

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011520\
 Data File : VV014311.D
 Acq On : 15 Jan 2020 14:16
 Operator : SY/MD
 Sample : K6467-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 X2K71

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 10:51:44 AM

Quant Time: Jan 16 08:43:22 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR011520WMA.M

Quant Title : TRACE VOA SFAM1.0

QLast Update : Thu Jan 16 03:02:06 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.66	114	927031	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	849697	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	391682	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	290766	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.59	69	237348	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.13	63	378982	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	3.96	46	681865	48.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.60%
24) Chloroform-d	4.40	84	592810	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	275004	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.09	84	1202187	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.11	67	376460	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.35	98	1068456	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.66	79	152800	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.13	63	599233	49.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.30%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	243644	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
66) 1,2-Dichlorobenzene-d4	11.67	152	338545	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	236718	3.238	ug/L 99
5) Vinyl chloride	1.33	62	235670	3.630	ug/L 99
8) Chloroethane	1.60	64	453347	13.384	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	455926	10.745	ug/L 100
12) 1,1-Dichloroethene	2.14	96	86749	2.181	ug/L # 64
13) Acetone	2.23	43	1276594m	136.030	ug/L
15) Methyl Acetate	2.47	43	265457	12.727	ug/L 92
16) Methylene chloride	2.54	84	64522	0.797	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	158384	2.534	ug/L 96
19) 1,1-Dichloroethane	3.23	63	236287	2.024	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	261963	3.946	ug/L # 96
23) Bromochloromethane	4.30	128	124239	4.967	ug/L 93
25) Chloroform	4.42	83	897247	7.905	ug/L 100
27) 1,2-Dichloroethane	5.18	62	128658	1.991	ug/L 98
29) 1,1,1-Trichloroethane	4.65	97	199405	2.018	ug/L 99
31) Carbon tetrachloride	4.87	117	247524	2.908	ug/L 98
34) Trichloroethene	5.96	95	147886	2.217	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011520\
 Data File : VV014311.D
 Acq On : 15 Jan 2020 14:16
 Operator : SY/MD
 Sample : K6467-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 X2K71

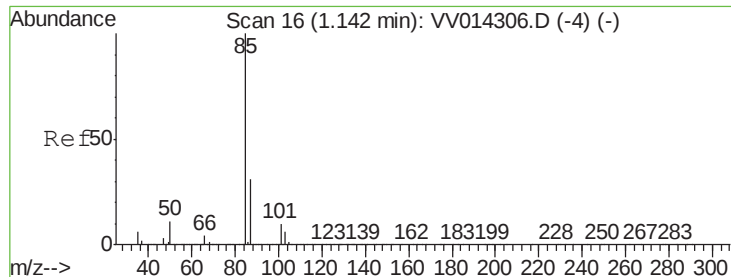
Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 10:51:44 AM

Quant Time: Jan 16 08:43:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR011520WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 03:02:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
39) cis-1,3-Dichloropropene	7.06	75	491288	4.951	uq/L	100
40) 4-Methyl-2-pentanone	7.27	43	2302256	61.060	uq/L	100
44) trans-1,3-Dichloropropene	7.69	75	203634	2.674	uq/L	97
45) 1,1,2-Trichloroethane	7.88	97	81003	2.033	uq/L	97
47) Tetrachloroethene	8.01	164	139931	3.042	uq/L	98
50) 1,2-Dibromoethane	8.39	107	189639	5.106	uq/L	98
51) Chlorobenzene	8.92	112	978970	5.846	uq/L	99
57) 1,1,2,2-Tetrachloroethane	10.28	83	81056	1.655	uq/L	95
59) Bromoform	9.77	173	73424	3.055	uq/L	96
63) 1,2,4-Trimethylbenzene	10.95	105	1167892	4.782	uq/L	99
64) 1,3-Dichlorobenzene	11.22	146	377870	3.131	uq/L	96
65) 1,4-Dichlorobenzene	11.31	146	256087	2.092	uq/L	97
70) 1,2,4-trichlorobenzene	13.30	180	390489	5.234	uq/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	208395	3.240	uq/L	97

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



#2

Dichlorodifluoromethane

Concen: 3.238 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

X2K71

Tot Ion: 85 Resp: 236718

Ion Ratio Lower Upper

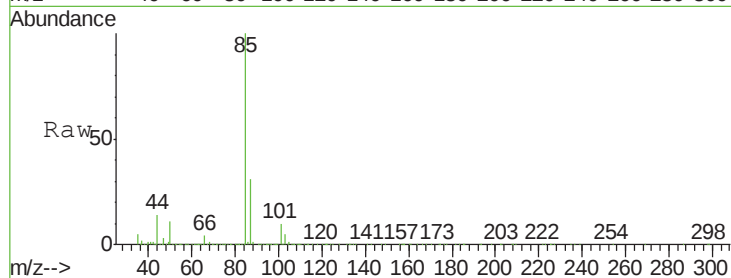
85 100

87 31.5 24.9 37.3

Manual Integrations
APPROVED

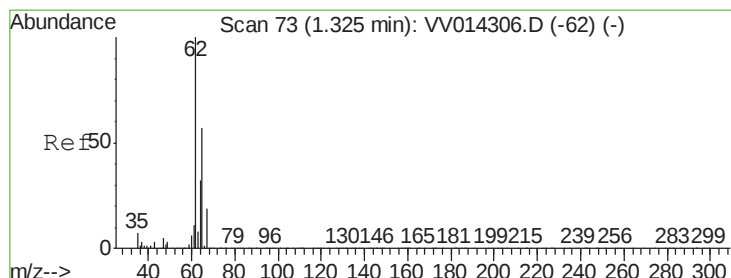
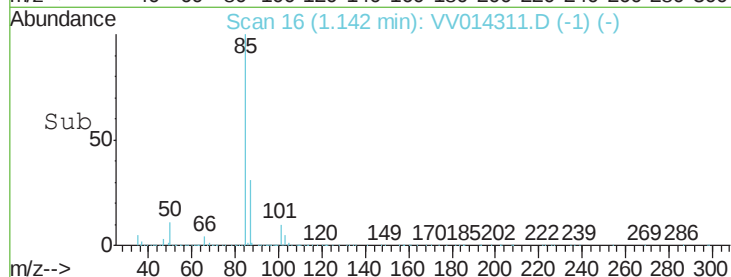
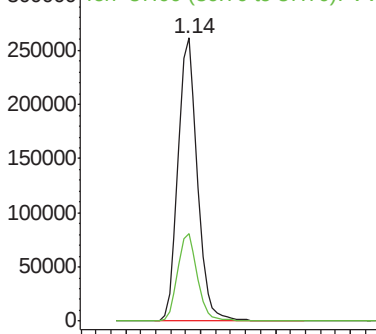
MMDadoda

1/16/2020 10:51:44 AM



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#5

Vinyl chloride

Concen: 3.630 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV014311.D

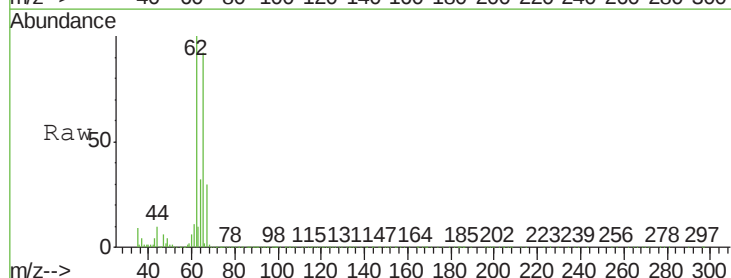
Acq: 15 Jan 2020 14:16

Tgt Ion: 62 Resp: 235670

Ion Ratio Lower Upper

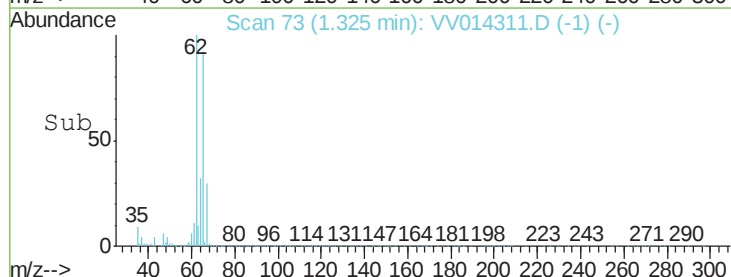
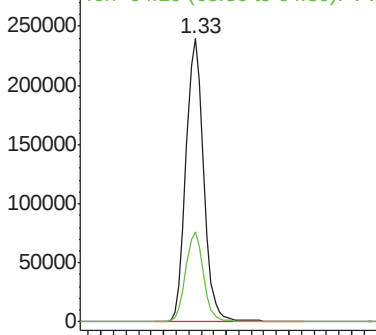
62 100

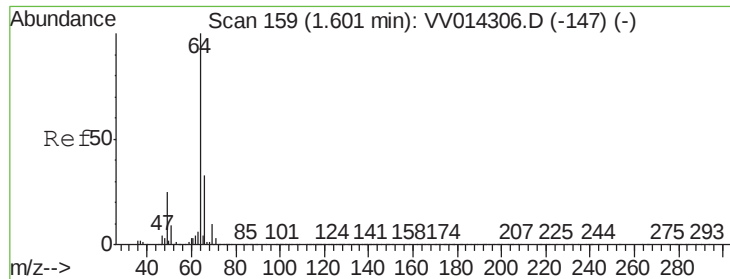
64 31.7 22.6 42.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0





#8

Chloroethane

Concen: 13.384 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Instrument :

MSVOA_V

ClientSampled :

X2K71

Tot Ion: 64 Resp: 453347

Ion Ratio Lower Upper

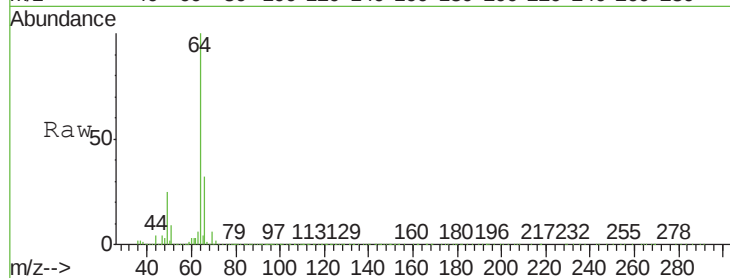
64 100

66 32.1 23.0 42.8

Manual Integrations
APPROVED

MMDadoda

1/16/2020 10:51:44 AM



Abundance Ion 64.10 (63.80 to 64.80): VV014306.D (-147) (-)

Ion 66.05 (65.75 to 66.75): VV014306.D (-147) (-)

