

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
 Data File : VL033946.D
 Acq On : 24 Jun 2019 21:17
 Operator : SY/AP
 Sample : K3481-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 TZC-SSDS-AREA-B-1

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 8:15:45 AM

Quant Time: Jun 25 21:34:28 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	5.75	49	972080	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.27	114	2897967	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	2893075	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.56	95	2347781	9.88	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.80%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.07	85	52894	0.335 ppbv	97
3) Chlorodifluoromethane	3.00	51	101775m	0.889 ppbv	
4) Chloromethane	3.16	50	35204	0.539 ppbv	95
9) Propene	3.04	41	73273	1.711 ppbv #	69
10) Heptane	8.22	43	390970	3.612 ppbv	90
11) Trichlorofluoromethane	3.99	101	43076	0.212 ppbv	97
13) Ethanol	3.65	45	480758	34.508 ppbv	93
15) Acetone	3.88	43	8221712	57.992 ppbv #	86
17) tert-Butyl alcohol	4.36	59	7020528	63.346 ppbv	99
19) Isopropyl Alcohol	4.03	45	292418	3.610 ppbv #	94
20) Methylene Chloride	4.40	84	235602	4.261 ppbv	96
26) Hexane	5.76	57	318322	3.238 ppbv #	41
27) Carbon Disulfide	4.61	76	75050	0.550 ppbv #	94
34) 2-Butanone	5.31	43	1086992	6.649 ppbv	97
35) Carbon Tetrachloride	7.11	117	10666m	0.048 ppbv	
36) Benzene	6.98	78	839914	3.794 ppbv	98
50) 4-Methyl-2-Pentanone	8.86	43	227289	0.932 ppbv	99
52) Tetrachloroethene	11.34	164	29788m	0.382 ppbv	
53) Toluene	9.92	91	3672981	14.993 ppbv	98
58) Ethyl Benzene	12.84	91	2263819	6.940 ppbv	98
59) m/p-Xylene	13.10	91	7362550	24.822 ppbv	95
60) o-Xylene	13.83	91	3998723	13.057 ppbv	97
61) Styrene	13.69	104	28701967	144.823 ppbv #	91
62) Isopropylbenzene	14.81	105	1933532	4.684 ppbv	99
64) n-propylbenzene	15.70	120	417716	3.952 ppbv	98
70) n-Butylbenzene	18.69	91	157811m	0.323 ppbv	
72) 4-Ethyltoluene	15.98	105	241962	0.694 ppbv #	92
73) 1,3,5-Trimethylbenzene	16.14	105	100635	0.293 ppbv #	86
74) 1,2,4-Trimethylbenzene	16.90	105	332247	0.840 ppbv #	76
76) 1,4-Dichlorobenzene	17.28	146	42486m	0.187 ppbv	
79) Naphthalene	22.38	128	88449	0.280 ppbv	97

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

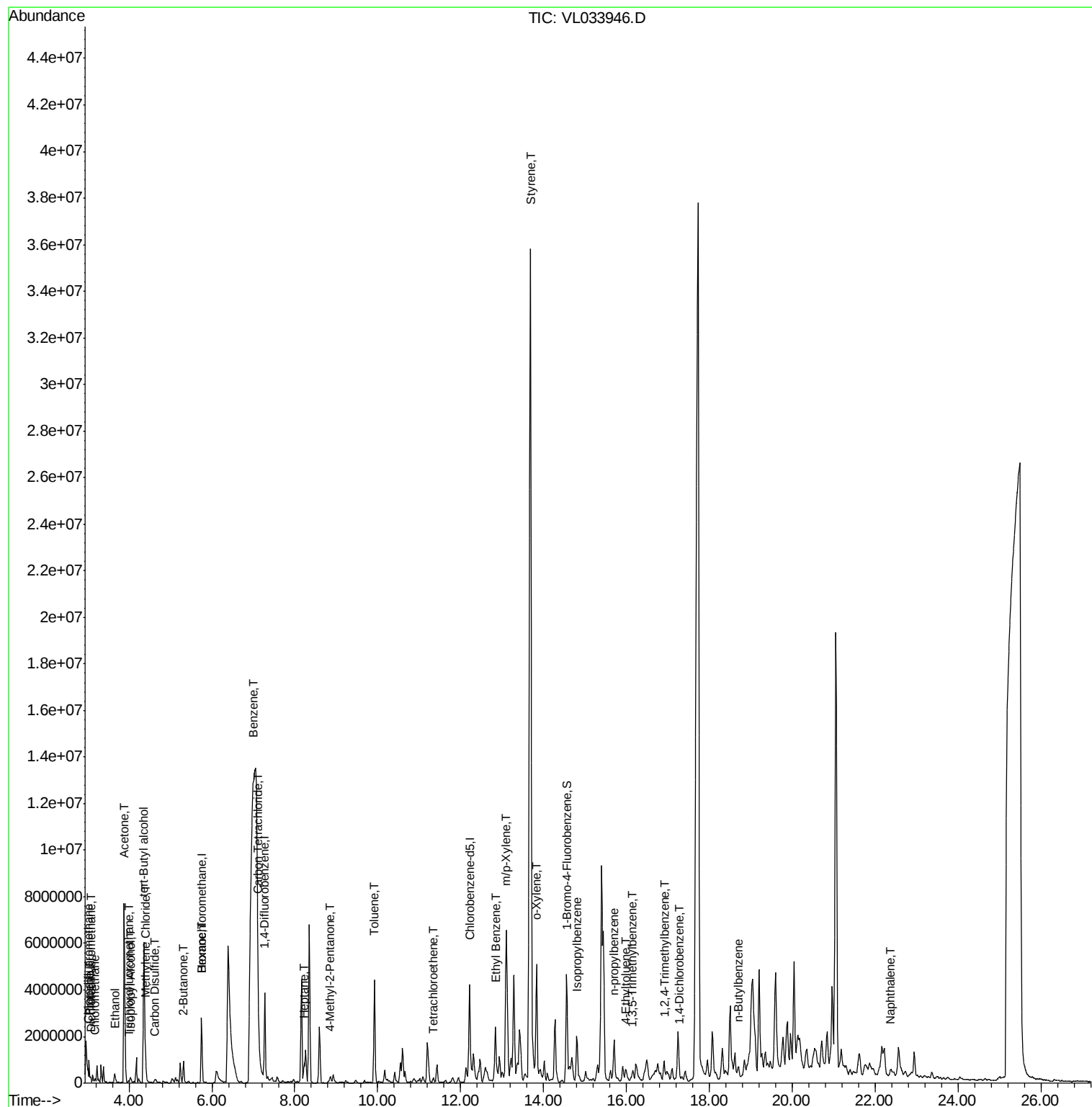
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062419\
Data File : VL033946.D
Acq On : 24 Jun 2019 21:17
Operator : SY/AP
Sample : K3481-03
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

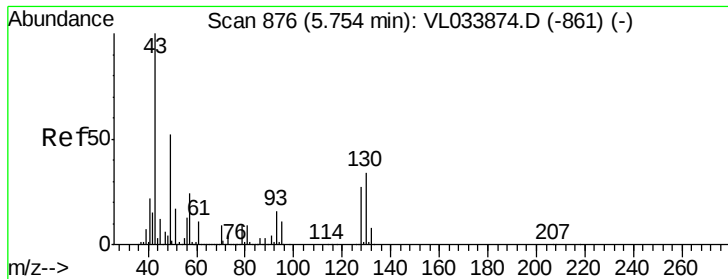
Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-B-1

Manual Integrations
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Quant Time: Jun 25 21:34:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 874

Delta R.T. -0.01 min

Lab File: VL033946.D

Acq: 24 Jun 2019 21:17

Instrument :

MSVOA_L

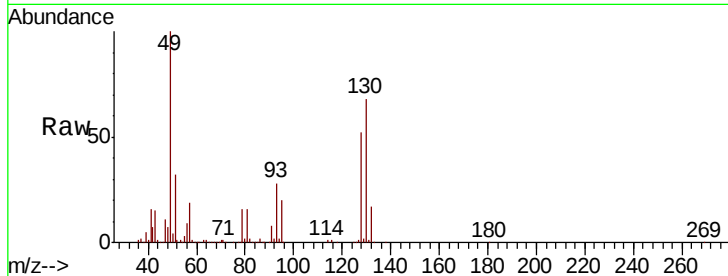
ClientSampleId :

TZC-SSDS-AREA-B-1

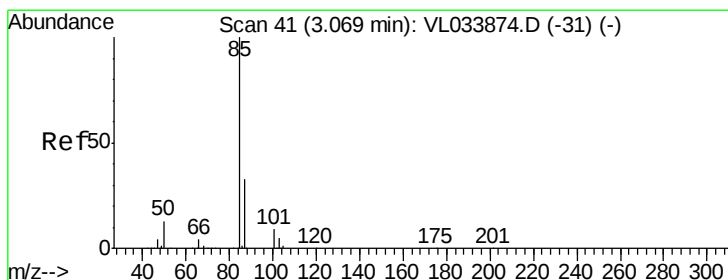
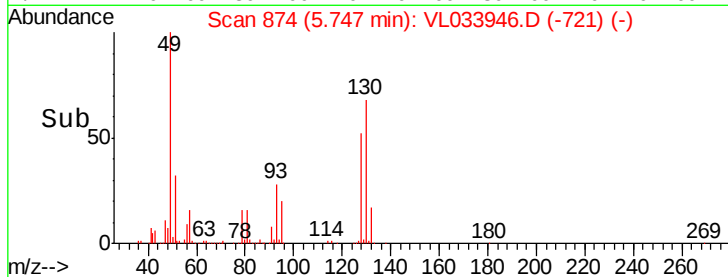
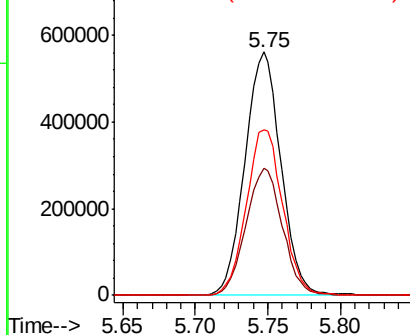
Tot Ion:	49	Resp:	972080
Ion	Ratio	Lower	Upper
49	100		
128	53.3	25.5	76.5
130	68.9	32.5	97.4

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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



#2

Dichlorodifluoromethane

Concen: 0.335 ppbv

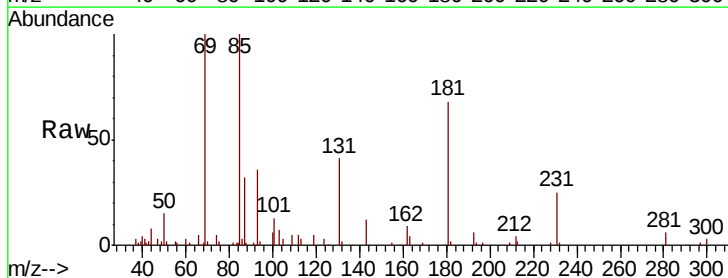
RT: 3.07 min Scan# 41

Delta R.T. -0.00 min

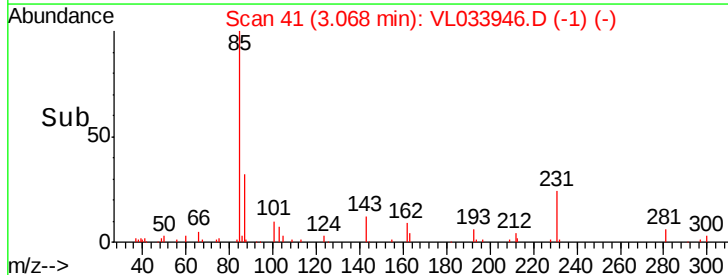
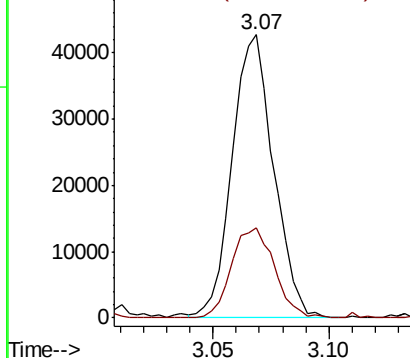
Lab File: VL033946.D

