

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012761.D
 Acq On : 08 Sep 2019 11:33
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 11:25:43 AM

Quant Time: Sep 09 06:59:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147617	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	133543	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
35) Dibromofluoromethane	7.88	113	107087	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
50) Toluene-d8	10.32	98	392093	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.62	95	149223	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	54608	43.917	ug/l	98
3) Chloromethane	2.21	50	69853	46.225	ug/l	99
4) Vinyl Chloride	2.36	62	93405	50.411	ug/l	98
5) Bromomethane	2.78	94	53151	52.827	ug/l	97
6) Chloroethane	2.92	64	57580	52.077	ug/l	98
7) Trichlorofluoromethane	3.26	101	61506	48.104	ug/l	96
8) Diethyl Ether	3.68	74	55852	51.973	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	105561	52.609	ug/l	100
10) Methyl Iodide	4.27	142	129885	51.420	ug/l	98
11) Tert butyl alcohol	5.20	59	39766	202.807	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	98588	52.049	ug/l	97
13) Acrolein	3.89	56	51076	245.469	ug/l	98
14) Allyl chloride	4.66	41	203323	51.890	ug/l	99
15) Acrylonitrile	5.37	53	136837	218.008	ug/l	97
16) Acetone	4.13	43	164119	234.906	ug/l	98
17) Carbon Disulfide	4.38	76	200498	49.868	ug/l	99
18) Methyl Acetate	4.67	43	68953	42.066	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	192155	51.153	ug/l	100
20) Methylene Chloride	4.92	84	106377	48.668	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	99252	51.354	ug/l	98
22) Diisopropyl ether	6.30	45	387745	49.894	ug/l	91
23) Vinyl Acetate	6.25	43	1228178	249.371	ug/l	99
24) 1,1-Dichloroethane	6.21	63	215365	51.468	ug/l	99
25) 2-Butanone	7.17	43	206452	204.572	ug/l	99
26) 2,2-Dichloropropane	7.16	77	144613	54.718	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	119070	53.133	ug/l	99
28) Bromochloromethane	7.51	49	106703	55.535	ug/l	99
29) Tetrahydrofuran	7.52	42	122142	216.489	ug/l	100
30) Chloroform	7.67	83	218305	52.641	ug/l	98
31) Cyclohexane	7.95	56	168420	44.708	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	177277	52.737	ug/l	100
36) 1,1-Dichloropropene	8.08	75	158226	53.478	ug/l	99
37) Ethyl Acetate	7.25	43	84678	44.896	ug/l	99
38) Carbon Tetrachloride	8.06	117	159805	54.792	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	168058	50.574	ug/l	98
40) Benzene	8.32	78	428589	52.210	ug/l	99
41) Methacrylonitrile	7.48	41	59790	46.892	ug/l	93
42) 1,2-Dichloroethane	8.40	62	151803	52.544	ug/l	100
43) Isopropyl Acetate	8.42	43	161934	45.317	ug/l	98
44) Trichloroethene	9.09	130	107372	50.742	ug/l	97
45) 1,2-Dichloropropane	9.37	63	114899	50.465	ug/l	99
46) Dibromomethane	9.46	93	49339	45.763	ug/l	97
47) Bromodichloromethane	9.64	83	156944	52.910	ug/l	99
48) Methyl methacrylate	9.43	41	71740	42.011	ug/l	99
49) 1,4-Dioxane	9.46	88	15186	713.075	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	376121	200.595	ug/l	99
52) Toluene	10.38	92	260597	50.862	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	161383	52.911	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	185150	53.510	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	79462	49.230	ug/l	97
56) Ethyl methacrylate	10.65	69	115041	48.690	ug/l	99
57) 1,3-Dichloropropane	10.93	76	148998	49.897	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	319584	254.784	ug/l	99
59) 2-Hexanone	10.96	43	309191	225.709	ug/l	99
60) Dibromochloromethane	11.13	129	100139	52.751	ug/l	100
61) 1,2-Dibromoethane	11.23	107	74412	50.285	ug/l	99
64) Tetrachloroethene	10.86	164	92083	50.122	ug/l	99
65) Chlorobenzene	11.66	112	287763	50.286	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	111982	52.547	ug/l	99
67) Ethyl Benzene	11.73	91	563840	52.515	ug/l	99
68) m/p-Xylenes	11.83	106	398817	102.907	ug/l	98
69) o-Xylene	12.16	106	188359	51.517	ug/l	100
70) Styrene	12.18	104	326340	50.510	ug/l	99
71) Bromoform	12.35	173	55738	47.076	ug/l #	100
73) Isopropylbenzene	12.46	105	545168	51.492	ug/l	100
74) N-amyl acetate	12.27	43	149744	44.558	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	95599	44.961	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	63442m	42.030	ug/l	
77) Bromobenzene	12.74	156	114697	47.816	ug/l	97
78) n-propylbenzene	12.80	91	654158	51.661	ug/l	100
79) 2-Chlorotoluene	12.89	91	370738	51.001	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	458299	51.370	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	32942	46.159	ug/l	98
82) 4-Chlorotoluene	12.99	91	394145	51.260	ug/l	100
83) tert-Butylbenzene	13.21	119	368317	46.691	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	413462	45.994	ug/l	99
85) sec-Butylbenzene	13.38	105	544406	49.734	ug/l	100
86) p-Isopropyltoluene	13.50	119	505665	50.574	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	237320	50.336	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	226819	48.347	ug/l	99
89) n-Butylbenzene	13.82	91	498626	51.369	ug/l	99
90) Hexachloroethane	14.09	117	90784	52.011	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	212495	50.075	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	15254	39.202	ug/l	93

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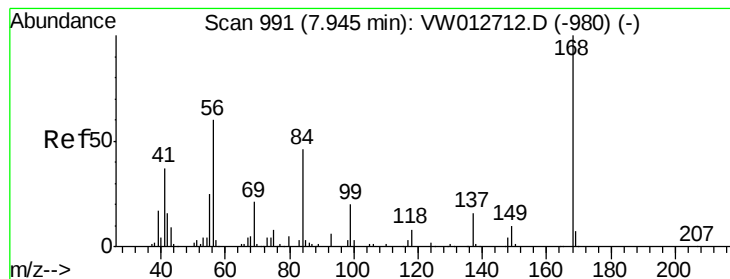
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	131614	44.547	ug/l	98
94) Hexachlorobutadiene	15.24	225	88302	43.180	ug/l	97
95) Naphthalene	15.36	128	224565	37.480	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	113729	43.609	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 229364

Ion Ratio Lower Upper

168 100

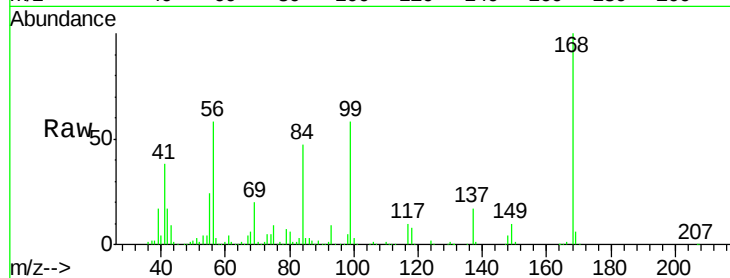
99 57.7 47.8 71.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

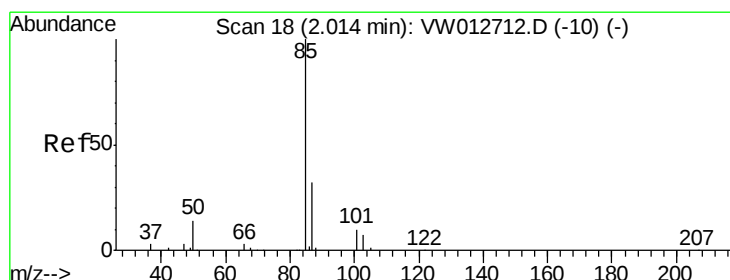
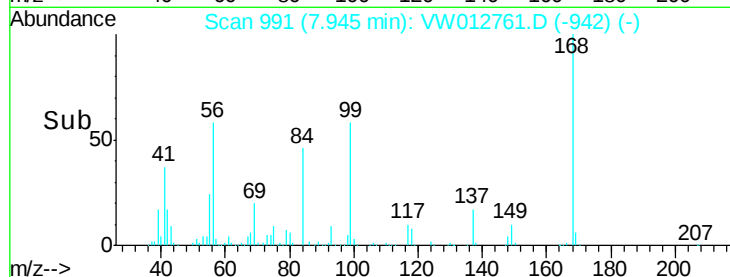
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 43.917 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012761.D

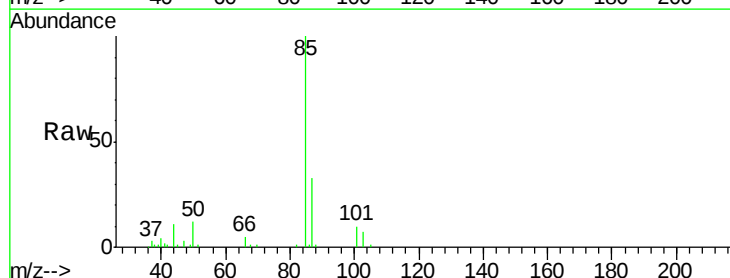
Acq: 08 Sep 2019 11:33

Tgt Ion: 85 Resp: 54608

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

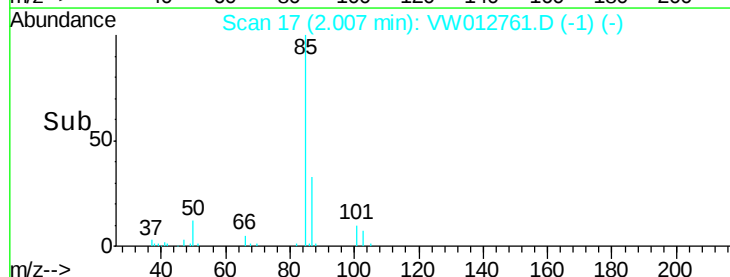
15000

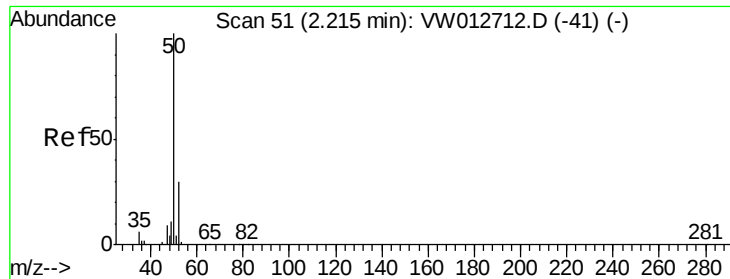
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 46.225 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 69853

Ion Ratio Lower Upper

50 100

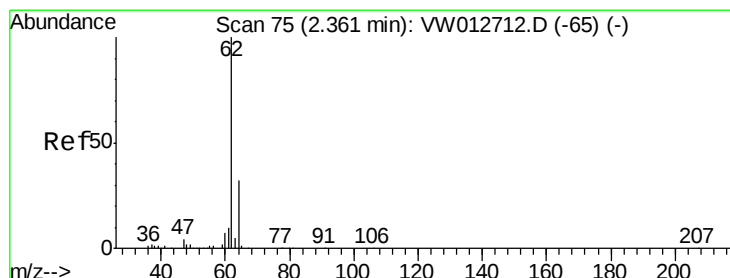
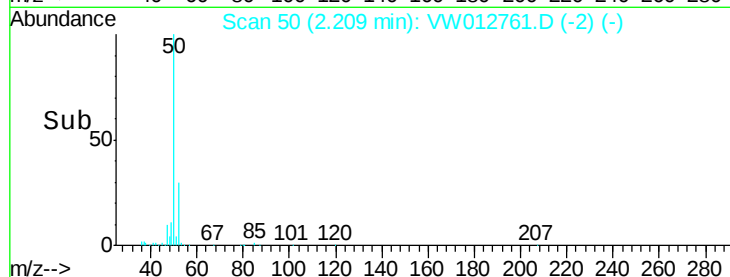
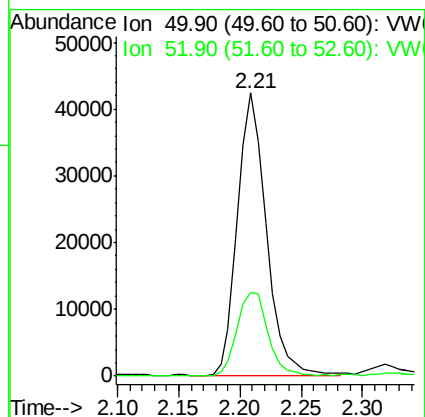
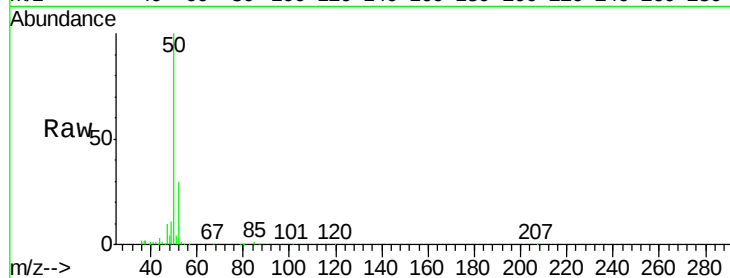
52 29.8 24.2 36.2

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#4

Vinyl Chloride

Concen: 50.411 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012761.D

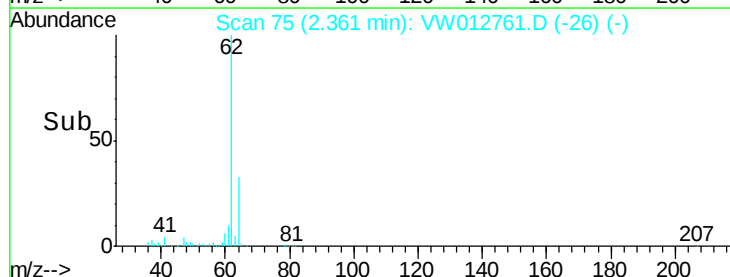
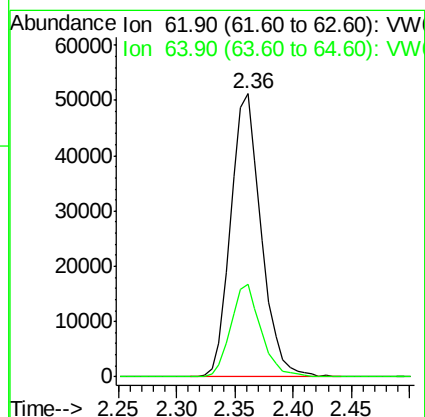
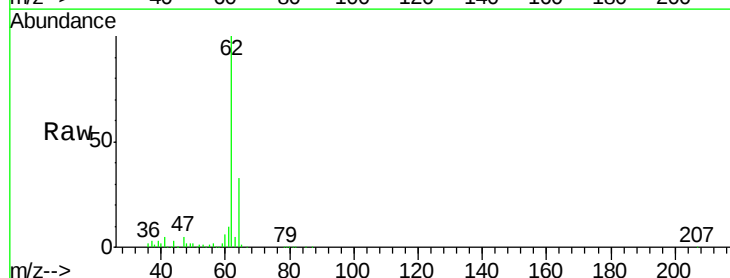
Acq: 08 Sep 2019 11:33

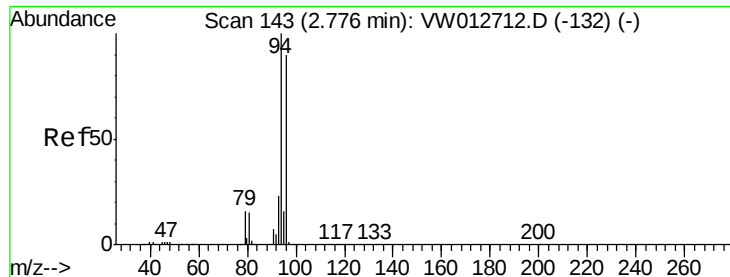
Tgt Ion: 62 Resp: 93405

Ion Ratio Lower Upper

62 100

64 32.6 25.3 37.9





#5

Bromomethane

Concen: 52.827 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 53151

Ion Ratio Lower Upper

94 100

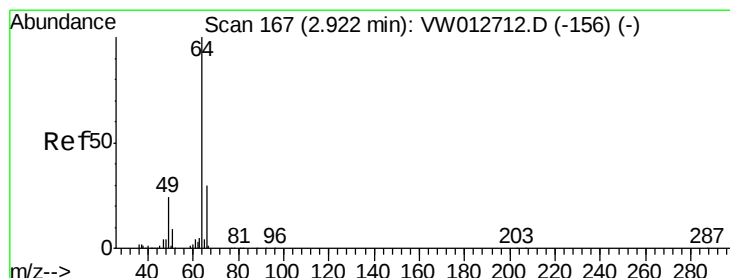
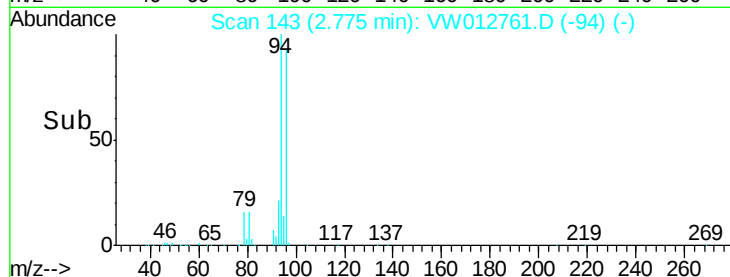
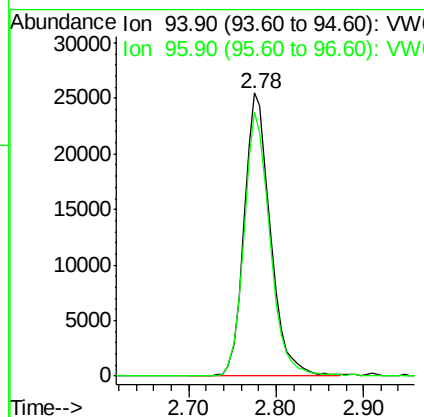
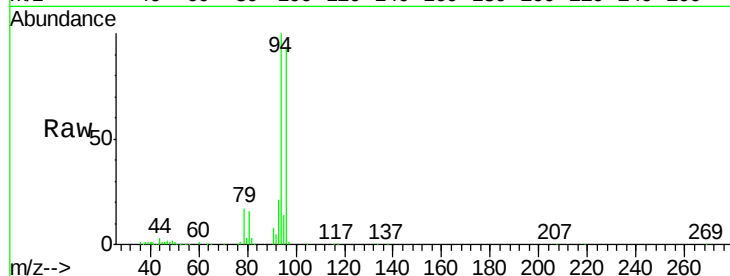
96 93.2 72.1 108.1

Manual Integrations

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#6

Chloroethane

Concen: 52.077 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012761.D

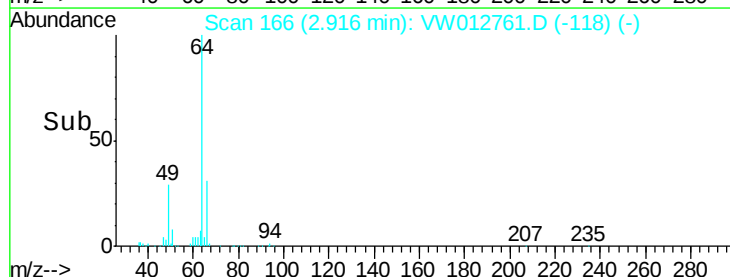
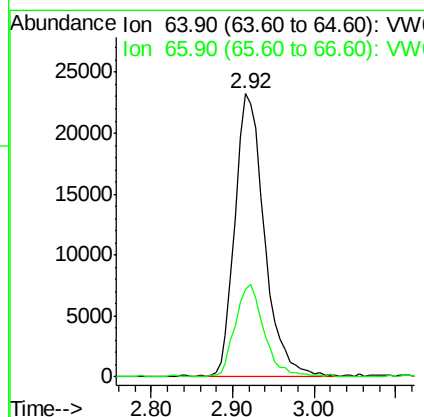
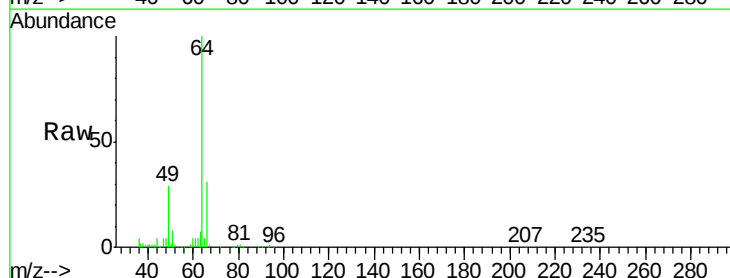
Acq: 08 Sep 2019 11:33

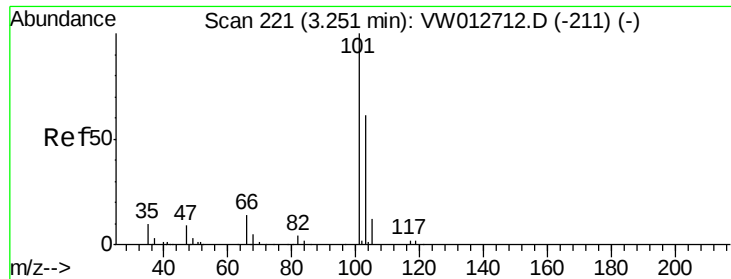
Tgt Ion: 64 Resp: 57580

Ion Ratio Lower Upper

64 100

66 30.8 23.8 35.6





#7

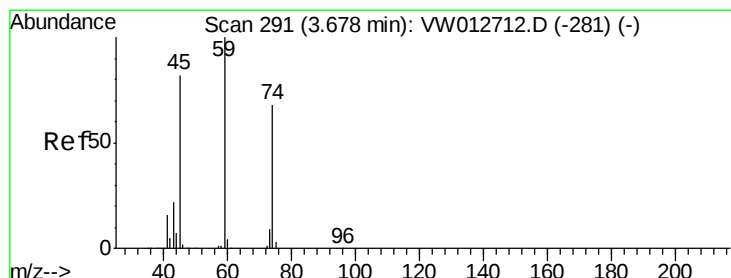
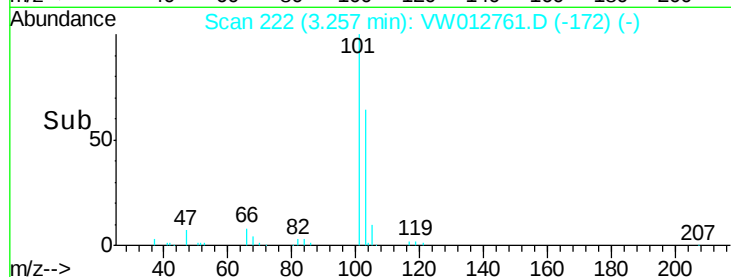
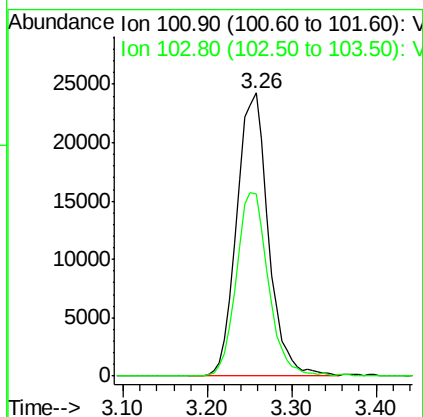
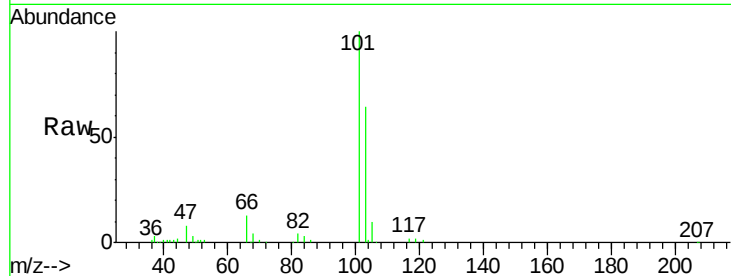
Trichlorofluoromethane
Concen: 48.104 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	49.0	73.4

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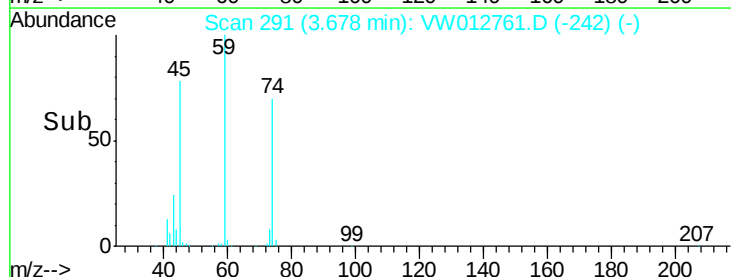
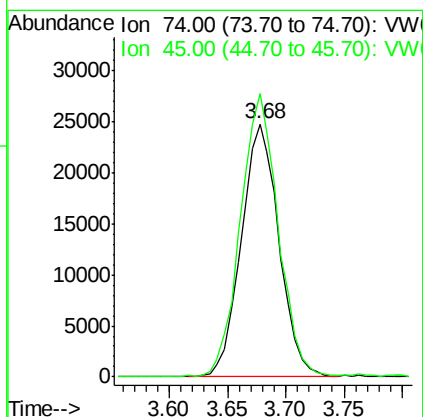
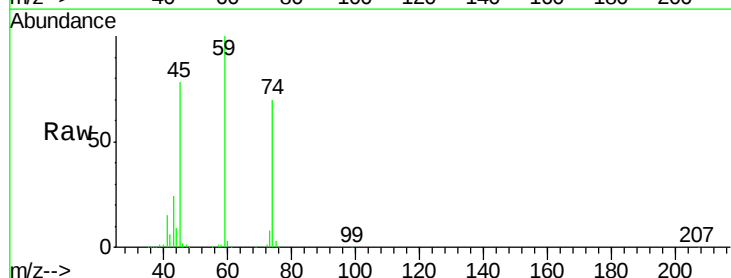
MMDadoda
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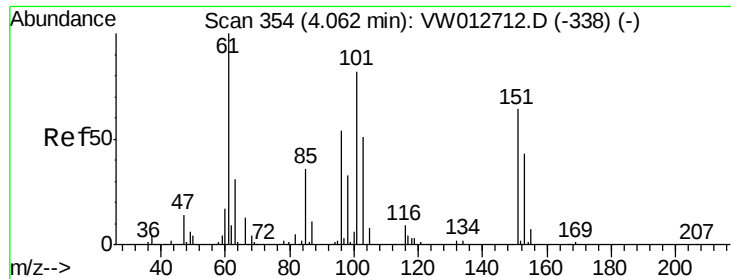


#8

Diethyl Ether
Concen: 51.973 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	113.2	58.8	176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.609 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

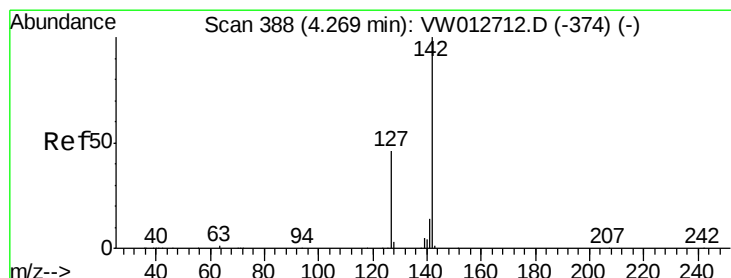
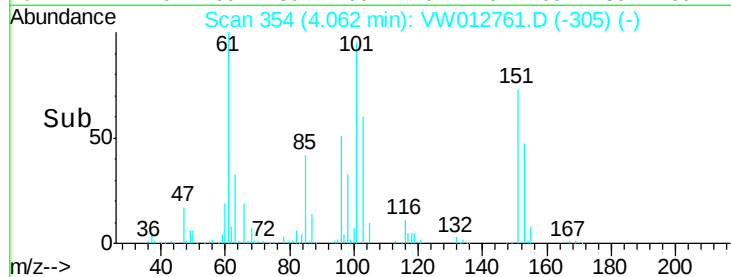
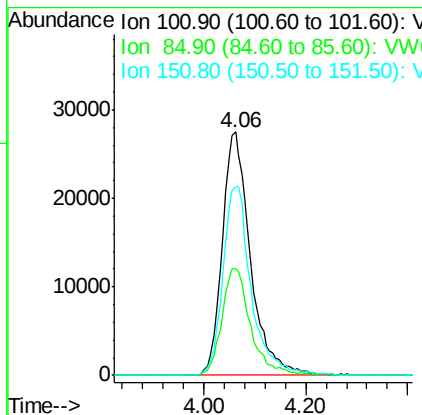
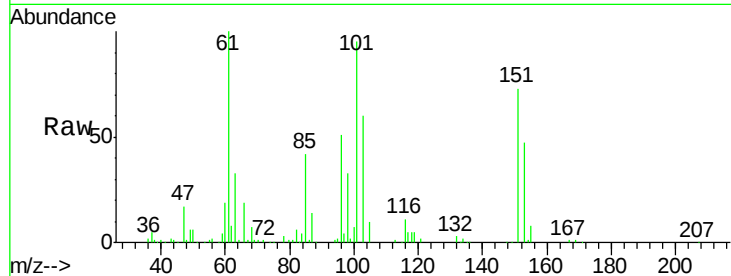
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	105561
Ion Ratio	Lower	Upper	
101	100		
85	44.6	36.2	54.2
151	77.2	61.9	92.9

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#10

Methyl Iodide

Concen: 51.420 ug/l

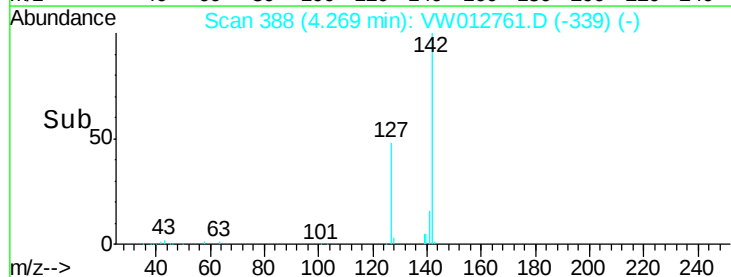
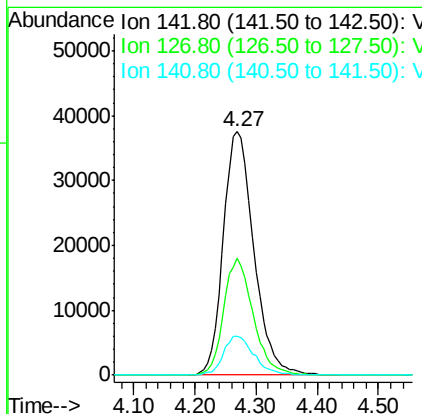
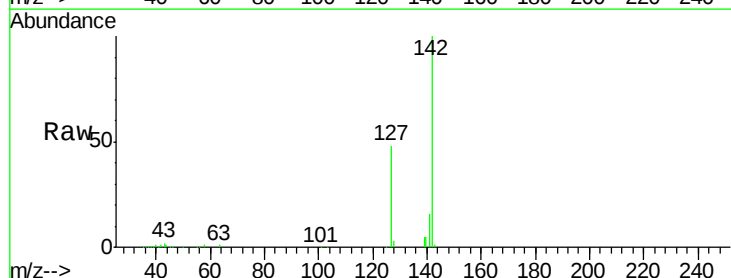
RT: 4.27 min Scan# 388

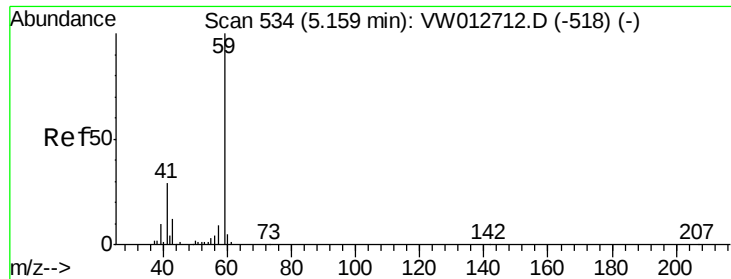
Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Tgt Ion:	142	Resp:	129885
Ion Ratio	Lower	Upper	
142	100		
127	46.1	36.0	54.0
141	15.8	12.2	18.4