1.60

400000

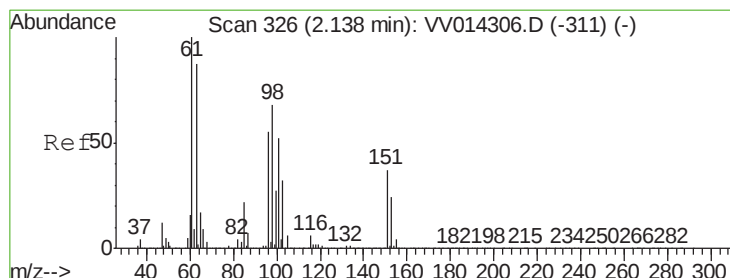
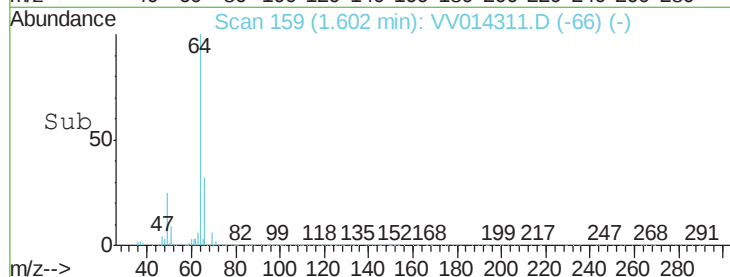
300000

200000

100000

0

Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 10.745 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

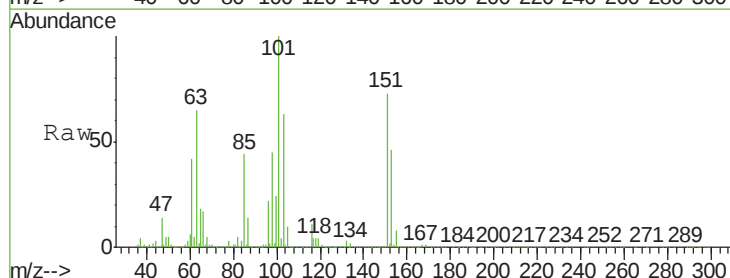
Tgt Ion: 101 Resp: 455926

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.2

151 73.9 58.7 88.1



Abundance Ion 101.00 (100.70 to 101.70): VV014306.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV014306.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV014306.D (-311) (-)

2.14

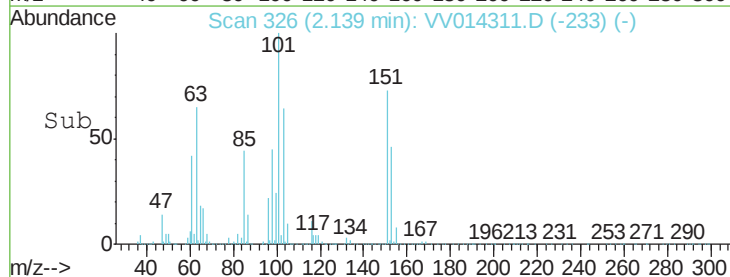
300000

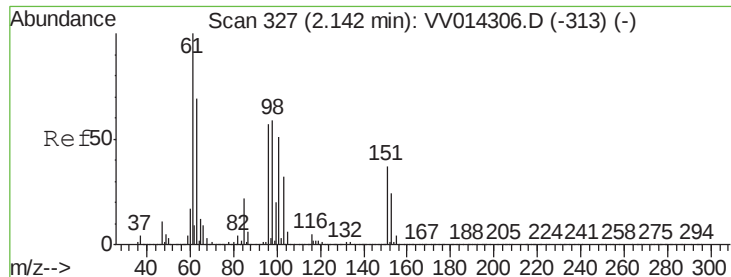
200000

100000

0

Time-->





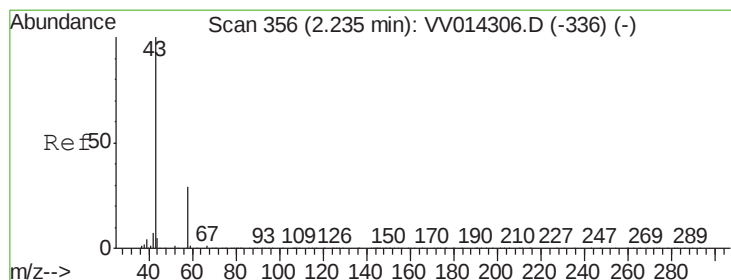
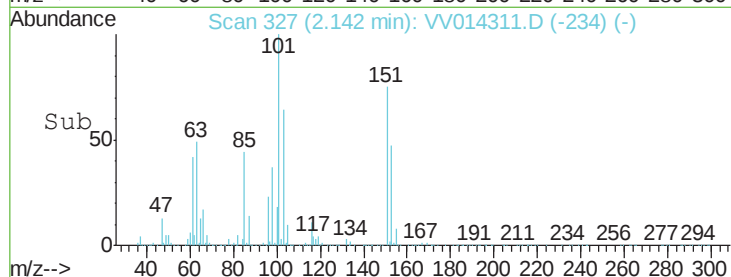
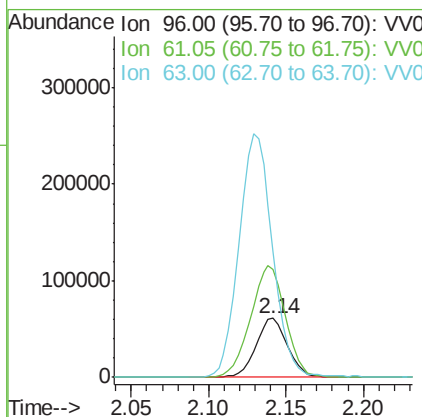
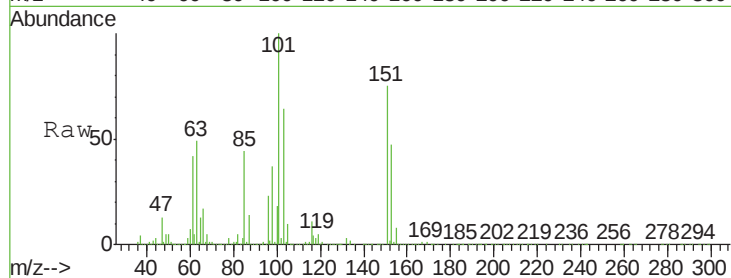
#12
1,1-Dichloroethene
Concen: 2.181 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

Instrument :
MSVOA_V
ClientSampleId :
X2K71

Tot Ion	Ratio	Lower	Upper
96	100		
61	182.9	123.2	228.8
63	214.3	85.6	159.0

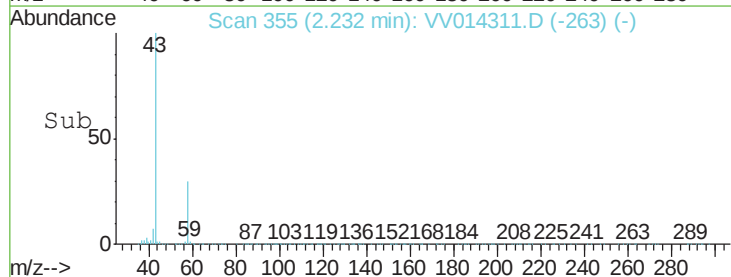
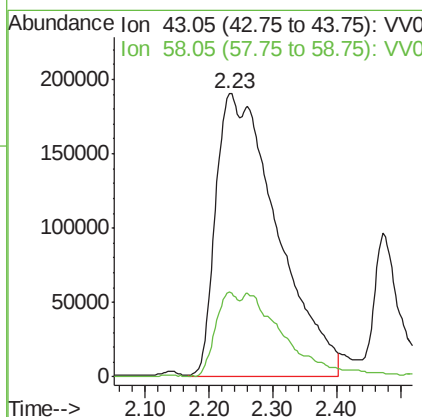
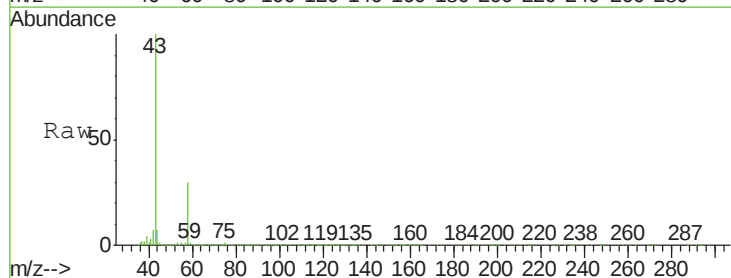
Manual Integrations
APPROVED

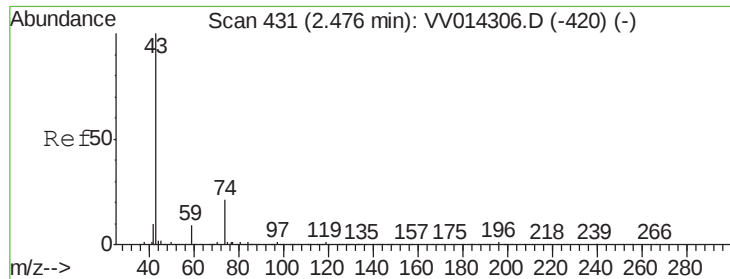
MMDadoda
1/16/2020 10:51:44 AM



#13
Acetone
Concen: 136.030 ug/L m
RT: 2.23 min Scan# 355
Delta R.T. -0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	11.2	0.0	25.8





#15

Methvl Acetate

Concen: 12.727 ug/L

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

X2K71

Tot Ion: 43 Resp: 265457

Ion Ratio Lower Upper

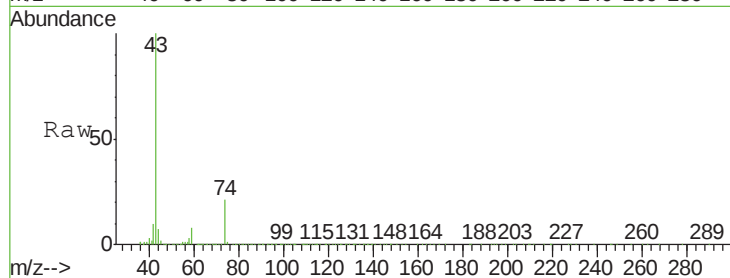
43 100

74 19.2 18.6 28.0

Manual Integrations
APPROVED

MMDadoda

1/16/2020 10:51:44 AM



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.47

100000

80000

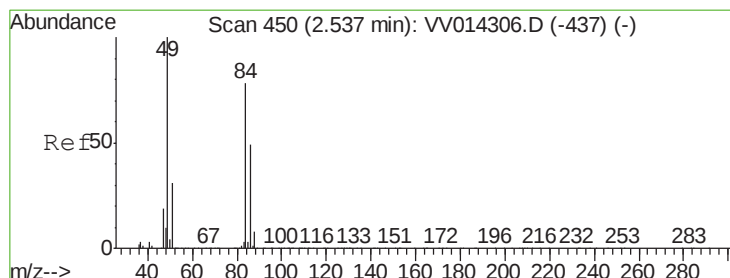
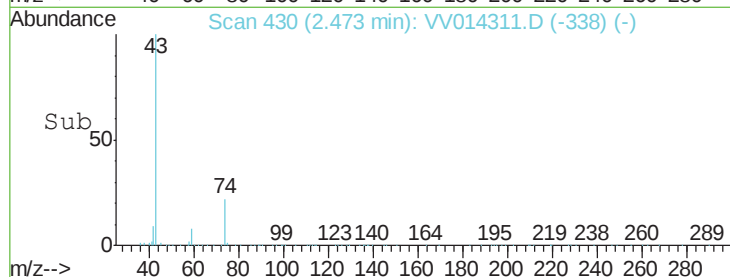
60000

