

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031020\
 Data File : VW015113.D
 Acq On : 10 Mar 2020 15:11
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:22:16 PM

Quant Time: Mar 11 09:13:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:51:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	417798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	758344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	685362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	305290	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	300587	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
35) Dibromofluoromethane	7.88	113	228055	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	10.32	98	980600	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.62	95	329320	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	112455	44.389	ug/l	99
3) Chloromethane	2.21	50	244223	44.923	ug/l	99
4) Vinyl Chloride	2.37	62	335082	47.080	ug/l	98
5) Bromomethane	2.78	94	185763	45.661	ug/l	99
6) Chloroethane	2.92	64	201019	48.762	ug/l	99
7) Trichlorofluoromethane	3.26	101	210242	59.029	ug/l	100
8) Diethyl Ether	3.68	74	140822	51.889	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	270732	49.864	ug/l	98
10) Methyl Iodide	4.27	142	310492	51.404	ug/l	99
11) Tert butyl alcohol	5.17	59	87185	246.945	ug/l	100
12) 1,1-Dichloroethene	4.04	96	267035	50.304	ug/l	99
13) Acrolein	3.89	56	123044	238.298	ug/l	97
14) Allyl chloride	4.67	41	584815	54.974	ug/l	99
15) Acrylonitrile	5.36	53	362676	260.709	ug/l	100
16) Acetone	4.12	43	402933	287.600	ug/l	99
17) Carbon Disulfide	4.38	76	936251	49.745	ug/l	99
18) Methyl Acetate	4.67	43	173343	52.194	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	381592	56.154	ug/l	99
20) Methylene Chloride	4.91	84	311361	54.819	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	300283	53.279	ug/l	99
22) Diisopropyl ether	6.31	45	1149665	56.323	ug/l	99
23) Vinyl Acetate	6.25	43	3431462	284.778	ug/l	100
24) 1,1-Dichloroethane	6.21	63	623057	52.343	ug/l	99
25) 2-Butanone	7.16	43	536028	279.088	ug/l	100
26) 2,2-Dichloropropane	7.16	77	368139	54.075	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	312953	53.335	ug/l	98
28) Bromochloromethane	7.51	49	297376	52.138	ug/l	98
29) Tetrahydrofuran	7.52	42	330594	275.184	ug/l	99
30) Chloroform	7.67	83	545655	51.656	ug/l	98
31) Cyclohexane	7.95	56	626030	51.136	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	432711	52.463	ug/l	99
36) 1,1-Dichloropropene	8.08	75	480912	54.684	ug/l	99
37) Ethyl Acetate	7.24	43	232371	53.015	ug/l	99
38) Carbon Tetrachloride	8.06	117	375681	52.476	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	557093	55.401	ug/l	98
40) Benzene	8.32	78	1306454	53.456	ug/l	99
41) Methacrylonitrile	7.48	41	139298	60.093	ug/l	91
42) 1,2-Dichloroethane	8.40	62	395936	53.175	ug/l	100
43) Isopropyl Acetate	8.42	43	429282	54.631	ug/l	100
44) Trichloroethene	9.09	130	273450	52.563	ug/l	100
45) 1,2-Dichloropropane	9.37	63	349762	53.141	ug/l	99
46) Dibromomethane	9.46	93	149931	52.389	ug/l	98
47) Bromodichloromethane	9.64	83	407870	53.381	ug/l	99
48) Methyl methacrylate	9.43	41	217453	53.750	ug/l	93
49) 1,4-Dioxane	9.44	88	45485	1038.074	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	1137266	262.028	ug/l	100
52) Toluene	10.38	92	763795	54.402	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	413039	54.948	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	494907	54.047	ug/l	96
55) 1,1,2-Trichloroethane	10.78	97	203748	51.957	ug/l	97
56) Ethyl methacrylate	10.64	69	291444	51.478	ug/l	99
57) 1,3-Dichloropropane	10.93	76	400993	53.710	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	844720	284.522	ug/l	99
59) 2-Hexanone	10.96	43	799385	267.259	ug/l	99
60) Dibromochloromethane	11.13	129	214535	52.969	ug/l	99
61) 1,2-Dibromoethane	11.23	107	181472	52.199	ug/l	100
64) Tetrachloroethene	10.86	164	202936	51.309	ug/l	96
65) Chlorobenzene	11.65	112	726930	52.843	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.72	131	236939	51.723	ug/l	99
67) Ethyl Benzene	11.72	91	1496269	55.895	ug/l	100
68) m/p-Xylenes	11.83	106	1053089	111.281	ug/l	100
69) o-Xylene	12.16	106	472658	55.446	ug/l	99
70) Styrene	12.18	104	815737	55.847	ug/l	99
71) Bromoform	12.35	173	104321	51.315	ug/l #	99
73) Isopropylbenzene	12.46	105	1339746	57.449	ug/l	99
74) N-amyl acetate	12.27	43	398859	51.535	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	252015	53.218	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	155801m	45.155	ug/l	
77) Bromobenzene	12.74	156	250052	54.249	ug/l	98
78) n-propylbenzene	12.80	91	1752396	57.821	ug/l	100
79) 2-Chlorotoluene	12.89	91	960364	56.360	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1138377	56.773	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	82119	53.756	ug/l	94
82) 4-Chlorotoluene	12.99	91	1012202	55.779	ug/l	99
83) tert-Butylbenzene	13.20	119	931512	57.345	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1136368	56.679	ug/l	99
85) sec-Butylbenzene	13.38	105	1408924	57.311	ug/l	99
86) p-Isopropyltoluene	13.49	119	1199070	56.743	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	525703	53.828	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	508734	52.902	ug/l	99
89) n-Butylbenzene	13.82	91	1316299	57.759	ug/l	100
90) Hexachloroethane	14.09	117	225064	53.106	ug/l	97
91) 1,2-Dichlorobenzene	13.86	146	451328	52.765	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	39642	52.131	ug/l	96

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QLast Update : Mon Mar 09 18:51:48 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	267809	54.713	ug/l	99
94) Hexachlorobutadiene	15.23	225	159100	51.771	ug/l	98
95) Naphthalene	15.36	128	530941	49.622	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	229929	52.961	ug/l	99

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

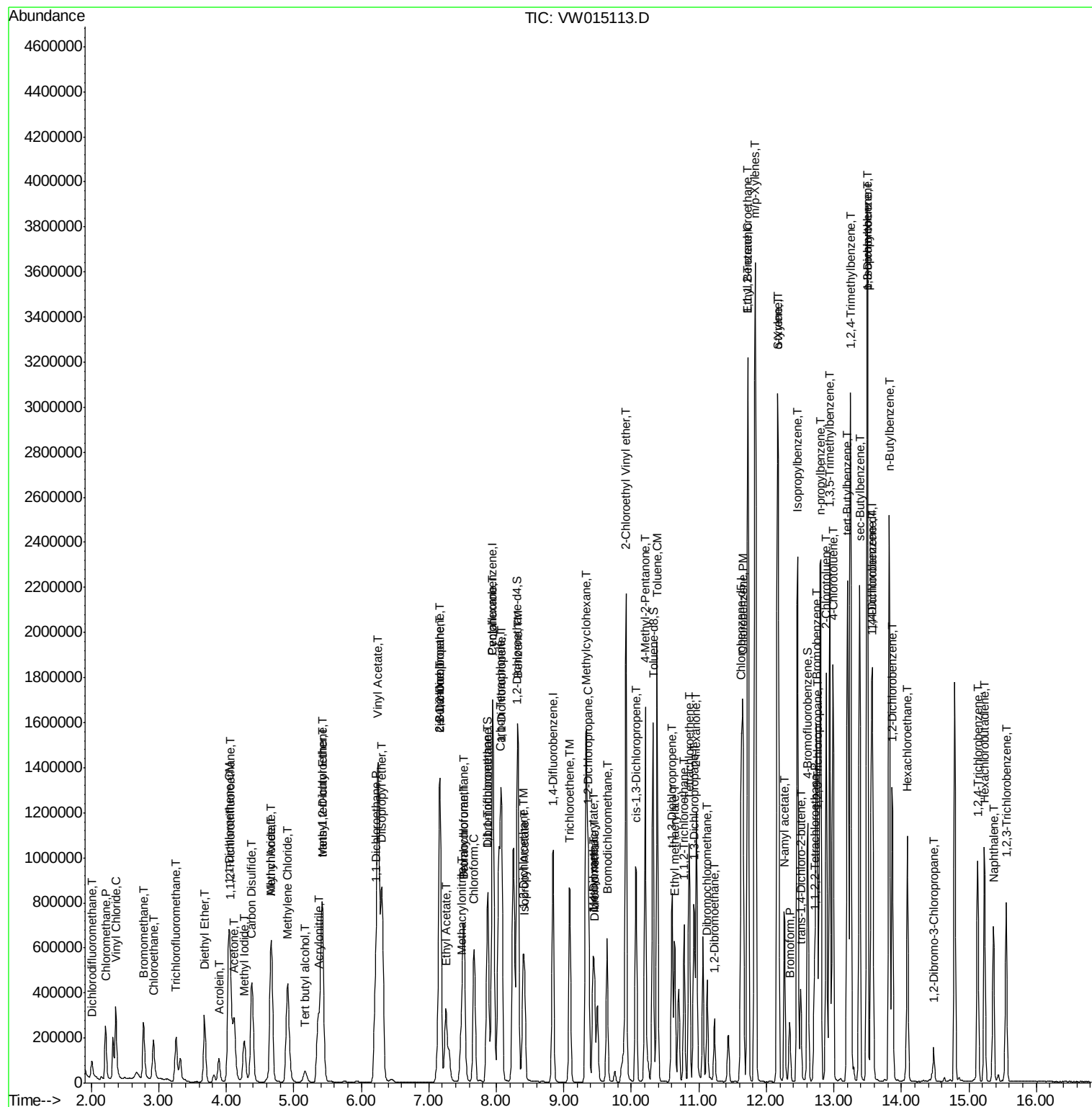
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 Acq On : 10 Mar 2020 15:11
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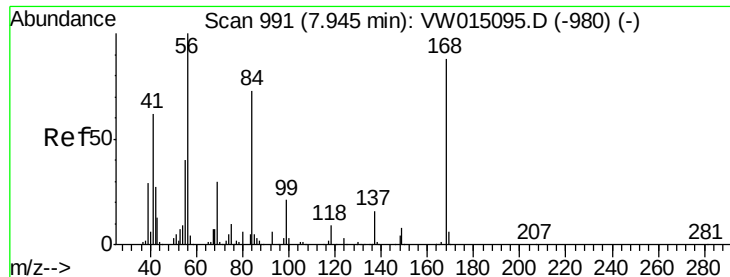
Instrument :
 MSVOA_W
 Client Sample Id :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 417798

Ion Ratio Lower Upper

168 100

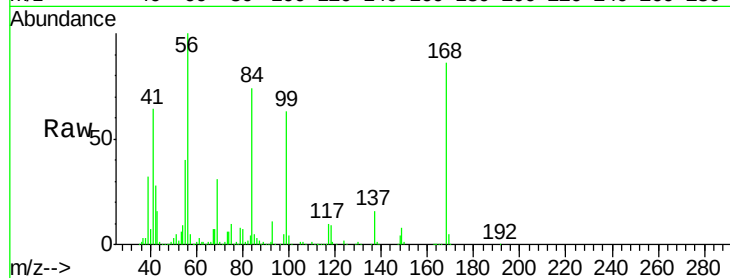
99 73.4 57.2 85.8

Manual Integrations

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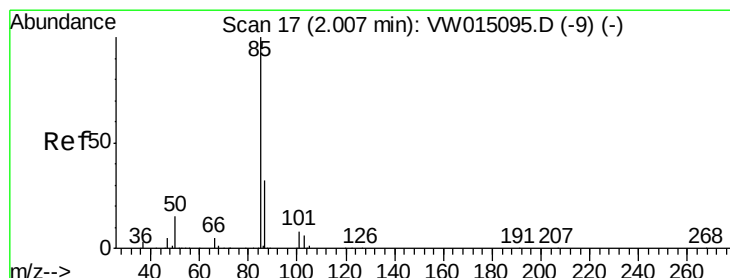
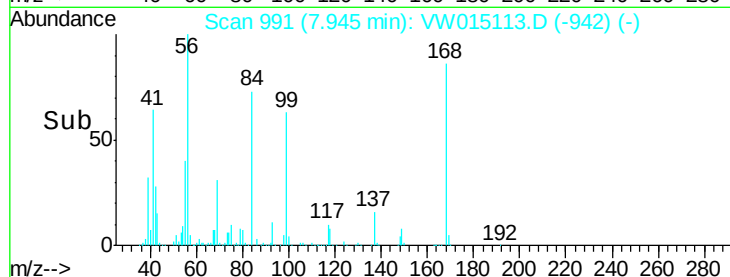
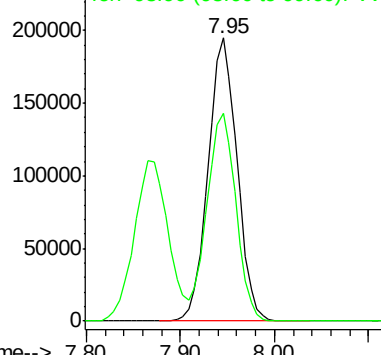
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 44.389 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW015113.D

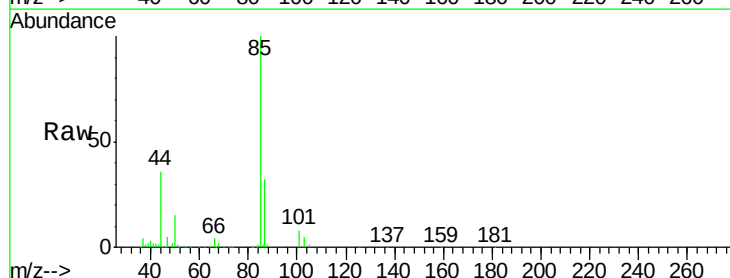
Acq: 10 Mar 2020 15:11

Tgt Ion: 85 Resp: 112455

Ion Ratio Lower Upper

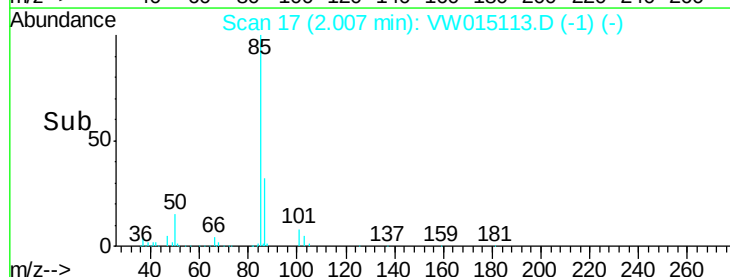
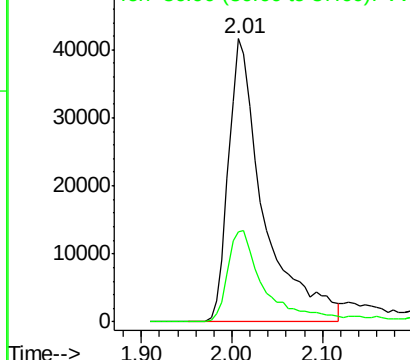
85 100

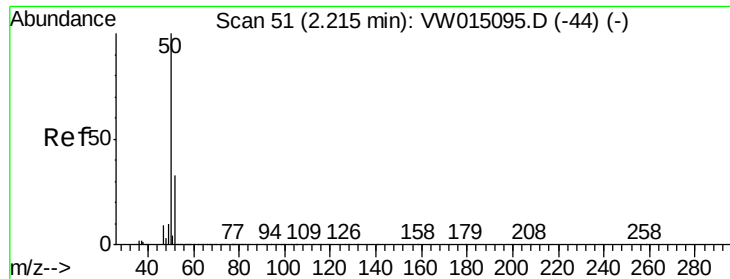
87 31.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 44.923 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 244223

Ion Ratio Lower Upper

50 100

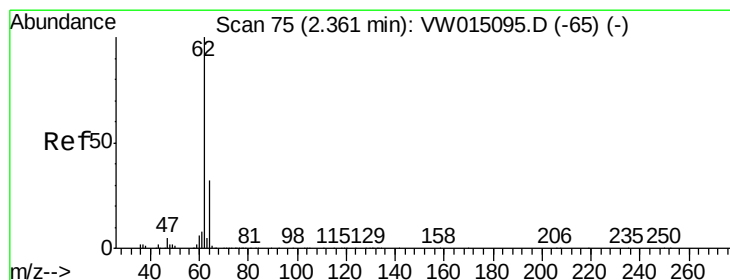
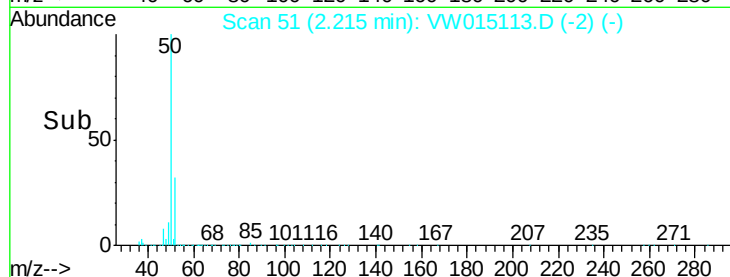
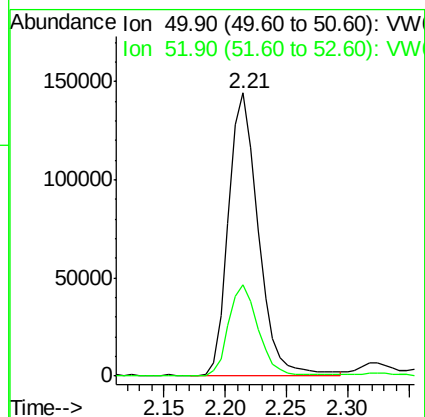
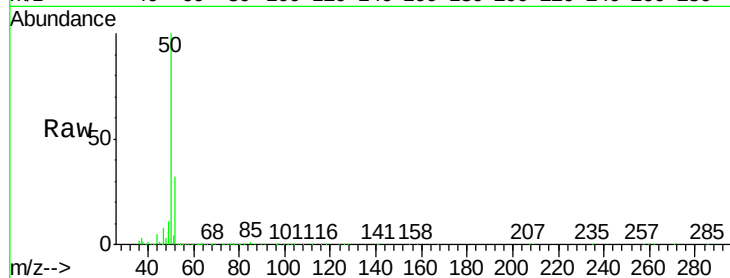
52 32.5 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.080 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.01 min

Lab File: VW015113.D

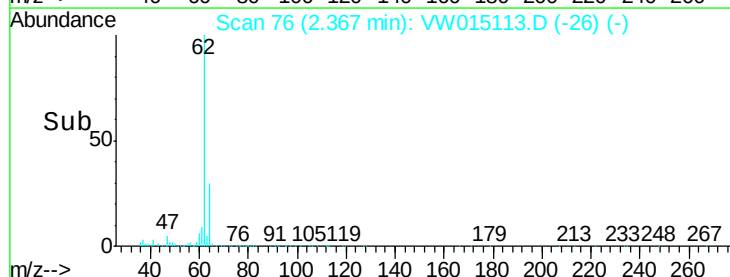
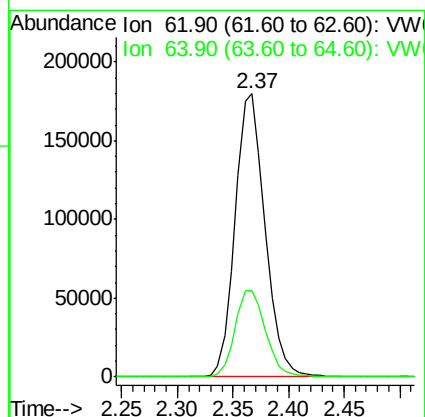
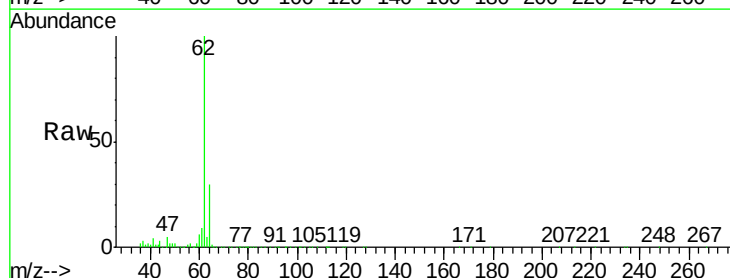
Acq: 10 Mar 2020 15:11

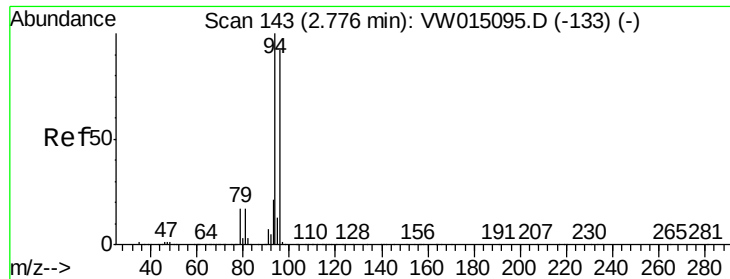
Tgt Ion: 62 Resp: 335082

Ion Ratio Lower Upper

62 100

64 30.4 25.3 37.9





#5

Bromomethane

Concen: 45.661 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 185763

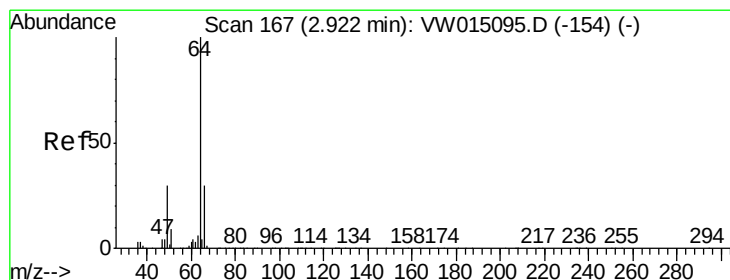
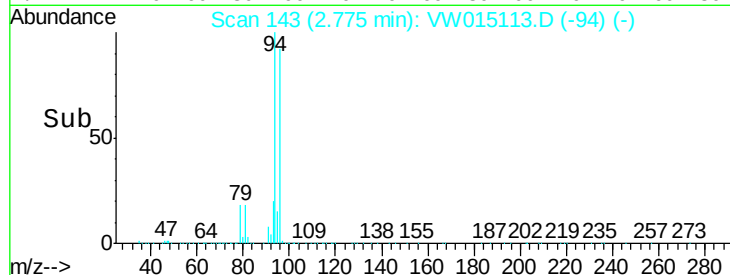
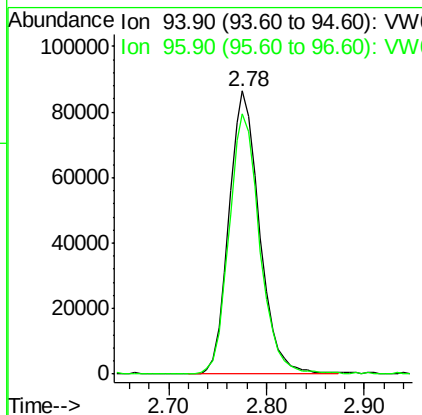
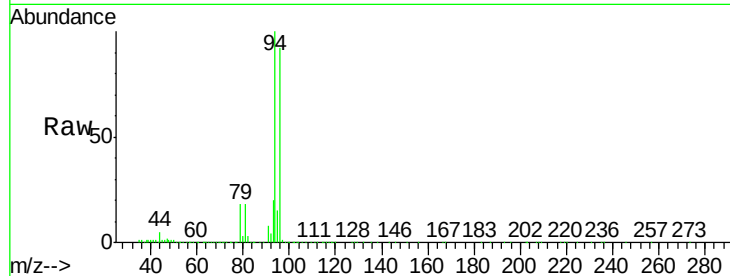
Ion Ratio Lower Upper

94 100

96 91.9 74.0 111.0

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#6

Chloroethane

Concen: 48.762 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW015113.D

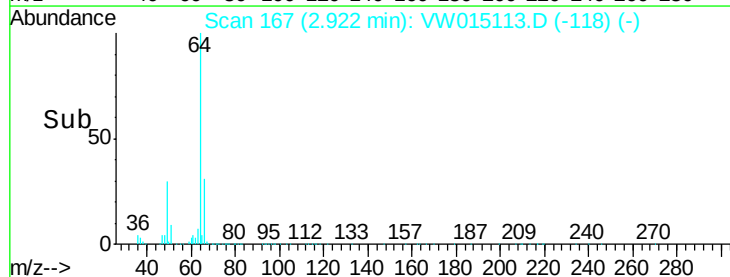
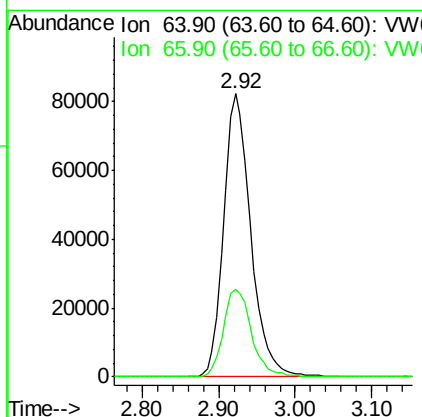
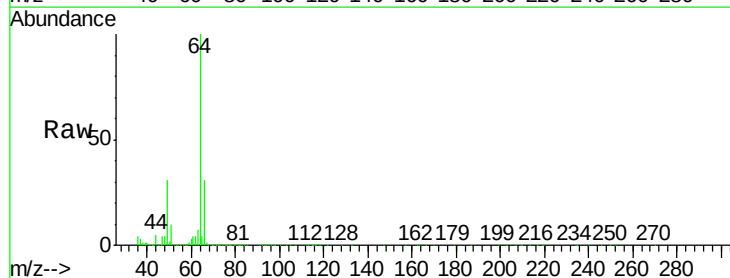
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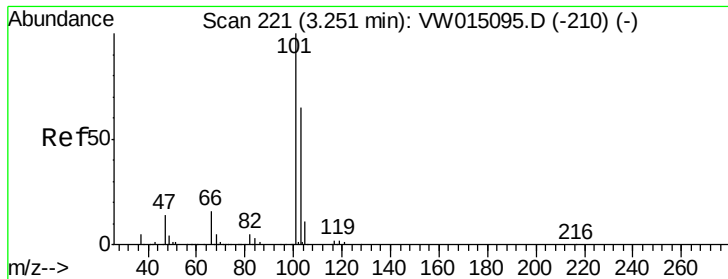
Tgt Ion: 64 Resp: 201019

Ion Ratio Lower Upper

64 100

66 30.8 24.2 36.2





#7

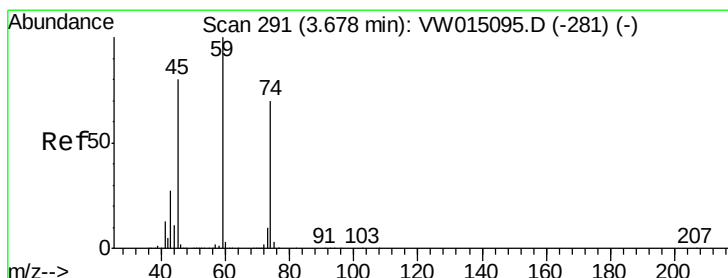
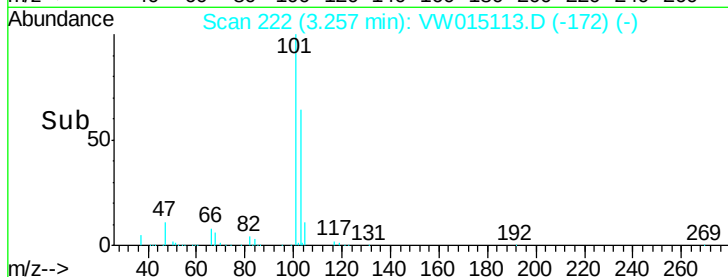
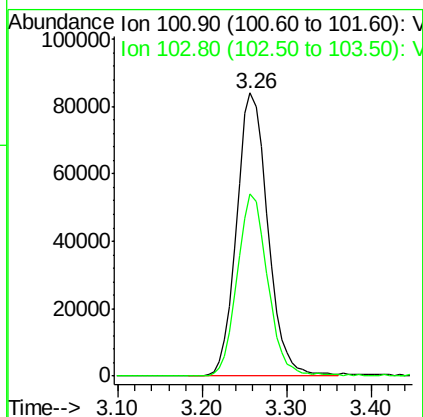
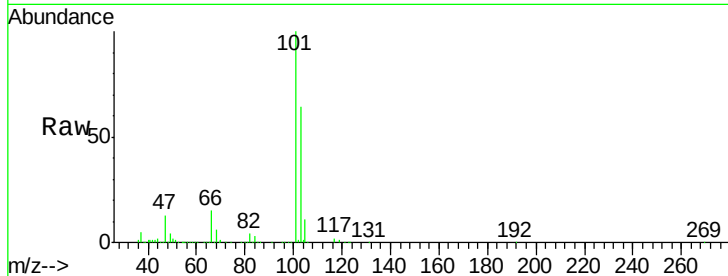
Trichlorofluoromethane
Concen: 59.029 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.01 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.8	77.6

Manual Integrations
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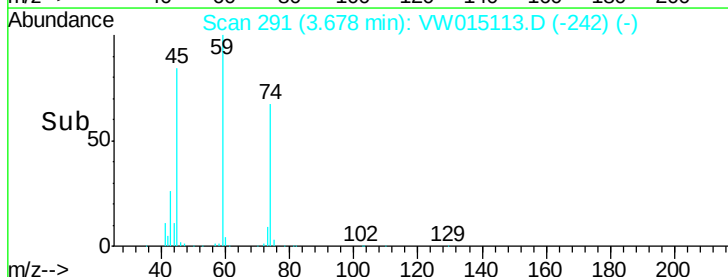
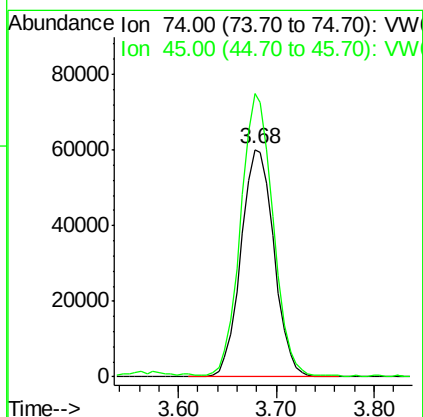
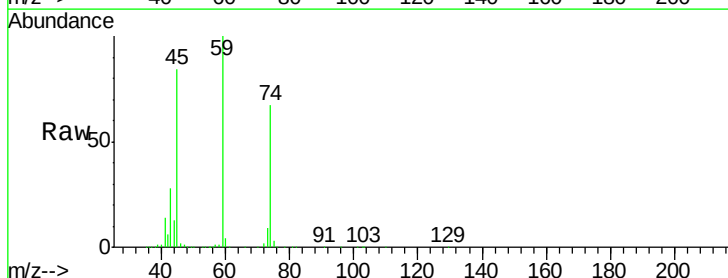
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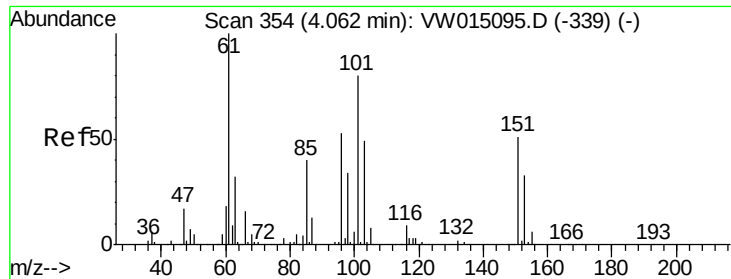


#8

Diethyl Ether
Concen: 51.889 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	121.8	59.2	177.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.864 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Instrument :

MSVOA_W

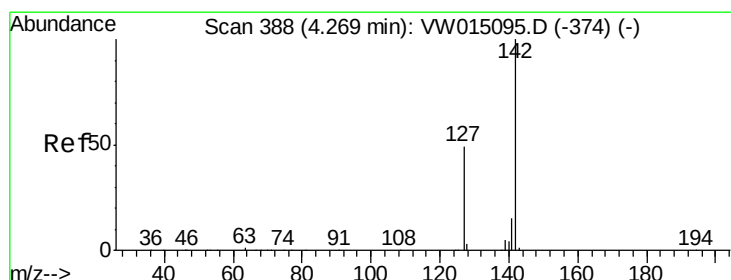
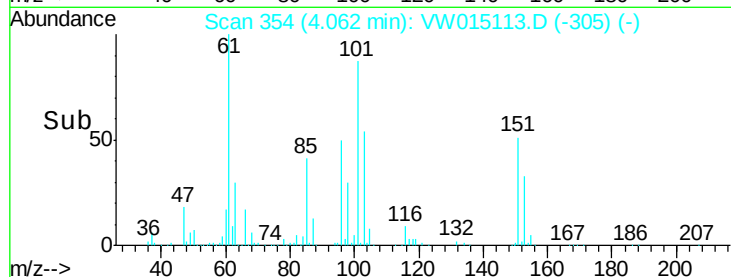
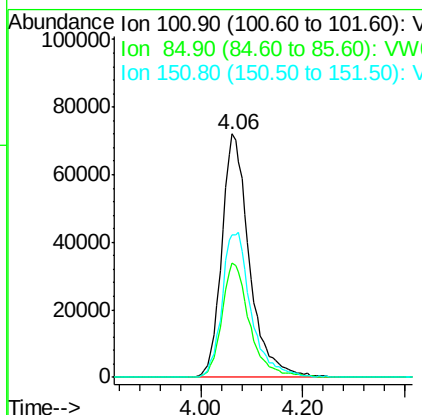
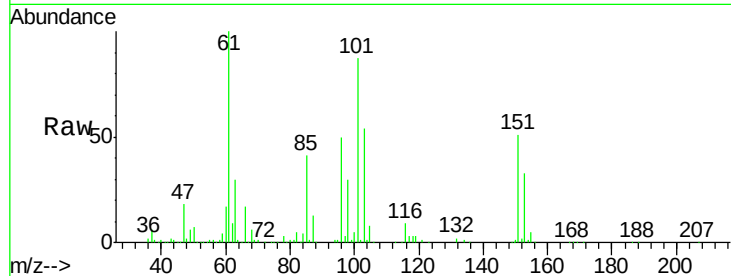
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	270732
Ion Ratio	Lower	Upper	
101	100		
85	47.3	39.0	58.4
151	62.3	50.8	76.2