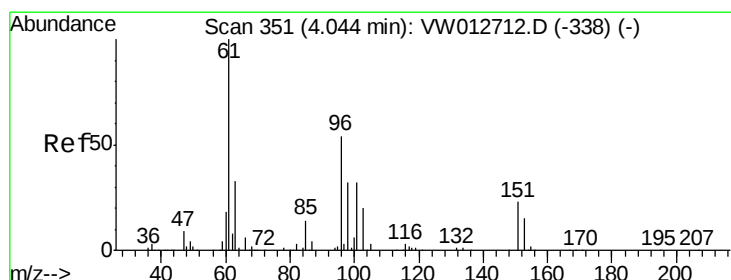
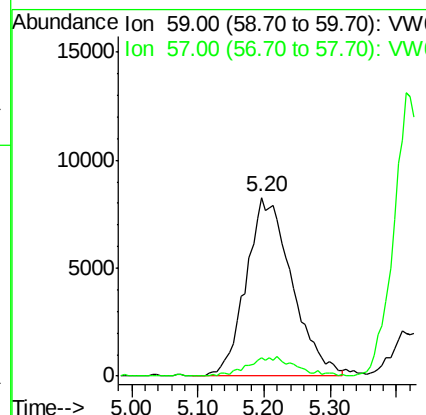
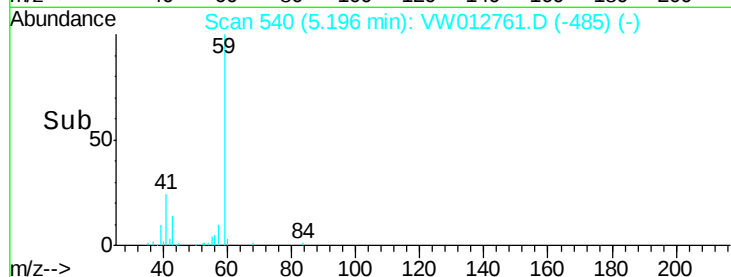
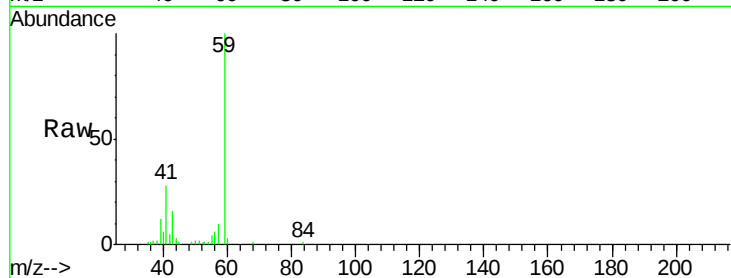
#11
Tert butyl alcohol
Concen: 202.807 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.04 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 39766
Ion Ratio Lower Upper
59 100
57 4.8 8.2 12.4#

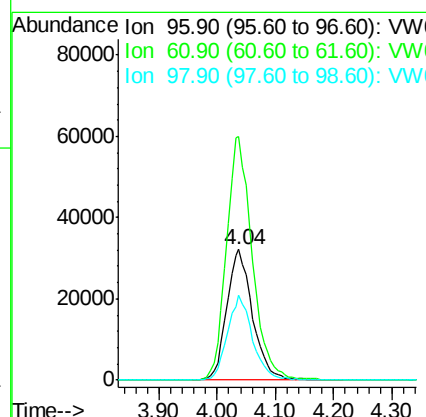
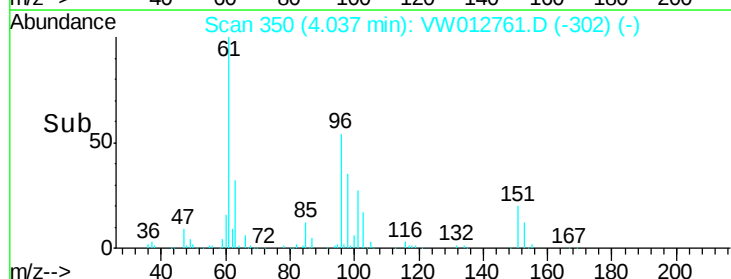
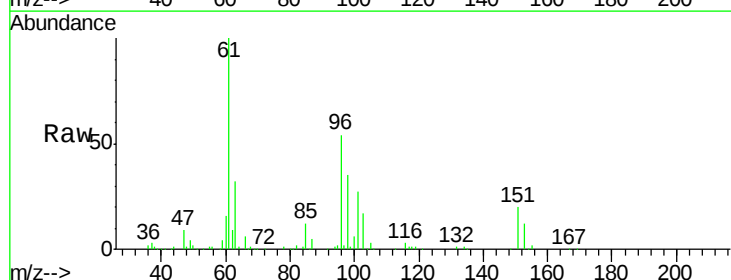
Manual Integrations
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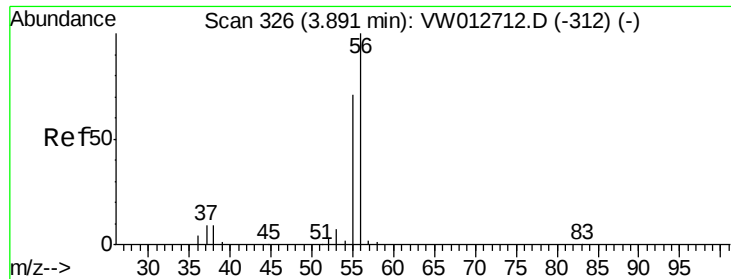
MMDadoda
9/9/2019 11:25:43 AM



#12
1,1-Dichloroethene
Concen: 52.049 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion: 96 Resp: 98588
Ion Ratio Lower Upper
96 100
61 186.3 147.8 221.6
98 65.2 47.9 71.9





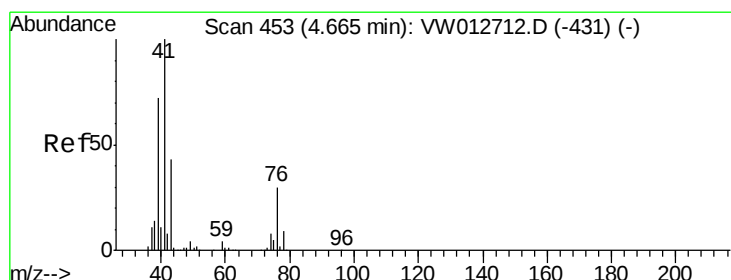
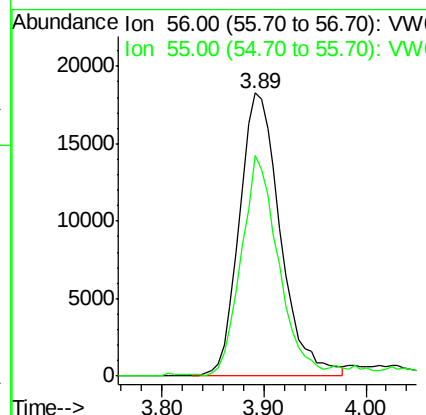
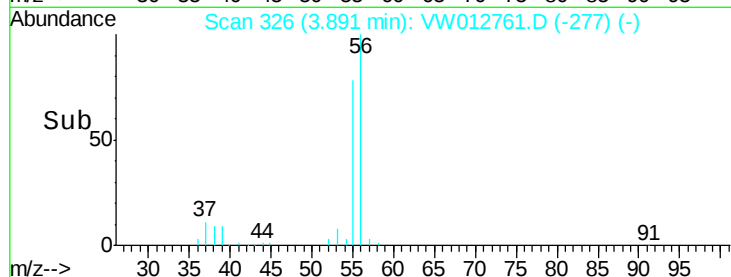
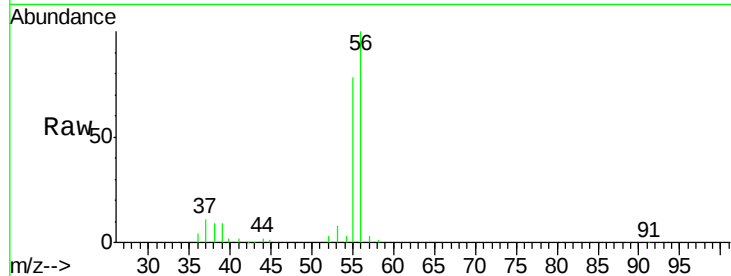
#13
Acrolein
Concen: 245.469 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	69.5	56.9	85.3

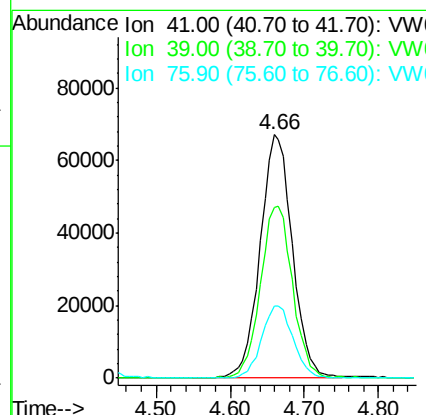
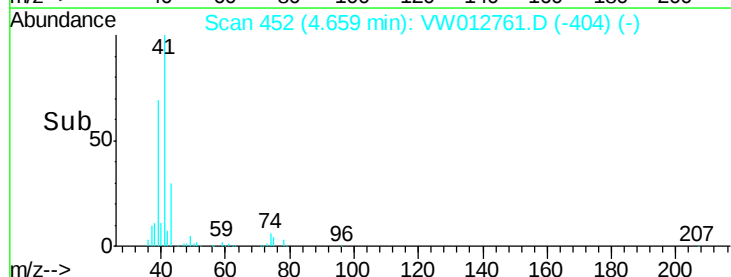
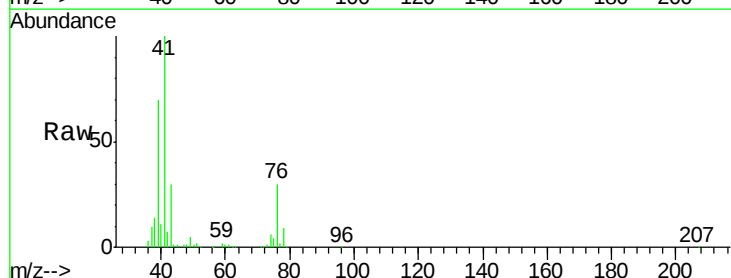
Manual Integrations
APPROVED

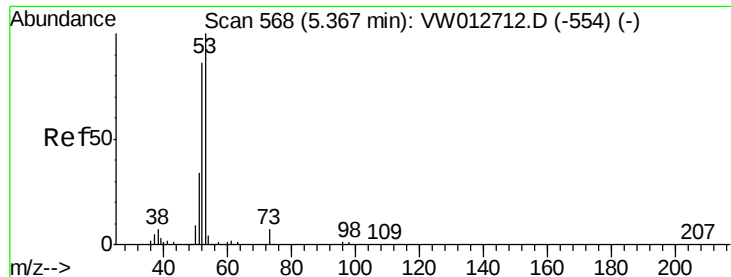
MMDadoda
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#14
Allyl chloride
Concen: 51.890 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	70.3	55.0	82.6
76	76	29.1	23.0	34.4





#15

Acrylonitrile

Concen: 218.008 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

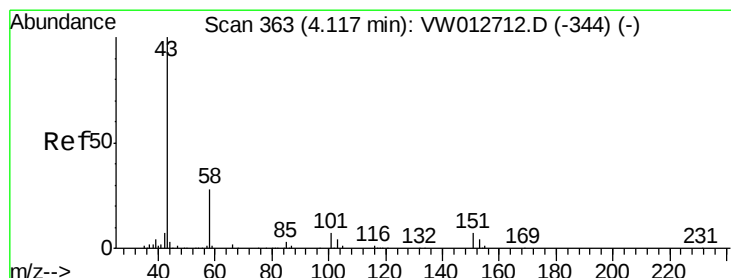
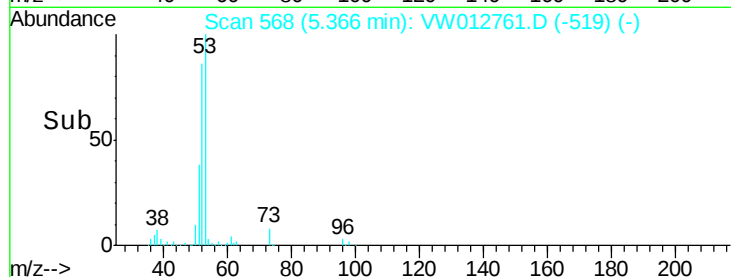
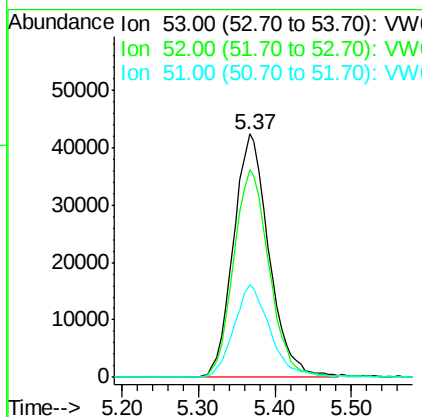
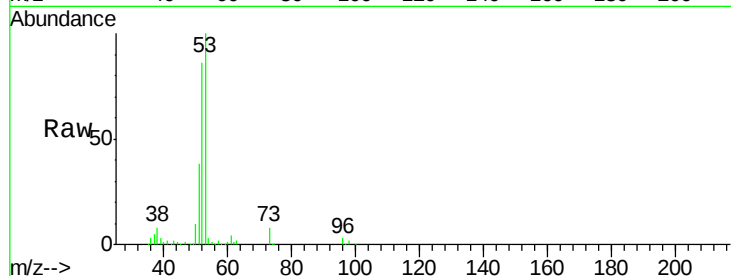
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	136837
Ion Ratio	Lower	Upper	
53	100		
52	86.0	67.0	100.4
51	38.8	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 234.906 ug/l

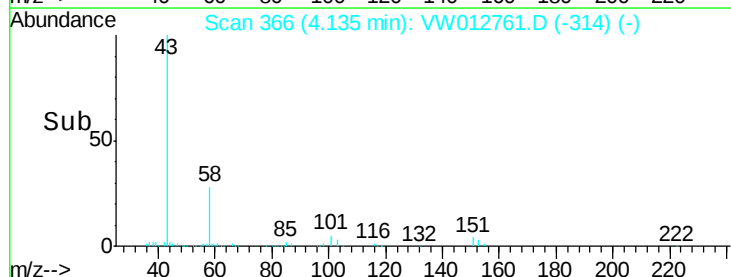
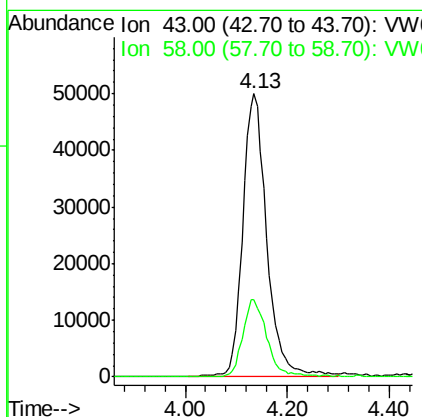
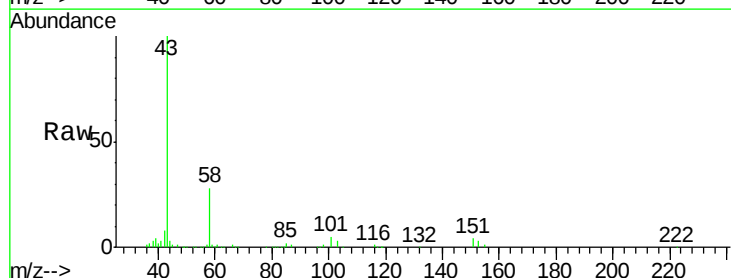
RT: 4.13 min Scan# 366

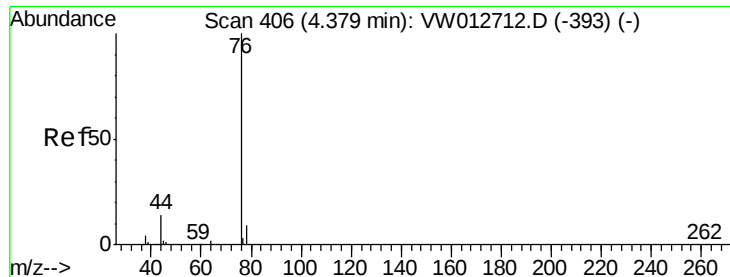
Delta R.T. 0.02 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Tgt Ion:	43	Resp:	164119
Ion Ratio	Lower	Upper	
43	100		
58	27.3	22.6	33.8





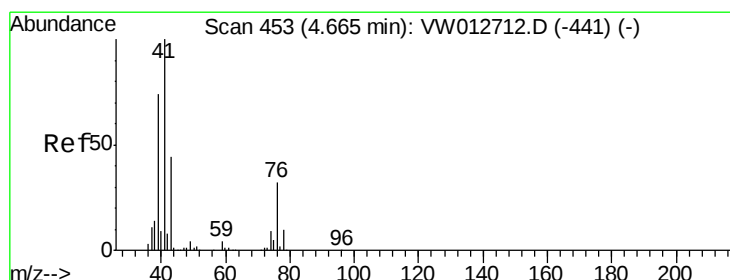
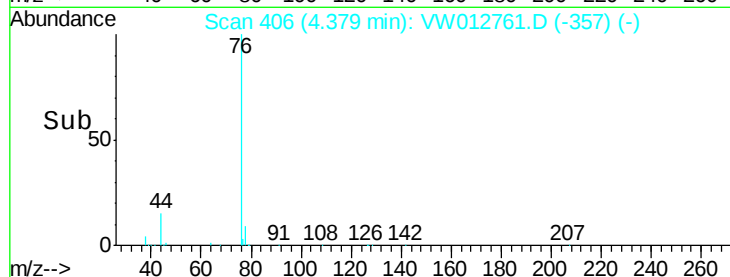
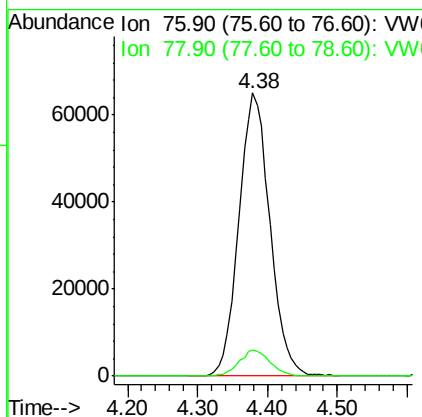
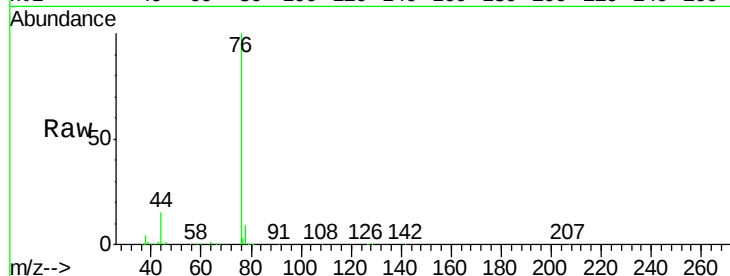
#17
Carbon Disulfide
Concen: 49.868 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

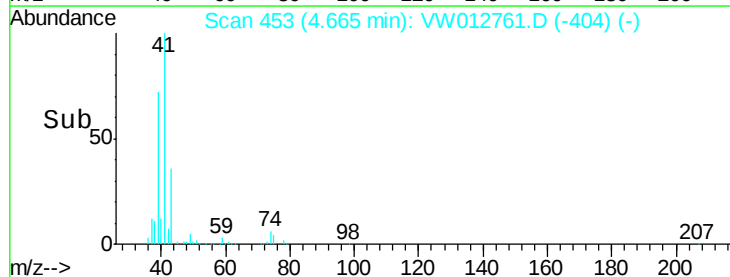
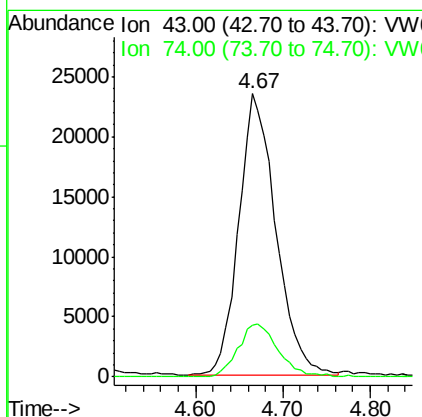
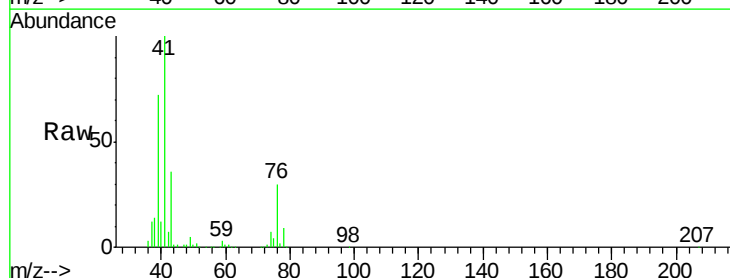
Manual Integrations
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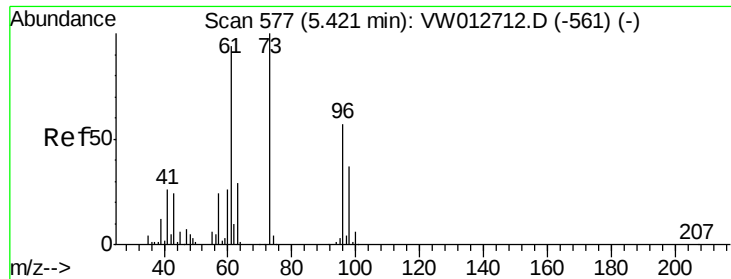
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#18
Methyl Acetate
Concen: 42.066 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.3	15.8	23.6





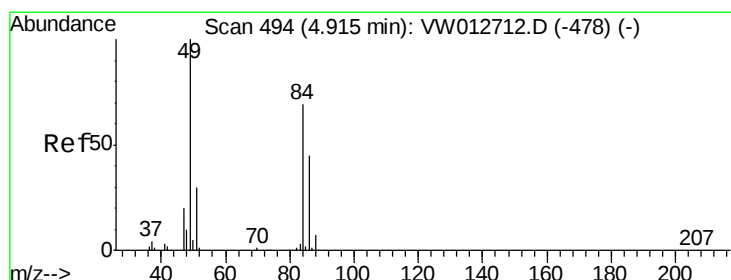
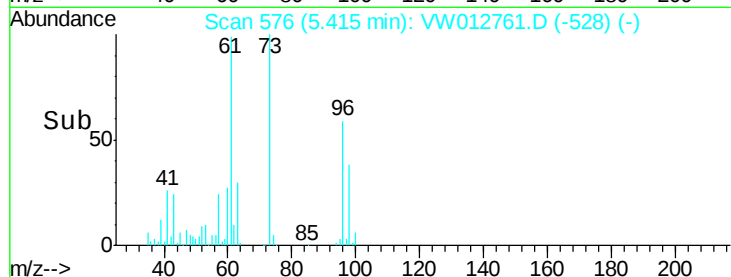
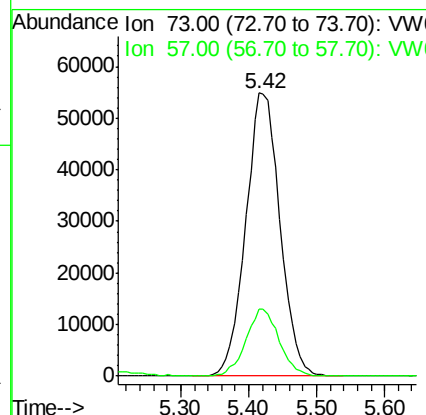
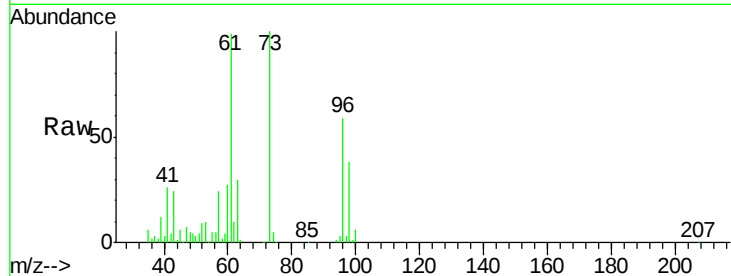
#19
Methvl tert-butvl Ether
Concen: 51.153 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.9	19.2	28.8

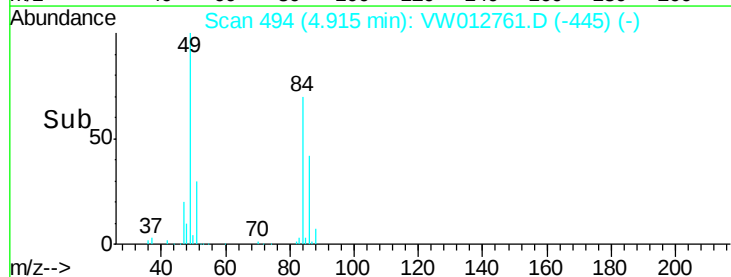
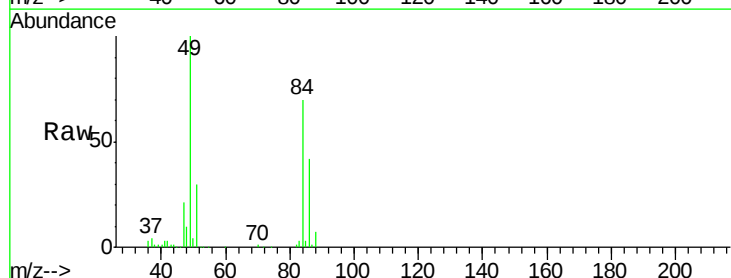
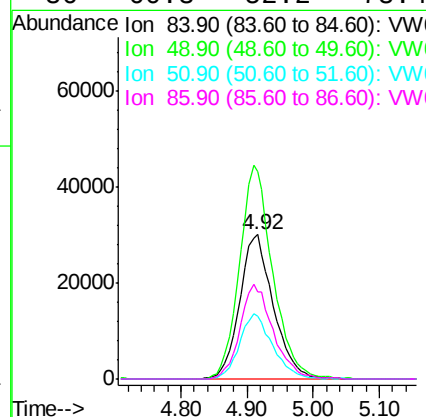
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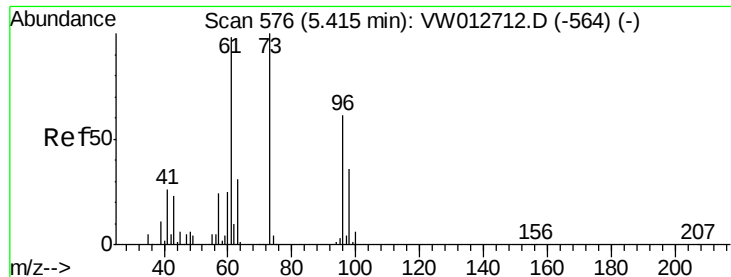
MMDadoda
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#20
Methylene Chloride
Concen: 48.668 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	143.3	115.4	173.0
51	43.7	34.9	52.3
86	60.3	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 51.354 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

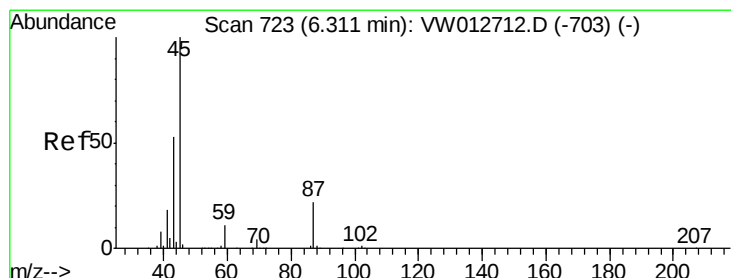
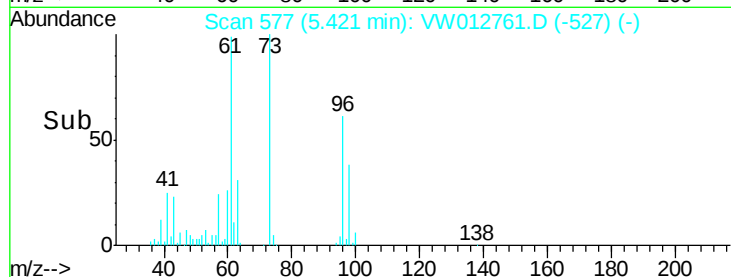
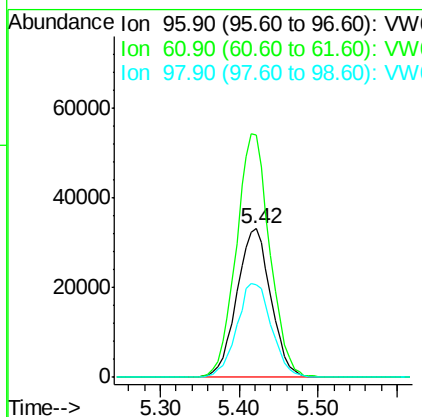
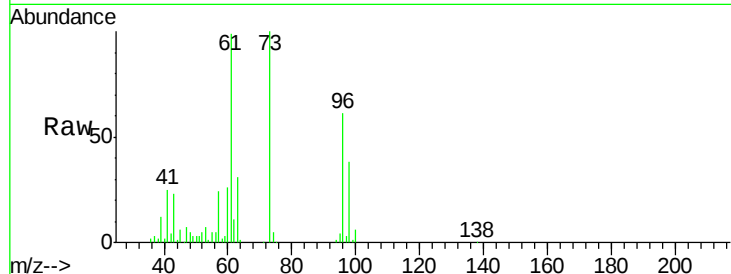
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	99252
Ion	Ratio	Lower	Upper
96	100		
61	163.3	129.2	193.8
98	62.2	48.0	72.0

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#22

Diisopropyl ether

Concen: 49.894 ug/l

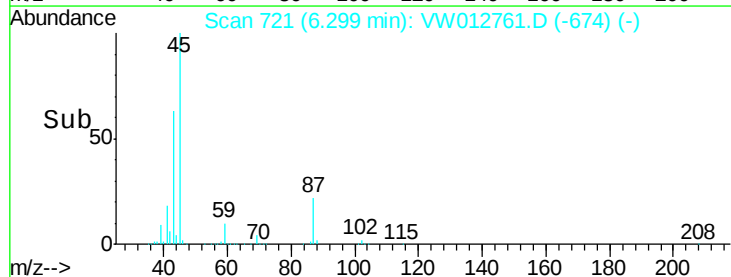
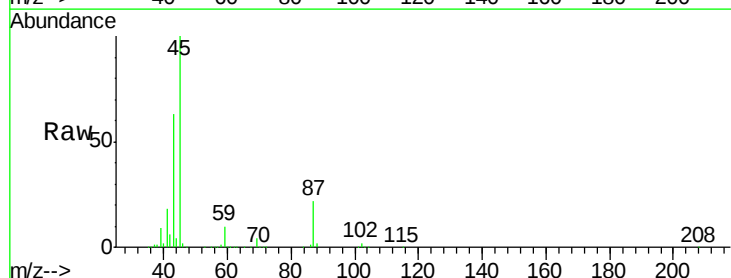
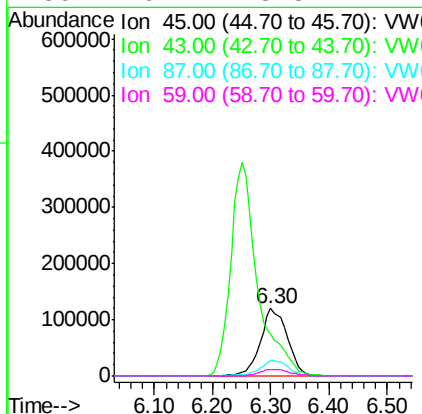
RT: 6.30 min Scan# 721

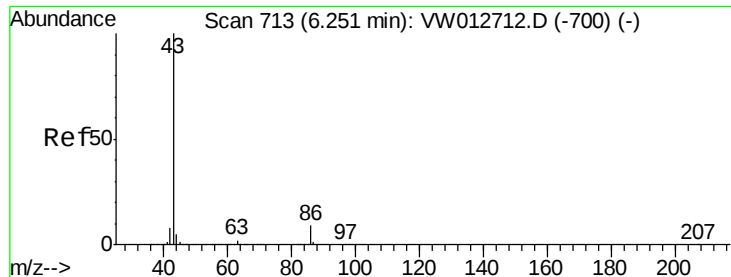
Delta R.T. -0.01 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Tgt Ion:	45	Resp:	387745
Ion	Ratio	Lower	Upper
45	100		
43	63.1	42.3	63.5
87	22.1	18.2	27.2
59	10.2	8.5	12.7





#23

Vinyl Acetate

Concen: 249.371 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Tot Ion: 43 Resp: 1228178

