. -0.01 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Instrument :
MSVOA_L
ClientSampled :
INFLUENT

Tot Ion: 43 Resp: 16901
Ion Ratio Lower Upper
43 100
57 53.2 41.7 62.5

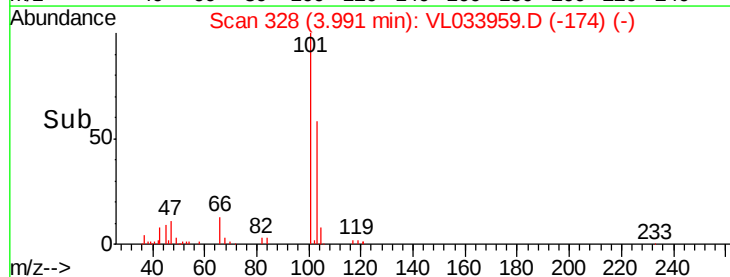
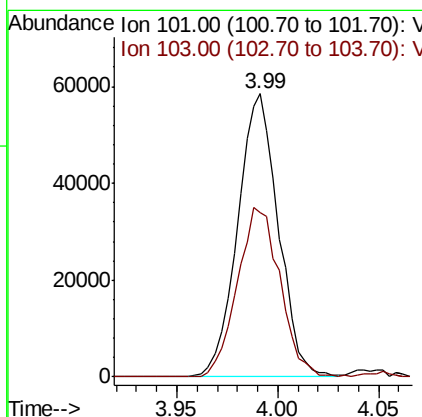
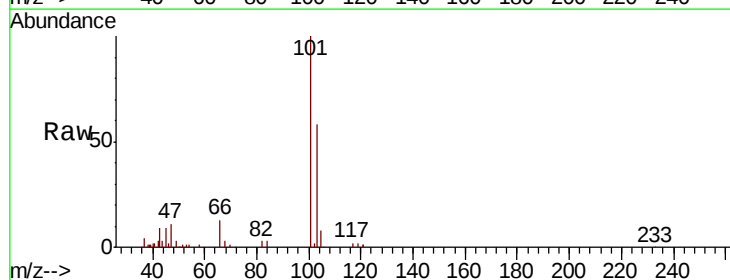
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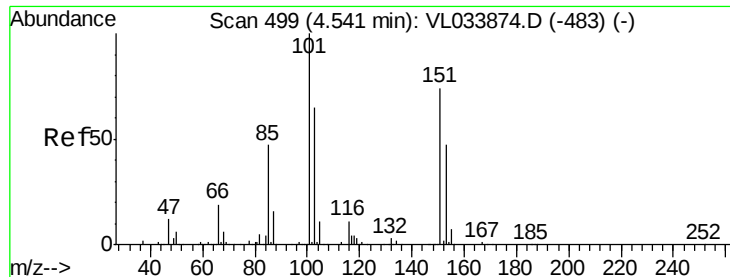
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#11
Trichlorofluoromethane
Concen: 0.480 ppbv
RT: 3.99 min Scan# 328
Delta R.T. -0.00 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Tgt Ion: 101 Resp: 82507
Ion Ratio Lower Upper
101 100
103 58.1 53.6 80.4





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.445 ppbv

RT: 4.54 min Scan# 498

Delta R.T. -0.00 min

Lab File: VL033959.D

Acq: 25 Jun 2019 5:55

Instrument :

MSVOA_L

ClientSampleId :

INFLUENT

Tot Ion:101 Resp: 51759

Ion Ratio Lower Upper

101 100

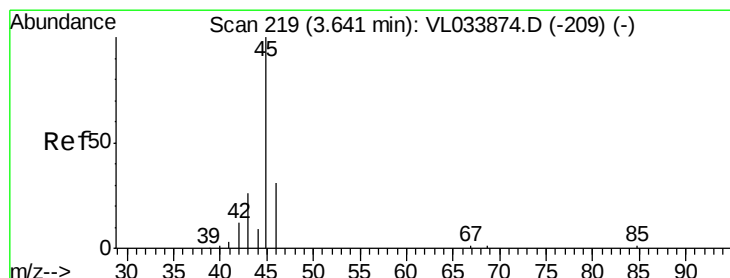
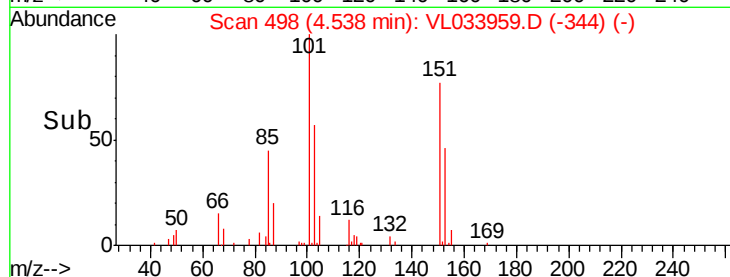
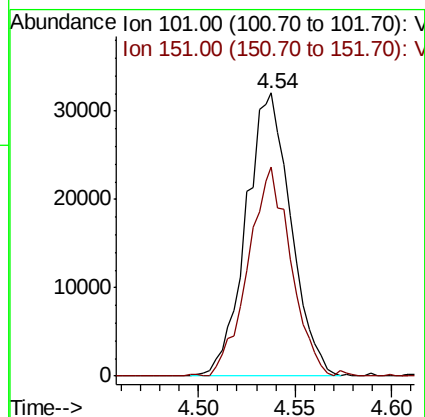
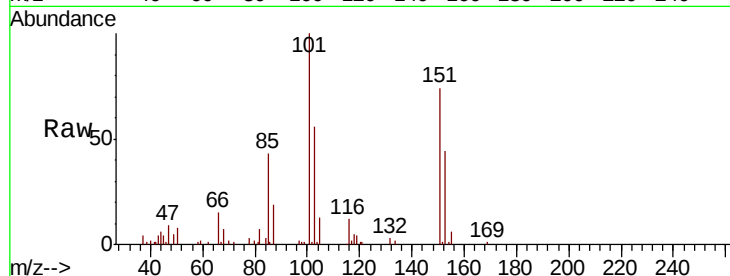
151 70.9 58.6 87.8

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#13

Ethanol

Concen: 148.290 ppbv

RT: 3.65 min Scan# 222

Delta R.T. 0.01 min

Lab File: VL033959.D

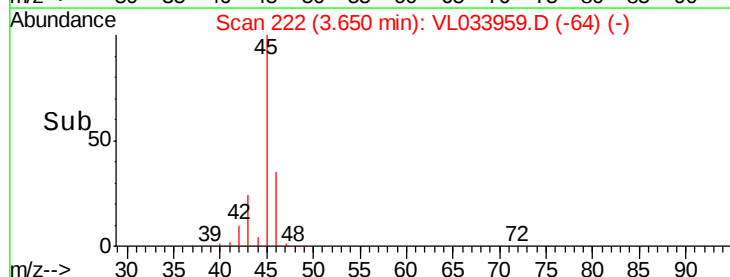
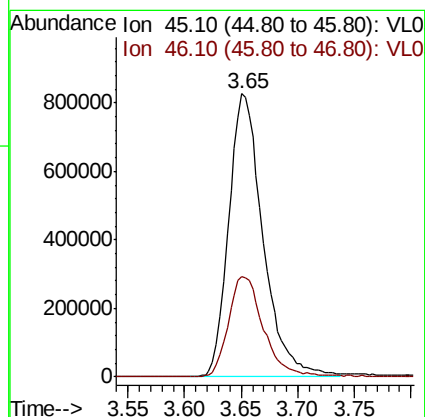
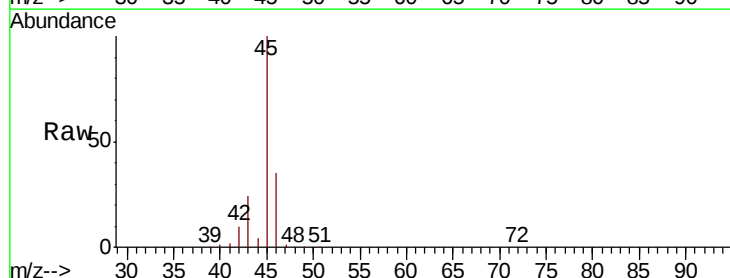
Acq: 25 Jun 2019 5:55

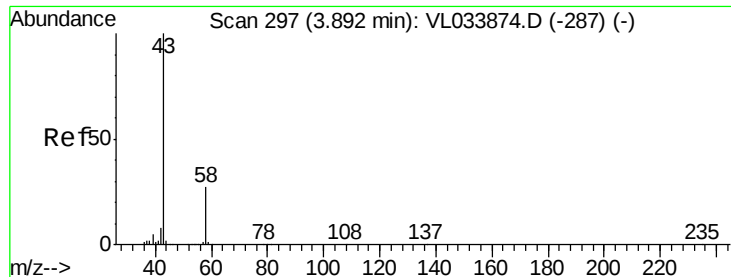
Tgt Ion: 45 Resp: 1745821

Ion Ratio Lower Upper

45 100

46 36.4 15.3 61.1





#15

Acetone

Concen: 20.499 ppbv

RT: 3.89 min Scan# 295

Delta R.T. -0.01 min

Lab File: VL033959.D

Acq: 25 Jun 2019 5:55

Instrument :

MSVOA_L

ClientSampleId :

INFLUENT

Tot Ion: 43 Resp: 2455907

Ion Ratio Lower Upper

43 100

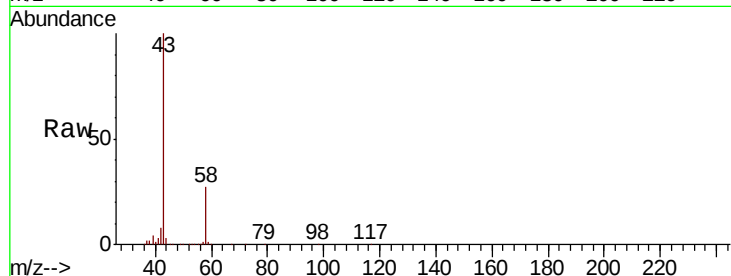
58 26.6 21.3 31.9

Manual Integrations

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6/26/2019 8:16:12 AM



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

1500000

1000000

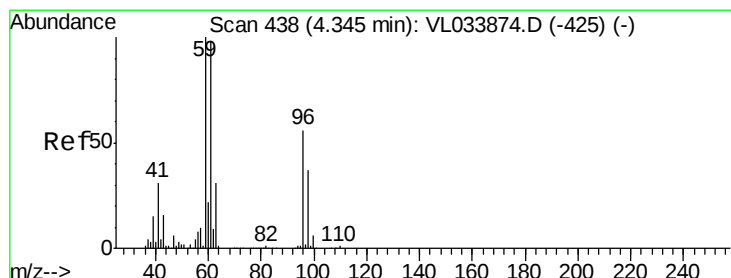
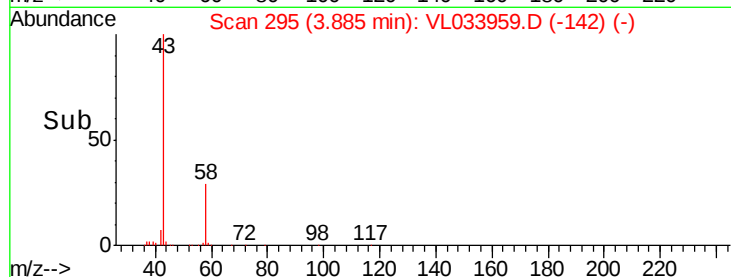
500000