Manual Integrations
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#10

Methyl Iodide

Concen: 51.404 ug/l

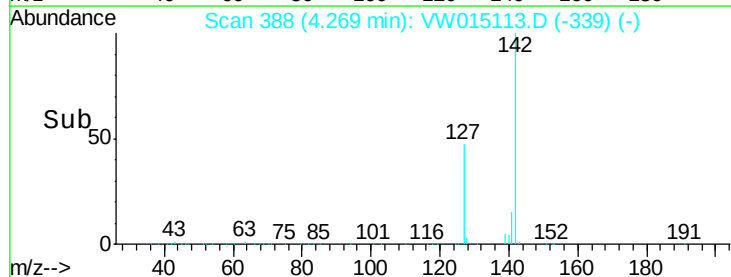
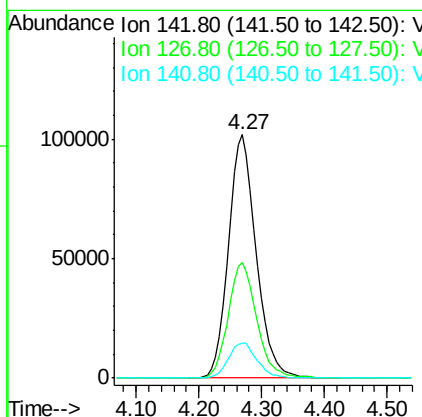
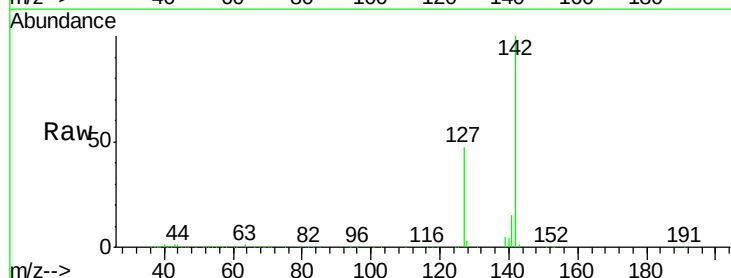
RT: 4.27 min Scan# 388

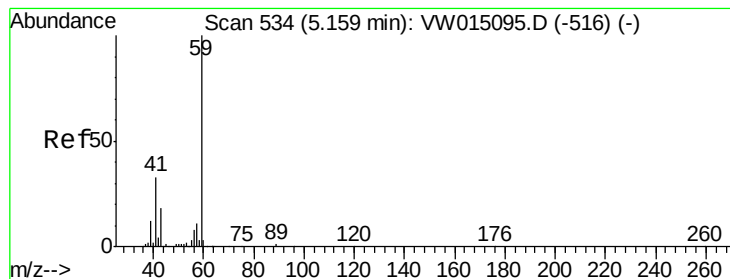
Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Tgt Ion:	142	Resp:	310492
Ion Ratio	Lower	Upper	
142	100		
127	48.9	38.2	57.4
141	15.0	12.0	18.0





#11

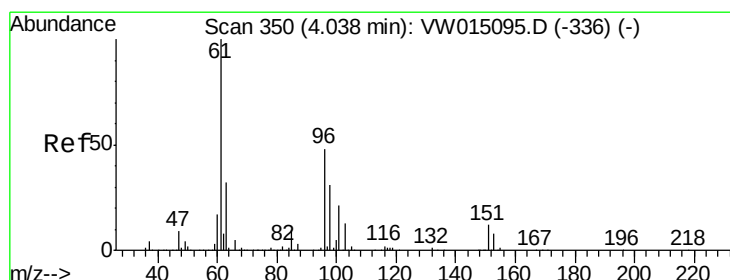
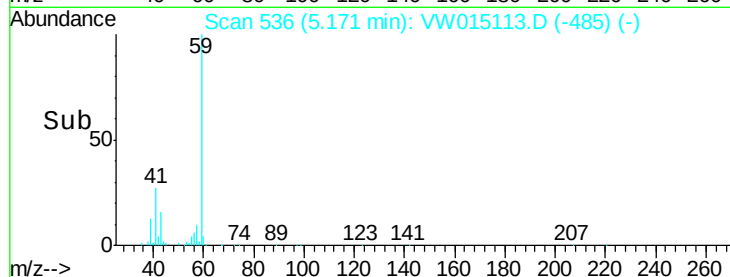
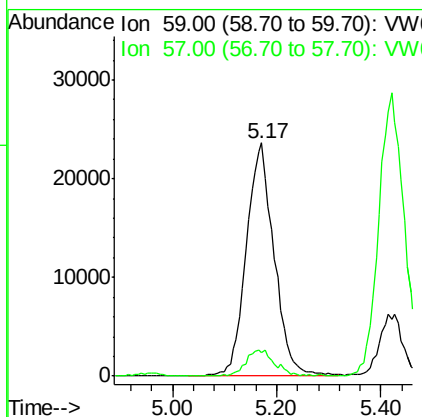
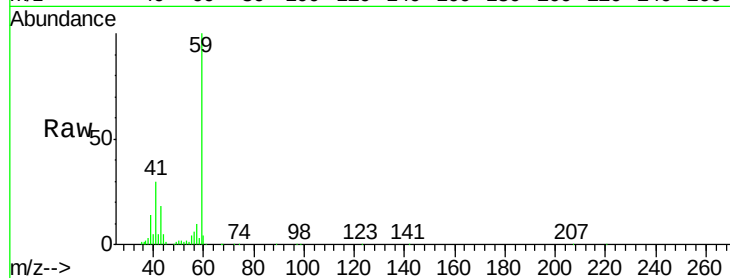
Tert butyl alcohol
Concen: 246.945 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.6	9.1	13.7

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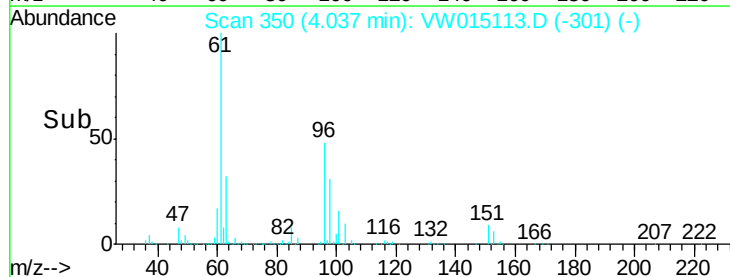
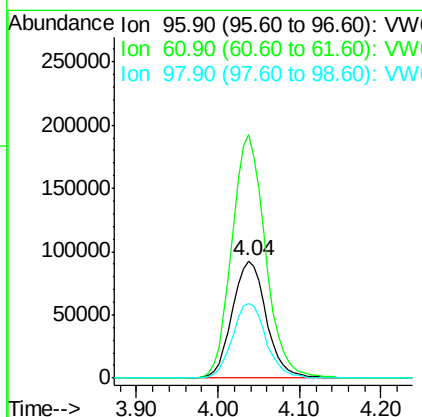
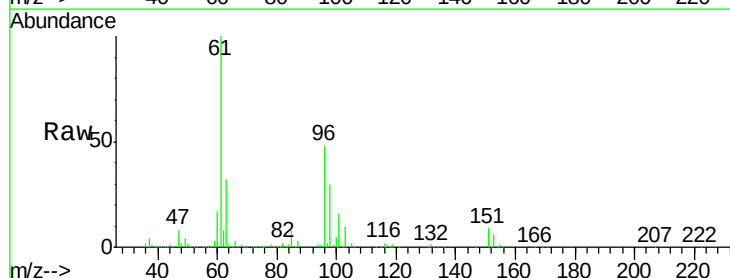
MMDadoda
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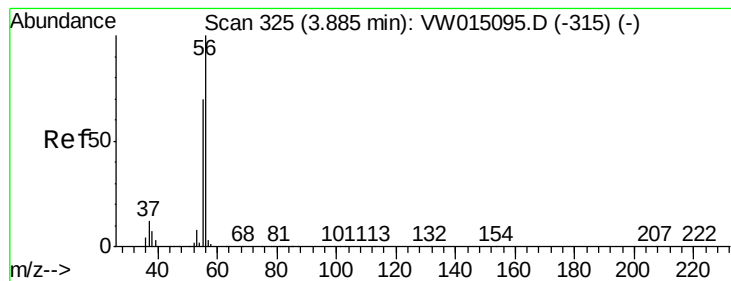


#12

1,1-Dichloroethene
Concen: 50.304 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	208.2	165.5	248.3
98	63.5	51.1	76.7





#13

Acrolein

Concen: 238.298 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 123044

Ion Ratio Lower Upper

56 100

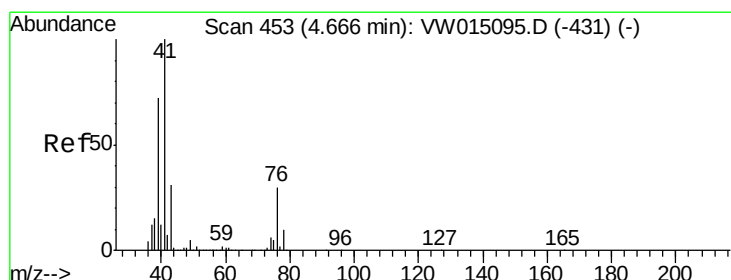
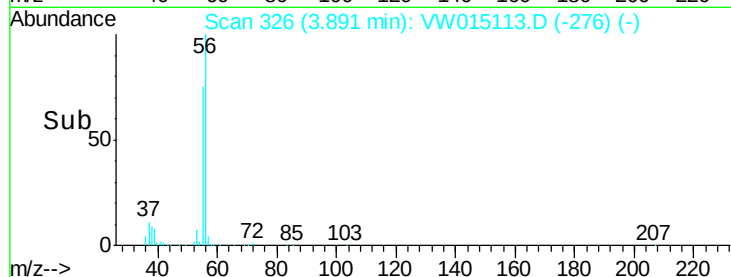
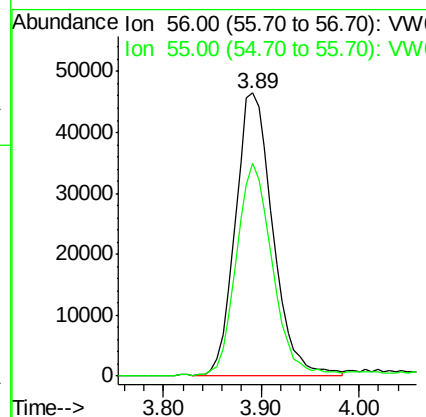
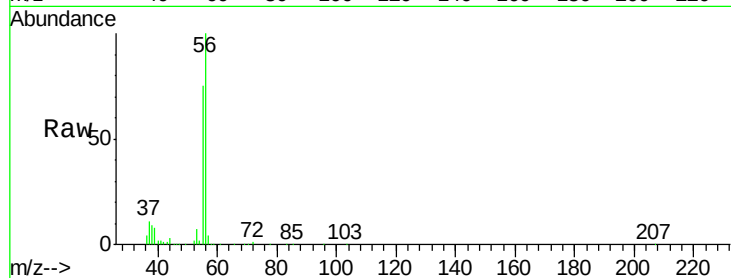
55 71.5 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 54.974 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

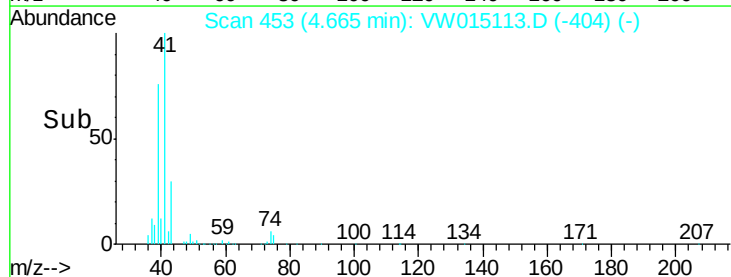
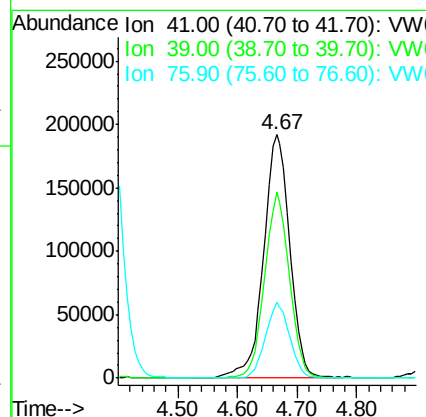
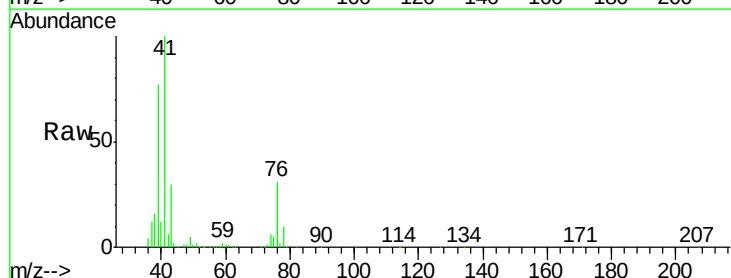
Tgt Ion: 41 Resp: 584815

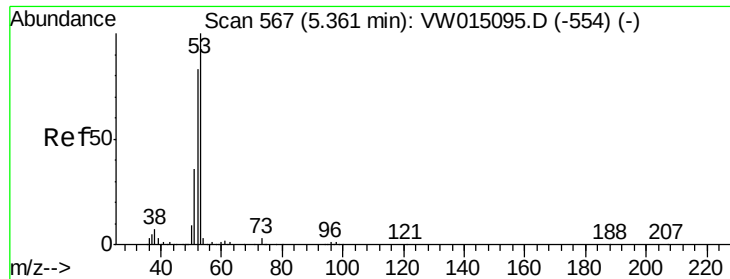
Ion Ratio Lower Upper

41 100

39 72.4 56.9 85.3

76 28.5 23.2 34.8





#15

Acrylonitrile

Concen: 260.709 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Instrument :

MSVOA_W

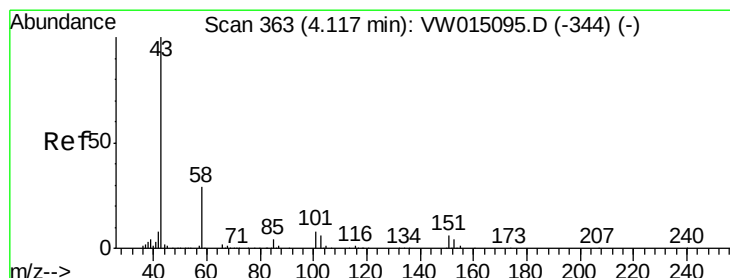
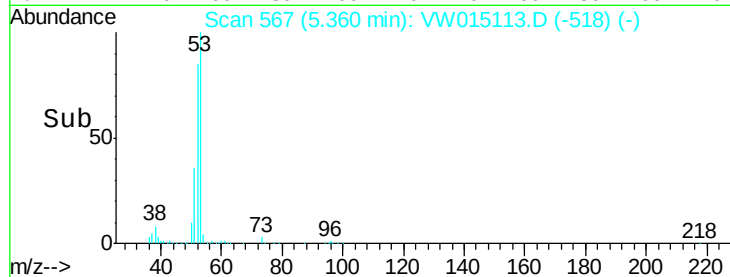
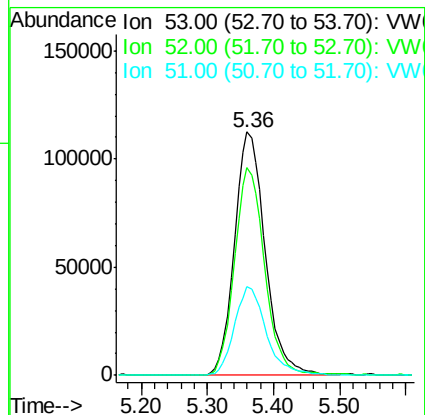
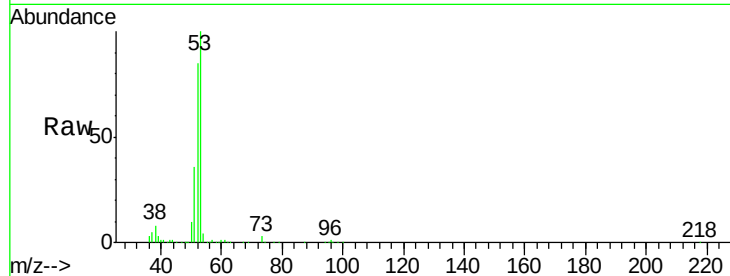
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	362676
Ion	Ratio	Lower	Upper
53	100		
52	84.0	67.2	100.8
51	37.8	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 287.600 ug/l

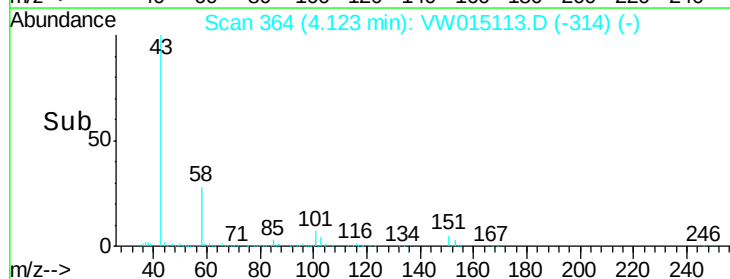
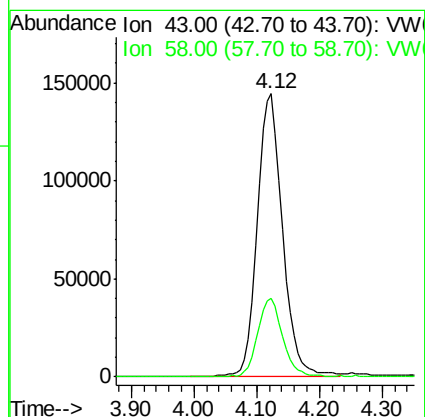
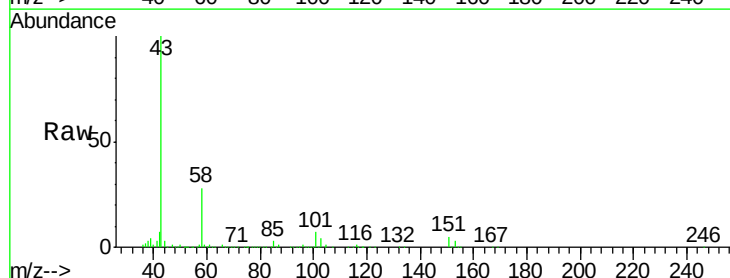
RT: 4.12 min Scan# 364

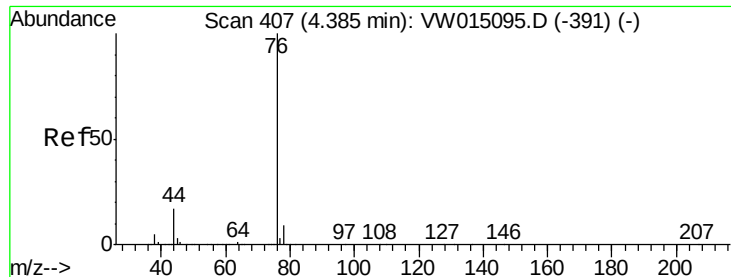
Delta R.T. 0.01 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Tgt Ion:	43	Resp:	402933
Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.9	34.3





#17

Carbon Disulfide

Concen: 49.745 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Instrument :

MSVOA_W

ClientSampleID :

VSTDCCC050EC

Tot Ion: 76 Resp: 936251

Ion Ratio Lower Upper

76 100

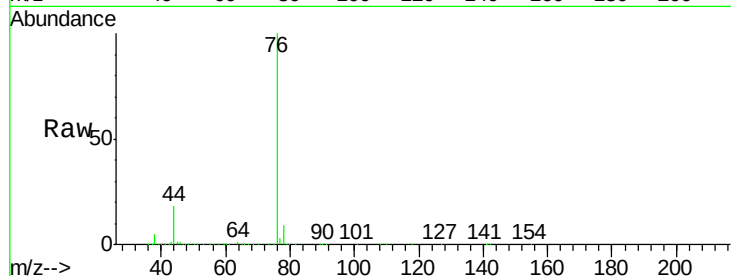
78 8.9 6.9 10.3

Manual Integrations

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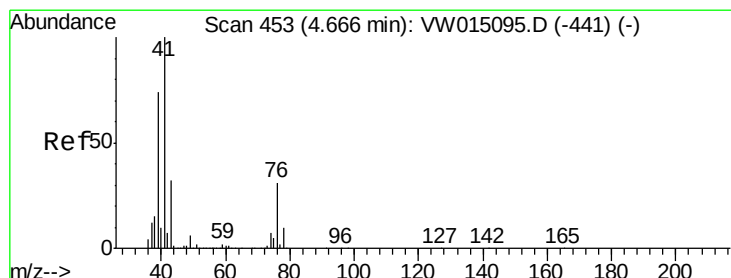
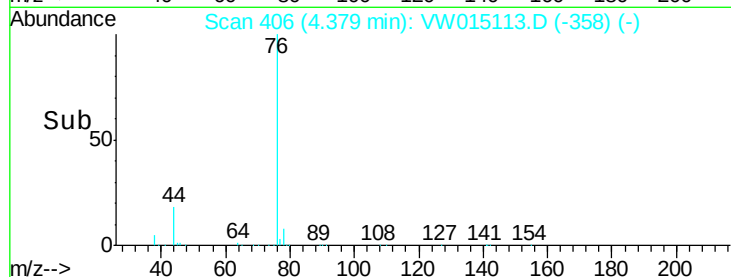
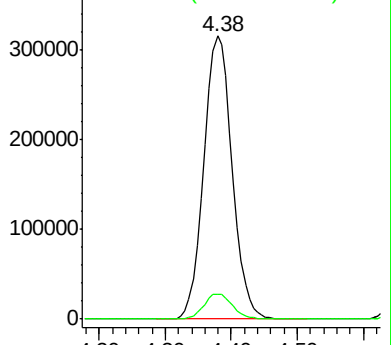
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 52.194 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW015113.D

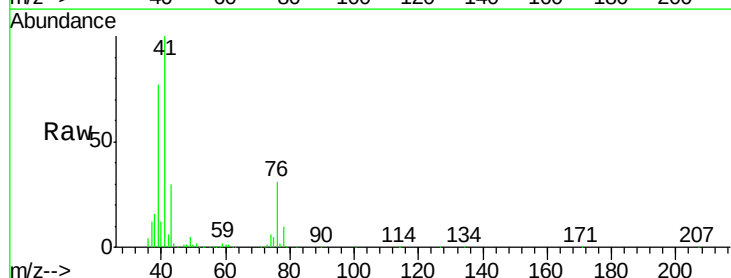
Acq: 10 Mar 2020 15:11

Tgt Ion: 43 Resp: 173343

Ion Ratio Lower Upper

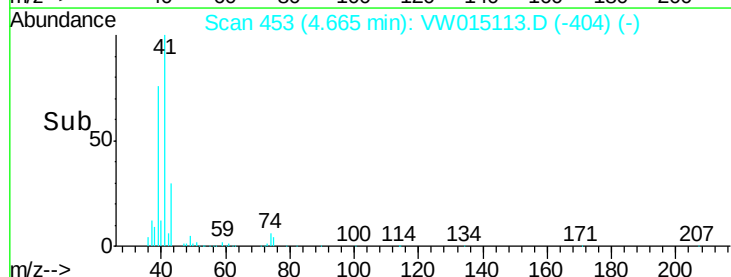
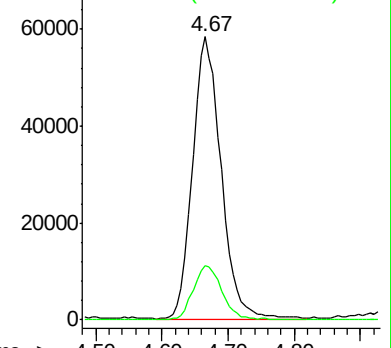
43 100

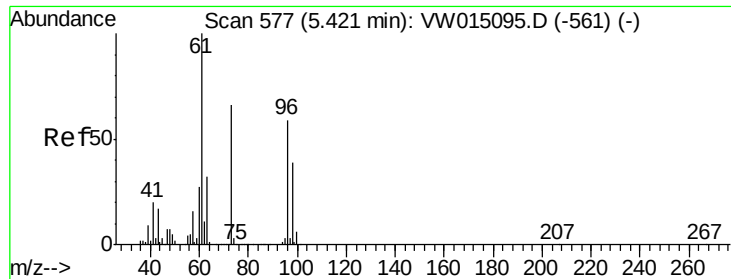
74 19.6 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





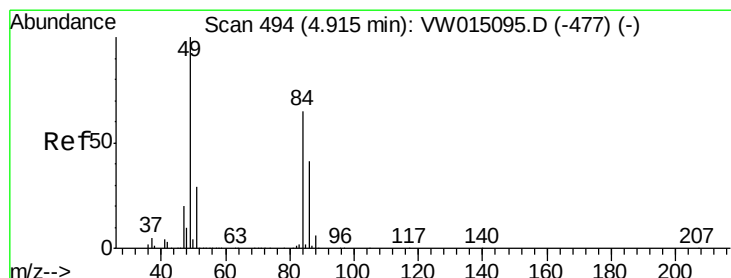
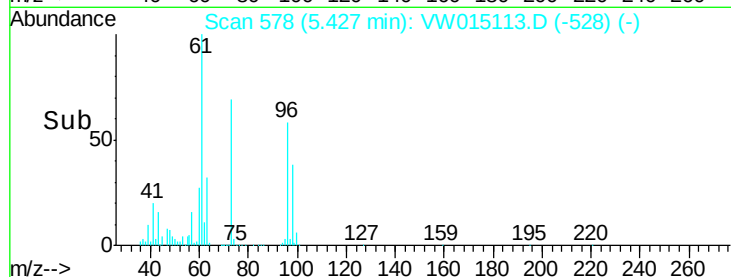
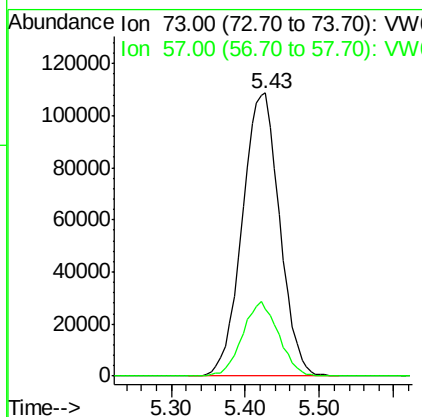
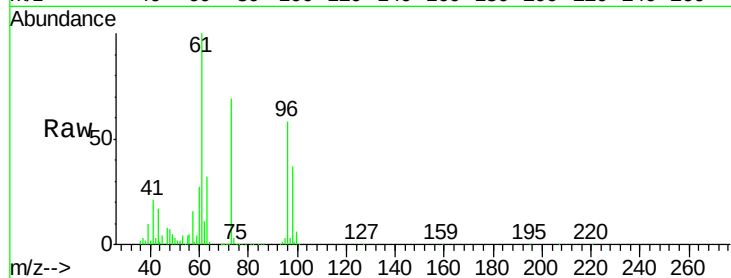
#19
Methyl tert-butyl Ether
Concen: 56.154 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 381592
Ion Ratio Lower Upper
73 100
57 23.7 19.3 28.9

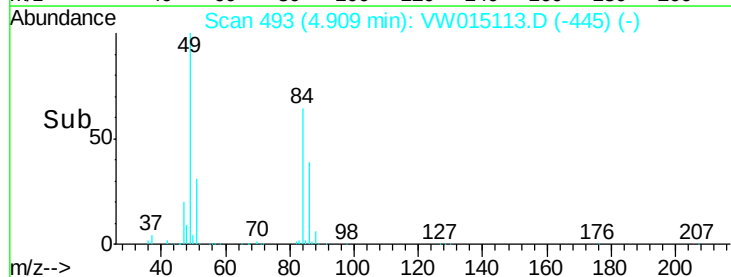
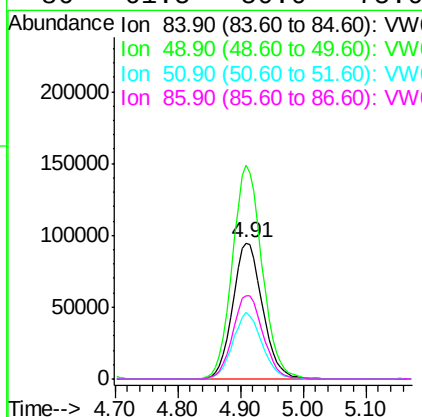
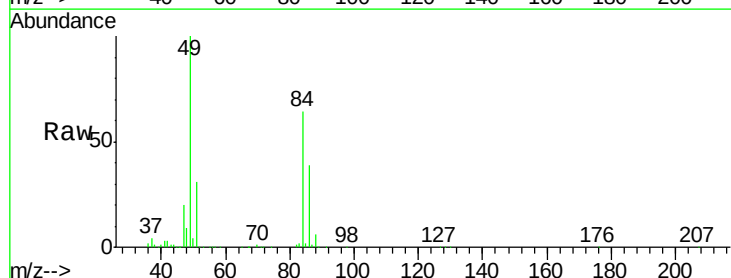
Manual Integrations
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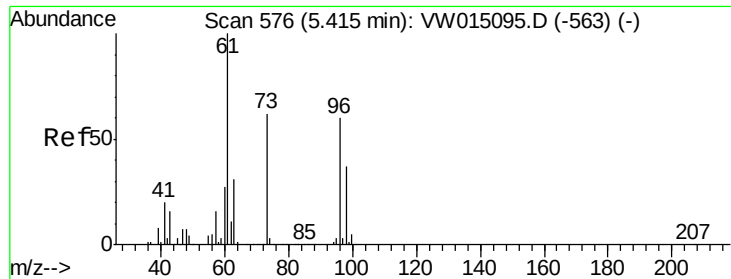
MMDadoda
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#20
Methylene Chloride
Concen: 54.819 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion: 84 Resp: 311361
Ion Ratio Lower Upper
84 100
49 157.1 122.8 184.2
51 48.8 35.9 53.9
86 61.5 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 53.279 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Instrument :

MSVOA_W

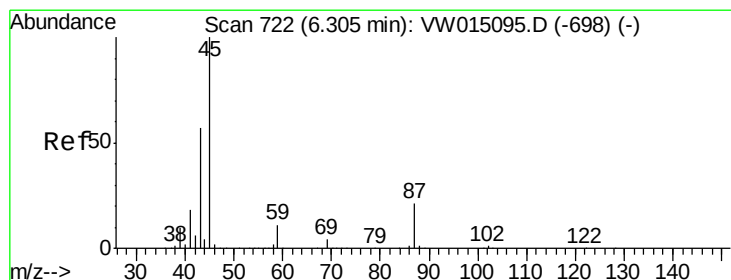
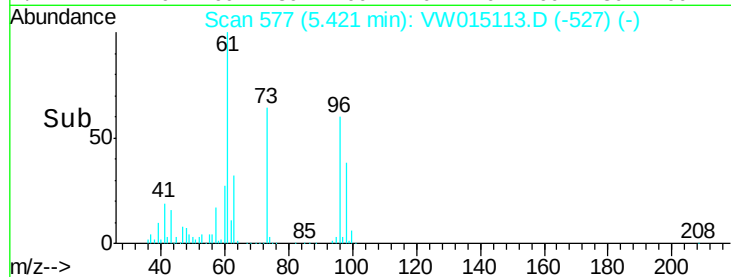
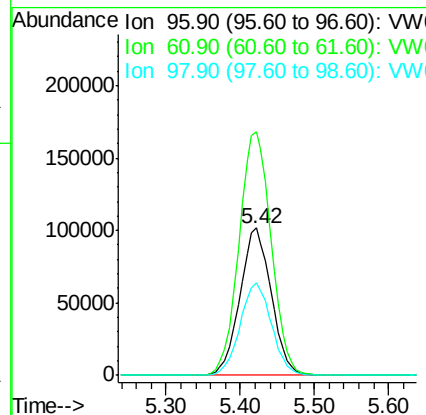
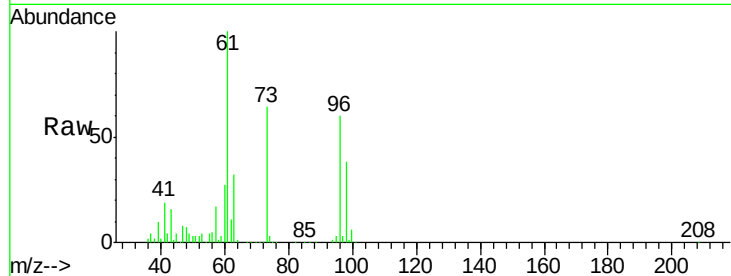
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	300283
Ion Ratio	Lower	Upper	
96	100		
61	165.4	132.5	198.7
98	63.3	48.9	73.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 56.323 ug/l

