

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015716.D
 Acq On : 25 Jun 2020 09:29
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:21:16 AM

Quant Time: Jun 26 01:53:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	193690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	294571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	141434	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	103397	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	7.88	113	93527	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.32	98	375168	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.62	95	141263	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	66148	57.276	ug/l	97
3) Chloromethane	2.21	50	73191	53.970	ug/l	97
4) Vinyl Chloride	2.37	62	120023	54.744	ug/l	97
5) Bromomethane	2.78	94	93316	57.910	ug/l	100
6) Chloroethane	2.93	64	82436	57.136	ug/l	96
7) Trichlorofluoromethane	3.26	101	95114	57.779	ug/l	97
8) Diethyl Ether	3.68	74	51786	54.471	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	101145	52.126	ug/l	100
10) Methyl Iodide	4.27	142	140753	51.301	ug/l	99
11) Tert butyl alcohol	5.21	59	27101	223.217	ug/l	96
12) 1,1-Dichloroethene	4.04	96	98927	52.359	ug/l	99
13) Acrolein	3.90	56	33970	226.911	ug/l	100
14) Allyl chloride	4.67	41	157258	51.303	ug/l	99
15) Acrylonitrile	5.37	53	96970	247.215	ug/l	100
16) Acetone	4.13	43	118254	288.646	ug/l	100
17) Carbon Disulfide	4.38	76	285732	52.545	ug/l	99
18) Methyl Acetate	4.68	43	41716	49.134	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	144452	50.801	ug/l	98
20) Methylene Chloride	4.91	84	108853	54.988	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	112696	52.025	ug/l	99
22) Diisopropyl ether	6.32	45	314829	51.640	ug/l	98
23) Vinyl Acetate	6.26	43	931423	261.983	ug/l	100
24) 1,1-Dichloroethane	6.21	63	199078	51.875	ug/l	98
25) 2-Butanone	7.18	43	144039	260.138	ug/l	98
26) 2,2-Dichloropropane	7.17	77	126849	49.282	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	120023	51.506	ug/l	99
28) Bromochloromethane	7.51	49	73122	49.534	ug/l	99
29) Tetrahydrofuran	7.54	42	79958	245.739	ug/l	99
30) Chloroform	7.68	83	201855	51.287	ug/l	99
31) Cyclohexane	7.96	56	186884	50.342	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	173855	51.821	ug/l	98
36) 1,1-Dichloropropene	8.09	75	169057	55.178	ug/l	100
37) Ethyl Acetate	7.26	43	58204	49.754	ug/l	98
38) Carbon Tetrachloride	8.07	117	162945	54.865	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	208909	56.295	ug/l	97
40) Benzene	8.32	78	447206	53.681	ug/l	99
41) Methacrylonitrile	7.48	41	34506	51.394	ug/l	99
42) 1,2-Dichloroethane	8.40	62	135936	52.745	ug/l	99
43) Isopropyl Acetate	8.43	43	120039	51.419	ug/l	100
44) Trichloroethene	9.09	130	119829	53.365	ug/l	95
45) 1,2-Dichloropropane	9.37	63	107571	52.827	ug/l	100
46) Dibromomethane	9.46	93	54307	51.545	ug/l	99
47) Bromodichloromethane	9.65	83	145207	52.837	ug/l	98
48) Methyl methacrylate	9.44	41	56225	52.679	ug/l	98
49) 1,4-Dioxane	9.47	88	15174	1097.884	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	293478	260.679	ug/l	100
52) Toluene	10.39	92	295531	54.939	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	140850	53.052	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	170642	53.802	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	77565	52.950	ug/l	98
56) Ethyl methacrylate	10.65	69	98646	54.122	ug/l	97
57) 1,3-Dichloropropane	10.93	76	136050	52.388	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	234889	272.328	ug/l	100
59) 2-Hexanone	10.97	43	211737	276.257	ug/l	100
60) Dibromochloromethane	11.13	129	91963	53.873	ug/l	100
61) 1,2-Dibromoethane	11.24	107	73294	52.345	ug/l	98
64) Tetrachloroethene	10.87	164	99749	51.498	ug/l	96
65) Chlorobenzene	11.66	112	306348	52.699	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	108880	53.419	ug/l	99
67) Ethyl Benzene	11.73	91	586303	54.194	ug/l	99
68) m/p-Xylenes	11.84	106	445384	109.637	ug/l	99
69) o-Xylene	12.17	106	205275	54.958	ug/l	100
70) Styrene	12.18	104	354306	55.520	ug/l	99
71) Bromoform	12.35	173	49645	52.938	ug/l #	99
73) Isopropylbenzene	12.47	105	580808	53.833	ug/l	99
74) N-amyl acetate	12.27	43	117109	51.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	88278	51.145	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	64584m	50.062	ug/l	
77) Bromobenzene	12.75	156	124496	51.749	ug/l	98
78) n-propylbenzene	12.80	91	698735	53.804	ug/l	100
79) 2-Chlorotoluene	12.90	91	392885	53.730	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	504431	55.177	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	26304	51.382	ug/l	96
82) 4-Chlorotoluene	12.99	91	413484	53.450	ug/l	99
83) tert-Butylbenzene	13.21	119	418371	54.162	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	491040	53.860	ug/l	99
85) sec-Butylbenzene	13.38	105	611100	55.356	ug/l	100
86) p-Isopropyltoluene	13.50	119	549037	54.739	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	257035	53.821	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	242266	51.219	ug/l	98
89) n-Butylbenzene	13.82	91	536181	55.687	ug/l	99
90) Hexachloroethane	14.10	117	94555	52.973	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	216999	52.551	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14130	51.124	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	148460	54.444	ug/l	96
94) Hexachlorobutadiene	15.24	225	91153	52.472	ug/l	99
95) Naphthalene	15.37	128	243092	53.900	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	121728	51.849	ug/l	100

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

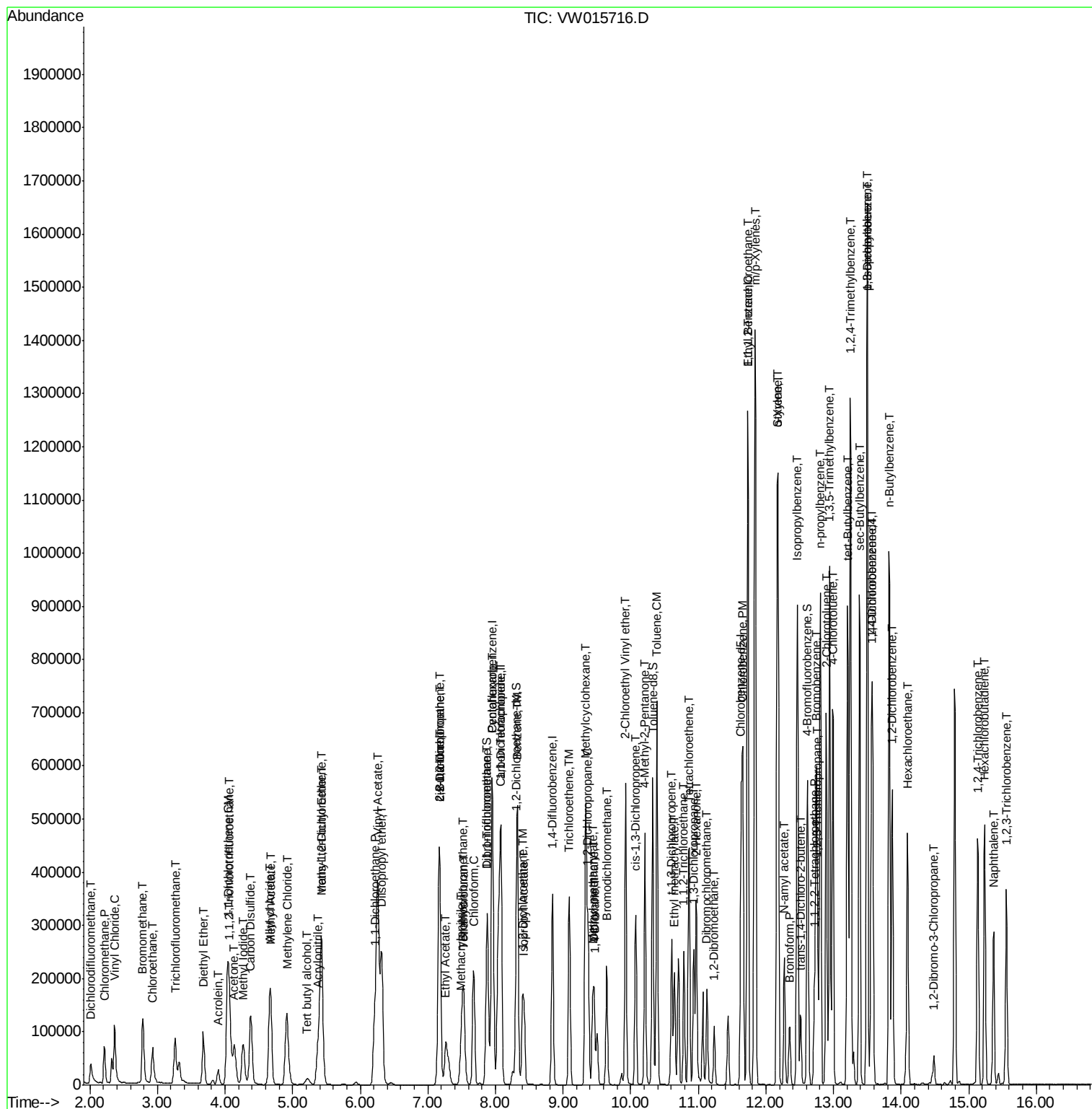
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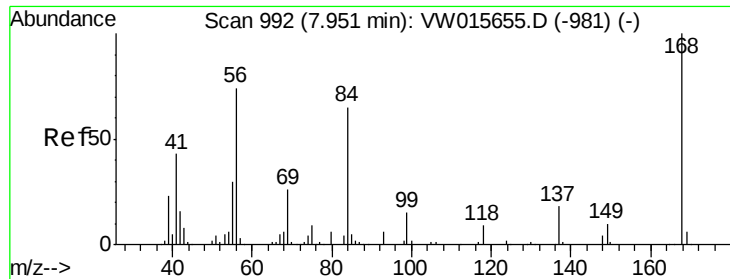
Instrument :
MSVOA_W
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VSTDCCC050

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 193690

Ion Ratio Lower Upper

168 100

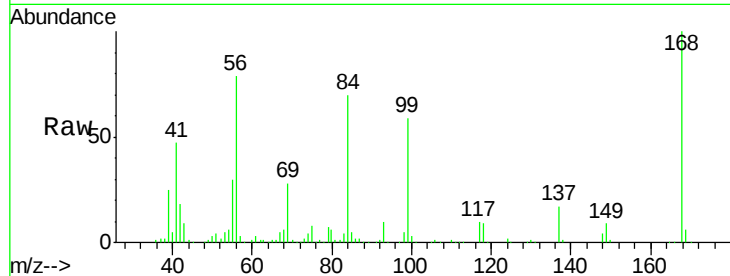
99 58.6 48.6 73.0

Manual Integrations

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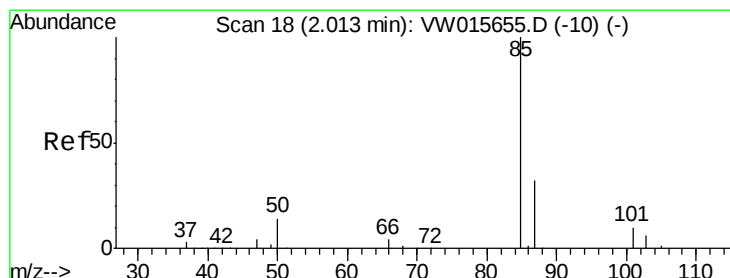
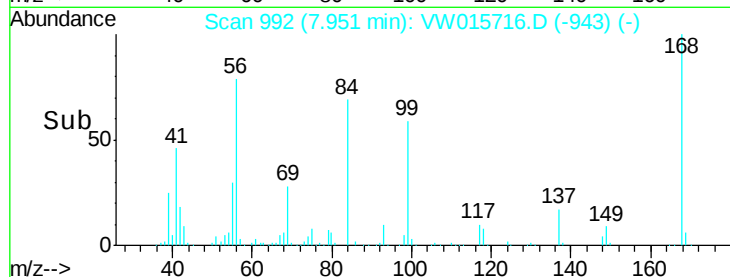
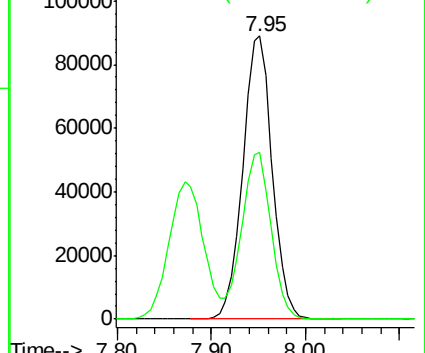
MMDadoda

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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: 57.276 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015716.D