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Time-->

3.80 3.85 3.90 3.95 4.00

3.89



#17

tert-Butyl alcohol

Concen: 1.623 ppbv

RT: 4.36 min Scan# 443

Delta R.T. 0.02 min

Lab File: VL033959.D

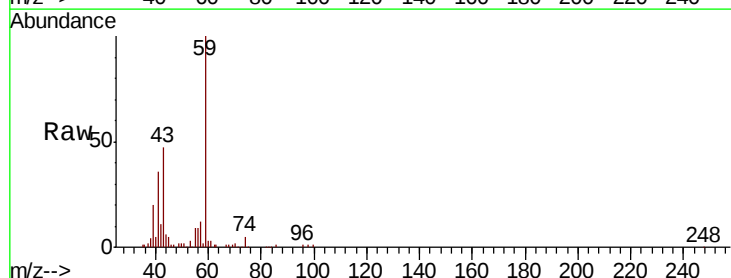
Acq: 25 Jun 2019 5:55

Tgt Ion: 59 Resp: 151960

Ion Ratio Lower Upper

59 100

57 11.0 8.4 12.6



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

80000

60000

40000

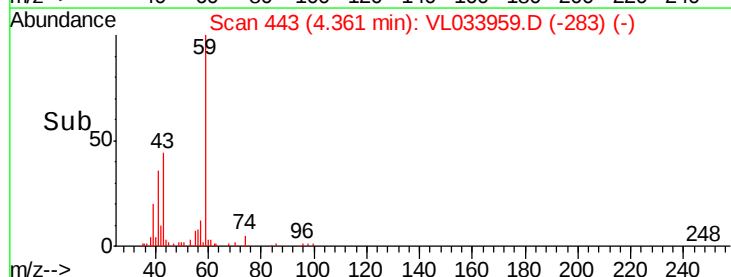
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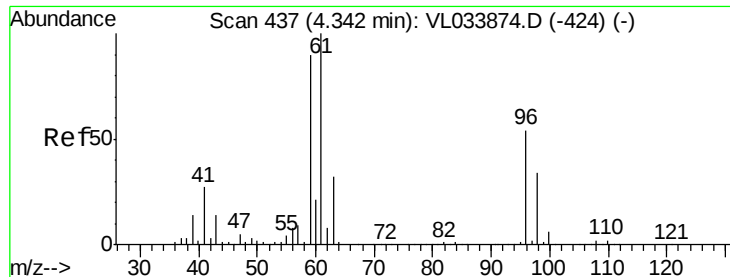
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Time-->

4.30 4.35 4.40 4.45

4.36





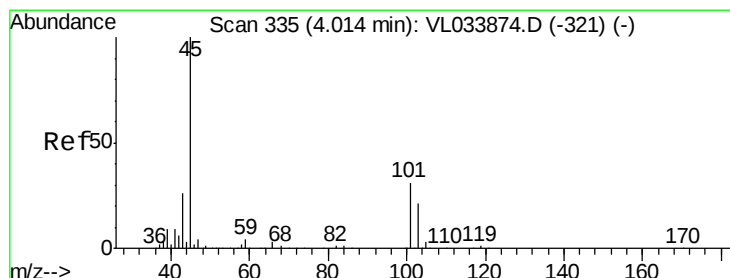
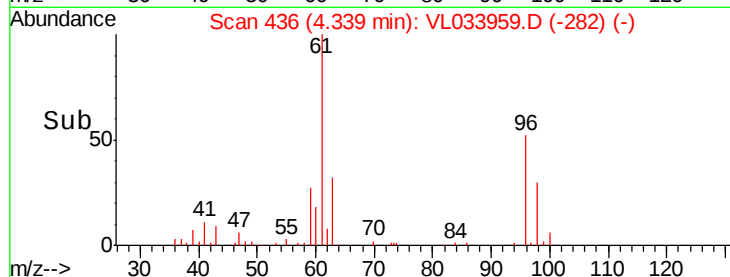
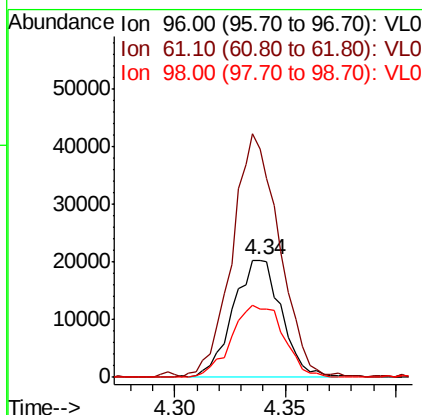
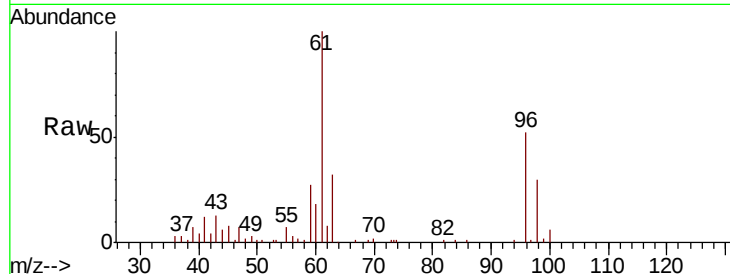
#18
 1,1-Dichloroethene
 Concen: 0.613 ppbv
 RT: 4.34 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: VL033959.D
 Acq: 25 Jun 2019 5:55

Instrument :
 MSVOA_L
 ClientSampled :
 INFLUENT

Tot Ion	Ratio	Lower	Upper
96	100		
61	192.5	147.0	220.6
98	58.4	49.4	74.0

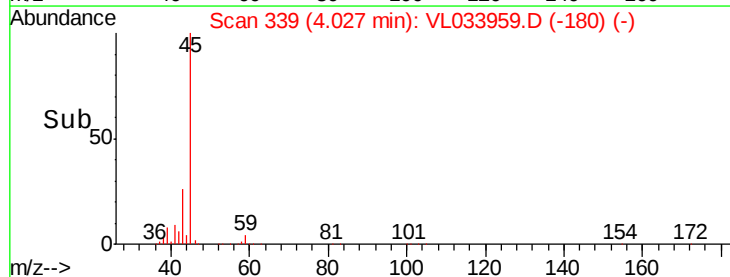
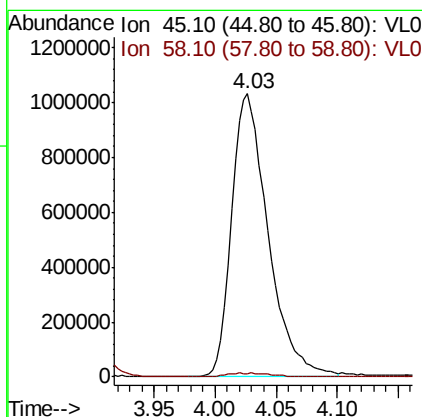
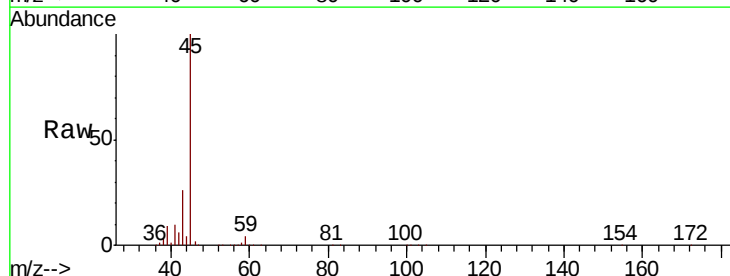
Manual Integrations
 APPROVED

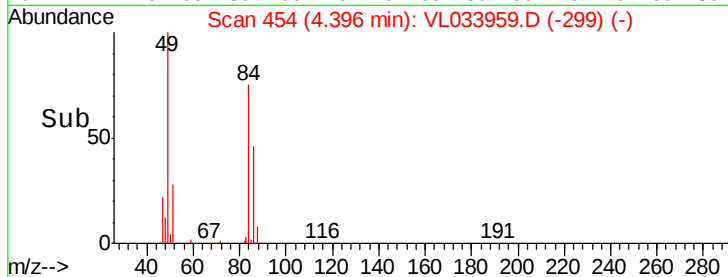
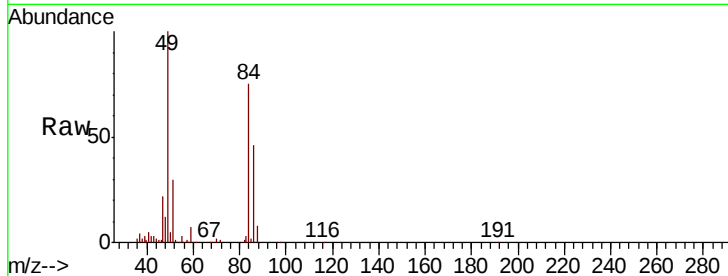
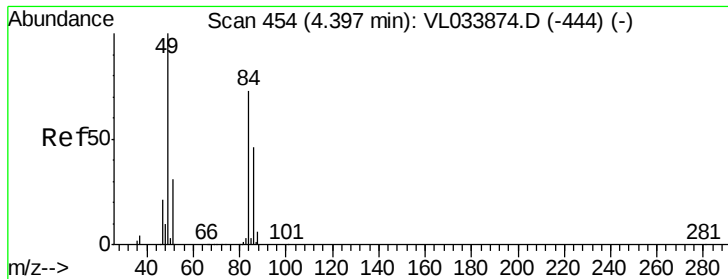
MMDadoda
 6/26/2019 8:16:12 AM



#19
 Isopropyl Alcohol
 Concen: 31.177 ppbv
 RT: 4.03 min Scan# 339
 Delta R.T. 0.01 min
 Lab File: VL033959.D
 Acq: 25 Jun 2019 5:55