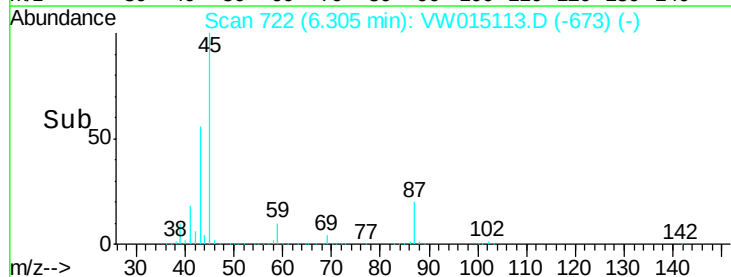
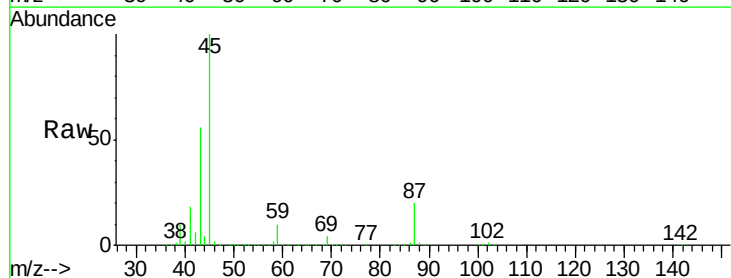
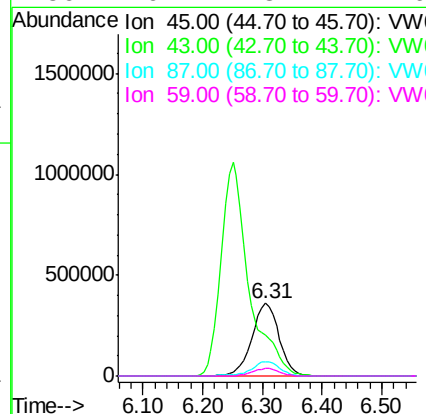
RT: 6.31 min Scan# 722

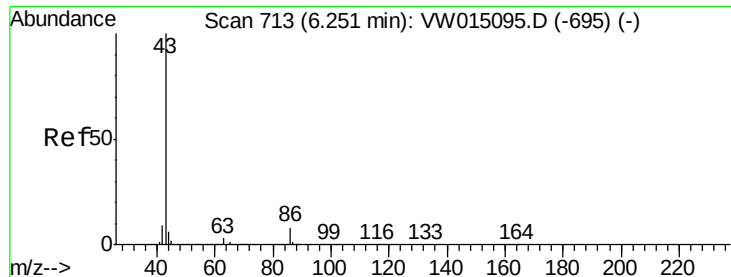
Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Tgt Ion:	45	Resp:	1149665
Ion Ratio	Lower	Upper	
45	100		
43	56.0	45.4	68.0
87	19.9	16.4	24.6
59	10.1	8.4	12.6





#23

Vinyl Acetate

Concen: 284.778 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Tot Ion: 43 Resp: 3431462

Ion Ratio Lower Upper

43 100

86 7.8 6.3 9.5

Instrument :

MSVOA_W

ClientSampleId :

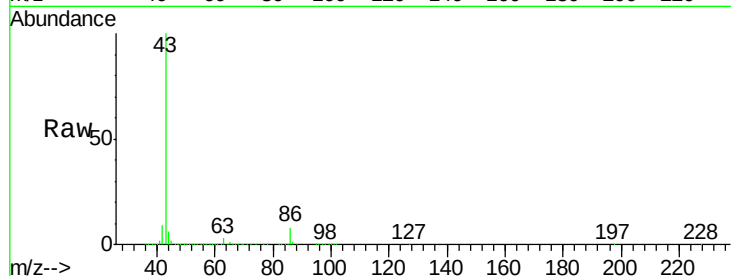
VSTDCCC050EC

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

1200000

1000000

800000

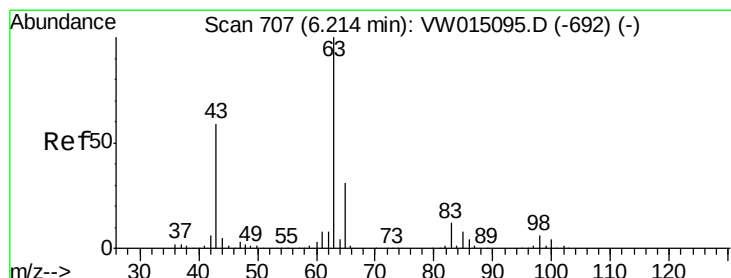
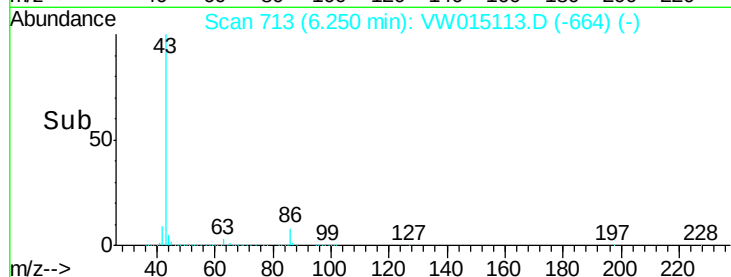
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.343 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

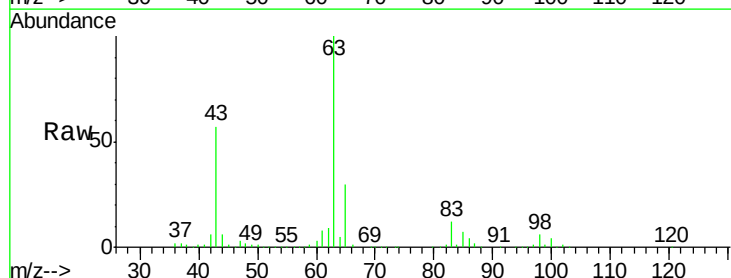
Tgt Ion: 63 Resp: 623057

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

100 3.9 2.1 6.3



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

250000

200000

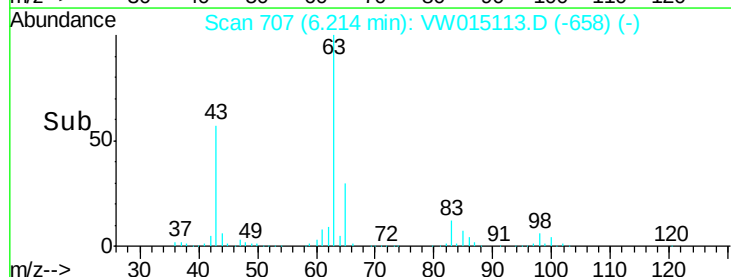
150000

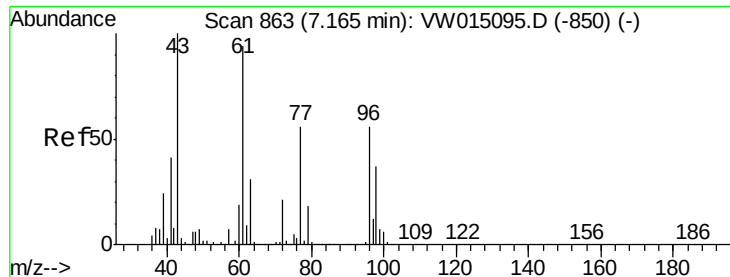
100000

50000

0

Time-->





#25

2-Butanone

Concen: 279.088 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 536028

Ion Ratio Lower Upper

43 100

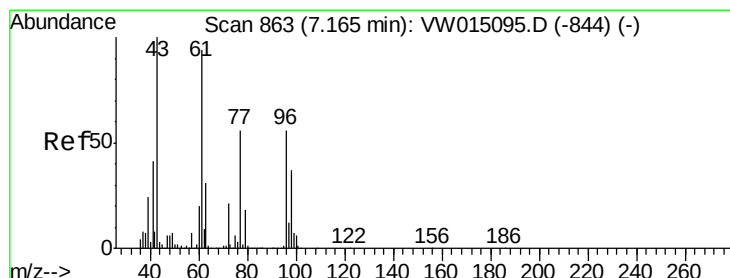
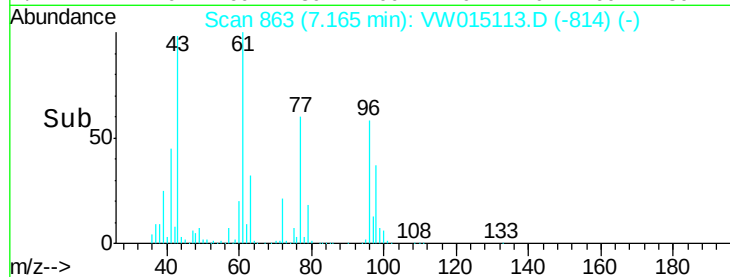
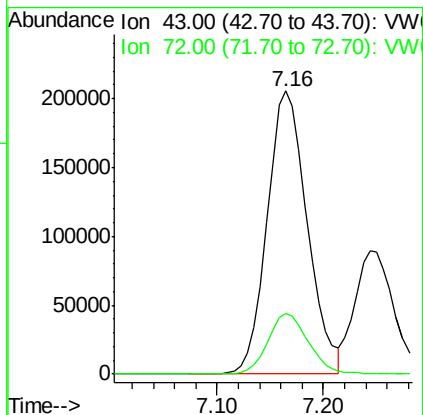
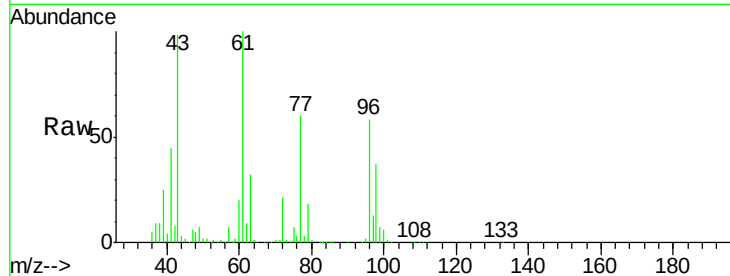
72 21.3 17.0 25.6

Manual Integrations

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3/11/2020 3:22:16 PM



#26

2,2-Dichloropropane

Concen: 54.075 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW015113.D

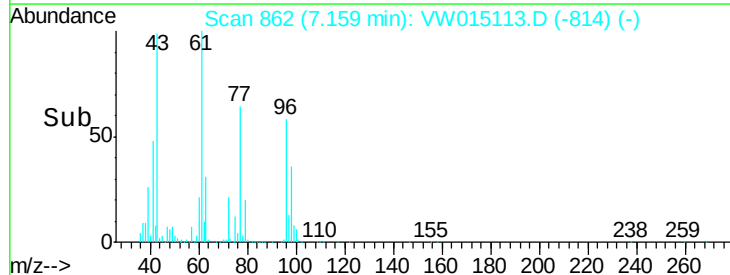
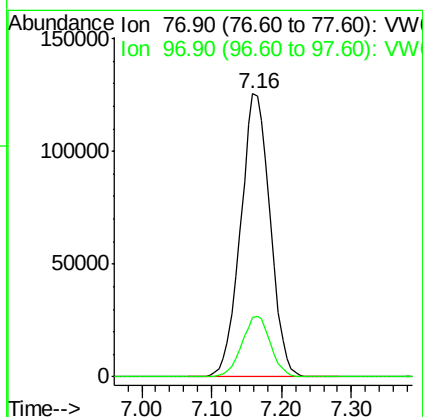
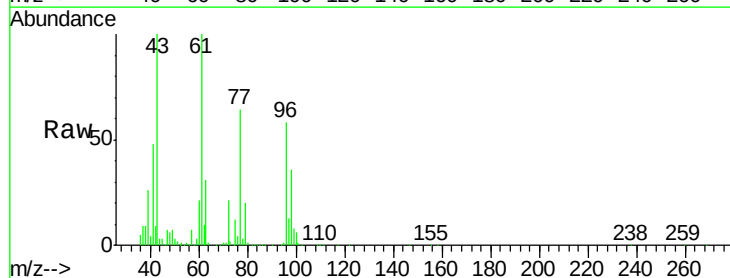
Acq: 10 Mar 2020 15:11

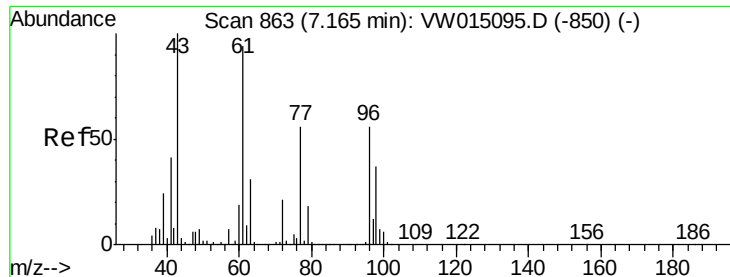
Tgt Ion: 77 Resp: 368139

Ion Ratio Lower Upper

77 100

97 20.6 10.6 31.8





#27

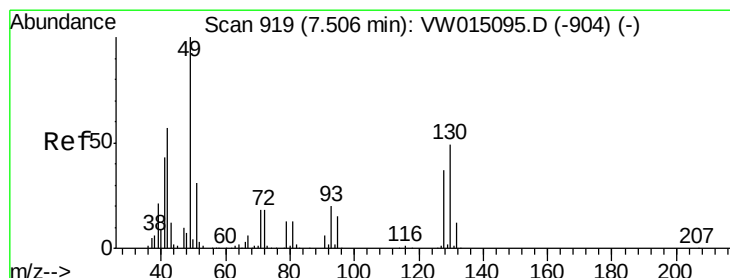
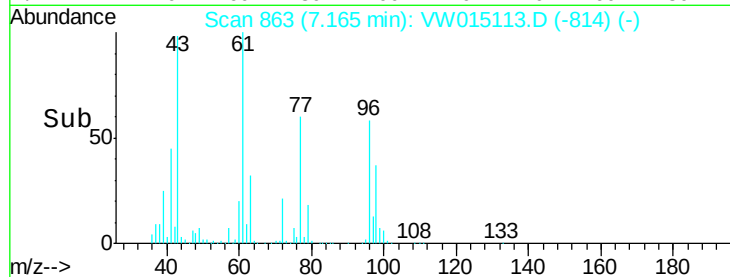
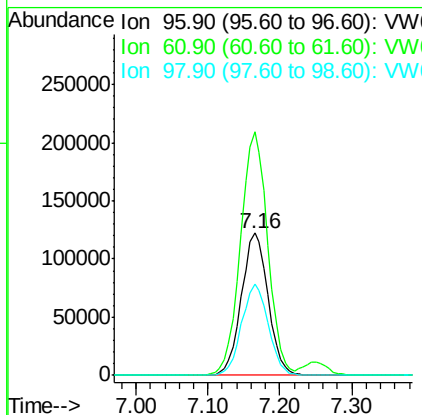
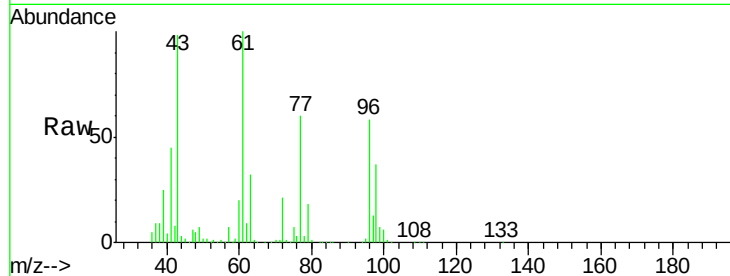
cis-1,2-Dichloroethene
Concen: 53.335 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	312953		
61	175.2	0.0	343.4	
98	64.3	0.0	127.6	

Manual Integrations
APPROVED

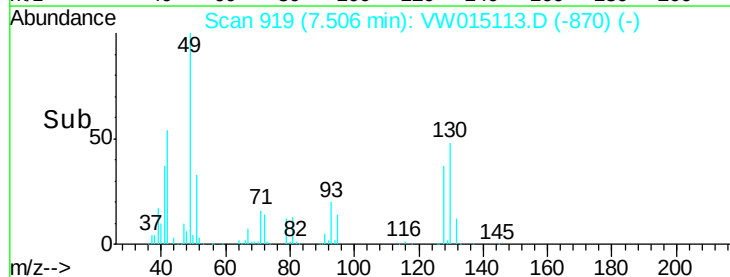
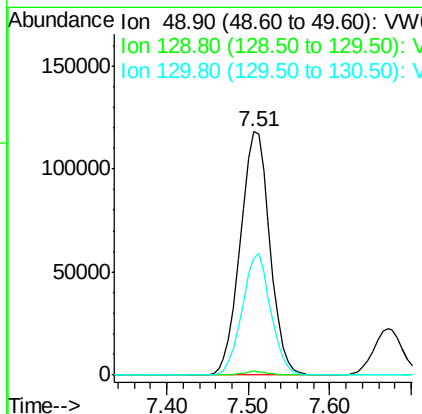
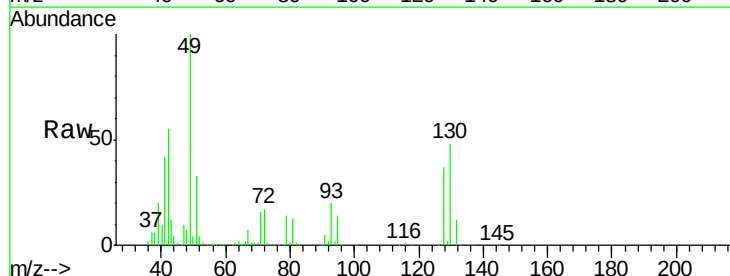
MMDadoda
3/11/2020 3:22:16 PM

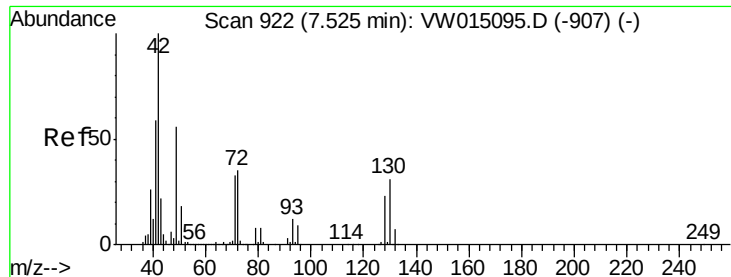


#28

Bromochloromethane
Concen: 52.138 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	297376		
129	1.4	0.0	3.0	
130	47.9	39.8	59.6	





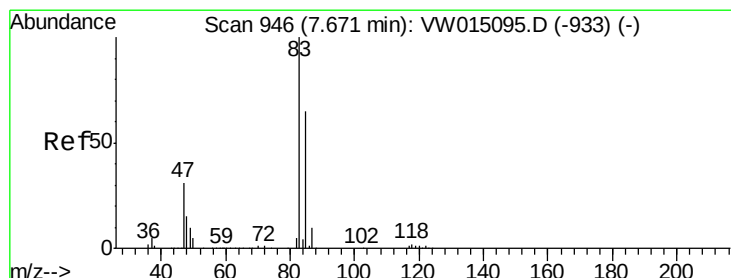
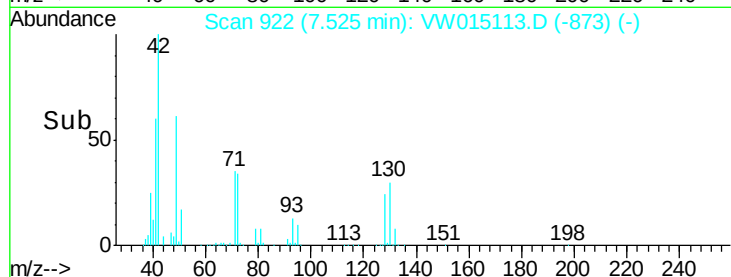
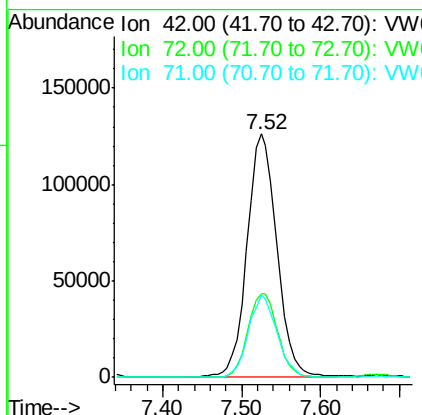
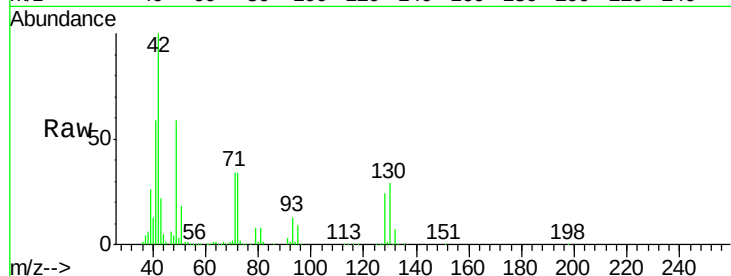
#29
Tetrahydrofuran
Concen: 275.184 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.4	27.8	41.6
71	32.4	26.4	39.6

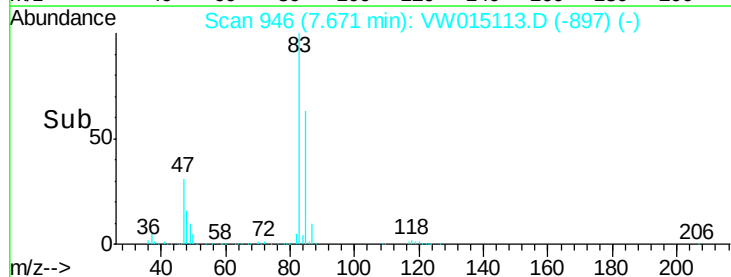
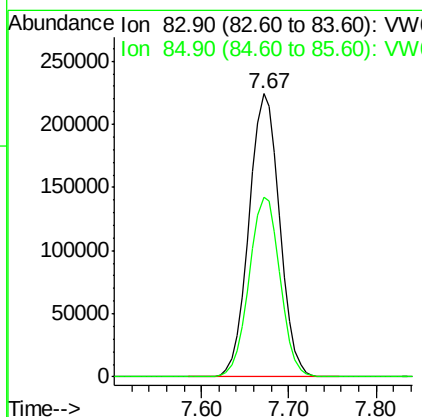
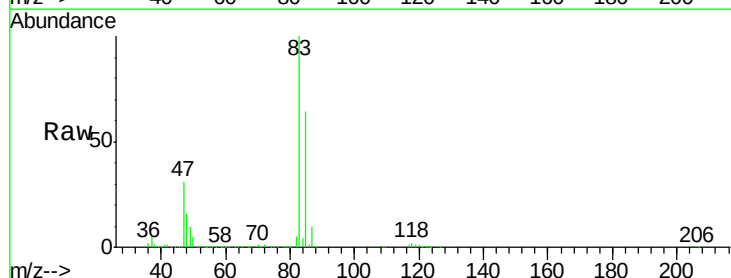
Manual Integrations
APPROVED

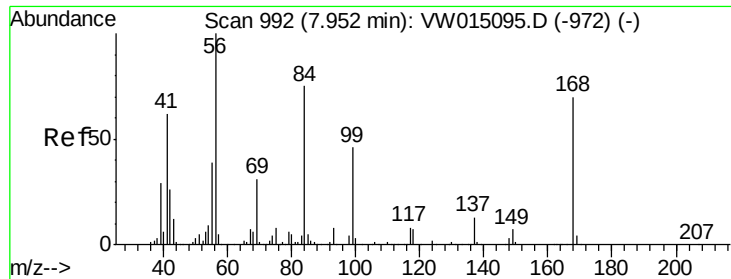
MMDadoda
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#30
Chloroform
Concen: 51.656 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.9	77.9





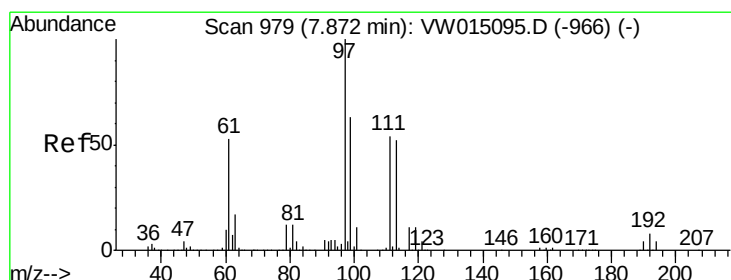
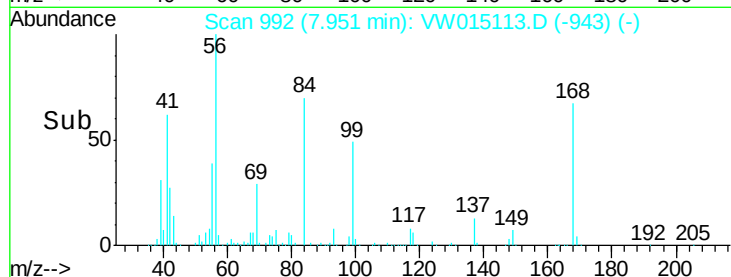
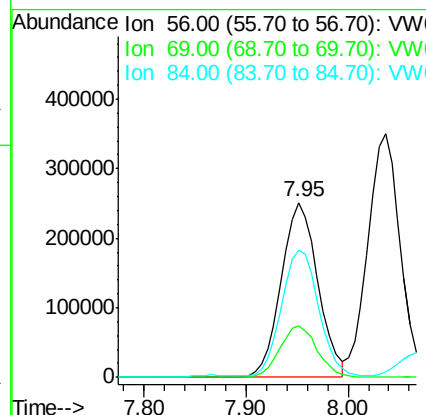
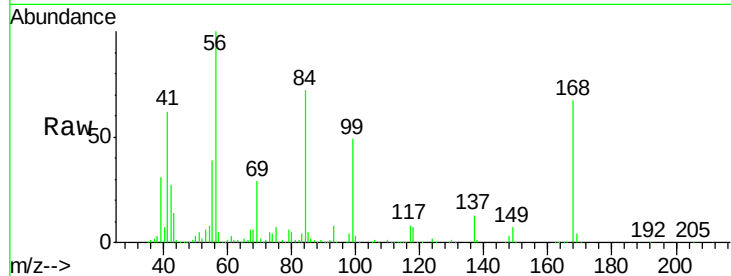
#31
Cyclohexane
Concen: 51.136 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.6	37.0
84	71.7	59.9	89.9

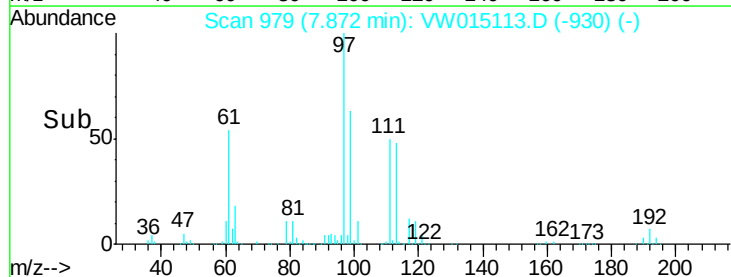
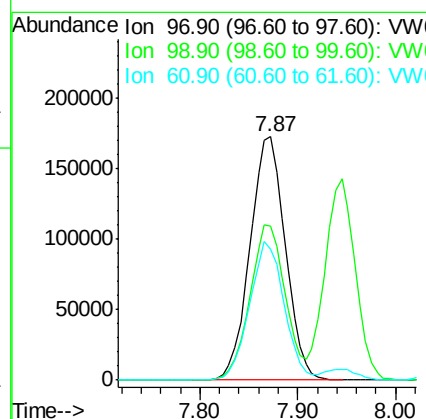
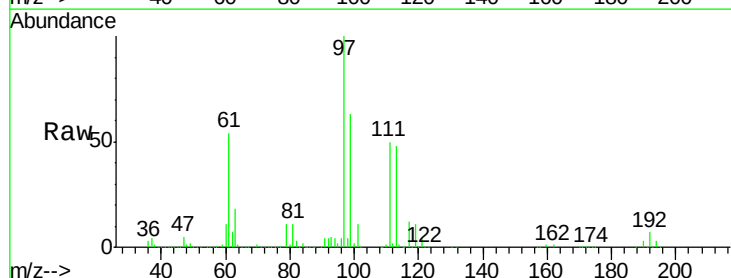
Manual Integrations
APPROVED

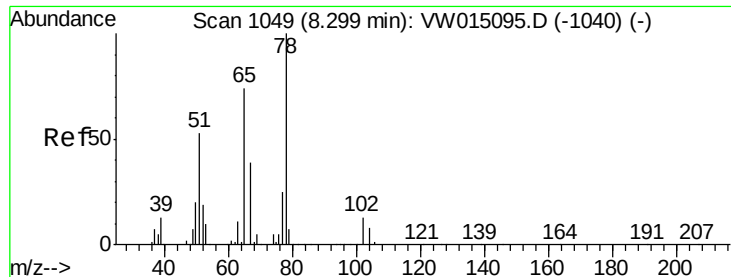
MMDadoda
3/11/2020 3:22:16 PM



#32
1,1,1-Trichloroethane
Concen: 52.463 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.3	76.9
61	55.8	44.0	66.0





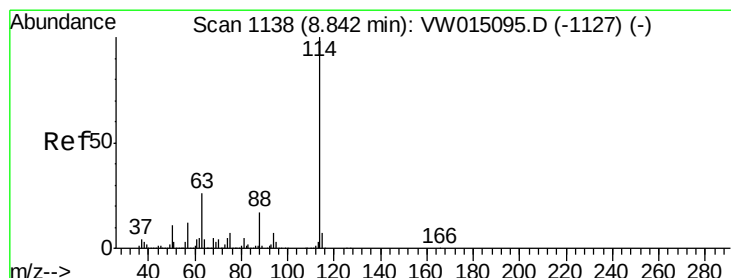
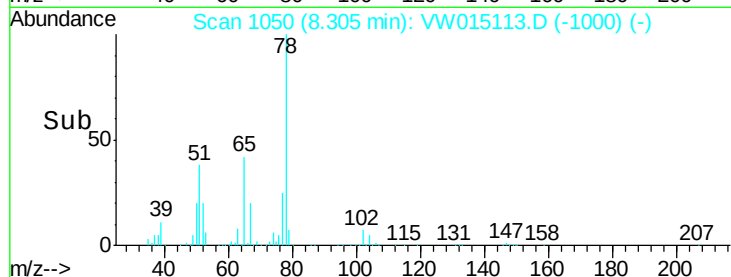
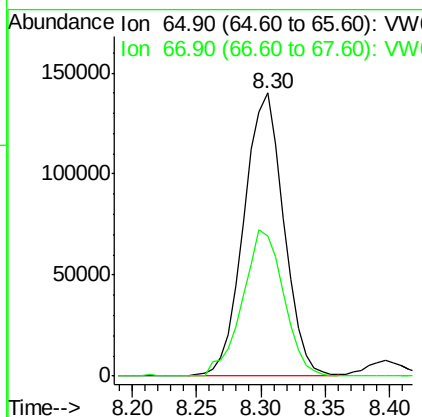
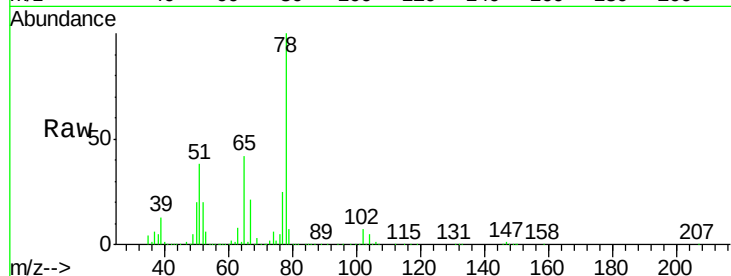
#33
 1,2-Dichloroethane-d4
 Concen: 48.929 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VW015113.D
 Acq: 10 Mar 2020 15:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	300587		
67	53.4	0.0	105.0	

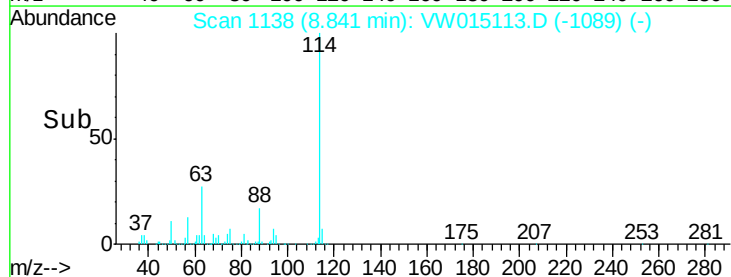
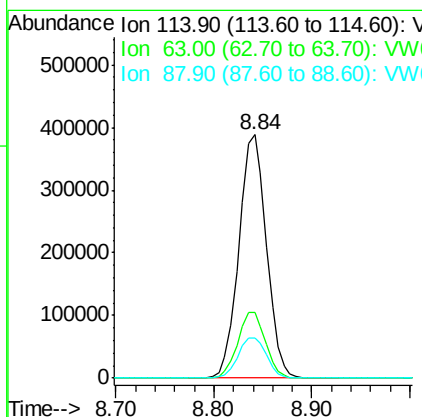
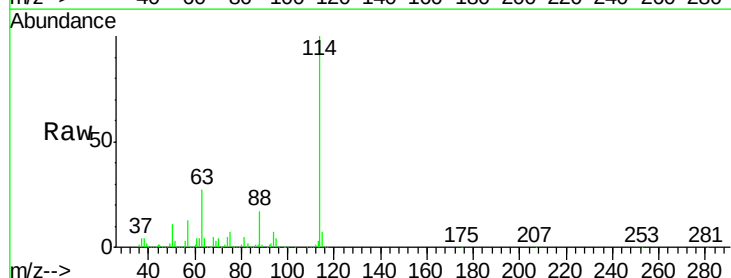
Manual Integrations
 APPROVED