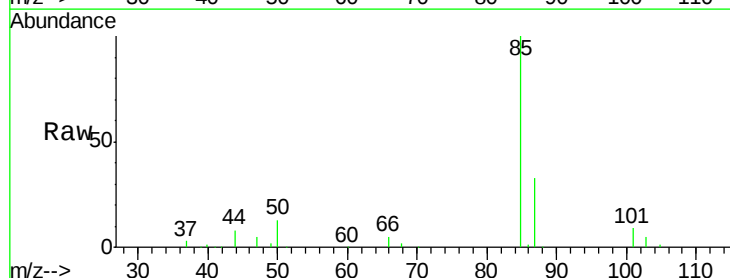
Acq: 25 Jun 2020 09:29

Tgt Ion: 85 Resp: 66148

Ion Ratio Lower Upper

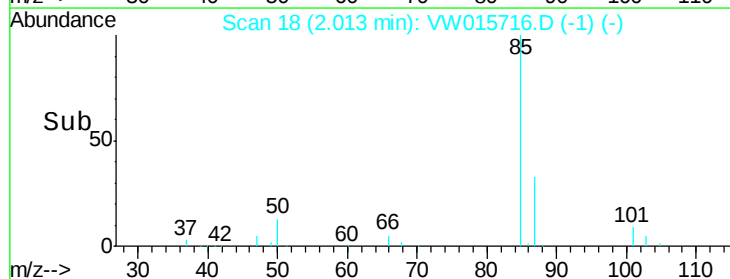
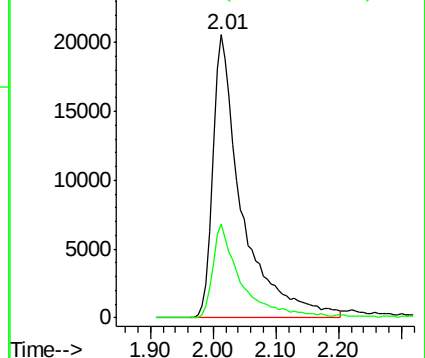
85 100

87 33.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 53.970 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 73191

Ion Ratio Lower Upper

50 100

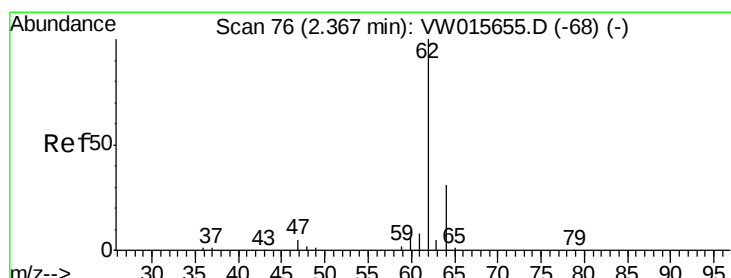
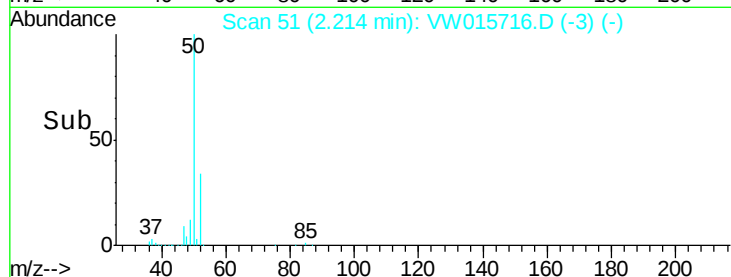
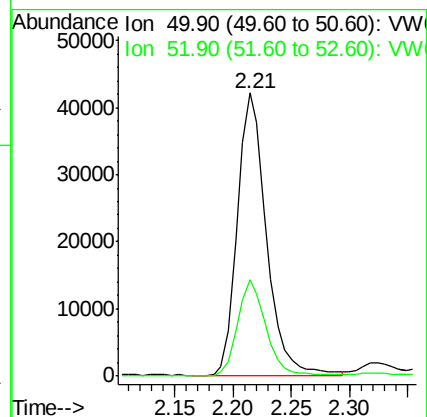
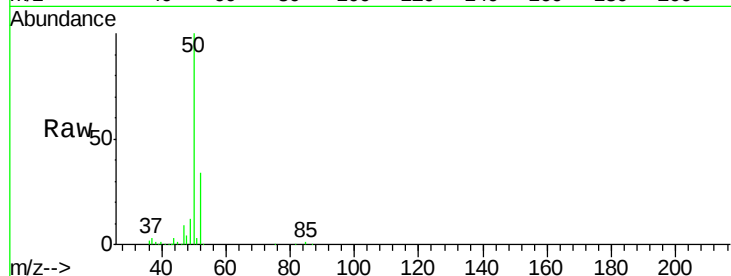
52 34.0 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 54.744 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015716.D

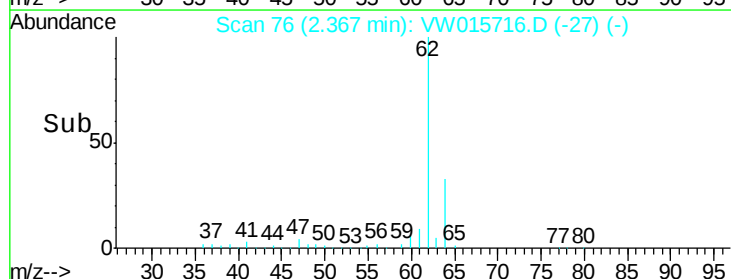
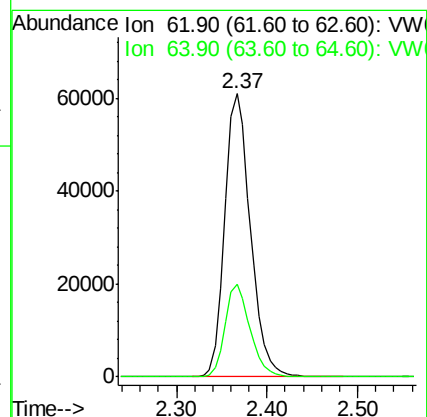
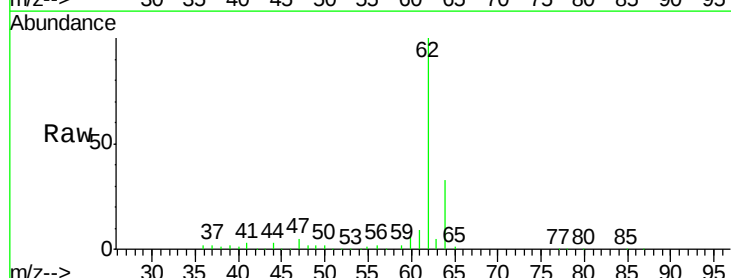
Acq: 25 Jun 2020 09:29

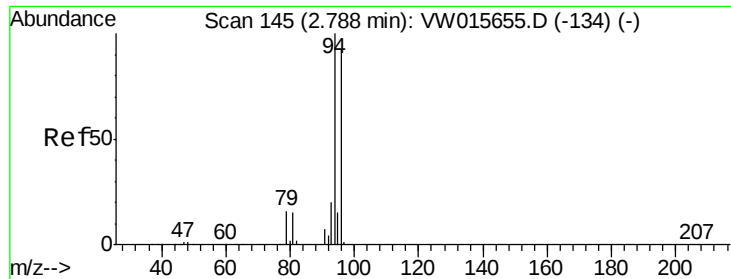
Tgt Ion: 62 Resp: 120023

Ion Ratio Lower Upper

62 100

64 32.8 25.1 37.7





#5

Bromomethane

Concen: 57.910 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 93316

Ion Ratio Lower Upper

94 100

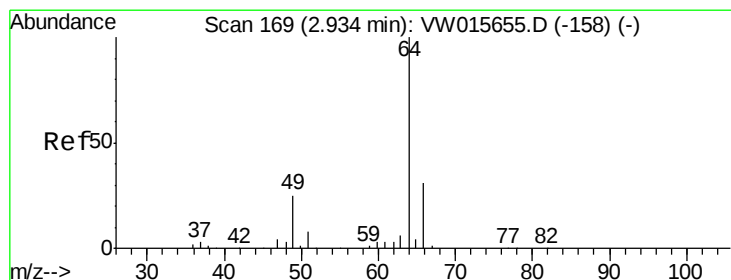
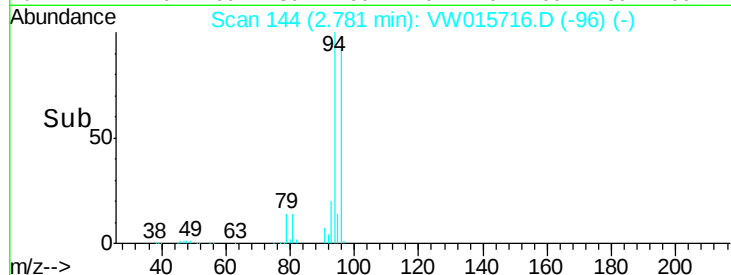
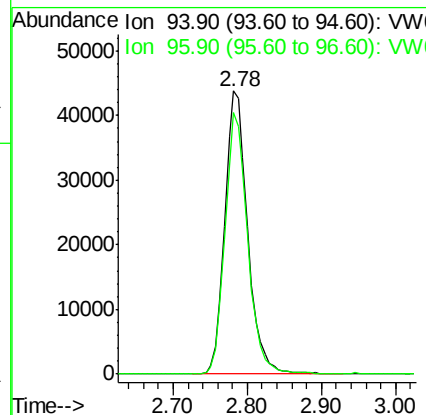
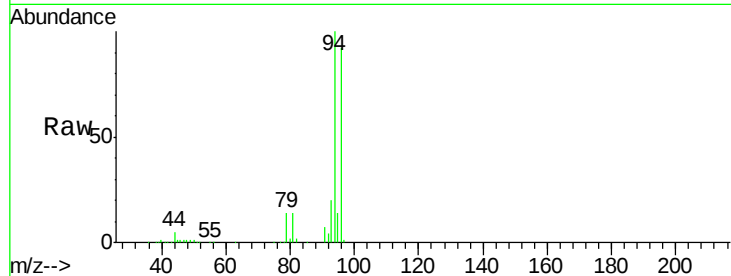
96 92.3 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 57.136 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015716.D

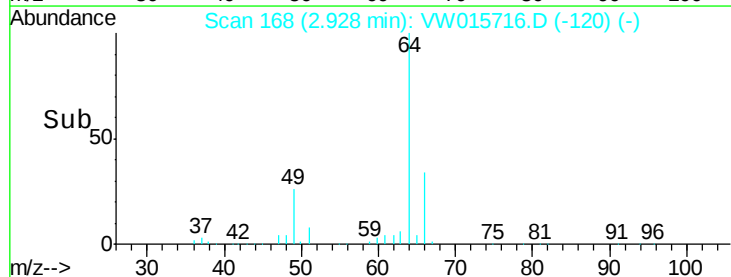
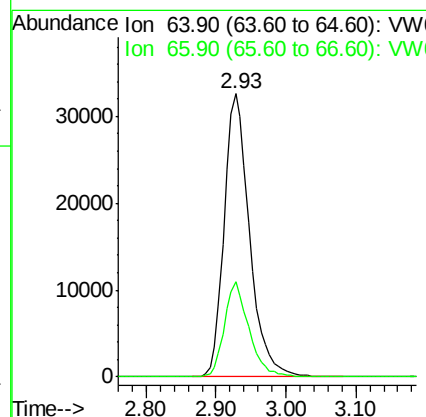
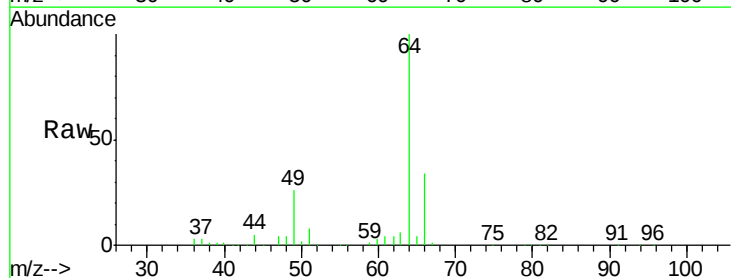
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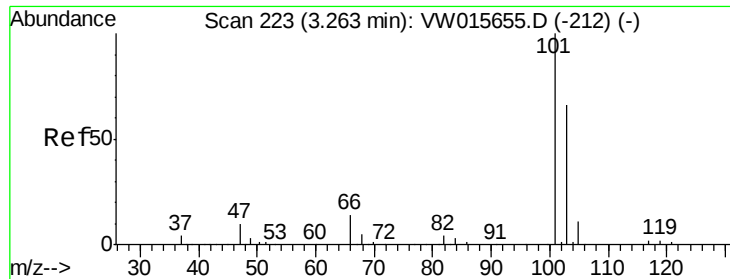
Tgt Ion: 64 Resp: 82436