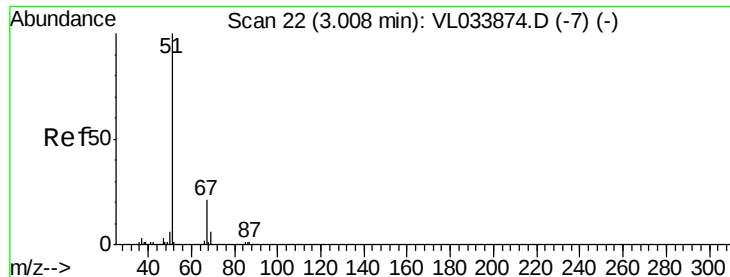
Acq: 24 Jun 2019 21:17

Tgt Ion:	85	Resp:	52894
Ion	Ratio	Lower	Upper
85	100		
87	31.6	26.6	40.0



Abundance Ion 85.00 (84.70 to 85.70): VL0
Ion 87.00 (86.70 to 87.70): VL0





#3

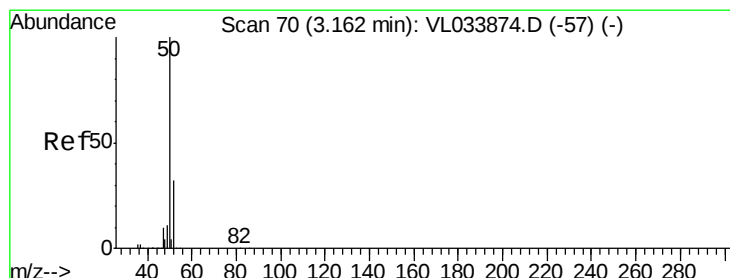
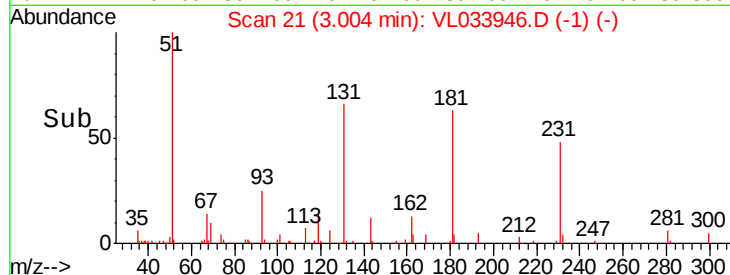
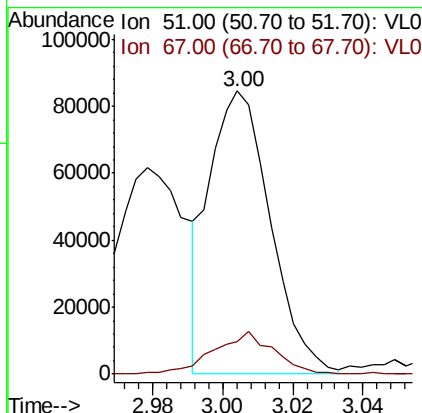
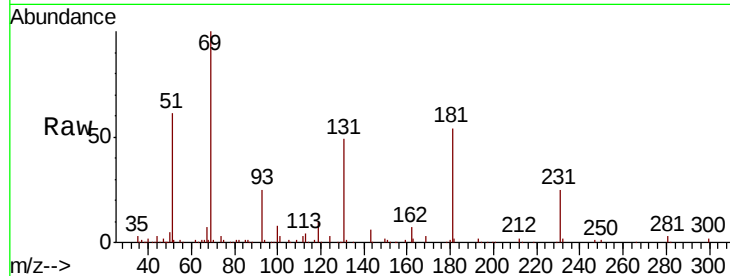
Chlorodifluoromethane
Concen: 0.889 ppbv
RT: 3.00 min Scan# 21
Delta R.T. -0.00 min
Lab File: VL033946.D
Acq: 24 Jun 2019 21:17

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-B-1

Tot Ion: 51 Resp: 101775
Ion Ratio Lower Upper
51 100
67 14.9 16.4 24.6#

Manual Integrations
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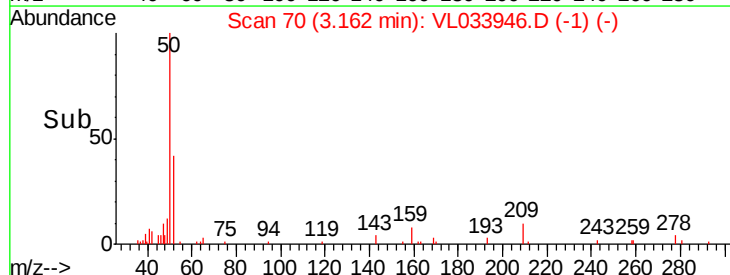
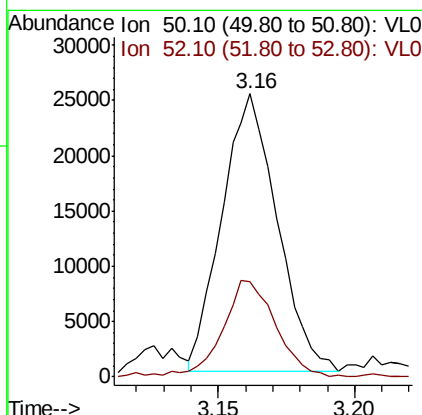
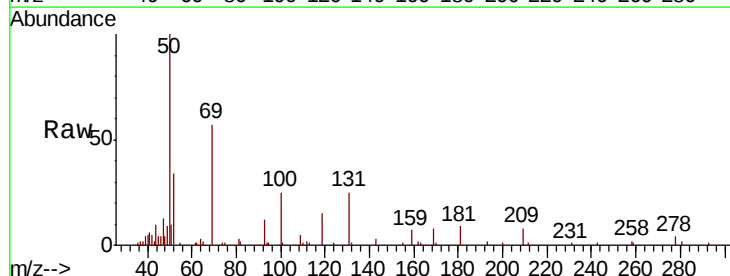
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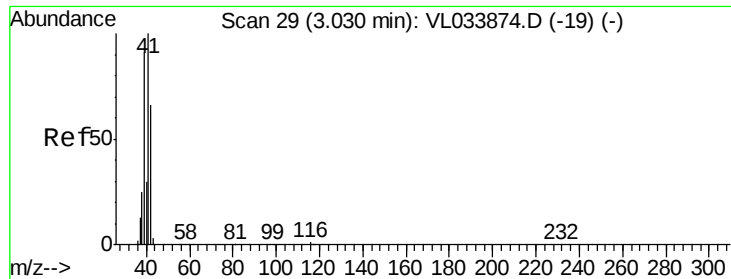


#4

Chloromethane
Concen: 0.539 ppbv
RT: 3.16 min Scan# 70
Delta R.T. -0.00 min
Lab File: VL033946.D
Acq: 24 Jun 2019 21:17

Tgt Ion: 50 Resp: 35204
Ion Ratio Lower Upper
50 100
52 34.5 25.4 38.0





#9

Propene

Concen: 1.711 ppbv

RT: 3.04 min Scan# 32

Delta R.T. 0.01 min

Lab File: VL033946.D

Acq: 24 Jun 2019 21:17

Instrument :

MSVOA_L

ClientSampleId :

TZC-SSDS-AREA-B-1

Tot Ion: 41 Resp: 73273

Ion Ratio Lower Upper

41 100

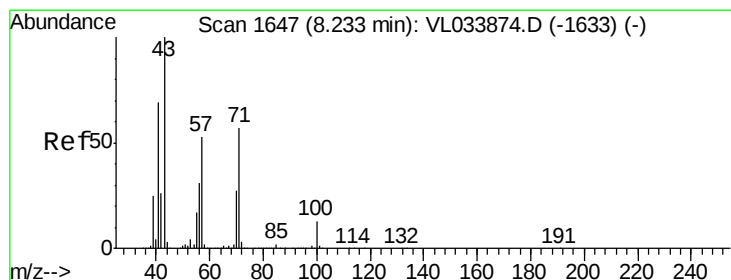
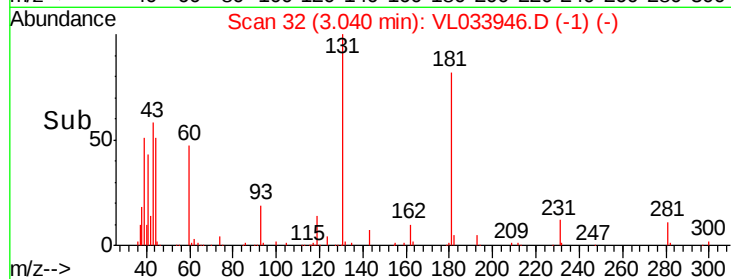
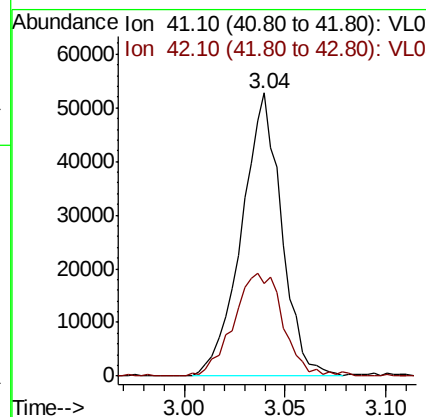
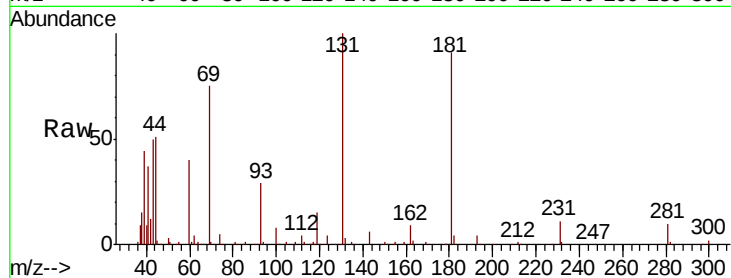
42 45.0 56.3 84.5#

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6/26/2019 8:15:45 AM



#10

Heptane

Concen: 3.612 ppbv

RT: 8.22 min Scan# 1644

Delta R.T. -0.01 min

Lab File: VL033946.D

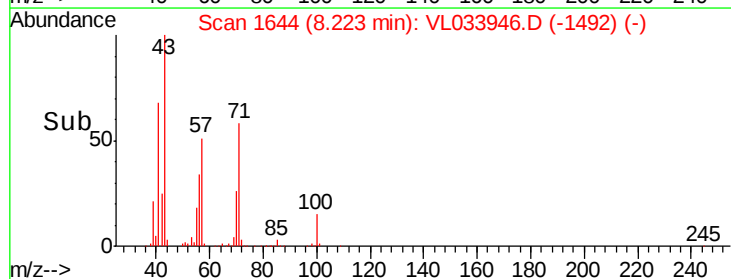
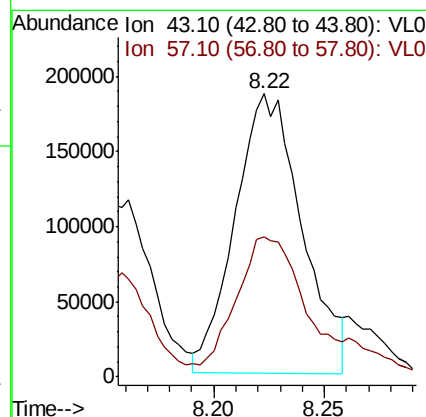
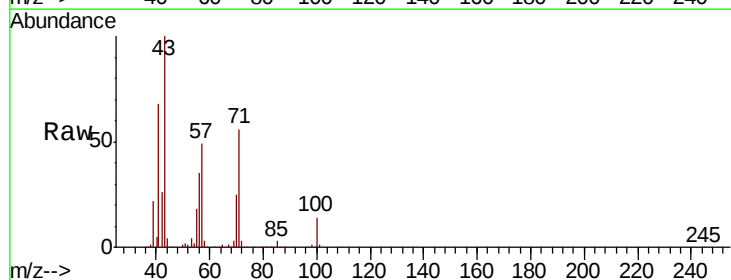
Acq: 24 Jun 2019 21:17

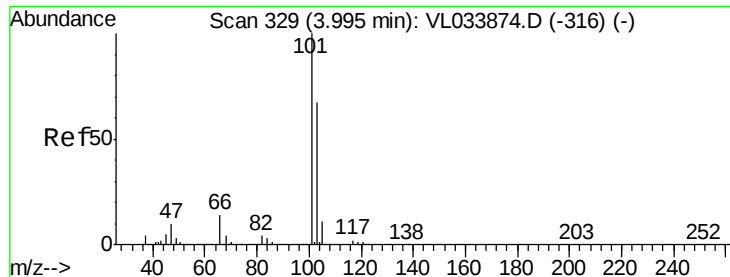
Tgt Ion: 43 Resp: 390970

Ion Ratio Lower Upper

43 100

57 59.3 41.7 62.5





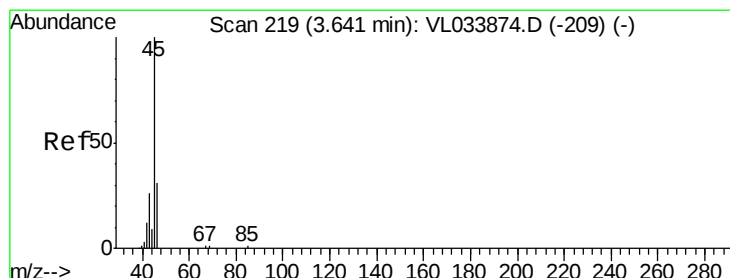
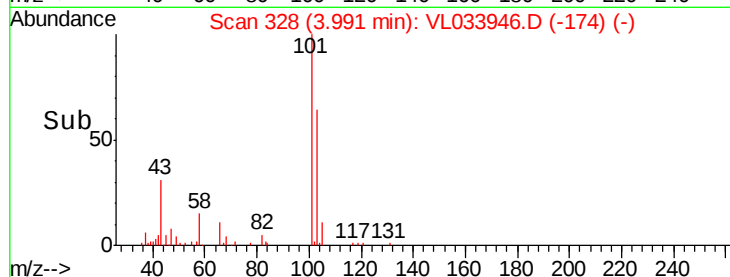
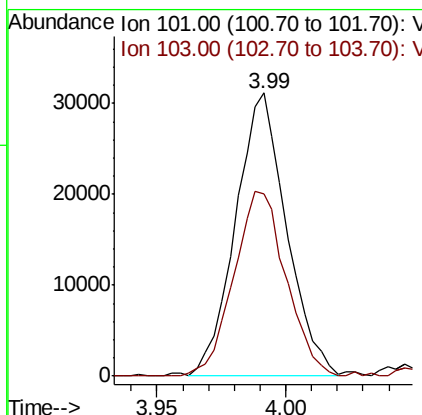
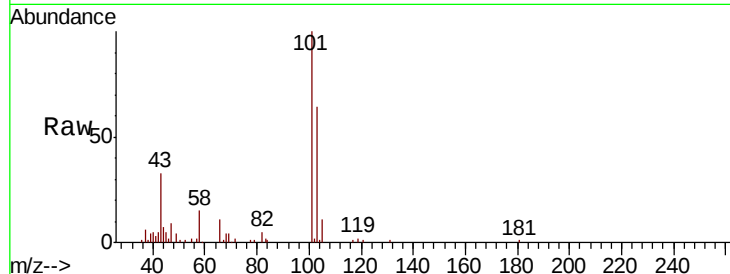
#11
Trichlorofluoromethane
Concen: 0.212 ppbv
RT: 3.99 min Scan# 328
Delta R.T. -0.00 min
Lab File: VL033946.D
Acq: 24 Jun 2019 21:17