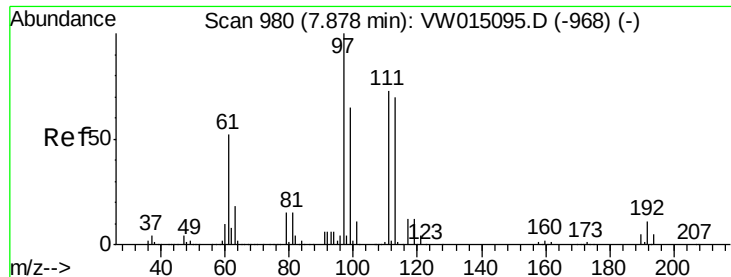
MMDadoda
 3/11/2020 3:22:16 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015113.D
 Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	758344		
63	27.0	0.0	52.0	
88	16.6	0.0	34.2	





#35

Dibromofluoromethane

Concen: 50.231 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Instrument :

MSVOA_W

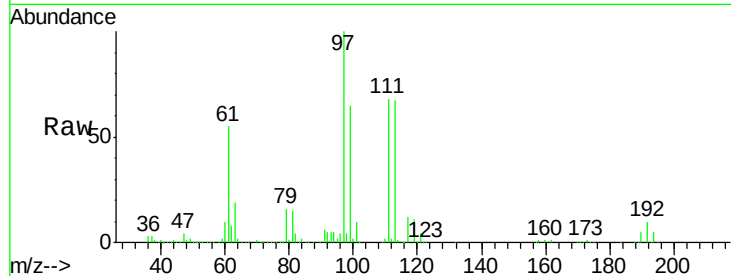
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	228055		
111	103.3	83.6	125.4	
192	15.7	12.4	18.6	

Manual Integrations
APPROVED

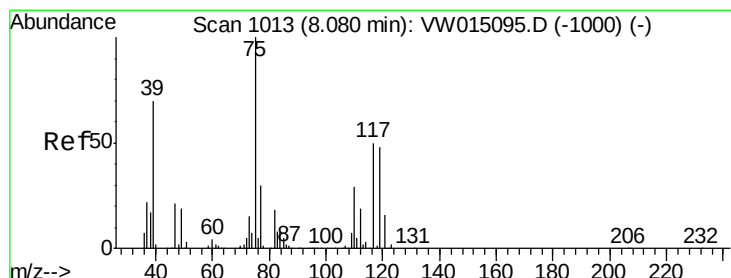
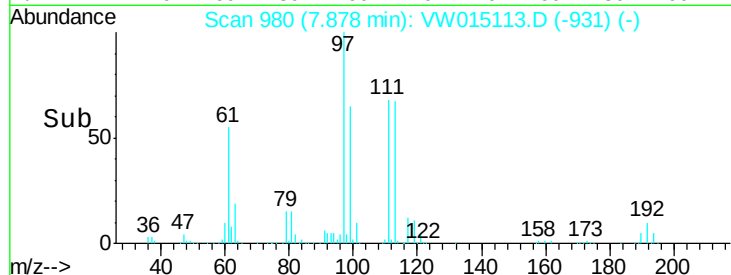
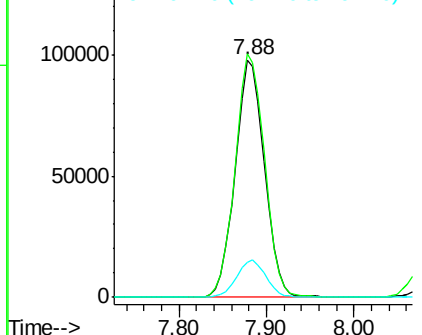
MMDadoda
3/11/2020 3:22:16 PM



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 54.684 ug/l

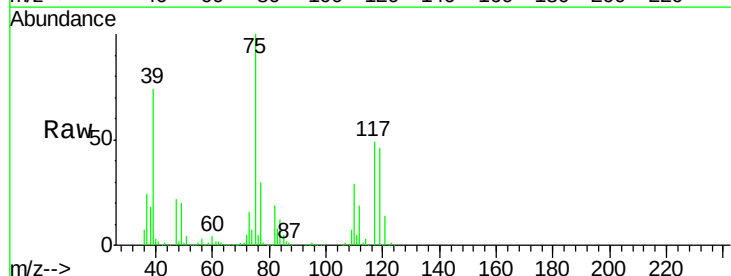
RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

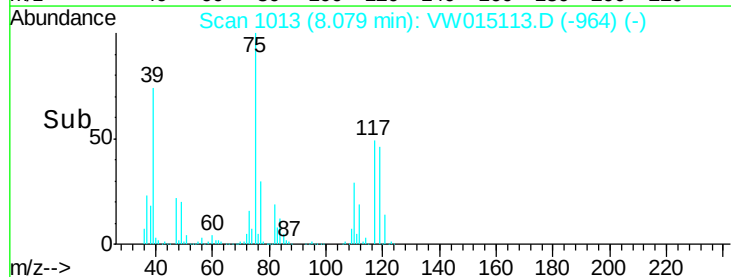
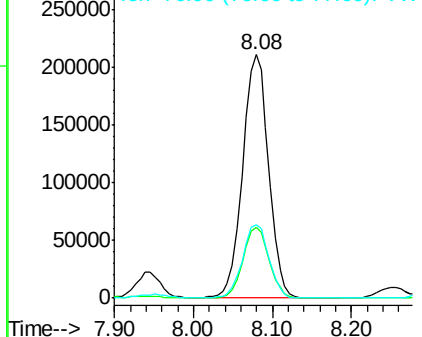
Tgt Ion	Ratio	Resp	Lower	Upper
75	100	480912		
110	29.2	14.7	44.1	
77	30.9	24.2	36.4	

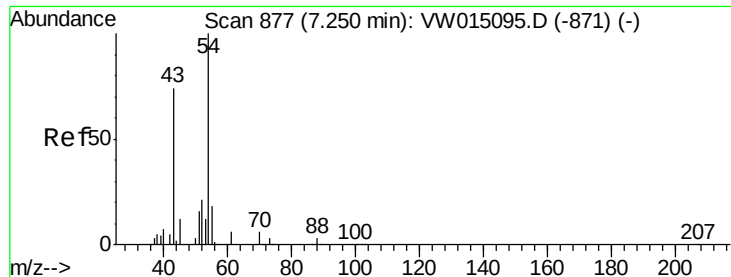


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





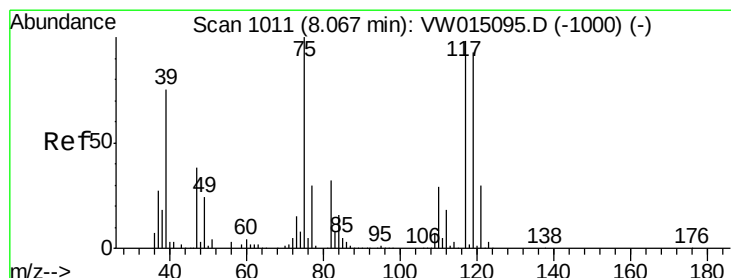
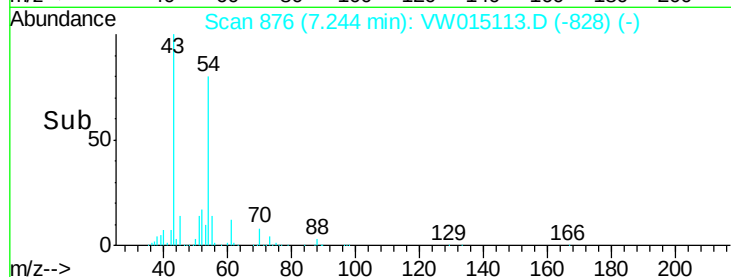
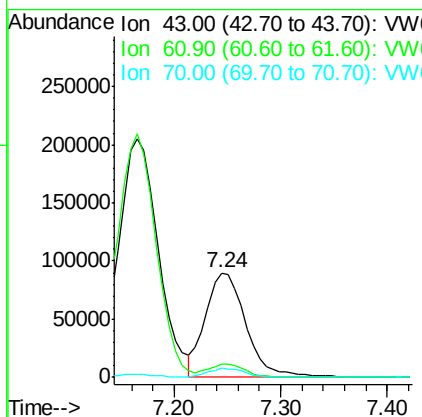
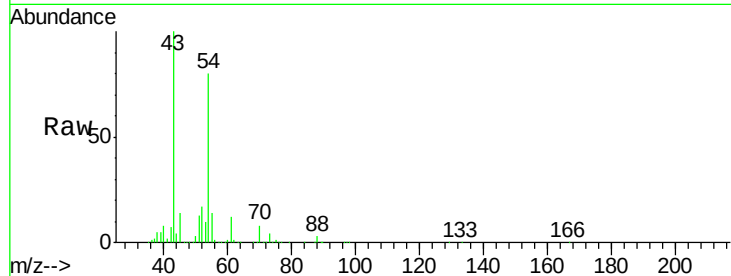
#37
Ethyl Acetate
Concen: 53.015 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.6	14.4
70	8.3	6.5	9.7

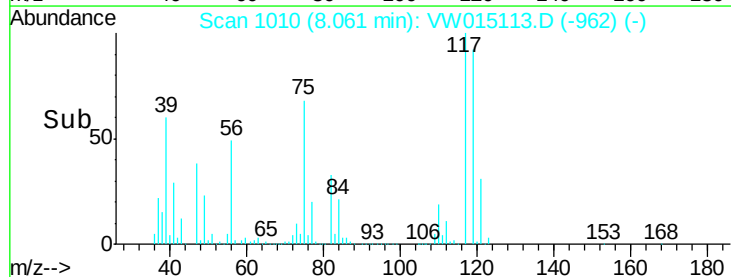
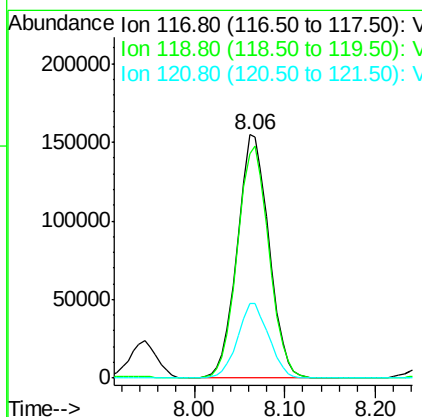
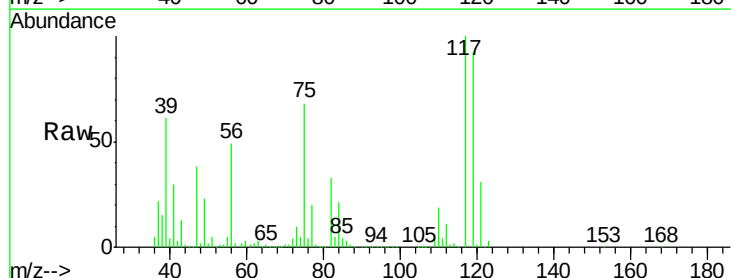
Manual Integrations
APPROVED

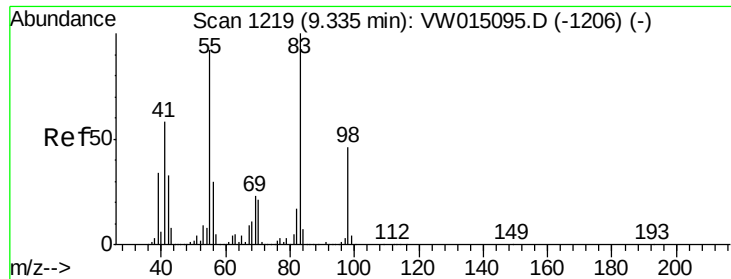
MMDadoda
3/11/2020 3:22:16 PM



#38
Carbon Tetrachloride
Concen: 52.476 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	75.8	113.8
121	30.5	24.5	36.7





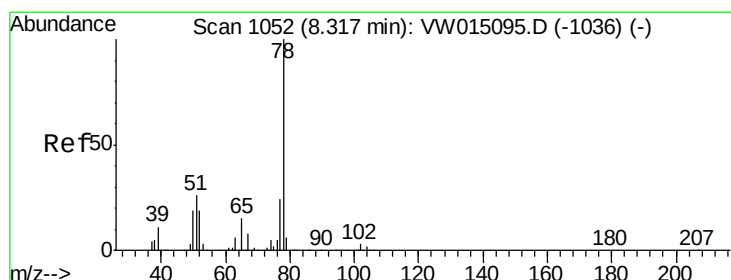
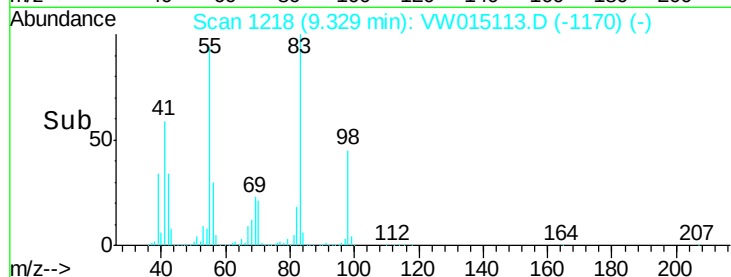
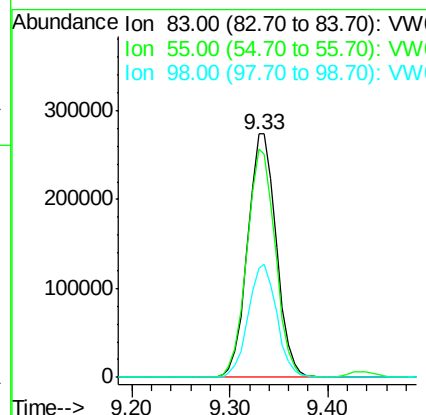
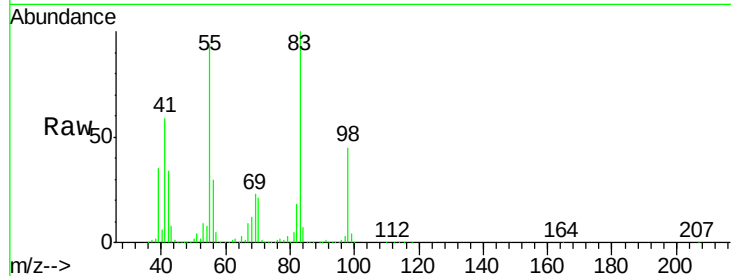
#39
Methylvlcyclohexane
Concen: 55.401 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	93.5	73.5	110.3
98	45.0	37.2	55.8

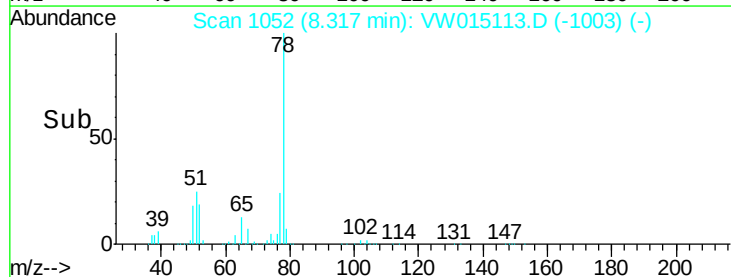
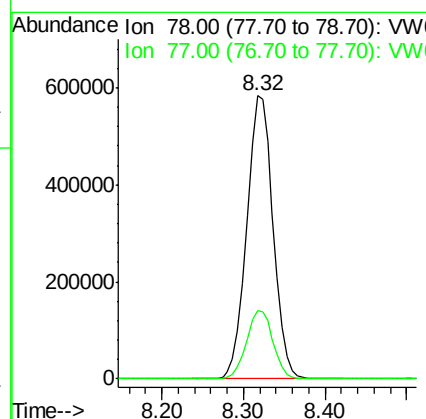
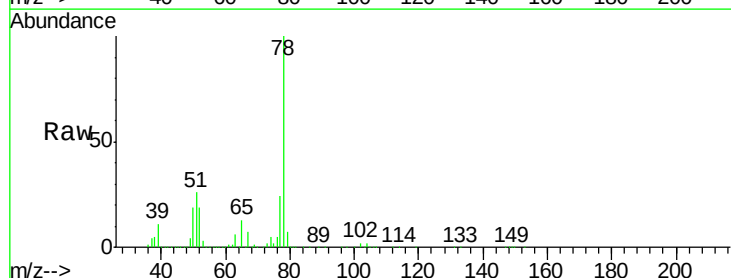
Manual Integrations
APPROVED

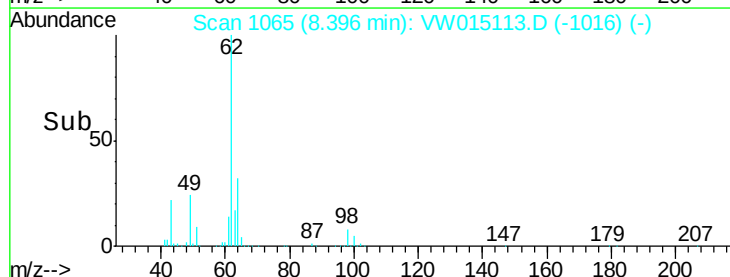
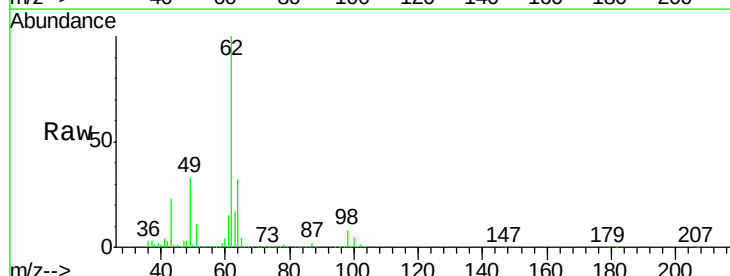
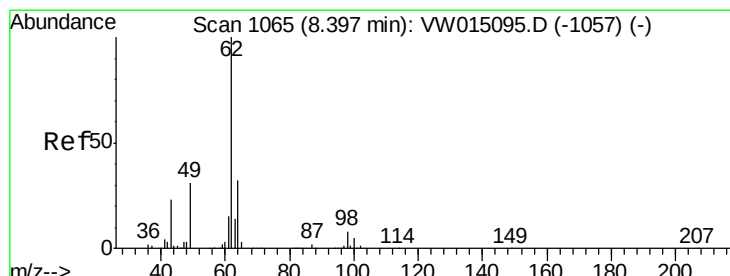
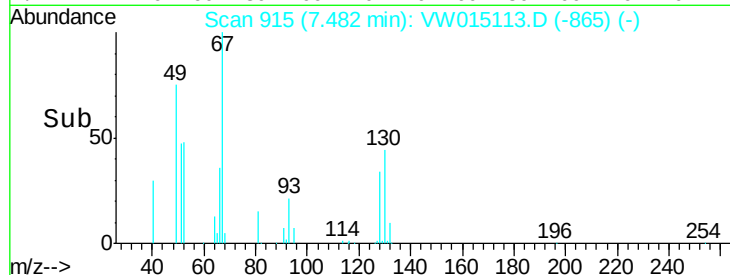
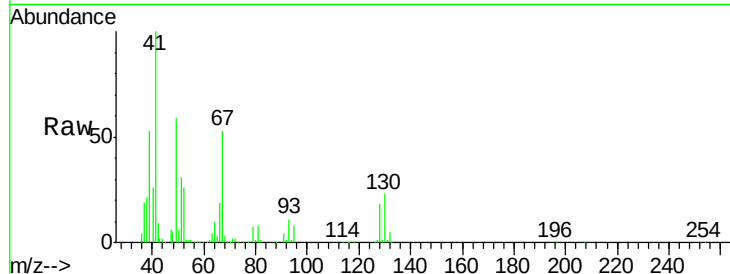
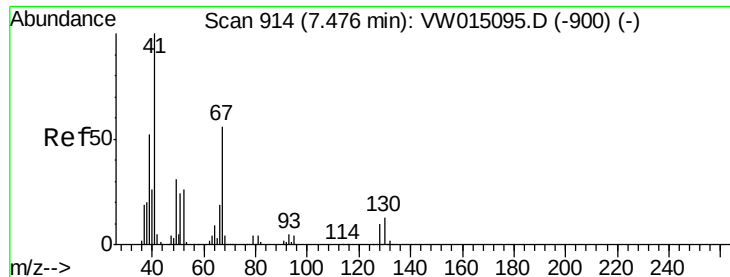
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3/11/2020 3:22:16 PM



#40
Benzene
Concen: 53.456 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

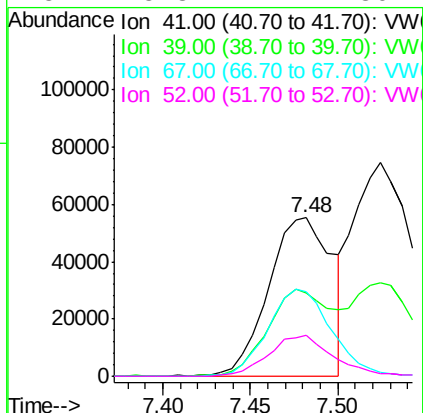
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.5	29.3





#41
Methacrylonitrile
Concen: 60.093 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tot Ion	41	Ratio	100	Resp	139298
Ion	41	Ratio	100	Lower	Upper
	39	54.9		49.0	73.4
	67	56.1		50.4	75.6
	52	25.8		24.2	36.4



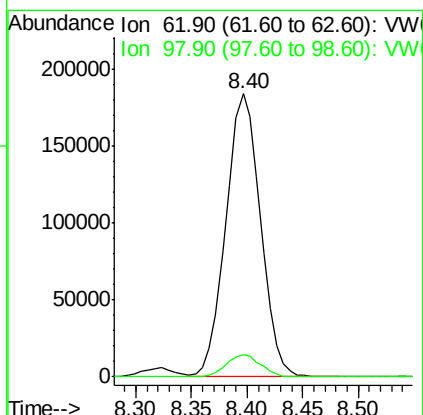
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

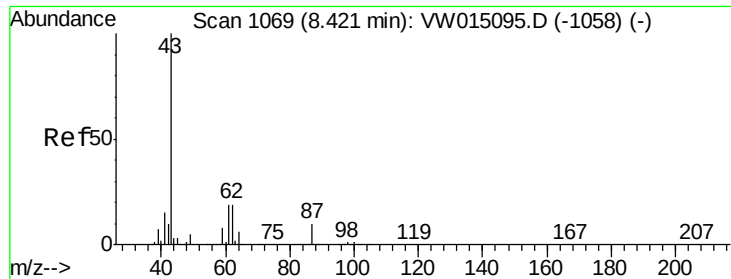
Manual Integrations
APPROVED

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3/11/2020 3:22:16 PM

#42
1,2-Dichloroethane
Concen: 53.175 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion	62	Ratio	100	Resp	395936
Ion	62	Ratio	100	Lower	Upper
	98	7.9		0.0	16.0





#43

Isopropyl Acetate

Concen: 54.631 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Instrument :

MSVOA_W

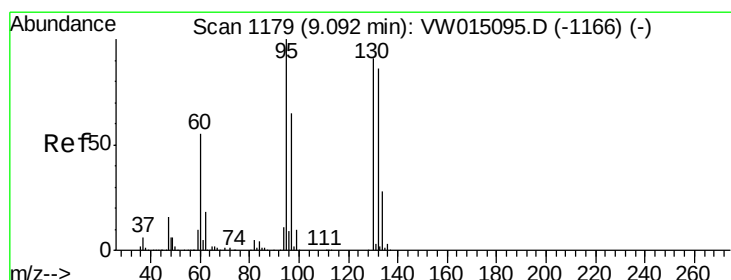
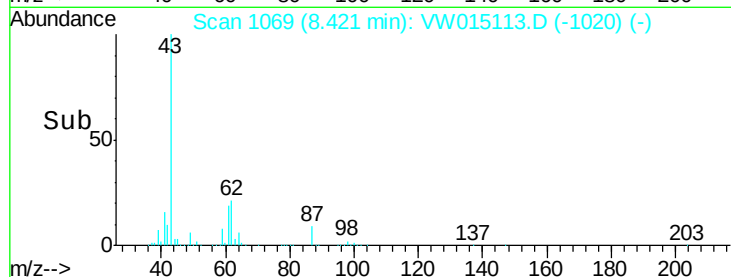
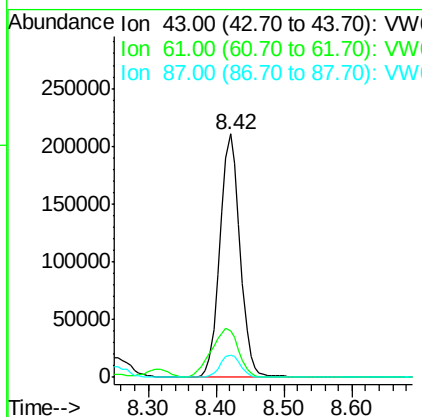
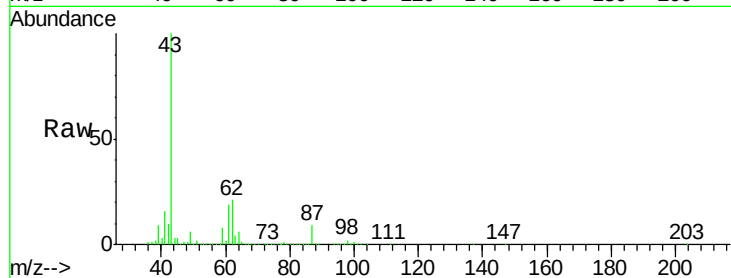
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	429282
Ion	Ratio	Lower	Upper
43	100		
61	27.3	21.8	32.8
87	9.6	8.0	12.0

Manual Integrations
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#44

Trichloroethene

Concen: 52.563 ug/l

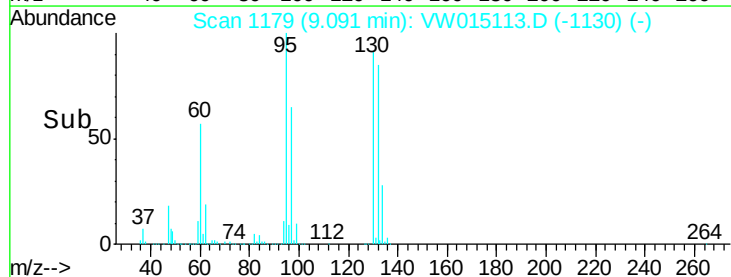
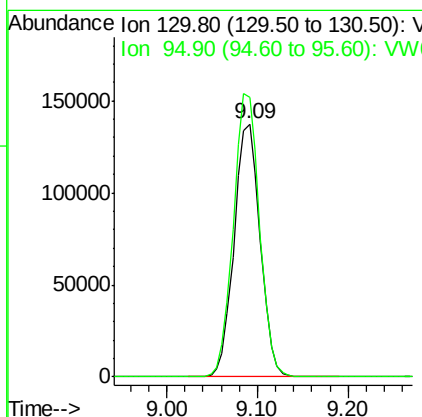
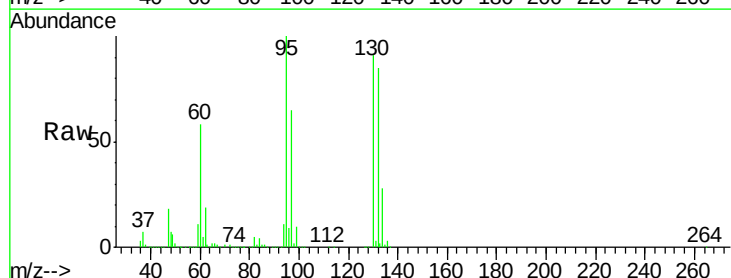
RT: 9.09 min Scan# 1179

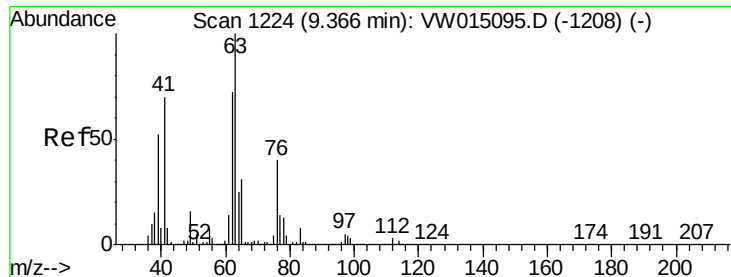
Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Tgt Ion:	130	Resp:	273450
Ion	Ratio	Lower	Upper
130	100		
95	110.4	0.0	219.8





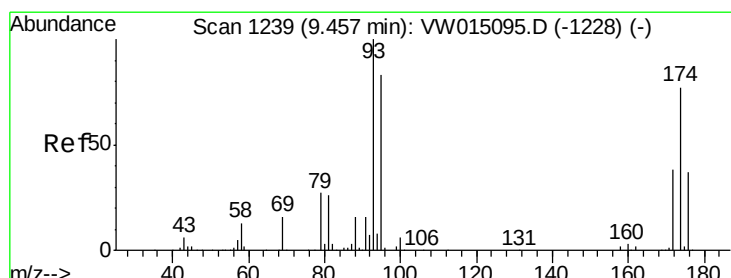
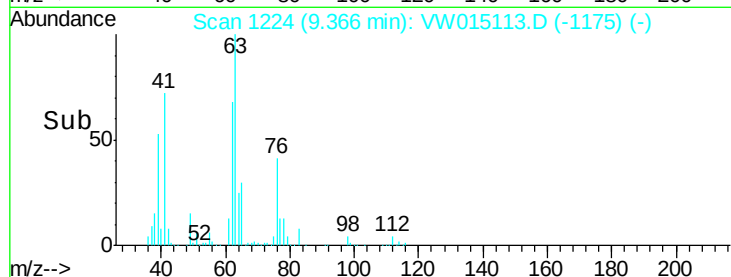
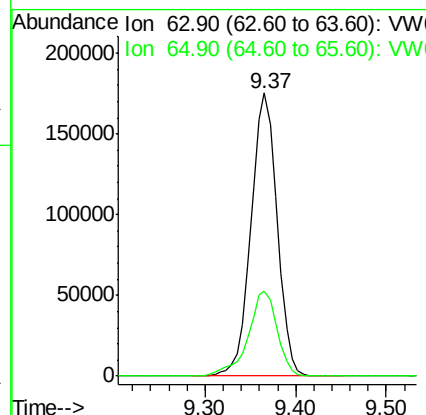
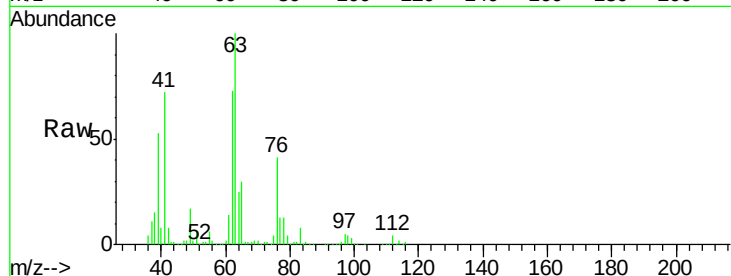
#45
 1,2-Dichloropropane
 Concen: 53.141 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW015113.D
 Acq: 10 Mar 2020 15:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.6	36.8

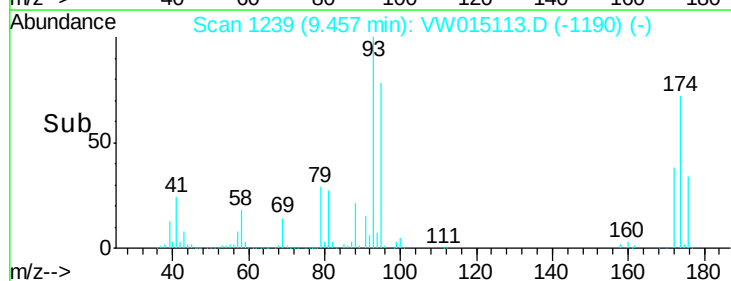
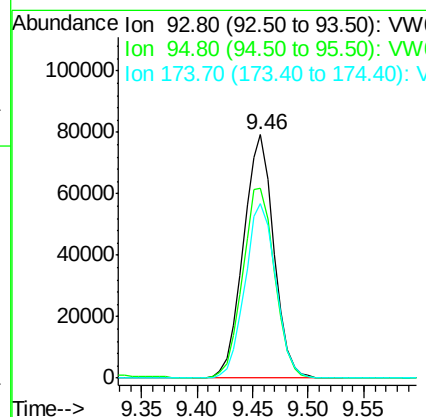
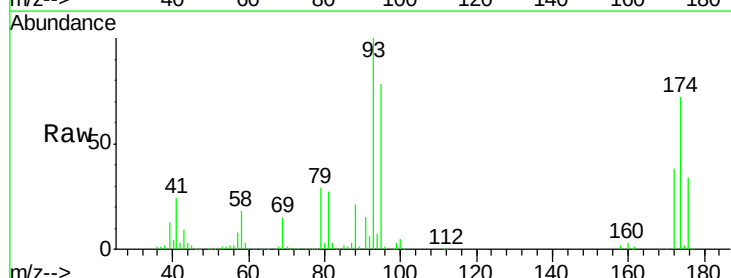
Manual Integrations
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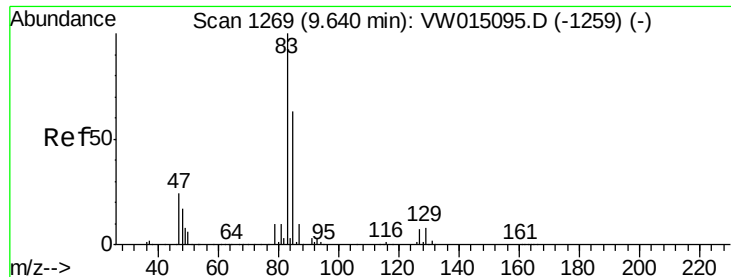
MMDadoda
 3/11/2020 3:22:16 PM