40000

20000

0

Time-->



#16

Methylene chloride

Concen: 0.797 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

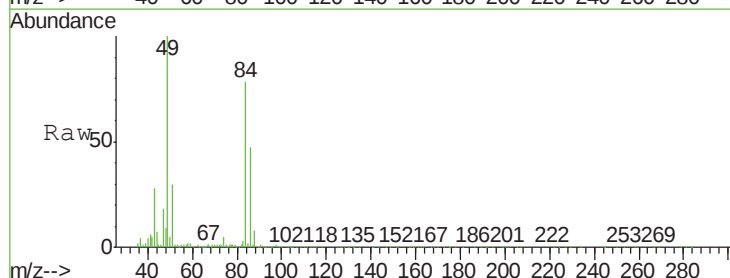
Tgt Ion: 84 Resp: 64522

Ion Ratio Lower Upper

84 100

86 60.5 44.4 82.4

49 128.3 90.2 167.6



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

60000

50000

40000

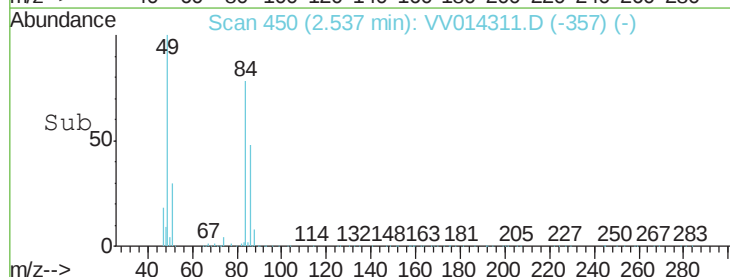
30000

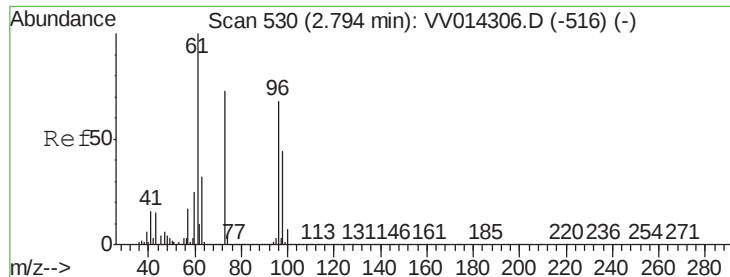
20000

10000

0

Time-->





#18

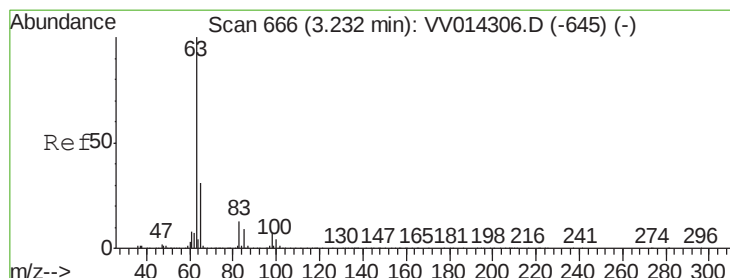
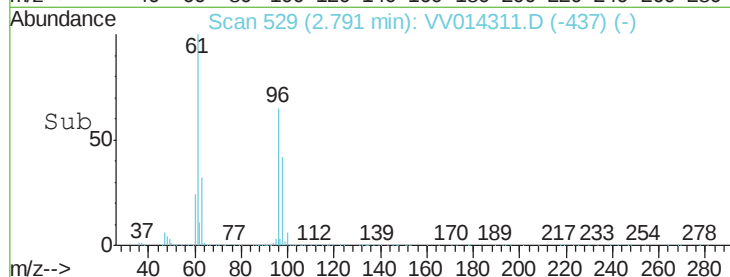
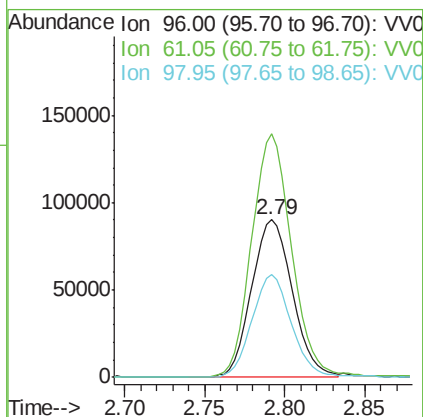
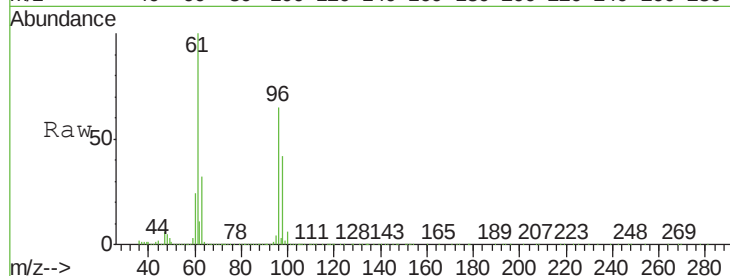
trans-1,2-Dichloroethene
Concen: 2.534 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

Instrument :
MSVOA_V
ClientSampled :
X2K71

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.4	102.9	191.1
98	65.6	45.8	85.0

Manual Integrations
APPROVED

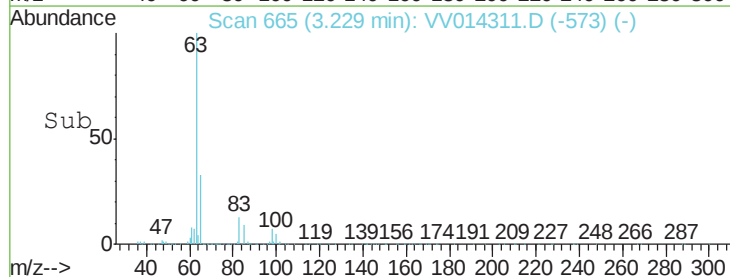
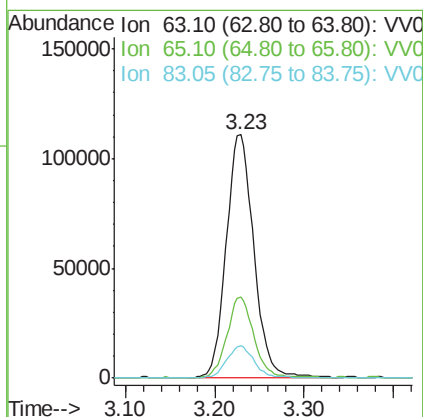
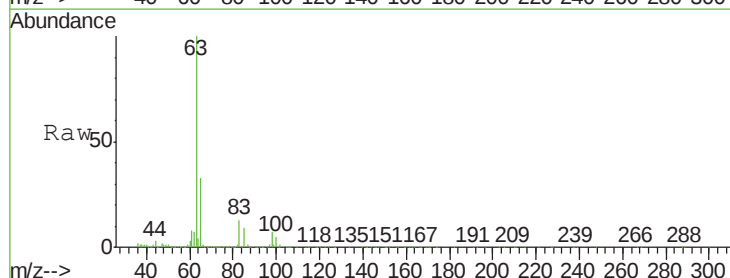
MMDadoda
1/16/2020 10:51:44 AM

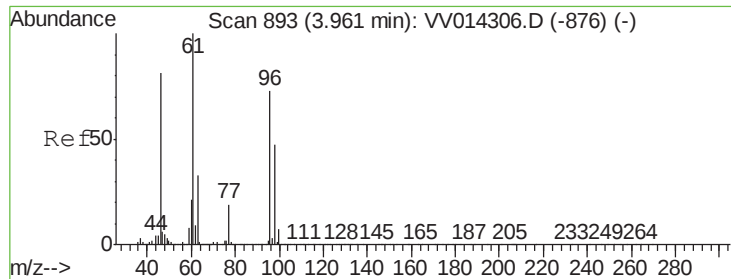


#19

1,1-Dichloroethane
Concen: 2.024 ug/L
RT: 3.23 min Scan# 665
Delta R.T. -0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

Tgt Ion	Ratio	Lower	Upper
63	100		
65	33.3	21.6	40.0
83	13.2	9.0	16.8





#22

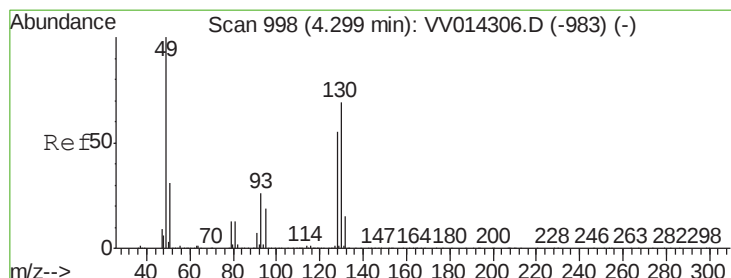
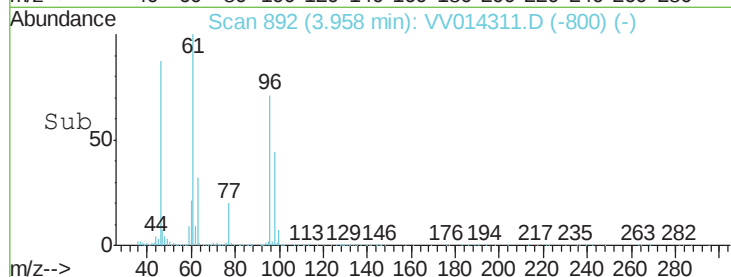
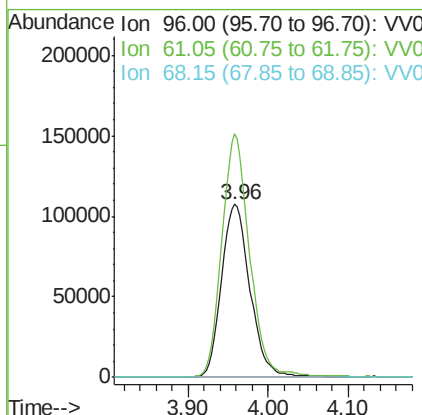
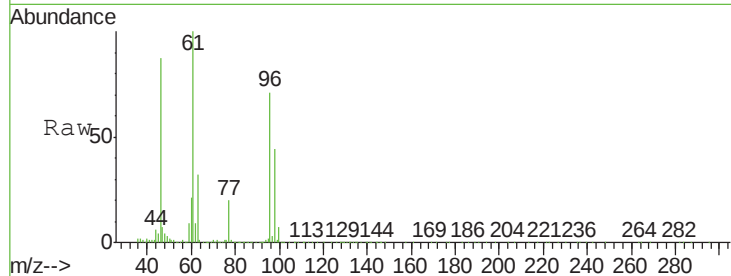
cis-1,2-Dichloroethene
Concen: 3.946 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