Tgt Ion	Ratio	Lower	Upper
45	100		
58	1.9	1.8	2.6





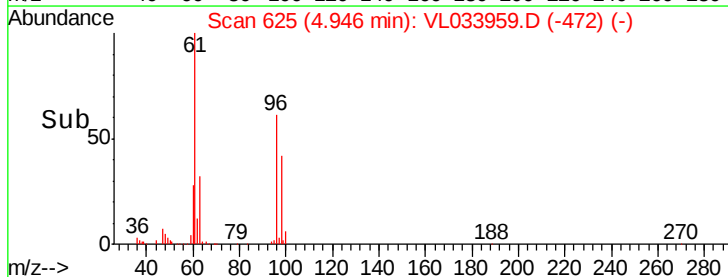
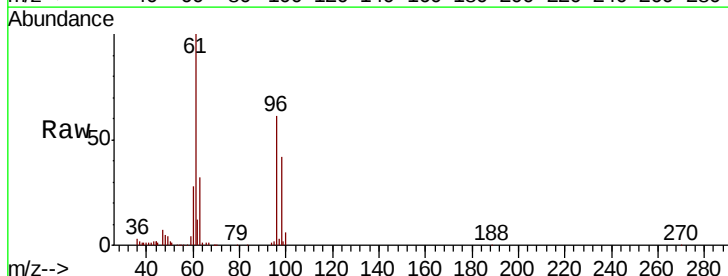
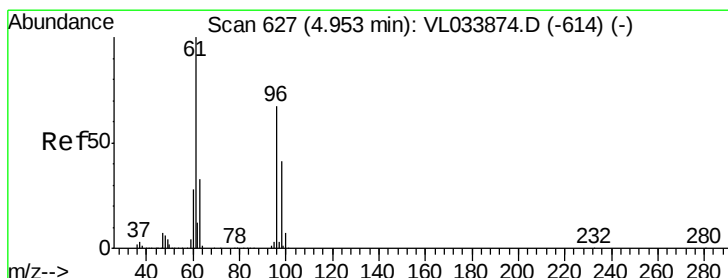
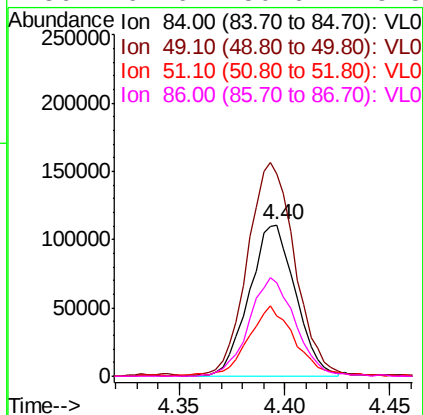
#20
Methvlene Chloride
Concen: 3.624 ppbv
RT: 4.40 min Scan# 454
Delta R.T. -0.00 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Tot Ion:	84	Resp:	169299
Ion Ratio	Lower	Upper	
84	100		
49	132.3	110.0	165.0
51	39.1	34.6	51.8
86	61.6	50.6	75.8

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

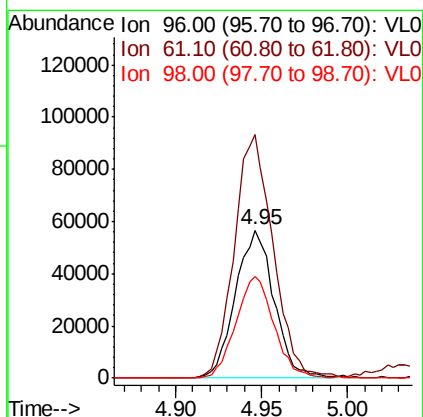
Manual Integrations
APPROVED

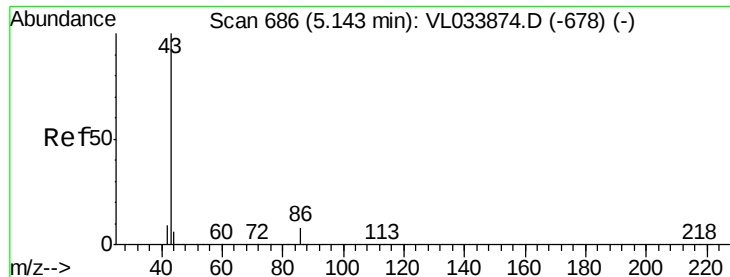
MMDadoda
6/26/2019 8:16:12 AM



#22
trans-1,2-Dichloroethene
Concen: 1.710 ppbv
RT: 4.95 min Scan# 625
Delta R.T. -0.01 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Tgt Ion:	96	Resp:	88475
Ion Ratio	Lower	Upper	
96	100		
61	164.9	119.0	178.6
98	69.1	48.3	72.5





#23

Vinyl Acetate

Concen: 1.489 ppbv

RT: 5.13 min Scan# 681

Delta R.T. -0.02 min

Lab File: VL033959.D

Acq: 25 Jun 2019 5:55

Instrument :

MSVOA_L

ClientSampleId :

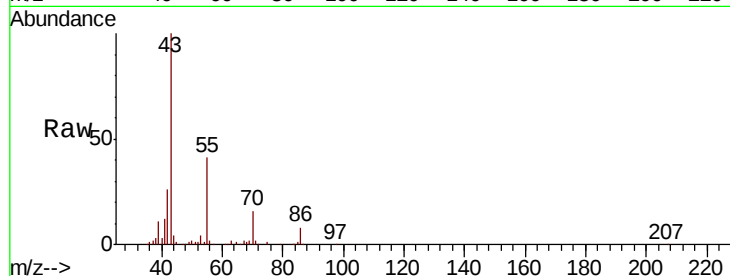
INFLUENT

Tot Ion: 43 Resp: 207387

Ion	Ratio	Lower	Upper
43	100		
86	7.8	5.8	8.8
42	26.0	7.8	11.8#
44	2.7	4.2	6.4#

Manual Integrations
APPROVED

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6/26/2019 8:16:12 AM

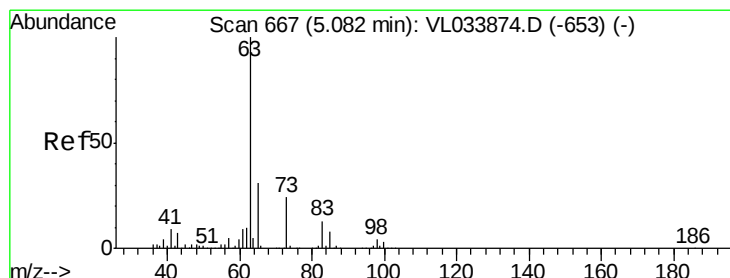
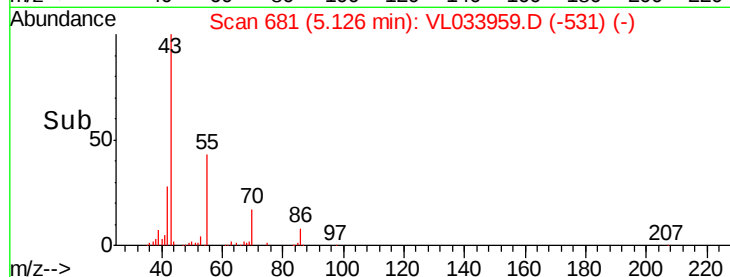
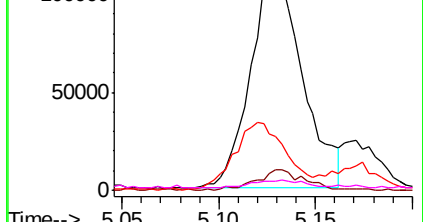


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 6.976 ppbv

RT: 5.07 min Scan# 664

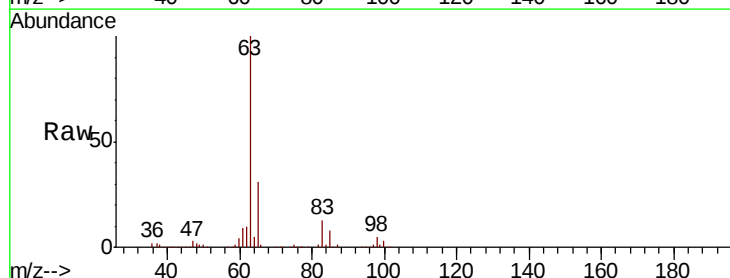
Delta R.T. -0.01 min

Lab File: VL033959.D

Acq: 25 Jun 2019 5:55

Tgt Ion: 63 Resp: 755534

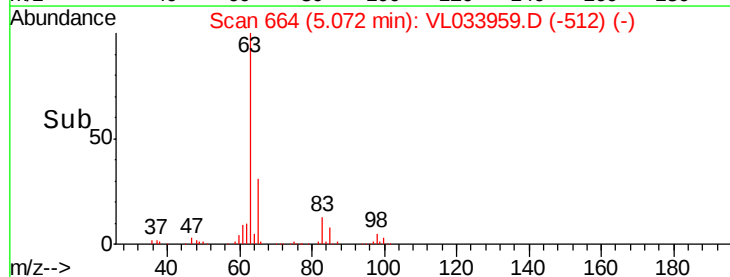
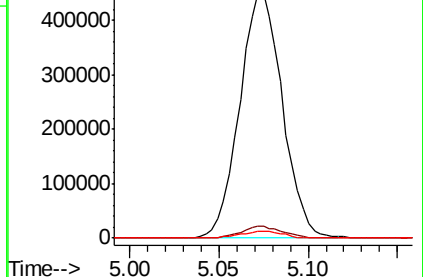
Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.2	6.6
100	3.1	1.3	3.8

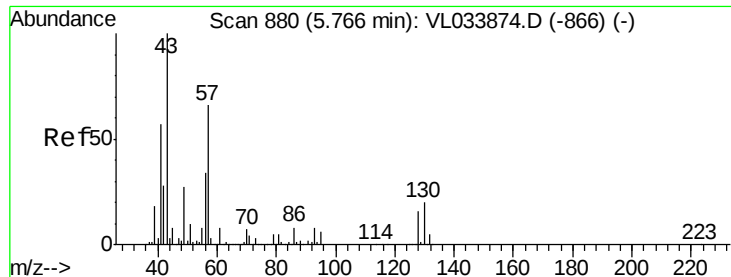


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





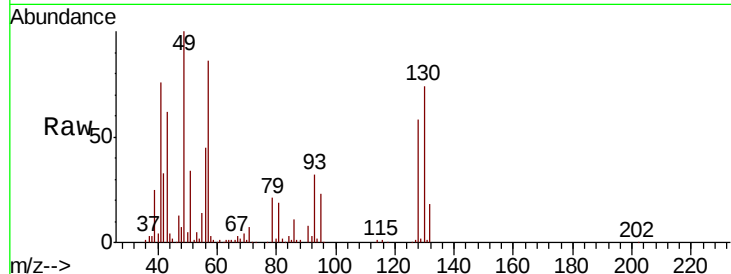
#26
Hexane
Concen: 1.928 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.00 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tot Ion	Ratio	Lower	Upper
57	100		
41	103.6	71.4	107.2
43	89.2	183.7	275.5#
56	58.5	42.7	64.1

Manual Integrations
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MMDadoda
6/26/2019 8:16:12 AM