Ion Ratio Lower Upper

43 100

86 8.3 7.0 10.6

Instrument :

MSVOA_W

ClientSampleId :

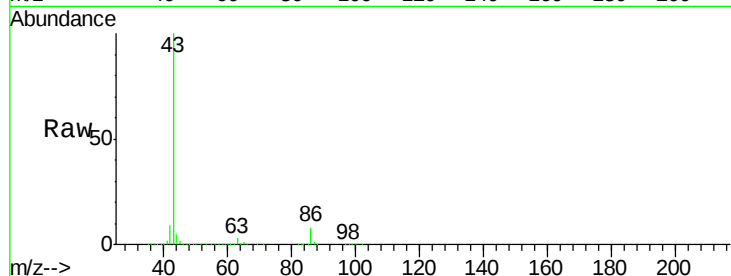
VSTDCCC050

Manual Integrations

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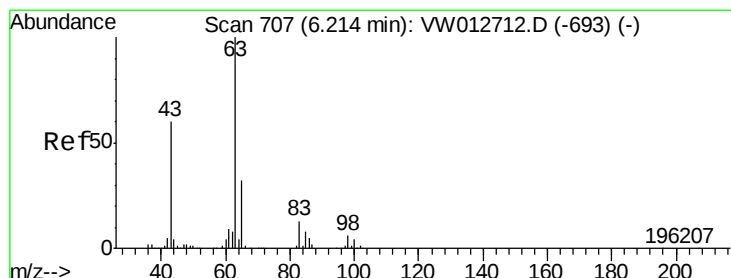
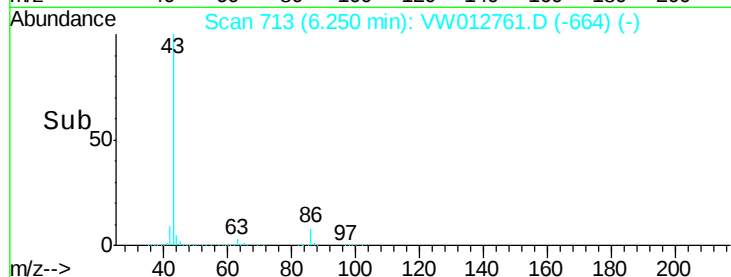
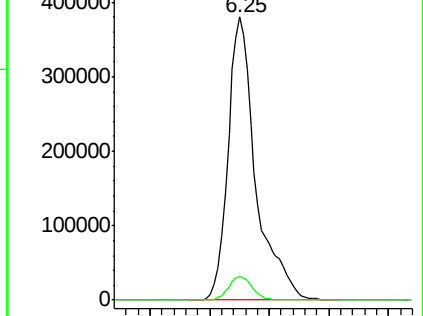
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.468 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

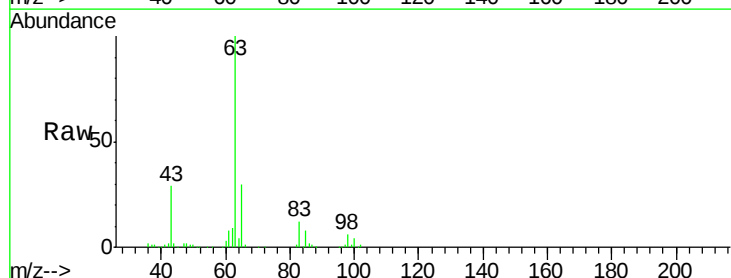
Tgt Ion: 63 Resp: 215365

Ion Ratio Lower Upper

63 100

98 5.6 3.1 9.3

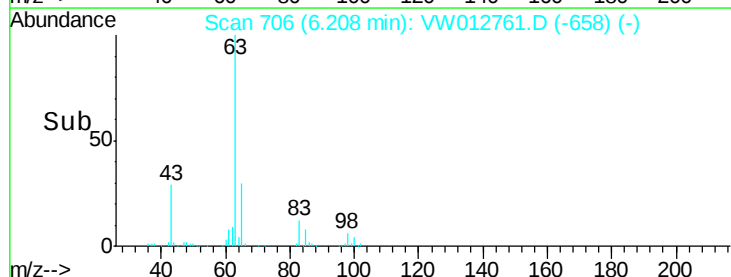
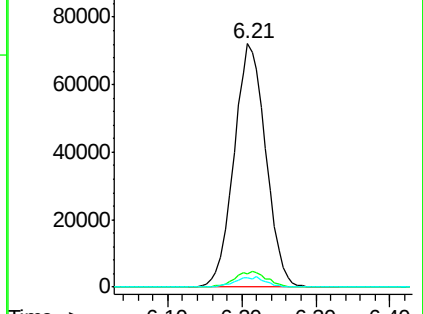
100 3.8 1.8 5.5

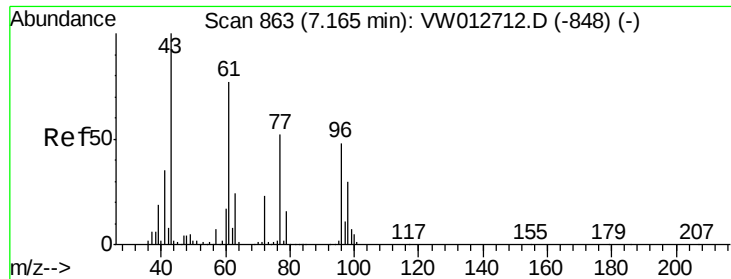


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 204.572 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 206452

Ion Ratio Lower Upper

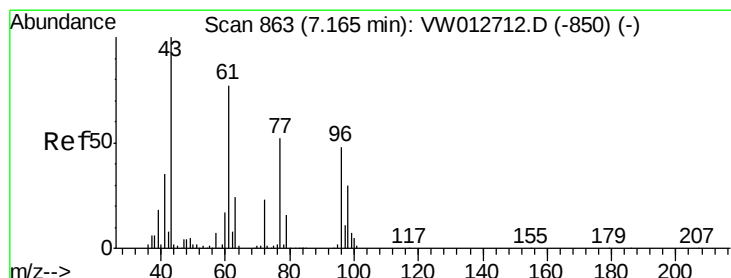
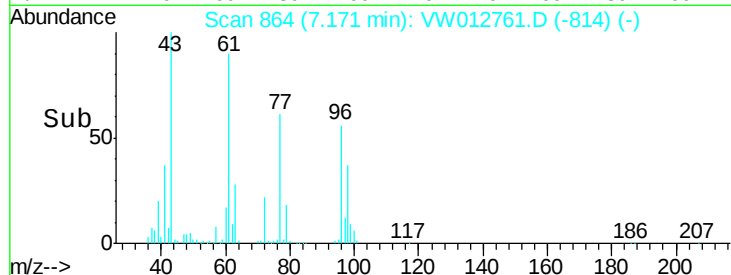
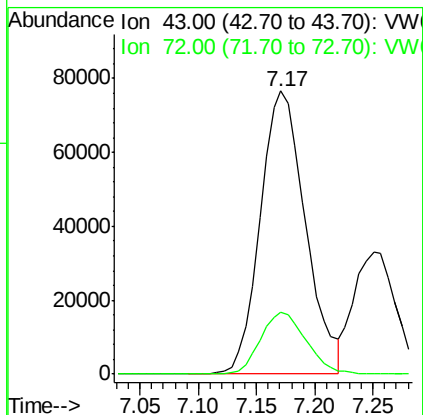
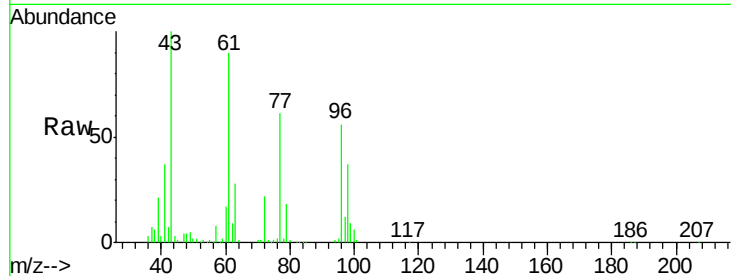
43 100

72 22.0 18.0 27.0

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 54.718 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012761.D

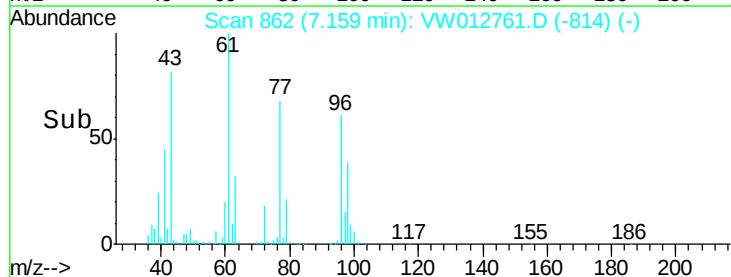
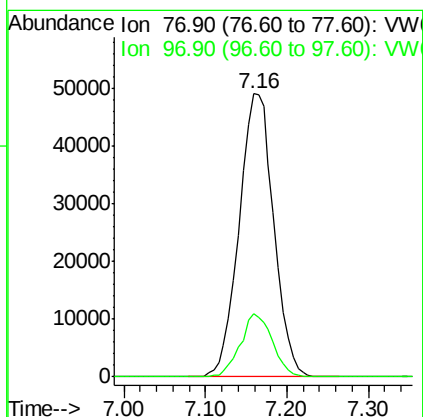
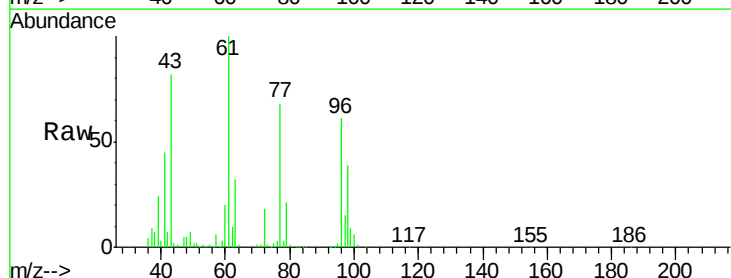
Acq: 08 Sep 2019 11:33

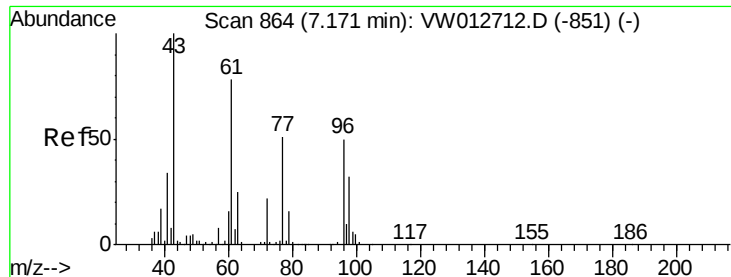
Tgt Ion: 77 Resp: 144613

Ion Ratio Lower Upper

77 100

97 20.6 10.7 32.1





#27

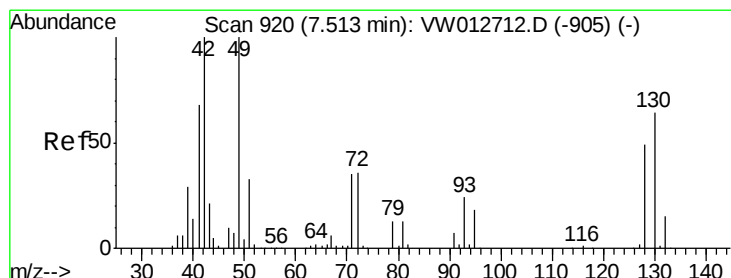
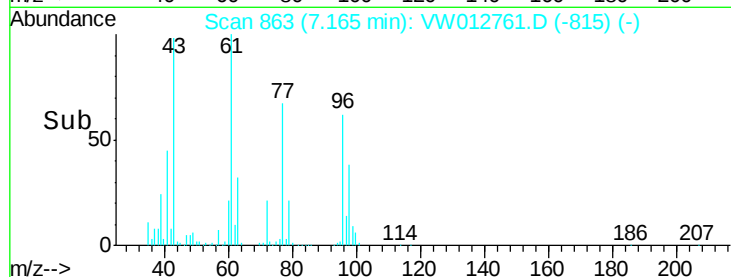
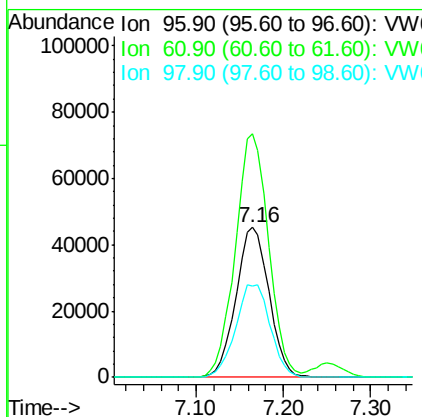
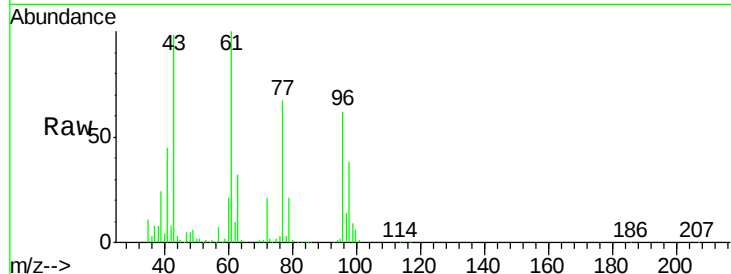
cis-1,2-Dichloroethene
Concen: 53.133 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	119070		
61	162.6	0.0	325.8	
98	64.7	0.0	127.0	

Manual Integrations
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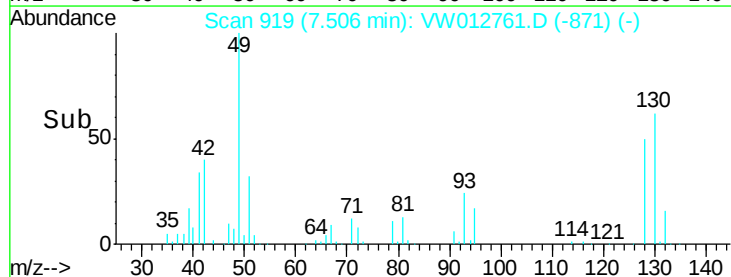
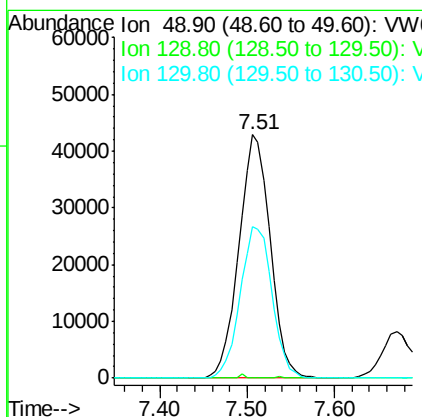
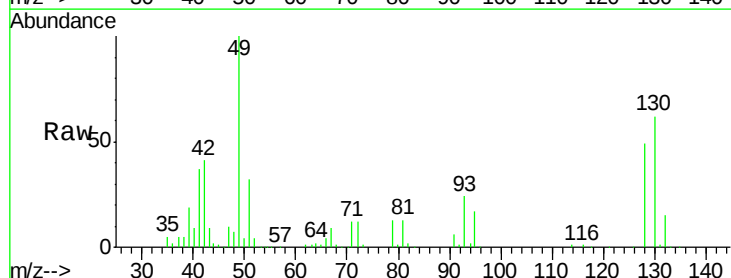
MMDadoda
9/9/2019 11:25:43 AM



#28

Bromochloromethane
Concen: 55.535 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	106703		
129	0.3	0.0	0.8	
130	63.4	49.8	74.8	





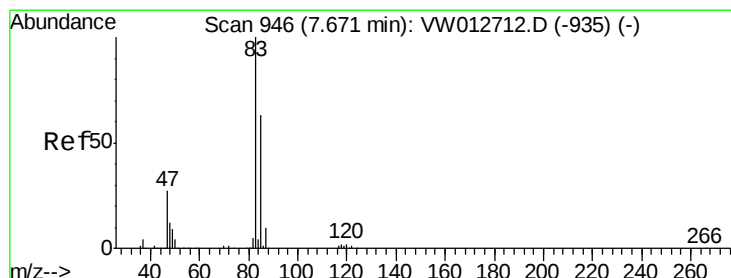
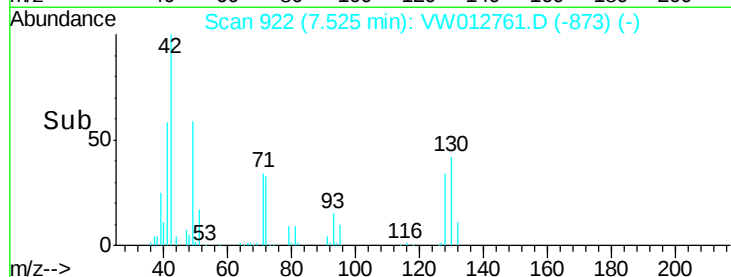
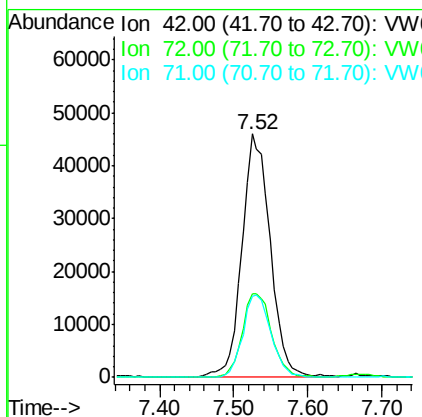
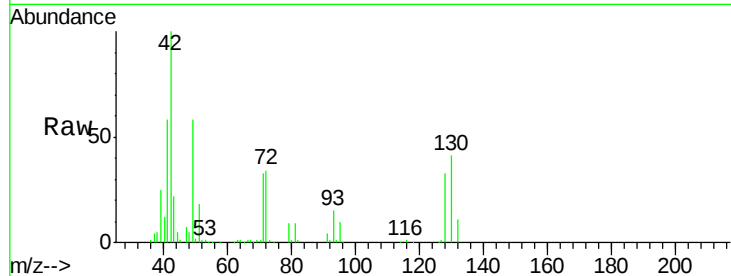
#29
Tetrahydrofuran
Concen: 216.489 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.8	28.4	42.6
71	33.8	27.1	40.7

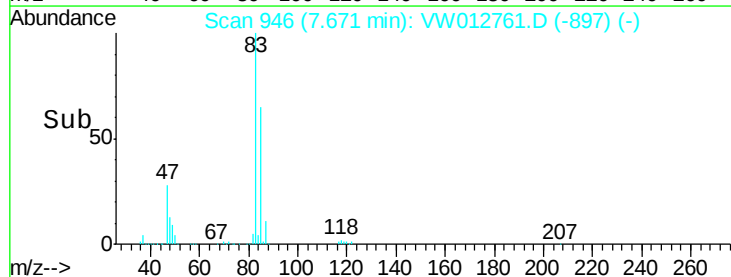
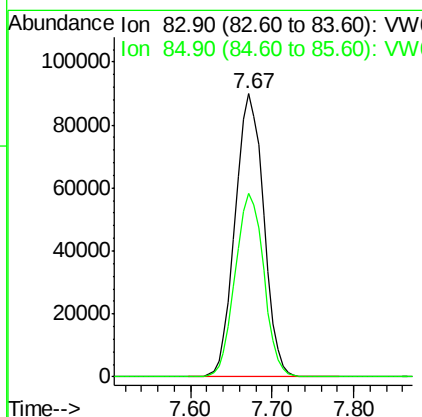
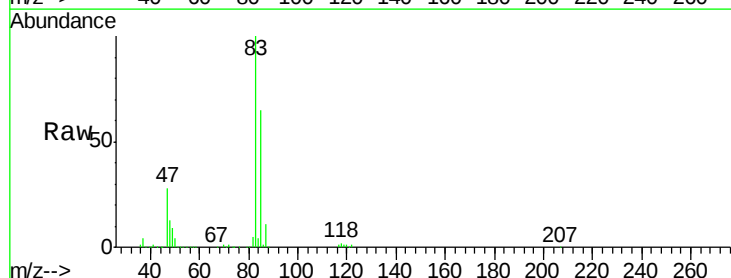
Manual Integrations
APPROVED

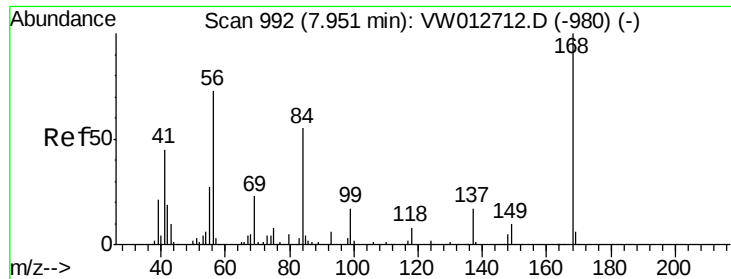
MMDadoda
9/9/2019 11:25:43 AM



#30
Chloroform
Concen: 52.641 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.6	76.0





#31

Cvclohexane

Concen: 44.708 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

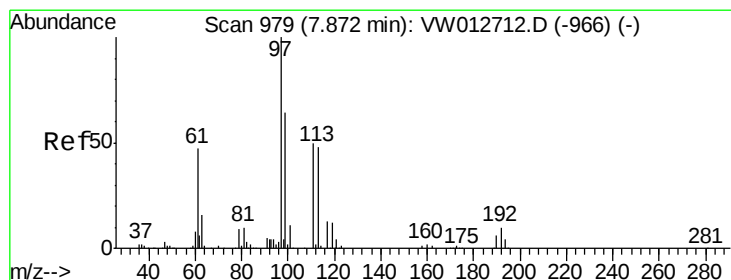
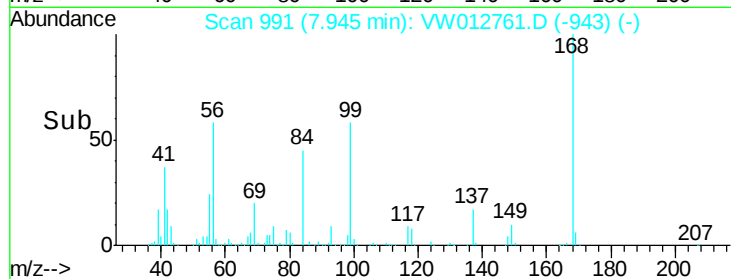
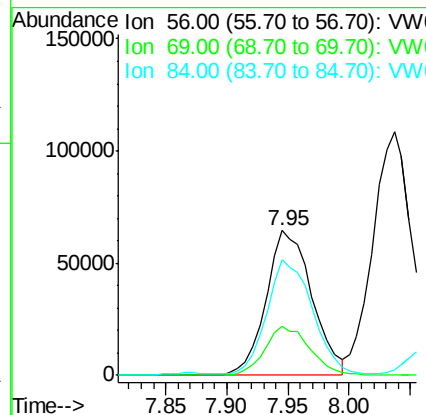
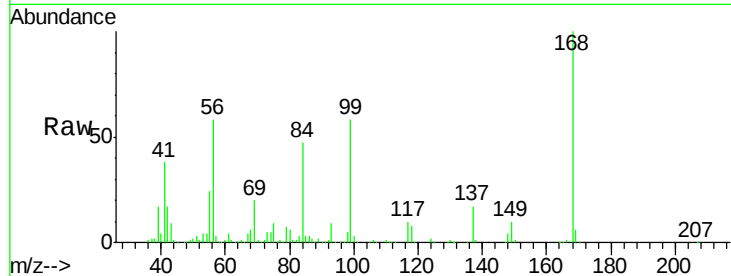
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	168420
Ion Ratio	Lower	Upper	
56	100		
69	34.1	25.7	38.5
84	78.2	60.4	90.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.737 ug/l

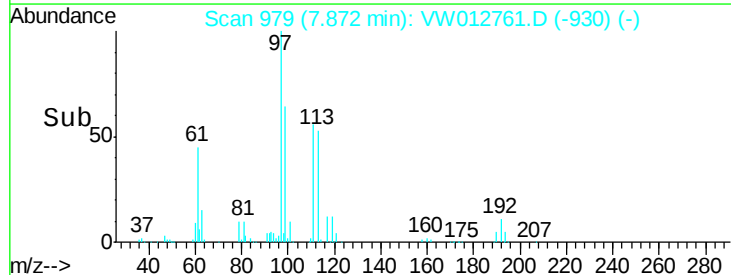
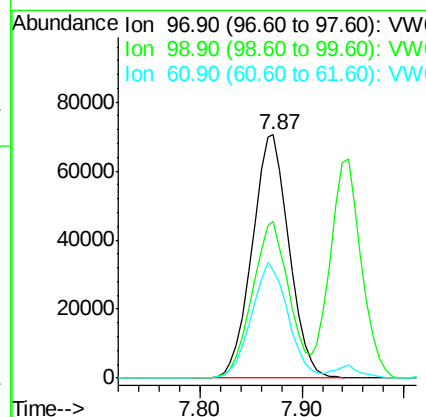
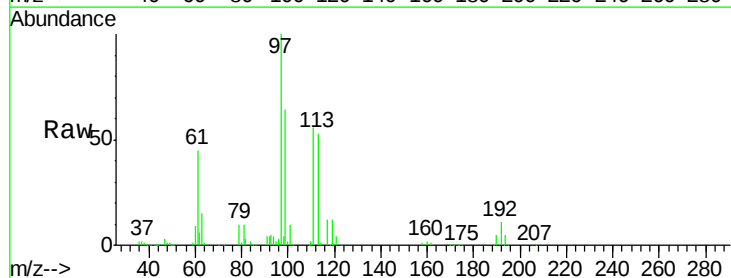
RT: 7.87 min Scan# 979

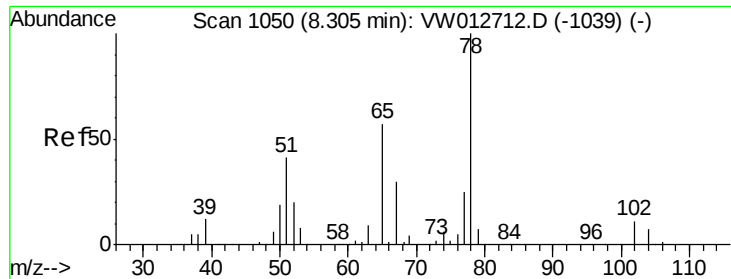
Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Tgt Ion:	97	Resp:	177277
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.5	77.3
61	47.3	37.9	56.9





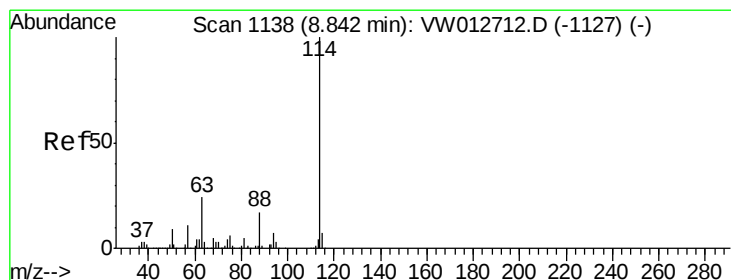
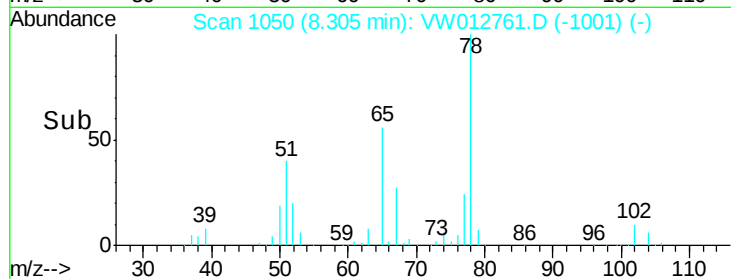
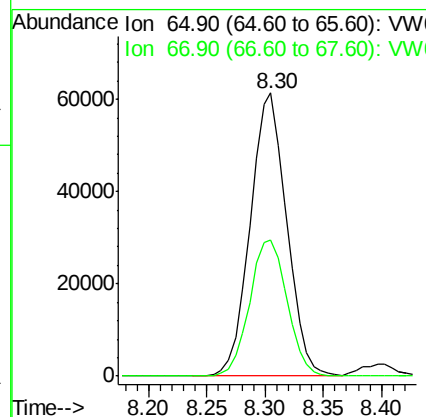
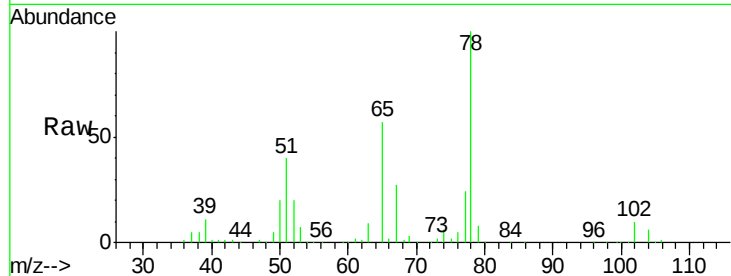
#33
 1,2-Dichloroethane-d4
 Concen: 52.109 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	133543		
67	49.6	0.0	101.8	

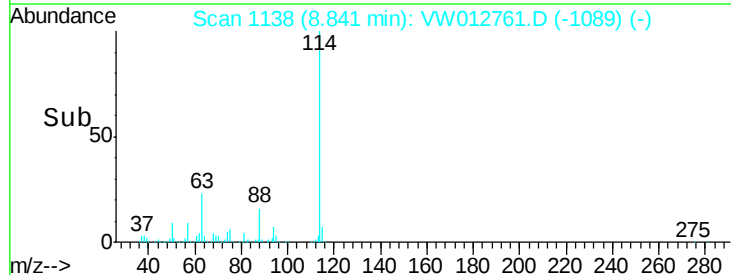
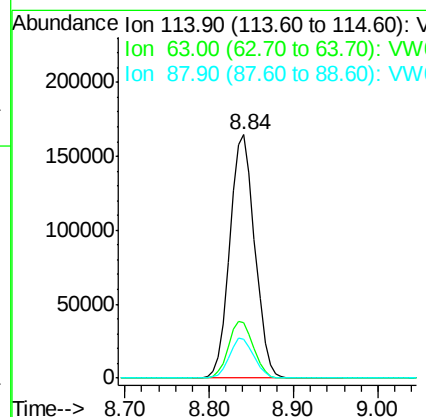
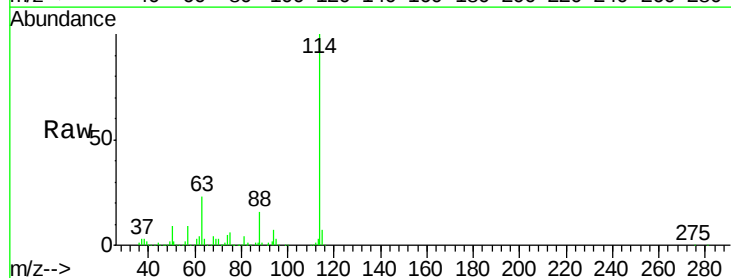
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	332991		
63	22.6	0.0	47.2	
88	15.9	0.0	34.0	





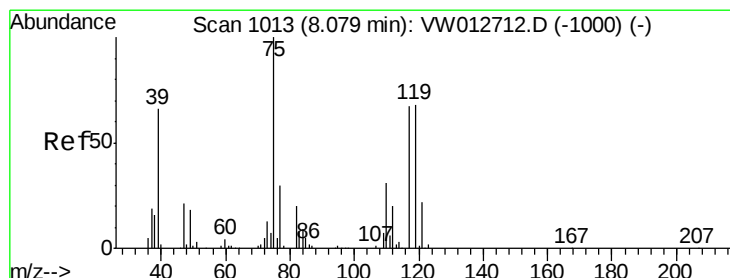
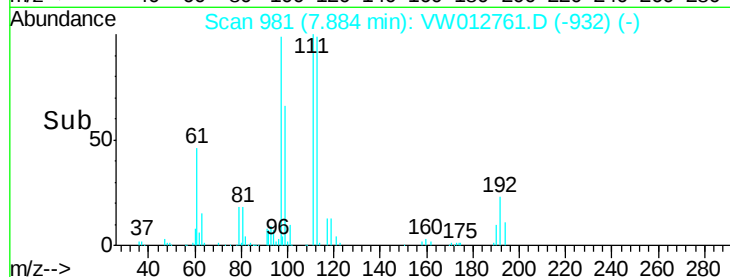
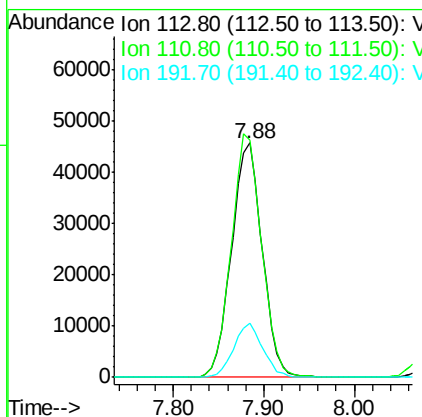
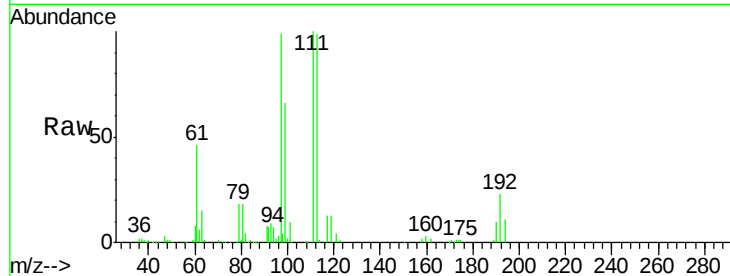
#35
 Dibromofluoromethane
 Concen: 54.092 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.2	120.4
192	21.9	17.3	25.9