Instrument :
MSVOA_V
ClientSampleId :
X2K71

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.6	95.5	177.3
68	0.1	0.1	0.3

Manual Integrations
APPROVED

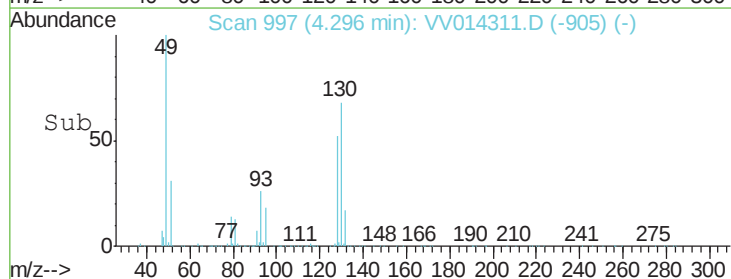
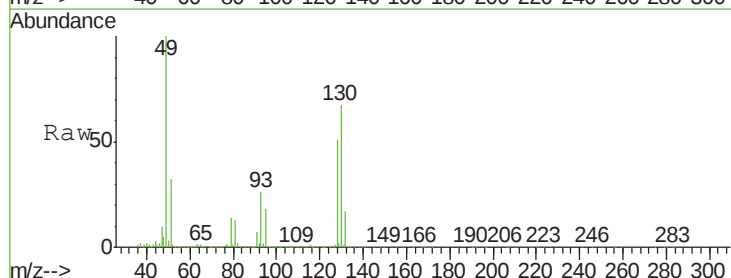
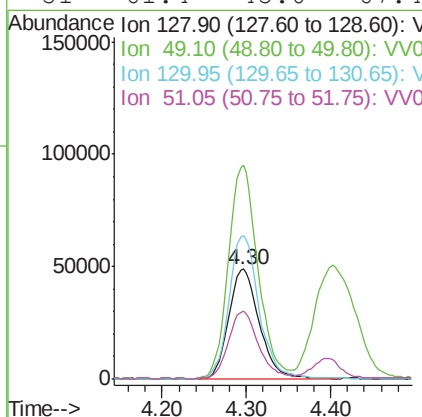
MMDadoda
1/16/2020 10:51:44 AM

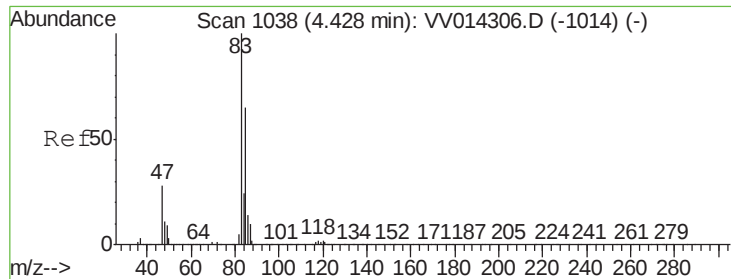


#23

Bromochloromethane
Concen: 4.967 ug/L
RT: 4.30 min Scan# 997
Delta R.T. -0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

Tgt Ion	Ratio	Lower	Upper
128	100		
49	194.3	127.5	236.7
130	130.1	87.5	162.5
51	61.4	45.0	67.4





#25

Chloroform

Concen: 7.905 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

X2K71

Tot Ion: 83 Resp: 897247

Ion Ratio Lower Upper

83 100

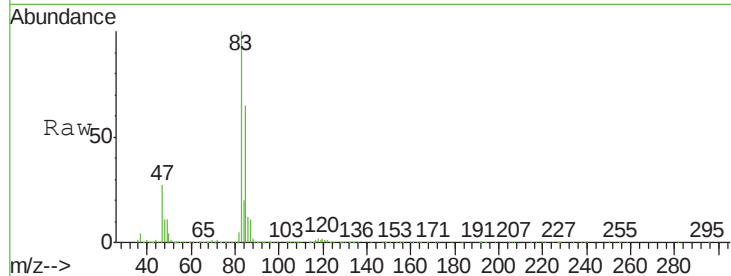
85 64.8 45.2 84.0

Manual Integrations

APPROVED

MMDadoda

1/16/2020 10:51:44 AM



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.42

400000

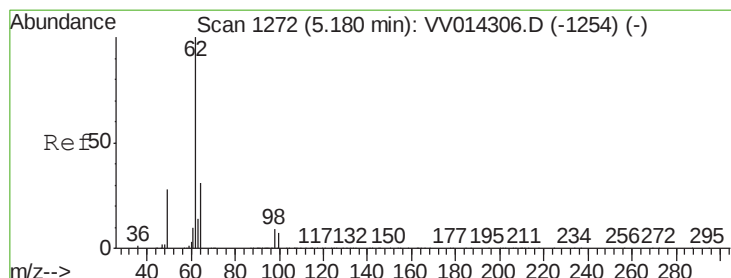
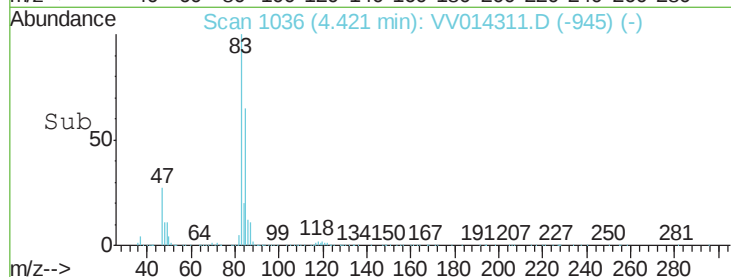
300000

200000

100000

0

Time-->



#27

1,2-Dichloroethane

Concen: 1.991 ug/L

RT: 5.18 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VV014311.D

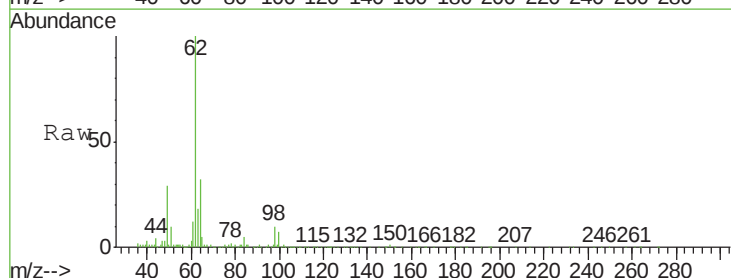
Acq: 15 Jan 2020 14:16

Tgt Ion: 62 Resp: 128658

Ion Ratio Lower Upper

62 100

98 9.7 7.1 10.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

5.18

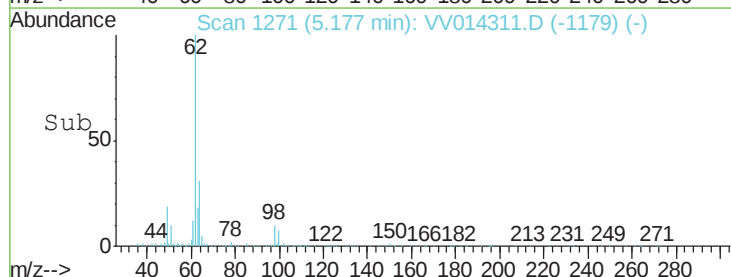
60000

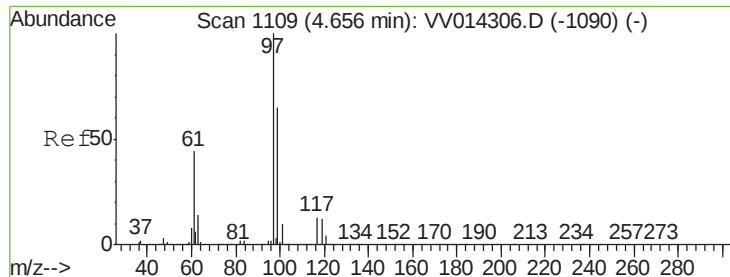
40000

20000

0

Time-->





#29

1,1,1-Trichloroethane

Concen: 2.018 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

X2K71

Tot Ion: 97 Resp: 199405

Ion Ratio Lower Upper

97 100

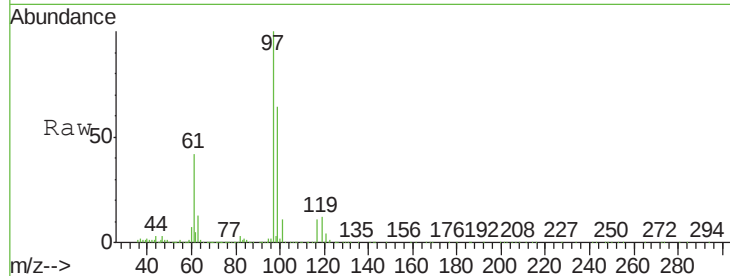
99 64.1 51.7 77.5

61 41.9 34.2 51.4

Manual Integrations
APPROVED

MMDadoda

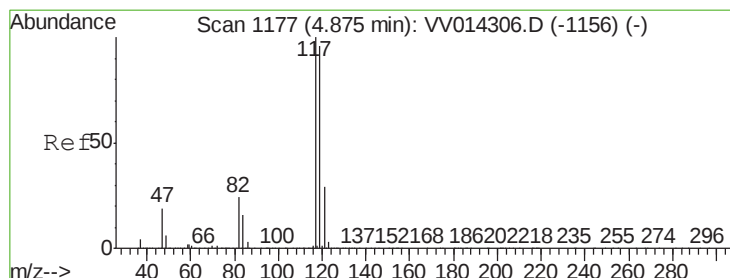
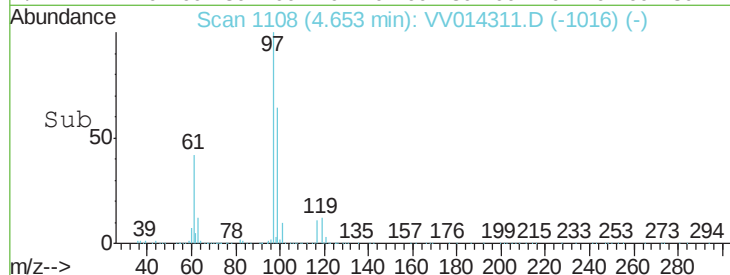
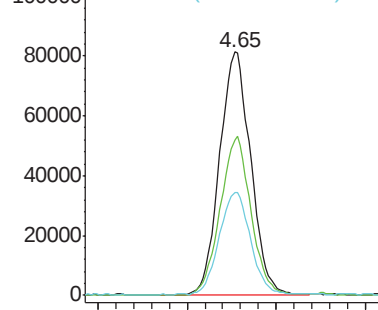
1/16/2020 10:51:44 AM



Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0



#31

Carbon tetrachloride

Concen: 2.908 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VV014311.D

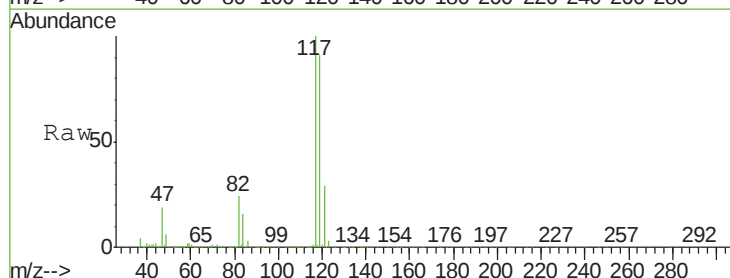
Acq: 15 Jan 2020 14:16

Tgt Ion: 117 Resp: 247524

Ion Ratio Lower Upper

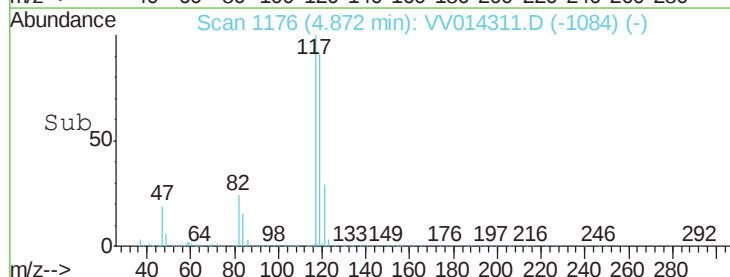
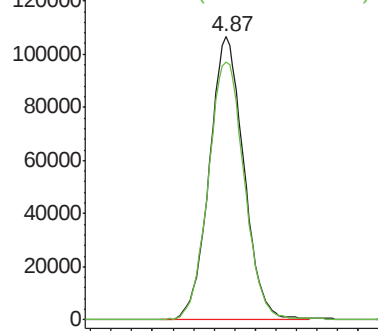
117 100

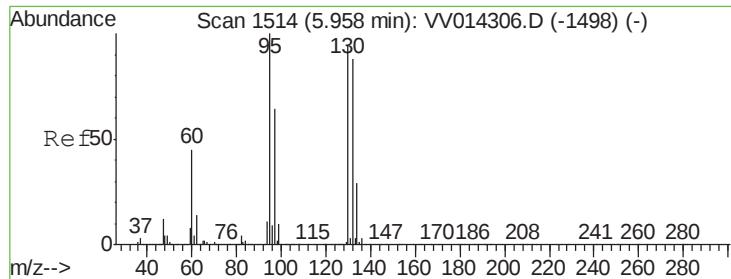
119 94.6 77.1 115.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V





#34

Trichloroethene

Concen: 2.217 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

X2K71

Tot Ion: 95 Resp: 147886

Ion Ratio Lower Upper

95 100

97 63.4 44.5 82.7

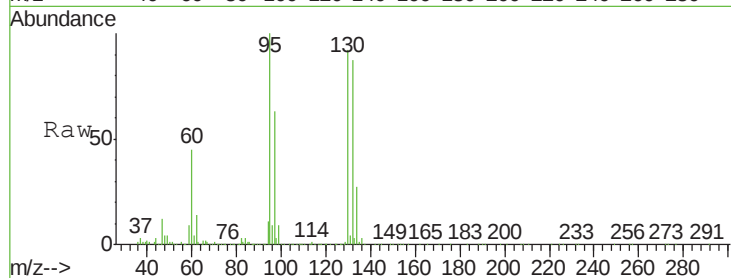
132 86.7 61.7 114.7

130 92.1 66.0 122.6

Manual Integrations
APPROVED

MMDadoda

1/16/2020 10:51:44 AM

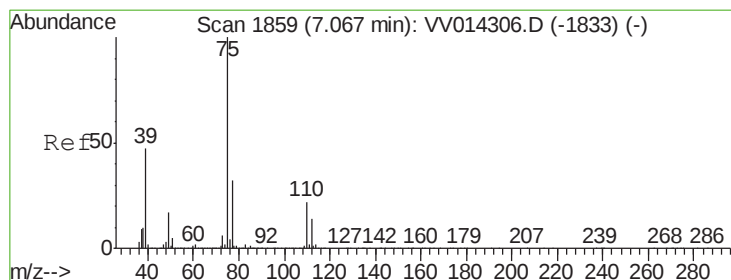
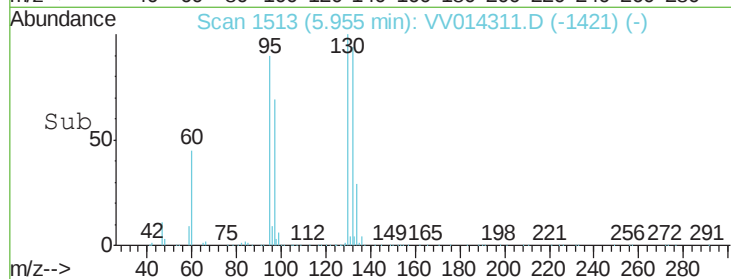
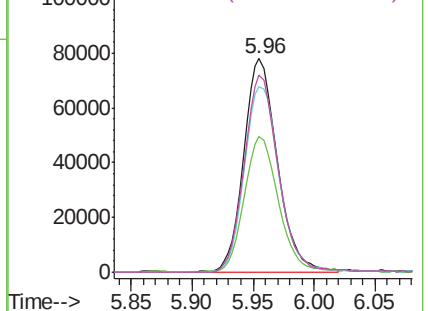


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#39

cis-1,3-Dichloropropene

Concen: 4.951 ug/L

RT: 7.06 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VV014311.D

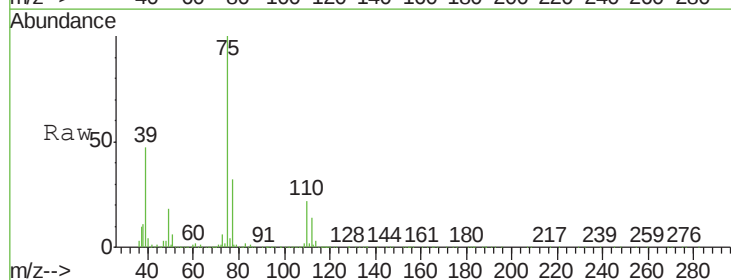
Acq: 15 Jan 2020 14:16

Tgt Ion: 75 Resp: 491288

Ion Ratio Lower Upper

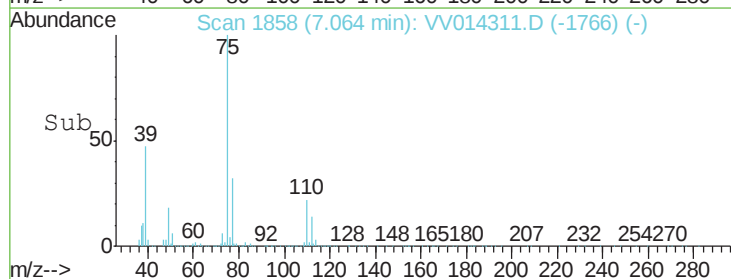
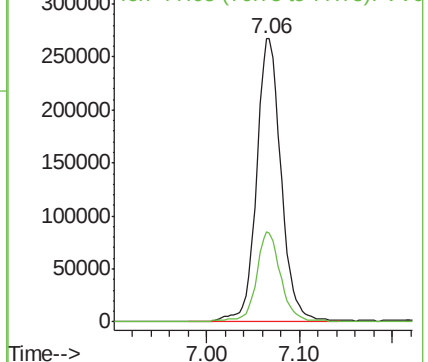
75 100

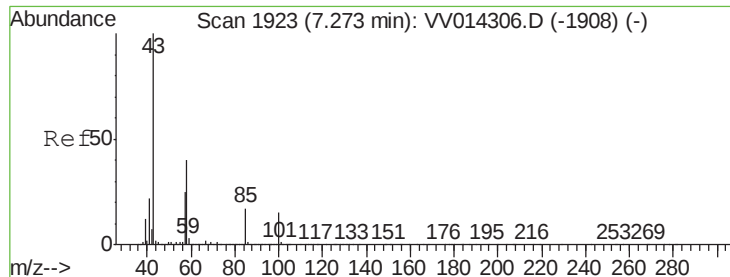
77 31.8 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#40

4-Methyl-2-pentanone

Concen: 61.060 ug/L

RT: 7.27 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

X2K71

Tot Ion: 43 Resp: 2302256

Ion Ratio Lower Upper

43 100

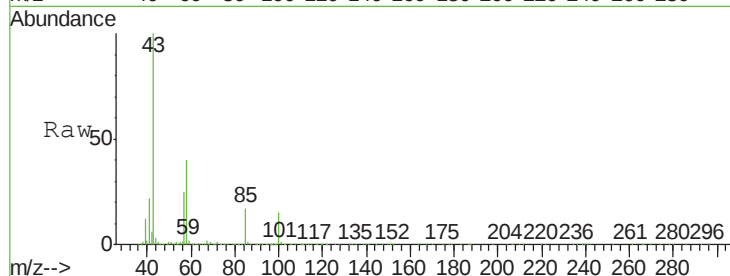
58 39.1 31.3 46.9

100 14.2 11.7 17.5

Manual Integrations
APPROVED

MMDadoda

1/16/2020 10:51:44 AM



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 100.15 (99.85 to 100.85): VV0

7.27

1500000

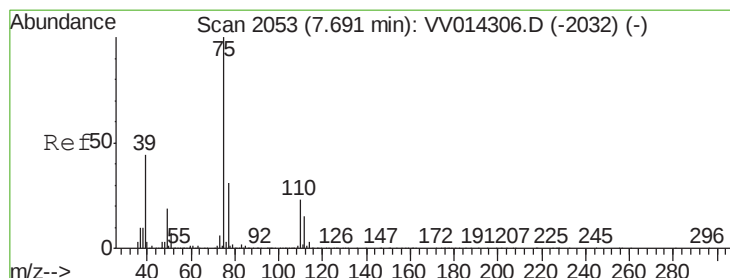
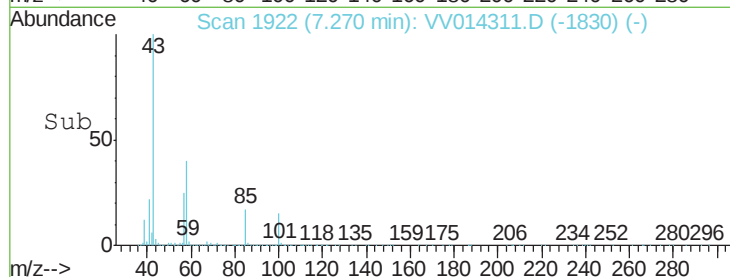
1000000