#46
 Dibromomethane
 Concen: 52.389 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW015113.D
 Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	66.6	100.0
174	73.2	60.6	91.0





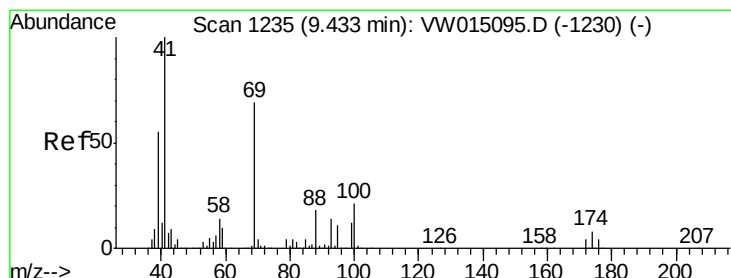
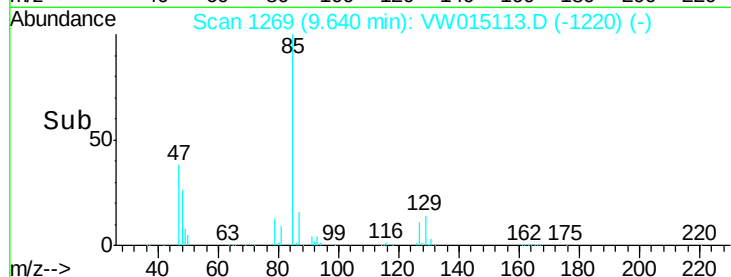
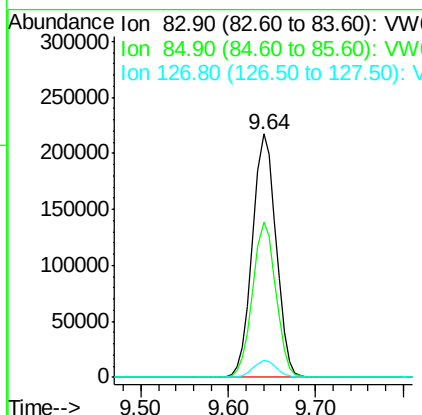
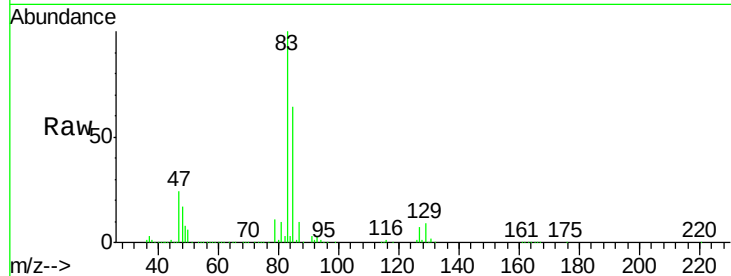
#47
Bromodichloromethane
Concen: 53.381 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	407870
Ion Ratio	100	Lower	Upper
83	100		
85	63.8	50.7	76.1
127	7.2	5.5	8.3

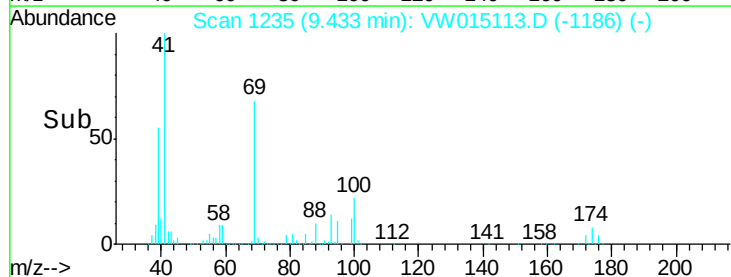
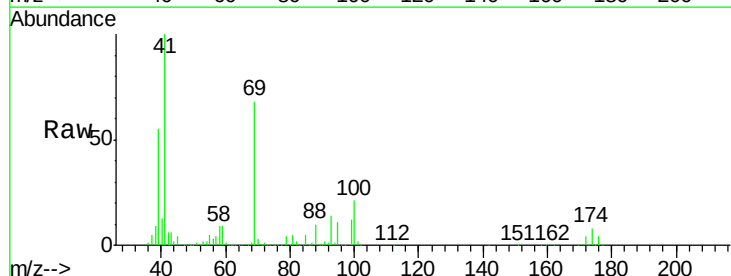
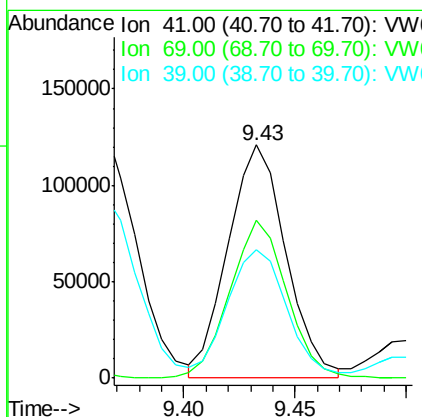
Manual Integrations
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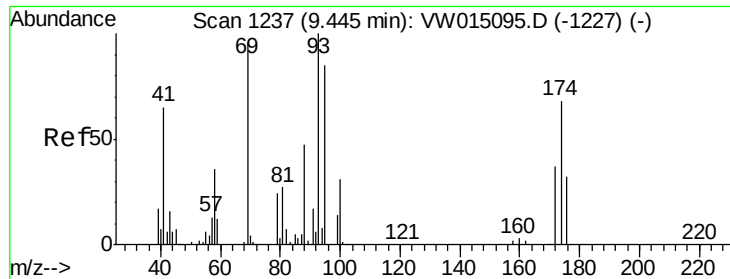
MMDadoda
3/11/2020 3:22:16 PM



#48
Methyl methacrylate
Concen: 53.750 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion	41	Resp	217453
Ion Ratio	100	Lower	Upper
41	100		
69	67.3	58.7	88.1
39	51.9	45.1	67.7





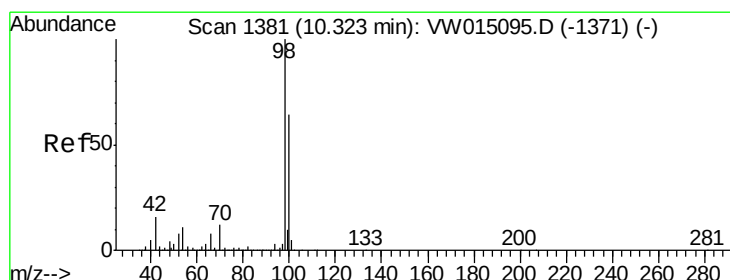
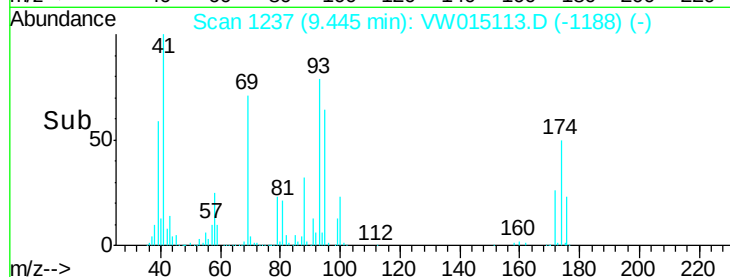
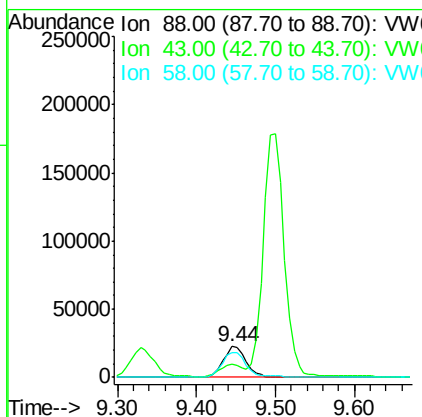
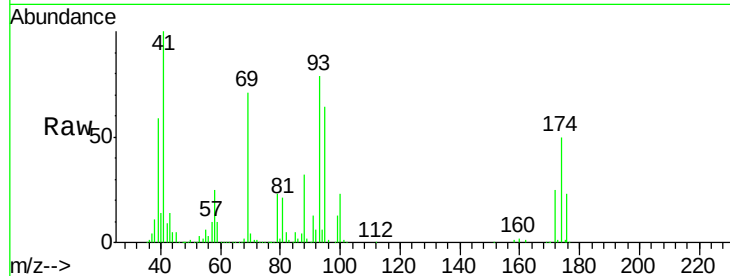
#49
1,4-Dioxane
Concen: 1038.074 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
88	100	45485		
43	42.4	35.8	53.8	
58	88.7	64.0	96.0	

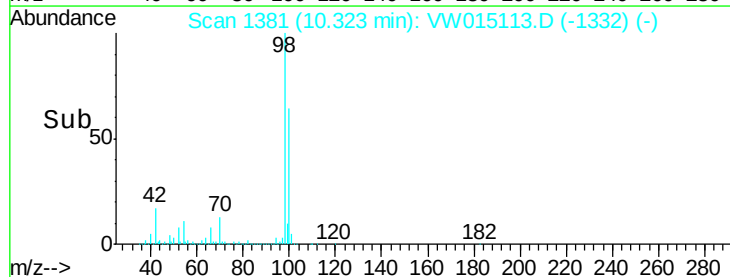
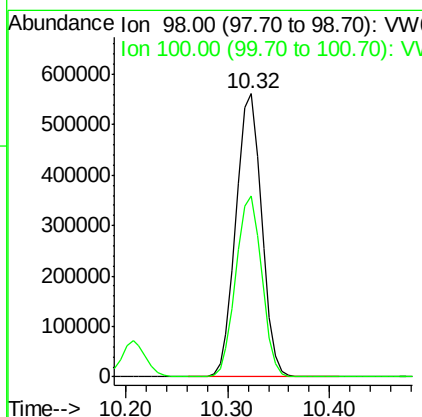
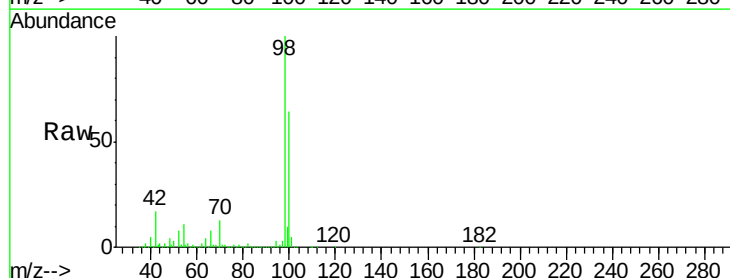
Manual Integrations
APPROVED

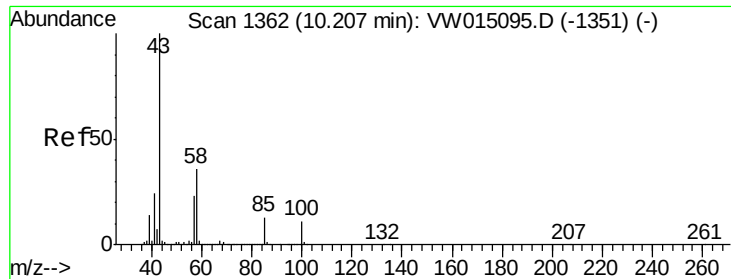
MMDadoda
3/11/2020 3:22:16 PM



#50
Toluene-d8
Concen: 51.576 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	980600		
100	64.2	52.2	78.2	





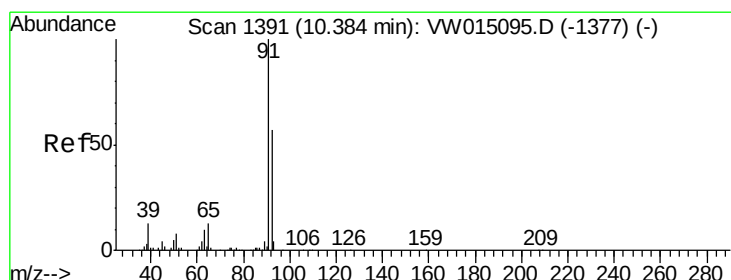
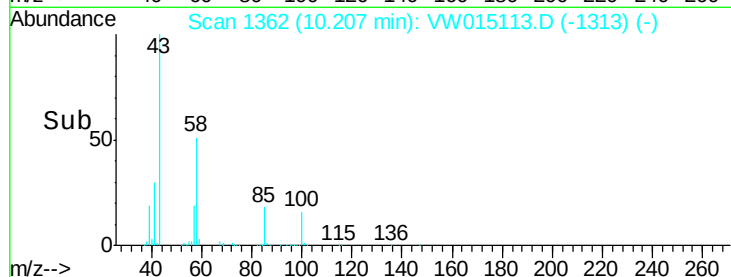
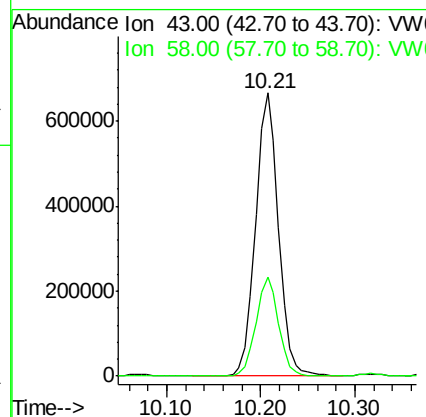
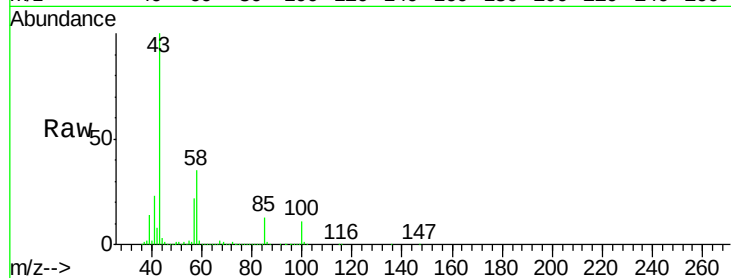
#51
 4-Methyl-2-Pentanone
 Concen: 262.028 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW015113.D
 Acq: 10 Mar 2020 15:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1137266
 Ion Ratio Lower Upper
 43 100
 58 34.7 28.0 42.0

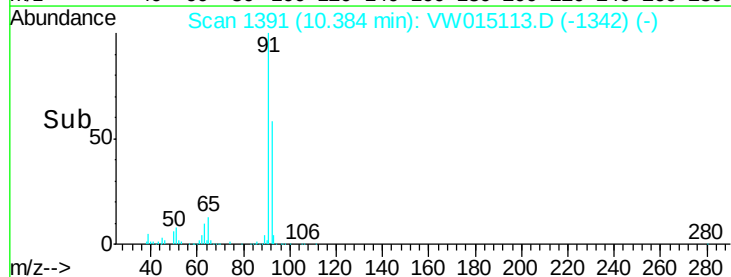
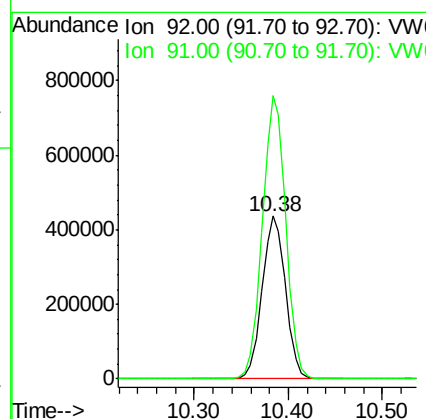
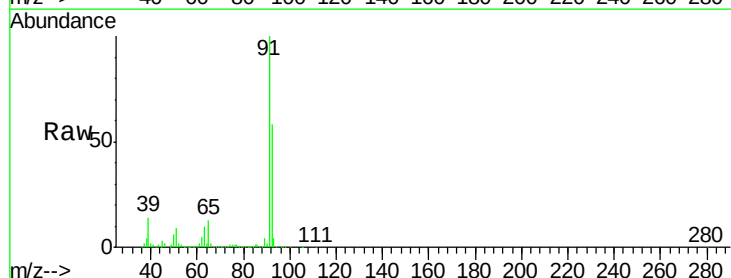
Manual Integrations
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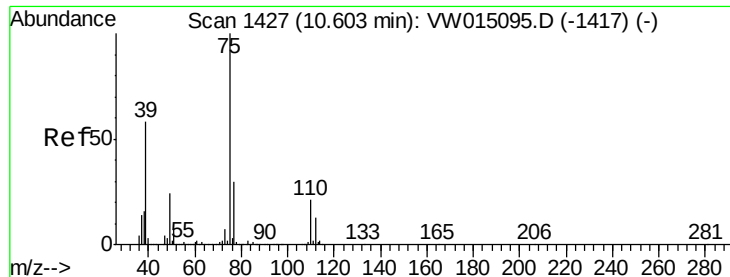
MMDadoda
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#52
 Toluene
 Concen: 54.402 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW015113.D
 Acq: 10 Mar 2020 15:11

Tgt Ion: 92 Resp: 763795
 Ion Ratio Lower Upper
 92 100
 91 174.0 138.9 208.3





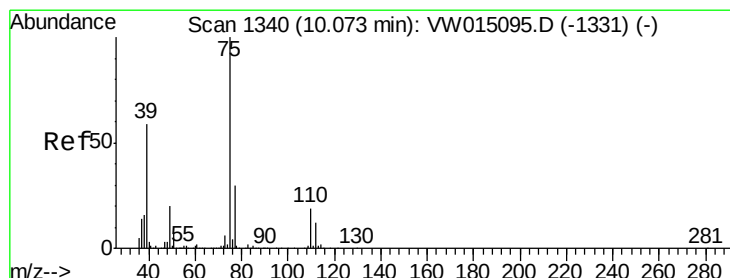
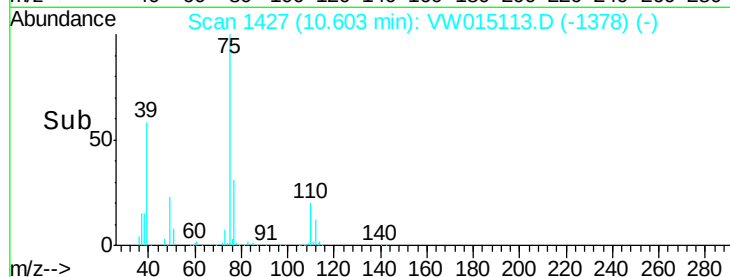
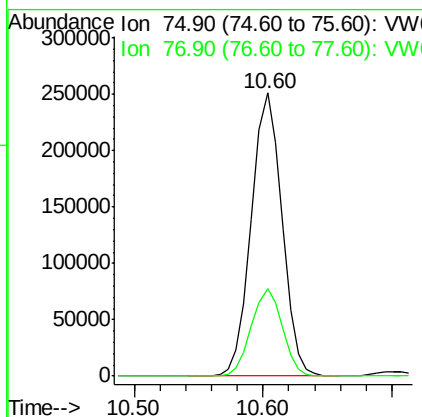
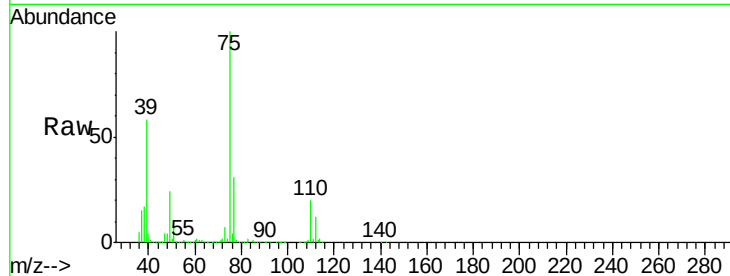
#53
 t-1,3-Dichloropropene
 Concen: 54.948 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW015113.D
 Acq: 10 Mar 2020 15:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.4	36.6

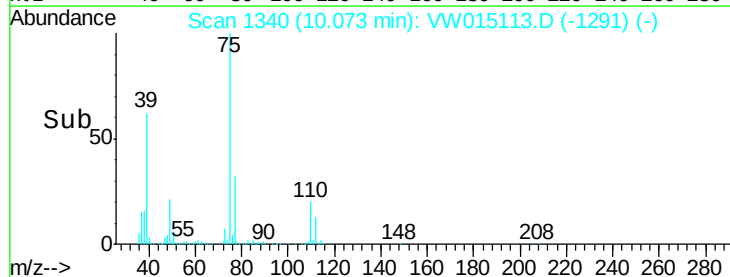
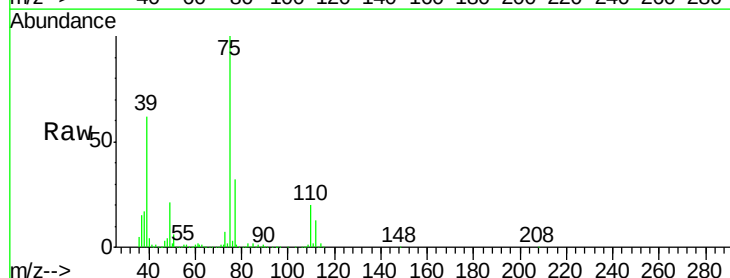
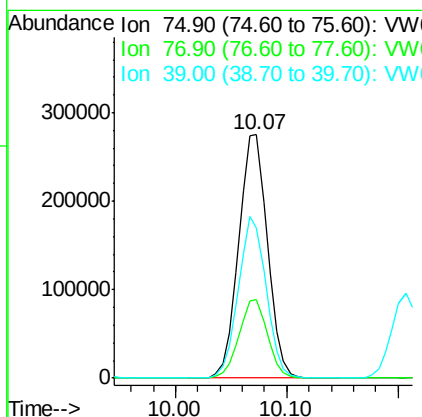
Manual Integrations
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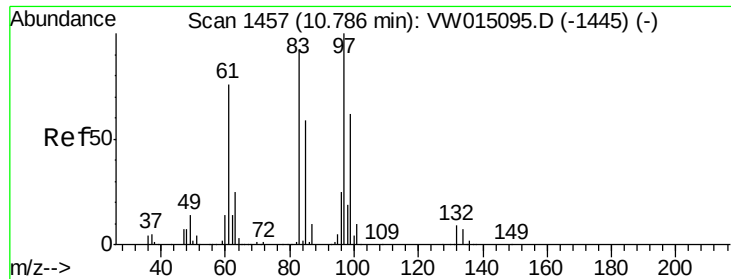
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 3/11/2020 3:22:16 PM



#54
 cis-1,3-Dichloropropene
 Concen: 54.047 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015113.D
 Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.3	36.5
39	61.8	47.0	70.6





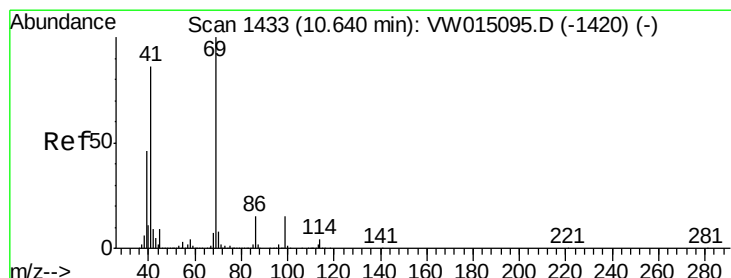
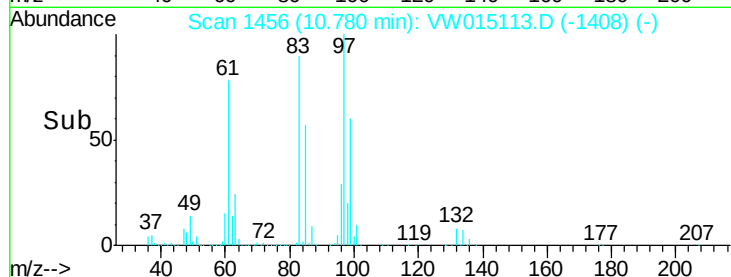
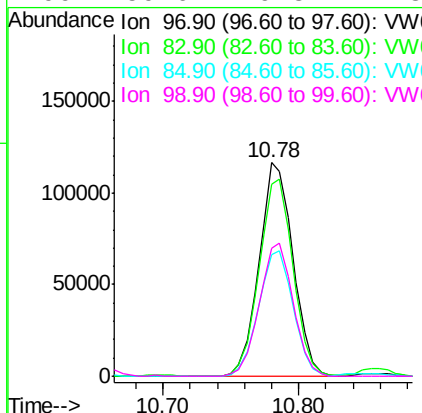
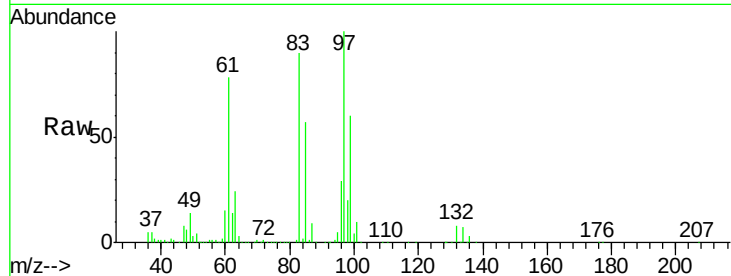
#55
 1,1,2-Trichloroethane
 Concen: 51.957 ug/l
 RT: 10.78 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: VW015113.D
 Acq: 10 Mar 2020 15:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	203748
Ion	Ratio	Lower	Upper
97	100		
83	89.9	74.0	111.0
85	56.8	46.9	70.3
99	59.6	49.8	74.8

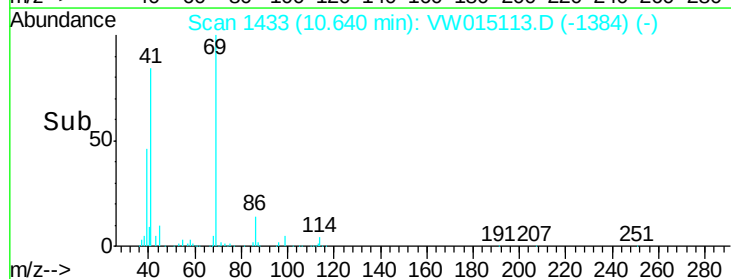
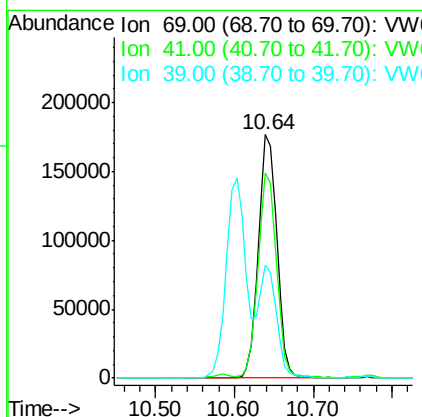
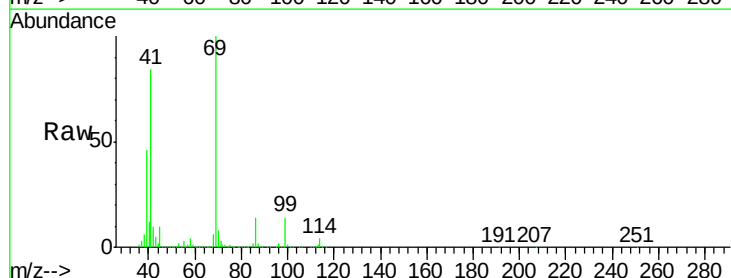
Manual Integrations
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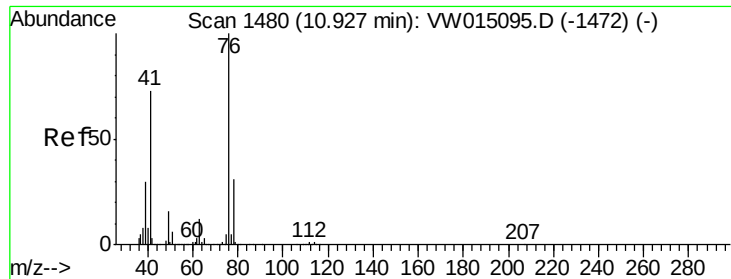
MMDadoda
 3/11/2020 3:22:16 PM



#56
 Ethyl methacrylate
 Concen: 51.478 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW015113.D
 Acq: 10 Mar 2020 15:11

Tgt Ion	69	Resp	291444
Ion	Ratio	Lower	Upper
69	100		
41	83.0	65.8	98.6
39	39.5	31.2	46.8





#57

1,3-Dichloropropane

Concen: 53.710 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 400993

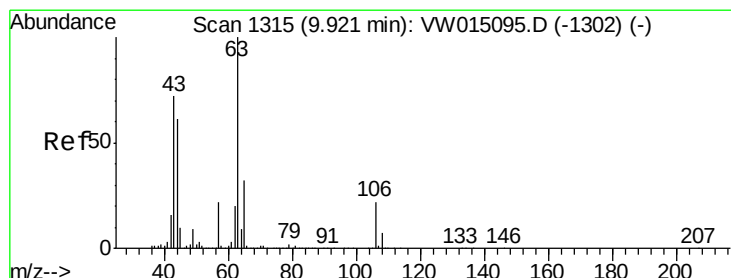
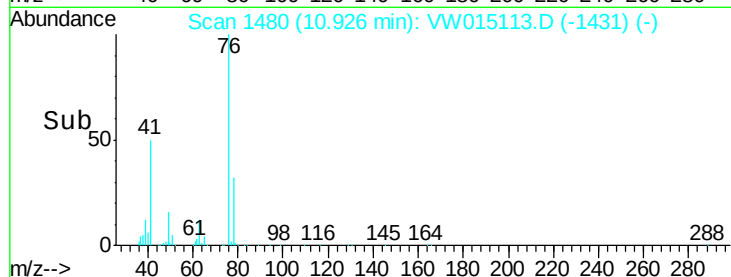
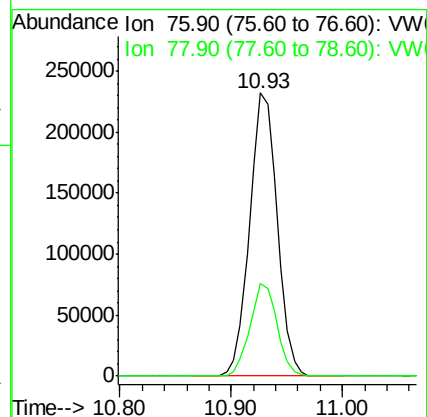
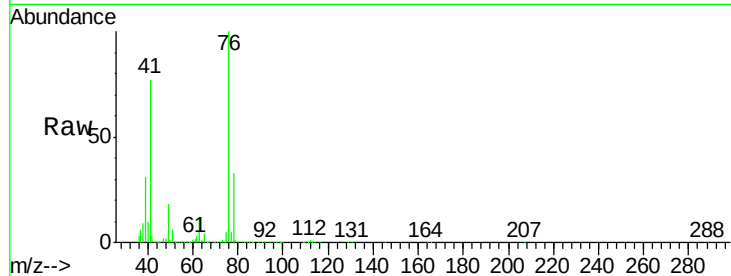
Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9

Manual Integrations
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MMDadoda
3/11/2020 3:22:16 PM



#58

2-Chloroethyl Vinyl ether

Concen: 284.522 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW015113.D

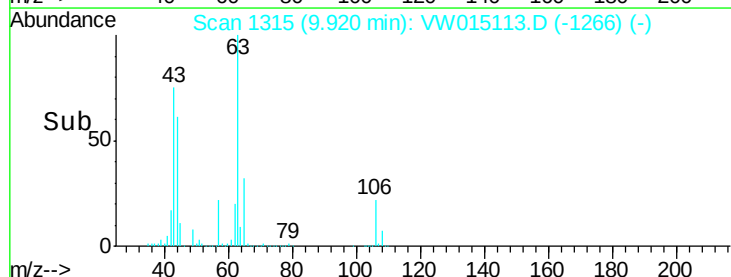
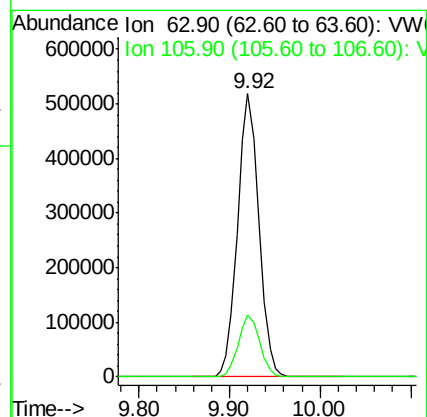
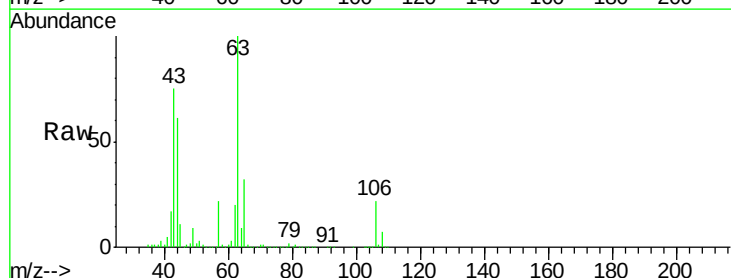
Acq: 10 Mar 2020 15:11