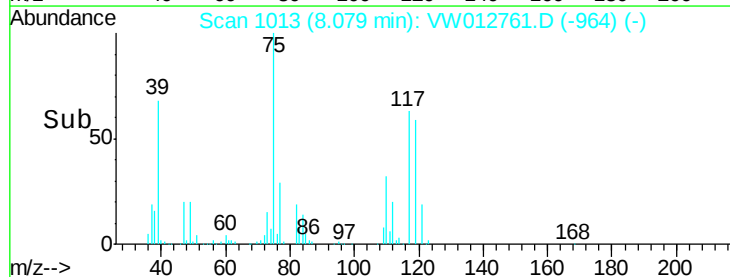
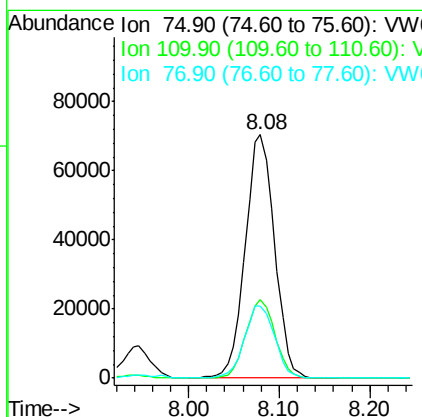
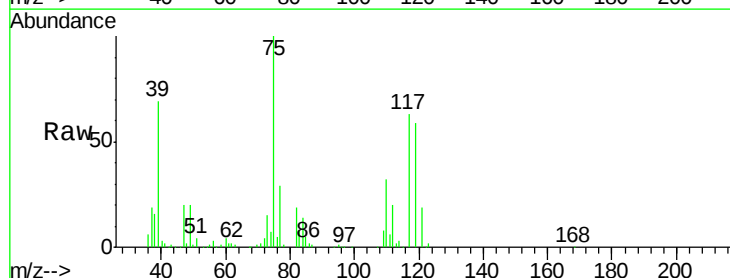
Manual Integrations
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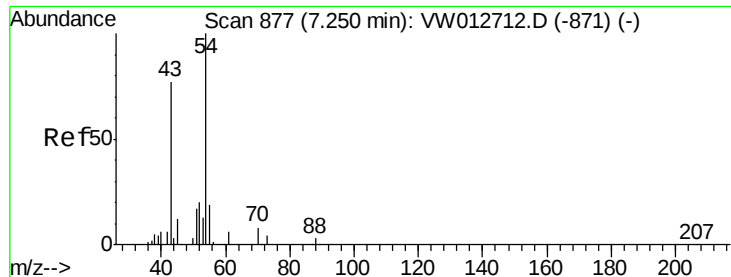
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 53.478 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.1	15.9	47.7
77	30.5	25.0	37.4





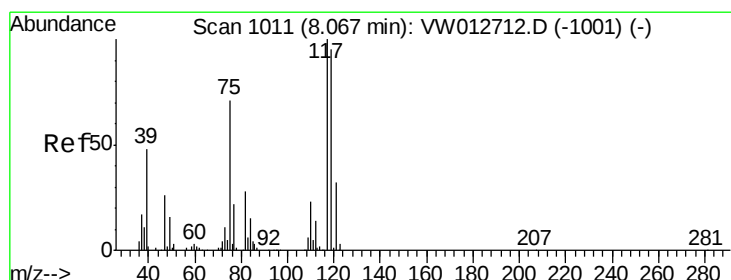
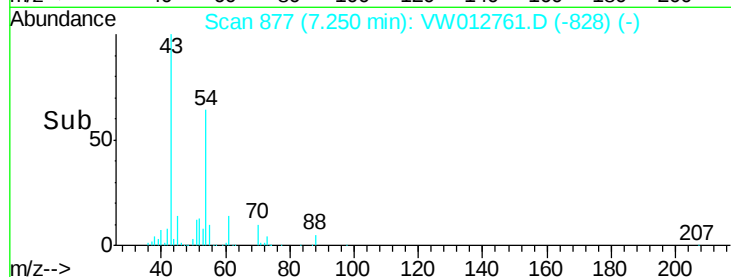
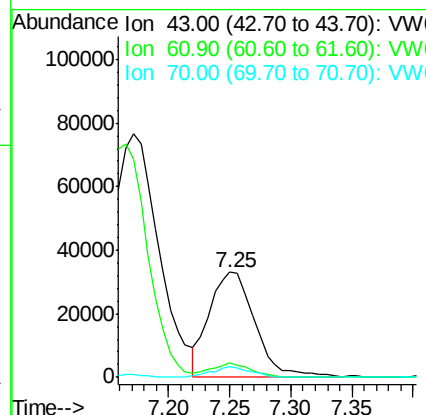
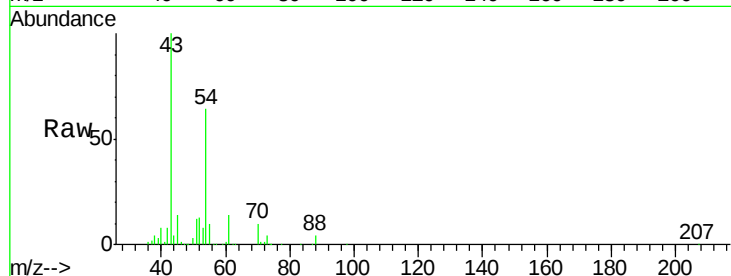
#37
Ethyl Acetate
Concen: 44.896 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.5	14.3
70	9.1	7.0	10.6

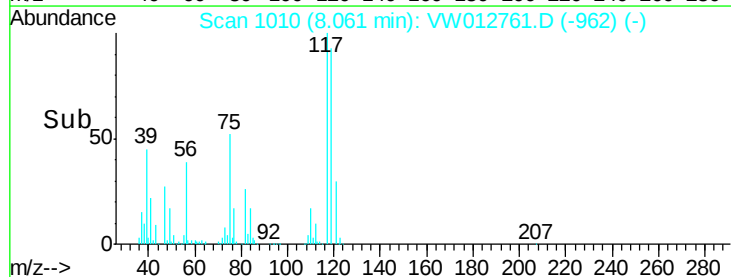
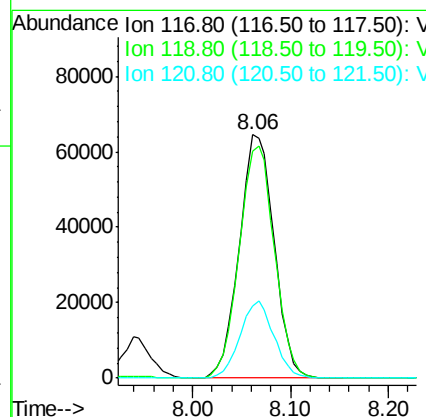
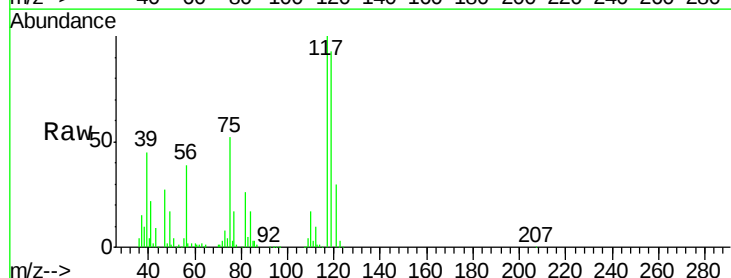
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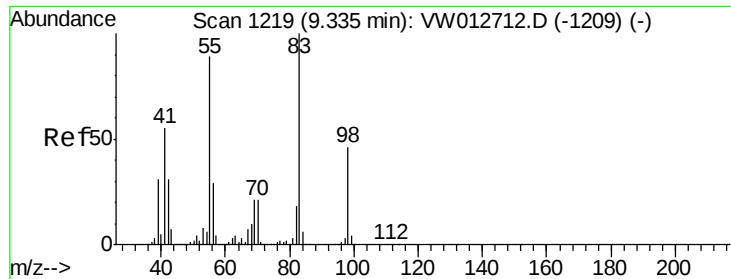
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#38
Carbon Tetrachloride
Concen: 54.792 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.2	114.2
121	29.8	25.4	38.2





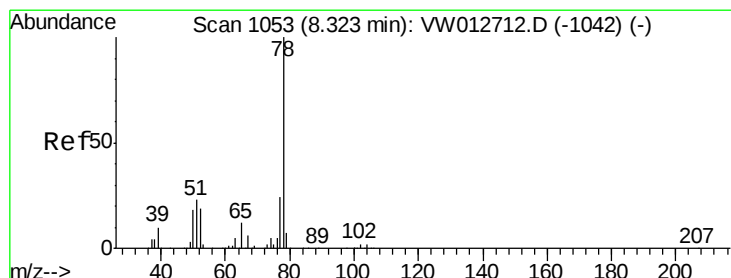
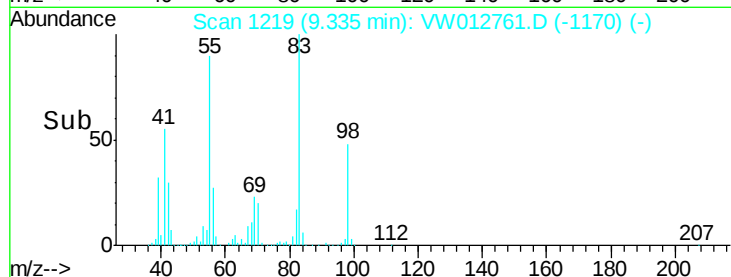
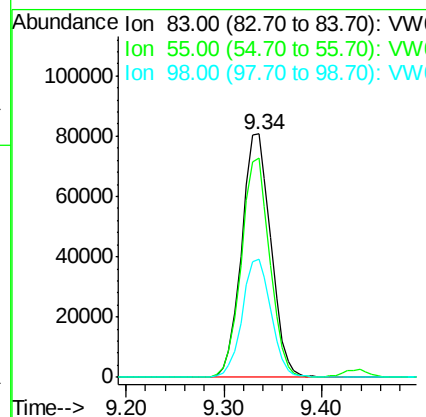
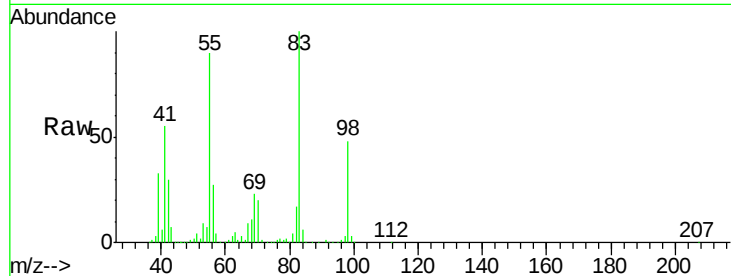
#39
Methvlcvclohexane
Concen: 50.574 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	168058		
55	90.1	71.0	106.4	
98	48.3	36.9	55.3	

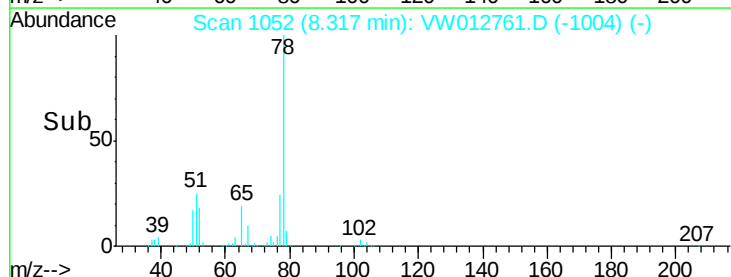
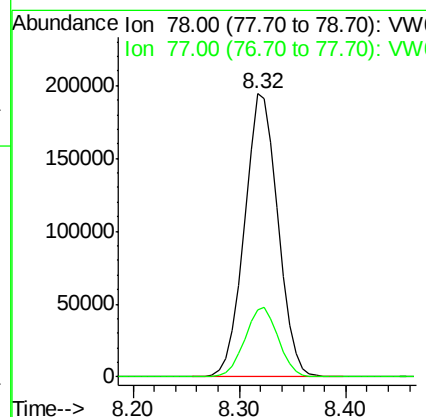
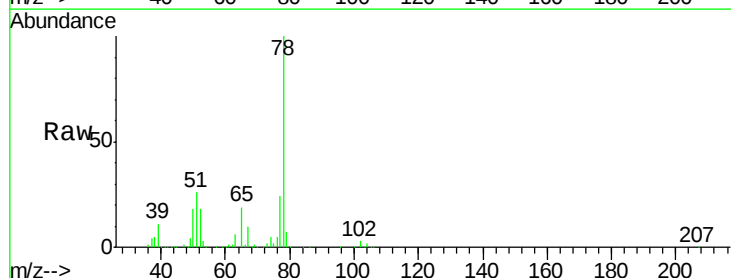
Manual Integrations
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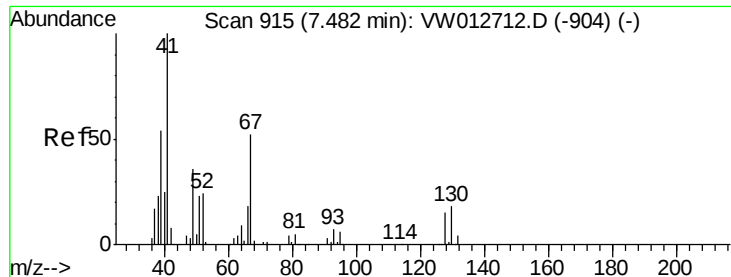
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#40
Benzene
Concen: 52.210 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	428589		
77	23.6	19.3	28.9	





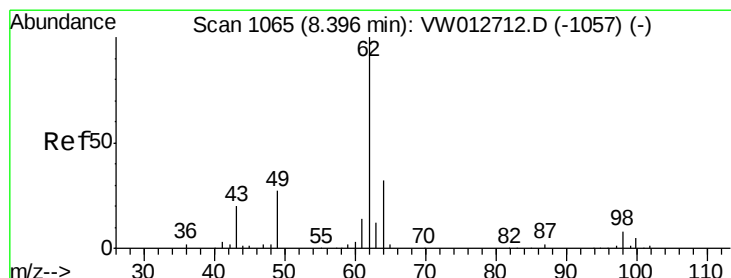
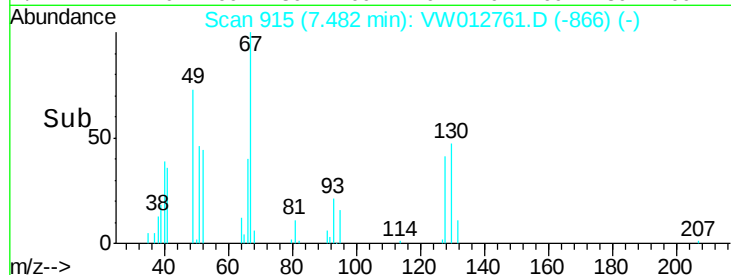
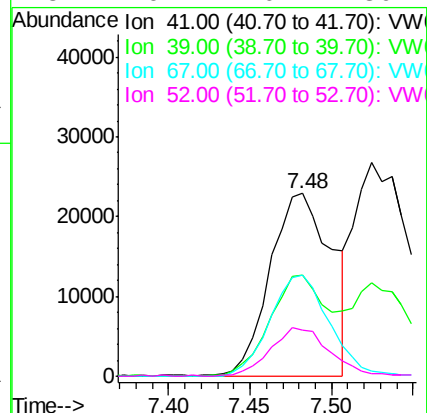
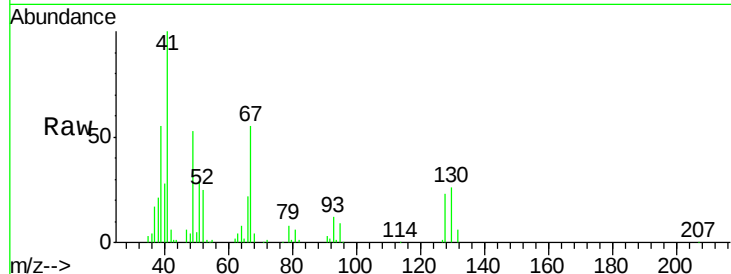
#41
Methacrylonitrile
Concen: 46.892 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41.00	100	59790		
39	39.00	49.6		47.5	71.3
67	67.00	53.4		45.1	67.7
52	52.00	26.1		20.2	30.2

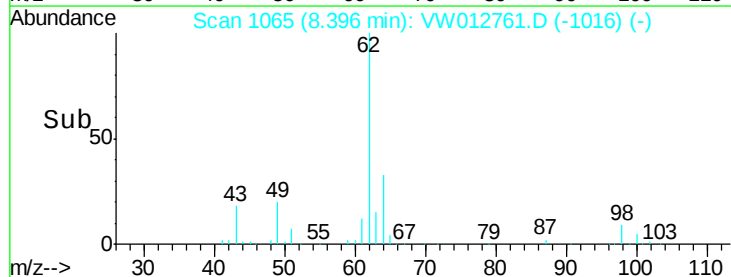
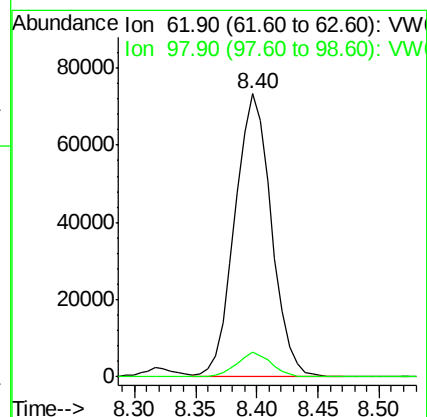
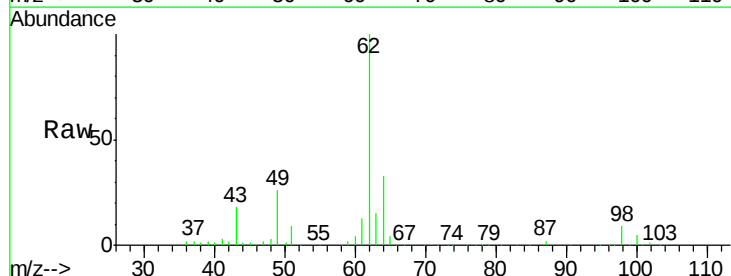
Manual Integrations
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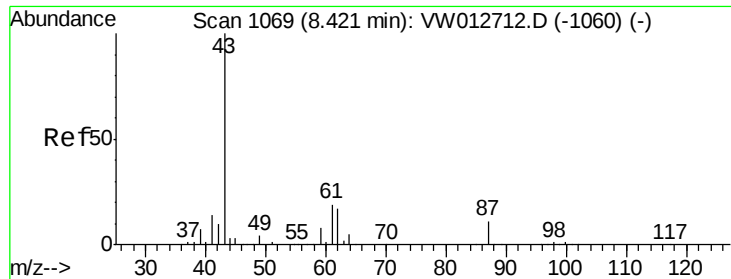
MMDadoda
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#42
1,2-Dichloroethane
Concen: 52.544 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62.00	100	151803		
98	98.00	8.1		0.0	16.2





#43

Isopropyl Acetate

Concen: 45.317 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

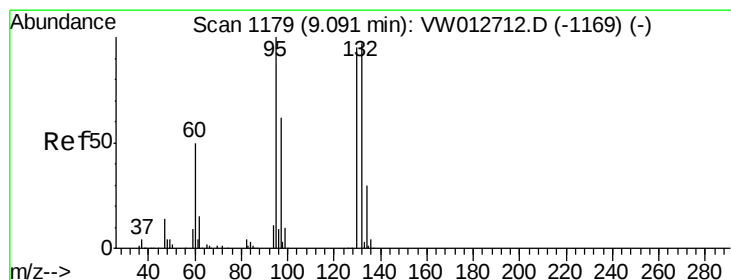
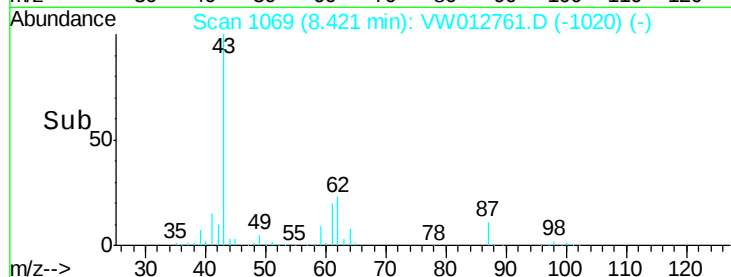
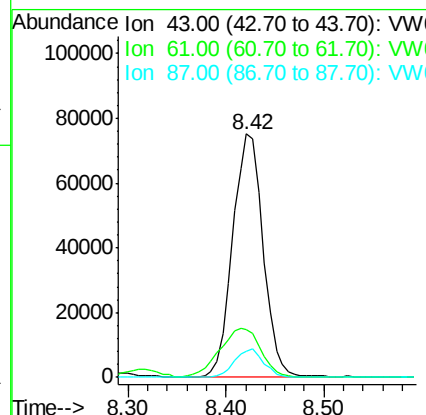
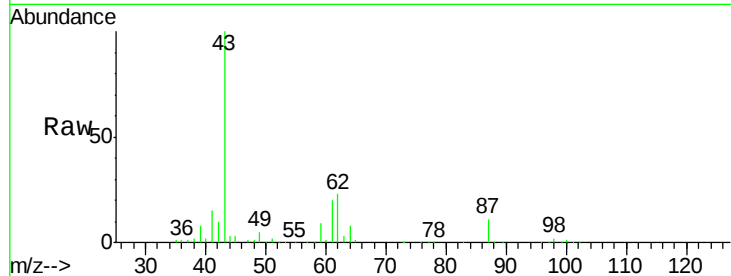
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	161934
Ion	Ratio	Lower	Upper
43	100		
61	27.3	20.6	30.8
87	11.1	8.6	13.0

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#44

Trichloroethene

Concen: 50.742 ug/l

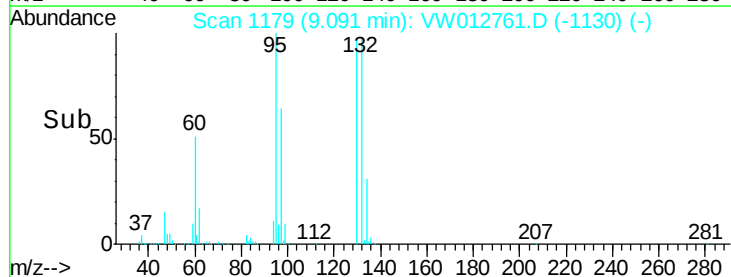
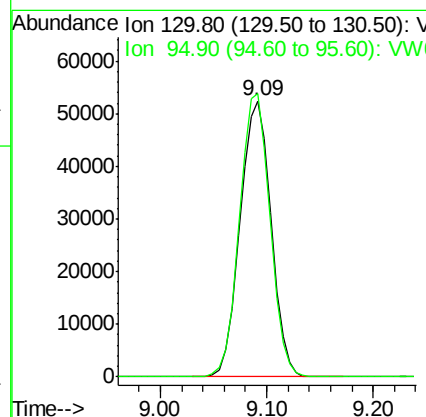
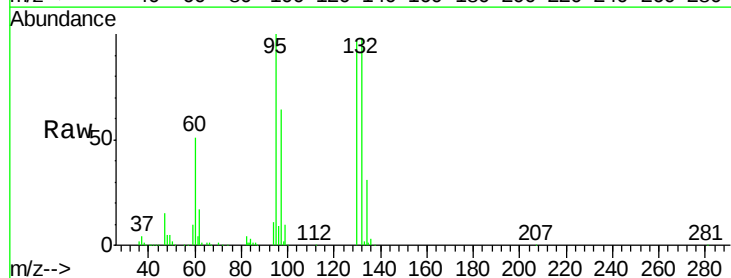
RT: 9.09 min Scan# 1179

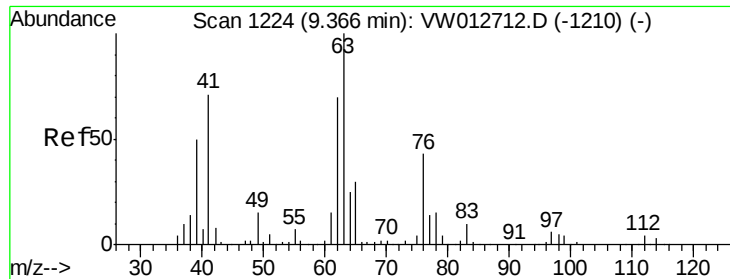
Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Tgt Ion:	130	Resp:	107372
Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	210.6





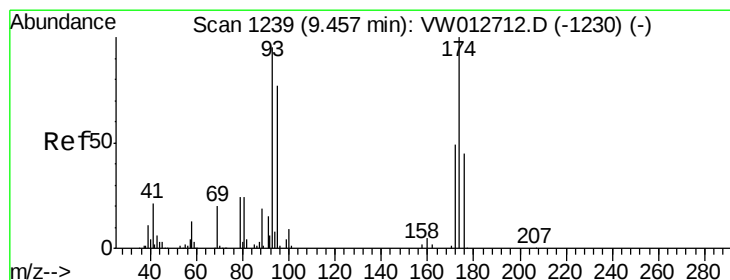
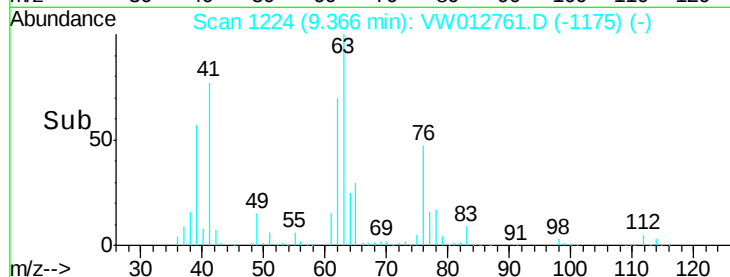
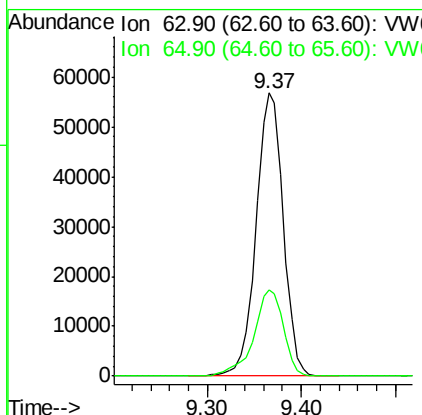
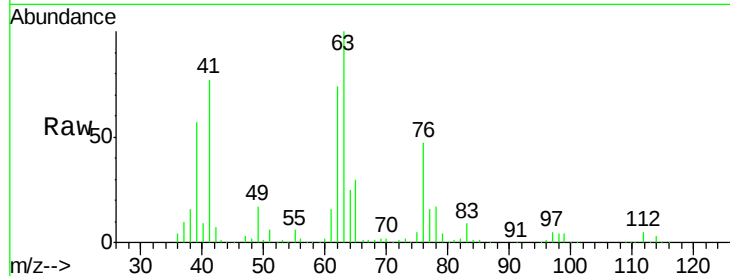
#45
 1,2-Dichloropropane
 Concen: 50.465 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 114899
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.8 35.8

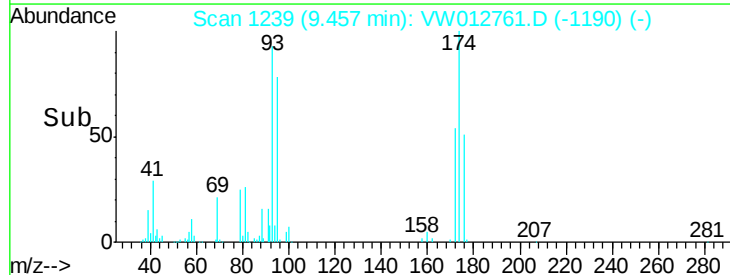
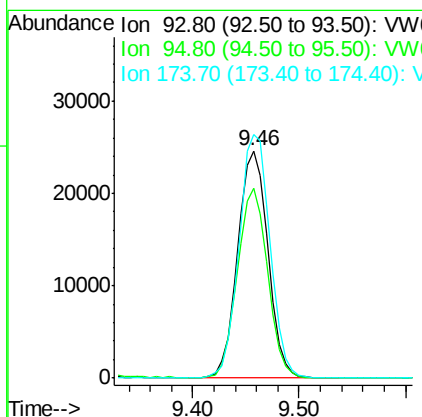
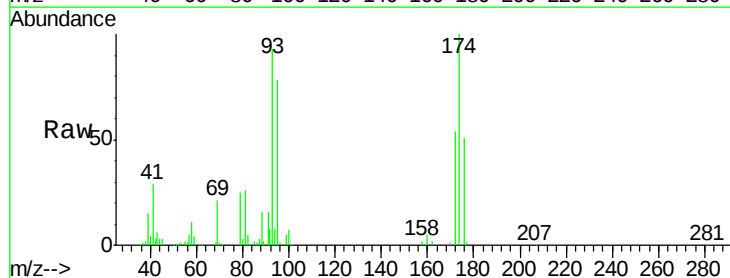
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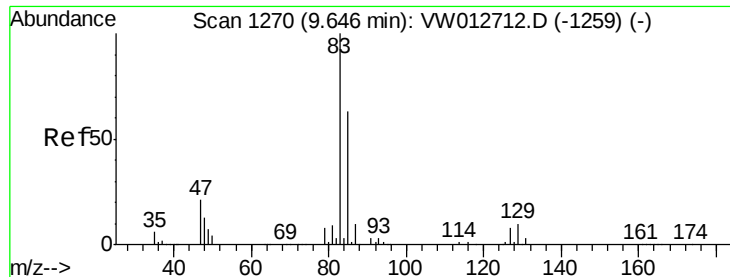
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#46
 Dibromomethane
 Concen: 45.763 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion: 93 Resp: 49339
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.2 97.8
 174 109.6 84.2 126.4





#47

Bromodichloromethane

Concen: 52.910 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

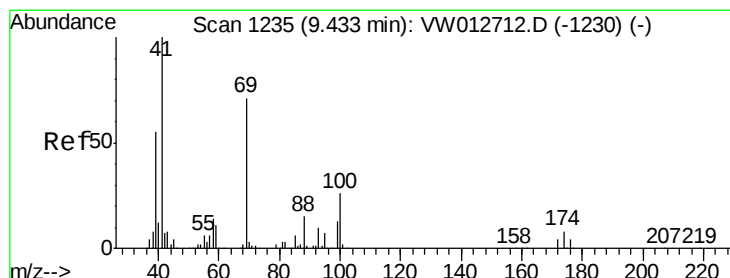
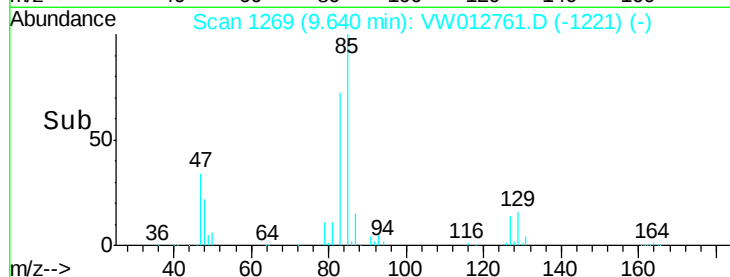
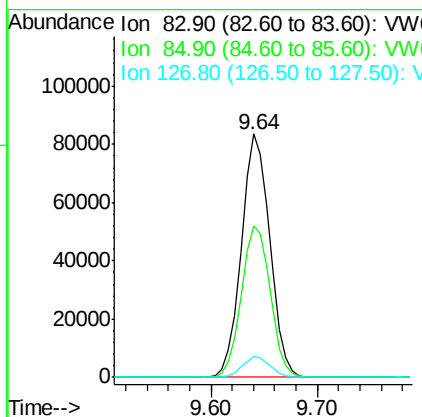
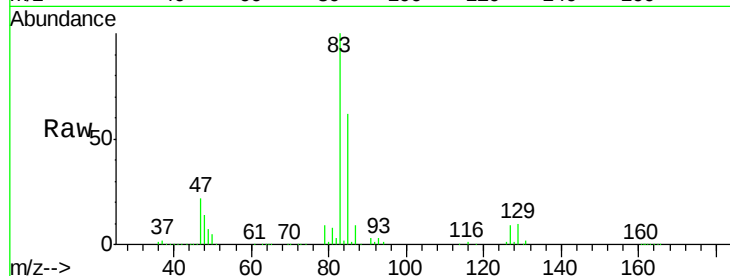
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	156944
Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.2	75.2
127	8.7	6.6	9.8