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-B-1

Tot Ion:101 Resp: 43076
Ion Ratio Lower Upper
101 100
103 64.3 53.6 80.4

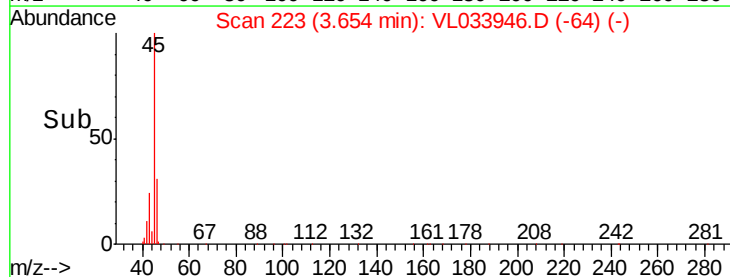
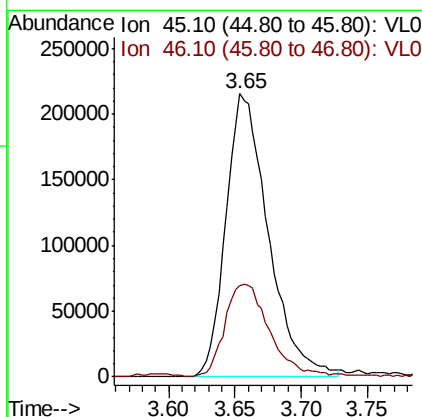
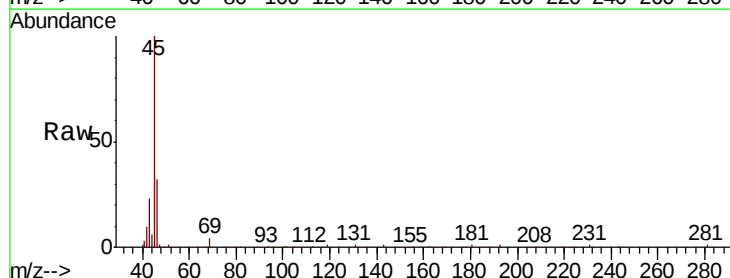
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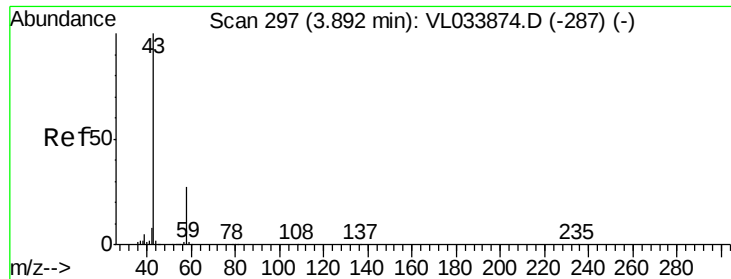
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#13
Ethanol
Concen: 34.508 ppbv
RT: 3.65 min Scan# 223
Delta R.T. 0.01 min
Lab File: VL033946.D
Acq: 24 Jun 2019 21:17

Tgt Ion: 45 Resp: 480758
Ion Ratio Lower Upper
45 100
46 33.9 15.3 61.1





#15

Acetone

Concen: 57.992 ppbv

RT: 3.88 min Scan# 294

Delta R.T. -0.01 min

Lab File: VL033946.D

Acq: 24 Jun 2019 21:17

Instrument :

MSVOA_L

ClientSampleId :

TZC-SSDS-AREA-B-1

Tot Ion: 43 Resp: 8221712

Ion Ratio Lower Upper

43 100

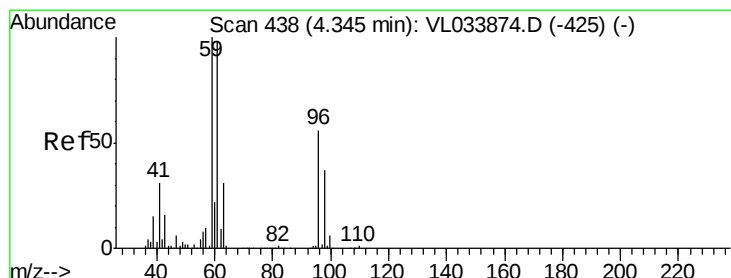
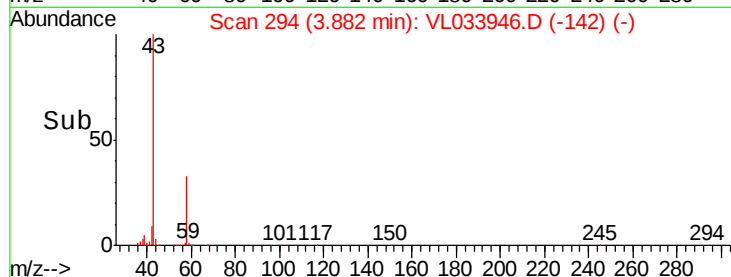
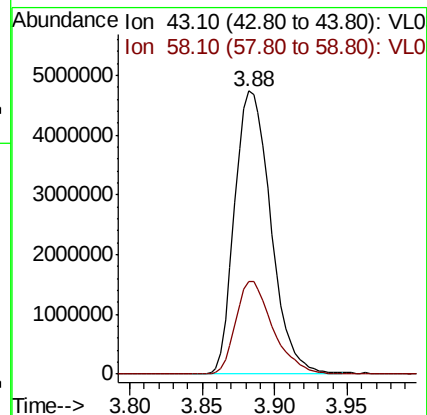
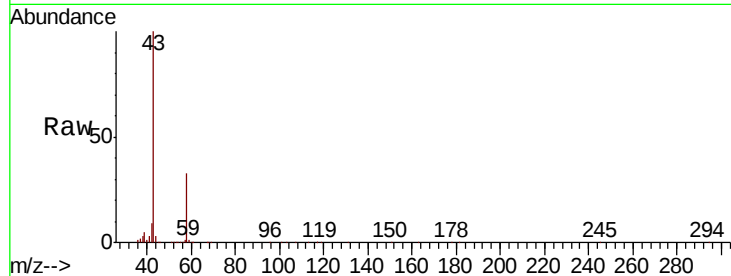
58 33.9 21.3 31.9#

Manual Integrations

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6/26/2019 8:15:45 AM



#17

tert-Butyl alcohol

Concen: 63.346 ppbv

RT: 4.36 min Scan# 442

Delta R.T. 0.01 min

Lab File: VL033946.D

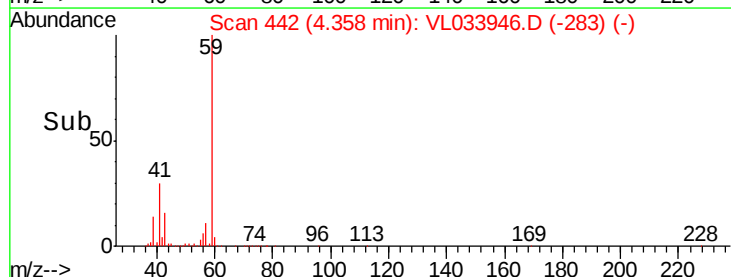
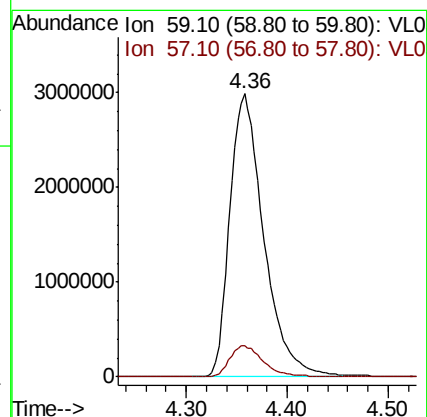
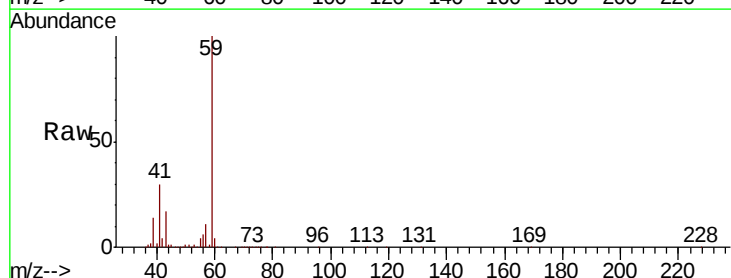
Acq: 24 Jun 2019 21:17

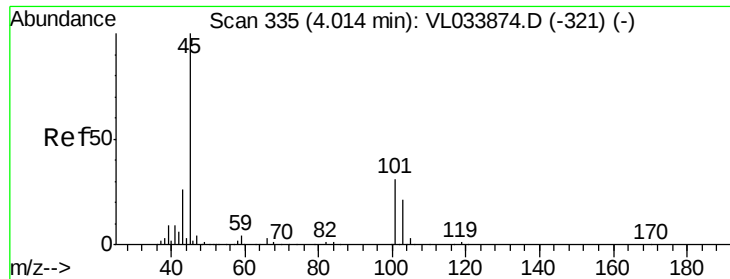
Tgt Ion: 59 Resp: 7020528

Ion Ratio Lower Upper

59 100

57 11.1 8.4 12.6





#19

Isopropyl Alcohol

Concen: 3.610 ppbv

RT: 4.03 min Scan# 341

Delta R.T. 0.02 min

Lab File: VL033946.D

Acq: 24 Jun 2019 21:17

Instrument :

MSVOA_L

ClientSampleId :

TZC-SSDS-AREA-B-1

Tot Ion: 45 Resp: 292418

Ion Ratio Lower Upper

45 100

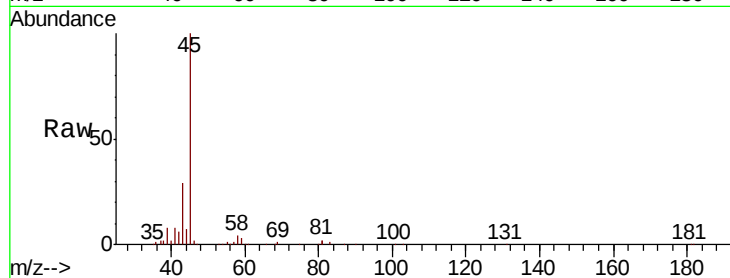
58 0.0 1.8 2.6#

Manual Integrations

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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

4.03

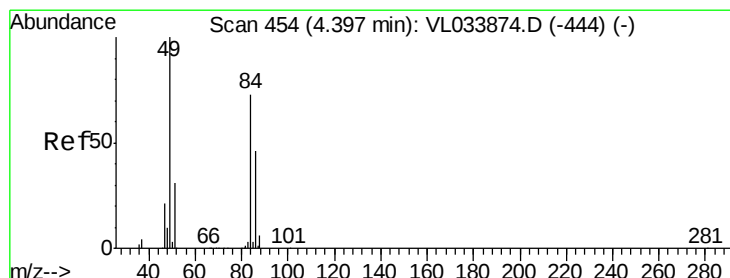
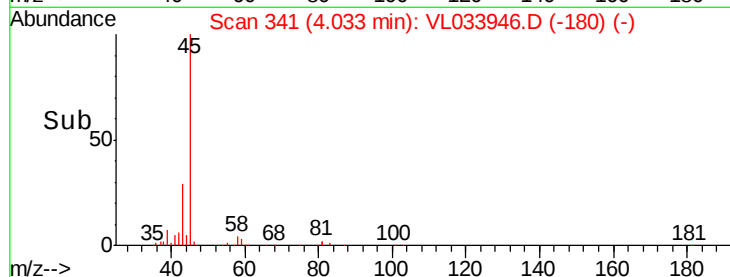
150000