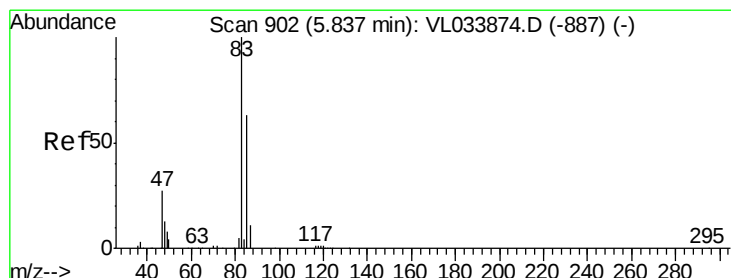
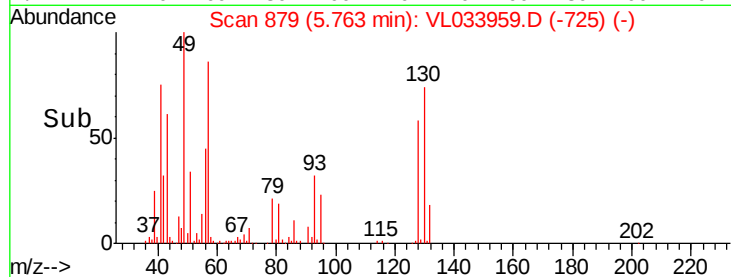
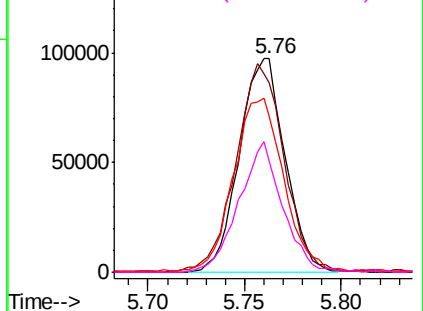
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

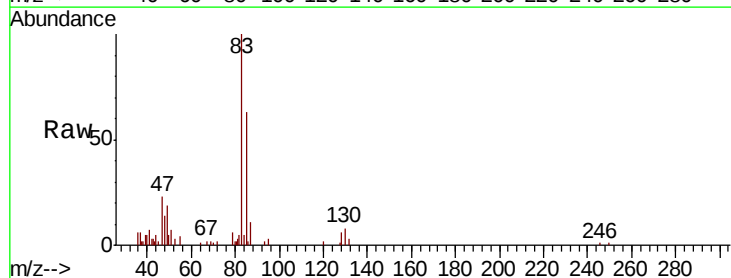
Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#29
Chloroform
Concen: 0.202 ppbv m
RT: 5.83 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

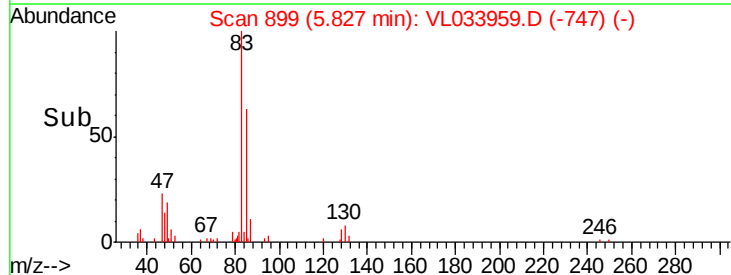
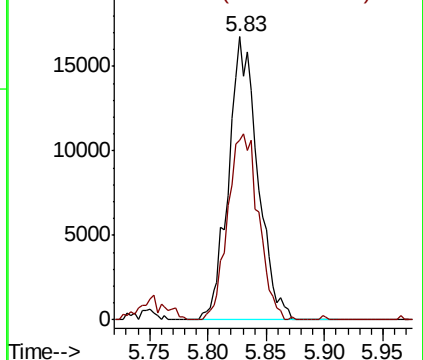
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.5	75.7

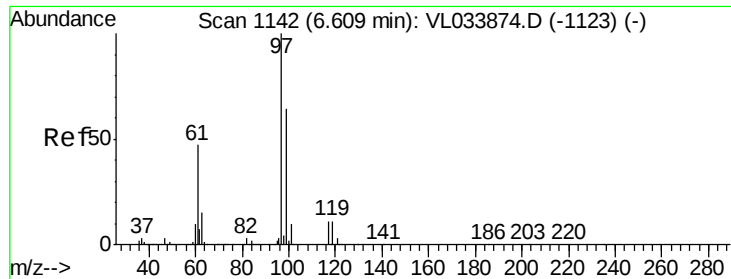


Abundance

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0





#32

1,1,1-Trichloroethane

Concen: 31.489 ppbv

RT: 6.60 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VL033959.D

Acq: 25 Jun 2019 5:55

Instrument :

MSVOA_L

ClientSampled :

INFLUENT

Tot Ion: 97 Resp: 4321830

Ion Ratio Lower Upper

97 100

99 65.3 51.7 77.5

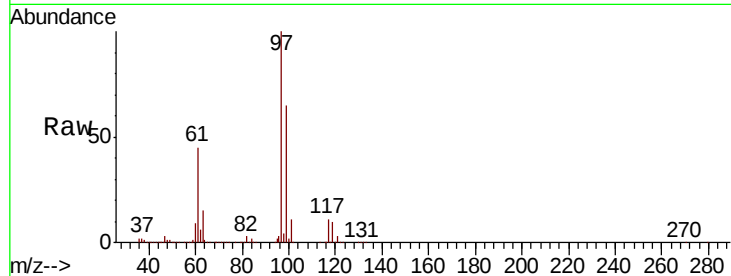
61 45.8 37.7 56.5

Manual Integrations

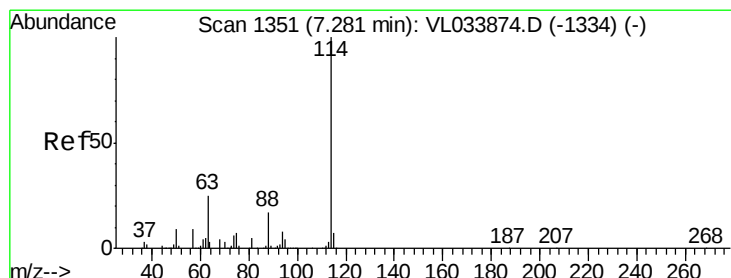
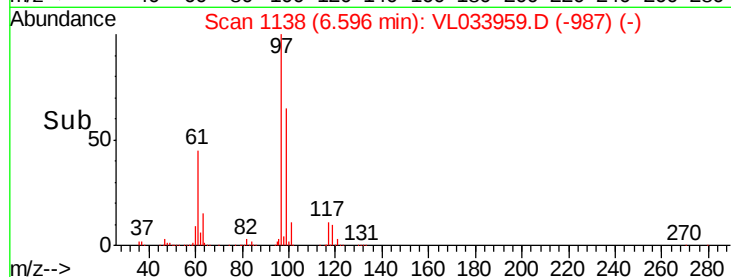
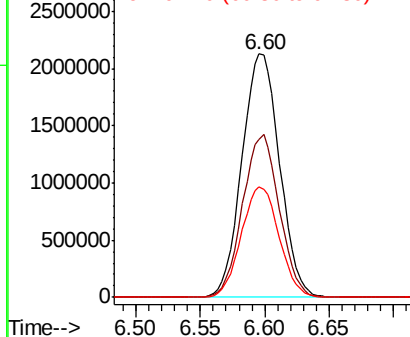
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Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.27 min Scan# 1348

Delta R.T. -0.01 min

Lab File: VL033959.D

Acq: 25 Jun 2019 5:55

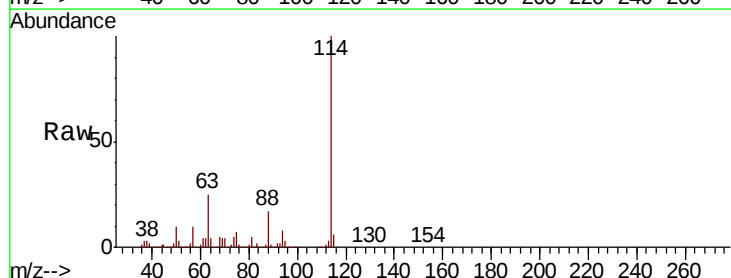
Tgt Ion: 114 Resp: 1938588

Ion Ratio Lower Upper

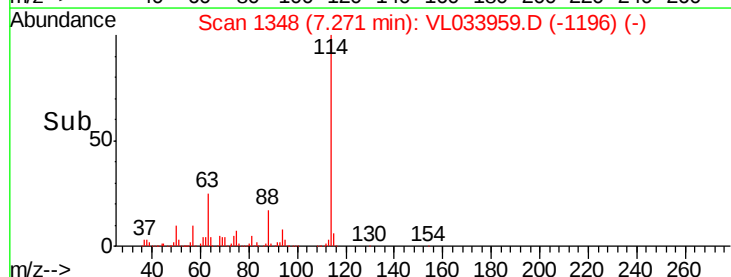
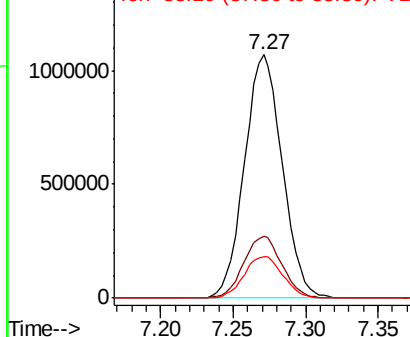
114 100

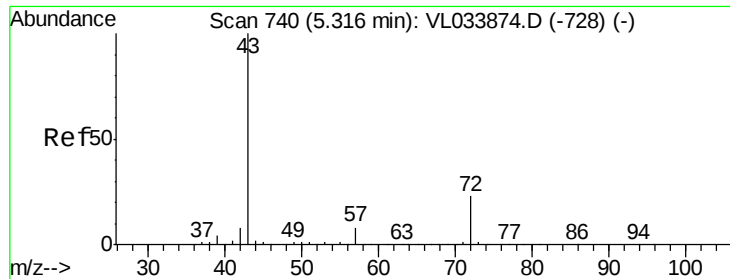
63 25.9 21.1 31.7

88 17.6 14.2 21.4



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





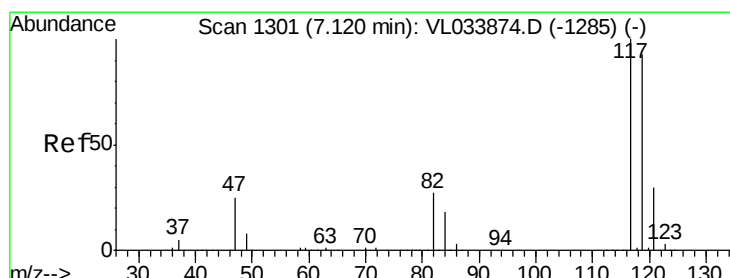
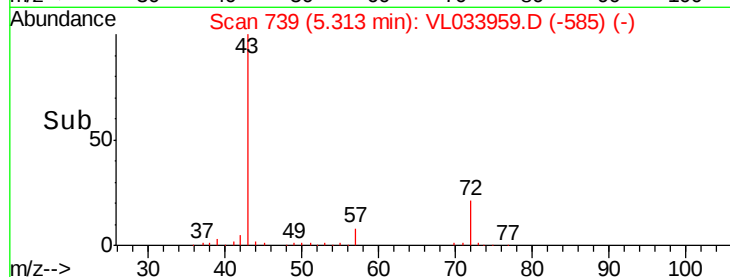
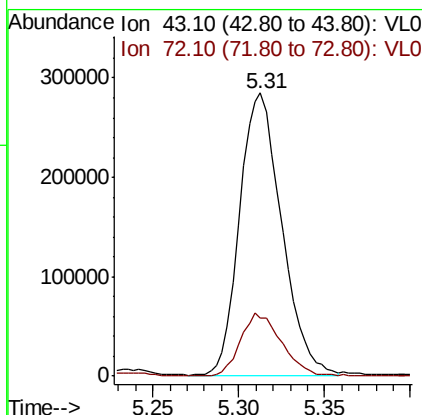
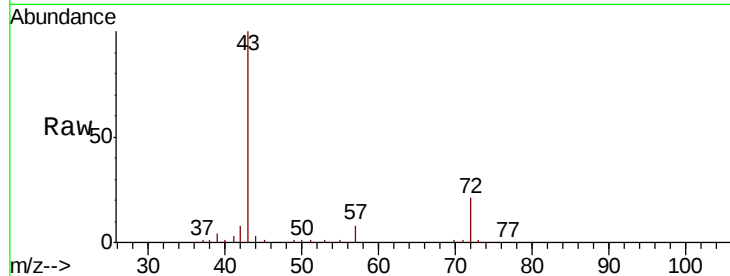
#34
2-Butanone
Concen: 4.393 ppbv
RT: 5.31 min Scan# 739
Delta R.T. -0.00 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tot Ion	Ratio	Lower	Upper
43	100		
72	22.1	17.9	26.9