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#48

Methyl methacrylate

Concen: 42.011 ug/l

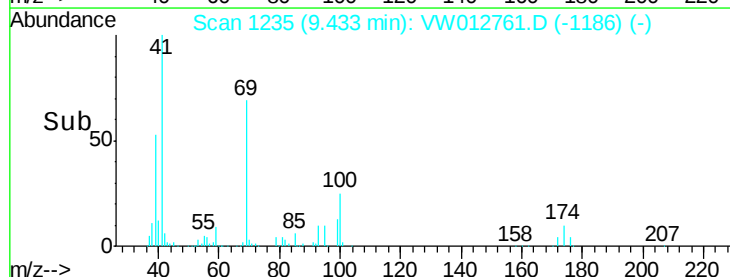
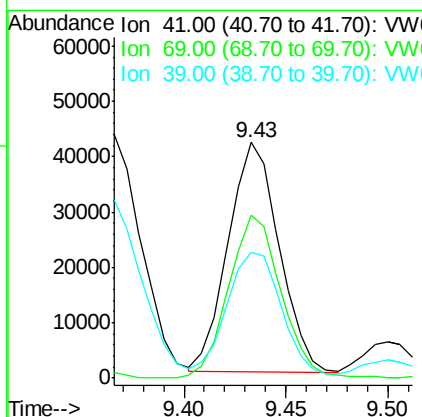
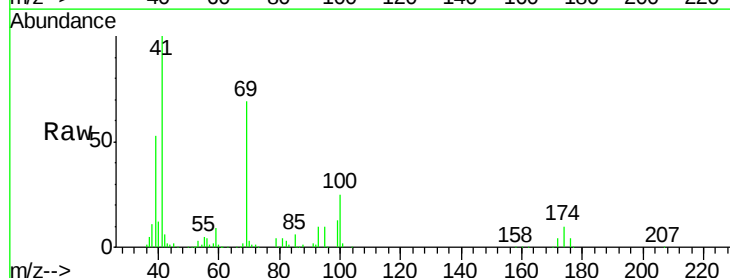
RT: 9.43 min Scan# 1235

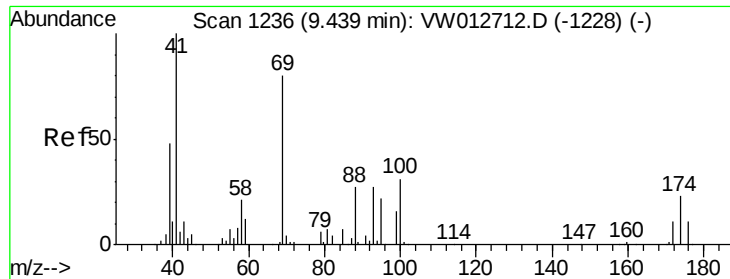
Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Tgt Ion:	41	Resp:	71740
Ion	Ratio	Lower	Upper
41	100		
69	73.9	59.8	89.8
39	59.5	47.0	70.6





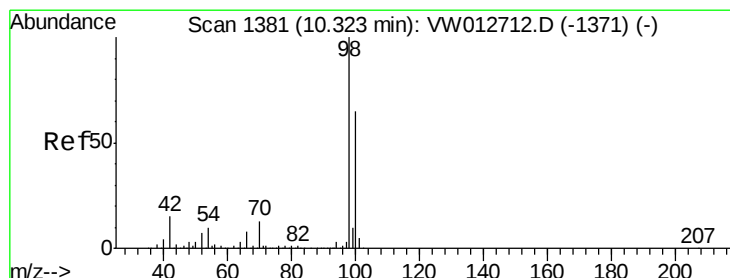
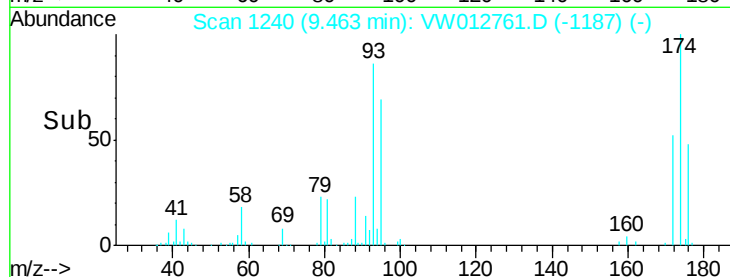
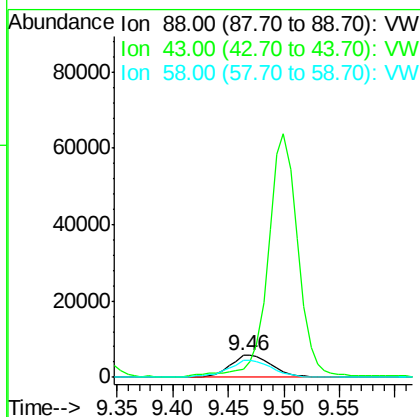
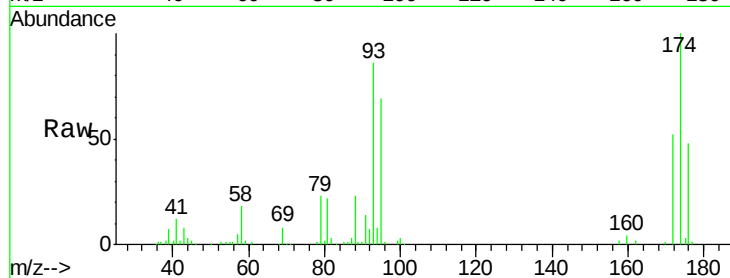
#49
1,4-Dioxane
Concen: 713.075 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	0.0	34.8	52.2	#
58	81.7	64.1	96.1	

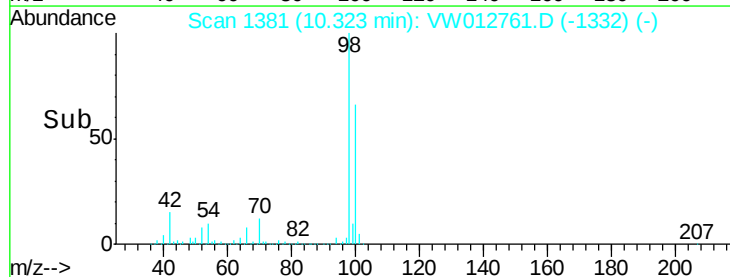
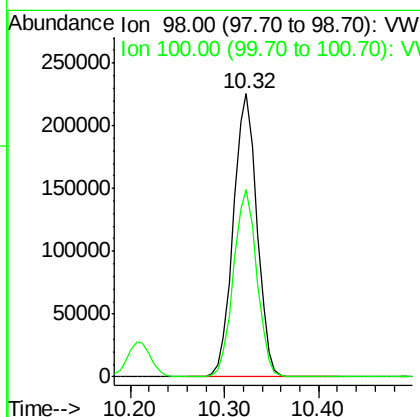
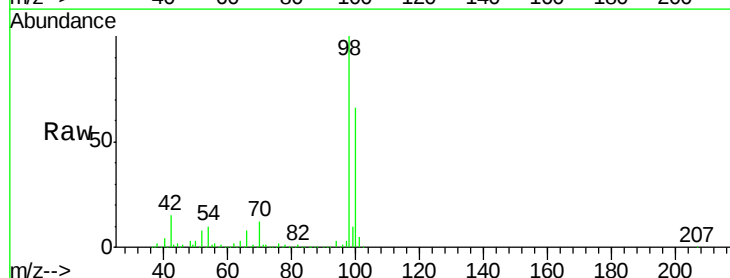
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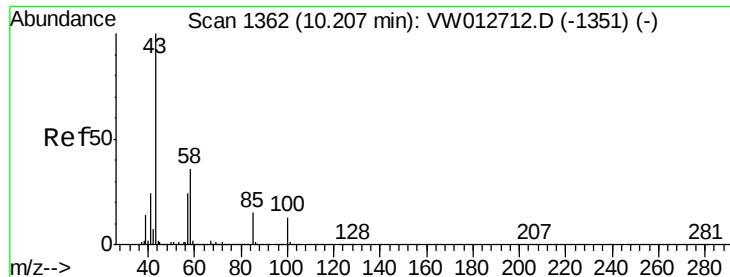
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#50
Toluene-d8
Concen: 50.553 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	65.6	52.2	78.4	





#51

4-Methyl-2-Pentanone

Concen: 200.595 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 376121

Ion Ratio Lower Upper

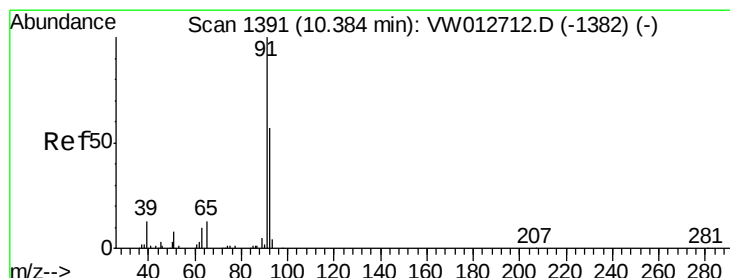
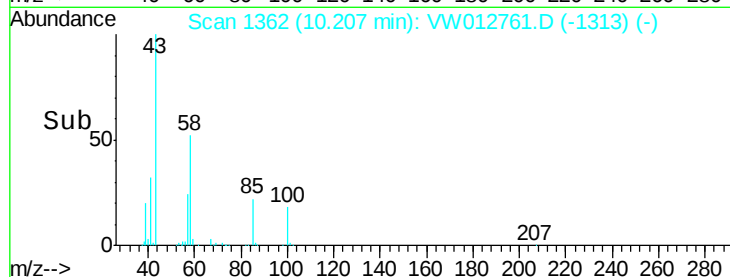
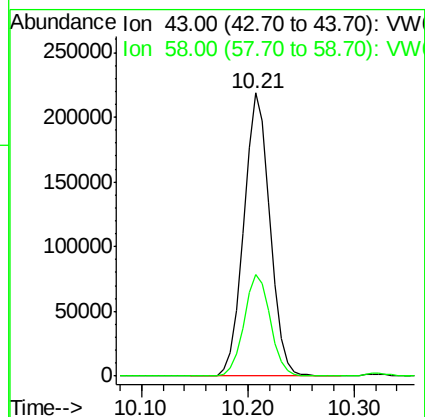
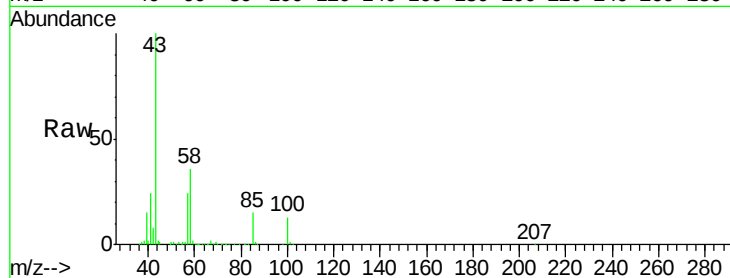
43 100

58 36.1 28.4 42.6

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#52

Toluene

Concen: 50.862 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW012761.D

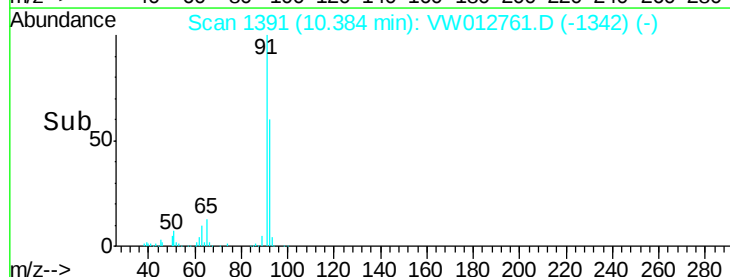
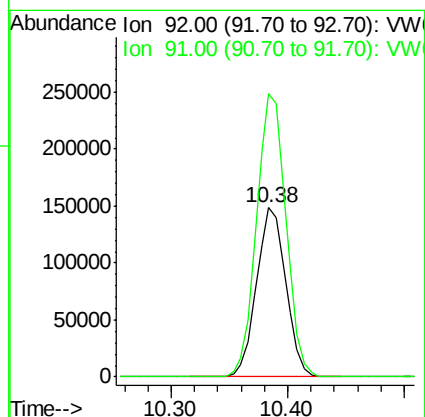
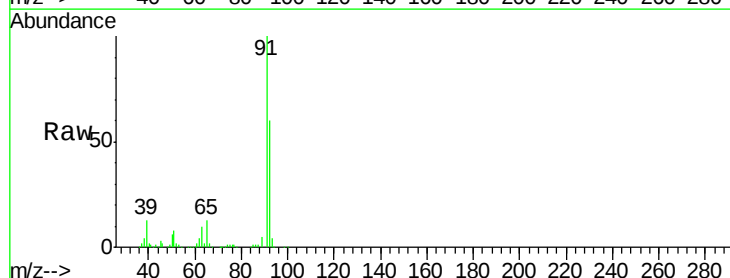
Acq: 08 Sep 2019 11:33

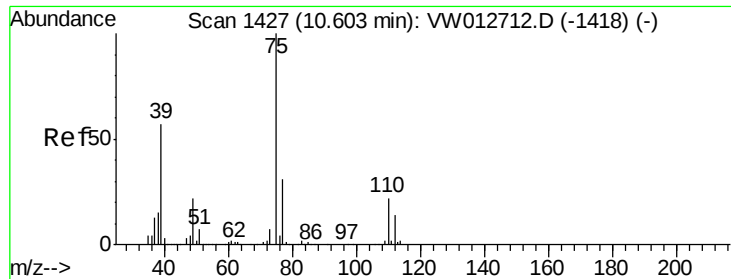
Tgt Ion: 92 Resp: 260597

Ion Ratio Lower Upper

92 100

91 169.0 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 52.911 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 161383

Ion Ratio Lower Upper

75 100

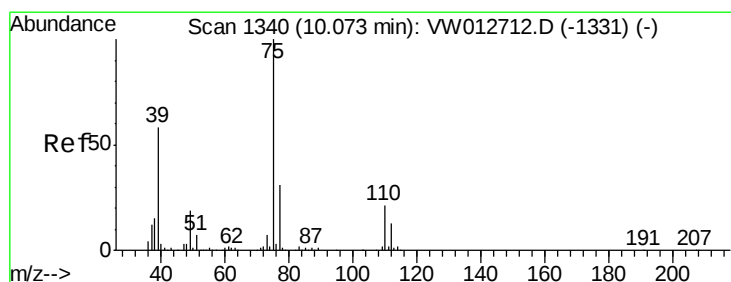
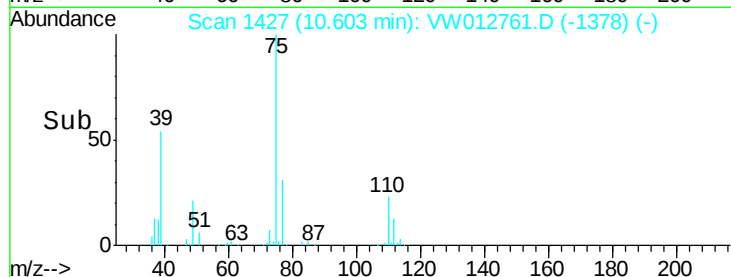
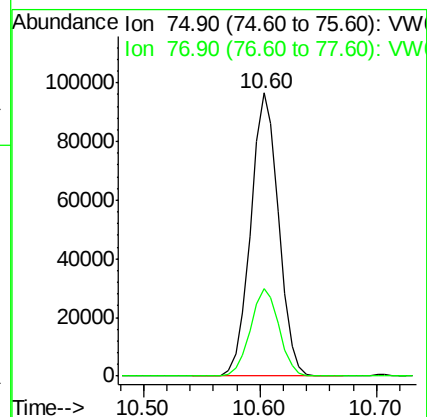
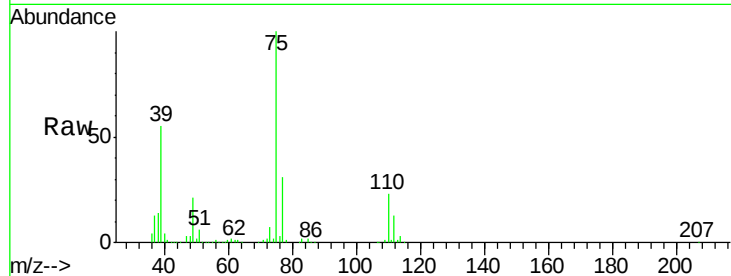
77 30.6 24.7 37.1

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#54

cis-1,3-Dichloropropene

Concen: 53.510 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

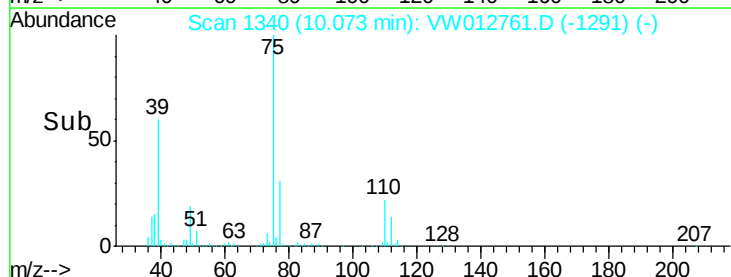
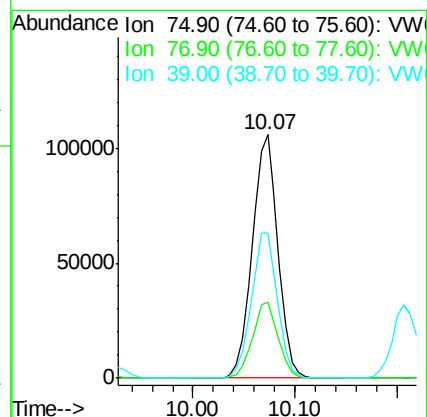
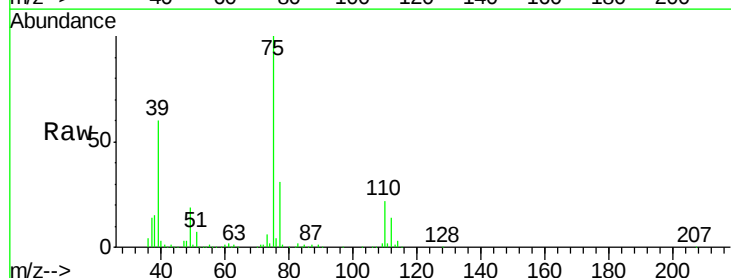
Tgt Ion: 75 Resp: 185150

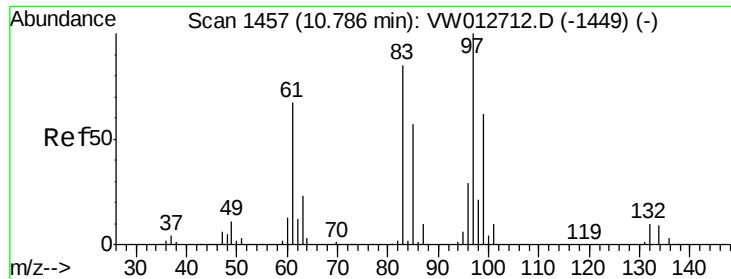
Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8

39 59.5 46.3 69.5





#55

1,1,2-Trichloroethane

Concen: 49.230 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

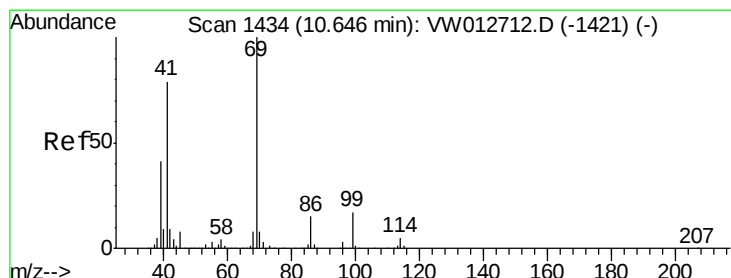
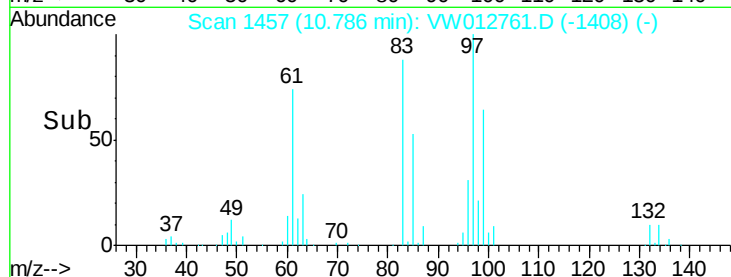
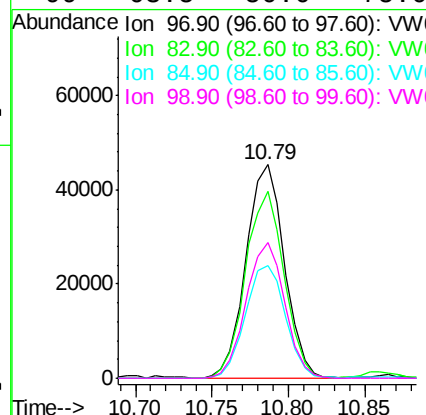
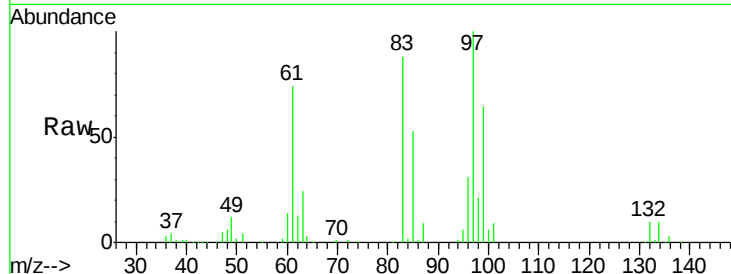
Tot Ion: 97 Resp: 79462

Ion	Ratio	Lower	Upper
97	100		
83	87.5	68.1	102.1
85	53.0	45.3	67.9
99	63.5	50.0	75.0

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#56

Ethyl methacrylate

Concen: 48.690 ug/l

RT: 10.65 min Scan# 1434

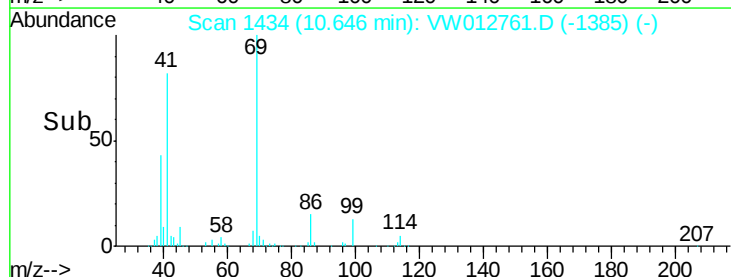
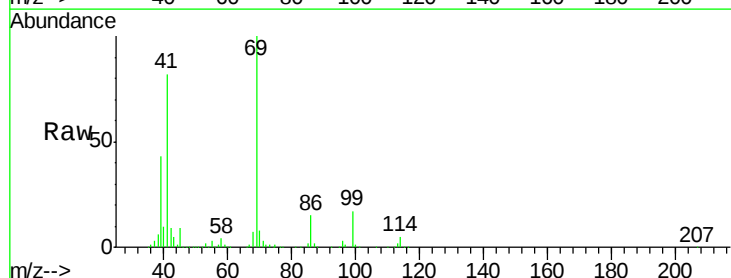
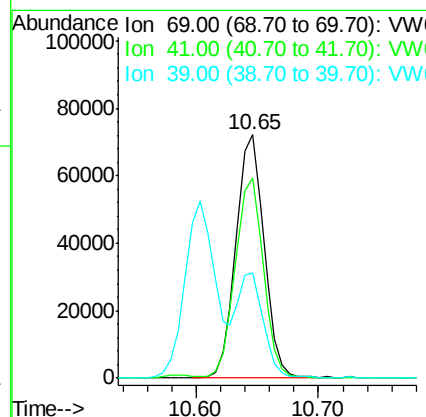
Delta R.T. -0.00 min

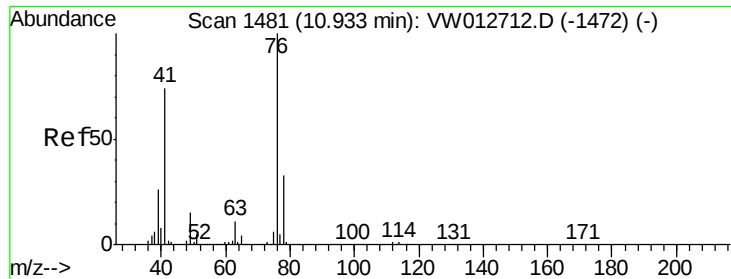
Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Tgt Ion: 69 Resp: 115041

Ion	Ratio	Lower	Upper
69	100		
41	81.9	64.4	96.6
39	38.8	31.1	46.7





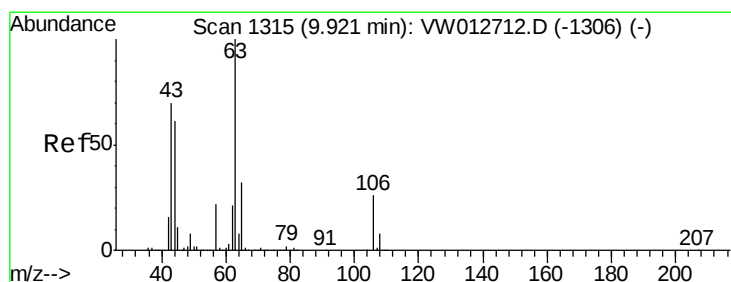
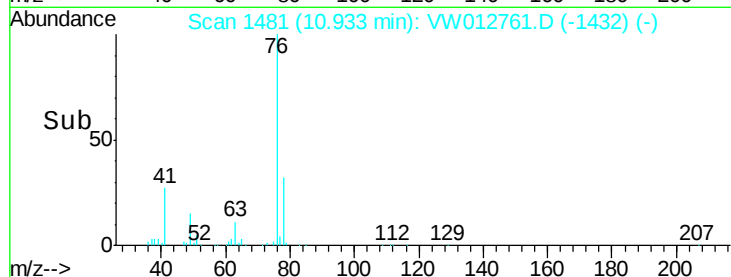
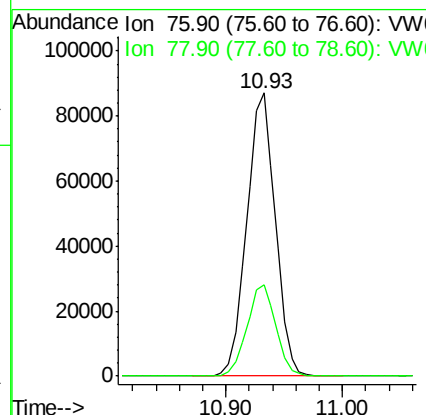
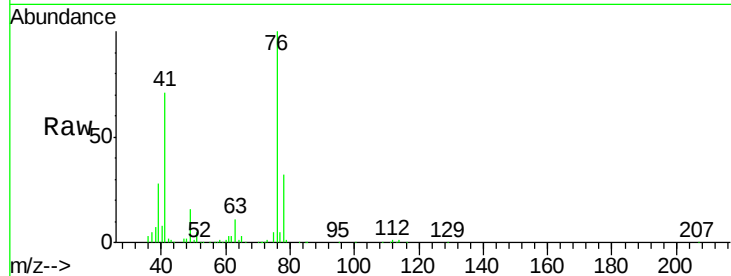
#57
 1,3-Dichloropropane
 Concen: 49.897 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.9	38.9

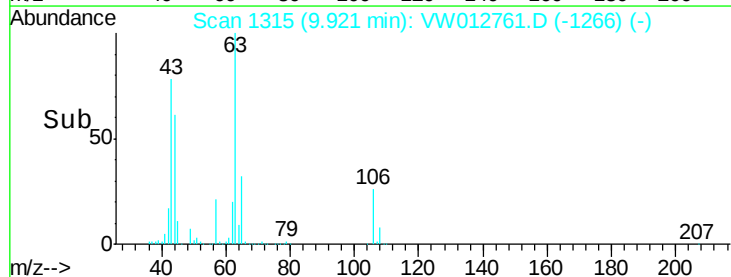
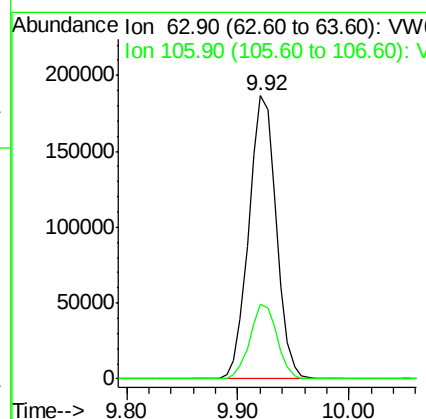
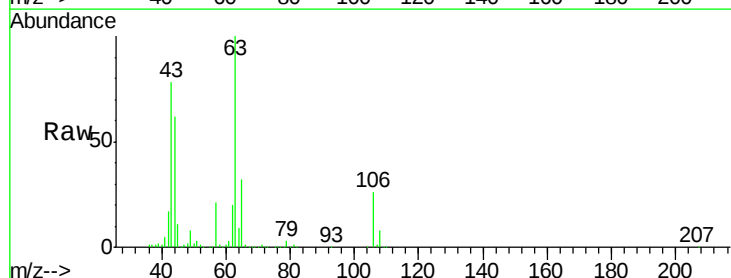
Manual Integrations
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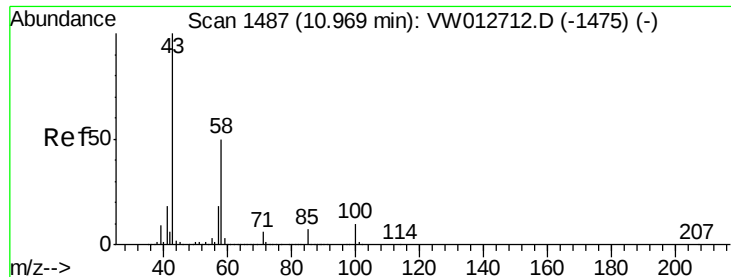
MMDadoda
 9/9/2019 11:25:43 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.784 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.2	20.5	30.7





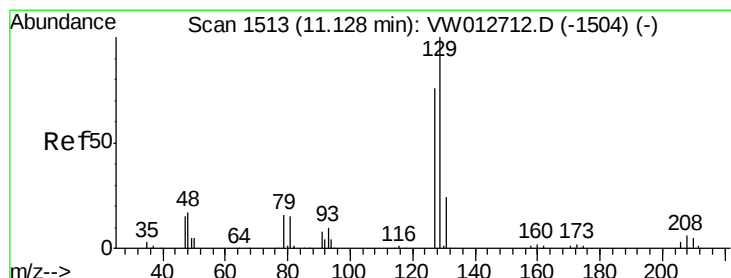
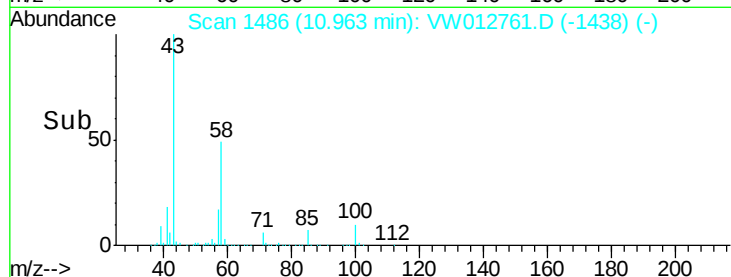
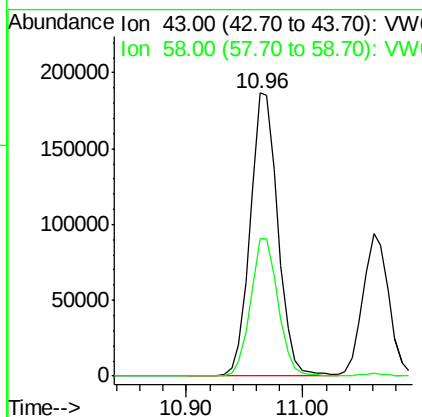
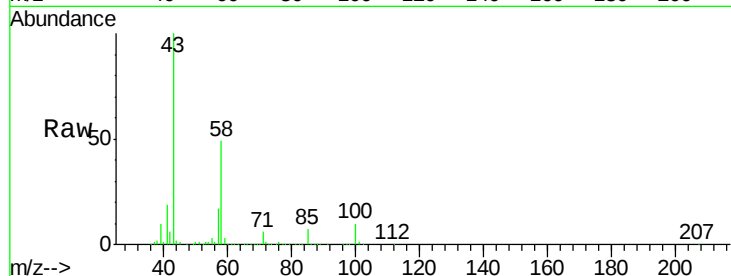
#59
2-Hexanone
Concen: 225.709 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 309191
Ion Ratio Lower Upper
43 100
58 48.8 24.7 74.1