100000

50000

0

Time--> 3.95 4.00 4.05 4.10



#20

Methylene Chloride

Concen: 4.261 ppbv

RT: 4.40 min Scan# 455

Delta R.T. 0.00 min

Lab File: VL033946.D

Acq: 24 Jun 2019 21:17

Tgt Ion: 84 Resp: 235602

Ion Ratio Lower Upper

84 100

49 130.8 110.0 165.0

51 43.4 34.6 51.8

86 67.1 50.6 75.8

Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

300000

250000

200000

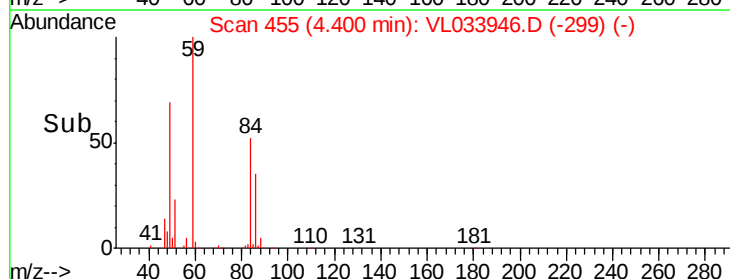
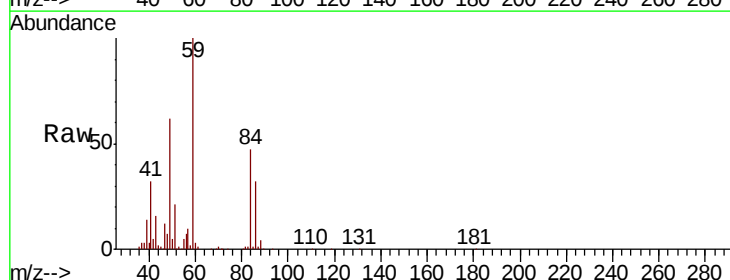
150000

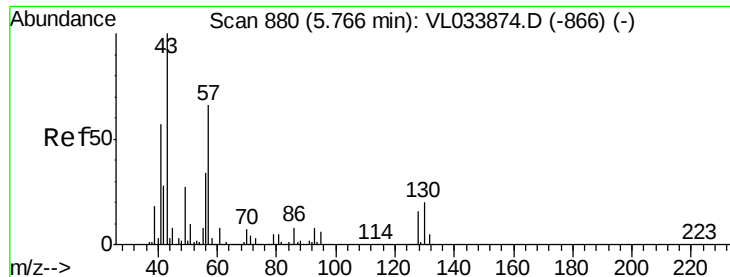
100000

50000

0

Time--> 4.35 4.40 4.45





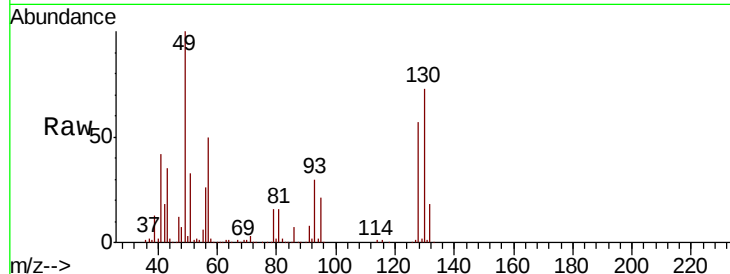
#26
Hexane
Concen: 3.238 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.01 min
Lab File: VL033946.D
Acq: 24 Jun 2019 21:17

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-B-1

Tot Ion	Ratio	Lower	Upper
57	100		
41	86.2	71.4	107.2
43	74.5	183.7	275.5#
56	53.2	42.7	64.1

Manual Integrations
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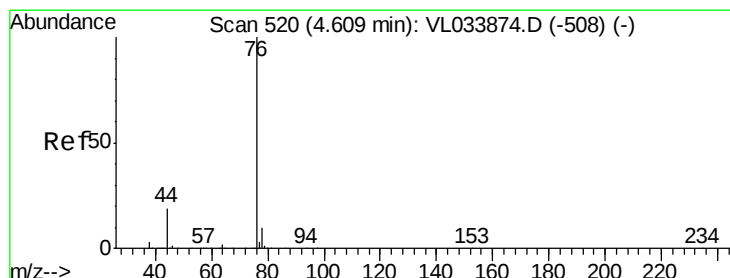
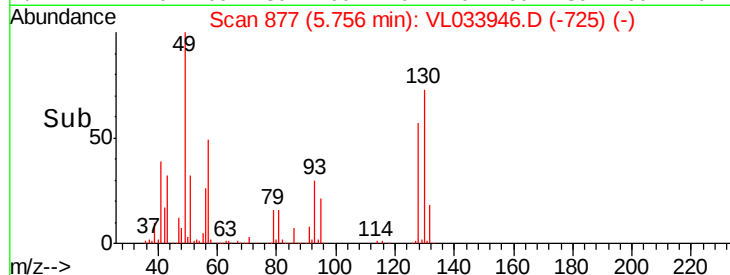
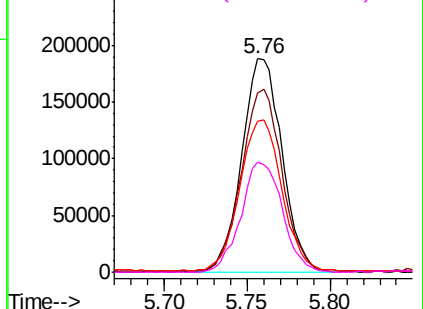
Abundance

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



#27
Carbon Disulfide
Concen: 0.550 ppbv
RT: 4.61 min Scan# 520
Delta R.T. -0.00 min
Lab File: VL033946.D
Acq: 24 Jun 2019 21:17

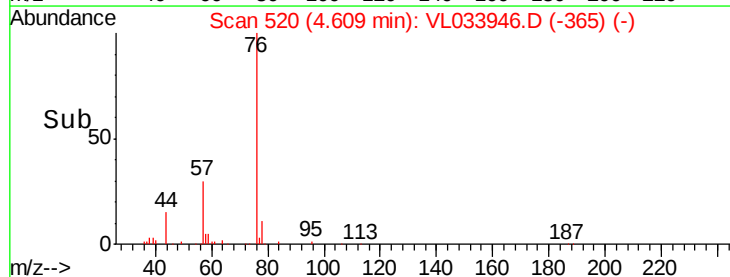
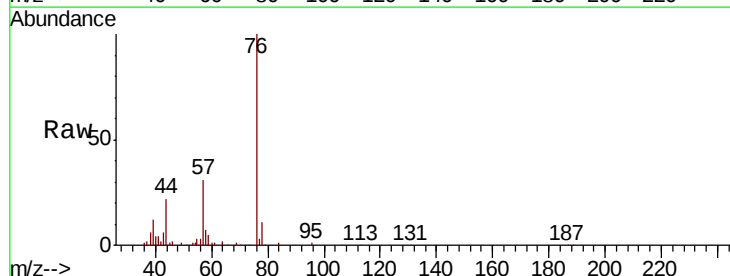
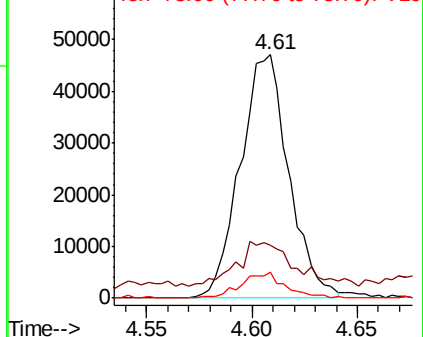
Tgt Ion	Ratio	Lower	Upper
76	100		
44	22.2	14.4	21.6#
78	9.6	7.5	11.3

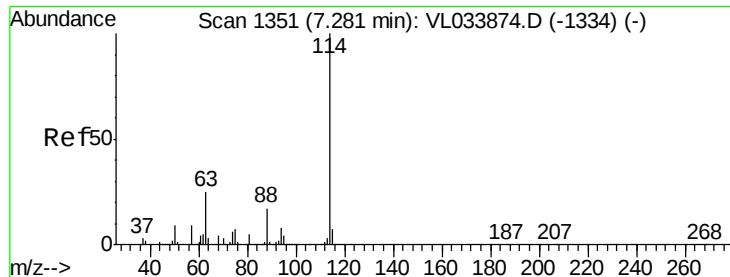
Abundance

Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0





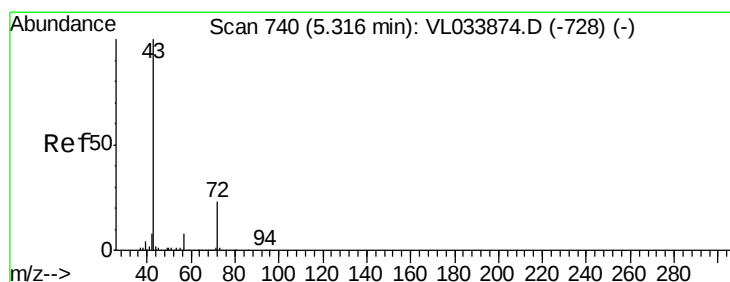
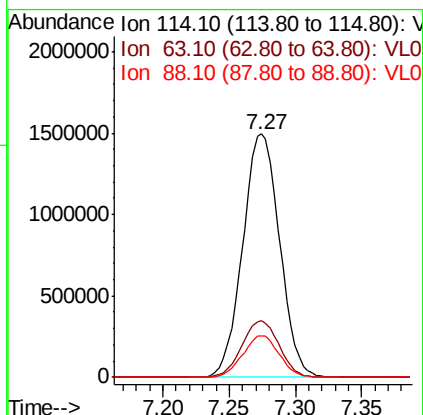
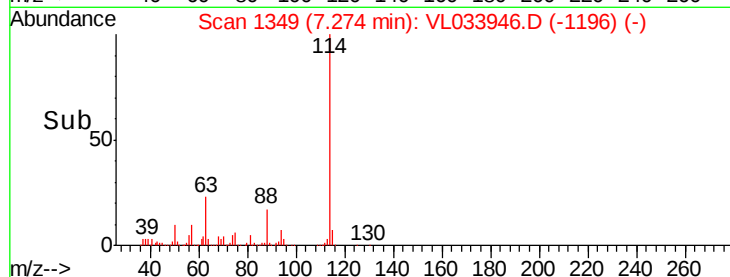
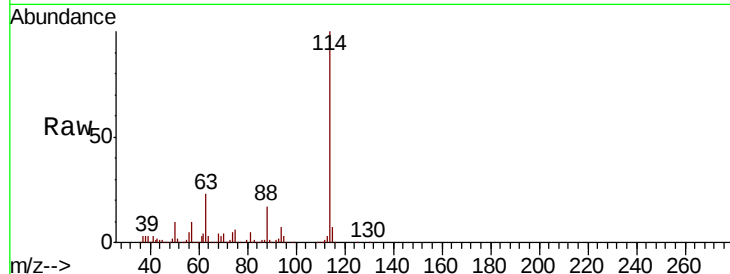
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.27 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: VL033946.D
 Acq: 24 Jun 2019 21:17

Instrument :
 MSVOA_L
 ClientSampleId :
 TZC-SSDS-AREA-B-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.5	21.1	31.7
88	17.0	14.2	21.4

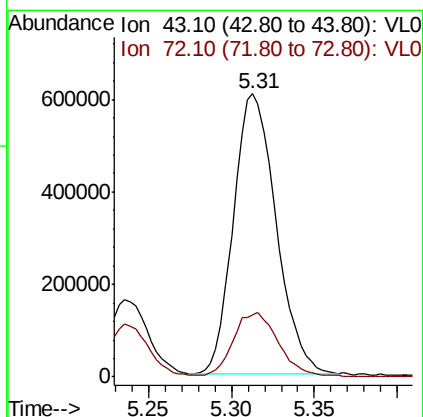
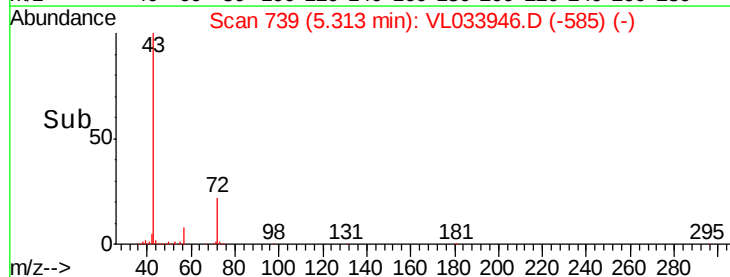
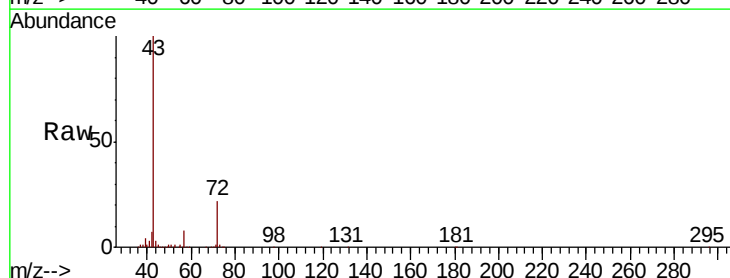
Manual Integrations
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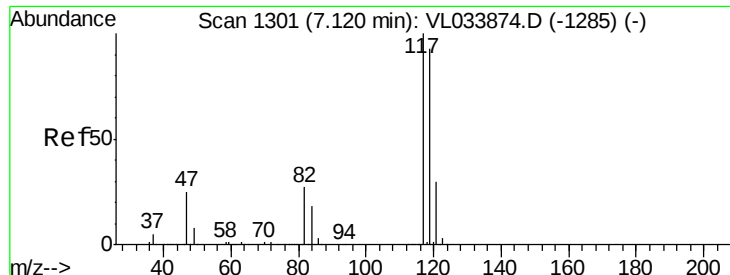
MMDadoda
 6/26/2019 8:15:45 AM