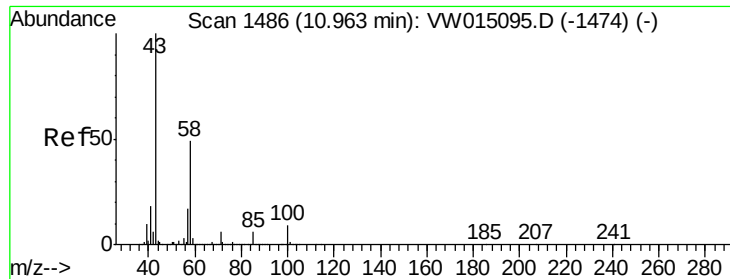
Tgt Ion: 63 Resp: 844720

Ion Ratio Lower Upper

63 100

106 22.0 18.0 27.0





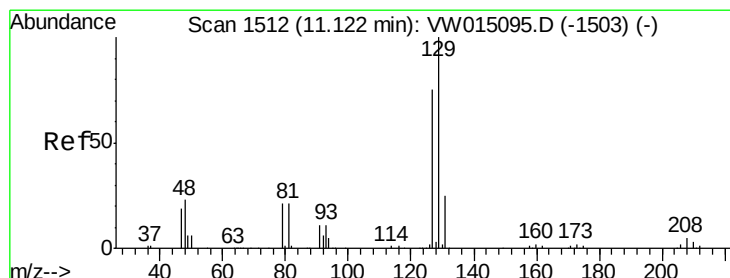
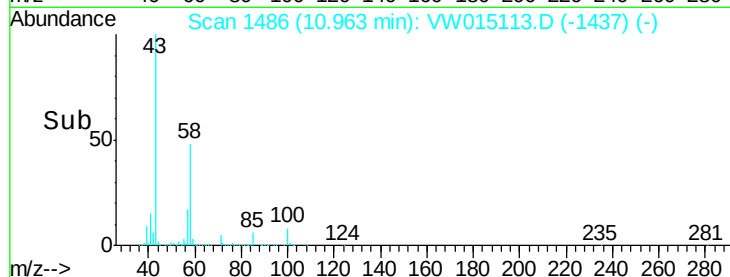
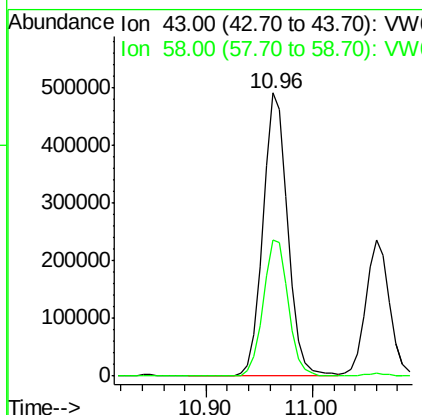
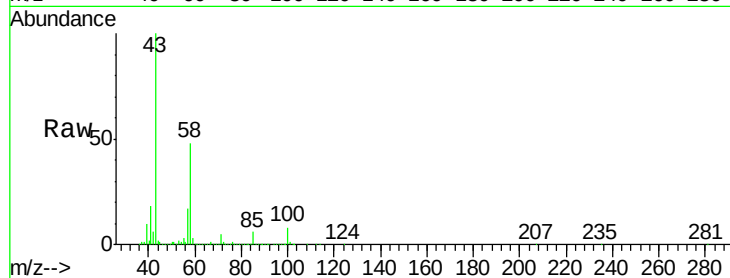
#59
2-Hexanone
Concen: 267.259 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.7	24.6	73.8

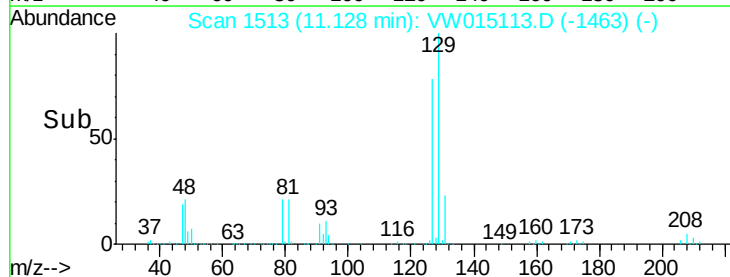
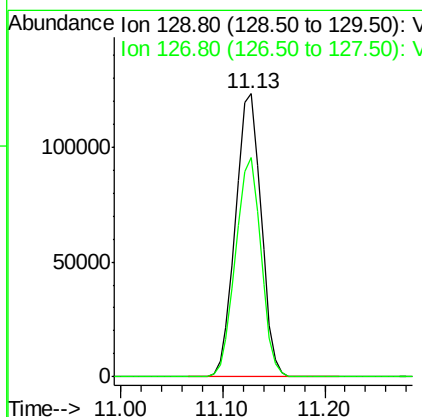
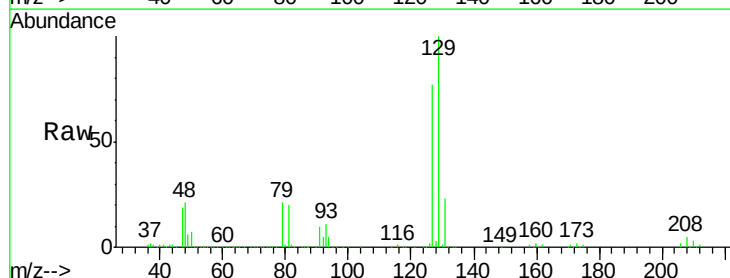
Manual Integrations
APPROVED

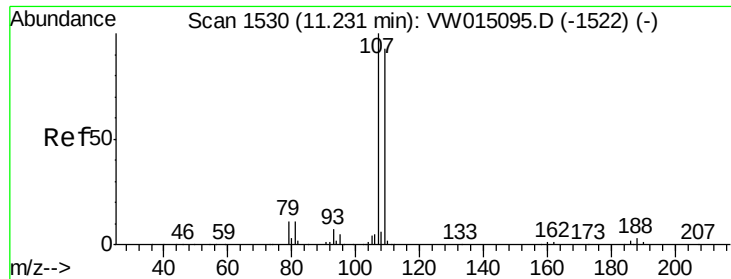
MMDadoda
3/11/2020 3:22:16 PM



#60
Dibromochloromethane
Concen: 52.969 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.01 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.7	116.1





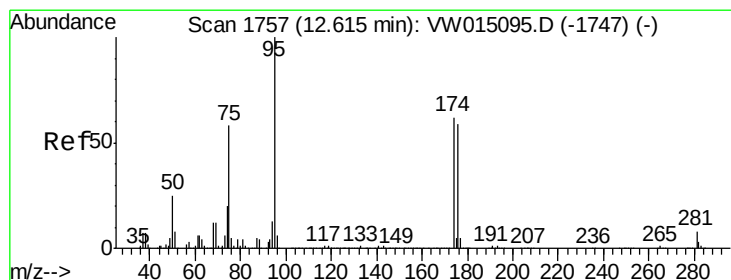
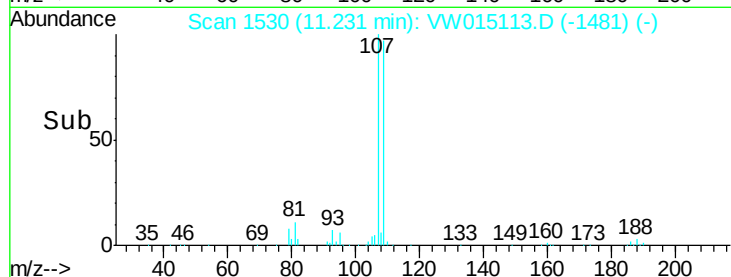
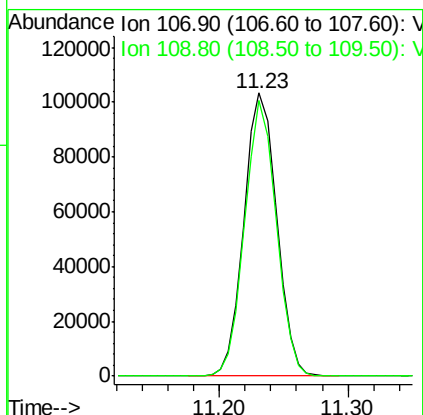
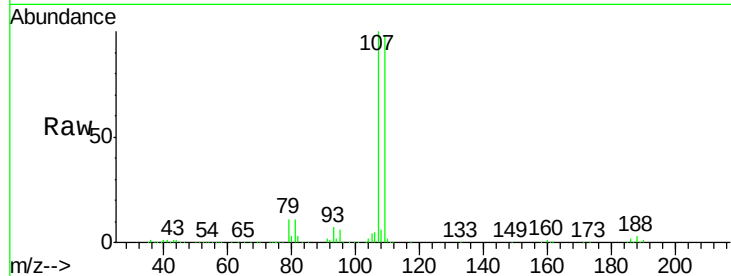
#61
 1,2-Dibromoethane
 Concen: 52.199 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW015113.D
 Acq: 10 Mar 2020 15:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.3	112.9

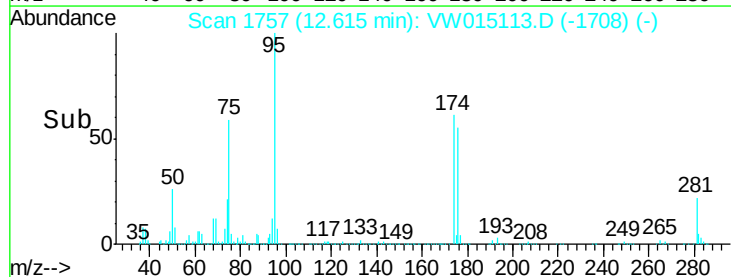
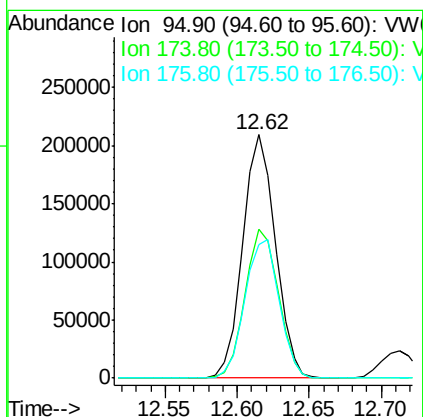
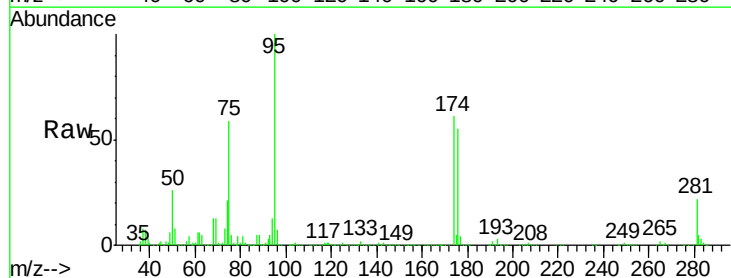
Manual Integrations
 APPROVED

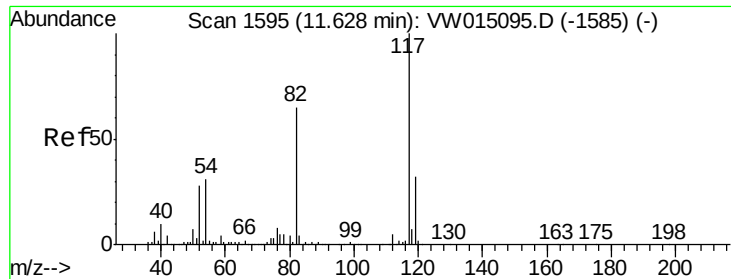
MMDadoda
 3/11/2020 3:22:16 PM



#62
 4-Bromofluorobenzene
 Concen: 52.144 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW015113.D
 Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	62.4	0.0	126.8
176	59.5	0.0	121.6





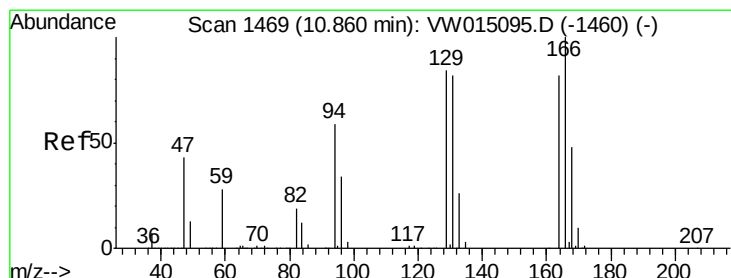
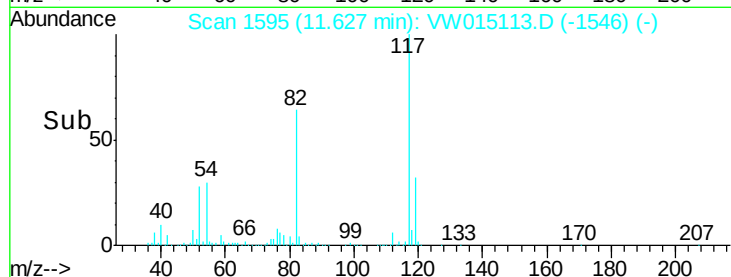
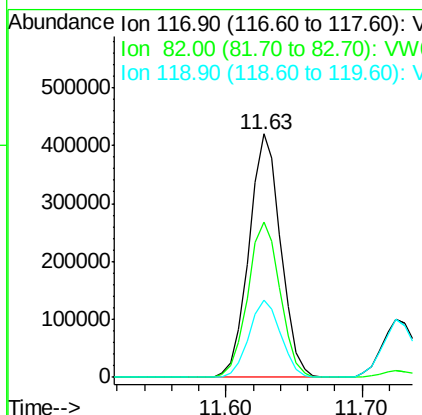
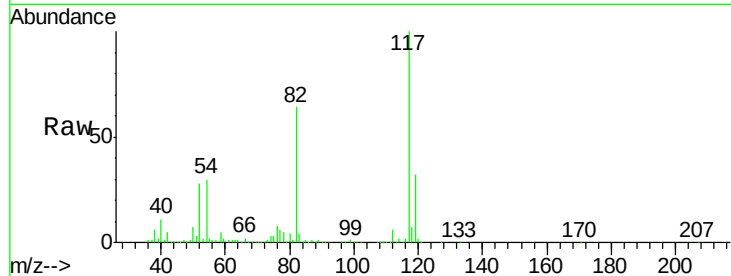
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	64.0	52.2	78.2
119	31.7	25.4	38.0

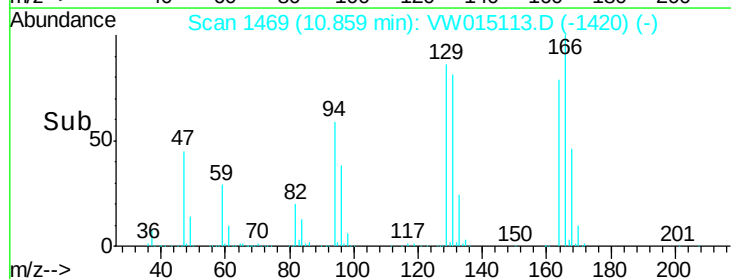
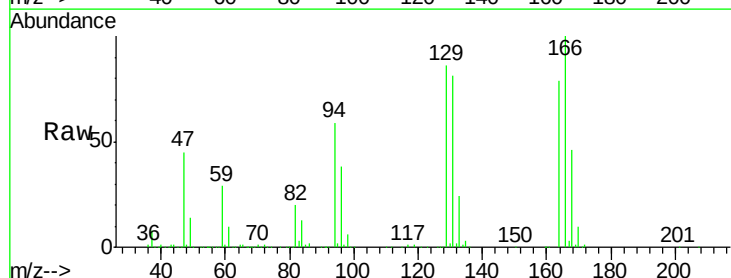
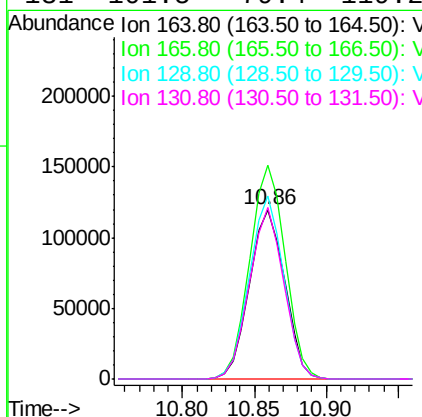
Manual Integrations
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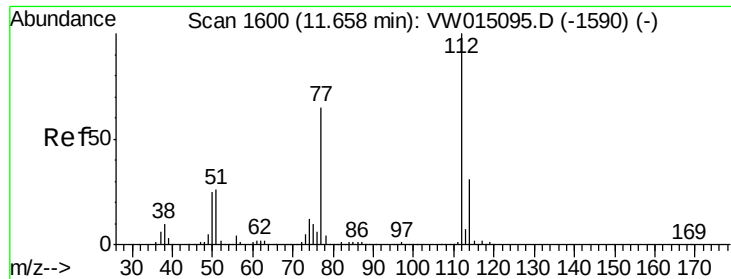
MMDadoda
3/11/2020 3:22:16 PM



#64
Tetrachloroethene
Concen: 51.309 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	97.0	145.6
129	108.2	81.2	121.8
131	101.5	79.4	119.2





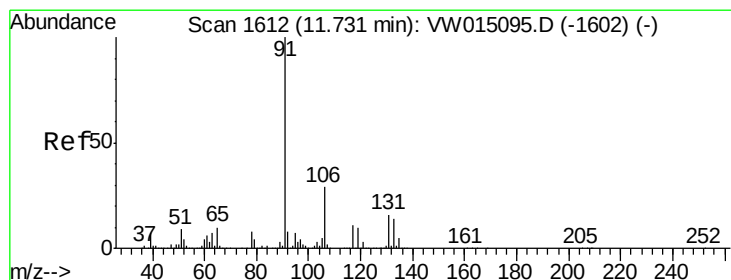
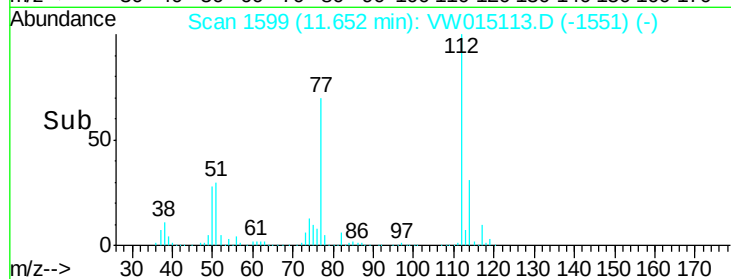
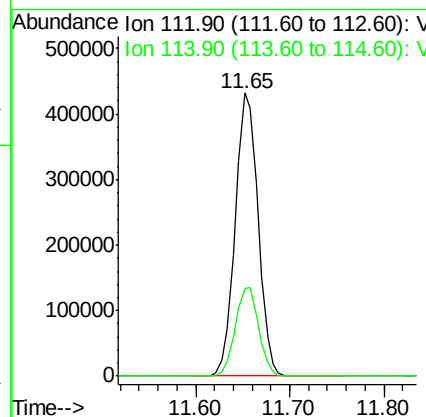
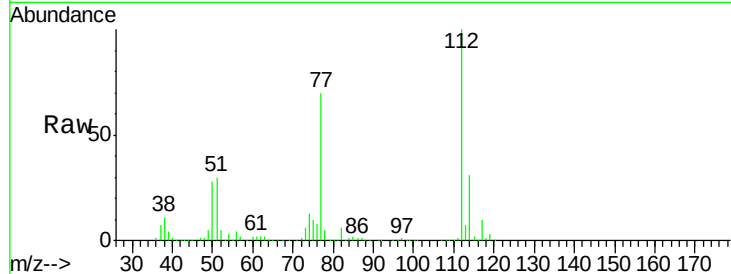
#65
Chlorobenzene
Concen: 52.843 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.0	37.6

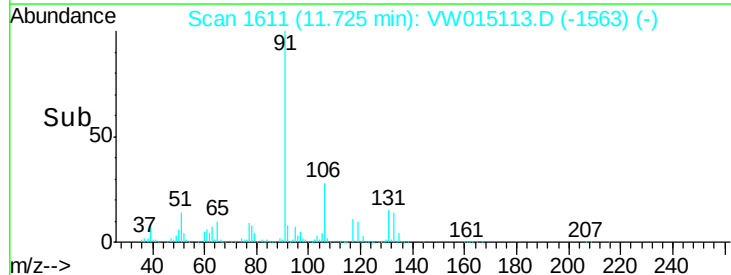
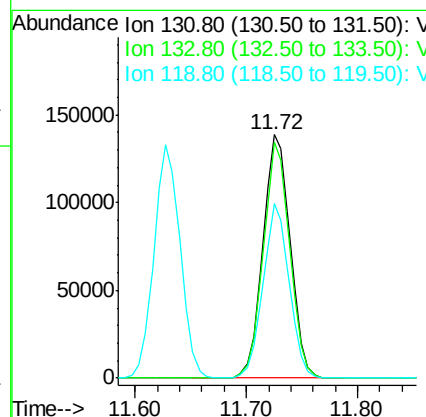
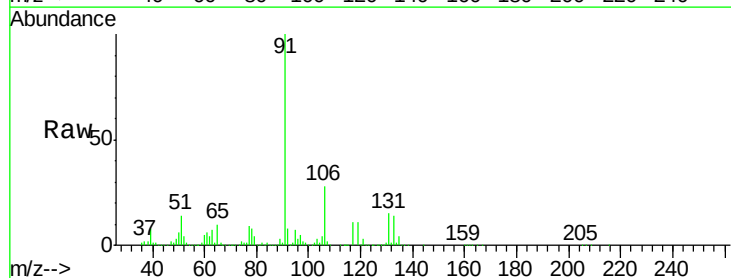
Manual Integrations
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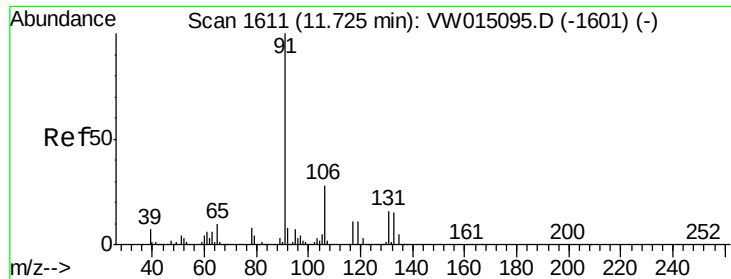
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.723 ug/l
RT: 11.72 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.3	141.8
119	68.8	34.0	101.8





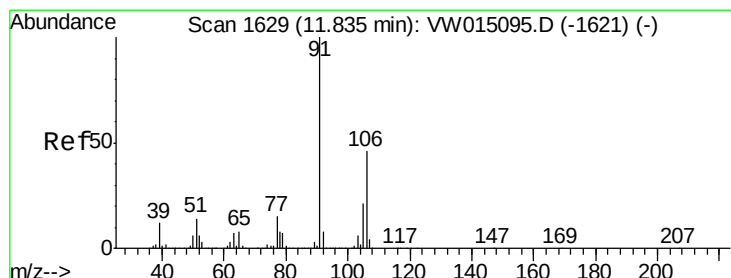
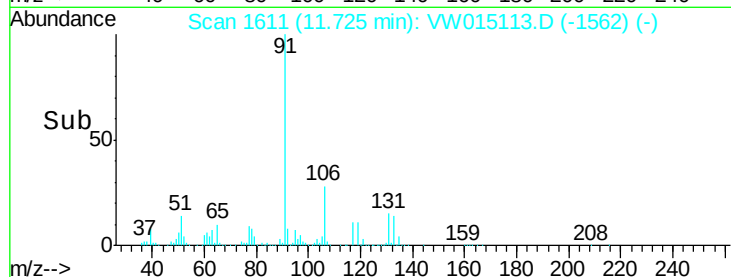
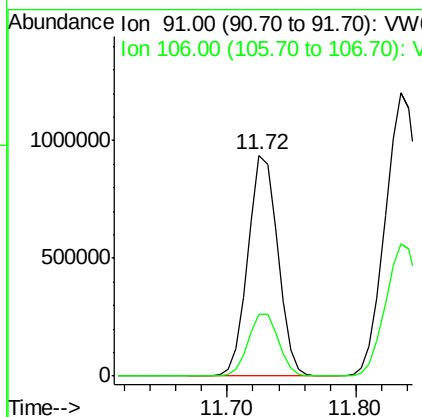
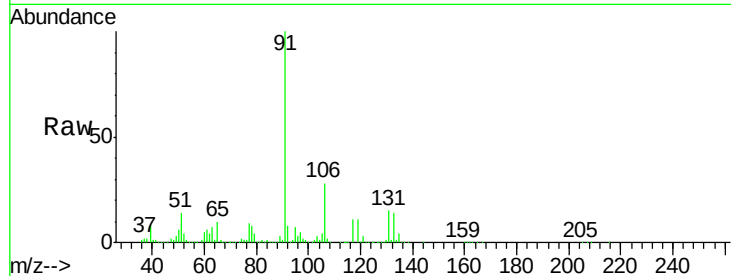
#67
Ethyl Benzene
Concen: 55.895 ug/l
RT: 11.72 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1496269
Ion Ratio Lower Upper
91 100
106 28.3 22.8 34.2

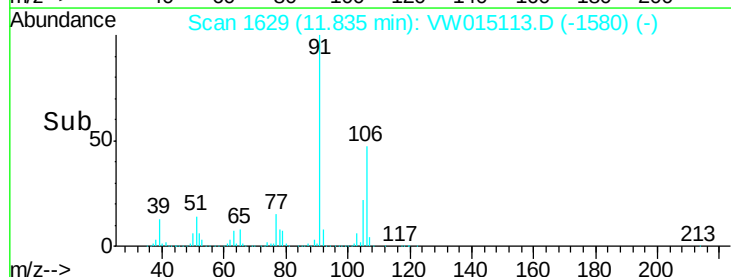
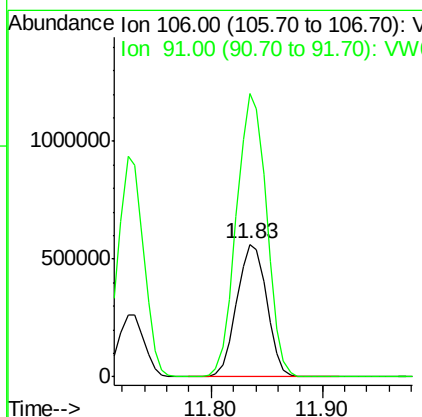
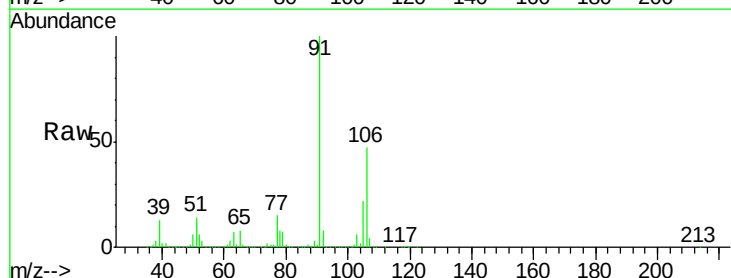
Manual Integrations
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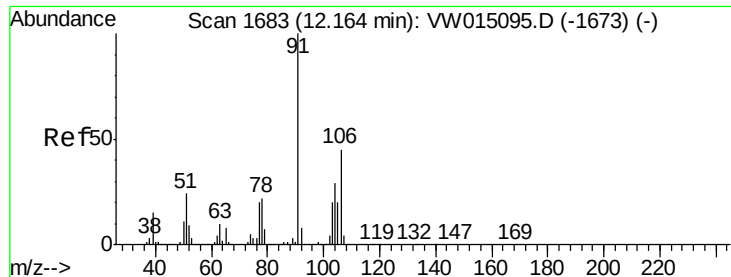
MMDadoda
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#68
m/p-Xylenes
Concen: 111.281 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion: 106 Resp: 1053089
Ion Ratio Lower Upper
106 100
91 214.8 172.3 258.5





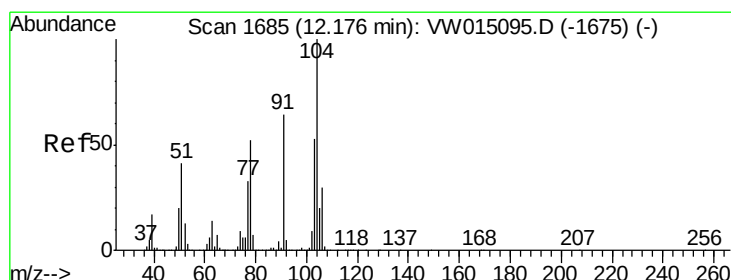
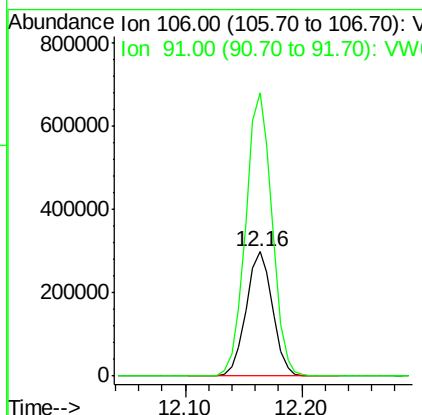
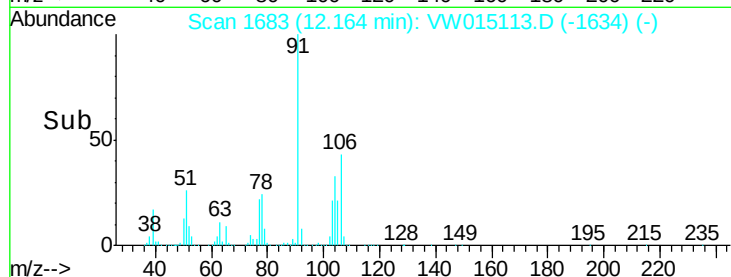
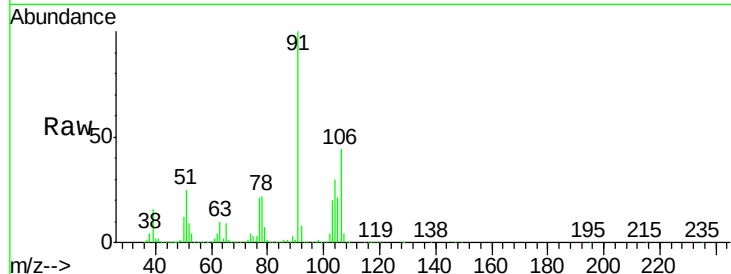
#69
o-Xylene
Concen: 55.446 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		472658		
91	227.5	112.6	337.8		

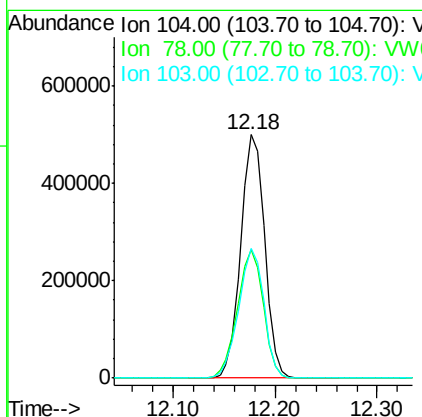
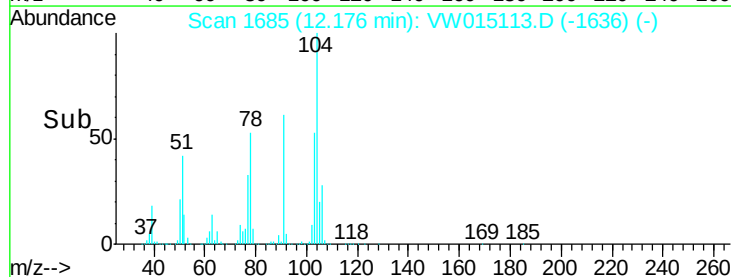
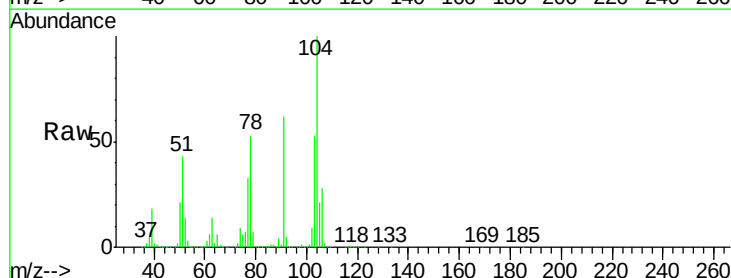
Manual Integrations
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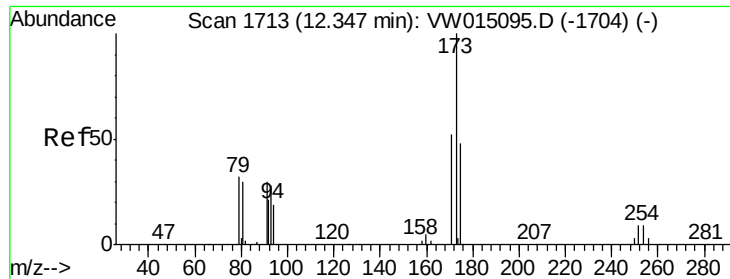
MMDadoda
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#70
Styrene
Concen: 55.847 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		815737		
78	56.8	44.7	67.1		
103	56.2	44.7	67.1		