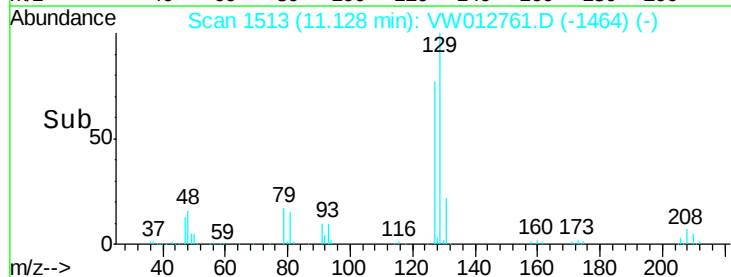
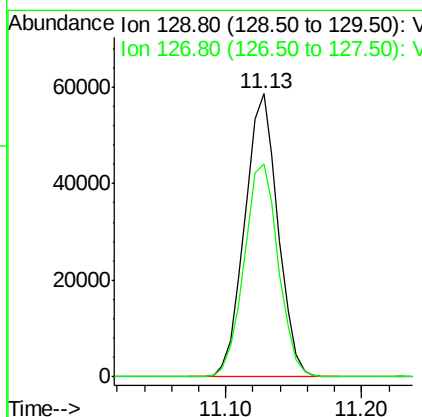
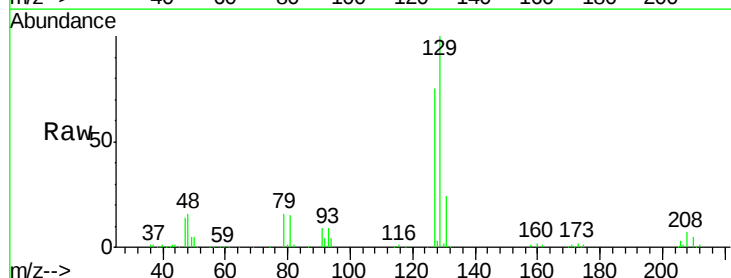
Manual Integrations
APPROVED

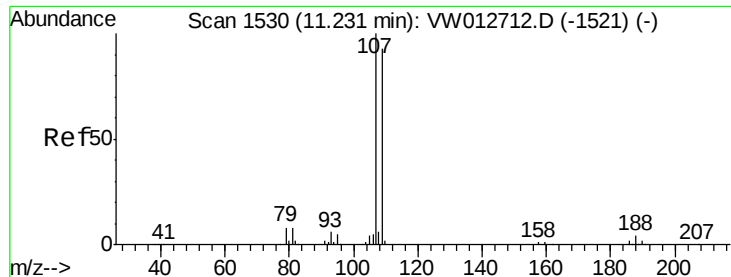
MMDadoda
9/9/2019 11:25:43 AM



#60
Dibromochloromethane
Concen: 52.751 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion: 129 Resp: 100139
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





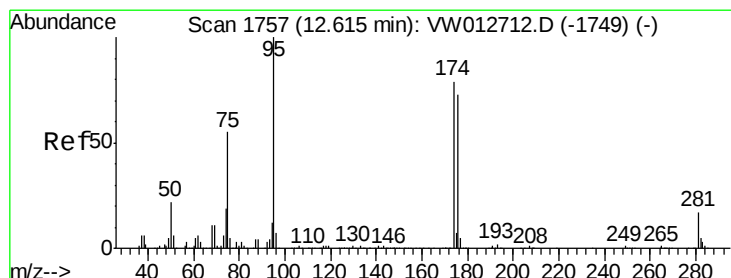
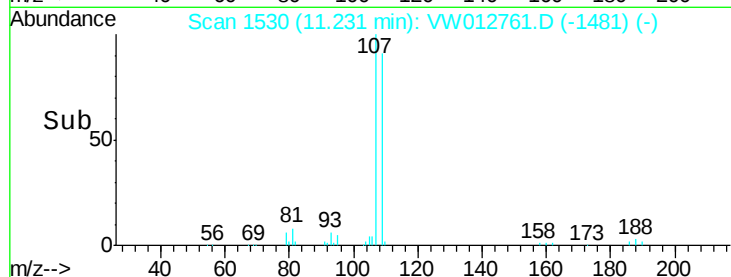
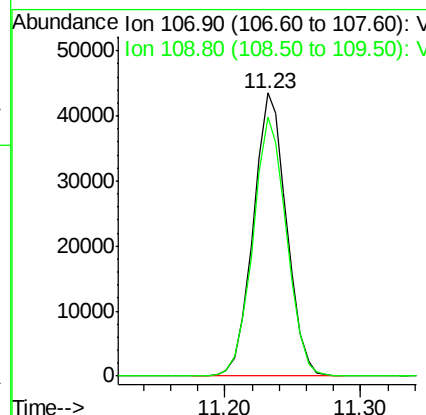
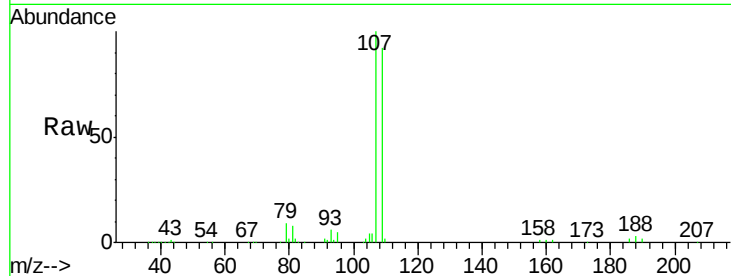
#61
 1,2-Dibromoethane
 Concen: 50.285 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		74412		
109	92.5	75.0	112.6		

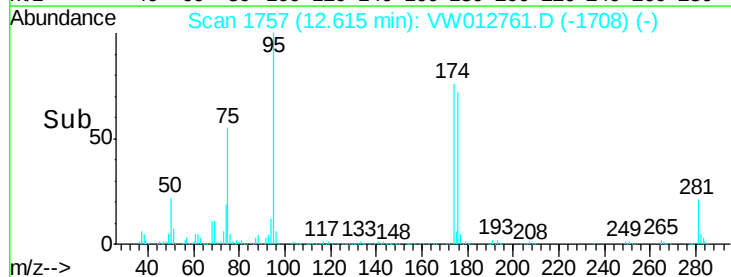
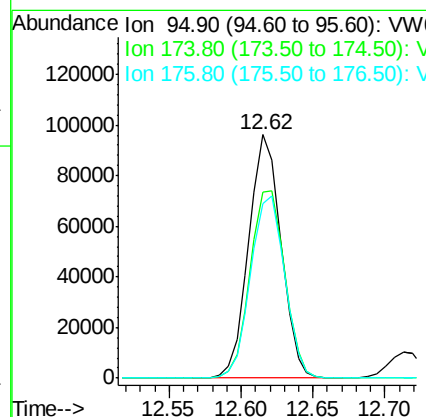
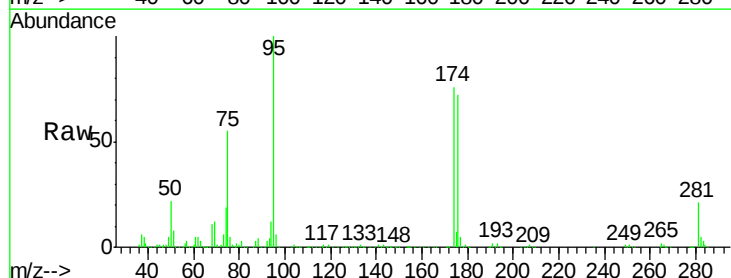
Manual Integrations
 APPROVED

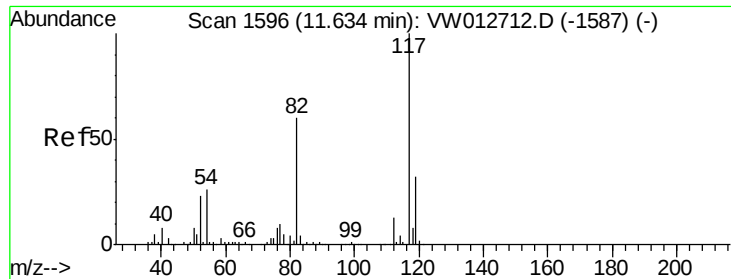
MMDadoda
 9/9/2019 11:25:43 AM



#62
 4-Bromofluorobenzene
 Concen: 52.997 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		149223		
174	82.3	0.0	161.0		
176	78.8	0.0	156.4		





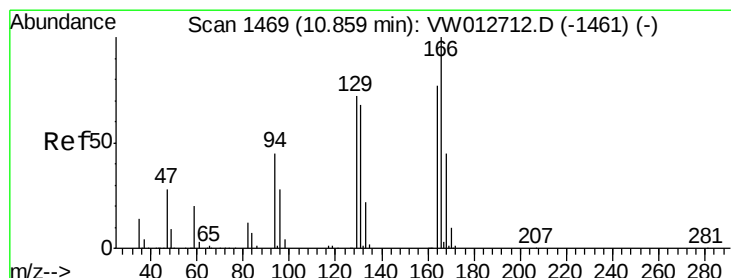
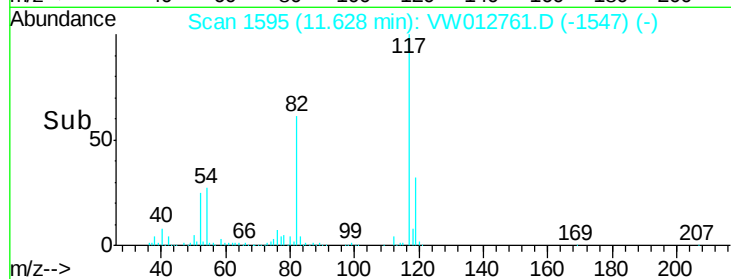
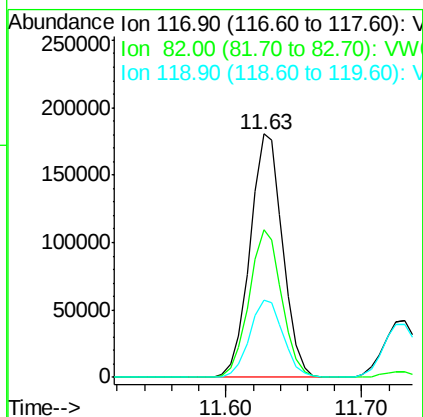
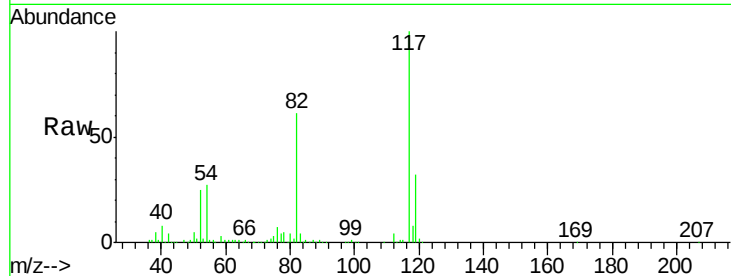
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	302775		
82	60.9	48.2	72.4	
119	31.7	25.8	38.6	

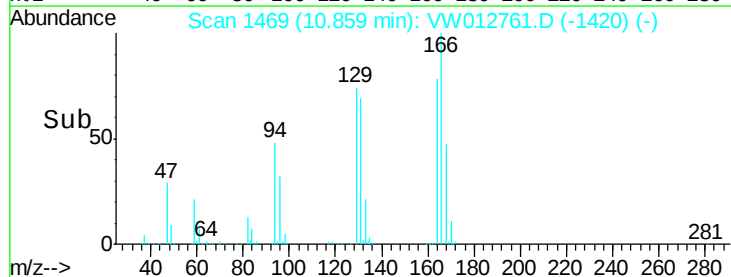
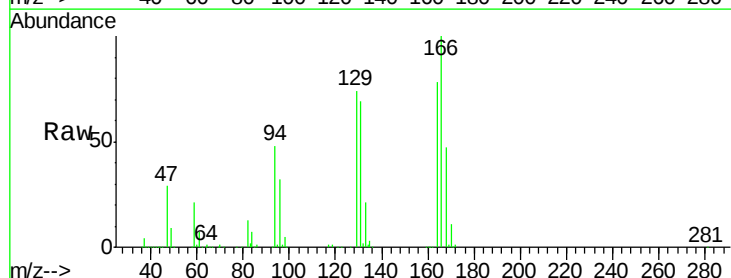
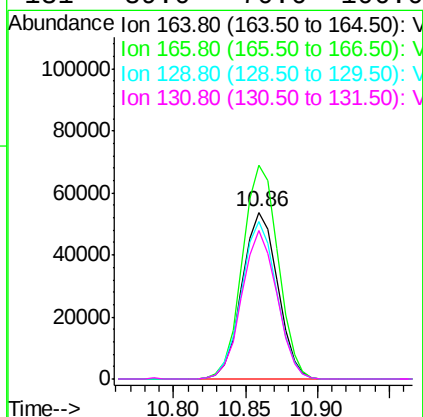
Manual Integrations
APPROVED

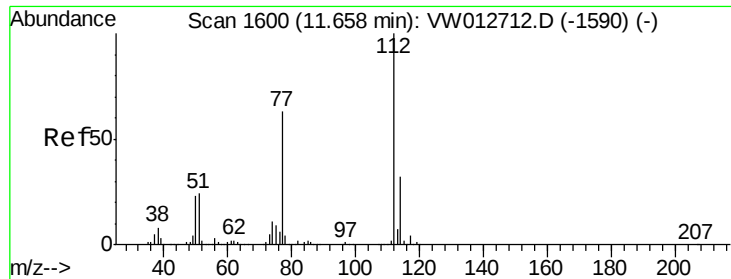
MMDadoda
9/9/2019 11:25:43 AM



#64
Tetrachloroethene
Concen: 50.122 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	92083		
166	128.2	103.6	155.4	
129	94.8	74.6	112.0	
131	89.0	70.6	106.0	





#65

Chlorobenzene

Concen: 50.286 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 287763

Ion Ratio Lower Upper

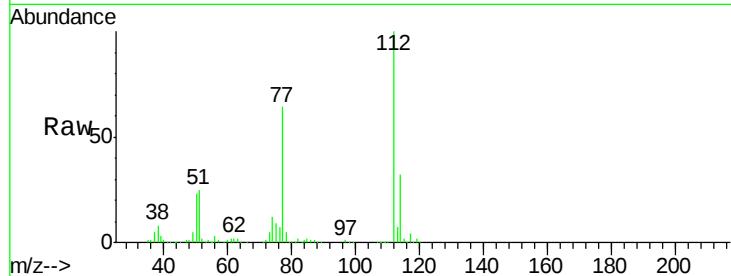
112 100

114 31.8 25.3 37.9

Manual Integrations
APPROVED

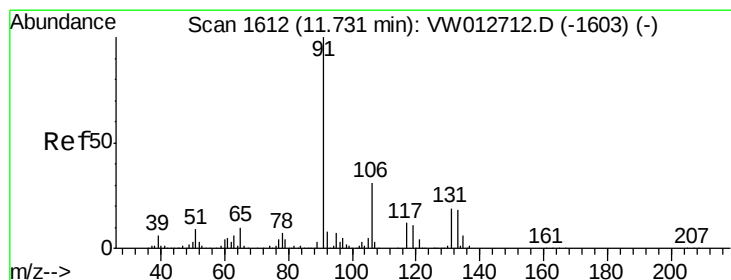
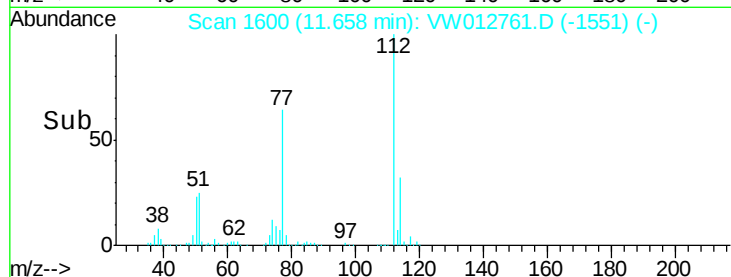
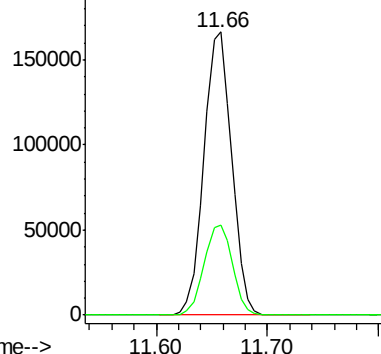
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.547 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

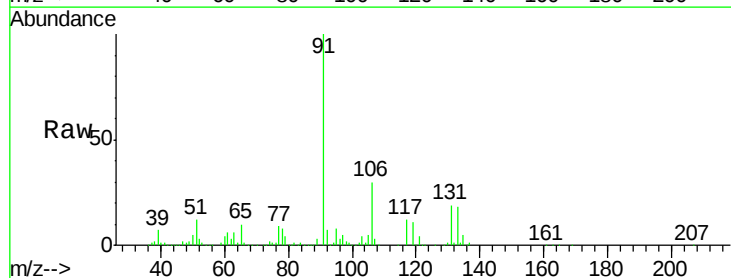
Tgt Ion:131 Resp: 111982

Ion Ratio Lower Upper

131 100

133 94.3 47.6 142.8

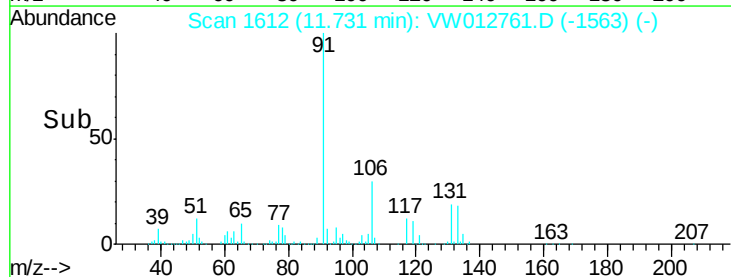
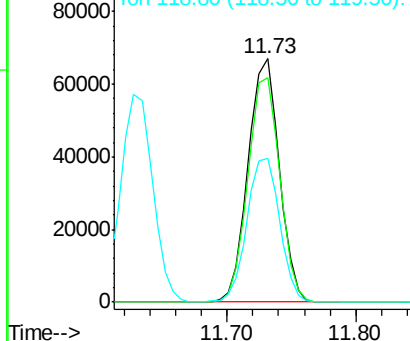
119 62.0 30.6 92.0

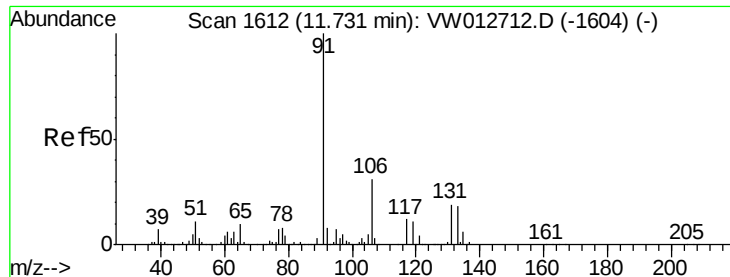


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





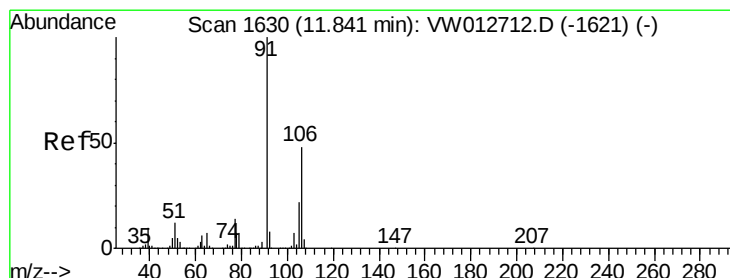
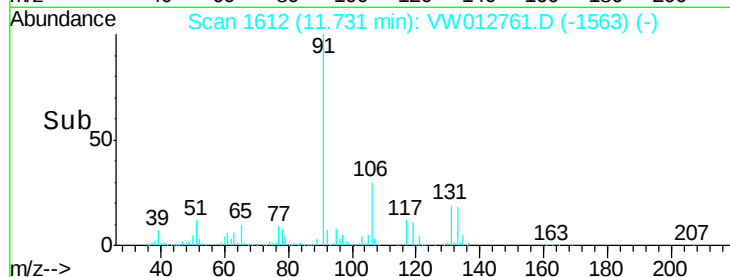
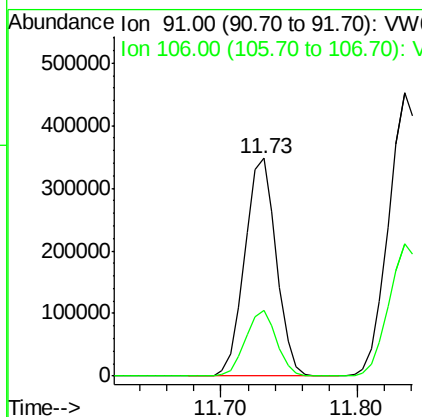
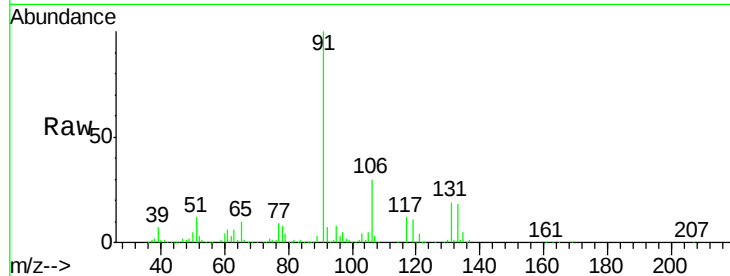
#67
Ethyl Benzene
Concen: 52.515 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 563840
Ion Ratio Lower Upper
91 100
106 30.0 24.4 36.6

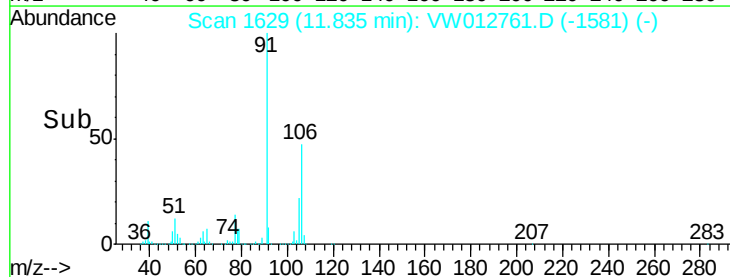
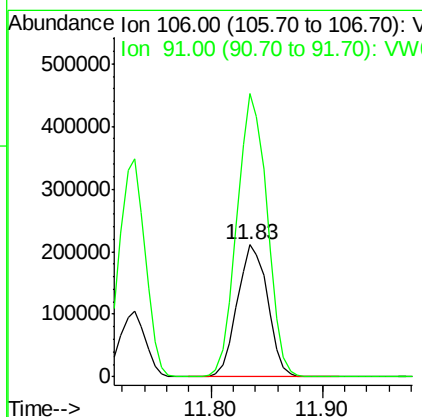
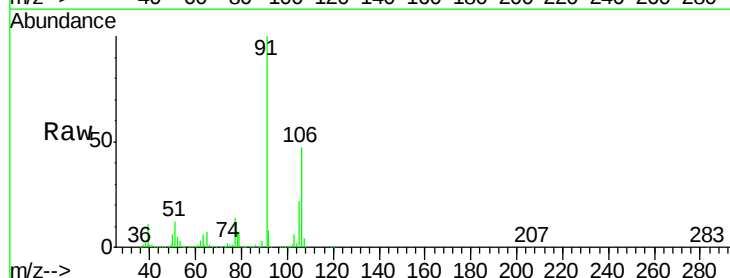
Manual Integrations
APPROVED

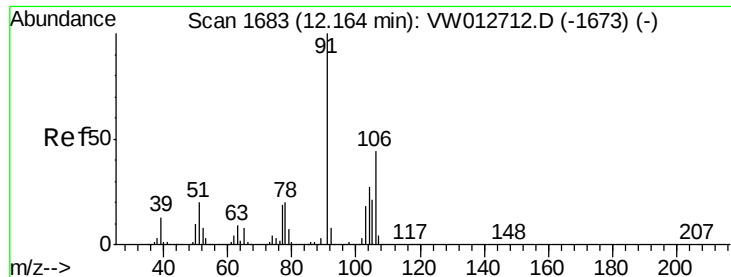
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#68
m/p-Xylenes
Concen: 102.907 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion: 106 Resp: 398817
Ion Ratio Lower Upper
106 100
91 213.0 168.2 252.4





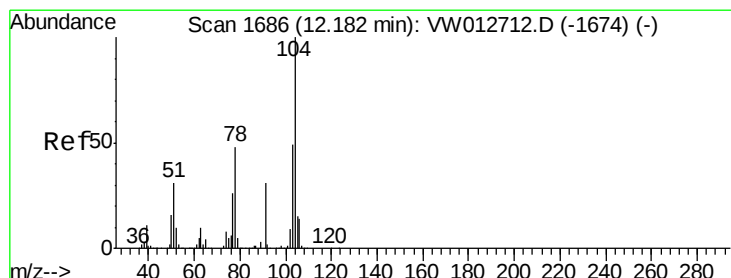
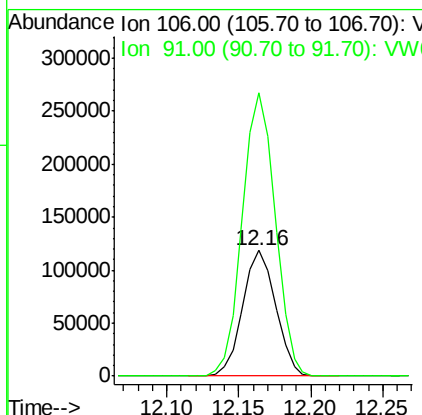
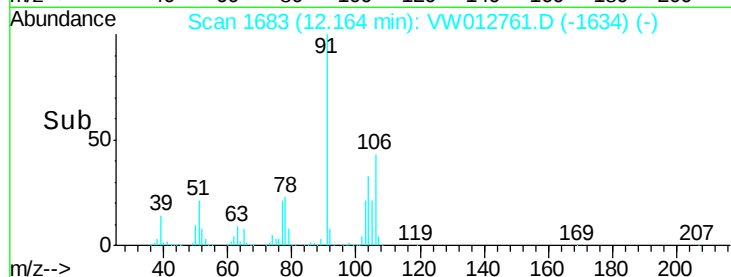
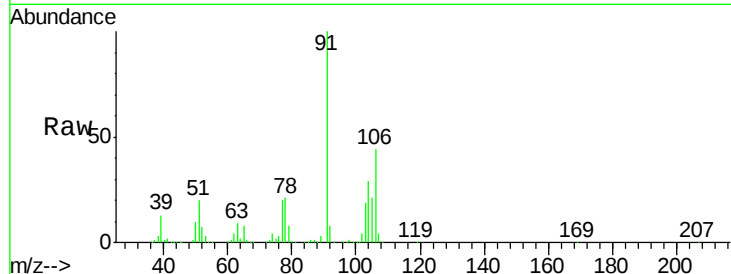
#69
o-Xylene
Concen: 51.517 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	225.0	112.3	336.8

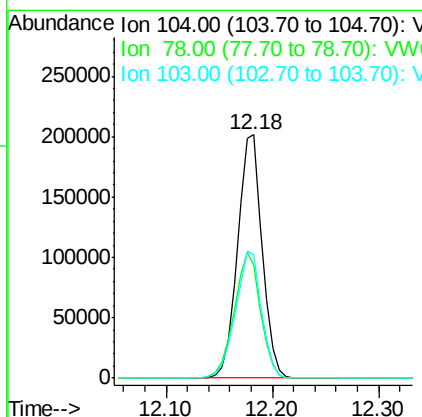
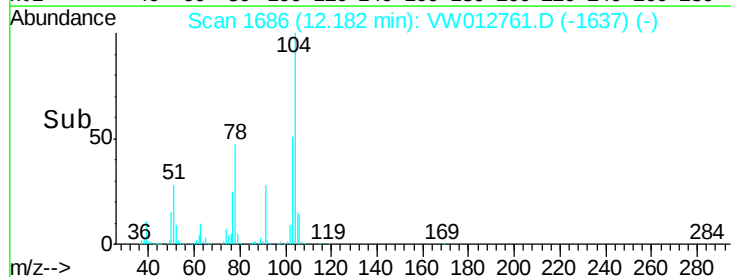
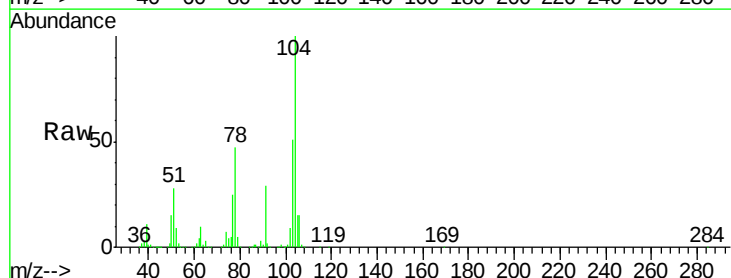
Manual Integrations
APPROVED

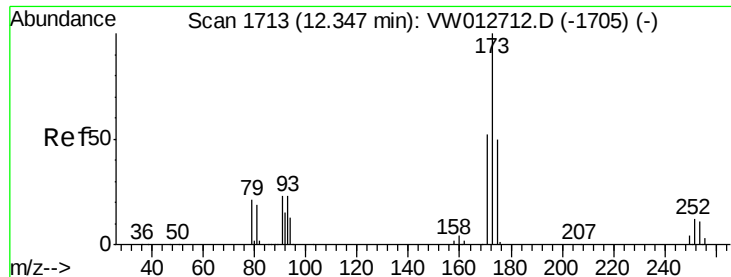
MMDadoda
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#70
Styrene
Concen: 50.510 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.2	43.3	64.9
103	55.3	44.0	66.0





#71

Bromoform

Concen: 47.076 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 55738

Ion Ratio Lower Upper

173 100

175 49.7 24.8 74.3

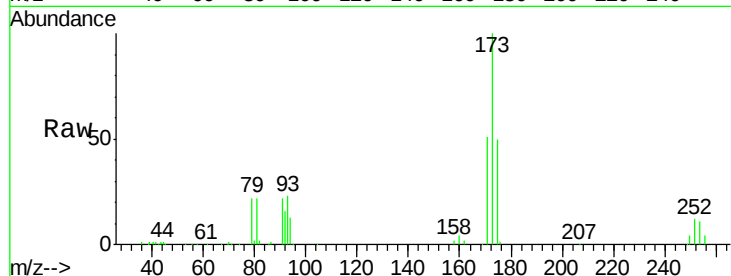
254 0.3 0.1 0.1#

Manual Integrations

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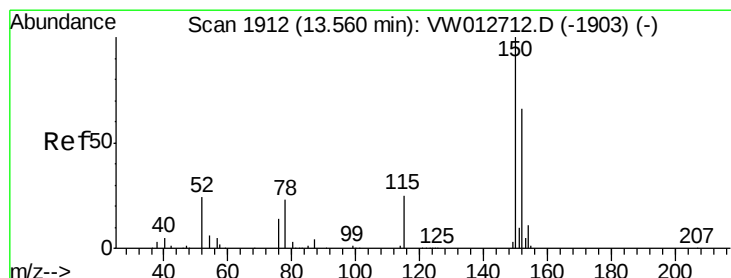
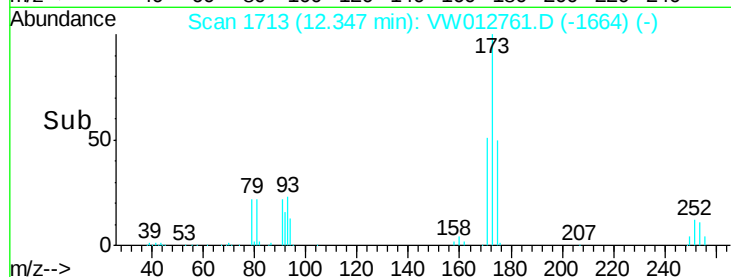
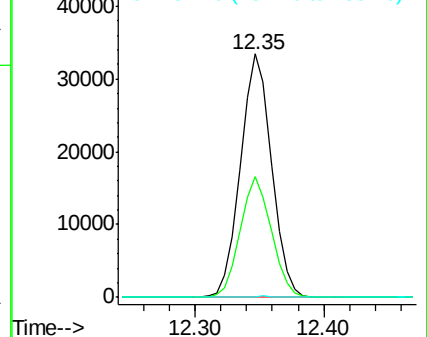
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