#34
 2-Butanone
 Concen: 6.649 ppbv
 RT: 5.31 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: VL033946.D
 Acq: 24 Jun 2019 21:17

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.0	17.9	26.9





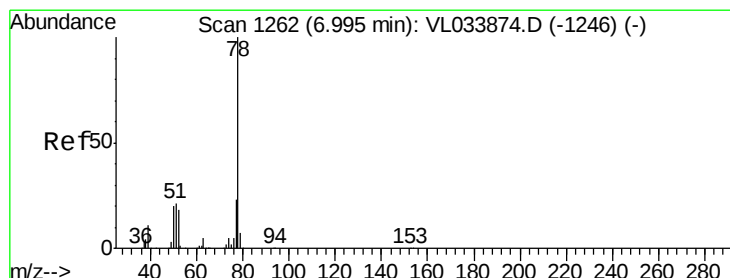
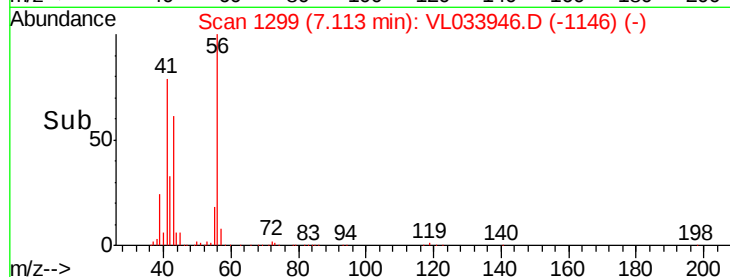
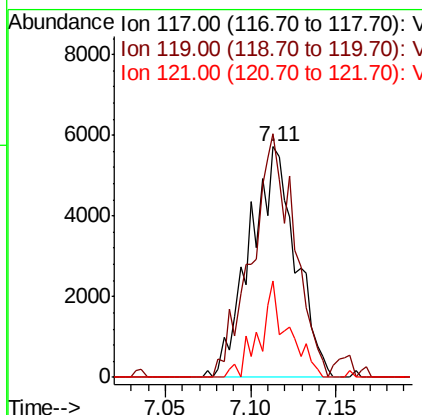
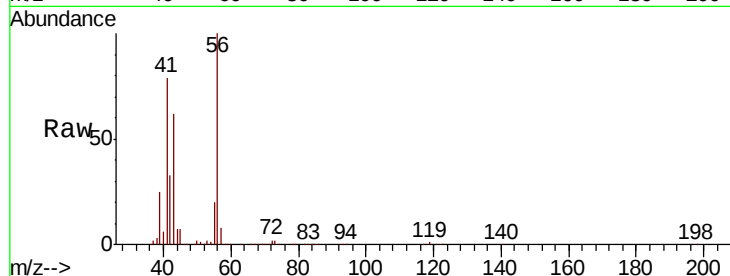
#35
Carbon Tetrachloride
Concen: 0.048 ppbv m
RT: 7.11 min Scan# 1299
Delta R.T. -0.01 min
Lab File: VL033946.D
Acq: 24 Jun 2019 21:17

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-B-1

Tot Ion	Ratio	Lower	Upper
117	100		
119	105.7	74.6	111.8
121	41.7	24.0	36.0

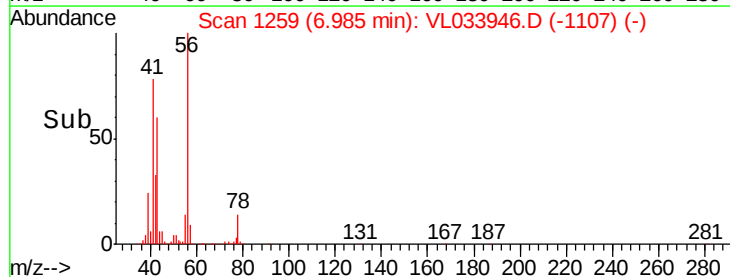
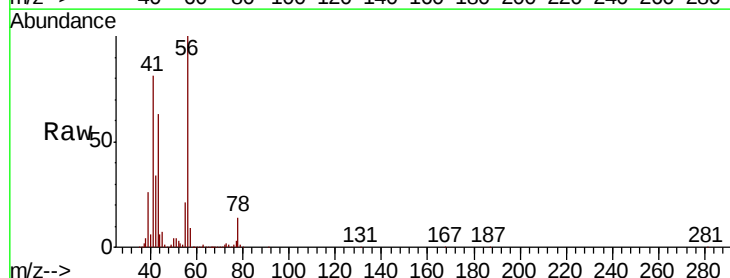
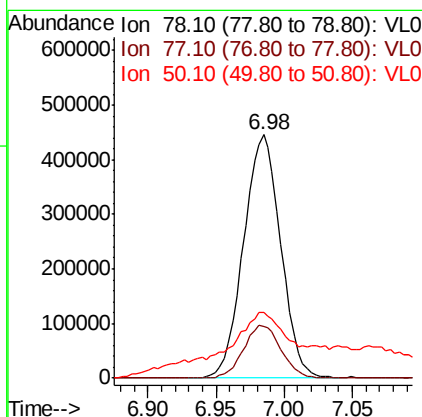
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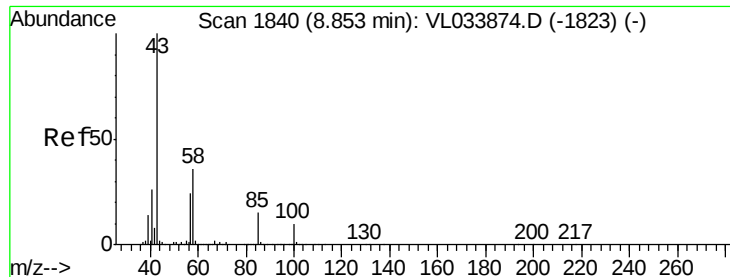
MMDadoda
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#36
Benzene
Concen: 3.794 ppbv
RT: 6.98 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VL033946.D
Acq: 24 Jun 2019 21:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.2	18.2	27.2
50	20.2	15.9	23.9





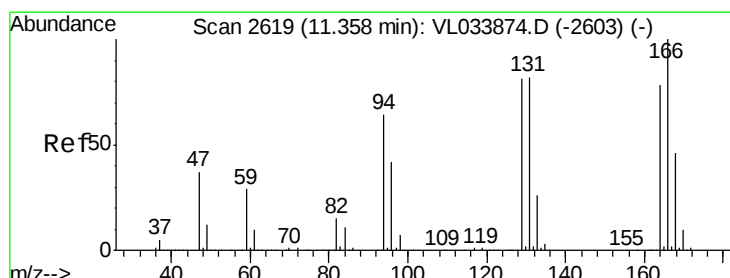
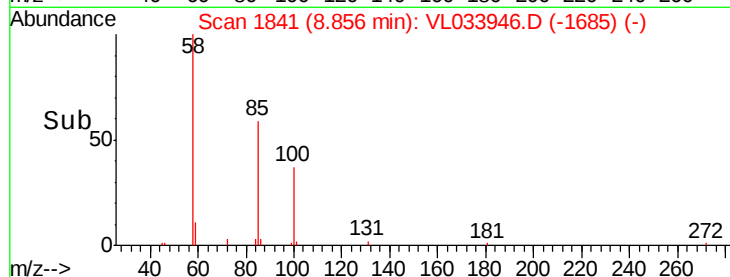
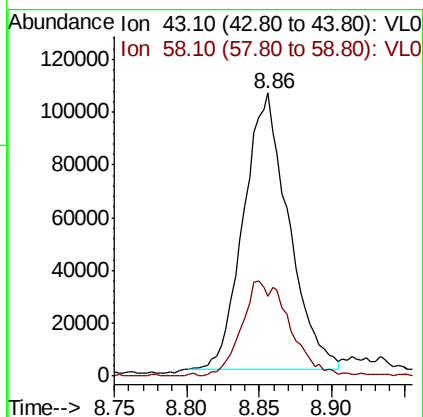
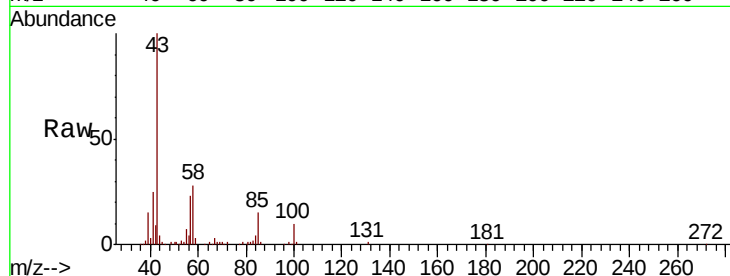
#50
4-Methyl-2-Pentanone
Concen: 0.932 ppbv
RT: 8.86 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VL033946.D
Acq: 24 Jun 2019 21:17

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-B-1

Tot Ion: 43 Resp: 227289
Ion Ratio Lower Upper
43 100
58 36.6 28.6 42.8

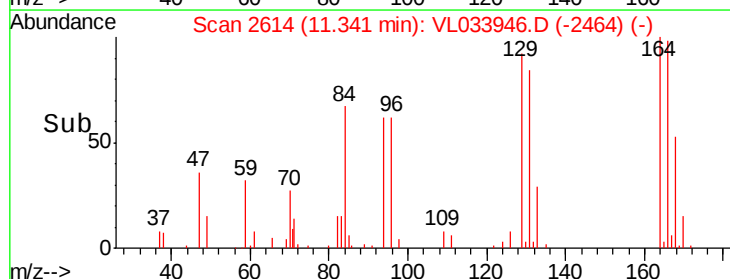
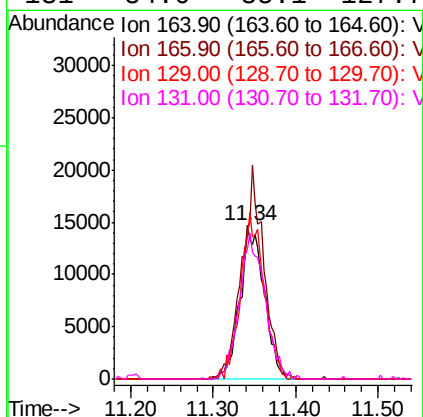
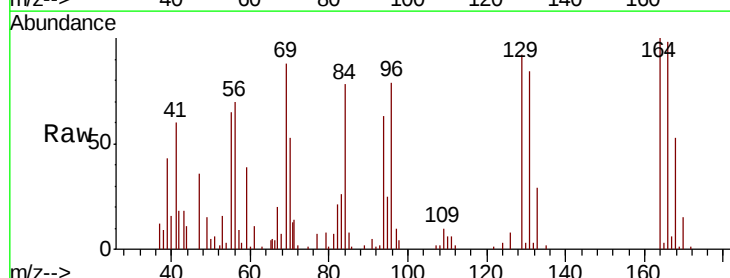
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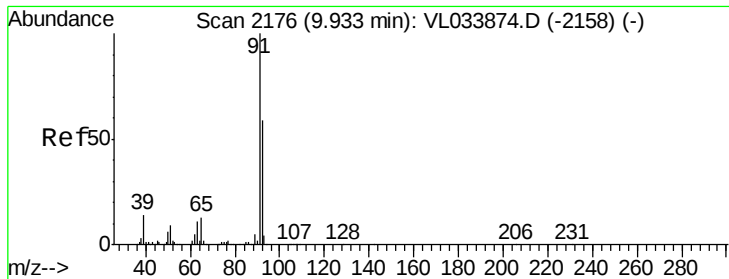
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#52
Tetrachloroethene
Concen: 0.382 ppbv m
RT: 11.34 min Scan# 2614
Delta R.T. -0.02 min
Lab File: VL033946.D
Acq: 24 Jun 2019 21:17

Tgt Ion: 164 Resp: 29788
Ion Ratio Lower Upper
164 100
166 97.8 103.1 154.7#
129 92.0 83.9 125.9
131 84.0 85.1 127.7#





#53

Toluene

Concen: 14.993 ppbv

RT: 9.92 min Scan# 2172

Delta R.T. -0.01 min

Lab File: VL033946.D

Acq: 24 Jun 2019 21:17

Instrument :

MSVOA_L

ClientSampleId :

TZC-SSDS-AREA-B-1

Tot Ion: 91 Resp: 3672981

Ion Ratio Lower Upper

91 100

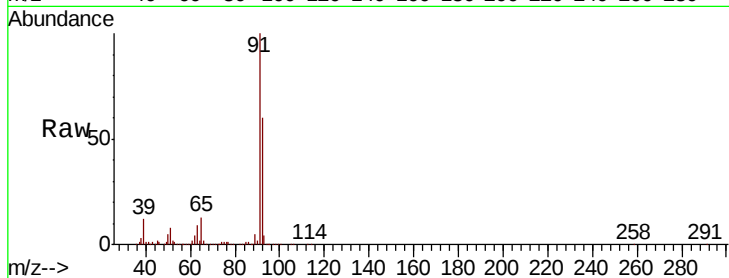
92 60.3 47.0 70.6

Manual Integrations

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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