Ion Ratio Lower Upper

64 100

66 33.8 25.3 37.9





#7

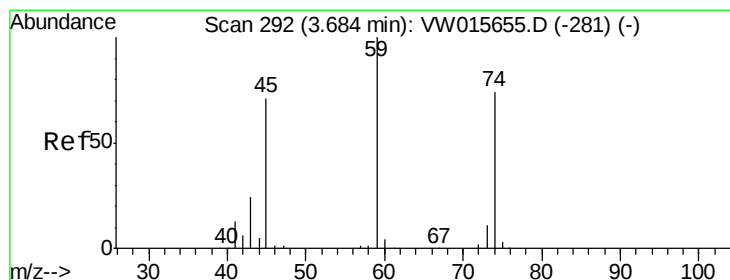
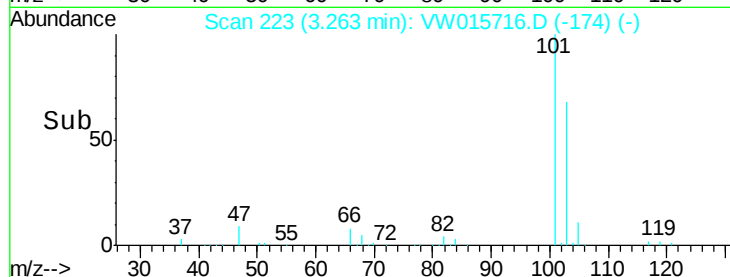
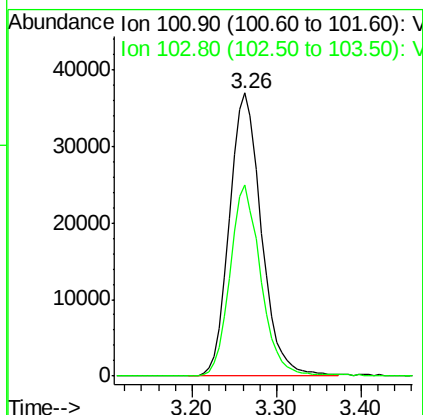
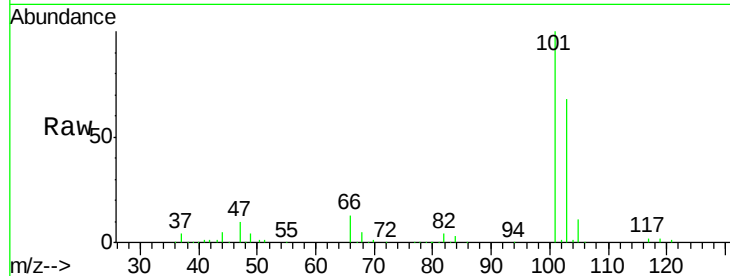
Trichlorofluoromethane
 Concen: 57.779 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.7	52.6	78.8

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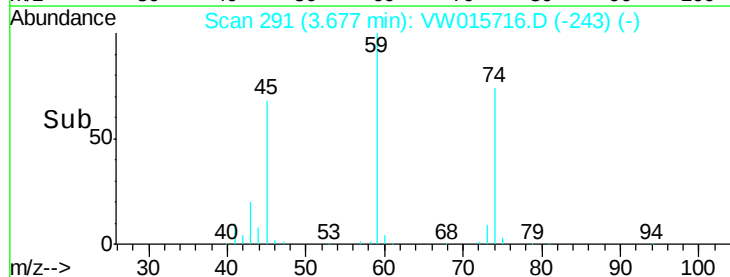
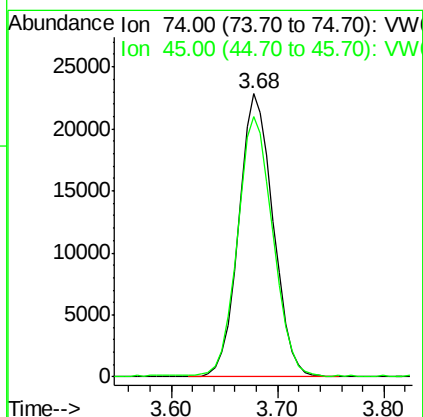
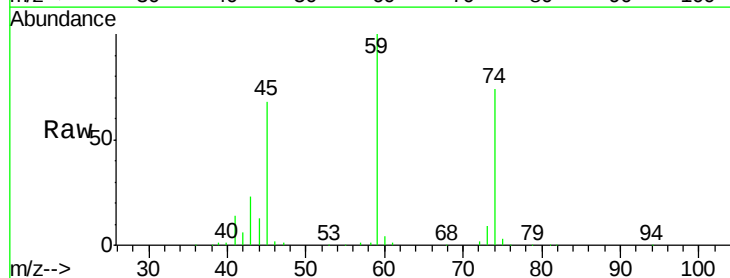
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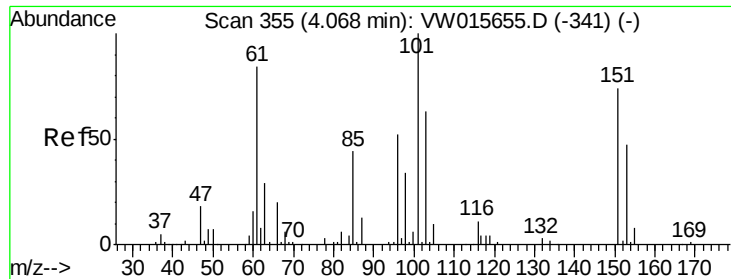


#8

Diethyl Ether
 Concen: 54.471 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.8	48.2	144.6





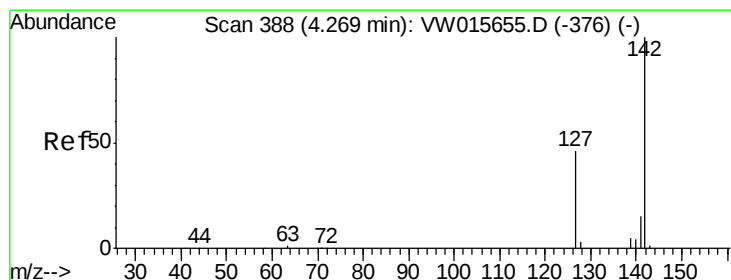
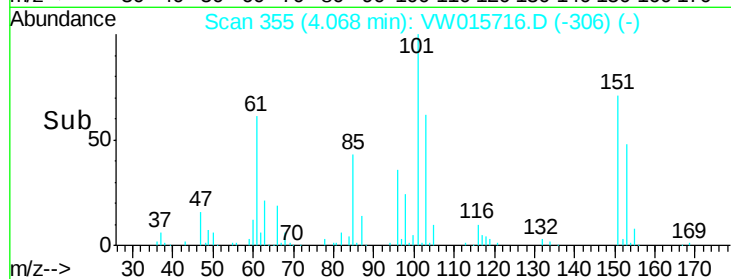
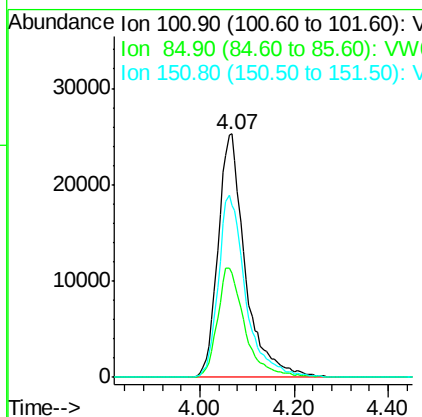
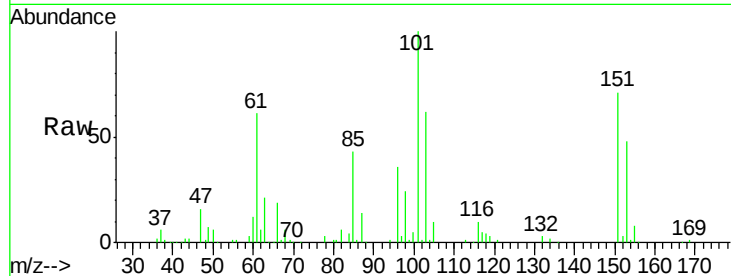
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.126 ug/l
 RT: 4.07 min Scan# 355
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.3	36.6	55.0
151	75.3	60.4	90.6

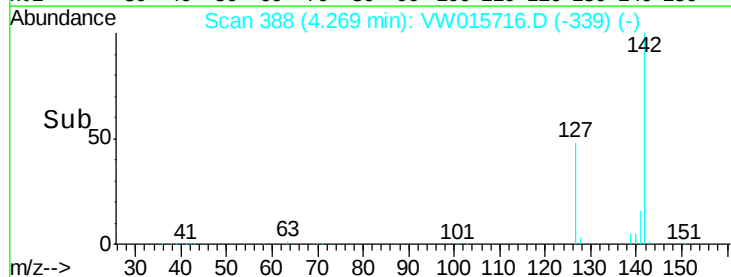
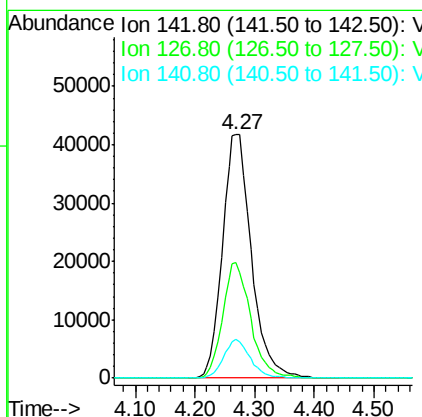
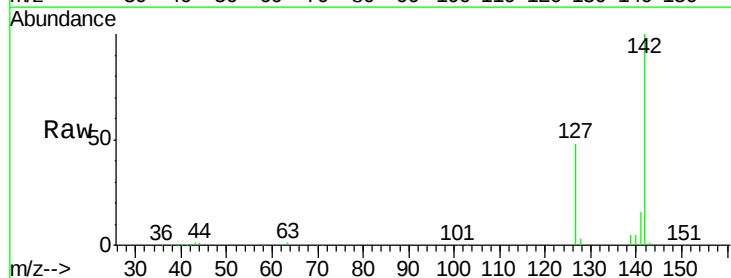
Manual Integrations
 APPROVED

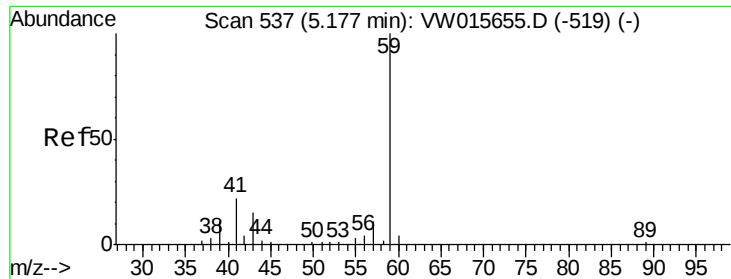
MMDadoda
 6/26/2020 11:21:16 AM



#10
 Methyl Iodide
 Concen: 51.301 ug/l
 RT: 4.27 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.9	36.4	54.6
141	14.8	11.6	17.4





#11

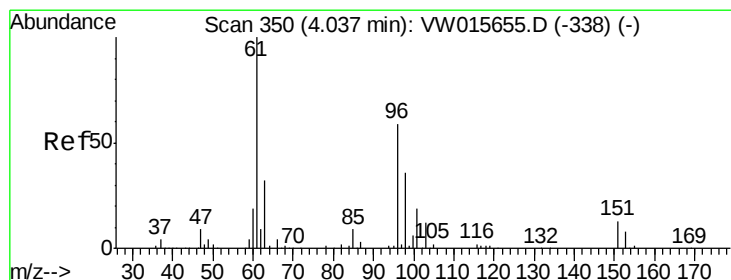
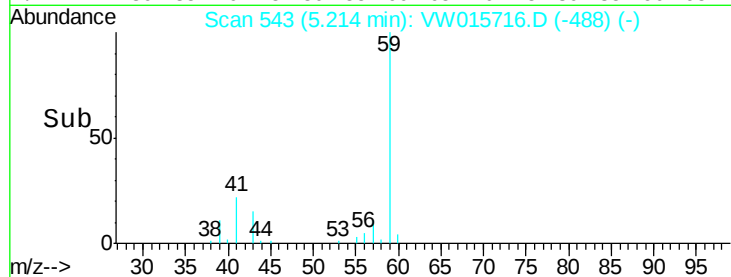
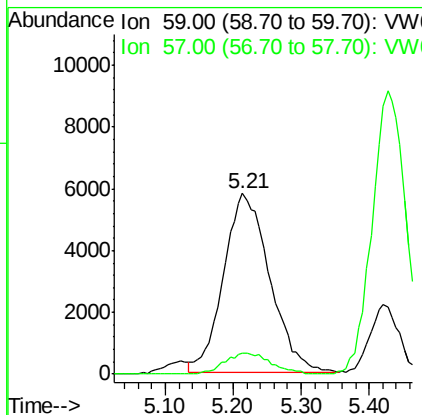
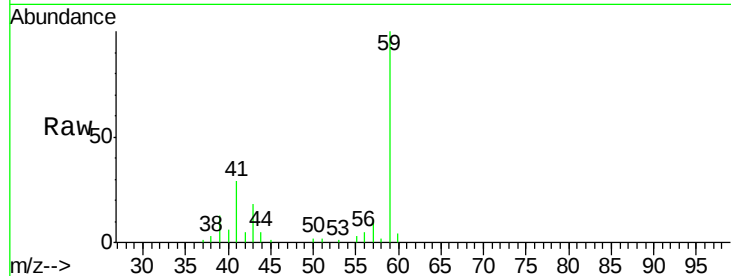
Tert butyl alcohol
Concen: 223.217 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.04 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.8	8.4	12.6