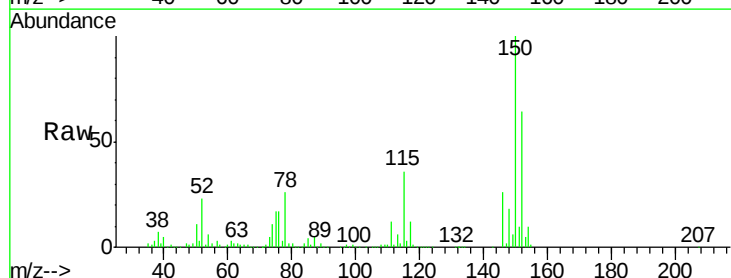
Tgt Ion:152 Resp: 147617

Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.1

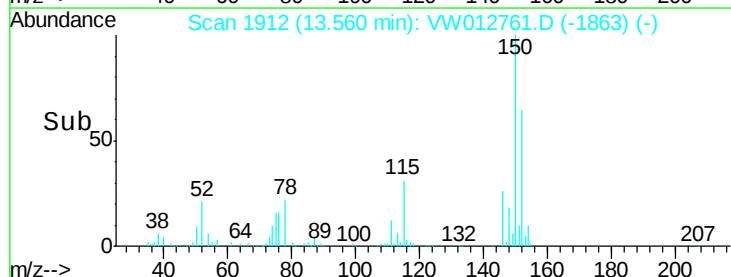
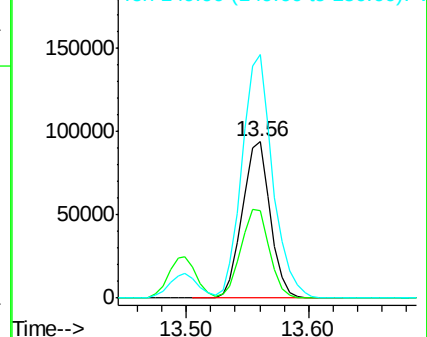
150 171.3 0.0 349.0

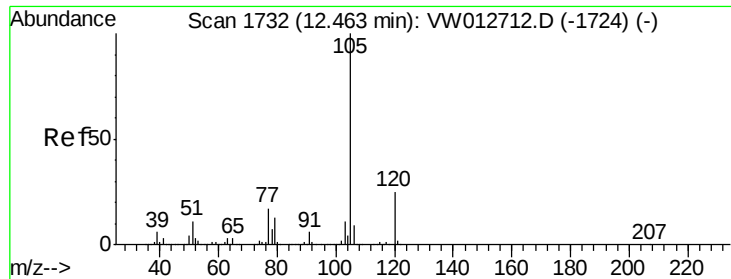


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.492 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 545168

Ion Ratio Lower Upper

105 100

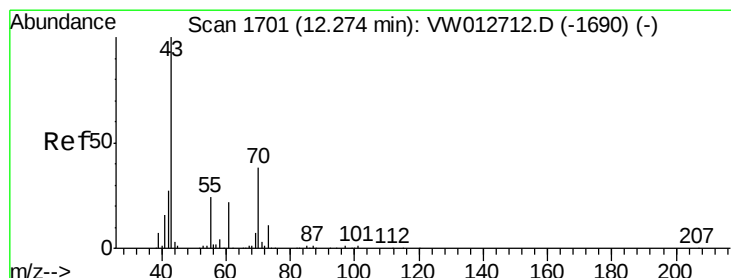
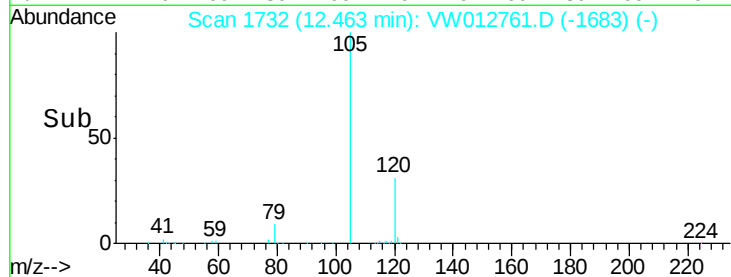
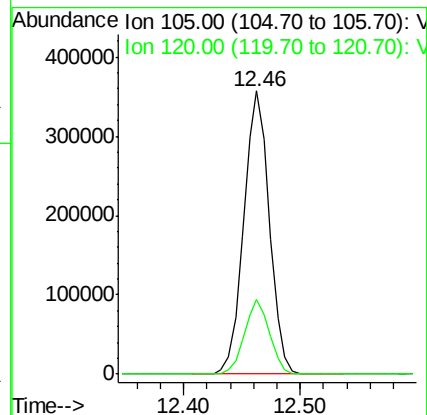
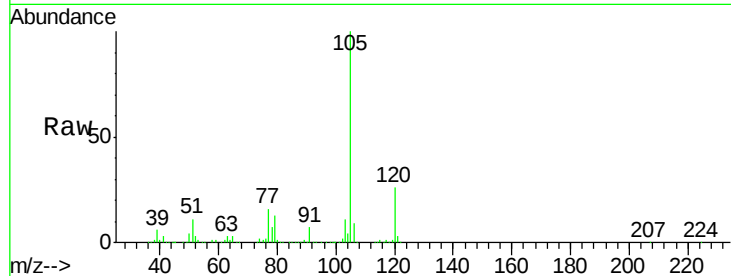
120 25.8 13.0 38.9

Manual Integrations

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#74

N-ethyl acetate

Concen: 44.558 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Tgt Ion: 43 Resp: 149744

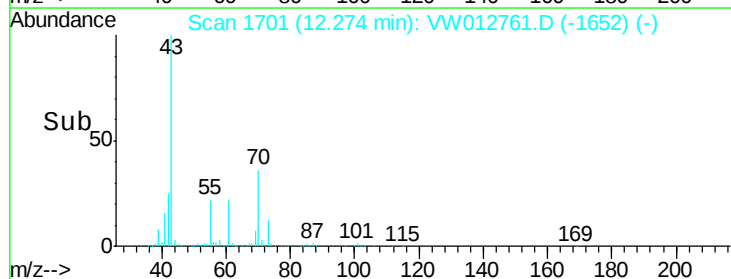
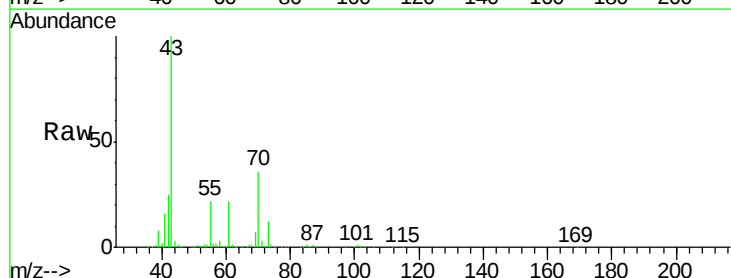
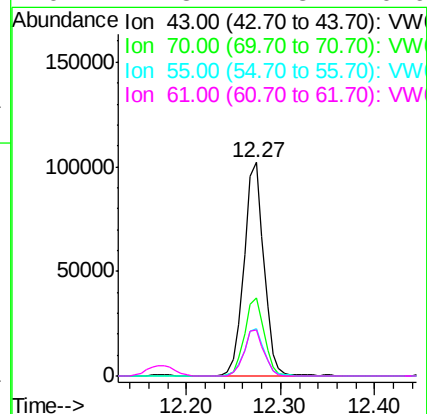
Ion Ratio Lower Upper

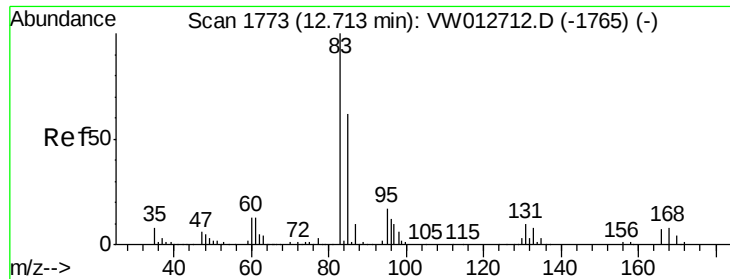
43 100

70 36.5 29.4 44.0

55 22.6 18.6 27.8

61 21.8 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.961 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

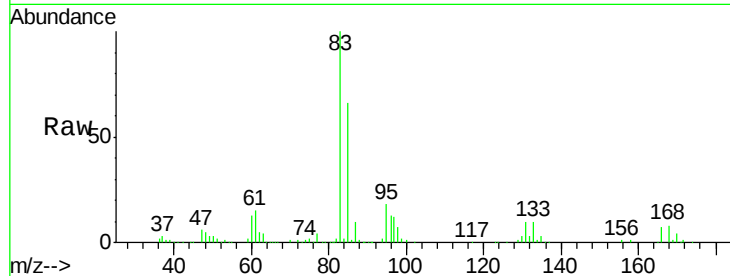
ClientSampleId :

VSTDCCC050

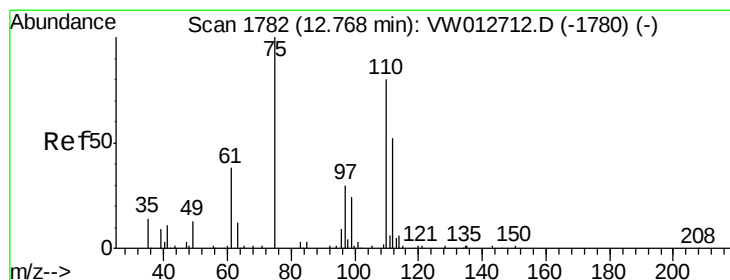
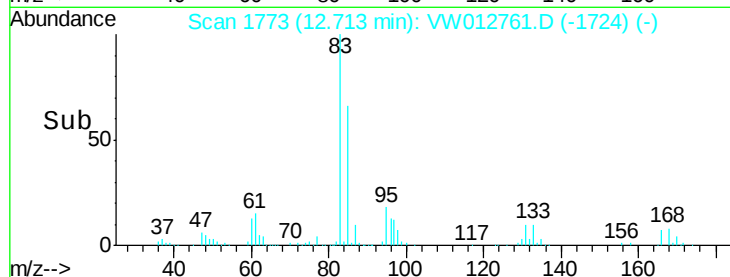
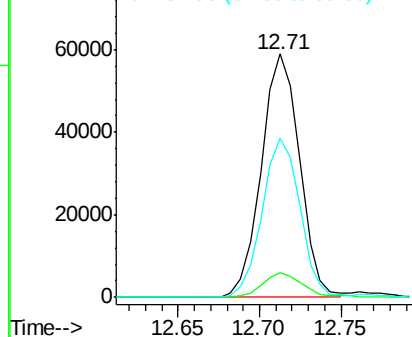
Tot Ion:	83	Resp:	95599
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	64.7	31.4	94.2

Manual Integrations
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9/9/2019 11:25:43 AM



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 42.030 ug/l m

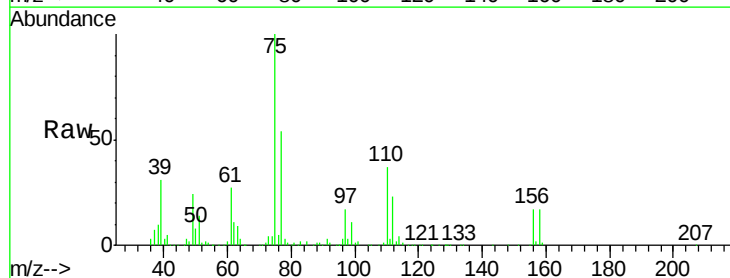
RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

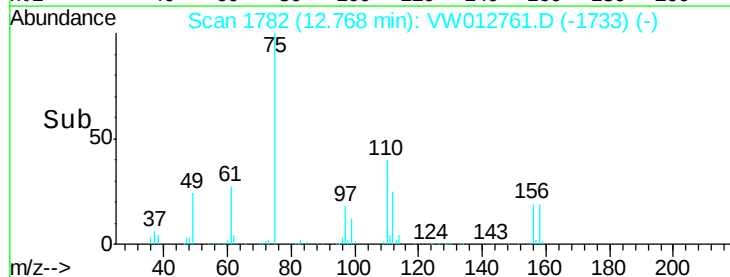
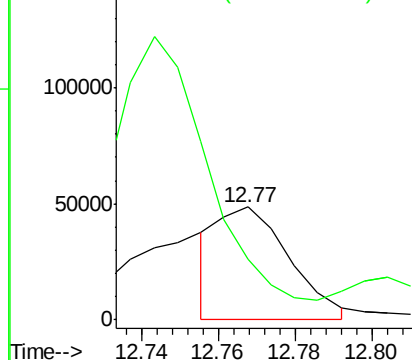
Lab File: VW012761.D

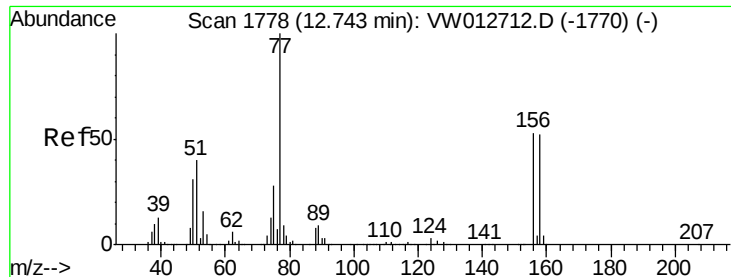
Acq: 08 Sep 2019 11:33

Tgt Ion:	75	Resp:	63442
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 47.816 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

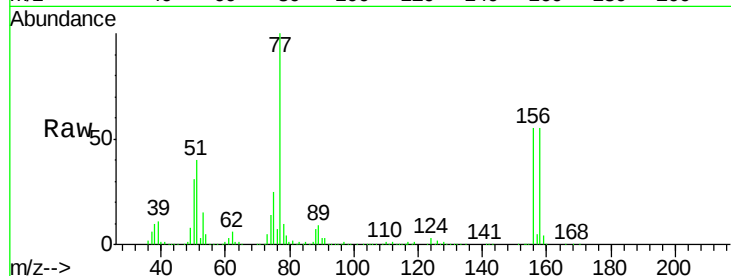
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	197.8	102.3	306.9
158	97.6	48.9	146.8

Manual Integrations
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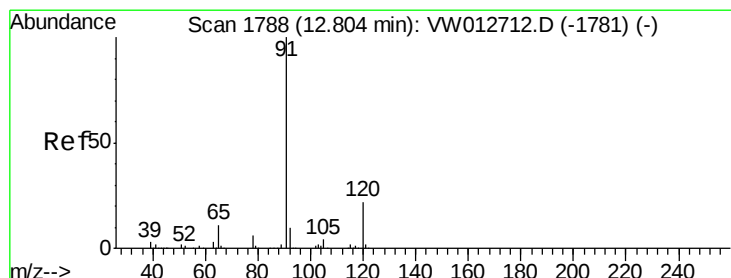
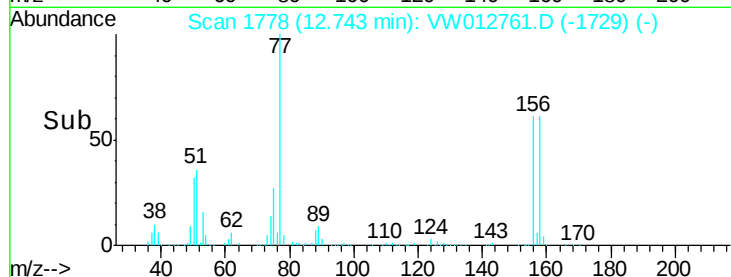
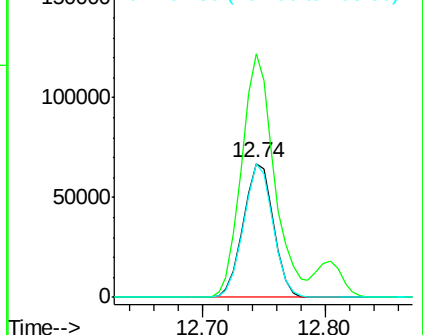
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.661 ug/l

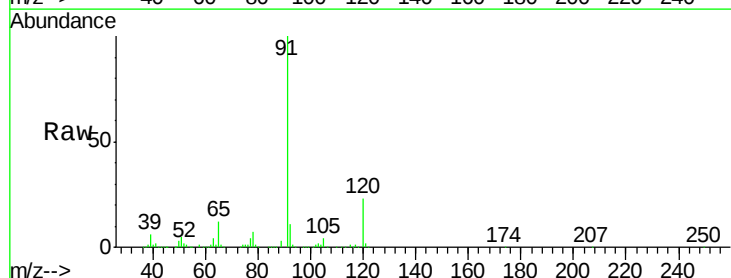
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012761.D

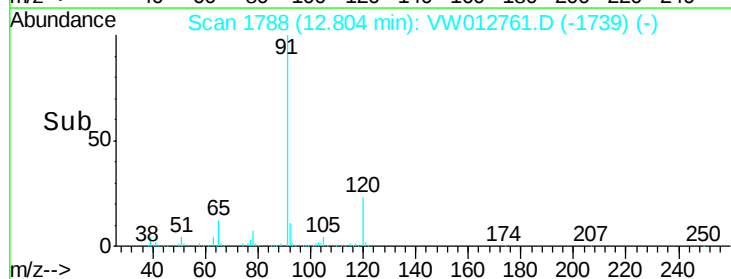
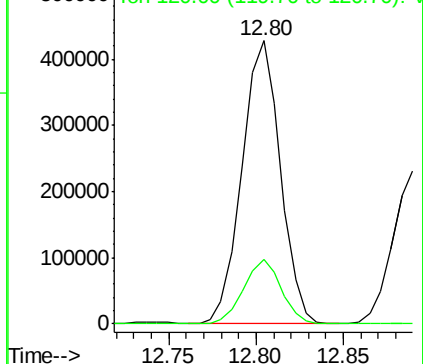
Acq: 08 Sep 2019 11:33

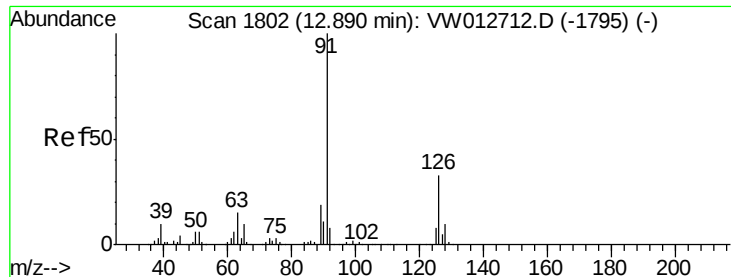
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.0	33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





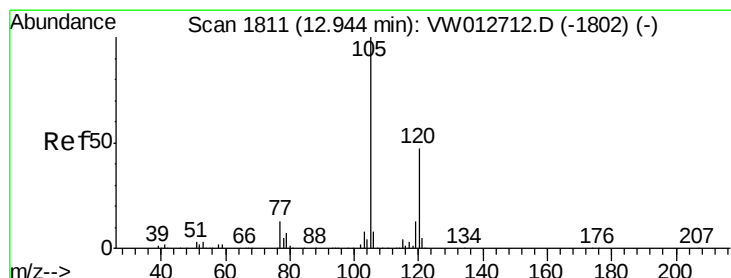
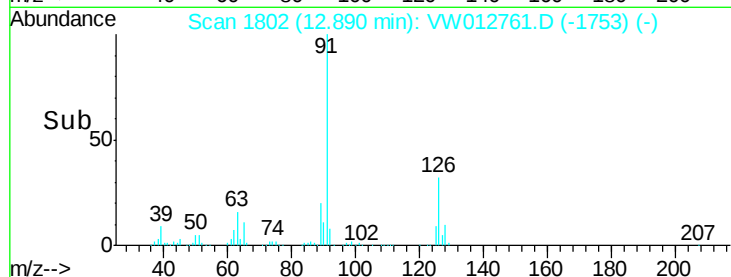
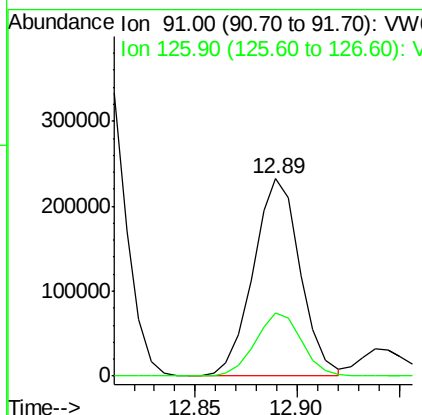
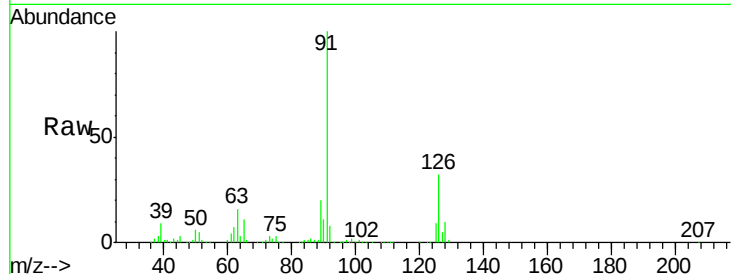
#79
 2-Chlorotoluene
 Concen: 51.001 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.1	48.3

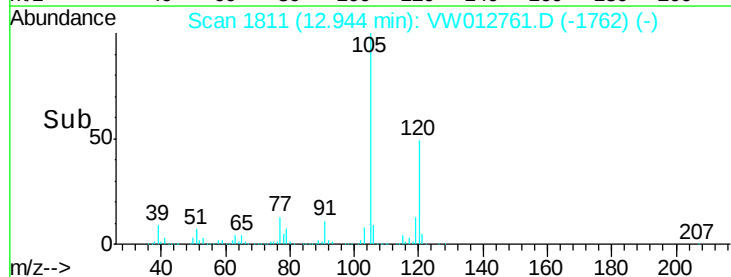
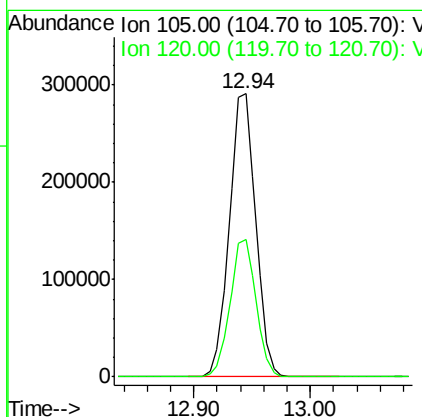
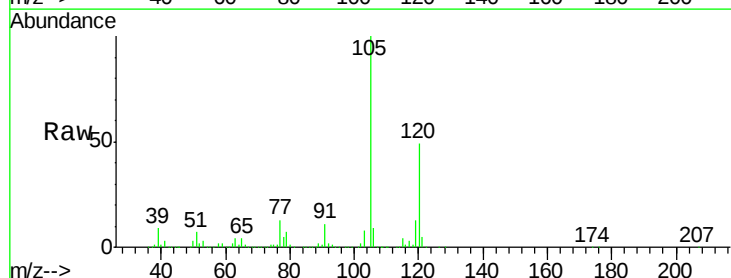
Manual Integrations
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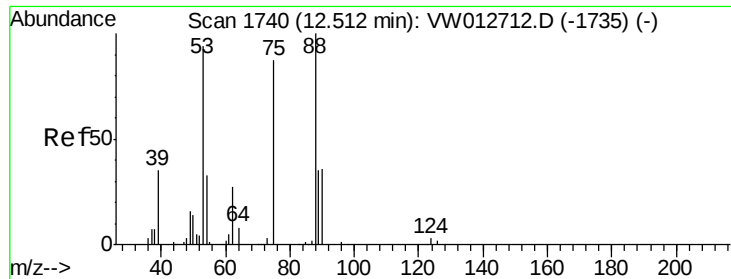
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.370 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.9	23.9	71.8





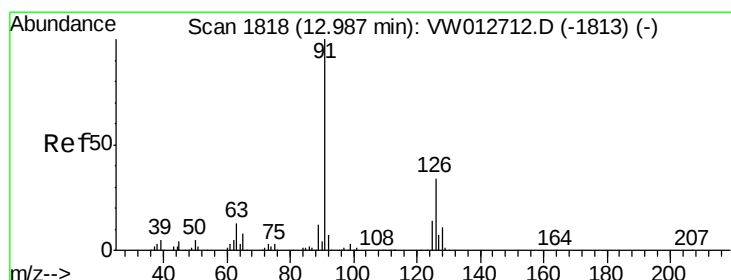
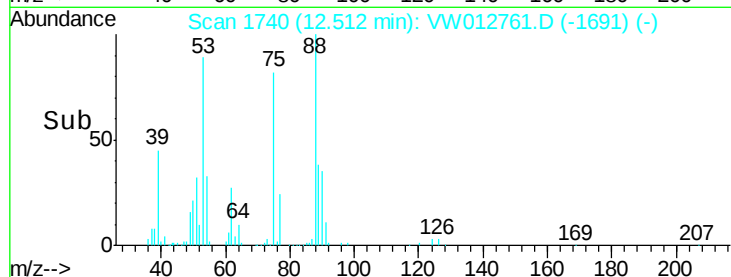
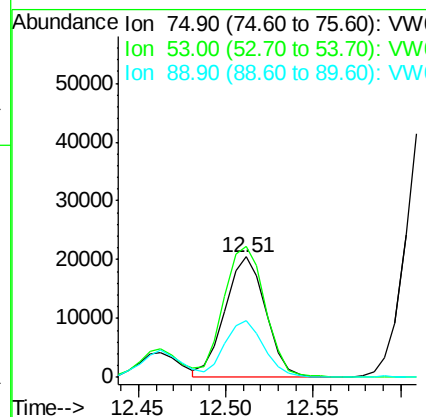
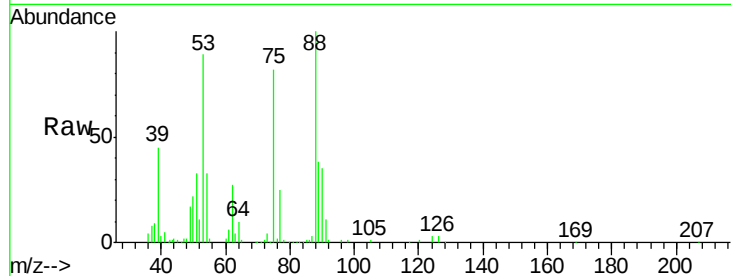
#81
trans-1,4-Dichloro-2-butene
Concen: 46.159 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.3	87.6	131.4
89	45.2	35.5	53.3

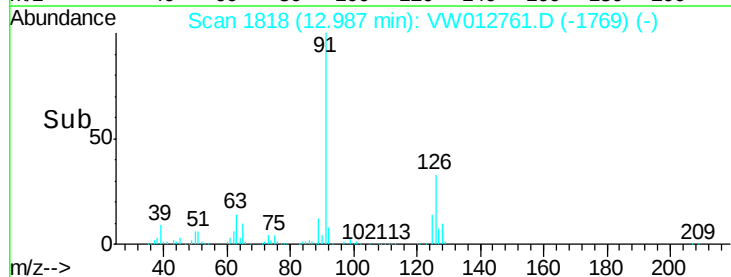
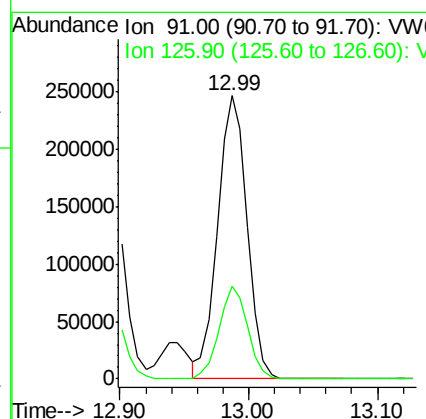
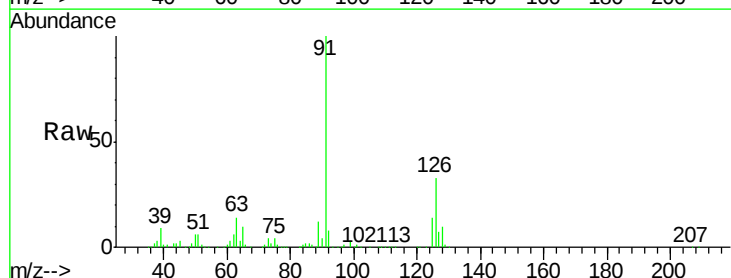
Manual Integrations
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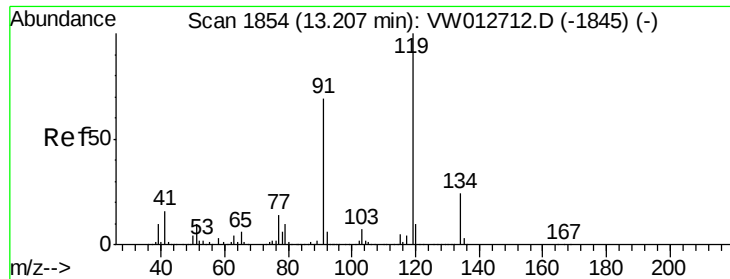
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#82
4-Chlorotoluene
Concen: 51.260 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	15.9	47.6





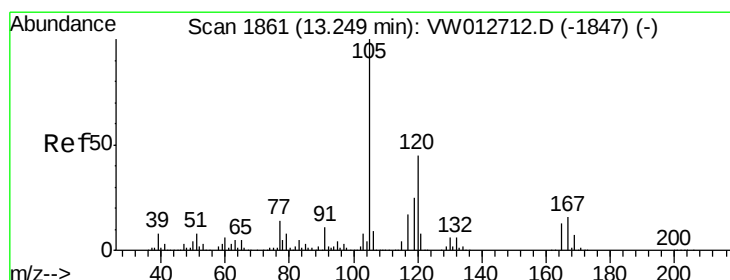
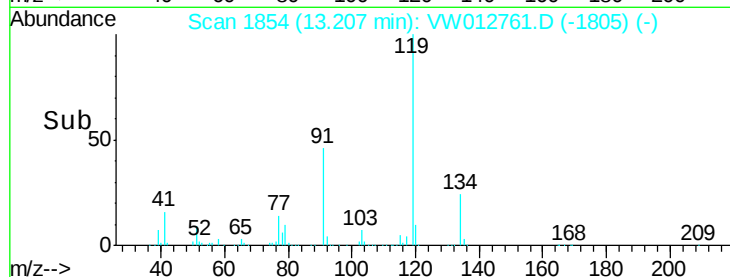
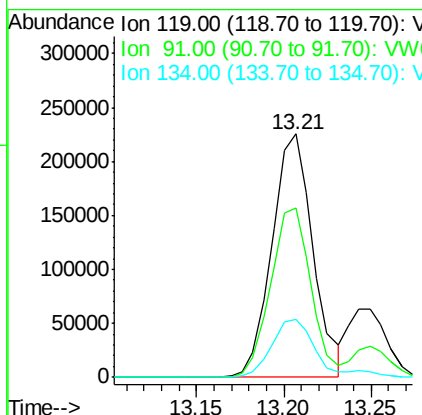
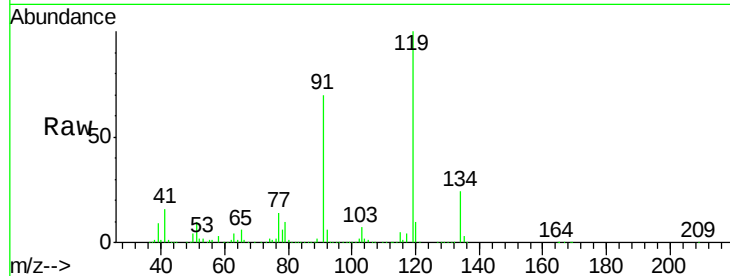
#83
tert-Butylbenzene
Concen: 46.691 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	368317		
91	68.6	34.2	102.5	
134	24.7	12.3	36.9	