#71

Bromoform

Concen: 51.315 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 104321

Ion Ratio Lower Upper

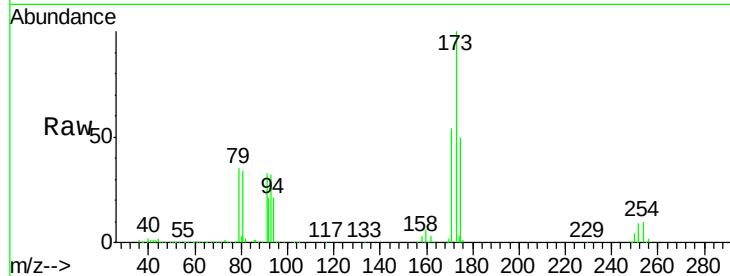
173 100

175 48.2 23.8 71.4

254 0.1 0.1 0.1#

Manual Integrations
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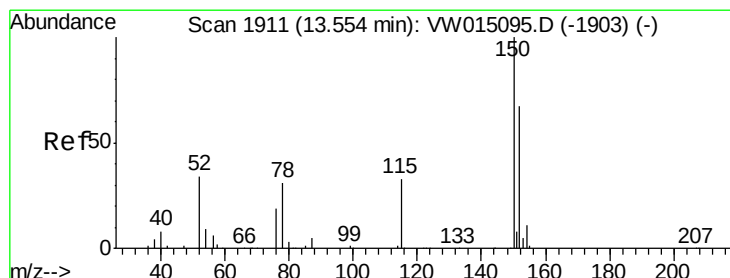
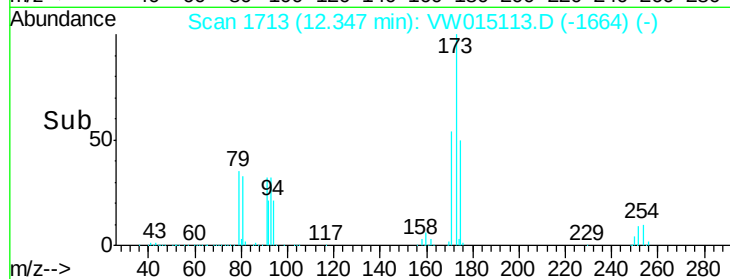
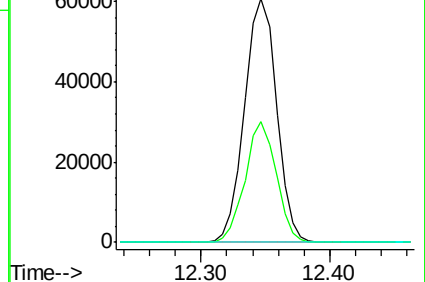
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

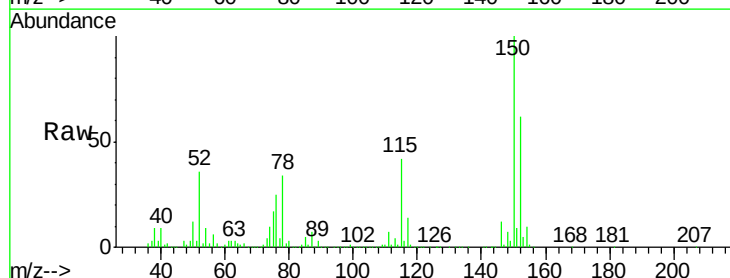
Tgt Ion:152 Resp: 305290

Ion Ratio Lower Upper

152 100

115 66.9 33.3 99.9

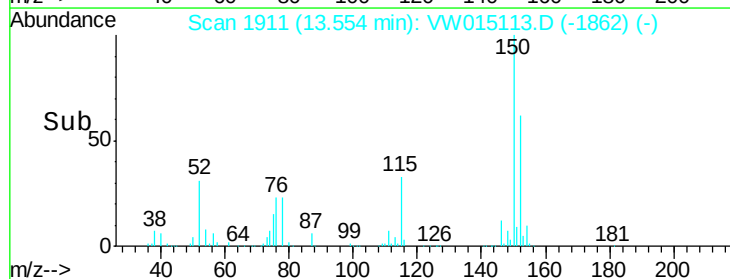
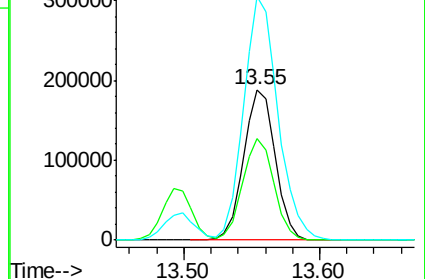
150 175.5 0.0 351.2

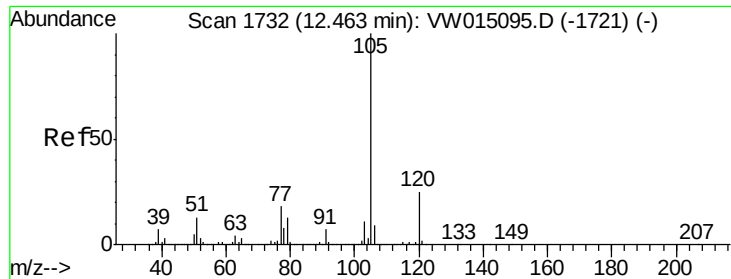


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 57.449 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1339746

Ion Ratio Lower Upper

105 100

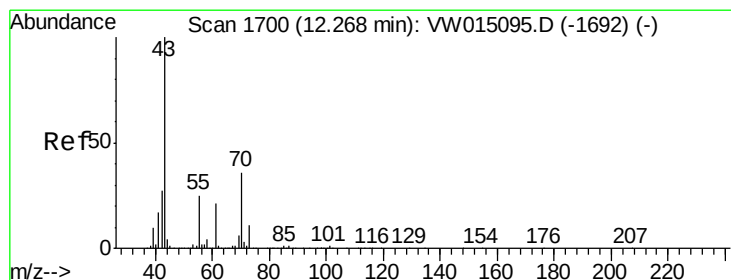
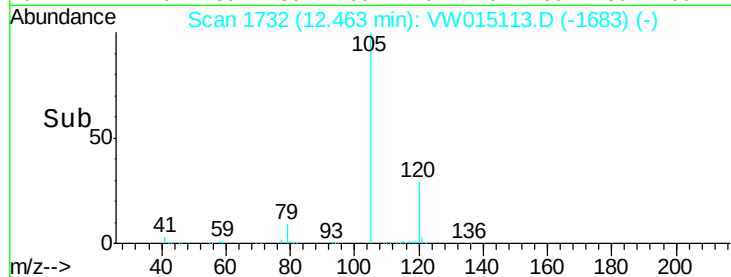
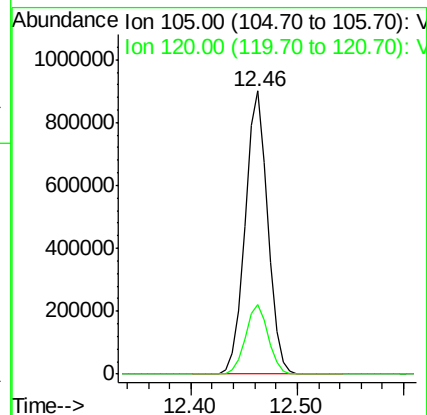
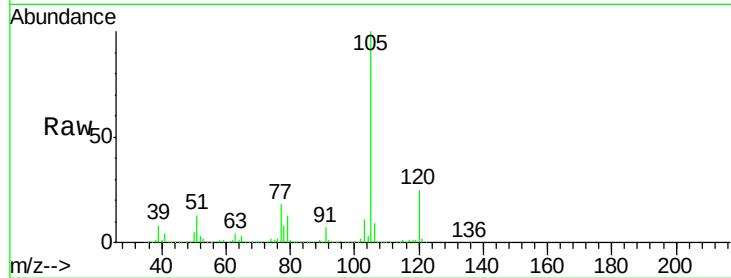
120 24.9 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.535 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Tgt Ion: 43 Resp: 398859

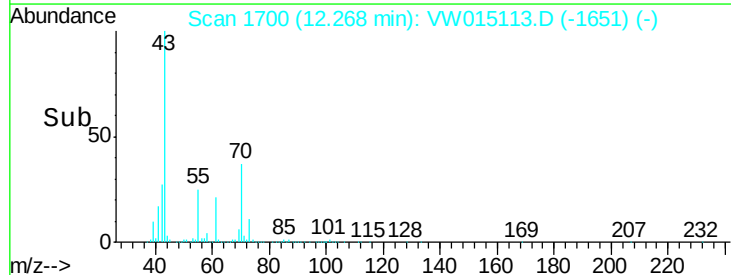
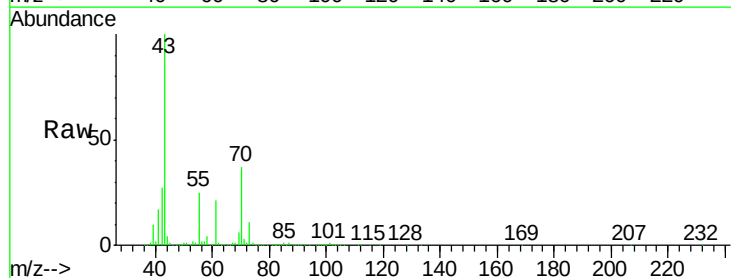
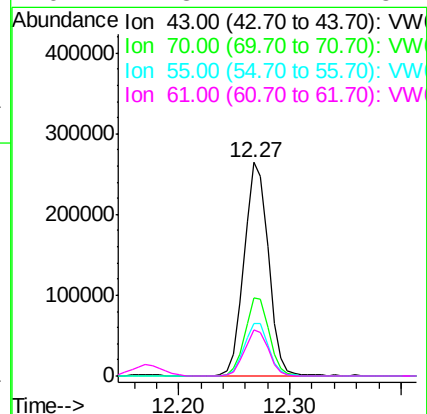
Ion Ratio Lower Upper

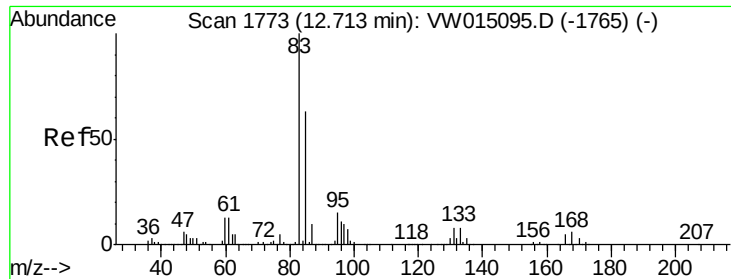
43 100

70 36.5 29.4 44.2

55 25.0 20.3 30.5

61 21.3 17.1 25.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.218 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Instrument :

MSVOA_W

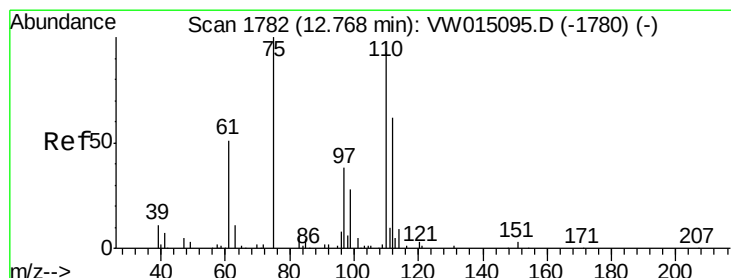
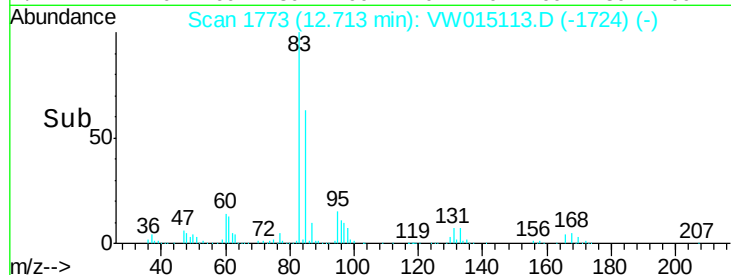
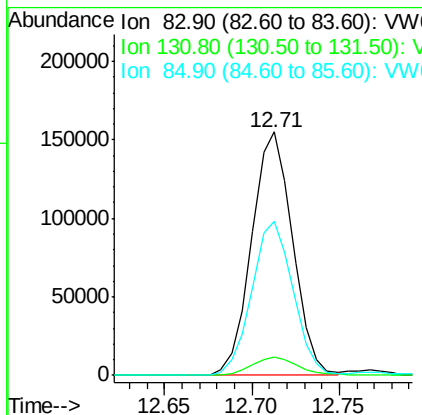
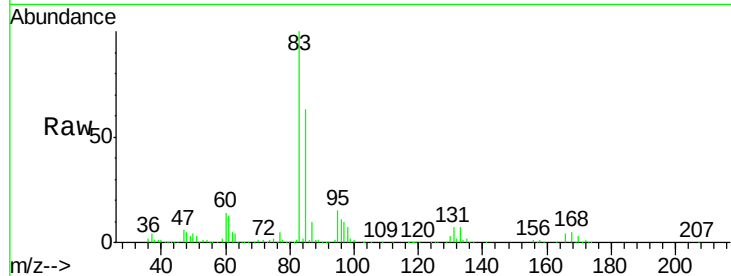
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	252015
Ion Ratio	Lower	Upper	
83	100		
131	8.3	4.3	13.1
85	63.7	31.5	94.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.155 ug/l m

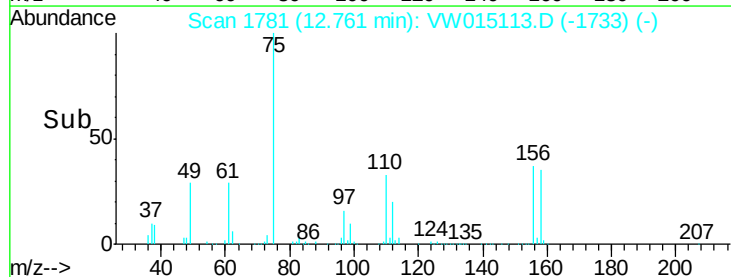
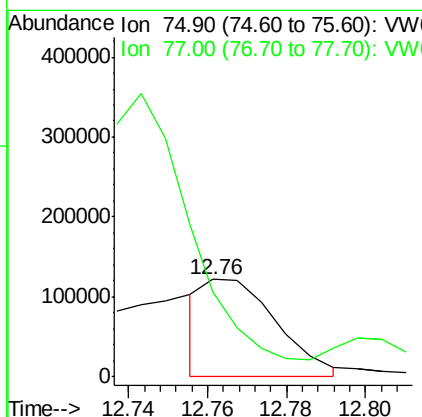
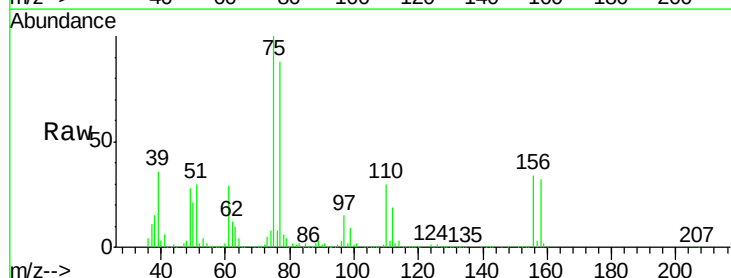
RT: 12.76 min Scan# 1781

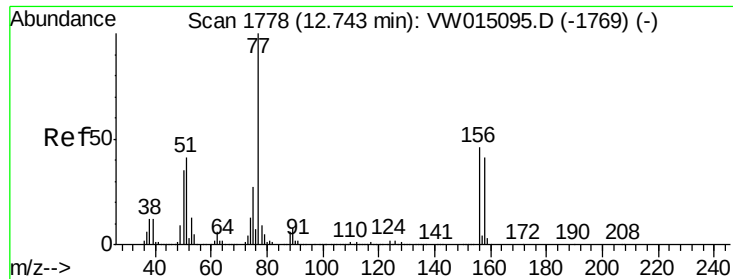
Delta R.T. -0.01 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Tgt Ion:	75	Resp:	155801
Ion Ratio	Lower	Upper	
75	100		
77	412.5	0.0	0.0#





#77

Bromobenzene

Concen: 54.249 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Instrument :

MSVOA_W

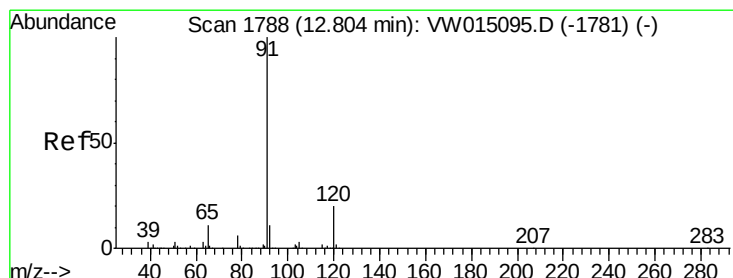
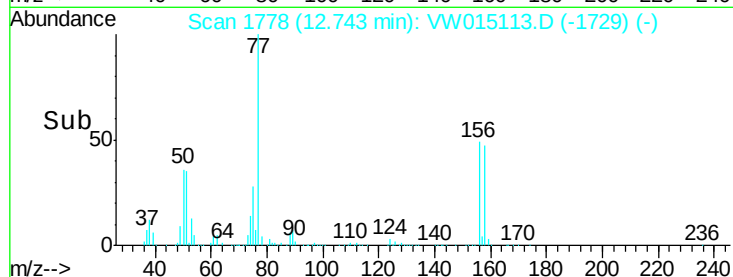
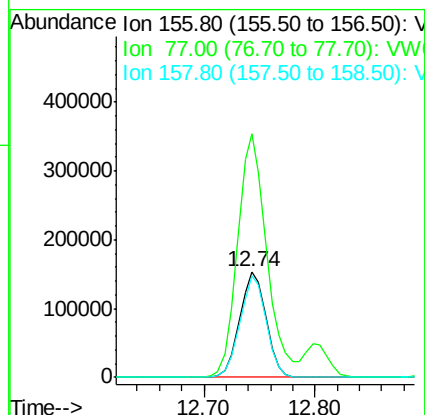
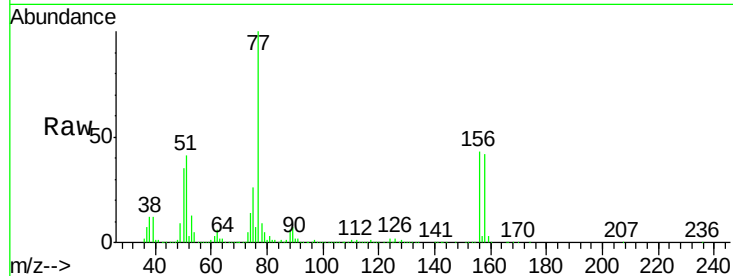
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	257.0	126.6	379.8
158	95.5	47.4	142.2

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#78

n-propylbenzene

Concen: 57.821 ug/l

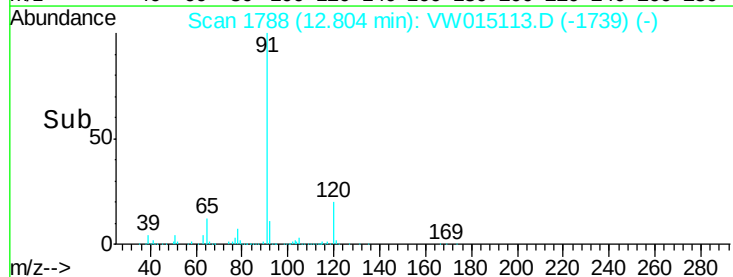
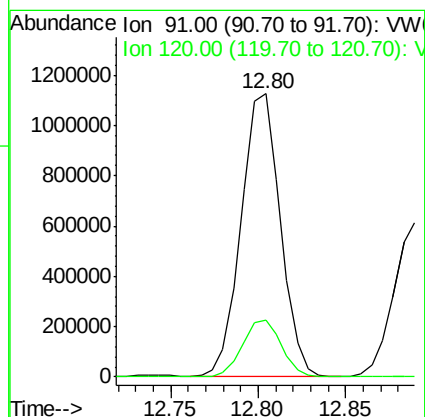
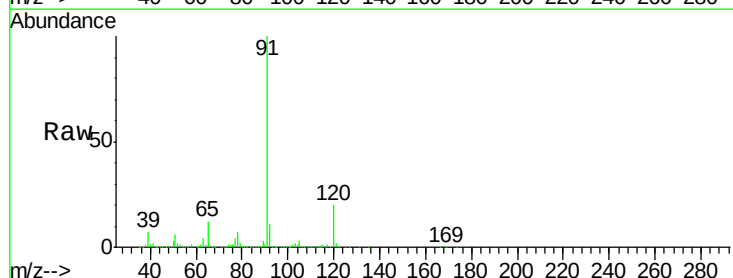
RT: 12.80 min Scan# 1788

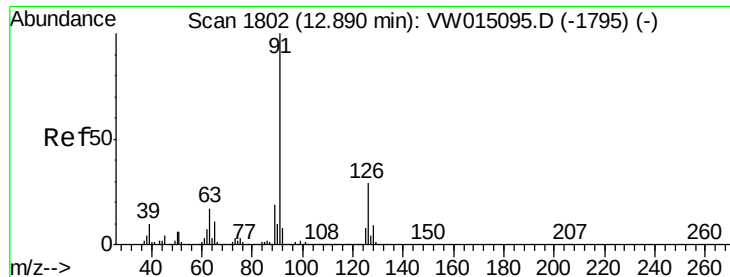
Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.1	10.2	30.4





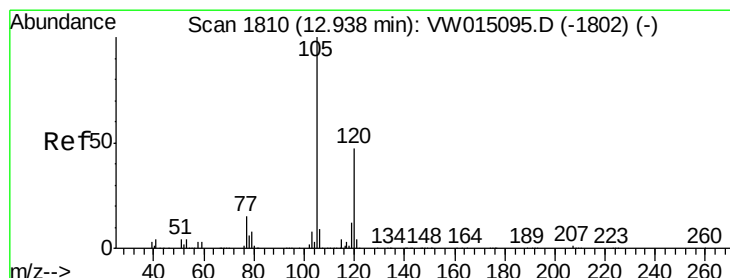
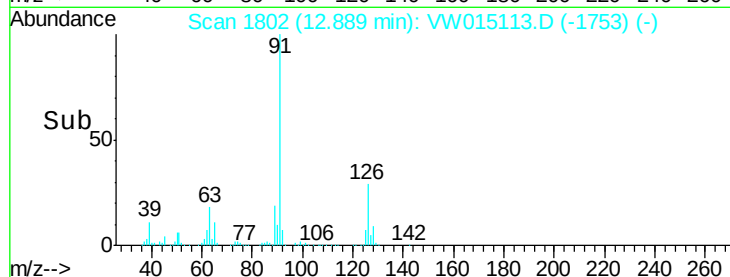
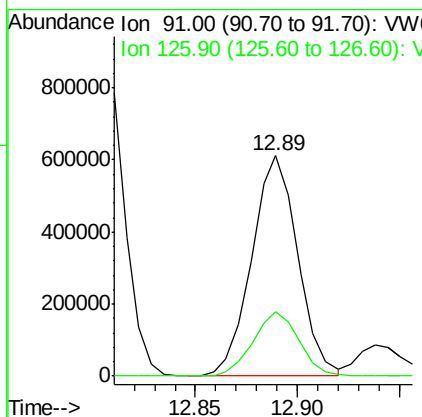
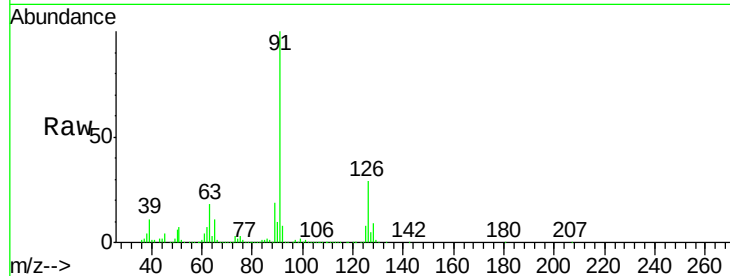
#79
2-Chlorotoluene
Concen: 56.360 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 960364
Ion Ratio Lower Upper
91 100
126 29.2 14.5 43.6

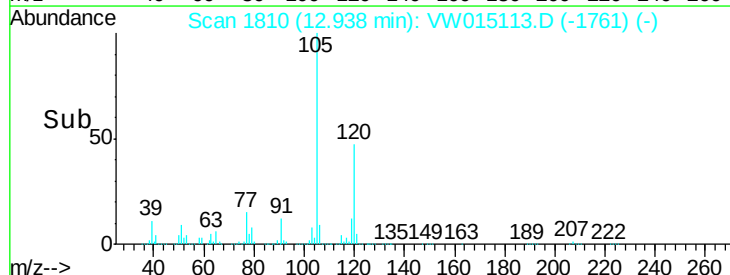
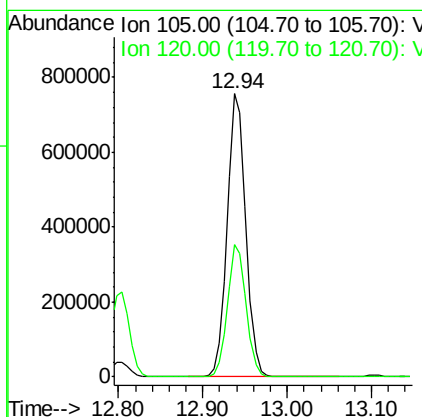
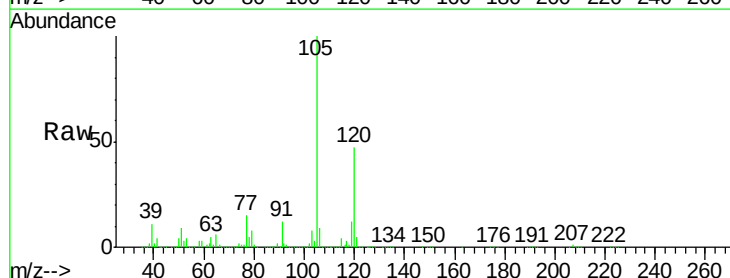
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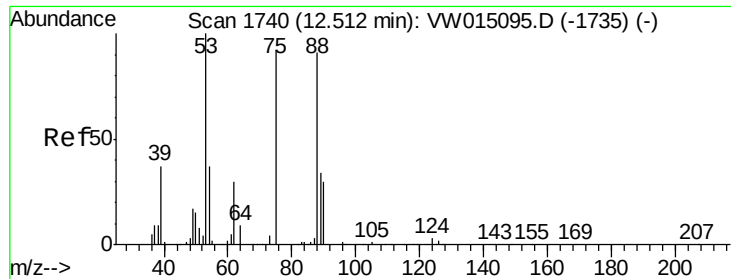
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 56.773 ug/l
RT: 12.94 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion:105 Resp: 1138377
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.8





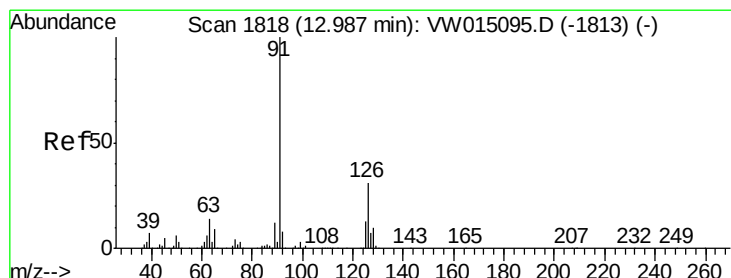
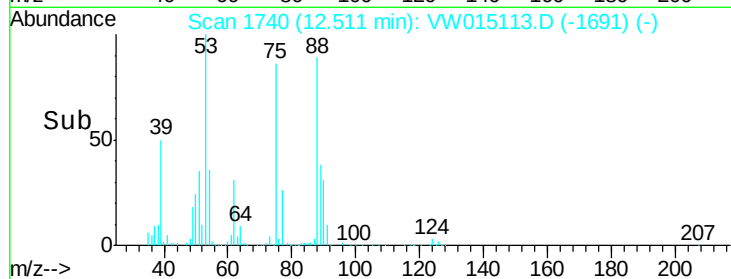
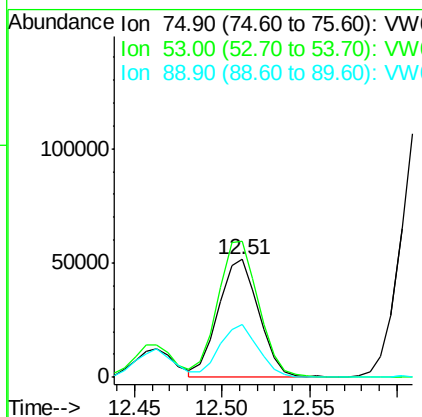
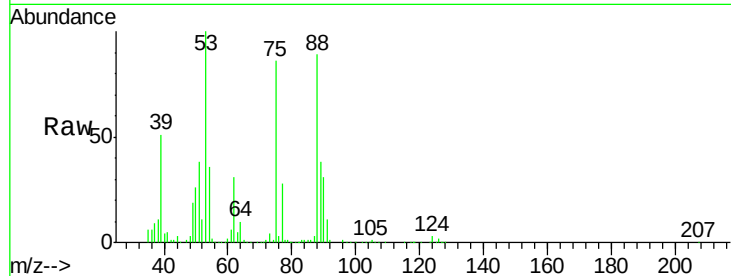
#81
trans-1,4-Dichloro-2-butene
Concen: 53.756 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	117.6	88.4	132.6
89	43.8	33.1	49.7

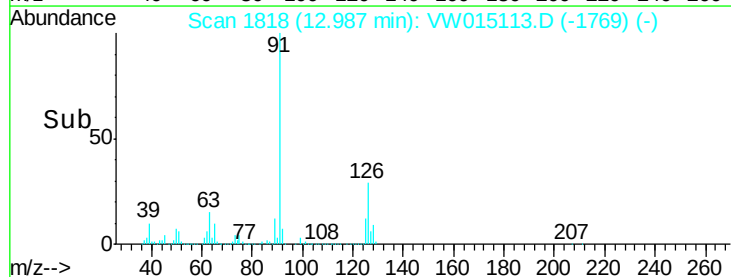
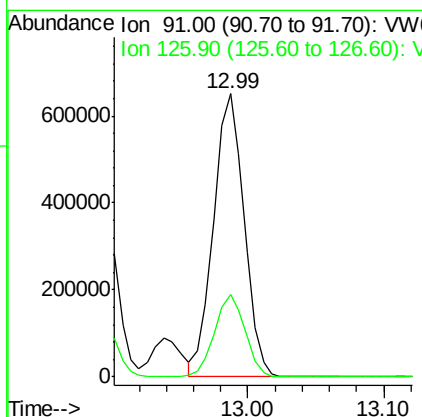
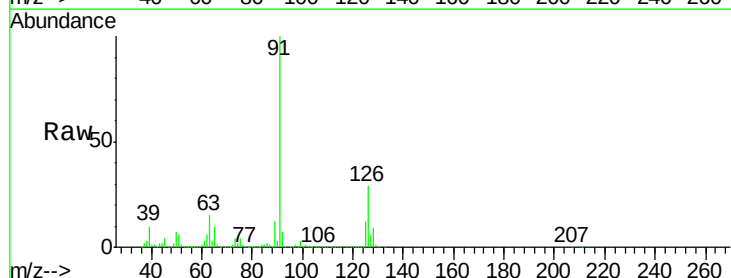
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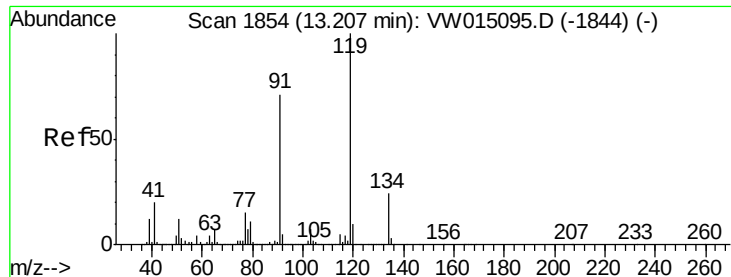
MMDadoda
3/11/2020 3:22:16 PM



#82
4-Chlorotoluene
Concen: 55.779 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.8	44.4





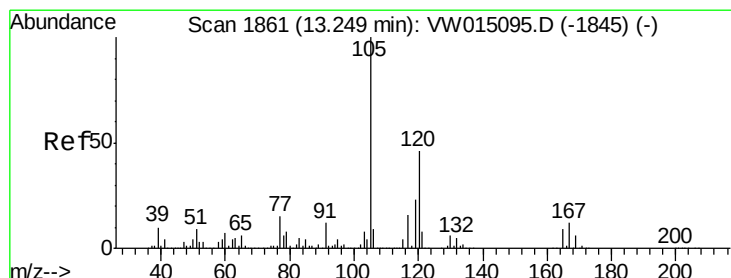
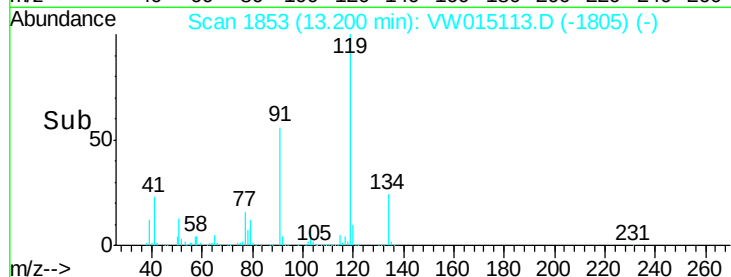
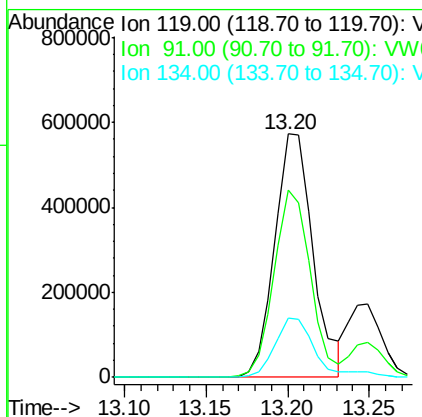
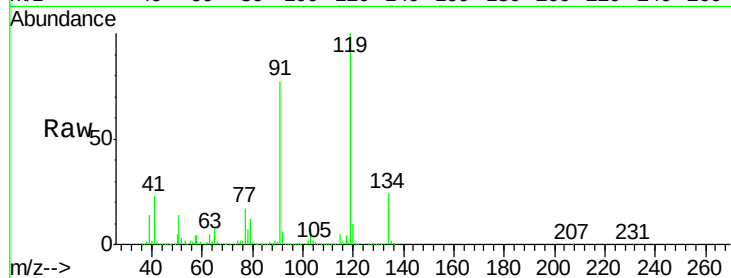
#83
 tert-Butylbenzene
 Concen: 57.345 ug/l
 RT: 13.20 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: VW015113.D
 Acq: 10 Mar 2020 15:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.9	35.7	107.1
134	25.7	12.7	38.1