Manual Integrations
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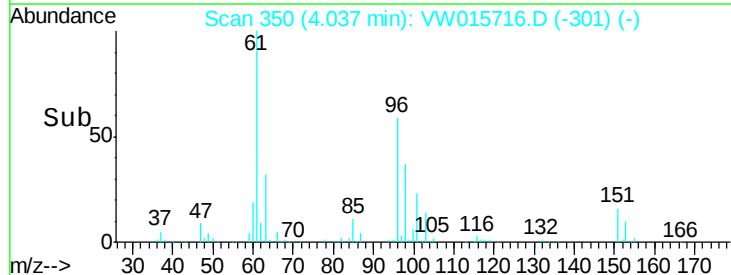
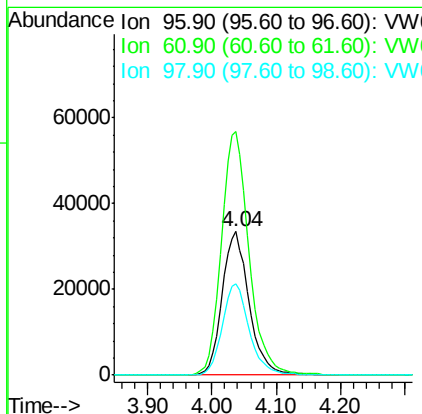
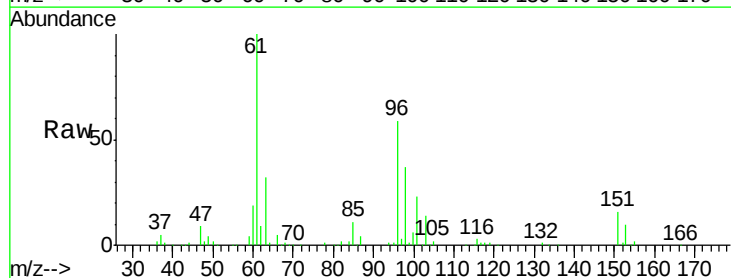
MMDadoda
6/26/2020 11:21:16 AM

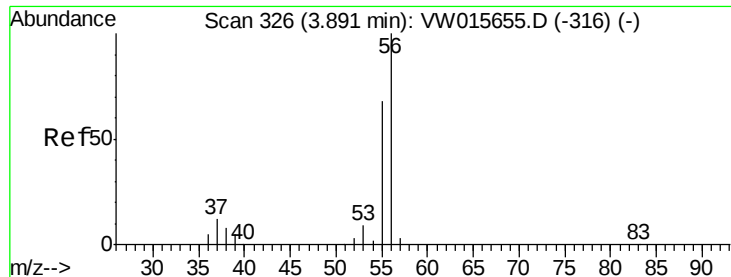


#12

1,1-Dichloroethene
Concen: 52.359 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.9	136.7	205.1
98	63.6	49.2	73.8





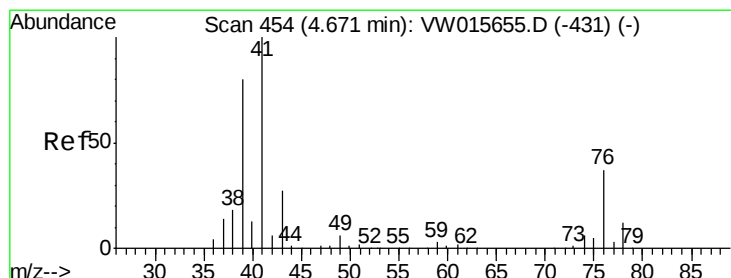
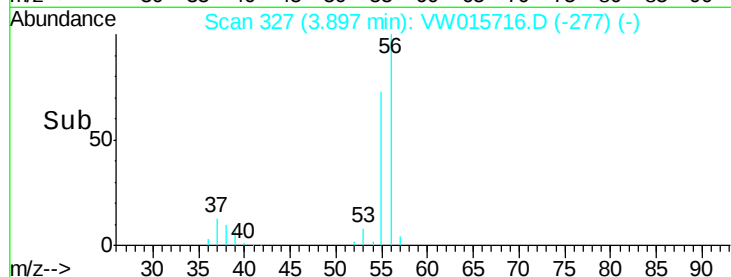
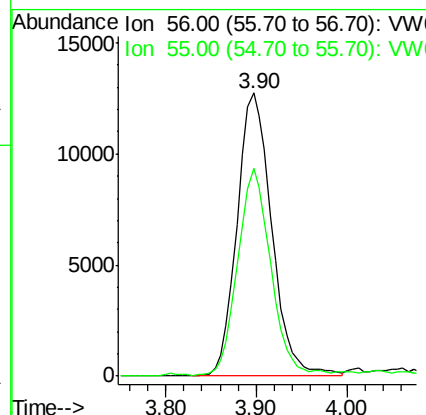
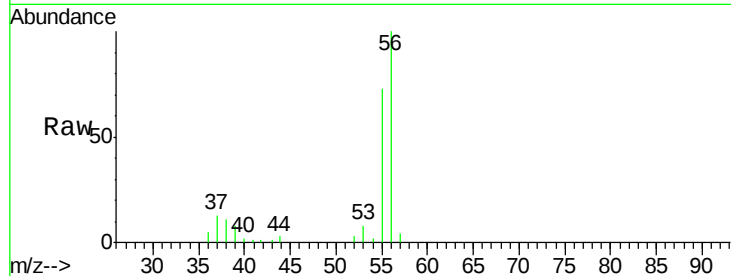
#13
Acrolein
Concen: 226.911 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 56 Resp: 33970
Ion Ratio Lower Upper
56 100
55 70.2 56.2 84.2

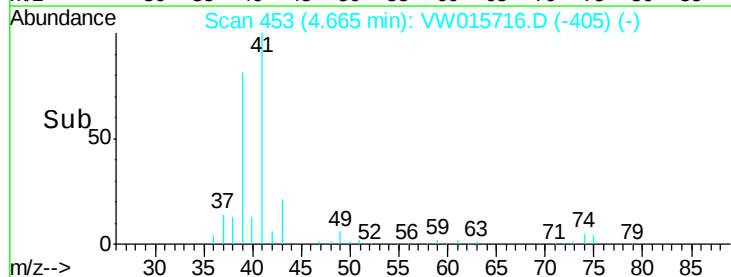
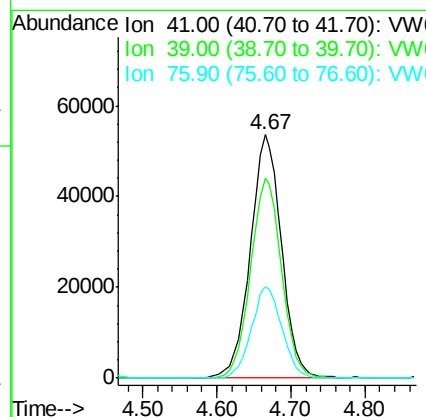
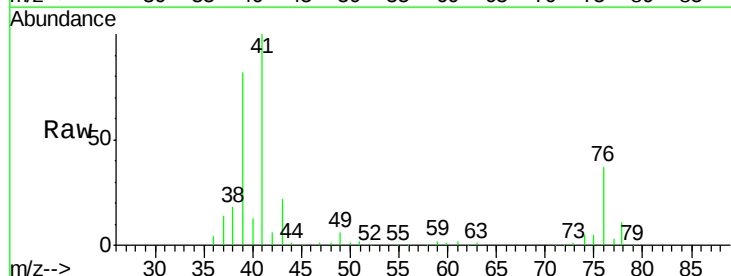
Manual Integrations
APPROVED

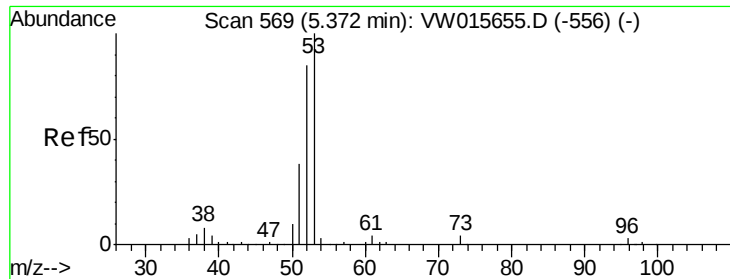
MMDadoda
6/26/2020 11:21:16 AM



#14
Allyl chloride
Concen: 51.303 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion: 41 Resp: 157258
Ion Ratio Lower Upper
41 100
39 81.7 64.6 97.0
76 37.0 29.1 43.7





#15

Acrylonitrile

Concen: 247.215 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

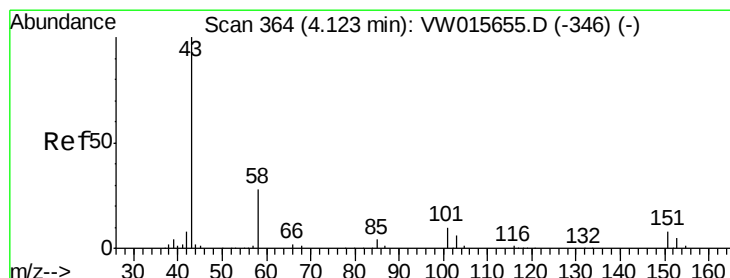
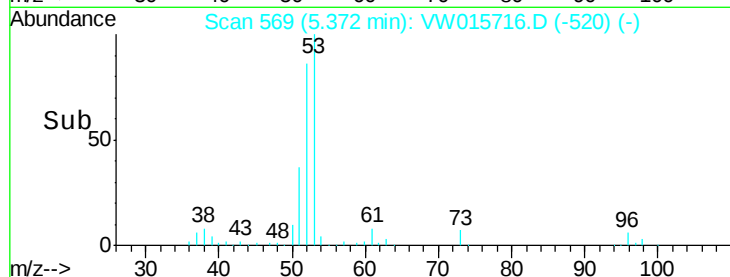
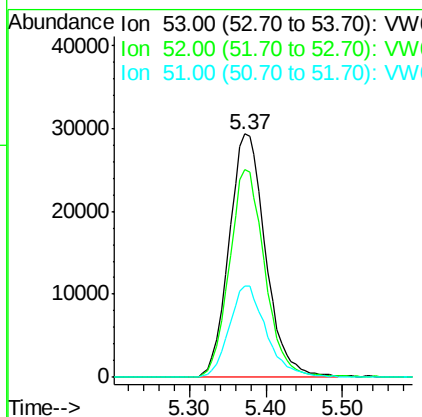
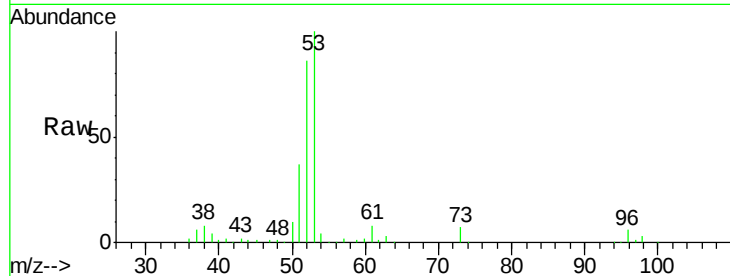
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	96970
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.8	98.6
51	38.3	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 288.646 ug/l

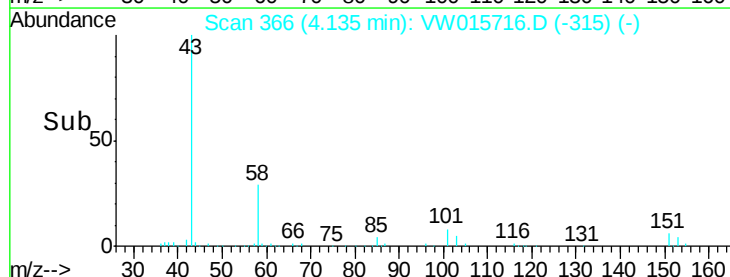
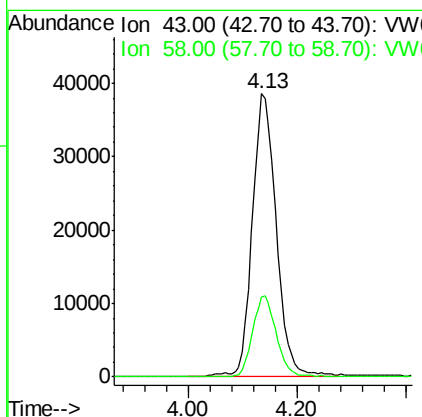
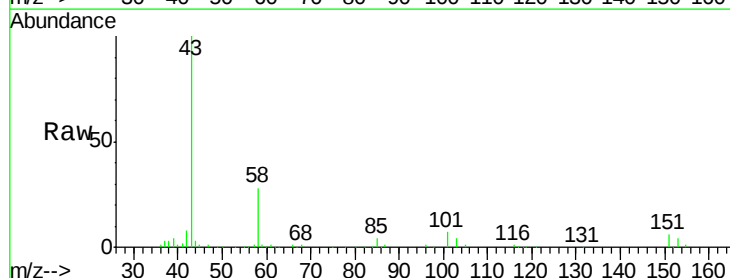
RT: 4.13 min Scan# 366