500000

0

7.20 7.30 7.40 7.50

Time-->



#44

trans-1,3-Dichloropropene

Concen: 2.674 ug/L

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV014311.D

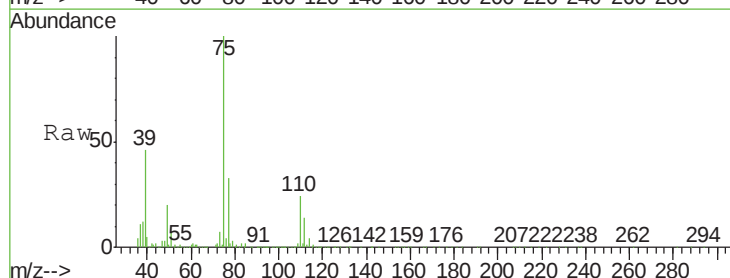
Acq: 15 Jan 2020 14:16

Tgt Ion: 75 Resp: 203634

Ion Ratio Lower Upper

75 100

77 32.8 21.9 40.7



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.69

120000

100000

80000

60000

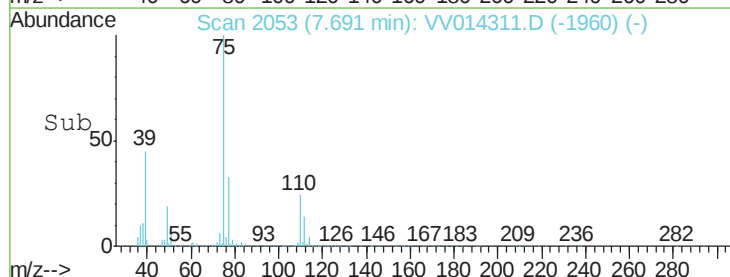
40000

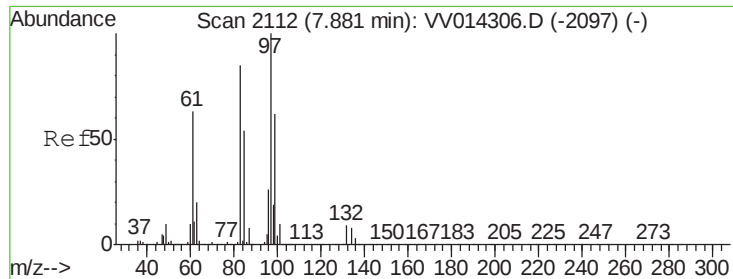
20000

0

7.60 7.70 7.80

Time-->





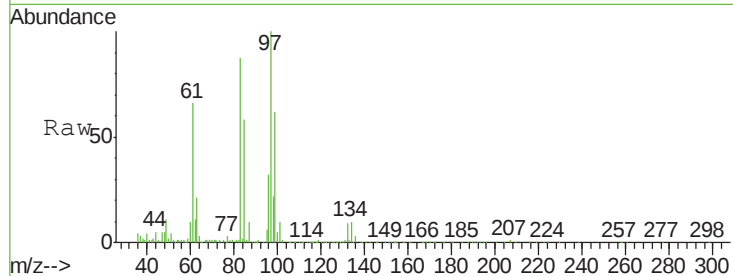
#45
1,1,2-Trichloroethane
Concen: 2.033 ug/L
RT: 7.88 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

Instrument :
MSVOA_V
ClientSampleId :
X2K71

Tot Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.2	80.2
83	87.4	59.7	110.9
85	58.0	38.0	70.6

Manual Integrations
APPROVED

MMDadoda
1/16/2020 10:51:44 AM

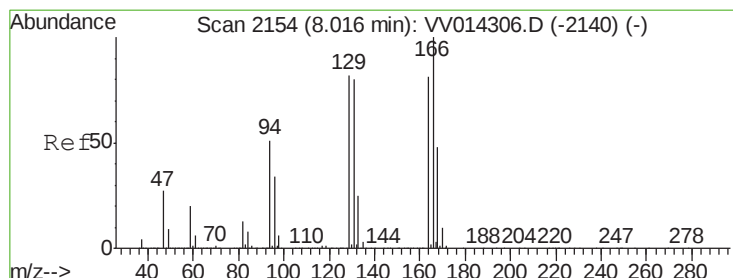
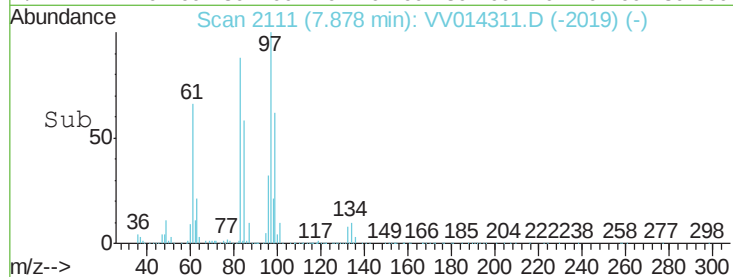
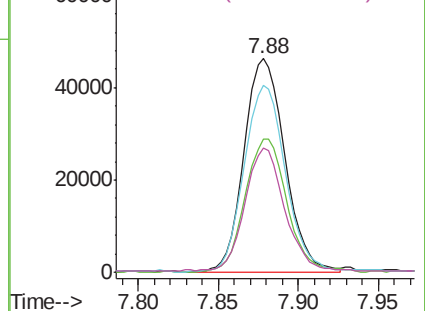


Abundance Ion 96.95 (96.65 to 97.65): VV014306.D (-2097) (-)

Ion 99.05 (98.75 to 99.75): VV014311.D (-2061) (-)

Ion 82.95 (82.65 to 83.65): VV014311.D (-2061) (-)

Ion 85.00 (84.70 to 85.70): VV014311.D (-2061) (-)



#47
Tetrachloroethene
Concen: 3.042 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

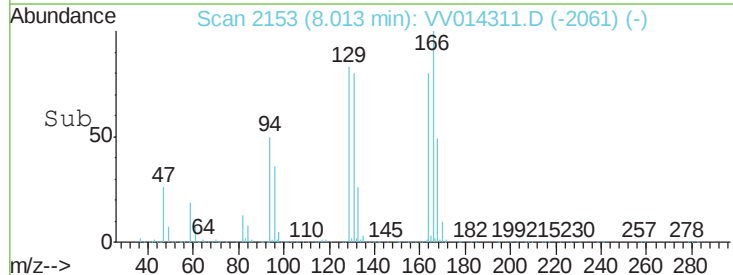
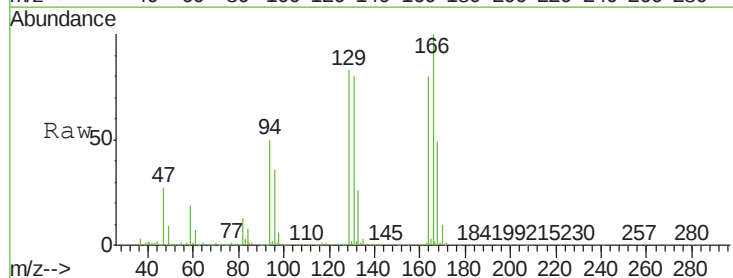
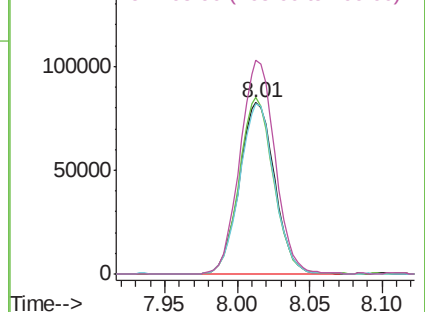
Tgt Ion	Ratio	Lower	Upper
164	100		
129	103.1	70.6	131.0
131	99.6	68.7	127.5
166	124.6	86.0	159.8

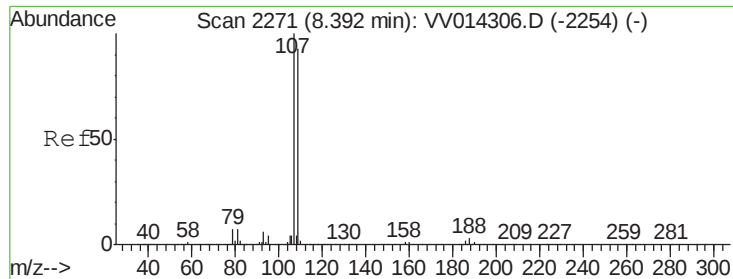
Abundance Ion 163.90 (163.60 to 164.60): VV014306.D (-2140) (-)

Ion 128.95 (128.65 to 129.65): VV014311.D (-2061) (-)

Ion 130.95 (130.65 to 131.65): VV014311.D (-2061) (-)

Ion 165.90 (165.60 to 166.60): VV014311.D (-2061) (-)





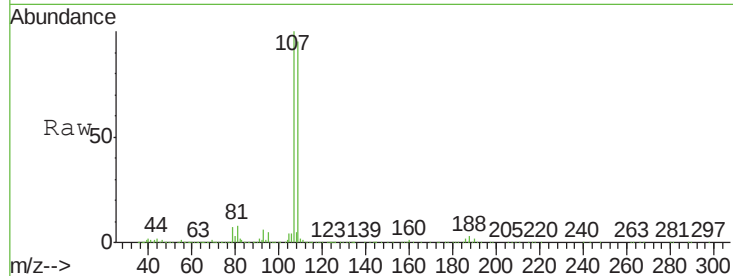
#50
1,2-Dibromoethane
Concen: 5.106 ug/L
RT: 8.39 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

Instrument :
MSVOA_V
ClientSampled :
X2K71

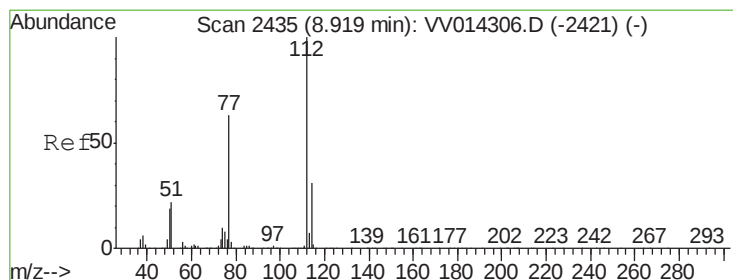
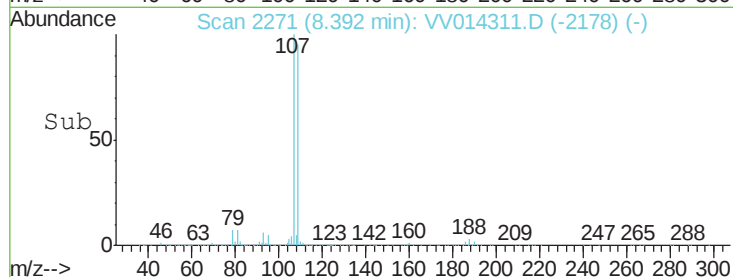
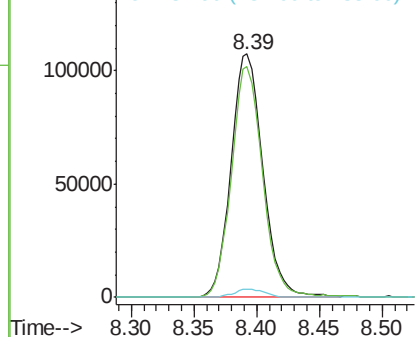
Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	65.2	121.2
188	3.4	2.6	3.8