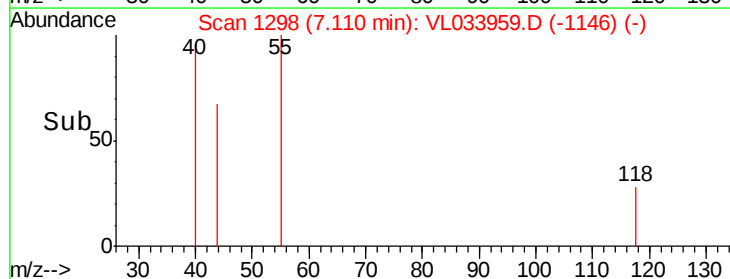
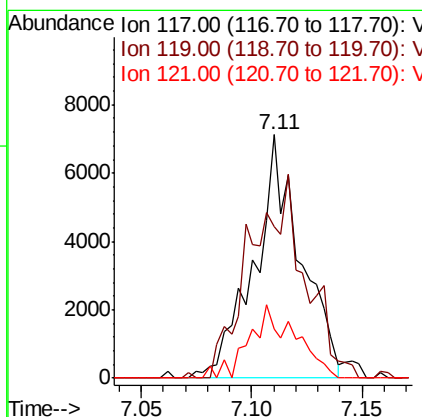
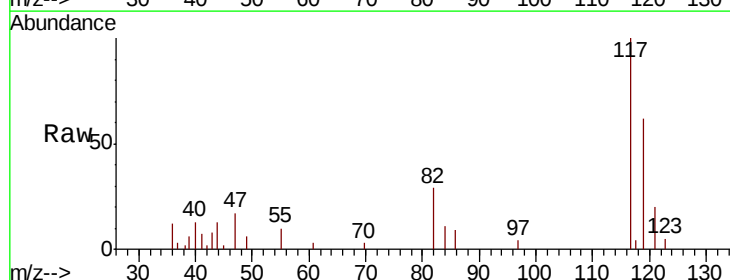
Manual Integrations
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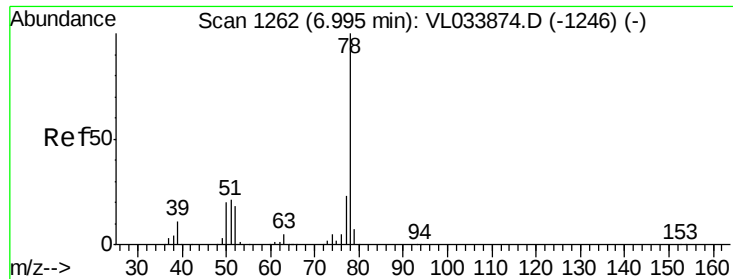
MMDadoda
6/26/2019 8:16:12 AM



#35
Carbon Tetrachloride
Concen: 0.069 ppbv
RT: 7.11 min Scan# 1298
Delta R.T. -0.01 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	57.8	74.6	111.8#
121	19.4	24.0	36.0#





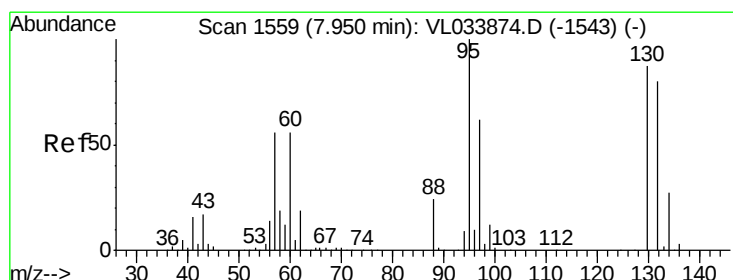
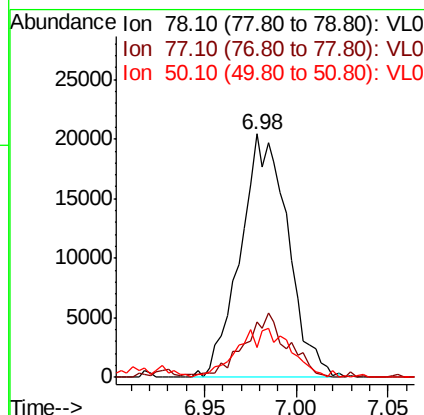
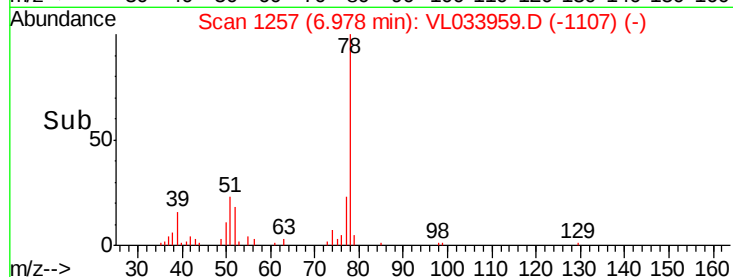
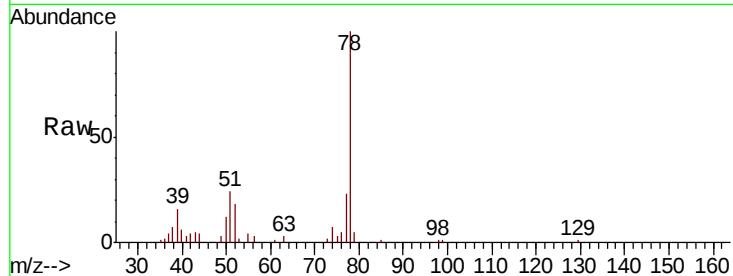
#36
Benzene
Concen: 0.249 ppbv m
RT: 6.98 min Scan# 1257
Delta R.T. -0.02 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Instrument :
MSVOA_L
ClientSampled :
INFLUENT

Tot Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.2	27.2
50	12.0	15.9	23.9

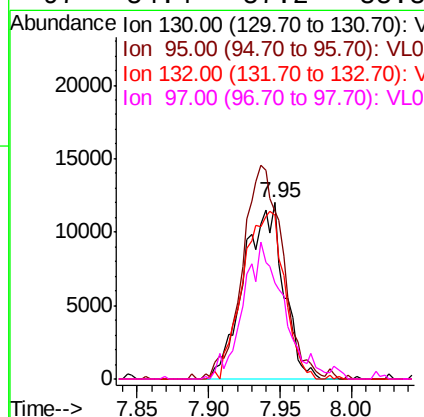
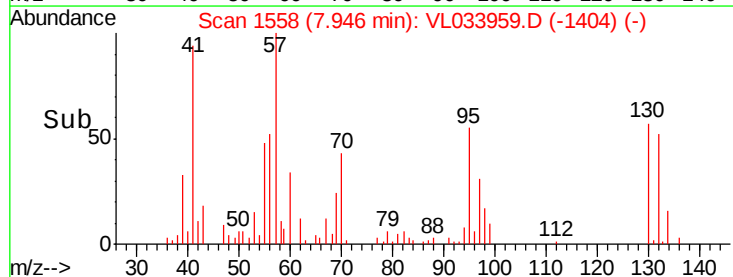
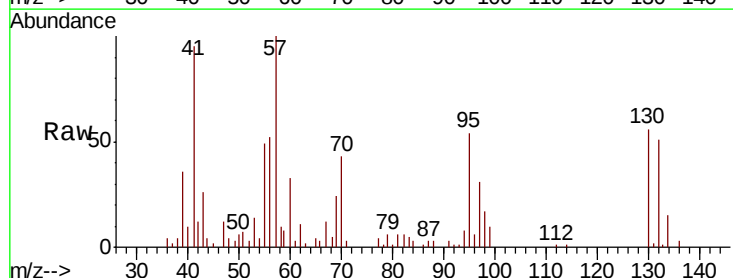
Manual Integrations
APPROVED

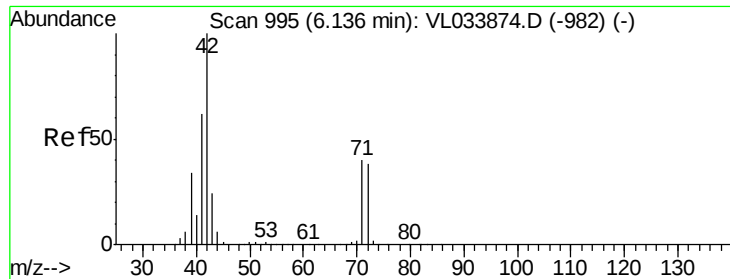
MMDadoda
6/26/2019 8:16:12 AM



#38
Trichloroethene
Concen: 0.401 ppbv m
RT: 7.95 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	92.0	138.0
132	91.2	73.8	110.8
97	54.4	57.2	85.8





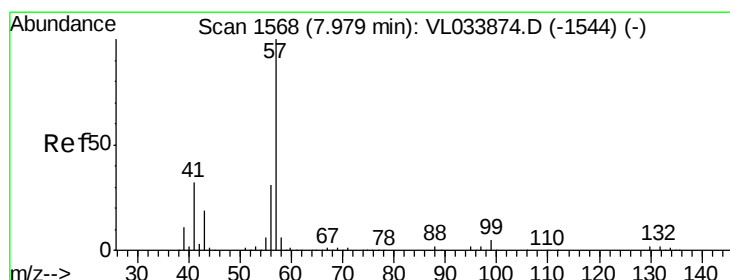
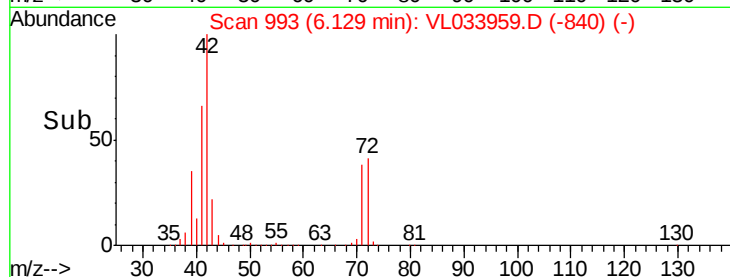
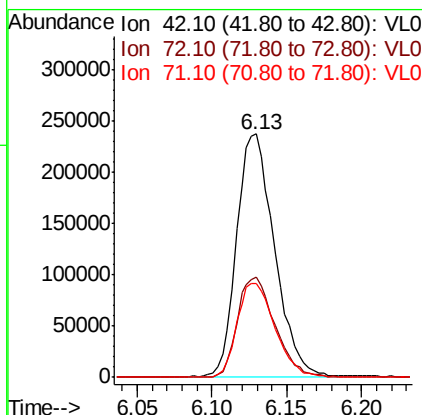
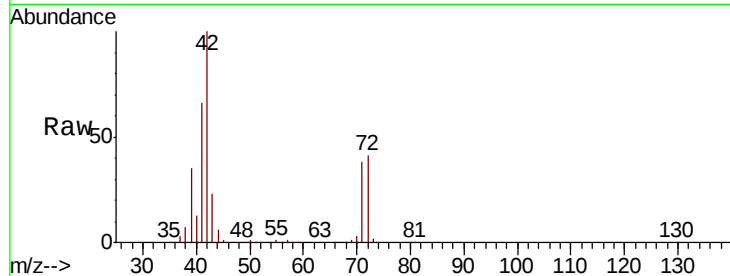
#41
Tetrahydrofuran
Concen: 7.544 ppbv
RT: 6.13 min Scan# 993
Delta R.T. -0.01 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.2	48.4
71	38.7	31.7	47.5