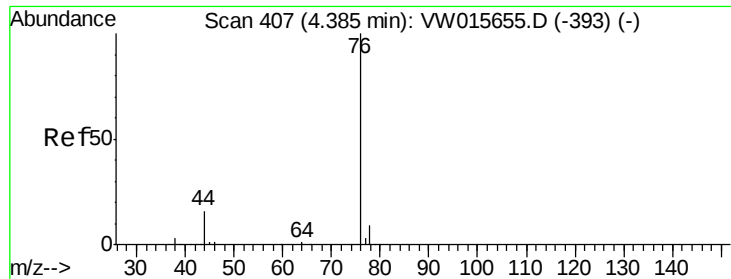
Delta R.T. 0.01 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Tgt Ion:	43	Resp:	118254
Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.6	33.8





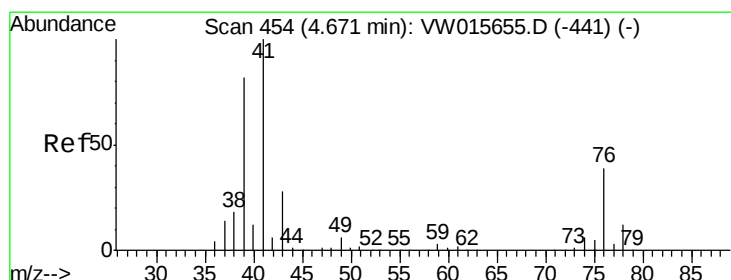
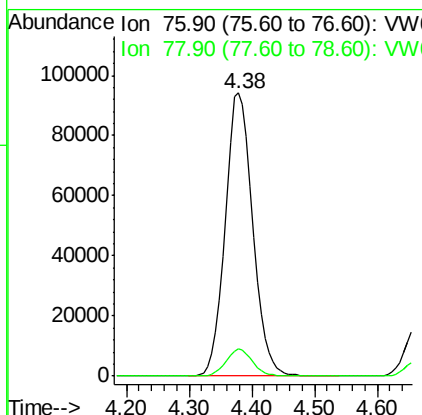
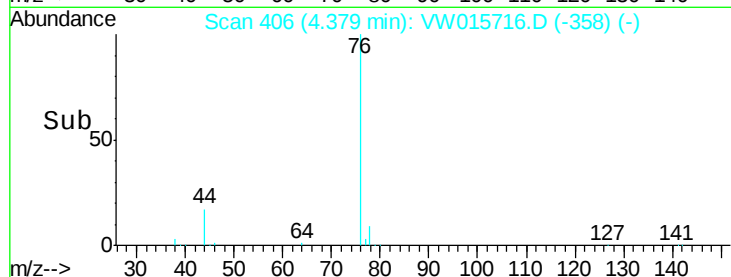
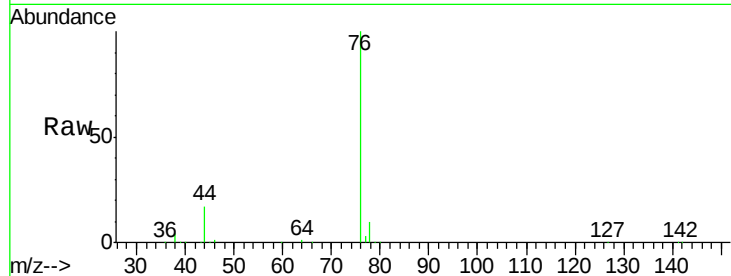
#17
Carbon Disulfide
Concen: 52.545 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 76 Resp: 285732
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

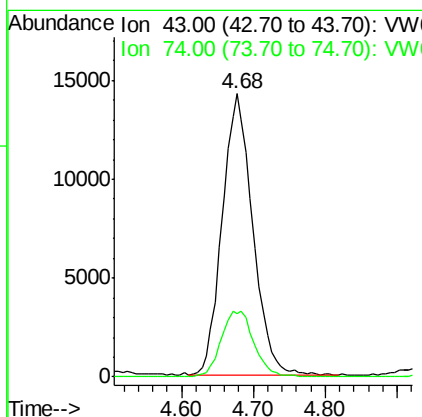
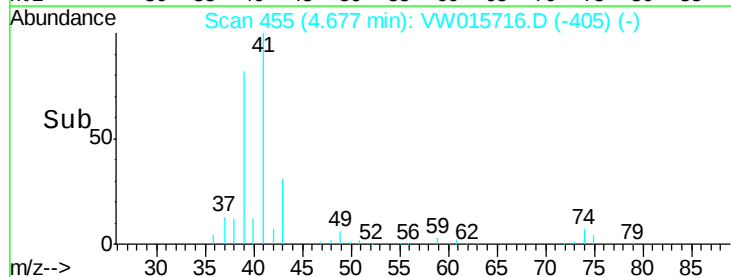
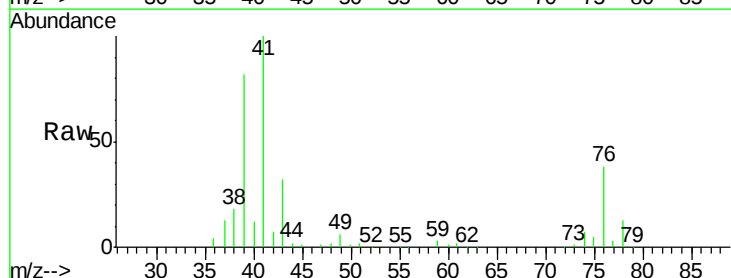
Manual Integrations
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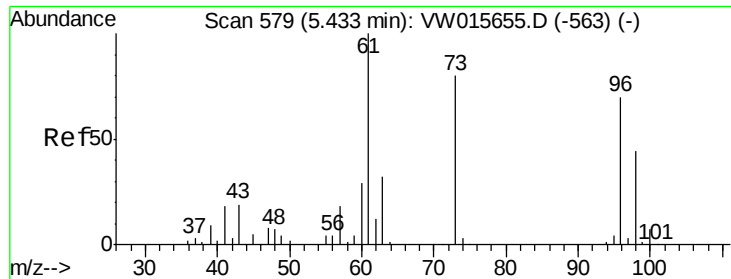
MMDadoda
6/26/2020 11:21:16 AM



#18
Methyl Acetate
Concen: 49.134 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion: 43 Resp: 41716
Ion Ratio Lower Upper
43 100
74 25.0 19.0 28.6





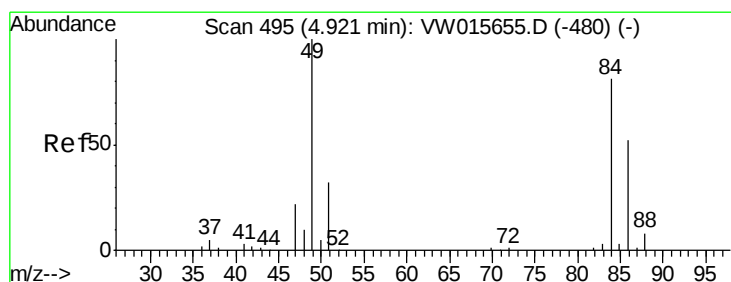
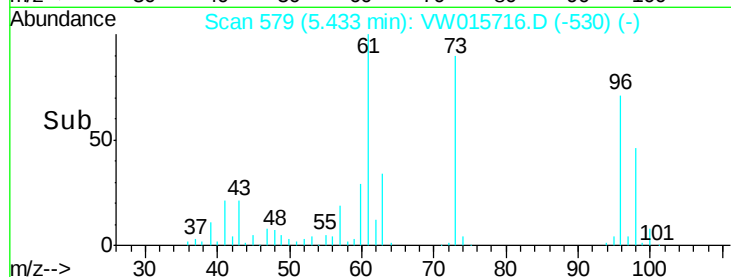
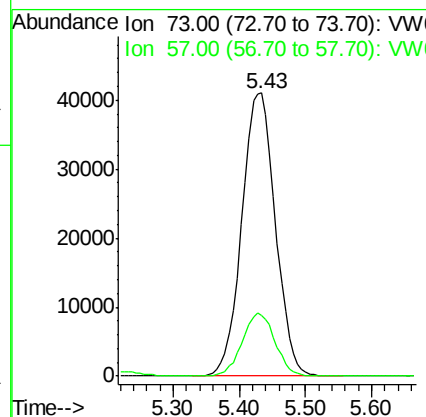
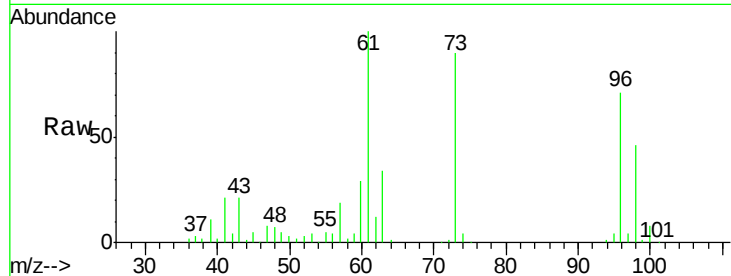
#19
Methyl tert-butyl Ether
Concen: 50.801 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 144452
Ion Ratio Lower Upper
73 100
57 21.5 18.1 27.1

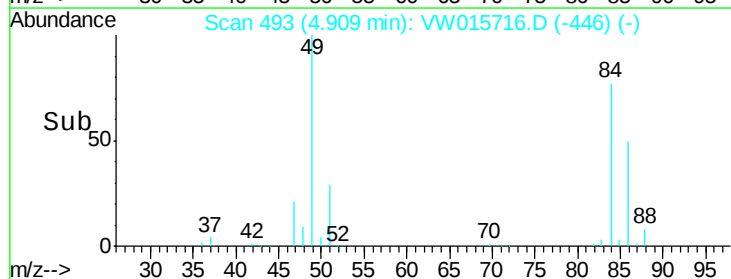
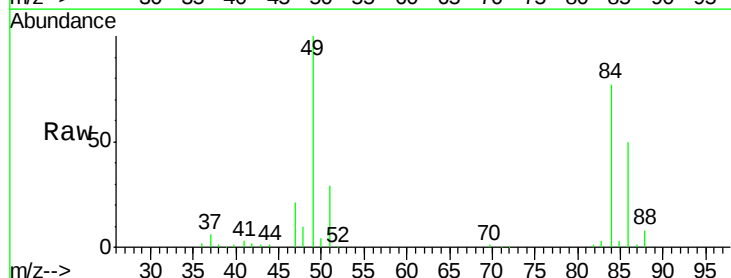
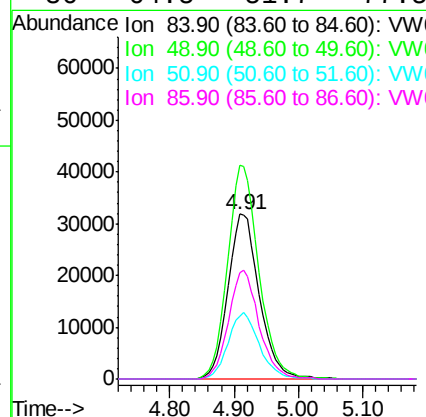
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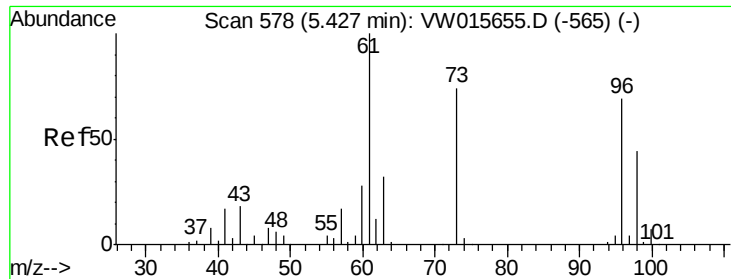
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#20
Methylene Chloride
Concen: 54.988 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion: 84 Resp: 108853
Ion Ratio Lower Upper
84 100
49 129.8 99.3 148.9
51 38.1 31.8 47.6
86 64.5 51.7 77.5