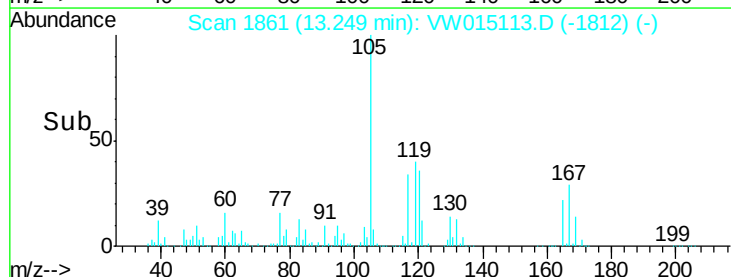
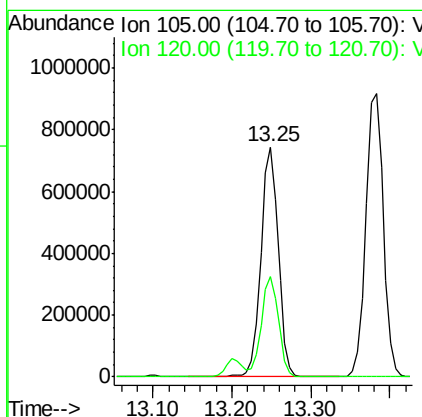
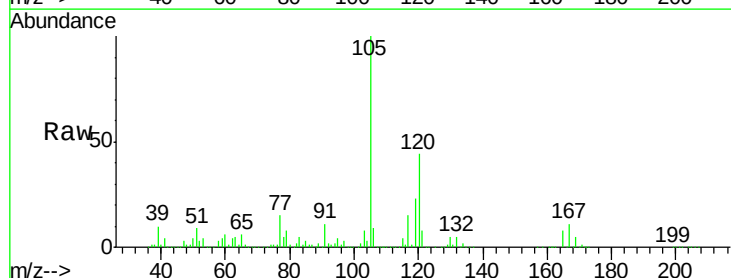
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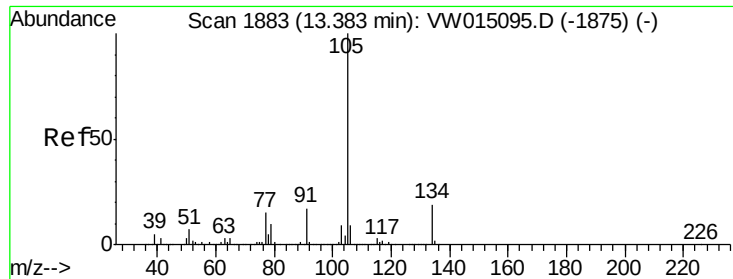
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.679 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW015113.D
 Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.1	66.3





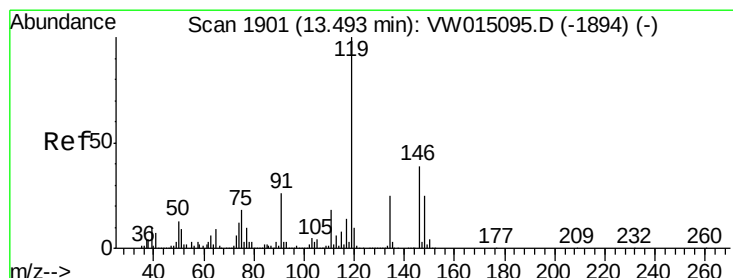
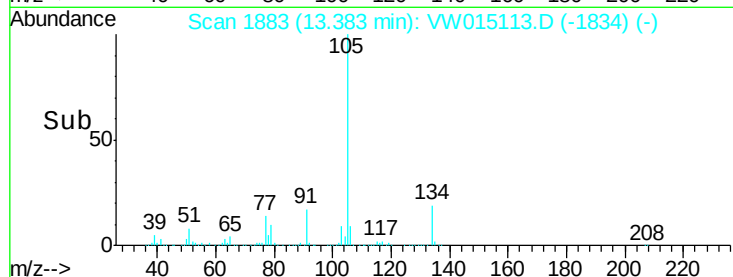
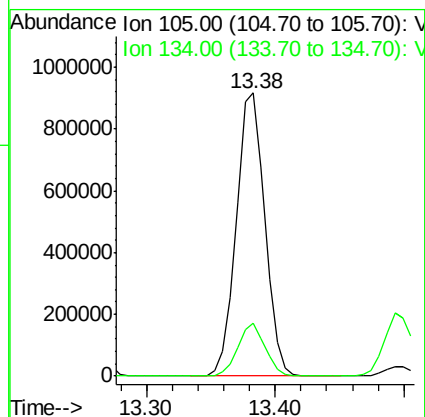
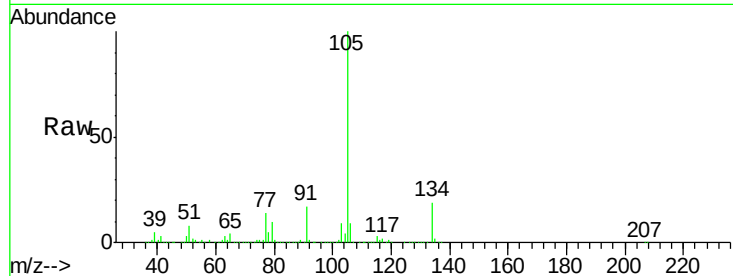
#85
 sec-Butylbenzene
 Concen: 57.311 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW015113.D
 Acq: 10 Mar 2020 15:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1408924
 Ion Ratio Lower Upper
 105 100
 134 17.8 9.0 27.1

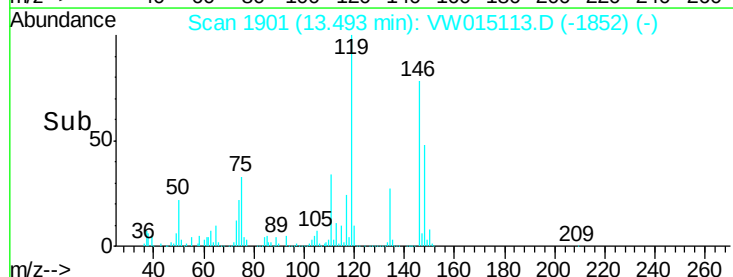
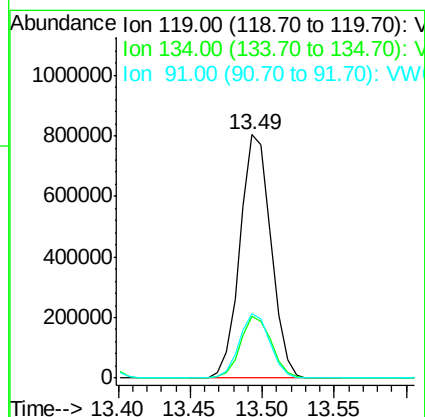
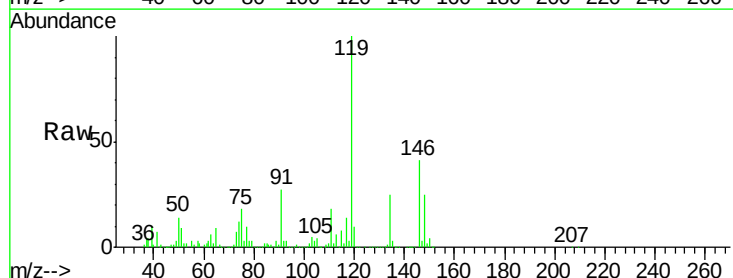
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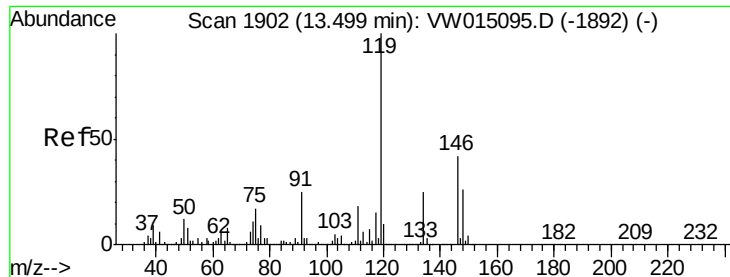
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#86
 p-Isopropyltoluene
 Concen: 56.743 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW015113.D
 Acq: 10 Mar 2020 15:11

Tgt Ion:119 Resp: 1199070
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 26.4 12.9 38.6





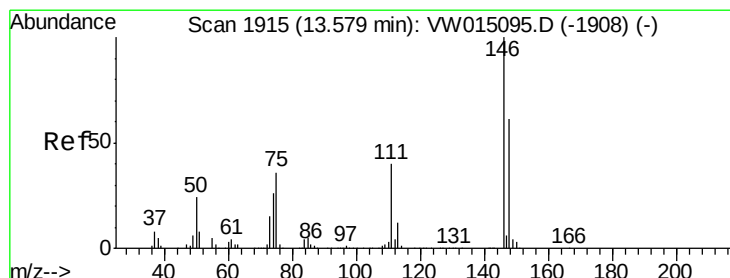
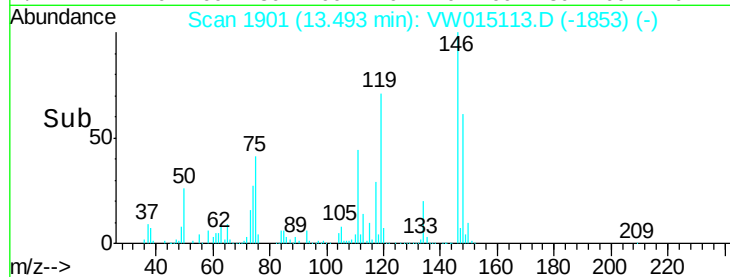
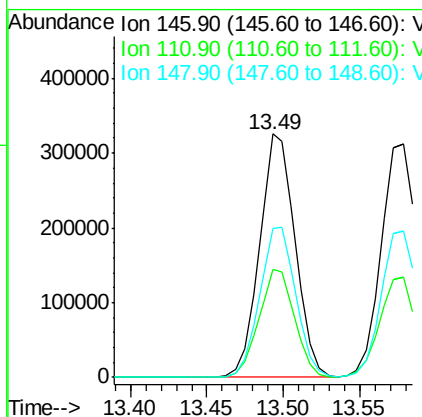
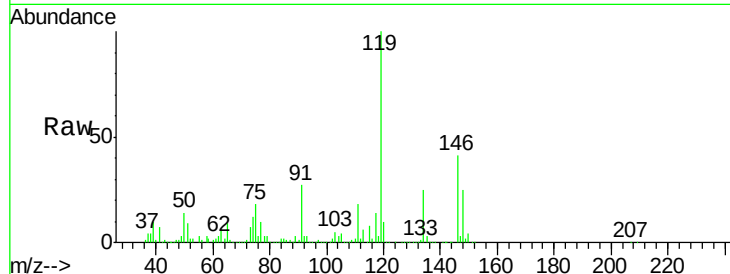
#87
 1,3-Dichlorobenzene
 Concen: 53.828 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW015113.D
 Acq: 10 Mar 2020 15:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.5	67.5
148	62.6	31.9	95.9

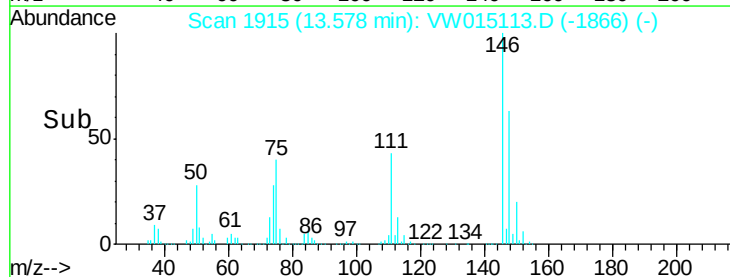
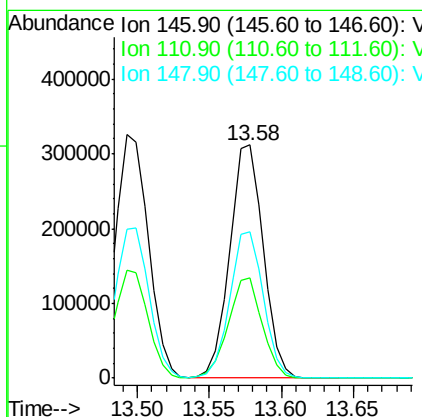
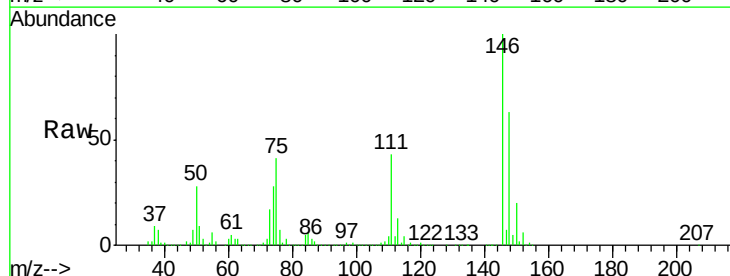
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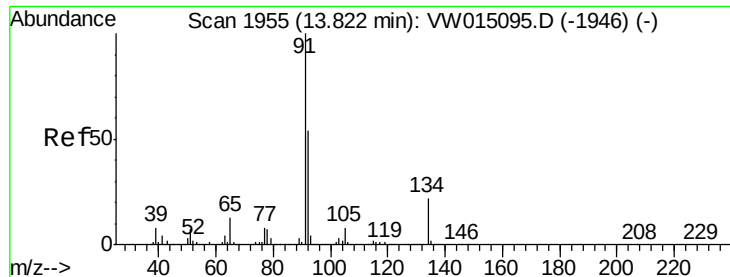
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#88
 1,4-Dichlorobenzene
 Concen: 52.902 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015113.D
 Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.3	63.9
148	62.9	31.6	94.8





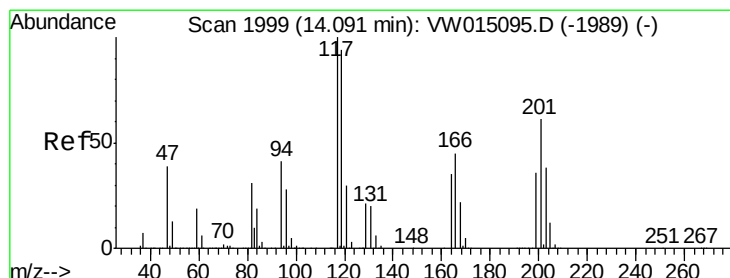
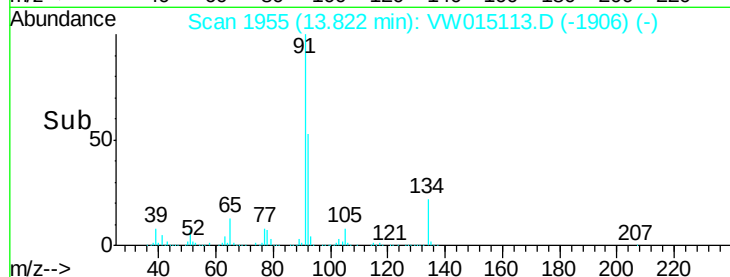
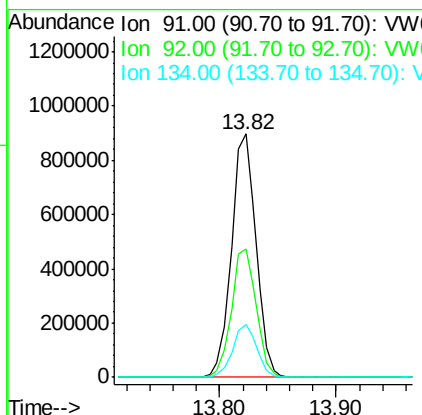
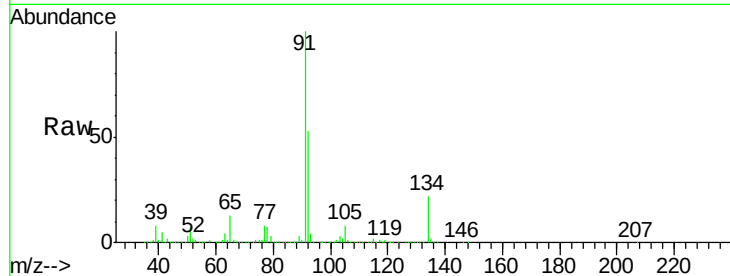
#89
n-Butylbenzene
Concen: 57.759 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	53.2	26.8	80.3	
134	21.4	10.8	32.4	

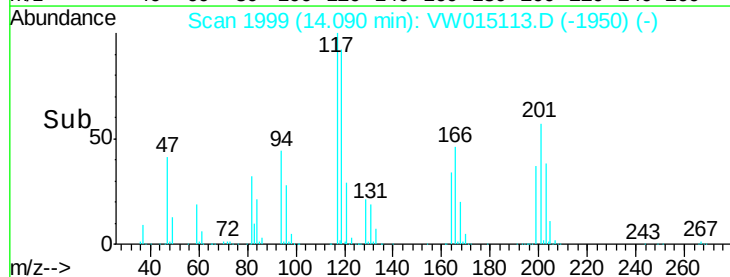
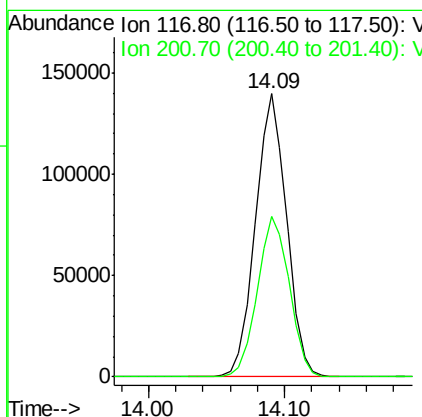
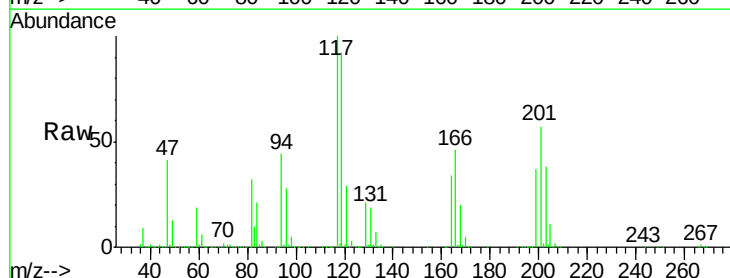
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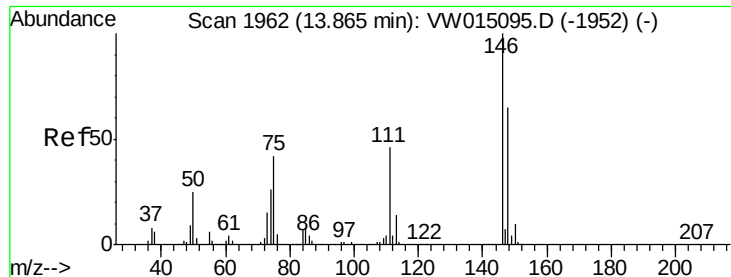
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#90
Hexachloroethane
Concen: 53.106 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
201	58.2	30.3	90.9	





#91

1,2-Dichlorobenzene

Concen: 52.765 ug/l

RT: 13.86 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Instrument :

MSVOA_W

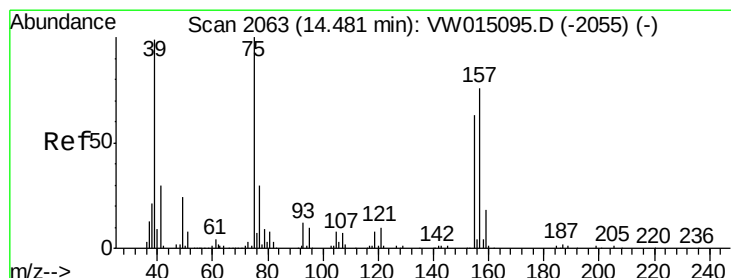
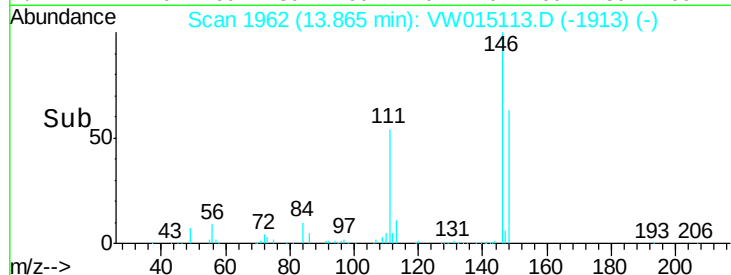
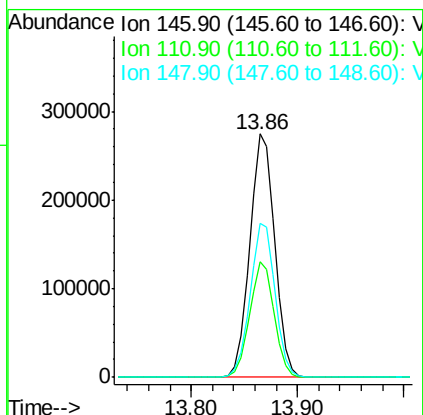
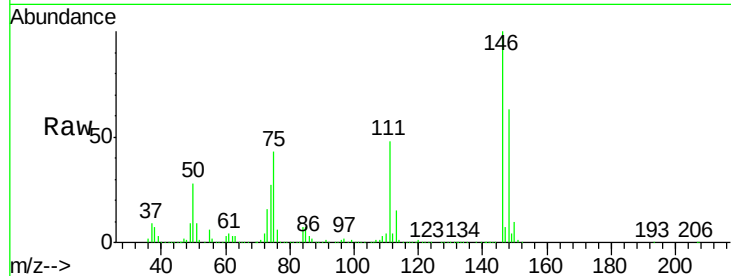
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	451328
Ion Ratio	Lower	Upper	
146	100		
111	46.5	23.1	69.2
148	63.0	32.3	96.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 52.131 ug/l

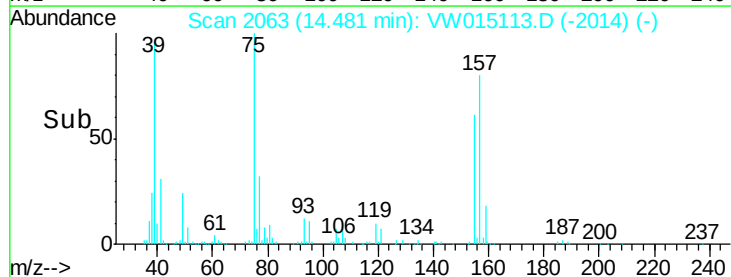
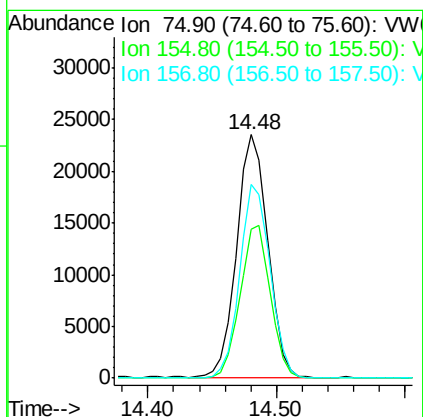
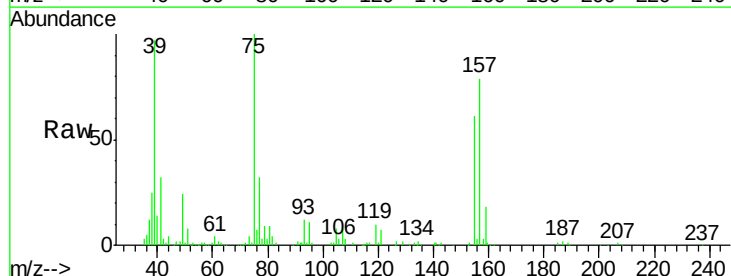
RT: 14.48 min Scan# 2063

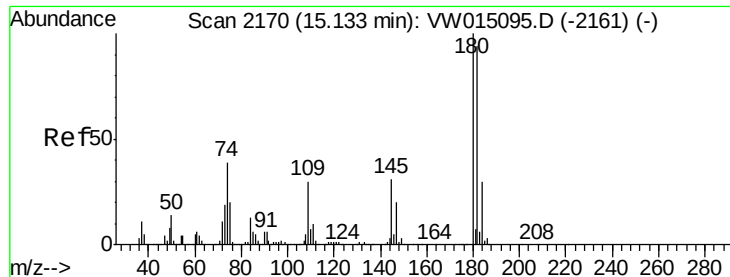
Delta R.T. -0.00 min

Lab File: VW015113.D

Acq: 10 Mar 2020 15:11

Tgt Ion:	75	Resp:	39642
Ion Ratio	Lower	Upper	
75	100		
155	60.0	32.1	96.3
157	77.1	39.6	118.7





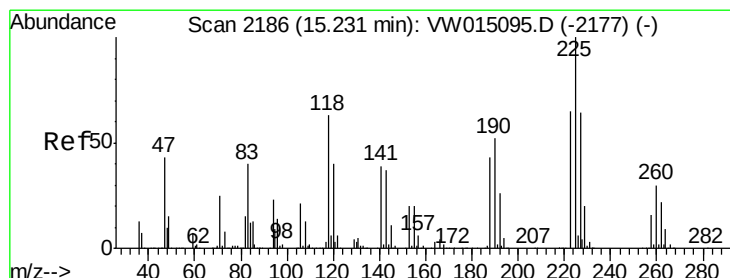
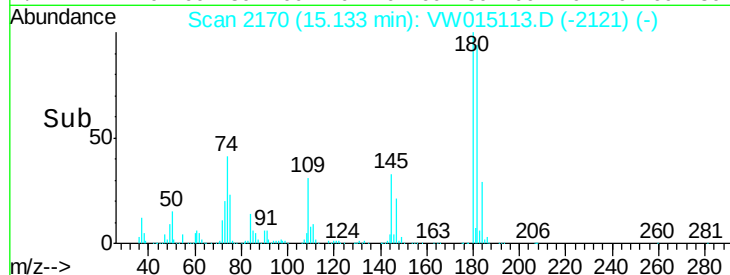
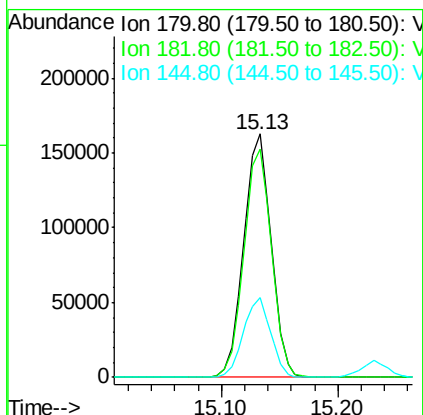
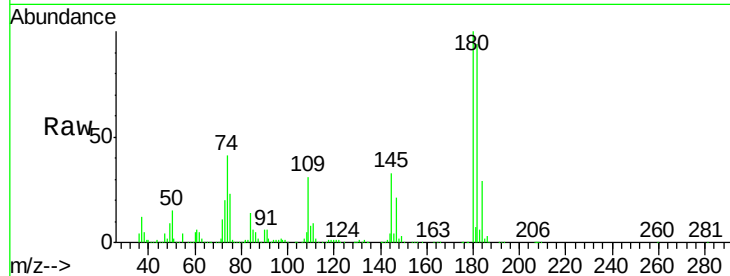
#93
1,2,4-Trichlorobenzene
Concen: 54.713 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.6	142.9
145	32.7	16.2	48.5

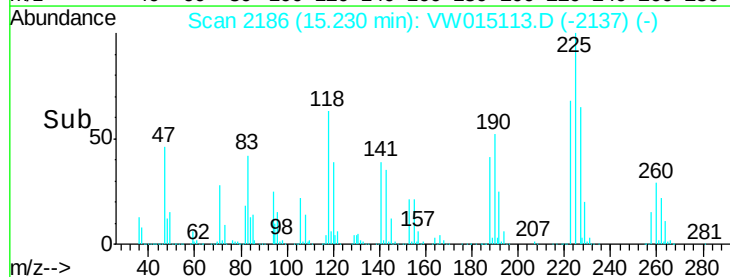
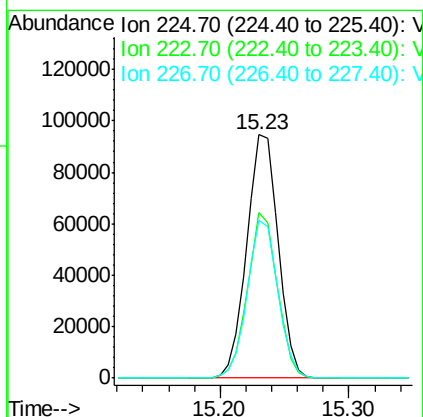
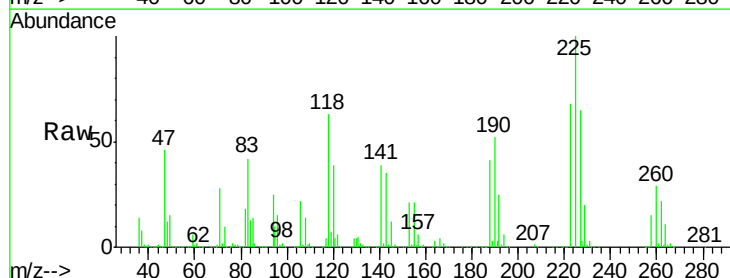
Manual Integrations
APPROVED

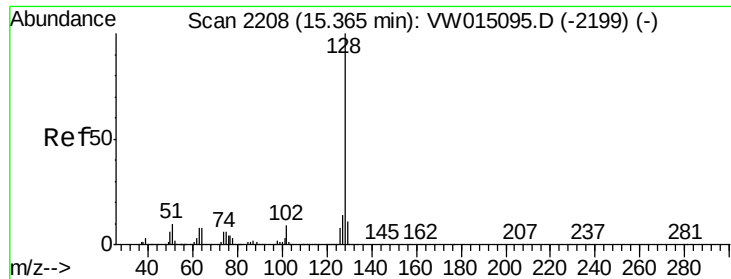
MMDadoda
3/11/2020 3:22:16 PM



#94
Hexachlorobutadiene
Concen: 51.771 ug/l
RT: 15.23 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.5	97.4
227	63.3	33.0	99.0





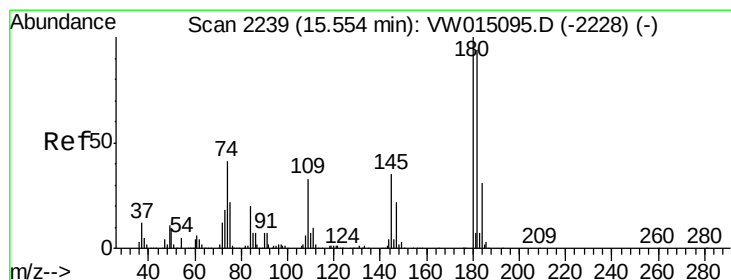
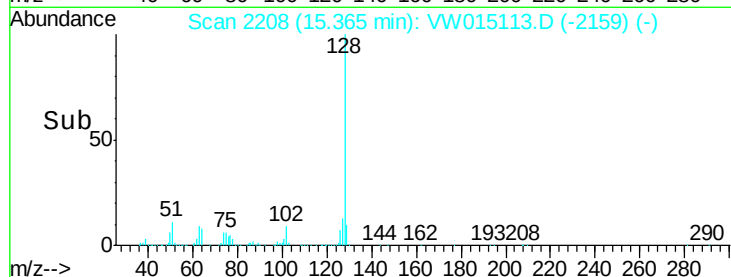
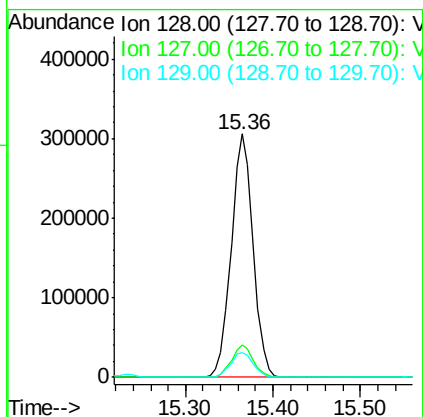
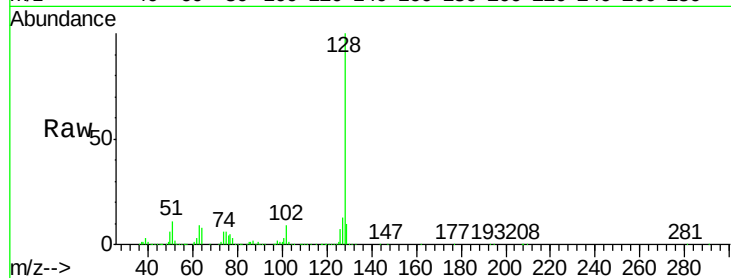
#95
Naphthalene
Concen: 49.622 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
3/11/2020 3:22:16 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.961 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW015113.D
Acq: 10 Mar 2020 15:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.9	143.7
145	35.3	17.5	52.6