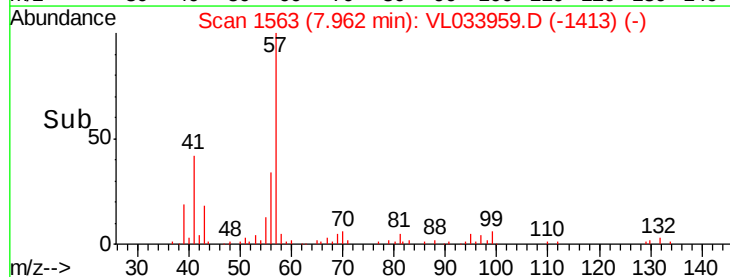
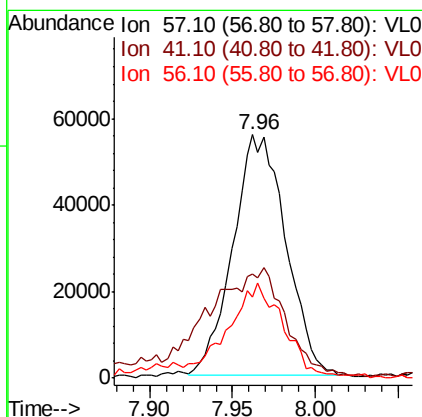
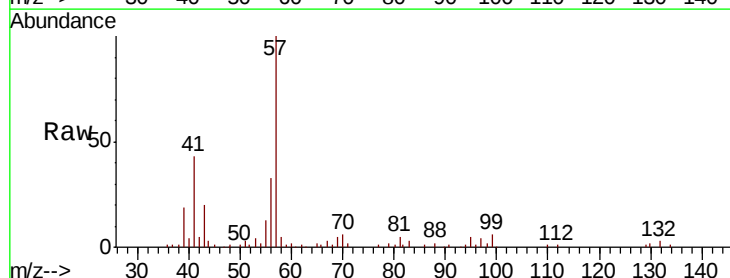
Manual Integrations
APPROVED

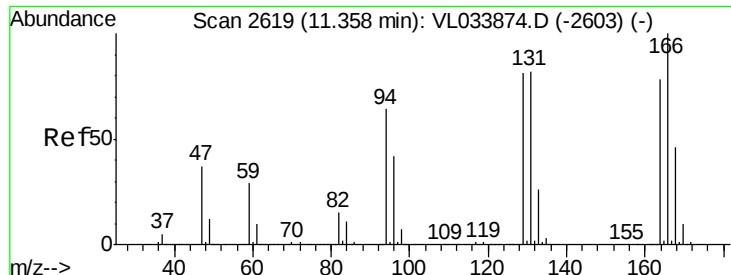
MMDadoda
6/26/2019 8:16:12 AM



#44
2,2,4-Trimethylpentane
Concen: 0.468 ppbv
RT: 7.96 min Scan# 1563
Delta R.T. -0.02 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Tgt Ion	Ratio	Lower	Upper
57	100		
41	70.4	26.1	39.1#
56	48.7	24.6	36.8#





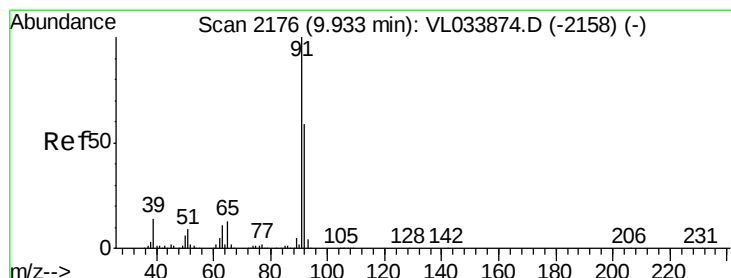
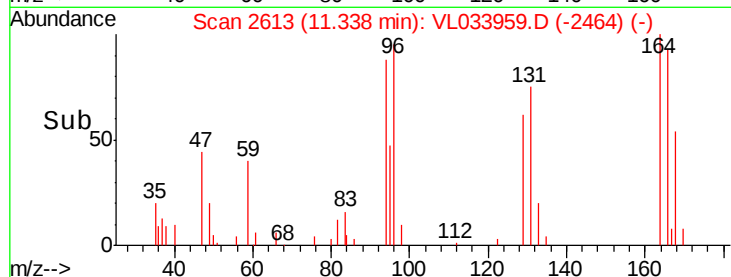
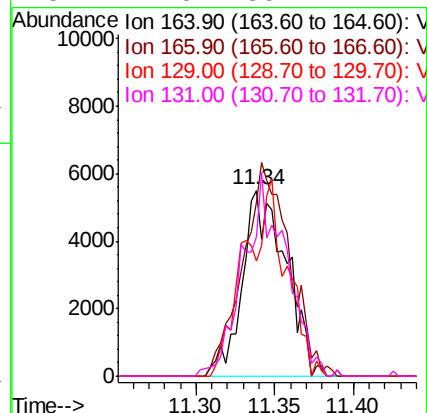
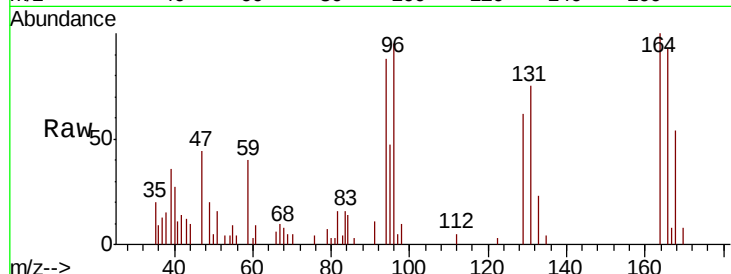
#52
Tetrachloroethene
Concen: 0.203 ppbv m
RT: 11.34 min Scan# 2613
Delta R.T. -0.02 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tot Ion	Ratio	Lower	Upper
164	100		
166	93.4	103.1	154.7#
129	61.8	83.9	125.9#
131	74.8	85.1	127.7#

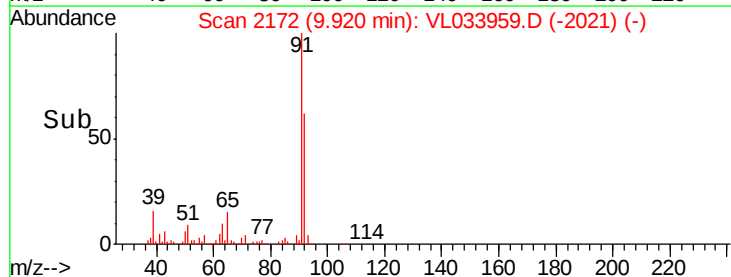
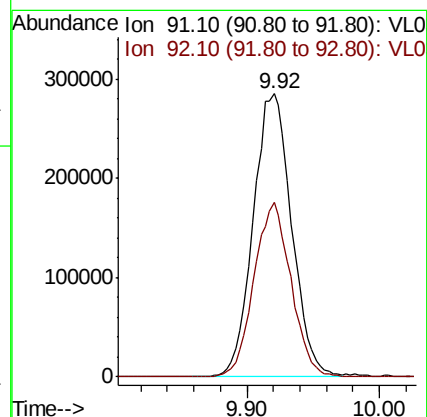
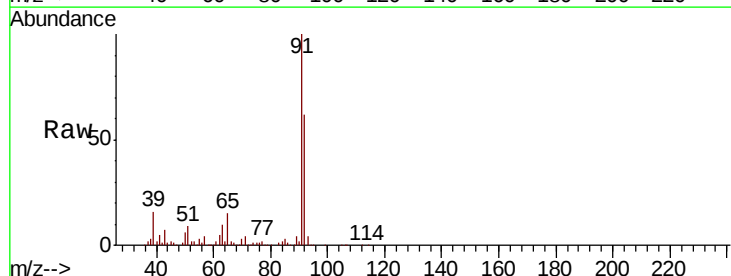
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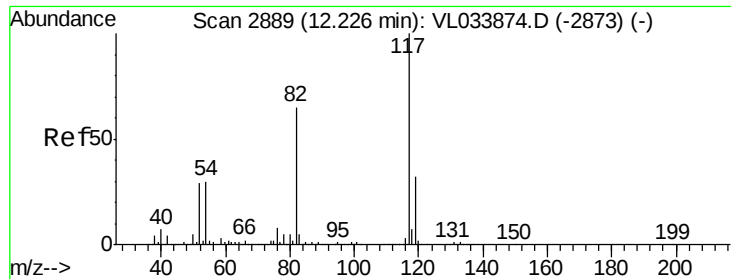
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#53
Toluene
Concen: 3.505 ppbv
RT: 9.92 min Scan# 2172
Delta R.T. -0.01 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.6	47.0	70.6





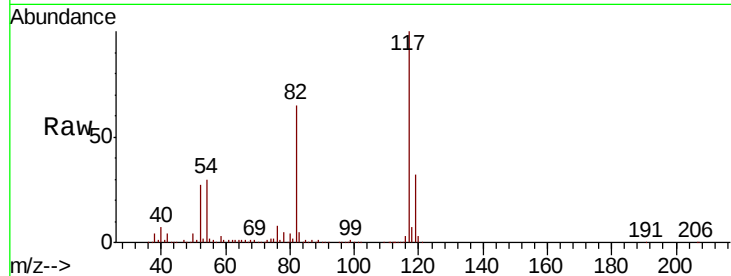
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.21 min Scan# 2884
Delta R.T. -0.02 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