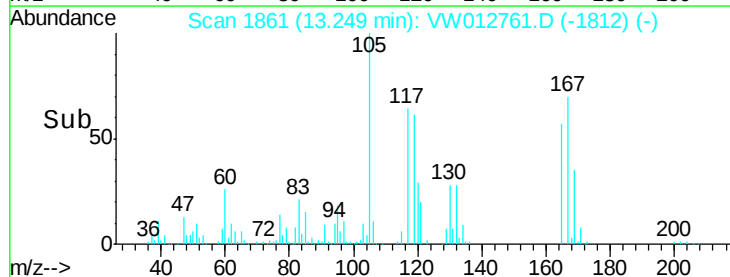
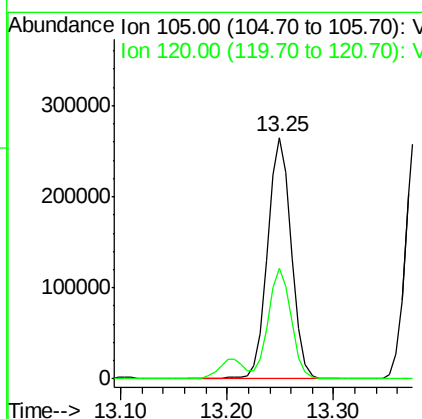
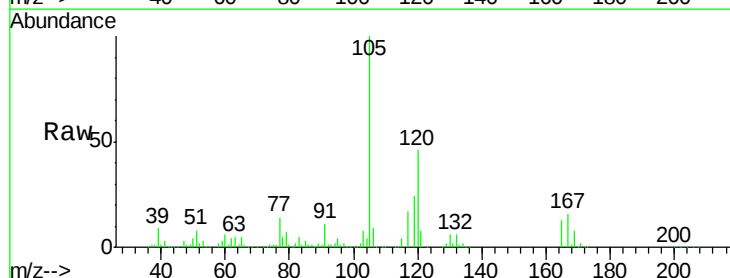
Manual Integrations
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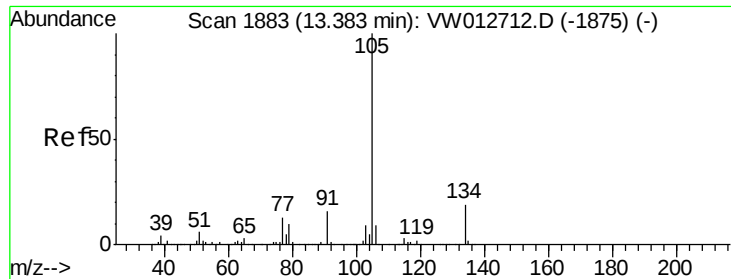
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#84
1,2,4-Trimethylbenzene
Concen: 45.994 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	413462		
120	43.7	22.1	66.3	





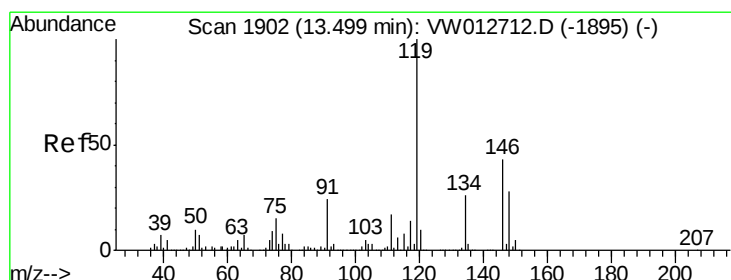
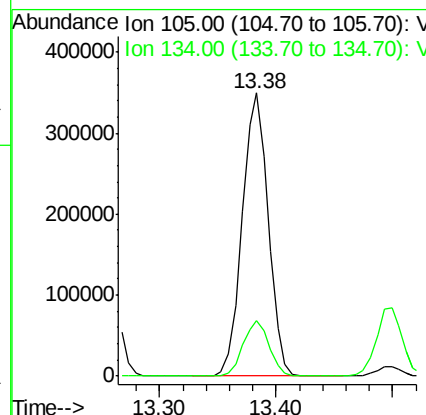
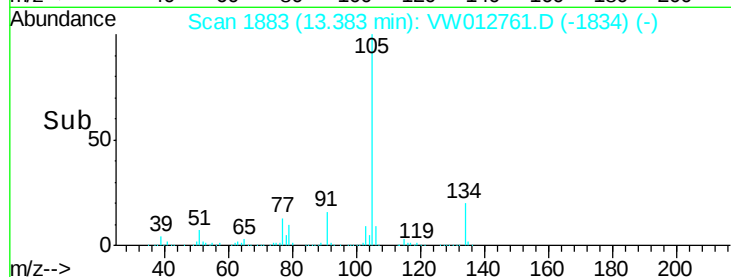
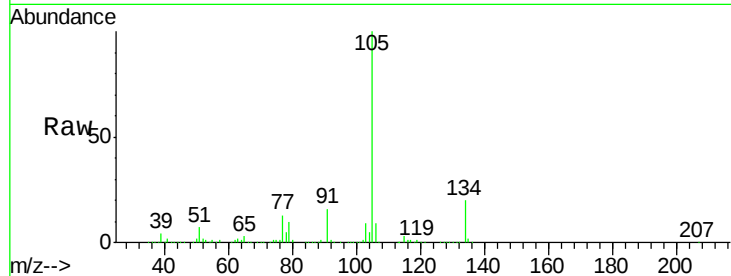
#85
 sec-Butylbenzene
 Concen: 49.734 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	544406		
134	19.7	9.8	29.3	

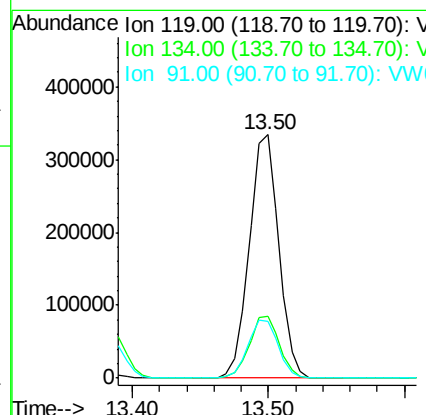
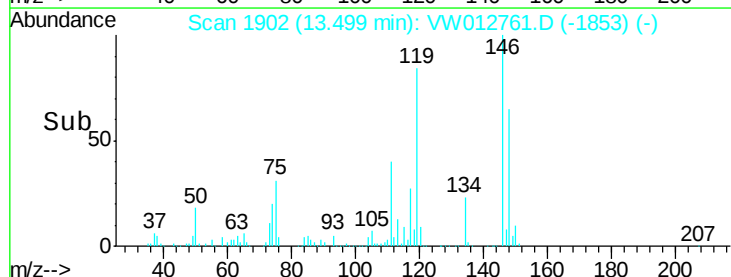
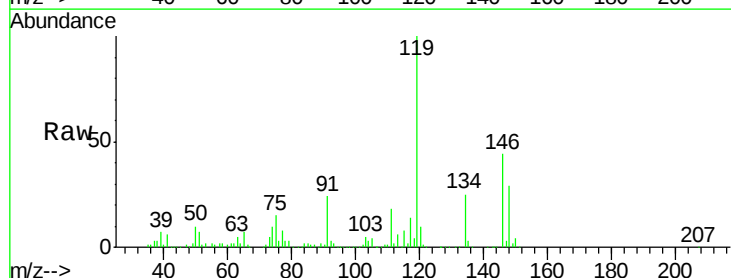
Manual Integrations
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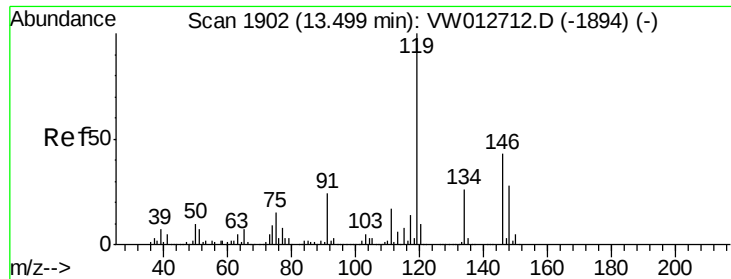
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#86
 p-Isopropyltoluene
 Concen: 50.574 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	505665		
134	25.9	12.7	38.1	
91	24.4	12.2	36.6	





#87

1,3-Dichlorobenzene

Concen: 50.336 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

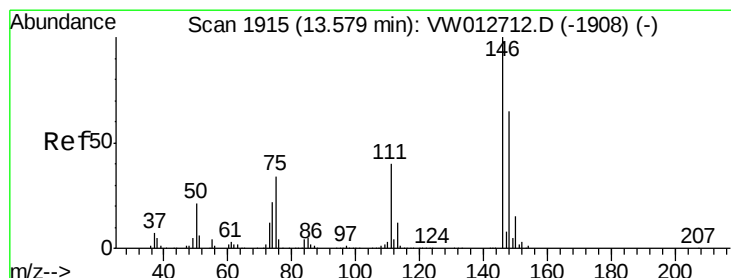
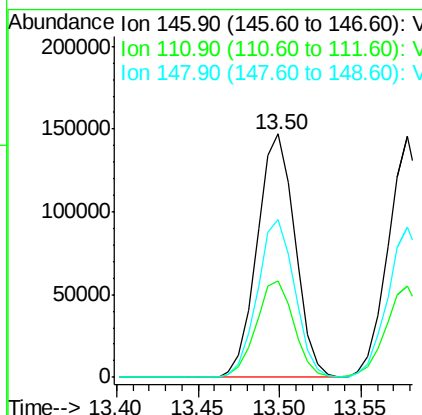
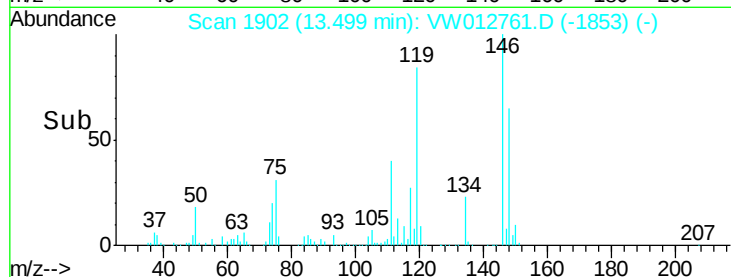
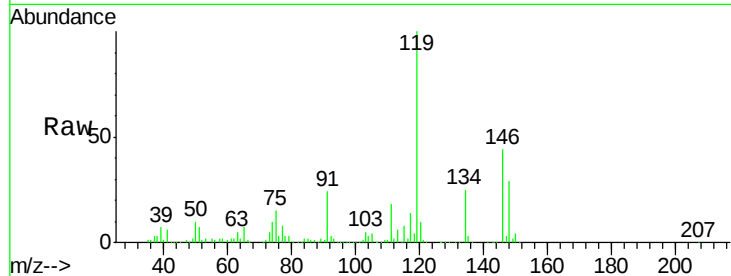
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	39.5	20.4	61.2
148	64.0	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.347 ug/l

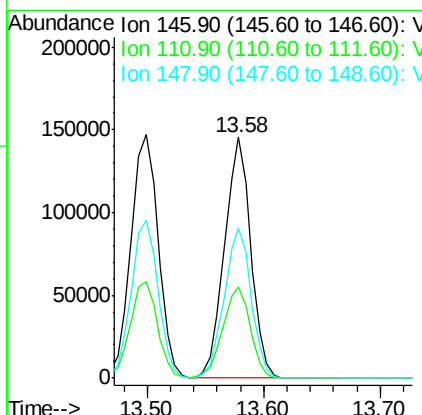
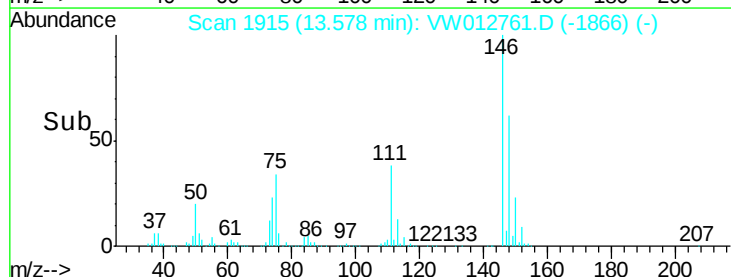
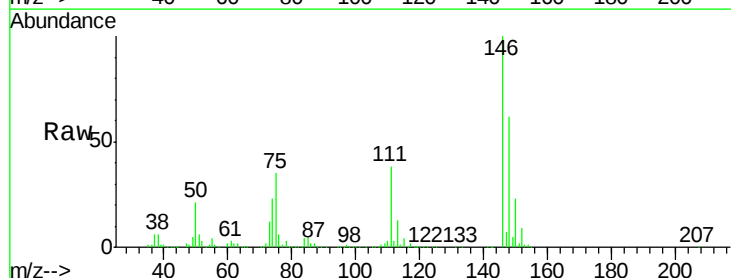
RT: 13.58 min Scan# 1915

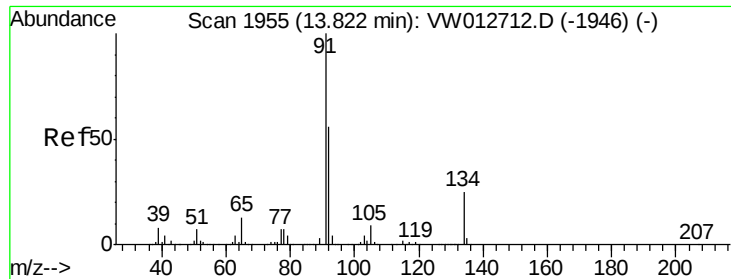
Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	39.7	20.0	60.0
148	64.0	32.2	96.6





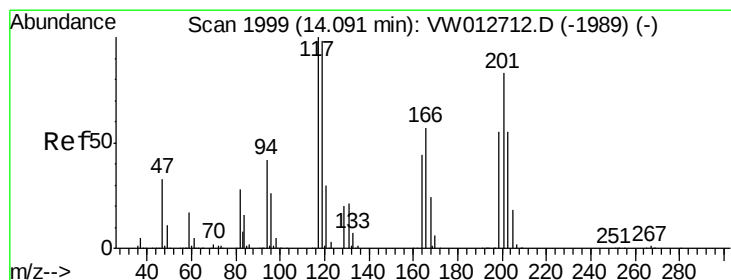
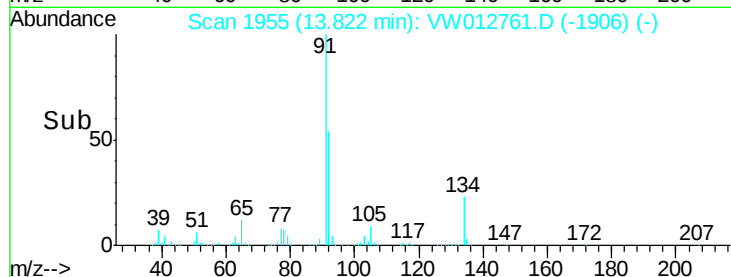
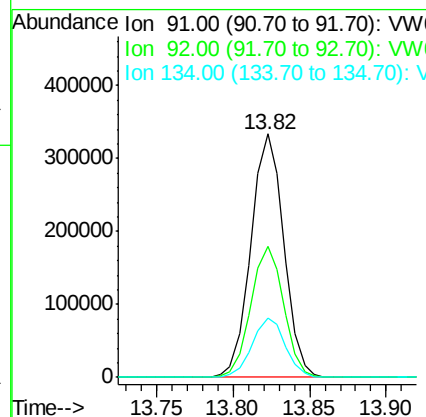
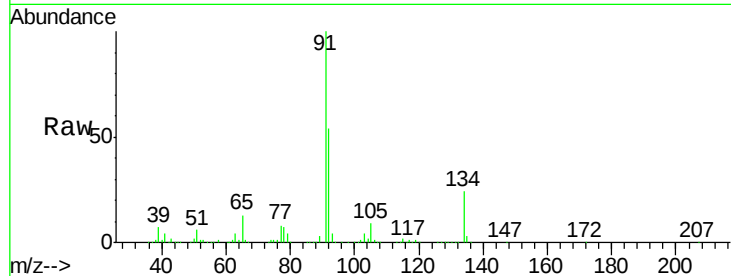
#89
n-Butylbenzene
Concen: 51.369 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.2	81.5
134	24.5	12.7	38.1

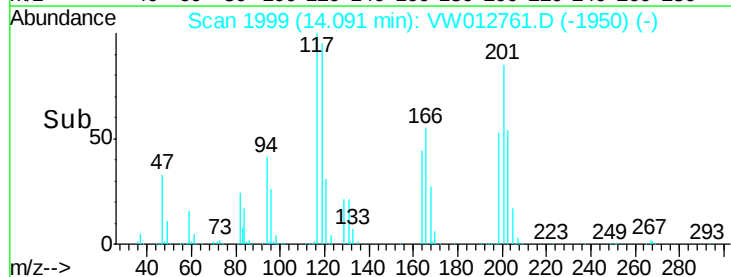
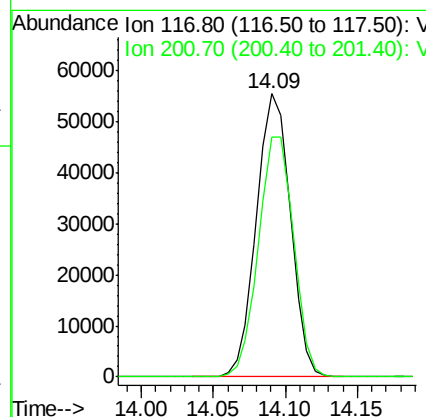
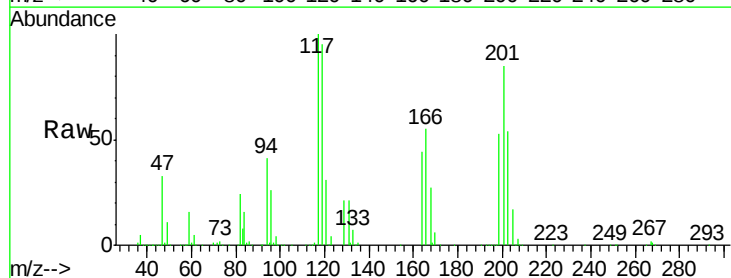
Manual Integrations
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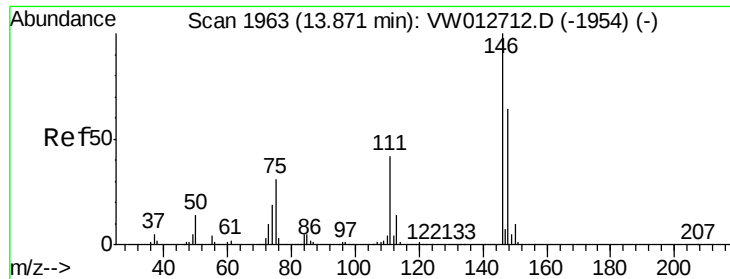
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#90
Hexachloroethane
Concen: 52.011 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.4	42.8	128.4





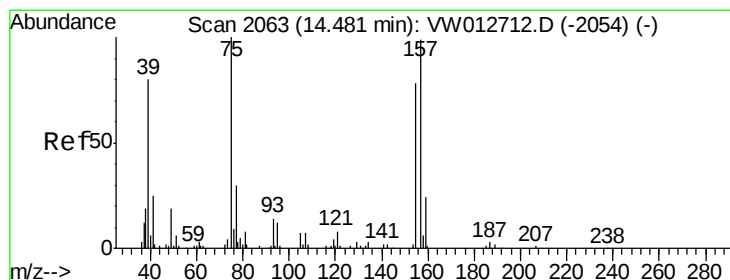
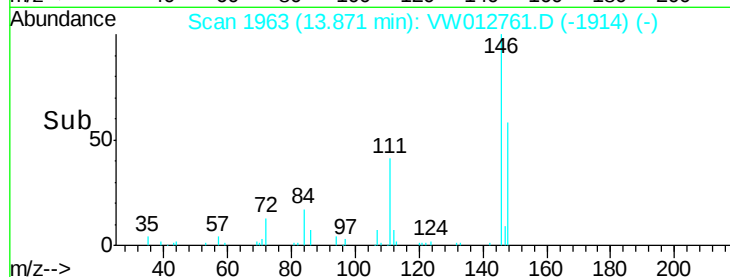
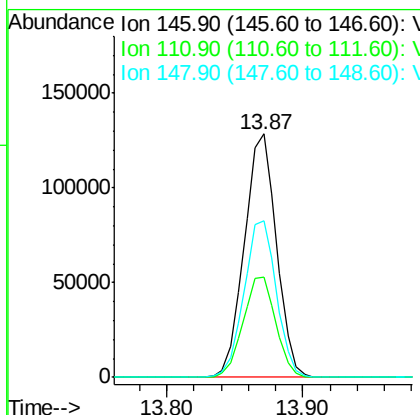
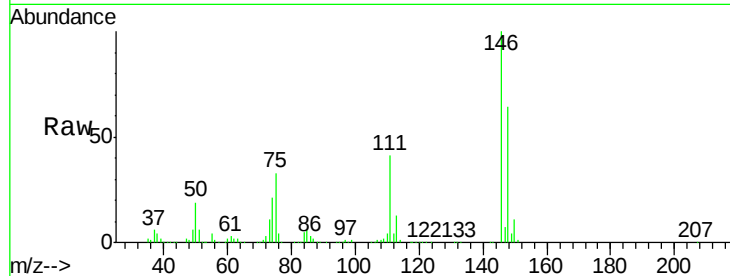
#91
 1,2-Dichlorobenzene
 Concen: 50.075 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	212495		
111	41.9	21.3	63.9	
148	64.8	32.1	96.5	

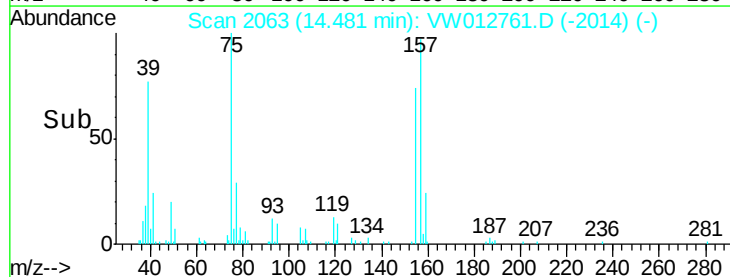
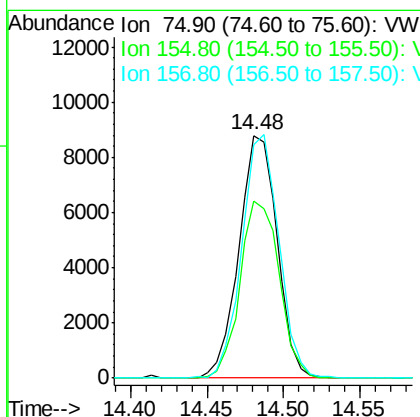
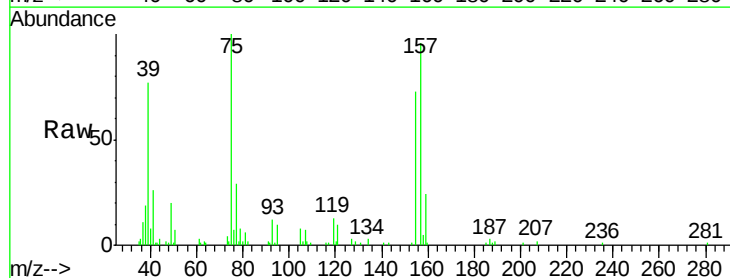
Manual Integrations
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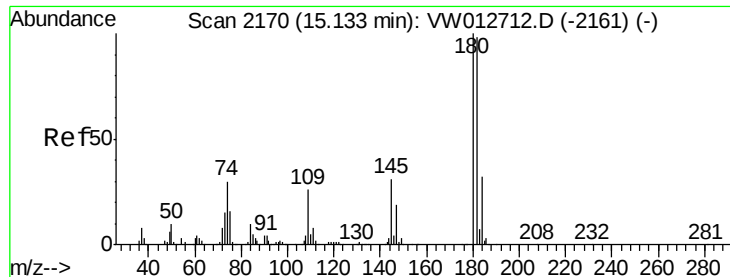
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.202 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15254		
155	74.8	40.6	122.0	
157	97.6	52.5	157.5	





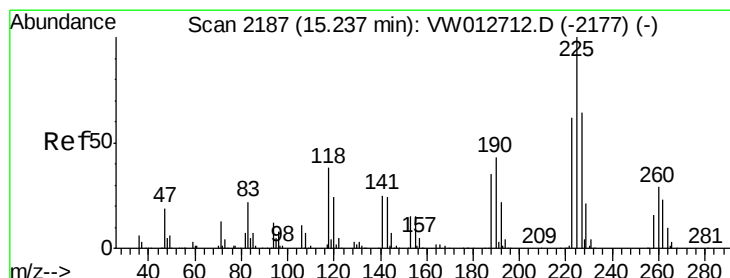
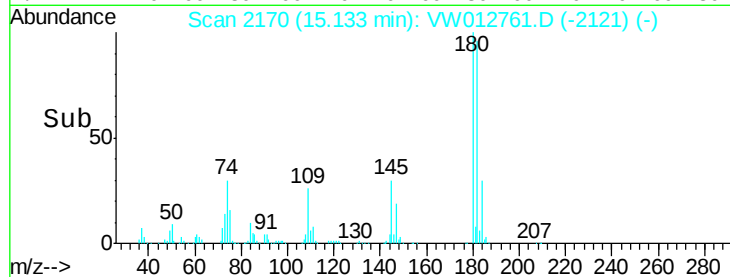
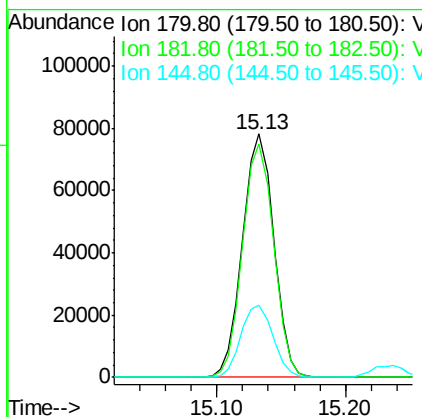
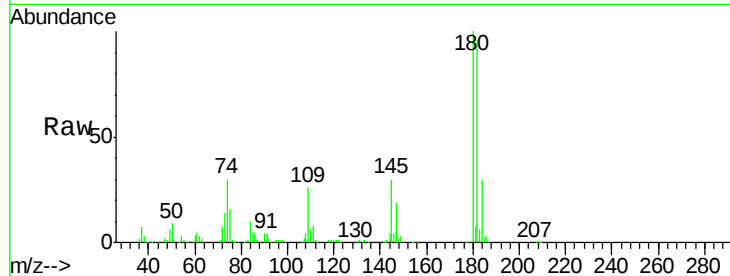
#93
 1,2,4-Trichlorobenzene
 Concen: 44.547 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	131614		
182	95.2	48.7	146.1	
145	30.4	15.0	45.1	

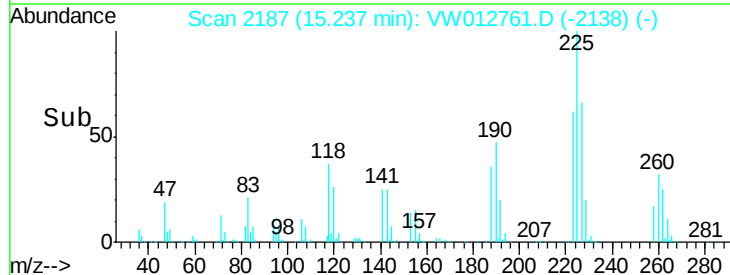
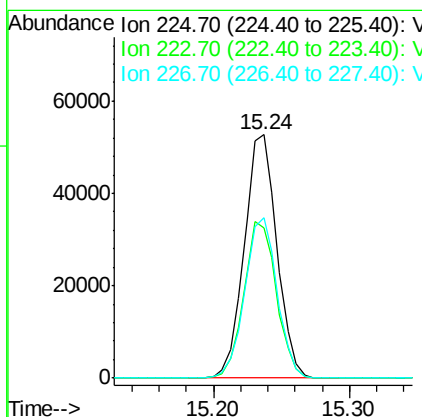
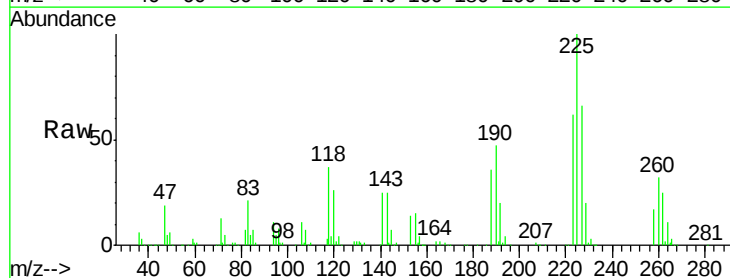
Manual Integrations
 APPROVED

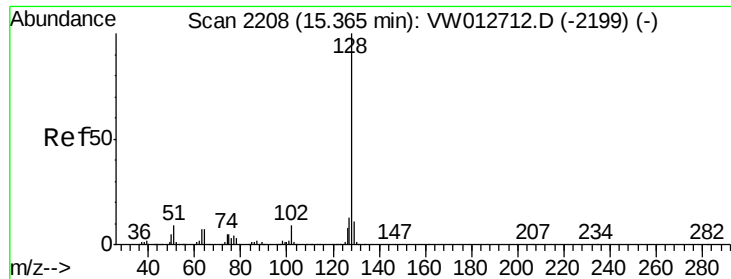
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 43.180 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	88302		
223	64.1	31.1	93.3	
227	65.3	31.4	94.2	





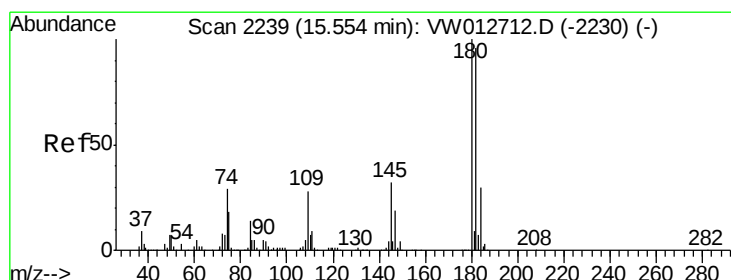
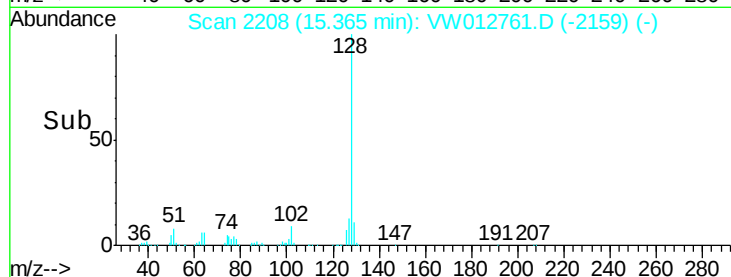
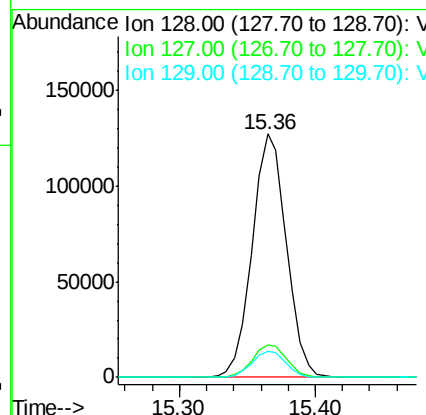
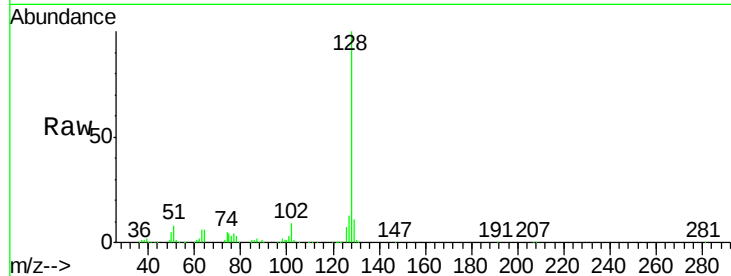
#95
Naphthalene
Concen: 37.480 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	224565		
127	13.5		10.7	16.1
129	10.7		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 43.609 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	113729		
182	95.9		47.8	143.3
145	32.0		15.4	46.2