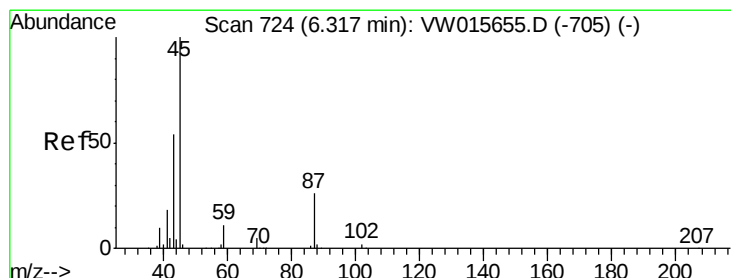
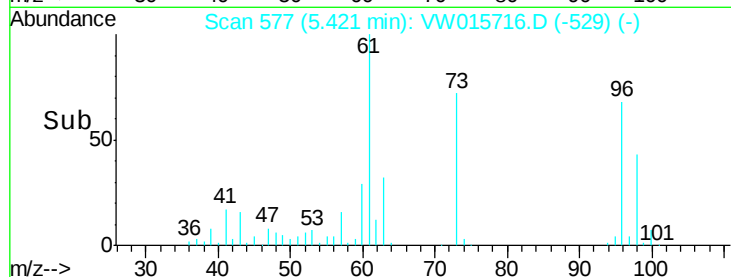
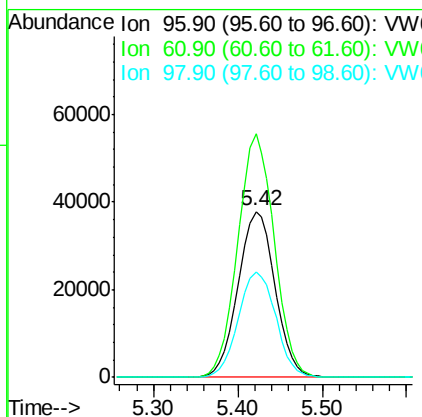
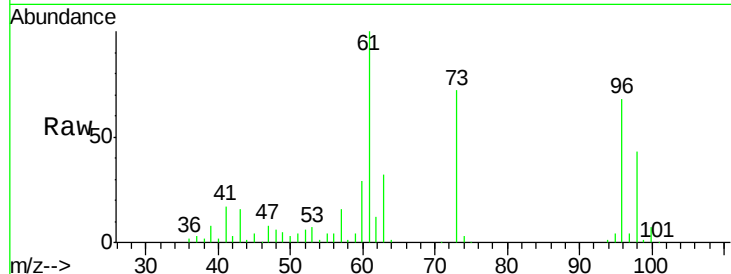
#21
trans-1,2-Dichloroethene
Concen: 52.025 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.6	116.2	174.2
98	63.1	51.4	77.0

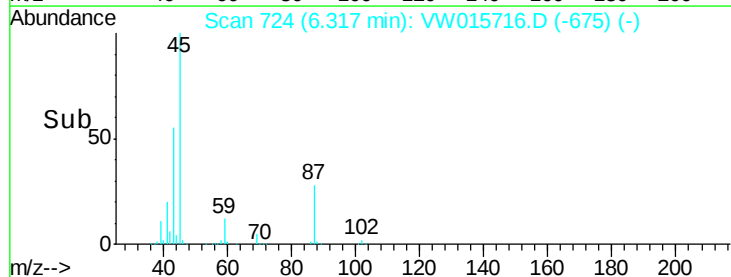
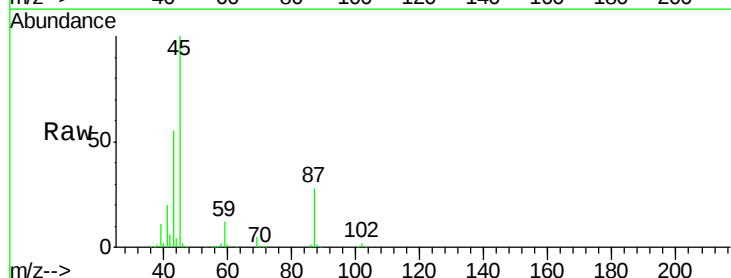
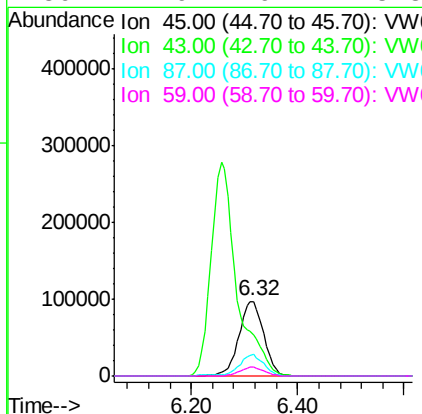
Manual Integrations
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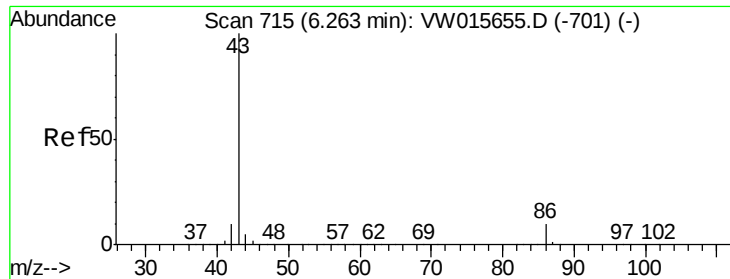
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#22
Diisopropyl ether
Concen: 51.640 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.3	43.9	65.9
87	28.5	21.2	31.8
59	11.9	9.2	13.8





#23

Vinyl Acetate

Concen: 261.983 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 931423

Ion Ratio Lower Upper

43 100

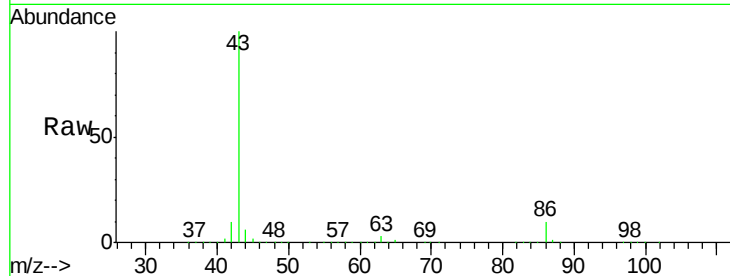
86 10.4 8.3 12.5

Manual Integrations

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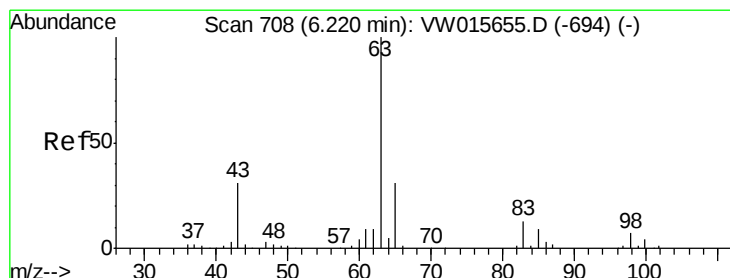
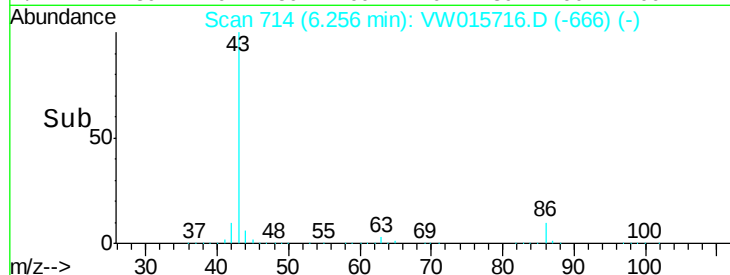
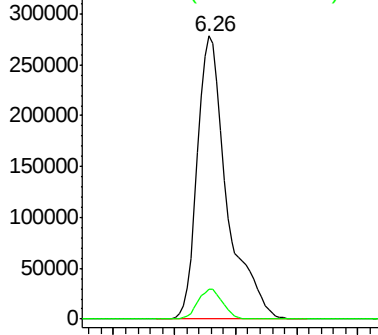
MMDadoda

6/26/2020 11:21:16 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.875 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

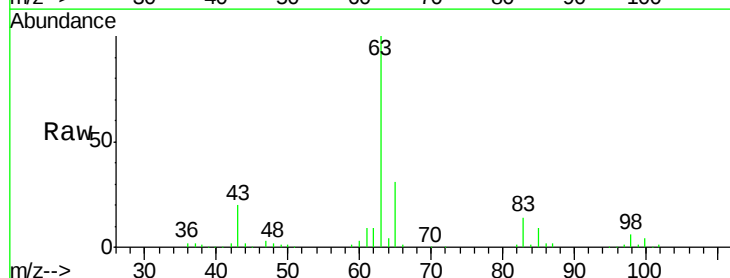
Tgt Ion: 63 Resp: 199078

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.5

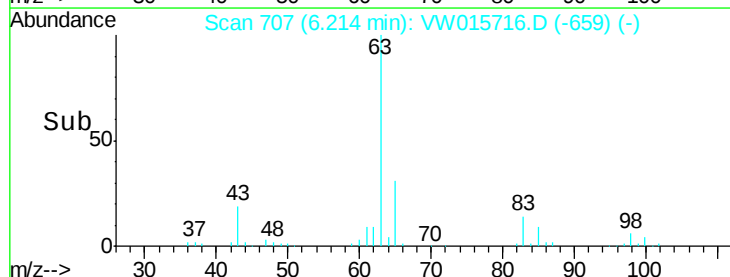
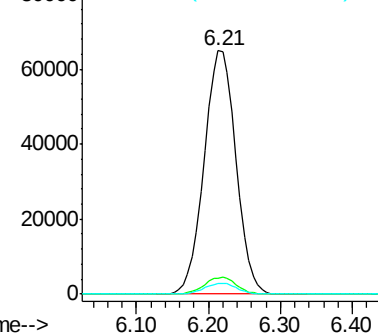
100 4.4 2.1 6.3

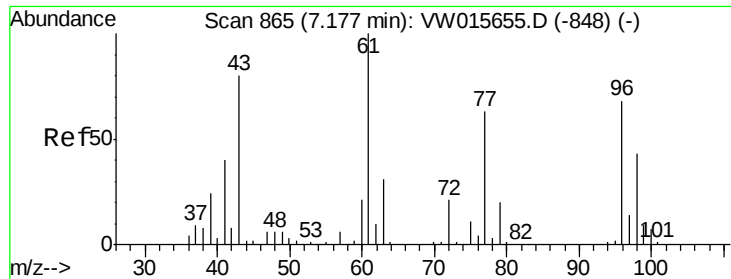


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 260.138 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 144039

Ion Ratio Lower Upper

43 100

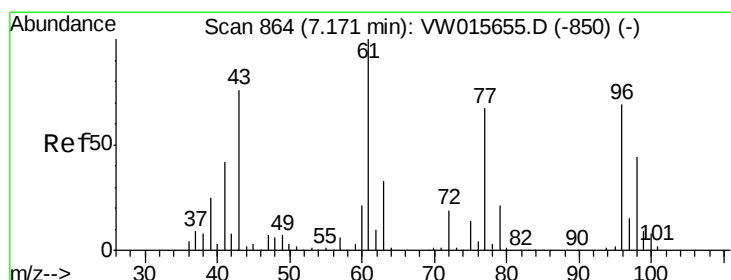
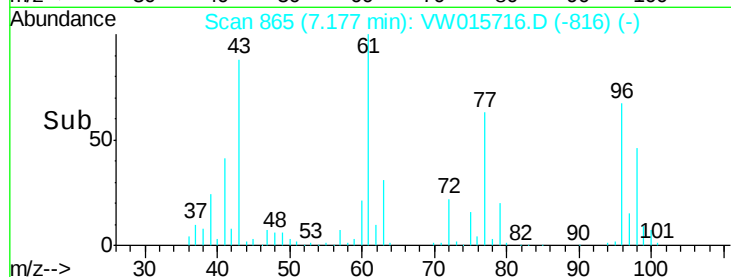
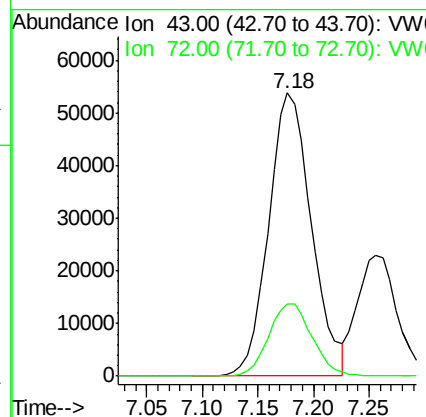
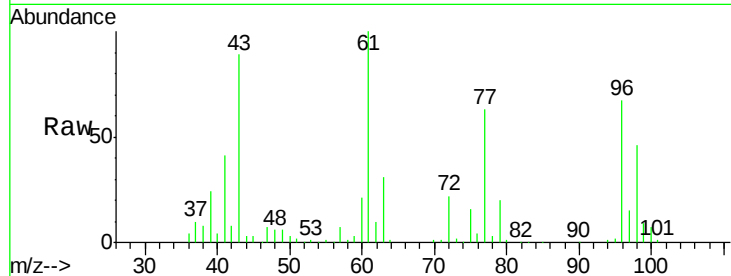
72 25.4 21.1 31.7