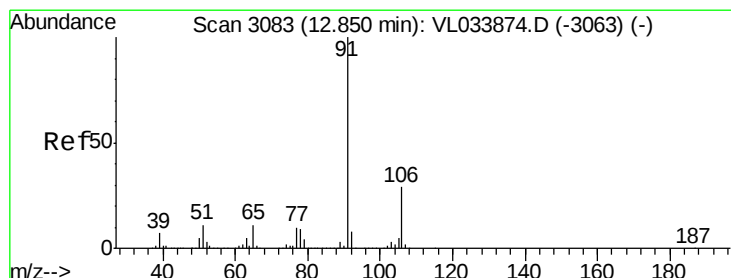
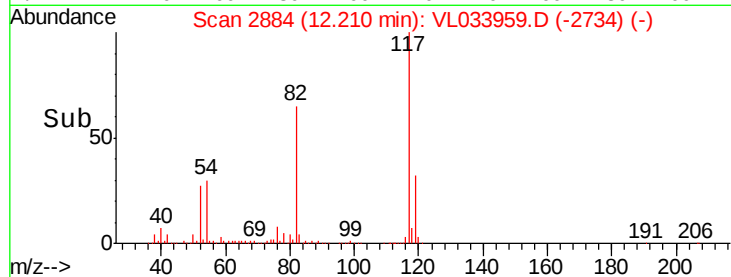
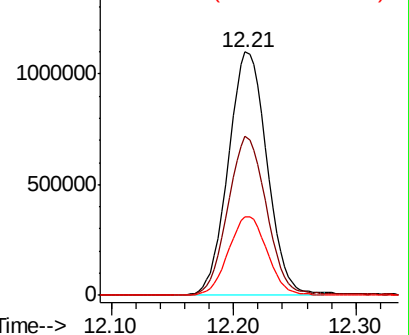
Tot Ion	Ratio	Lower	Upper
117	100		
82	65.3	50.2	75.2
119	32.9	24.8	37.2

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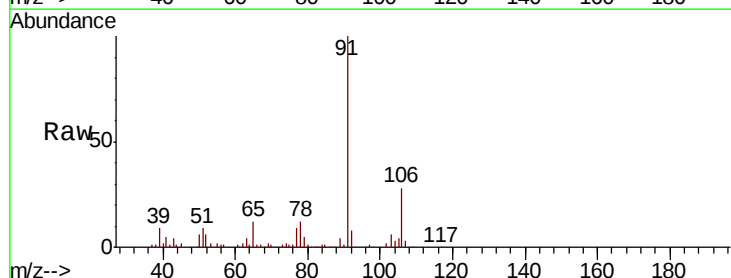


Abundance Ion 117.10 (116.80 to 117.80): V
1500000
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

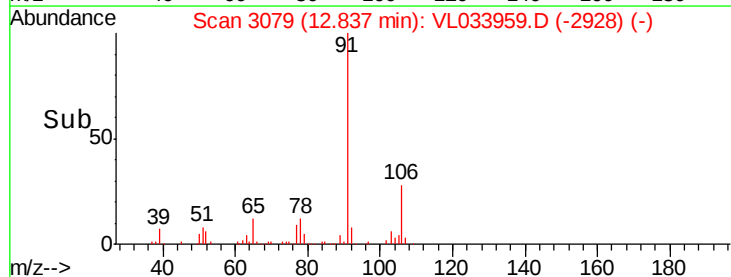
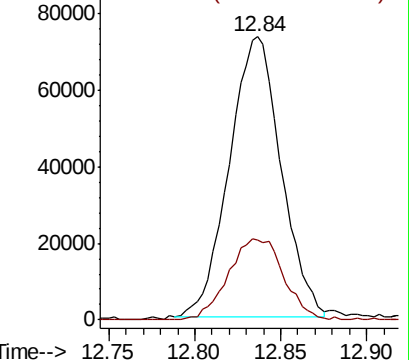


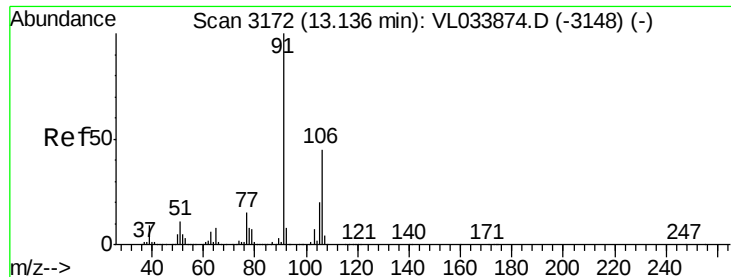
#58
Ethyl Benzene
Concen: 0.566 ppbv
RT: 12.84 min Scan# 3079
Delta R.T. -0.01 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.7	23.0	34.6



Abundance Ion 91.10 (90.80 to 91.80): VL0
80000
Ion 106.10 (105.80 to 106.80): V





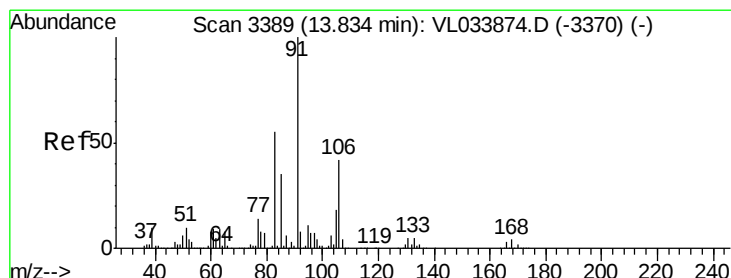
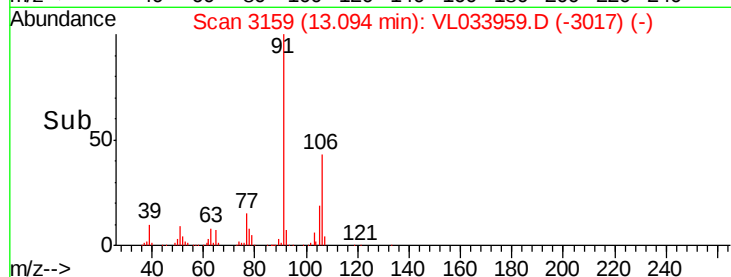
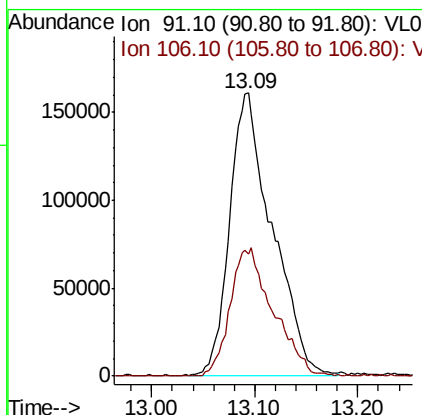
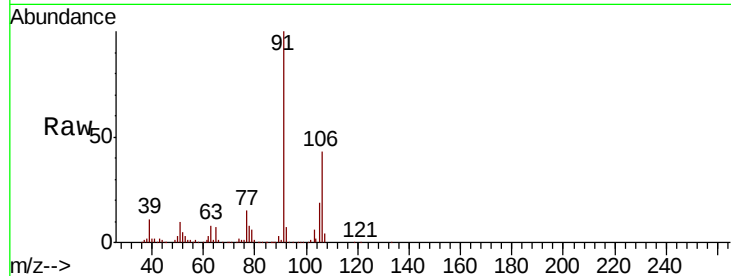
#59
m/p-Xylene
Concen: 1.872 ppbv
RT: 13.09 min Scan# 3159
Delta R.T. -0.04 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tot Ion: 91 Resp: 461820
Ion Ratio Lower Upper
91 100
106 46.0 35.8 53.8

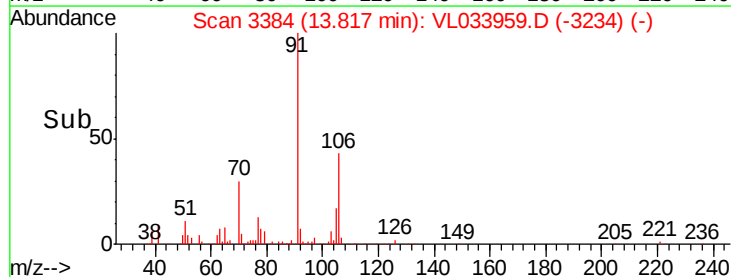
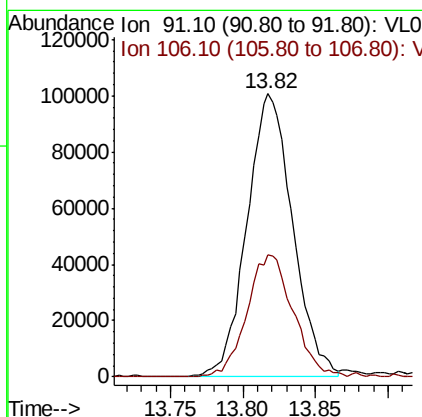
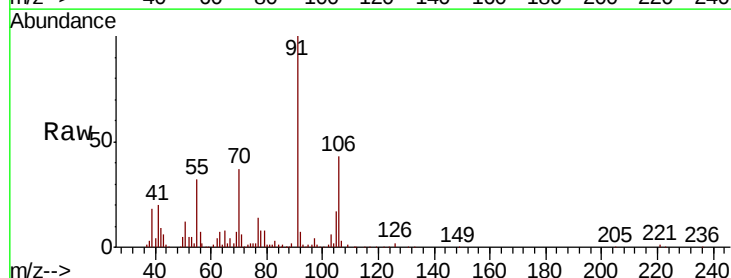
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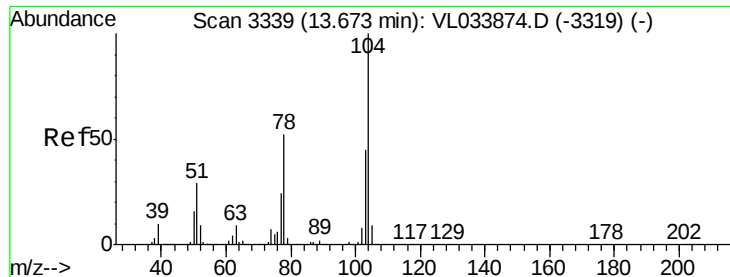
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#60
o-Xylene
Concen: 0.861 ppbv
RT: 13.82 min Scan# 3384
Delta R.T. -0.02 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Tgt Ion: 91 Resp: 219314
Ion Ratio Lower Upper
91 100
106 43.9 21.7 65.1