Manual Integrations
APPROVED

MMDadoda
1/16/2020 10:51:44 AM

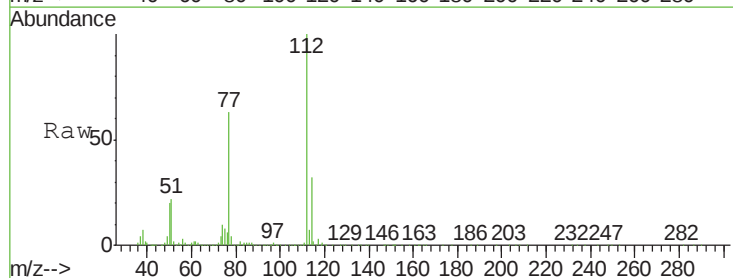


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

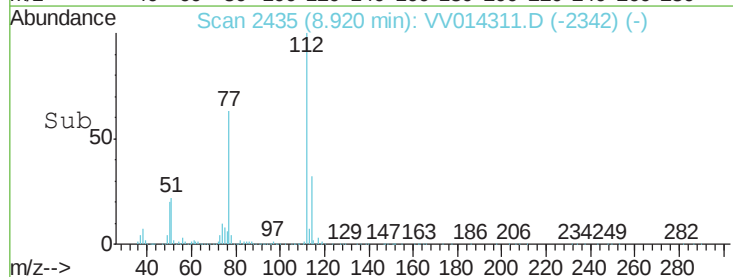
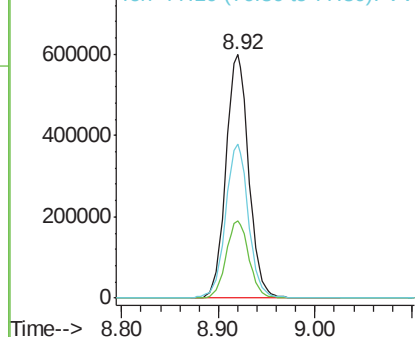


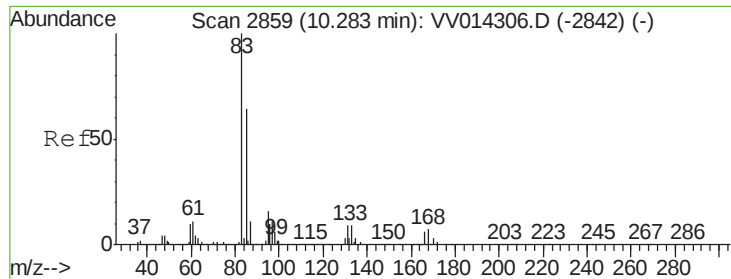
#51
Chlorobenzene
Concen: 5.846 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.6	21.5	39.9
77	63.2	51.0	76.4



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#57

1,1,2,2-Tetrachloroethane

Concen: 1.655 ug/L

RT: 10.28 min Scan# 2858

Delta R.T. -0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Instrument :

MSVOA_V

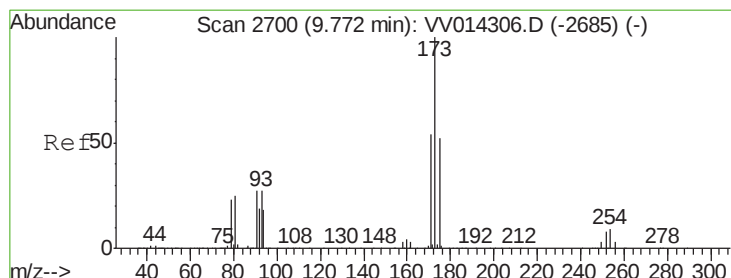
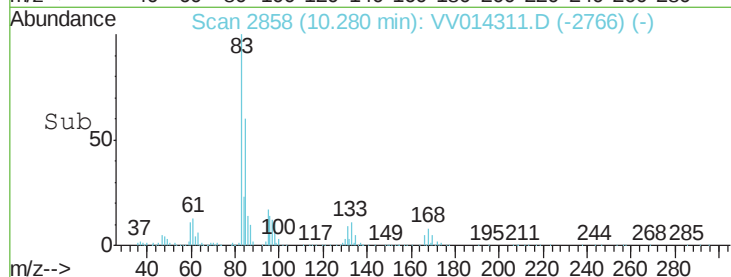
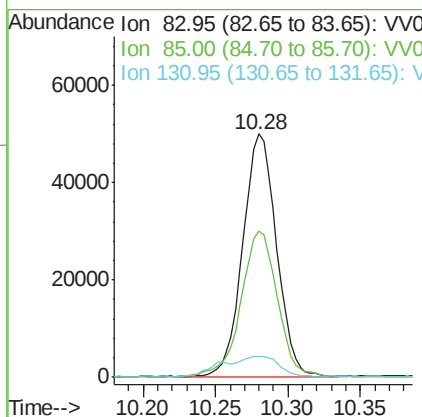
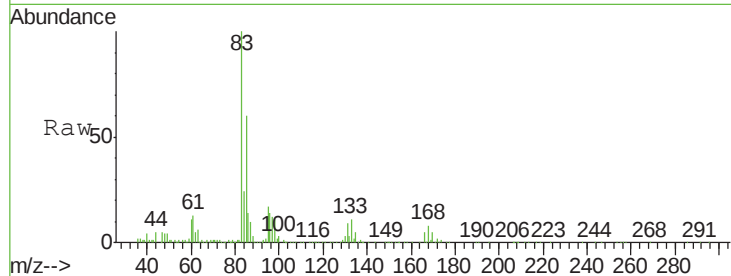
ClientSampleId :

X2K71

Tot Ion:	83	Resp:	81056
Ion	Ratio	Lower	Upper
83	100		
85	60.1	45.1	83.9
131	8.7	7.0	10.6

Manual Integrations
APPROVED

MMDadoda
1/16/2020 10:51:44 AM



#59

Bromoform

Concen: 3.055 ug/L

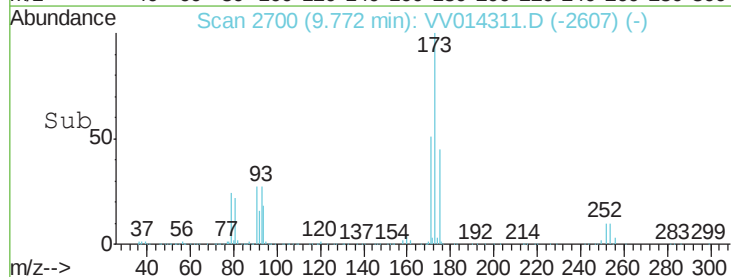
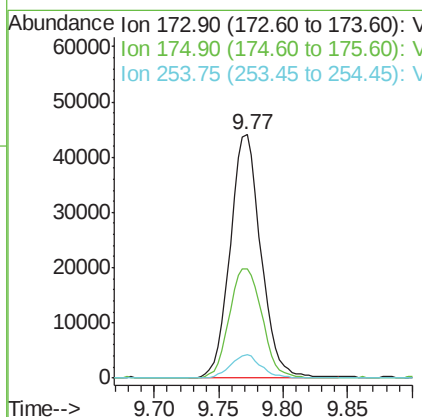
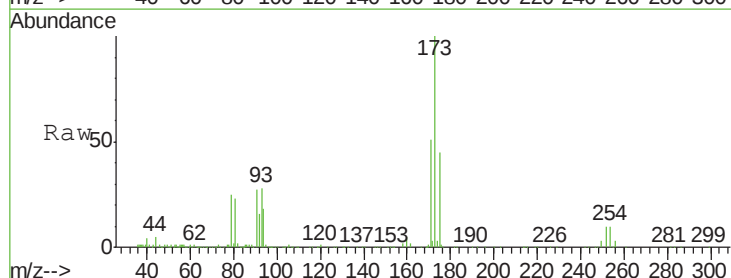
RT: 9.77 min Scan# 2700

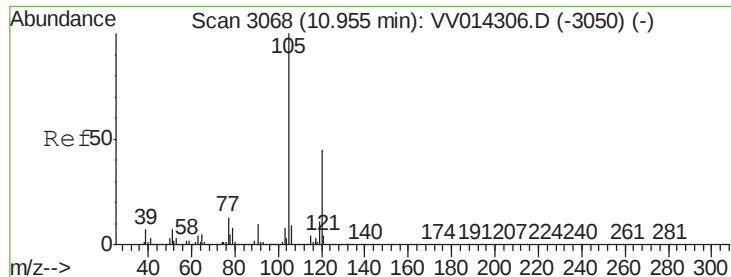
Delta R.T. 0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Tgt Ion:	173	Resp:	73424
Ion	Ratio	Lower	Upper
173	100		
175	47.8	40.4	60.6
254	9.6	7.2	10.8