Manual Integrations

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6/26/2020 11:21:16 AM



#26

2,2-Dichloropropane

Concen: 49.282 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015716.D

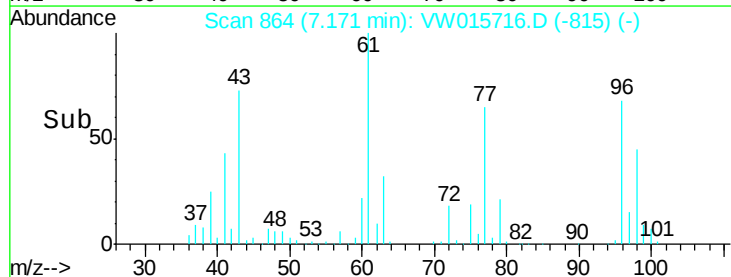
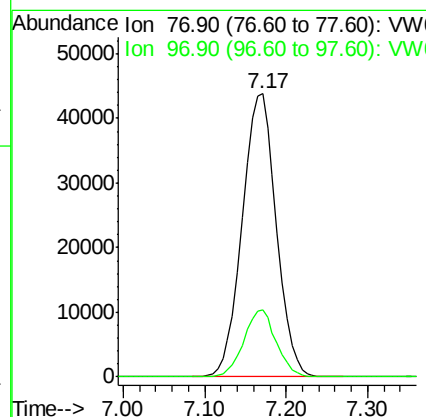
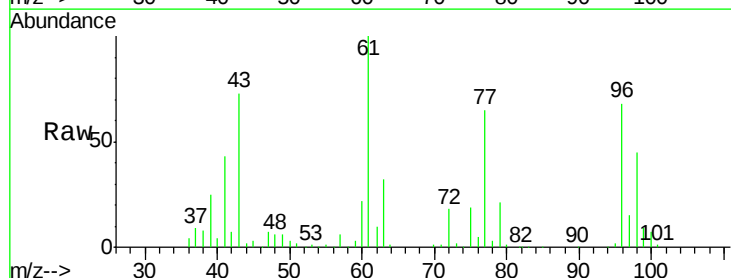
Acq: 25 Jun 2020 09:29

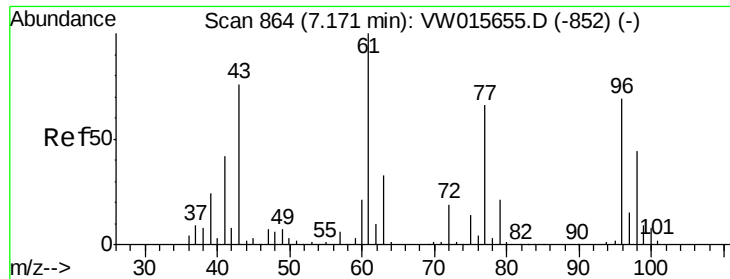
Tgt Ion: 77 Resp: 126849

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.5





#27

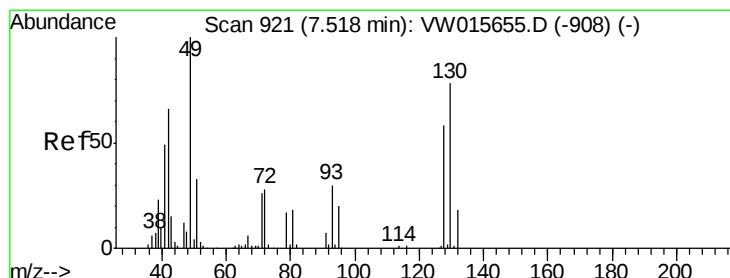
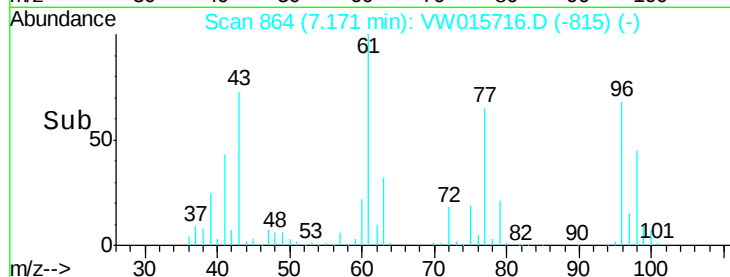
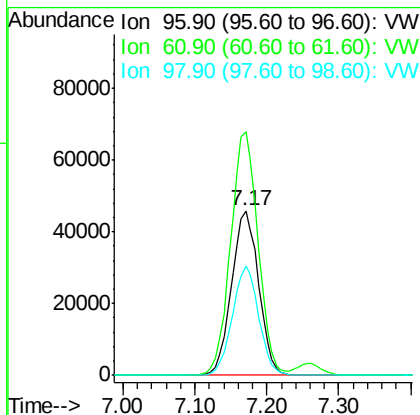
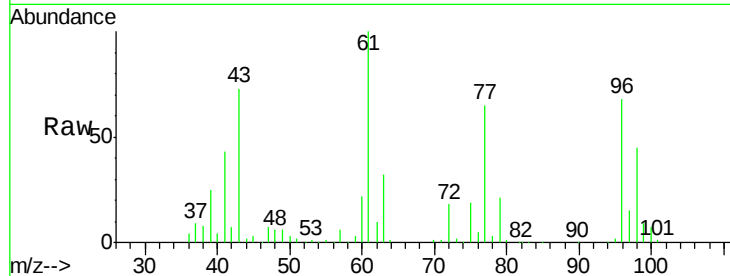
cis-1,2-Dichloroethene
Concen: 51.506 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	120023		
61	149.3	0.0	296.8	
98	64.2	0.0	128.0	

Manual Integrations
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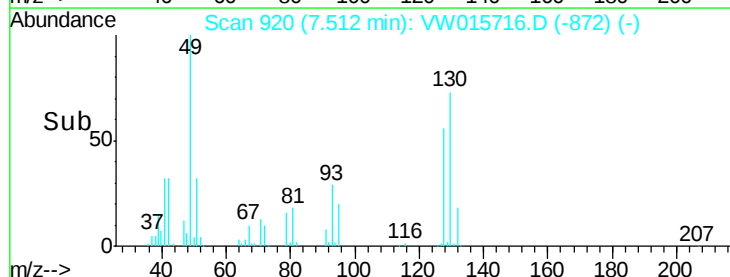
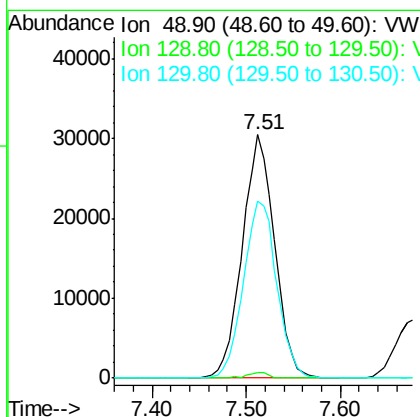
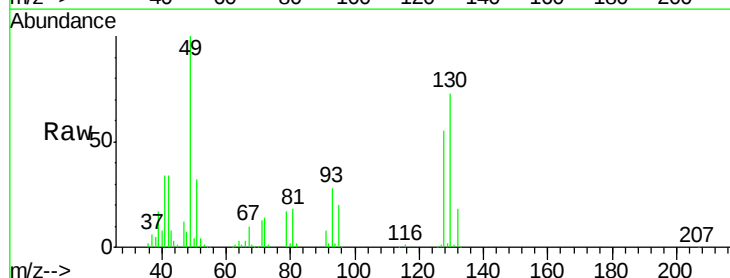
MMDadoda
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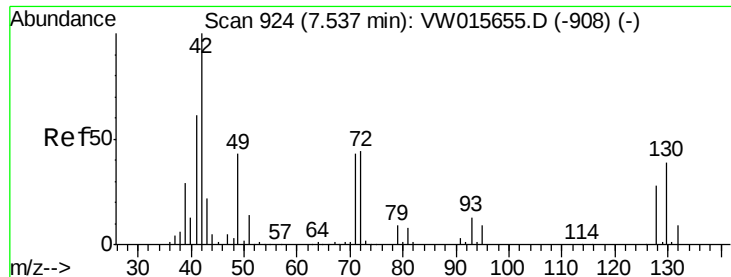


#28

Bromochloromethane
Concen: 49.534 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	73122		
129	1.6	0.0	2.2	
130	75.0	61.0	91.4	





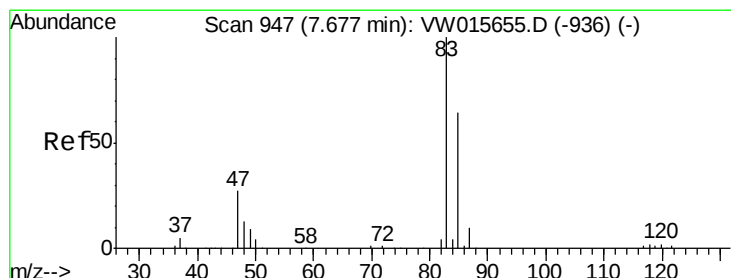
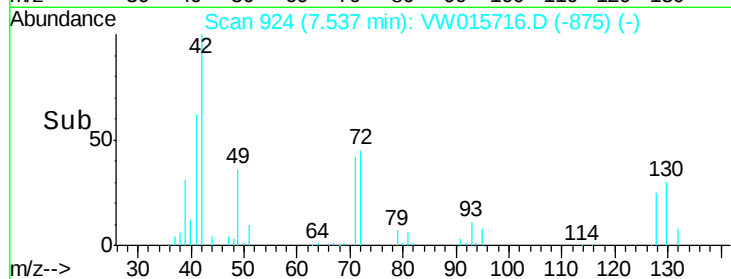
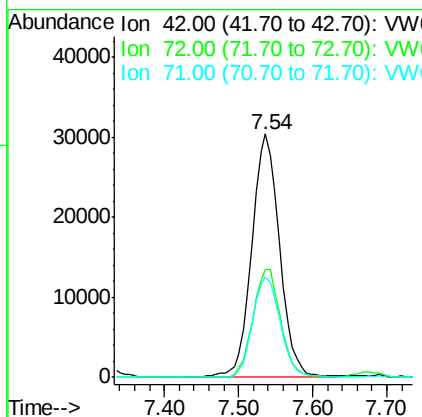
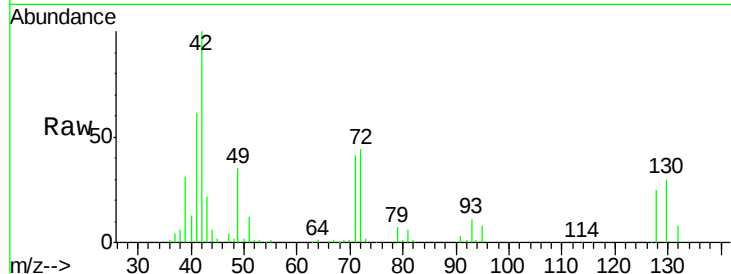
#29
Tetrahydrofuran
Concen: 245.739 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	35.0	52.6
71	41.1	32.6	49.0

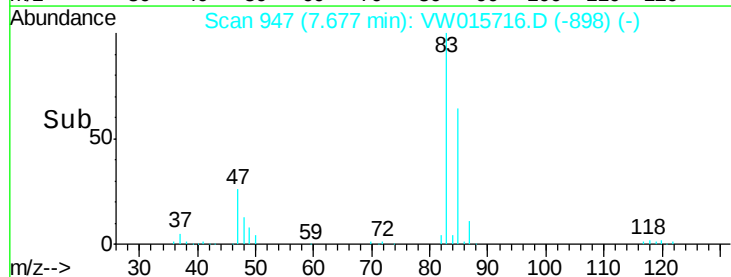
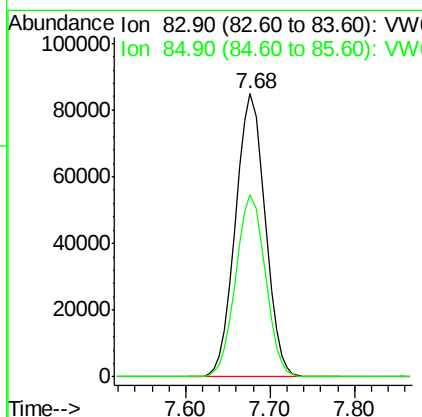
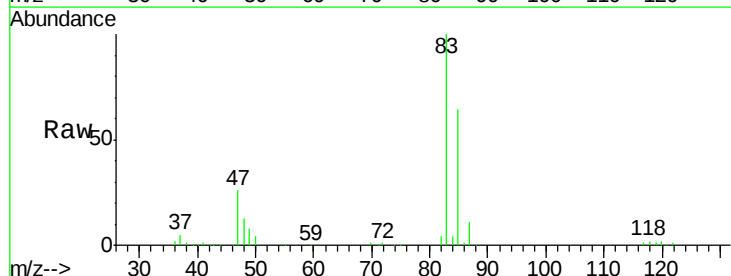
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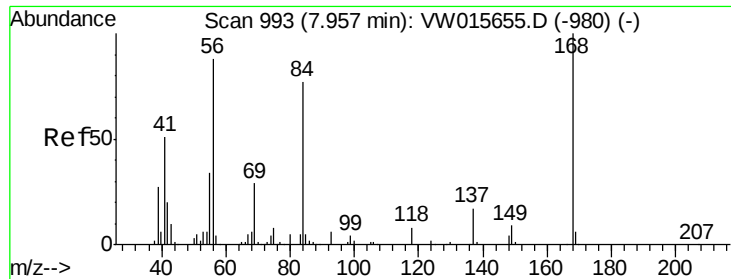
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#30
Chloroform
Concen: 51.287 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.0	76.4