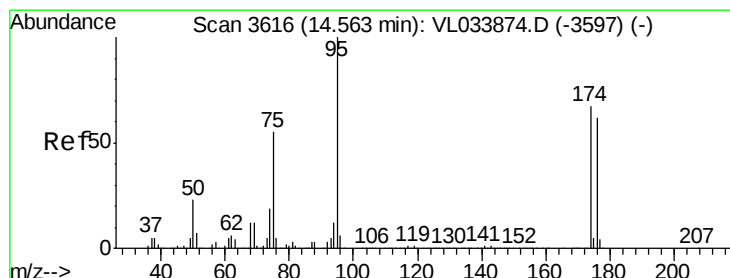
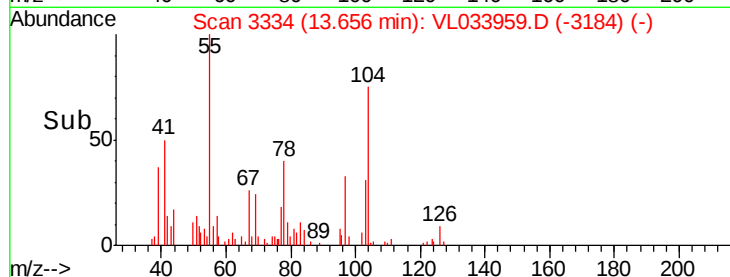
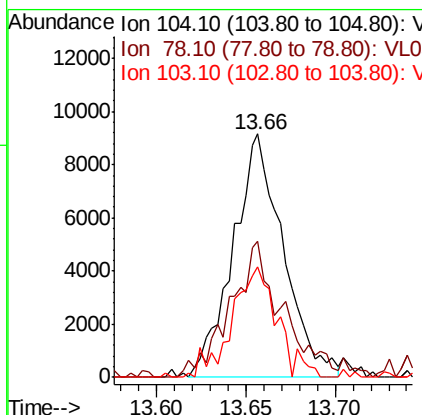
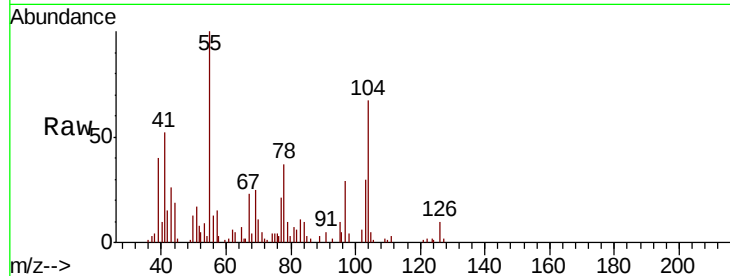
#61
Stvrene
Concen: 0.109 ppbv
RT: 13.66 min Scan# 3334
Delta R.T. -0.02 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tot Ion	Ratio	Lower	Upper
104	100		
78	61.0	43.4	65.0
103	41.9	37.6	56.4

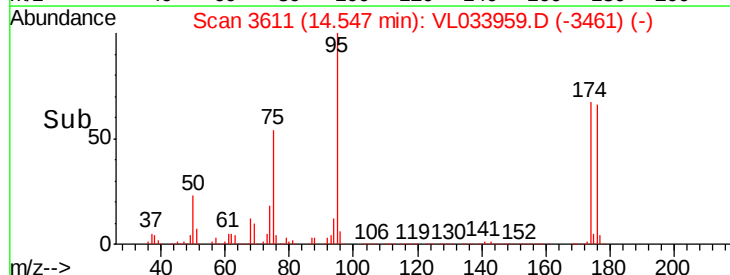
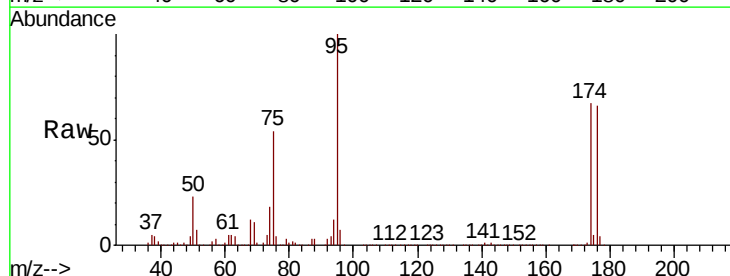
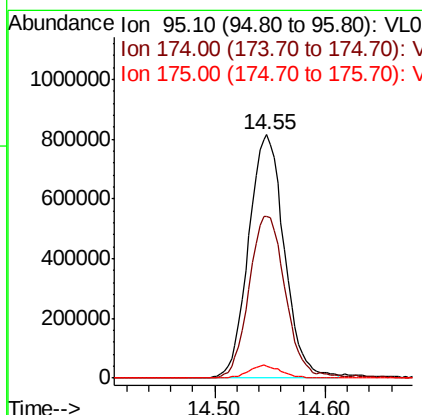
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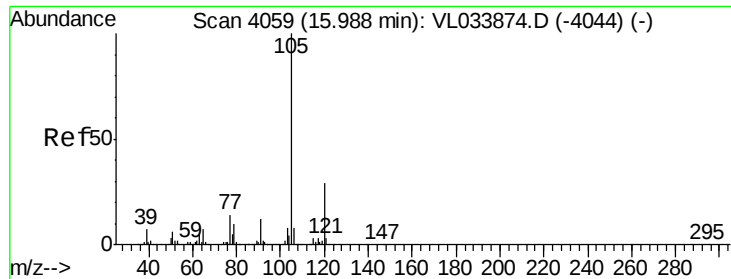
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.277 ppbv
RT: 14.55 min Scan# 3611
Delta R.T. -0.02 min
Lab File: VL033959.D
Acq: 25 Jun 2019 5:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.7	54.0	81.0
175	4.9	3.8	5.8





#72

4-Ethyltoluene

Concen: 0.195 ppbv m

RT: 15.97 min Scan# 4054

Delta R.T. -0.02 min

Lab File: VL033959.D

Acq: 25 Jun 2019 5:55

Instrument :

MSVOA_L

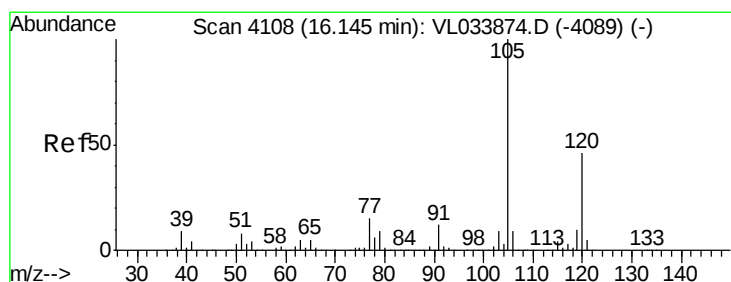
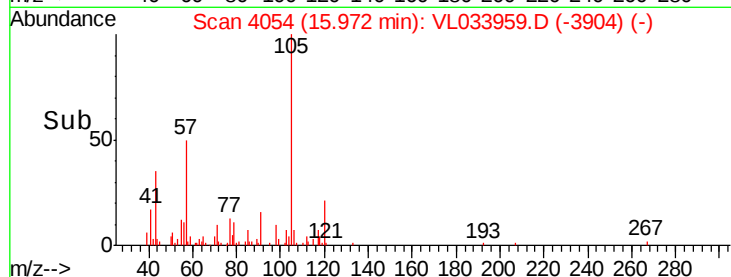
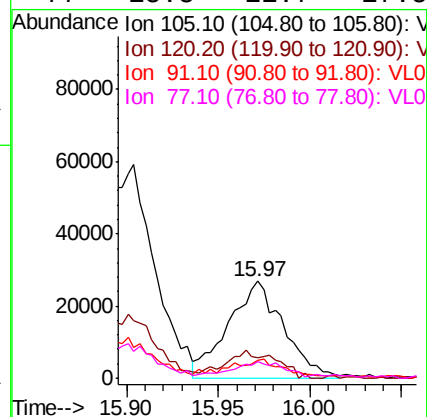
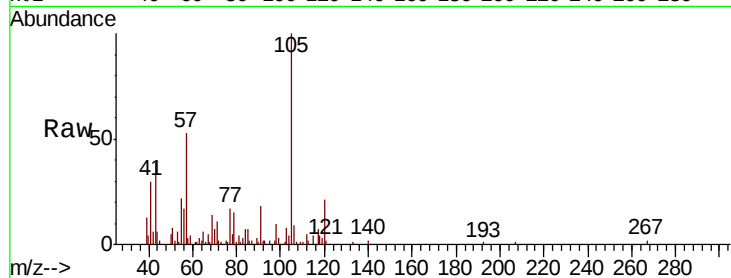
ClientSampleId :

INFLUENT

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	23.5	35.3
91	16.1	10.4	15.6
77	15.8	11.7	17.5

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#73

1,3,5-Trimethylbenzene

Concen: 0.173 ppbv m

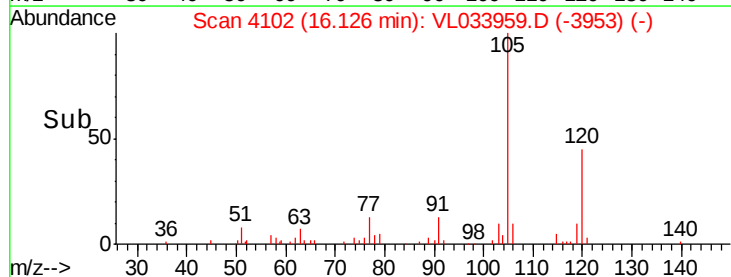
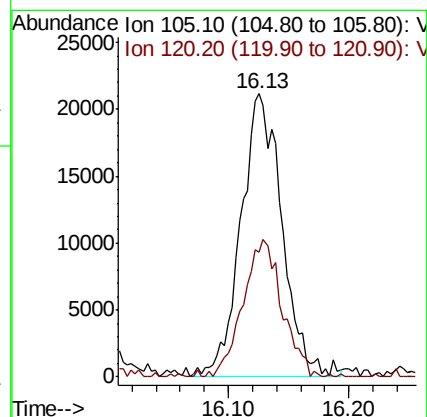
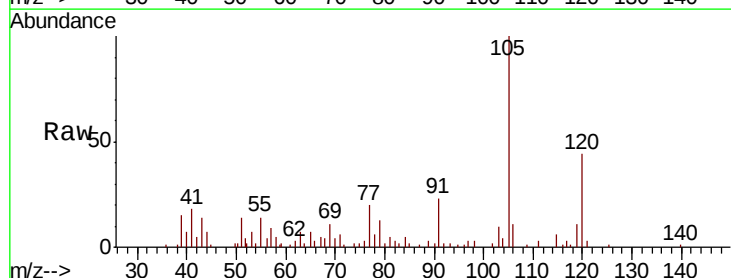
RT: 16.13 min Scan# 4102

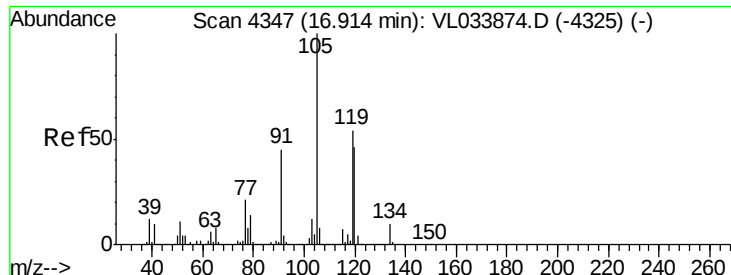
Delta R.T. -0.02 min

Lab File: VL033959.D

Acq: 25 Jun 2019 5:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	37.1	55.7





#74
 1,2,4-Trimethylbenzene
 Concen: 0.584 ppbv
 RT: 16.89 min Scan# 4341
 Delta R.T. -0.02 min
 Lab File: VL033959.D
 Acq: 25 Jun 2019 5:55

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Tot Ion	Ratio	Resp Lower	Upper
105	100		
120	40.2	36.7	55.1
91	11.2	35.8	53.8#
77	11.8	16.9	25.3#

Manual Integrations
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