2000000

1500000

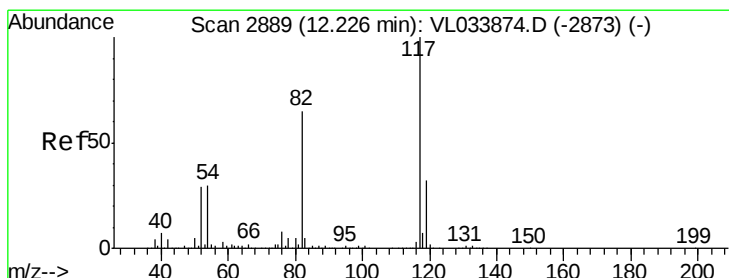
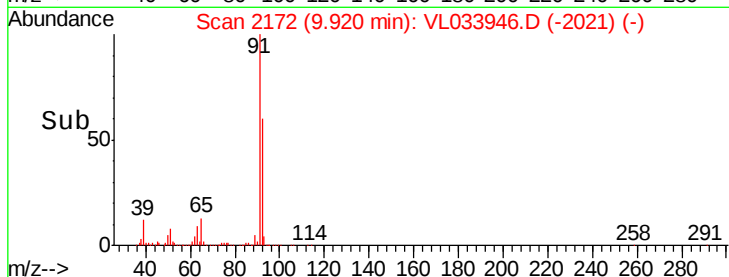
1000000

500000

0

9.90 9.92 10.00

Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.22 min Scan# 2886

Delta R.T. -0.01 min

Lab File: VL033946.D

Acq: 24 Jun 2019 21:17

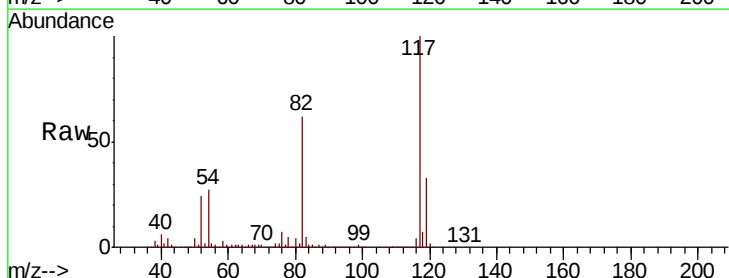
Tgt Ion: 117 Resp: 2893075

Ion Ratio Lower Upper

117 100

82 61.8 50.2 75.2

119 32.2 24.8 37.2



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

1500000

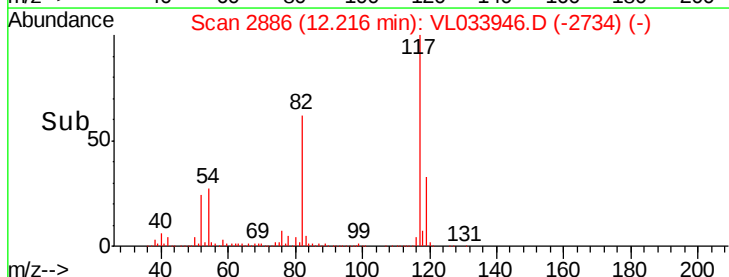
1000000

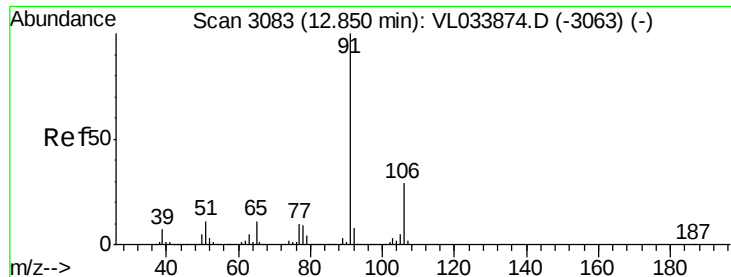
500000

0

12.10 12.20 12.30

Time-->





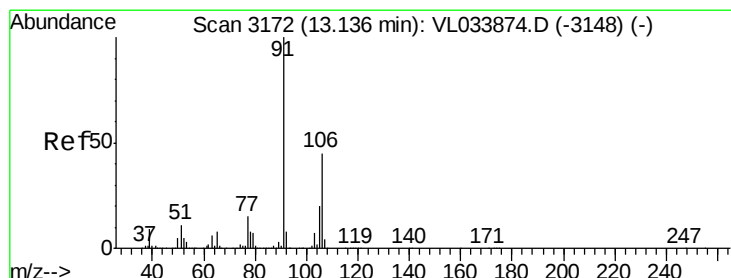
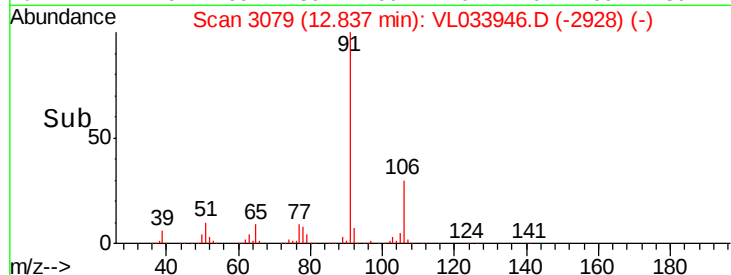
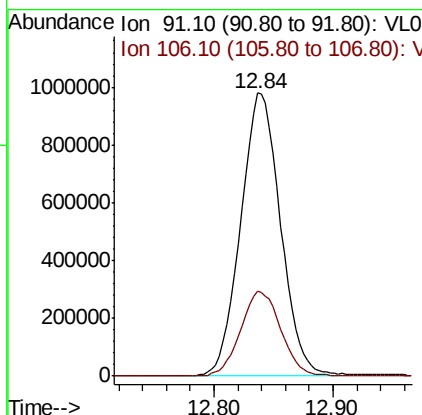
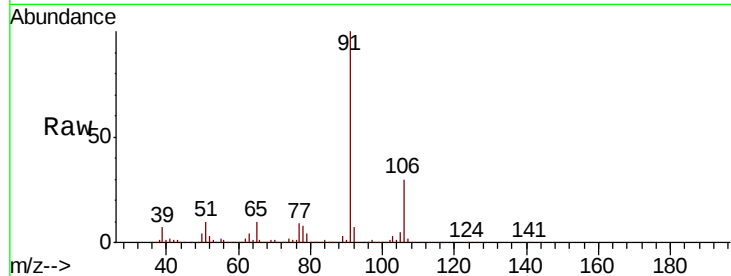
#58
Ethyl Benzene
Concen: 6.940 ppbv
RT: 12.84 min Scan# 3079
Delta R.T. -0.01 min
Lab File: VL033946.D
Acq: 24 Jun 2019 21:17

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-B-1

Tot Ion: 91 Resp: 2263819
Ion Ratio Lower Upper
91 100
106 29.9 23.0 34.6

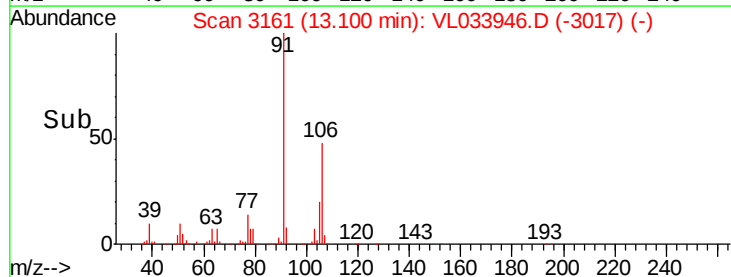
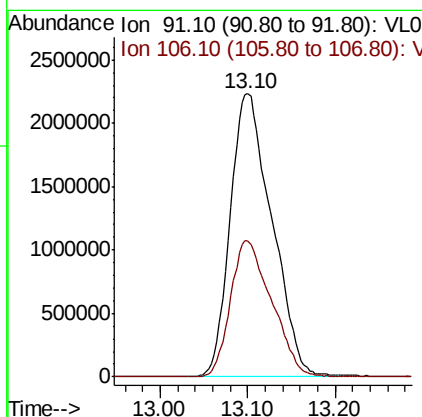
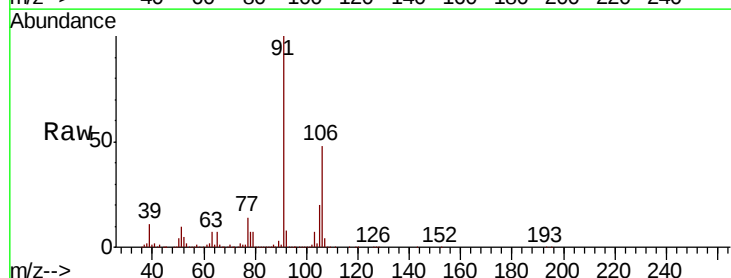
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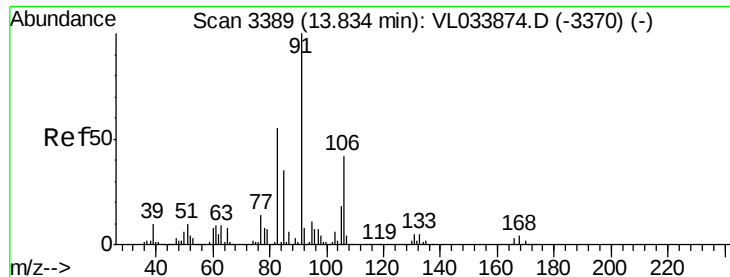
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#59
m/p-Xylene
Concen: 24.822 ppbv
RT: 13.10 min Scan# 3161
Delta R.T. -0.04 min
Lab File: VL033946.D
Acq: 24 Jun 2019 21:17

Tgt Ion: 91 Resp: 7362550
Ion Ratio Lower Upper
91 100
106 47.9 35.8 53.8





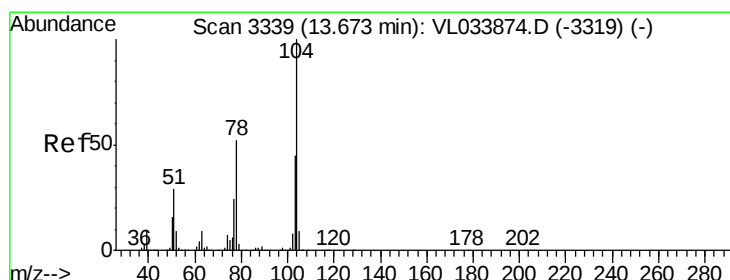
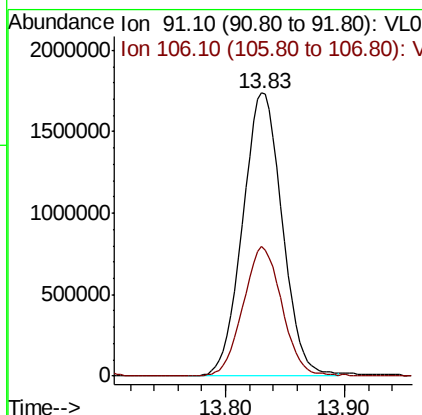
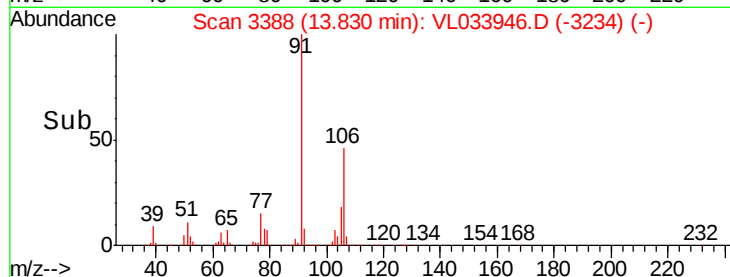
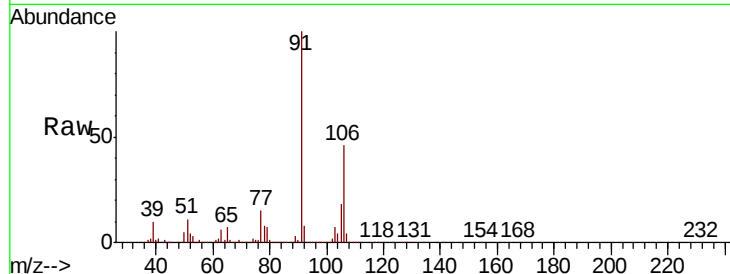
#60
o-Xylene
Concen: 13.057 ppbv
RT: 13.83 min Scan# 3388
Delta R.T. -0.00 min
Lab File: VL033946.D
Acq: 24 Jun 2019 21:17