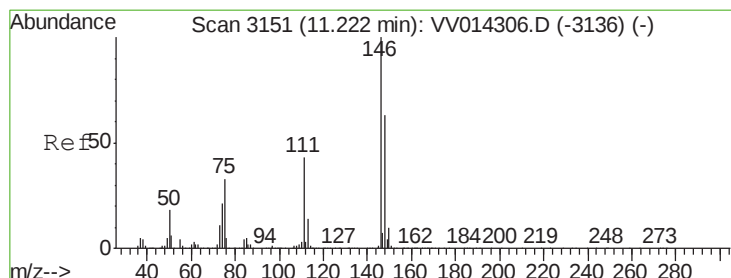
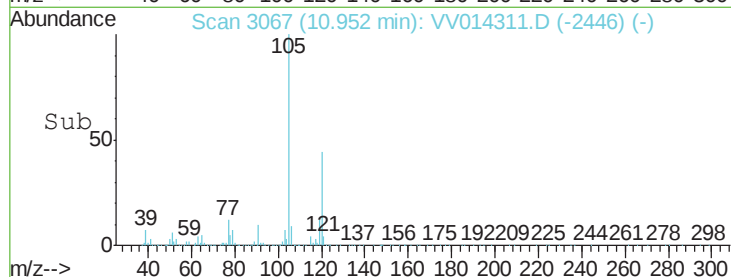
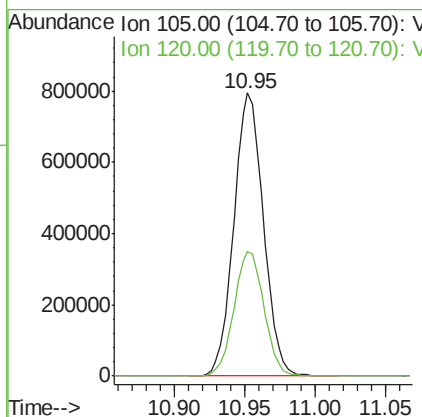
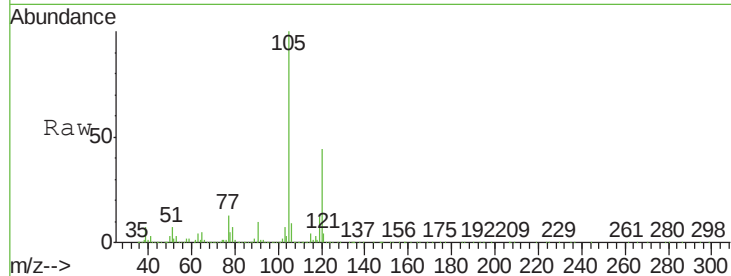
#63
1,2,4-Trimethylbenzene
Concen: 4.782 ug/L
RT: 10.95 min Scan# 3067
Delta R.T. -0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

Instrument :
MSVOA_V
ClientSampled :
X2K71

Tot Ion:105 Resp: 1167892
Ion Ratio Lower Upper
105 100
120 44.7 35.3 52.9

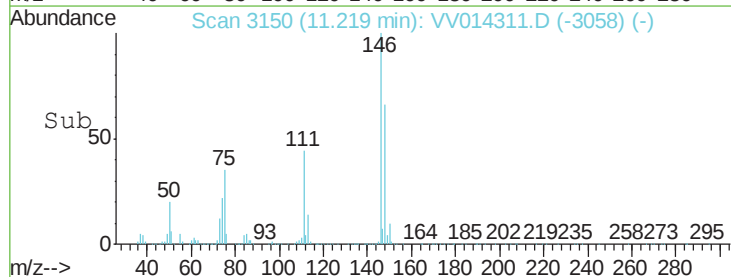
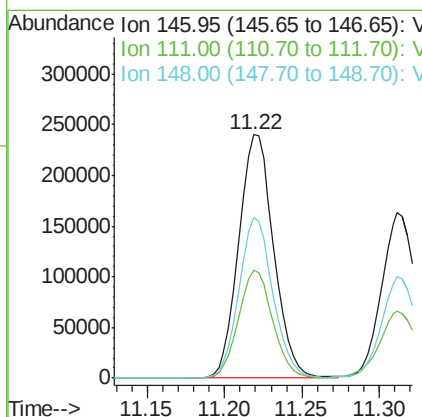
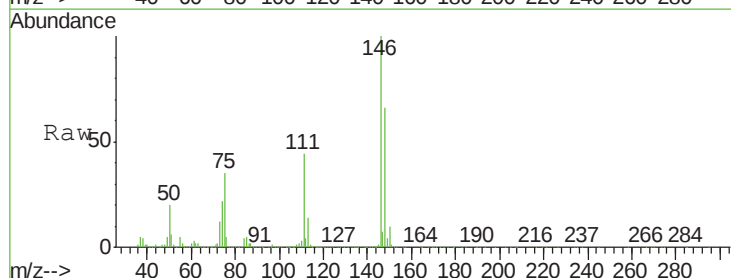
Manual Integrations
APPROVED

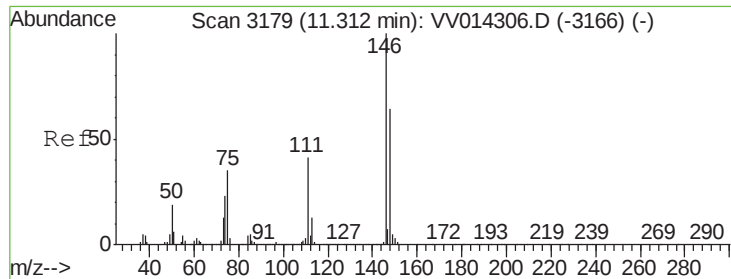
MMDadoda
1/16/2020 10:51:44 AM



#64
1,3-Dichlorobenzene
Concen: 3.131 ug/L
RT: 11.22 min Scan# 3150
Delta R.T. -0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

Tgt Ion:146 Resp: 377870
Ion Ratio Lower Upper
146 100
111 44.4 29.8 55.3
148 65.6 43.8 81.4





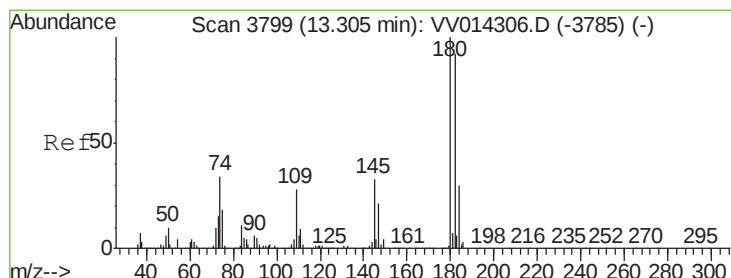
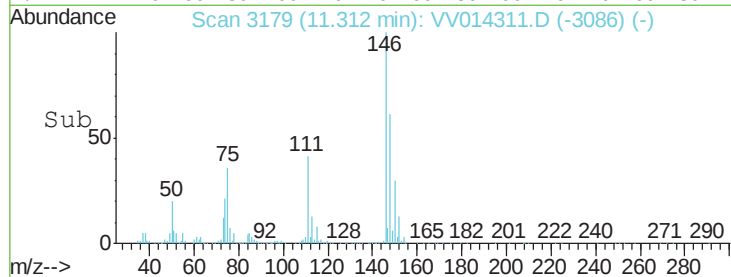
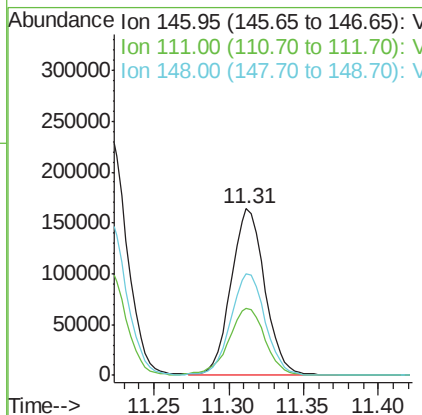
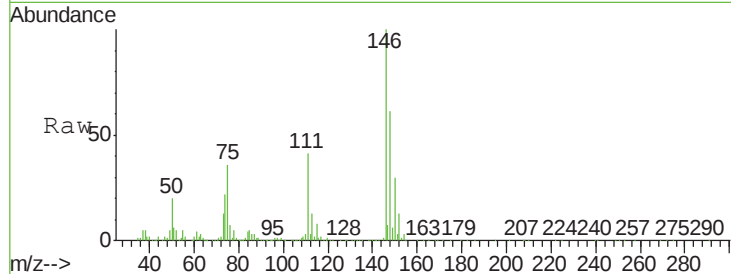
#65
1,4-Dichlorobenzene
Concen: 2.092 ug/L
RT: 11.31 min Scan# 3179
Delta R.T. 0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

Instrument :
MSVOA_V
ClientSampled :
X2K71

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	29.0	53.9
148	61.1	44.7	82.9

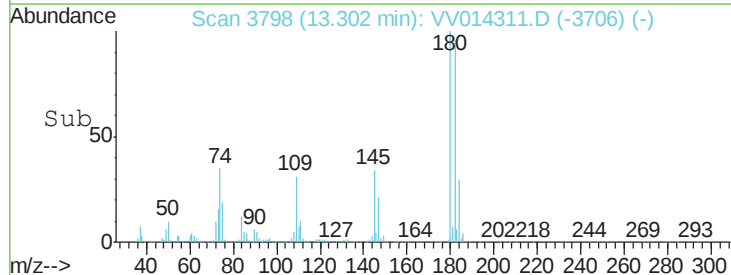
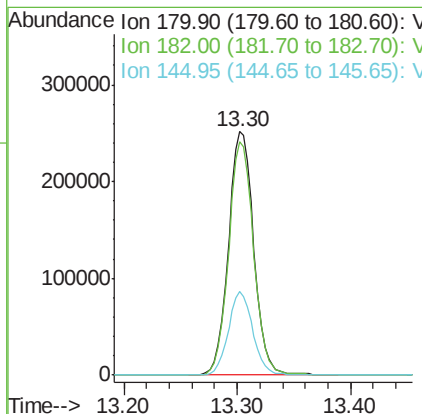
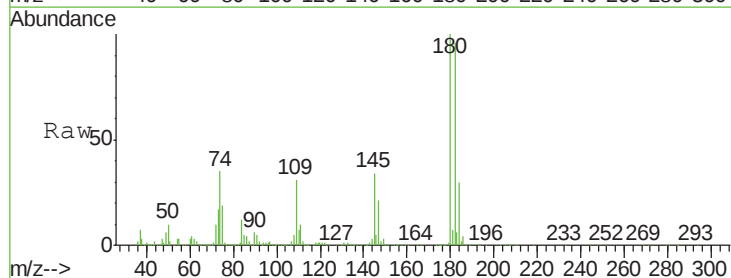
Manual Integrations
APPROVED

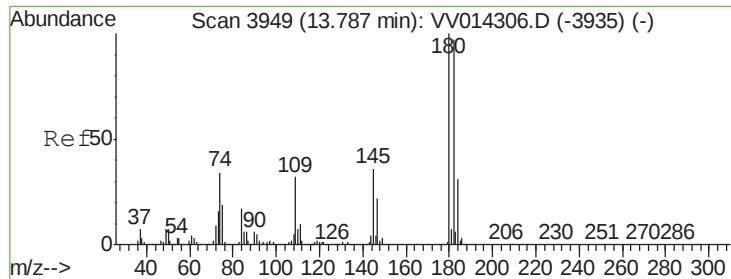
MMDadoda
1/16/2020 10:51:44 AM



#70
1,2,4-trichlorobenzene
Concen: 5.234 ug/L
RT: 13.30 min Scan# 3798
Delta R.T. -0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.8
145	33.2	26.9	40.3





#72

1,2,3-Trichlorobenzene

Concen: 3.240 ug/L

RT: 13.79 min Scan# 3949

Delta R.T. 0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

X2K71

Tot Ion:180 Resp: 208395

Ion Ratio Lower Upper

180 100

182 92.9 76.7 115.1

145 35.2 28.8 43.2

Manual Integrations

APPROVED

MMDadoda

1/16/2020 10:51:44 AM