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-B-1

Tot Ion: 91 Resp: 3998723
Ion Ratio Lower Upper
91 100
106 45.3 21.7 65.1

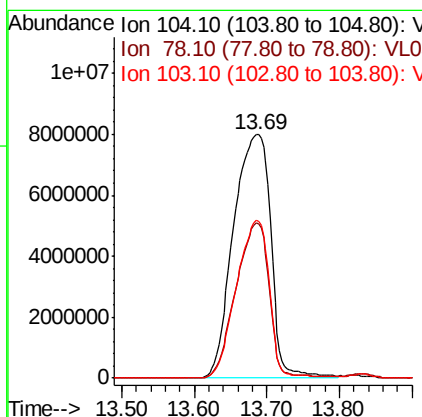
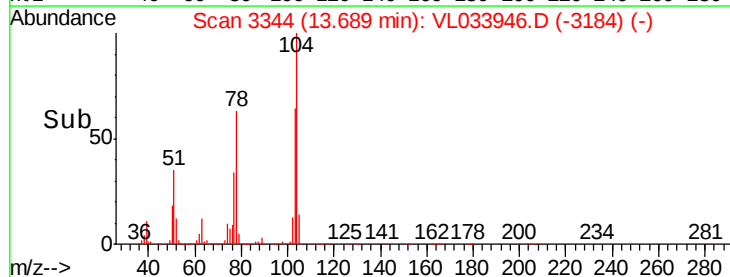
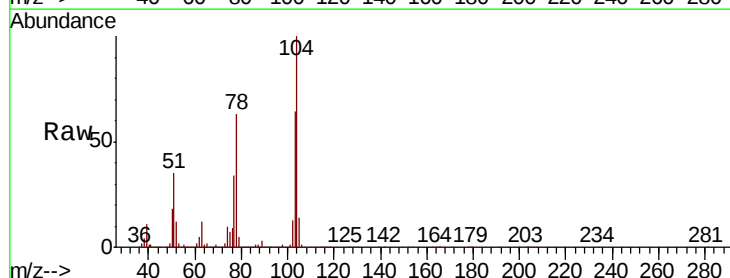
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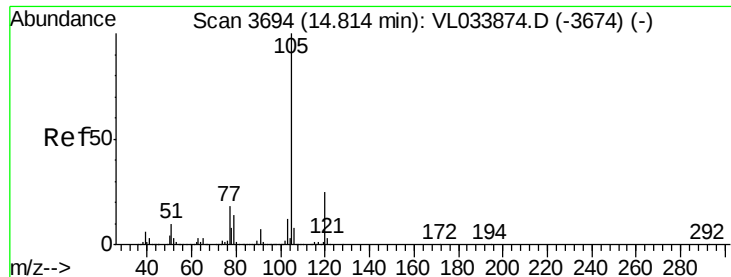
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#61
Styrene
Concen: 144.823 ppbv
RT: 13.69 min Scan# 3344
Delta R.T. 0.02 min
Lab File: VL033946.D
Acq: 24 Jun 2019 21:17

Tgt Ion: 104 Resp: 28701967
Ion Ratio Lower Upper
104 100
78 56.5 43.4 65.0
103 57.2 37.6 56.4#





#62

Isopropylbenzene

Concen: 4.684 ppbv

RT: 14.81 min Scan# 3692

Delta R.T. -0.01 min

Lab File: VL033946.D

Acq: 24 Jun 2019 21:17

Instrument :

MSVOA_L

ClientSampleId :

TZC-SSDS-AREA-B-1

Tot Ion:105 Resp: 1933532

Ion Ratio Lower Upper

105 100

120 25.8

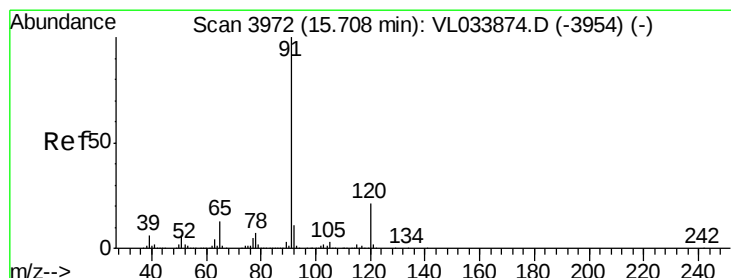
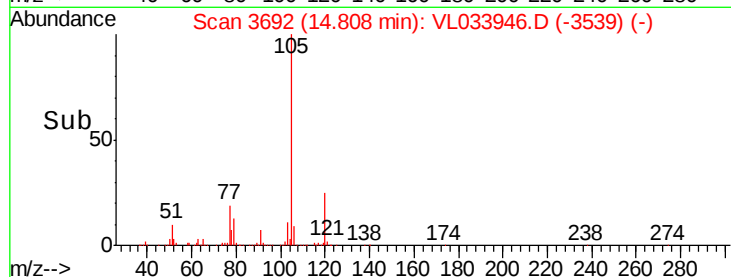
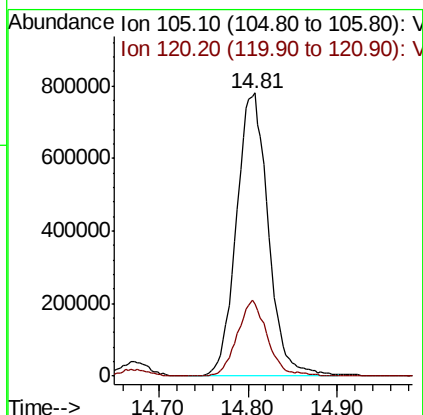
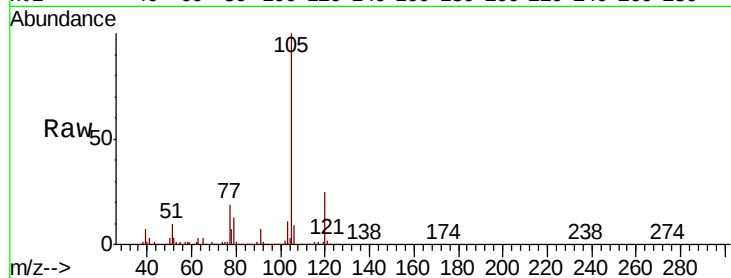
20.3 30.5

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#64

n-propylbenzene

Concen: 3.952 ppbv

RT: 15.70 min Scan# 3970

Delta R.T. -0.01 min

Lab File: VL033946.D

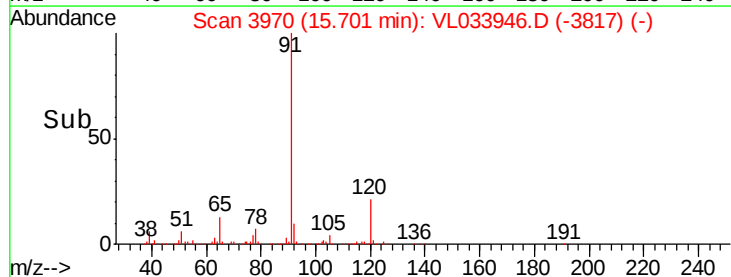
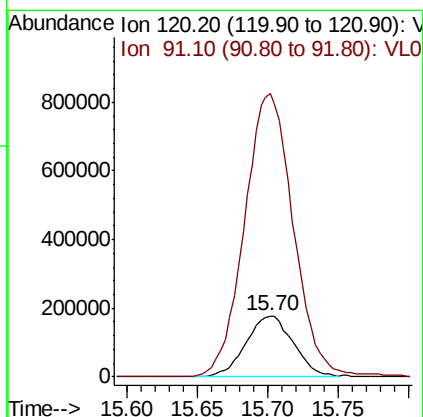
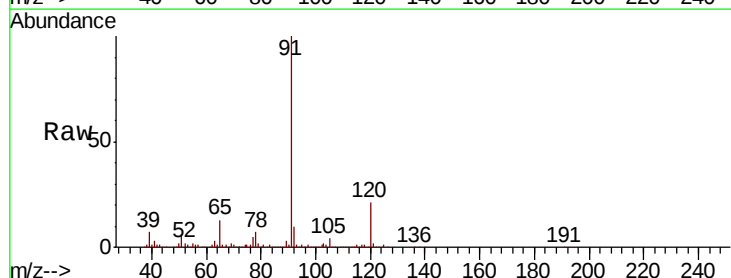
Acq: 24 Jun 2019 21:17

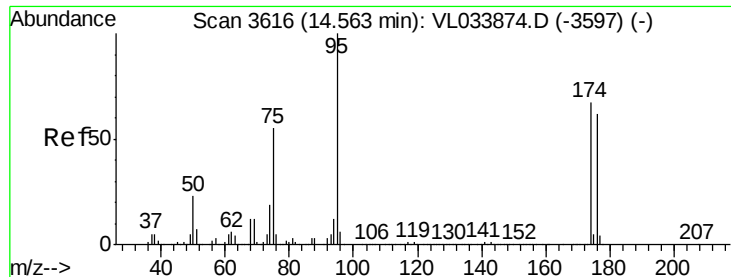
Tgt Ion:120 Resp: 417716

Ion Ratio Lower Upper

120 100

91 478.8 387.0 580.6





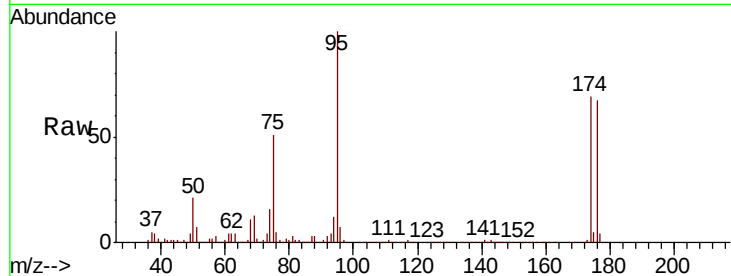
#68
1-Bromo-4-Fluorobenzene
Concen: 9.880 ppbv
RT: 14.56 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL033946.D
Acq: 24 Jun 2019 21:17

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-B-1

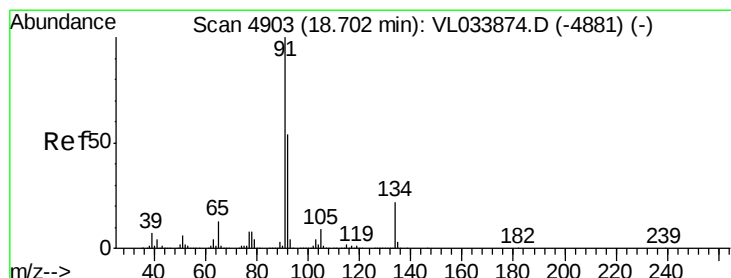
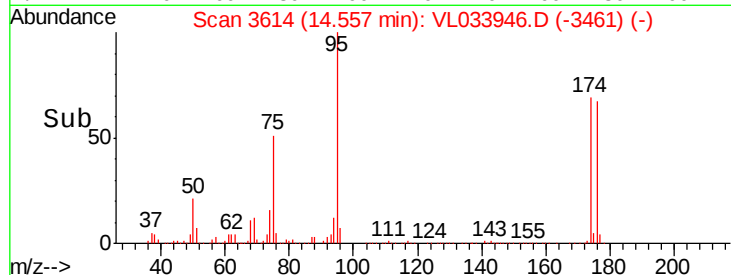
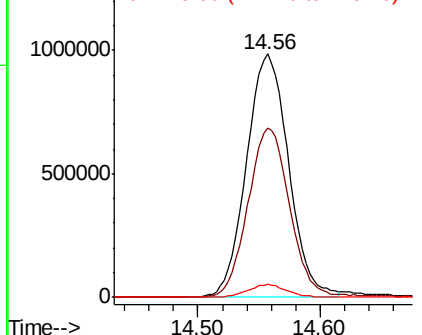
Tot Ion	Ratio	Lower	Upper
95	100		
174	70.0	54.0	81.0
175	5.0	3.8	5.8

Manual Integrations
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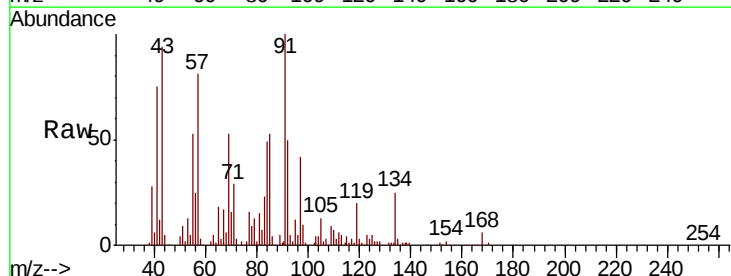


Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

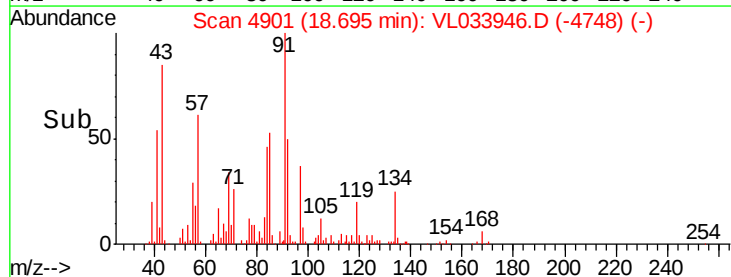
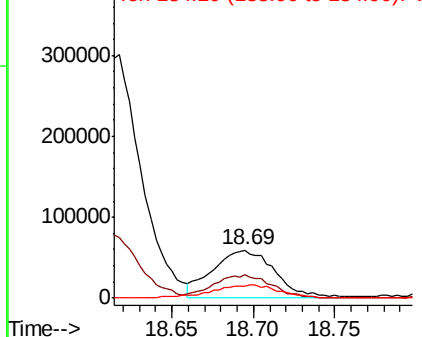


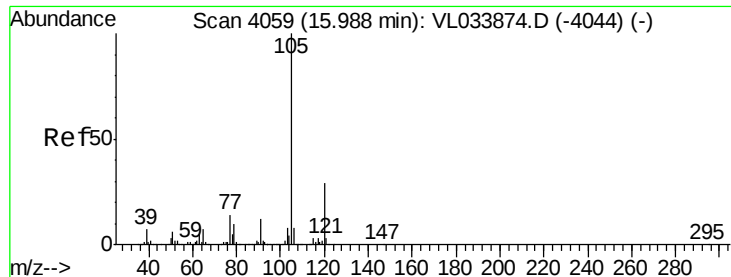
#70
n-Butylbenzene
Concen: 0.323 ppbv m
RT: 18.69 min Scan# 4901
Delta R.T. -0.01 min
Lab File: VL033946.D
Acq: 24 Jun 2019 21:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	43.3	42.5	63.7
134	0.0	17.8	26.6#



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





#72

4-Ethyltoluene

Concen: 0.694 ppbv

RT: 15.98 min Scan# 4056

Delta R.T. -0.01 min

Lab File: VL033946.D

Acq: 24 Jun 2019 21:17

Instrument :

MSVOA_L

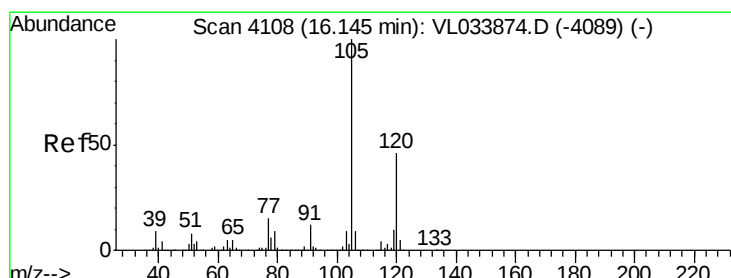
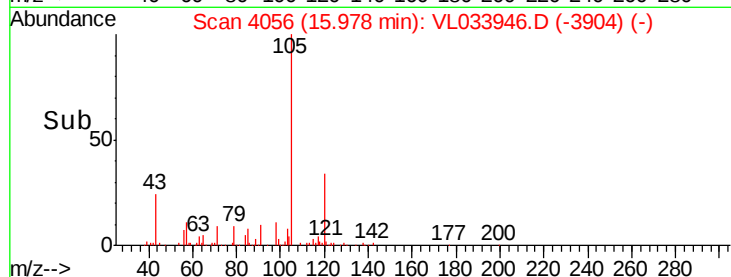
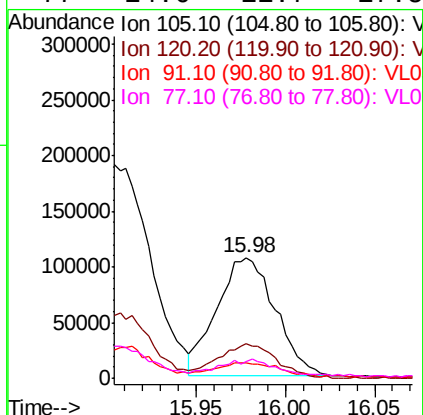
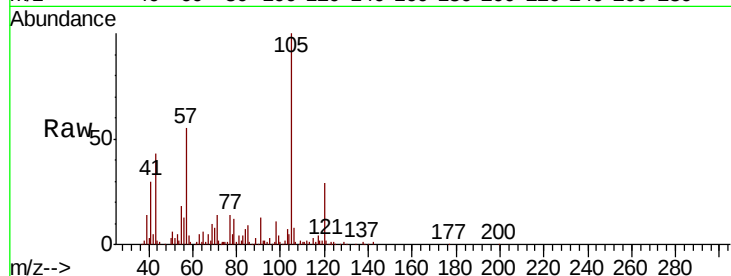
ClientSampleId :

TZC-SSDS-AREA-B-1

Tot Ion	Ratio	Lower	Upper
105	100		
120	28.7	23.5	35.3
91	0.0	10.4	15.6
77	14.6	11.7	17.5

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#73

1,3,5-Trimethylbenzene

Concen: 0.293 ppbv

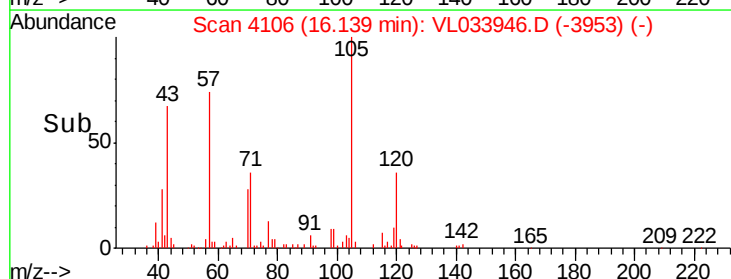
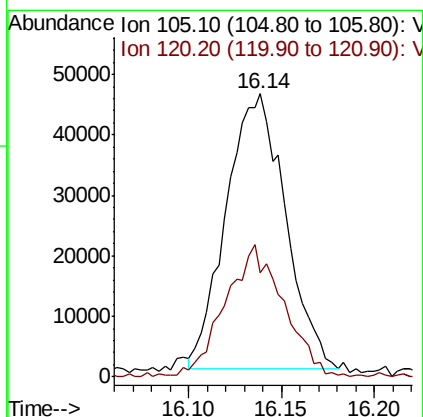
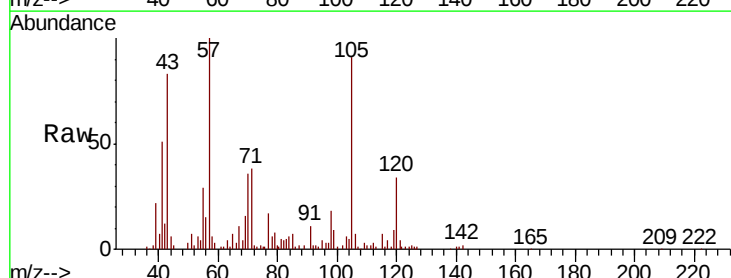
RT: 16.14 min Scan# 4106

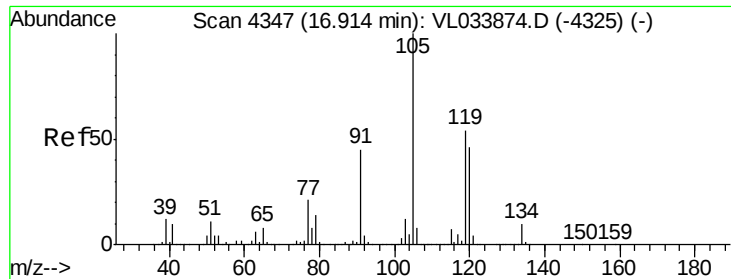
Delta R.T. -0.01 min

Lab File: VL033946.D

Acq: 24 Jun 2019 21:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	37.1	37.1	55.7





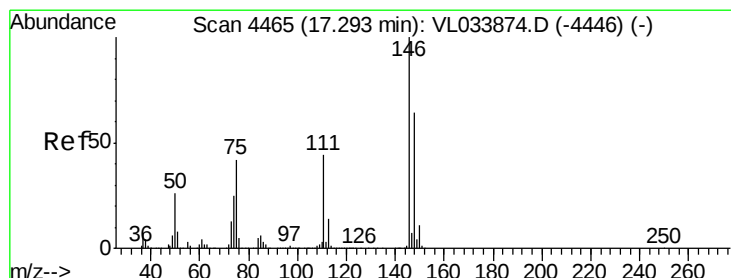
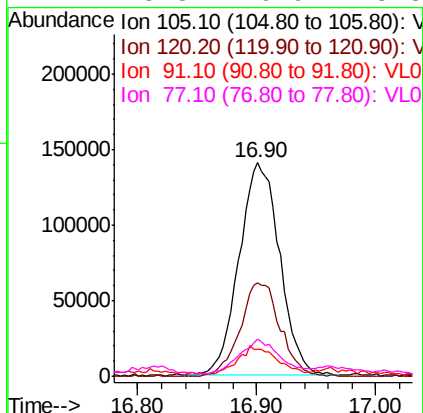
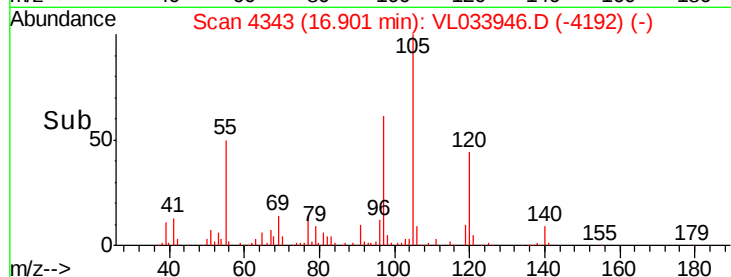
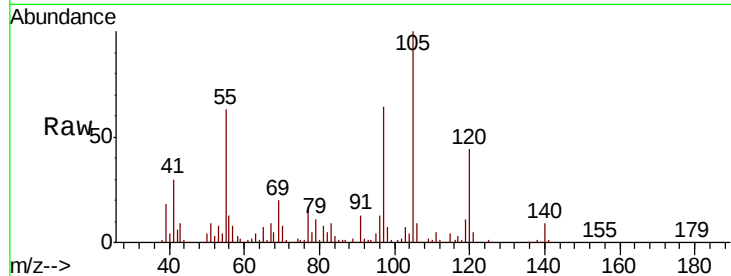
#74
 1,2,4-Trimethylbenzene
 Concen: 0.840 ppbv
 RT: 16.90 min Scan# 4343
 Delta R.T. -0.01 min
 Lab File: VL033946.D
 Acq: 24 Jun 2019 21:17

Instrument :
 MSVOA_L
 ClientSampleId :
 TZC-SSDS-AREA-B-1

Tot Ion	Ratio	Resp	Lower	Upper
105	100			
120	43.8	36.7	55.1	
91	10.9	35.8	53.8	
77	15.3	16.9	25.3	

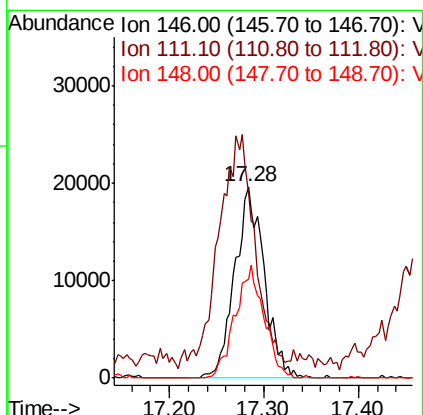
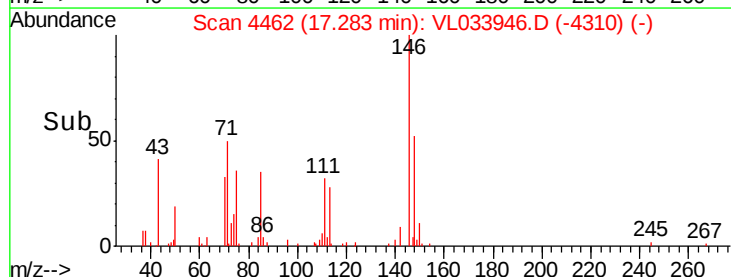
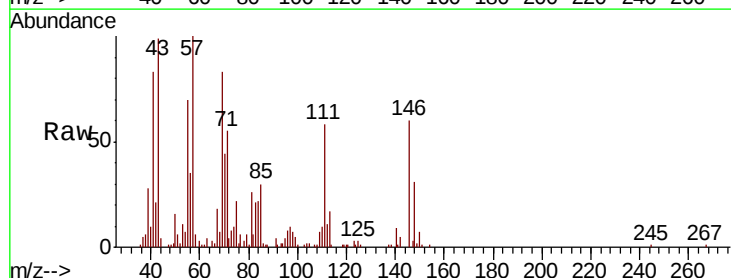
Manual Integrations
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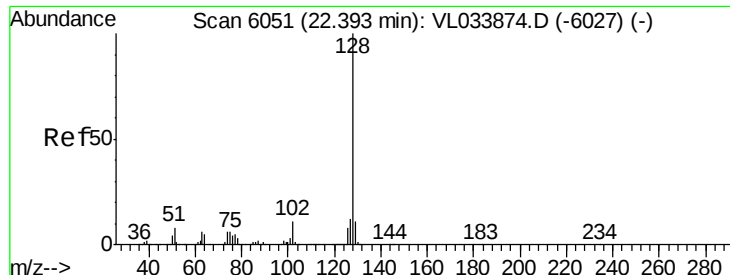
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#76
 1,4-Dichlorobenzene
 Concen: 0.187 ppbv m
 RT: 17.28 min Scan# 4462
 Delta R.T. -0.01 min
 Lab File: VL033946.D
 Acq: 24 Jun 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	138.2	22.1	66.5	
148	57.8	32.4	97.0	





#79

Naphthalene

Concen: 0.280 ppbv

RT: 22.38 min Scan# 6047

Delta R.T. -0.01 min

Lab File: VL033946.D

Acq: 24 Jun 2019 21:17

Instrument :

MSVOA_L

ClientSampleId :

TZC-SSDS-AREA-B-1

Tot Ion:	128	Resp:	88449
Ion Ratio	Lower	Upper	
128	100		
127	12.6	9.7	14.5
129	12.5	8.6	12.8

Manual Integrations
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