#31

Cyclohexane

Concen: 50.342 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

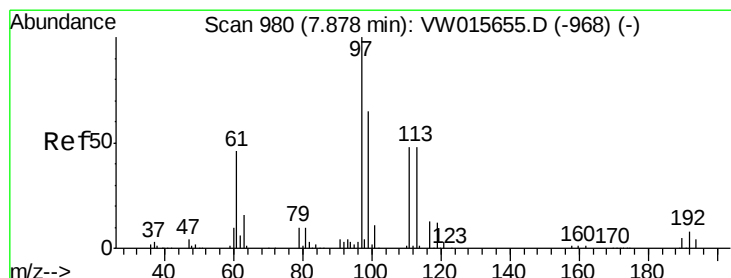
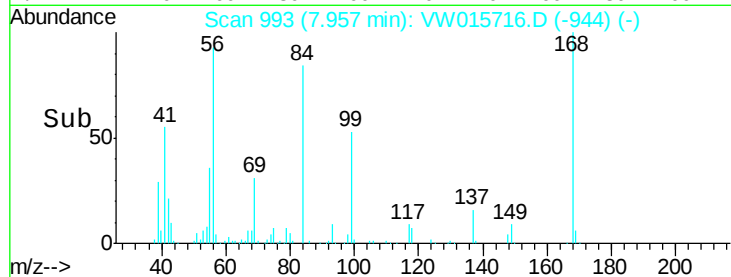
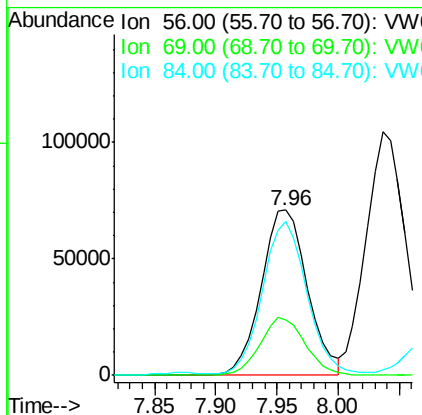
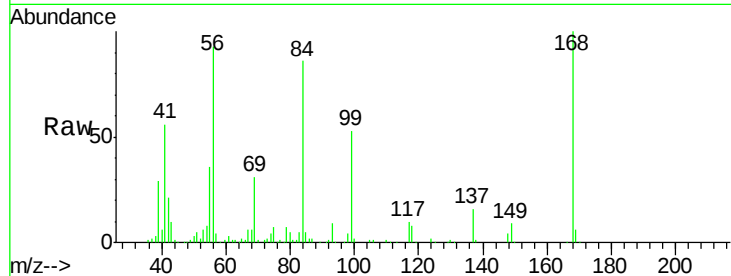
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	186884
Ion Ratio	Lower	Upper	
56	100		
69	33.7	26.2	39.4
84	91.6	70.4	105.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.821 ug/l

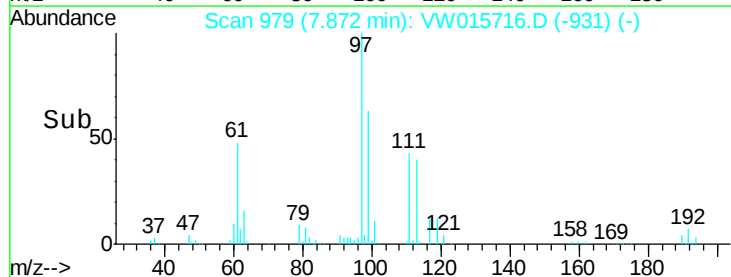
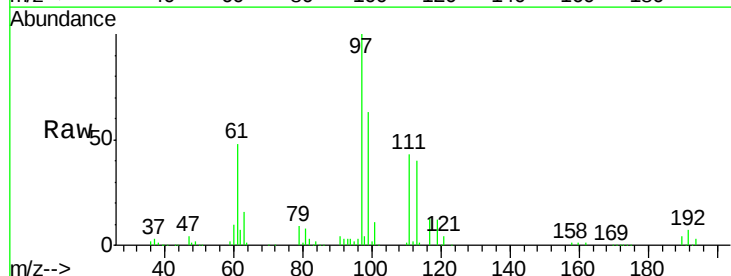
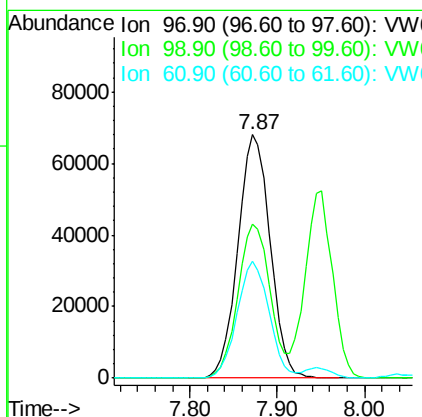
RT: 7.87 min Scan# 979

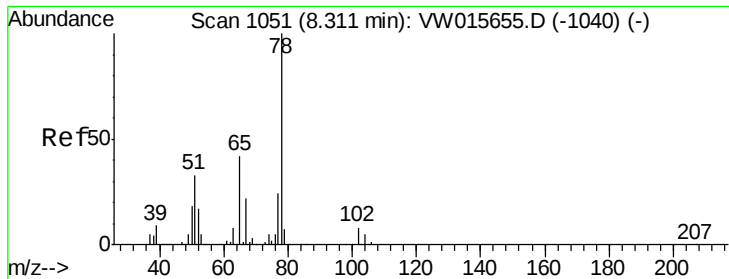
Delta R.T. -0.01 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Tgt Ion:	97	Resp:	173855
Ion Ratio	Lower	Upper	
97	100		
99	63.1	51.9	77.9
61	47.9	37.3	55.9





#33

1,2-Dichloroethane-d4

Concen: 47.979 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 103397

Ion Ratio Lower Upper

65 100

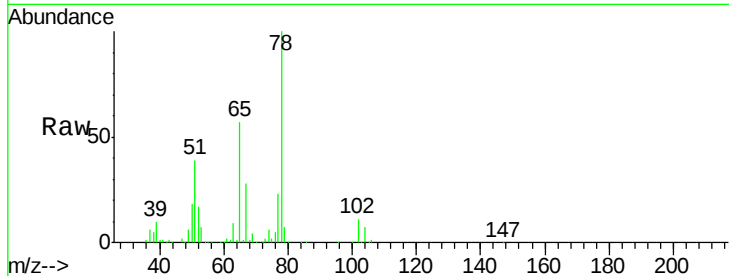
67 50.6 0.0 102.2

Manual Integrations

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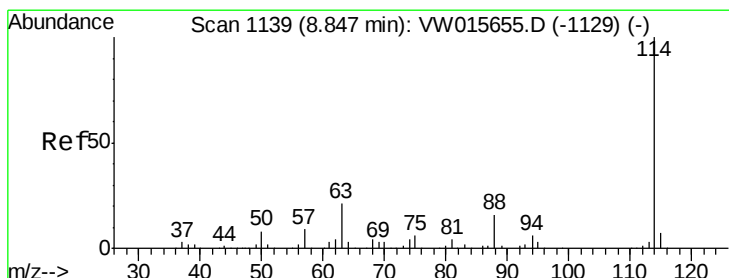
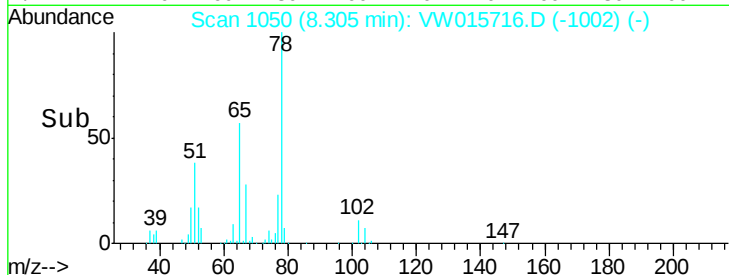
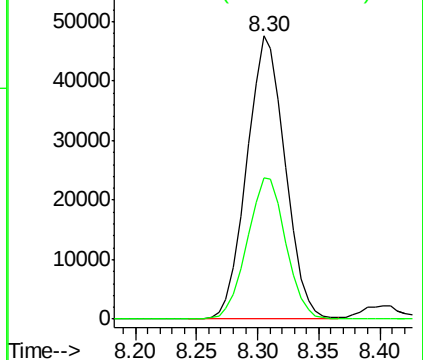
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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

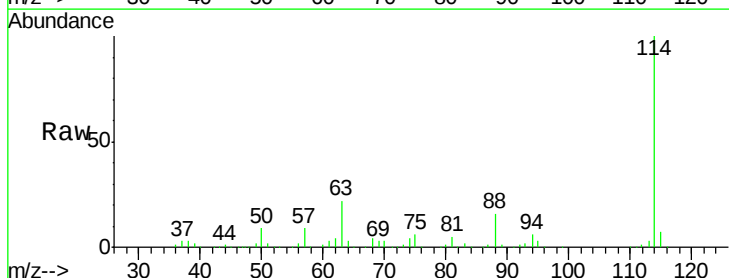
Tgt Ion: 114 Resp: 294571

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

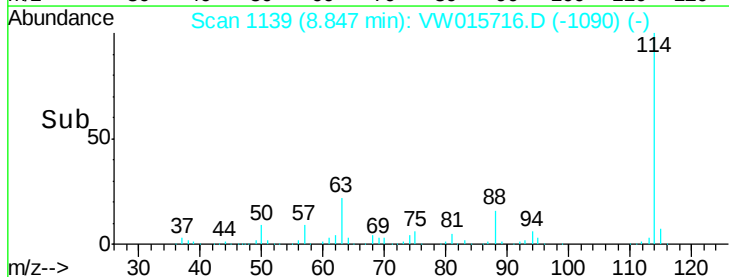
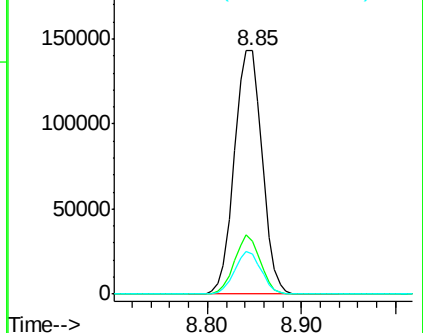
88 16.5 0.0 32.6

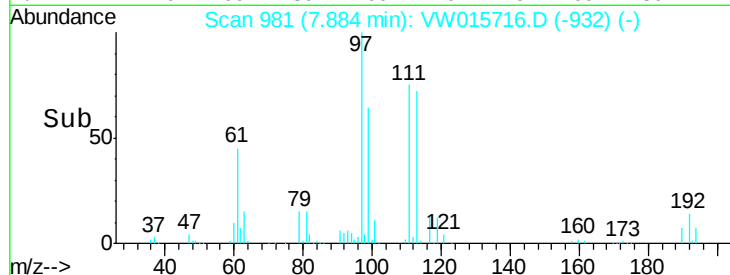
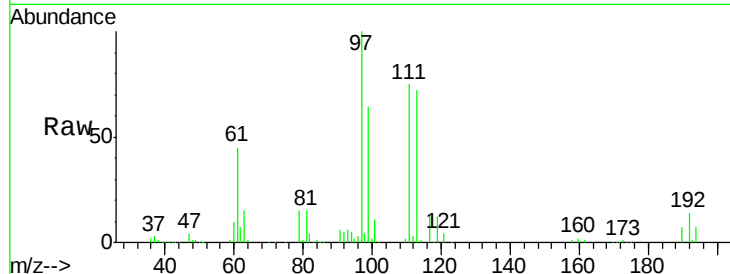
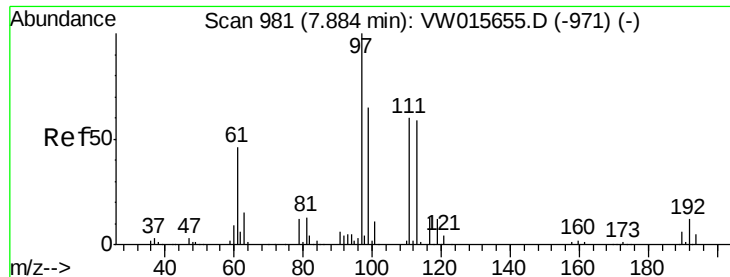


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





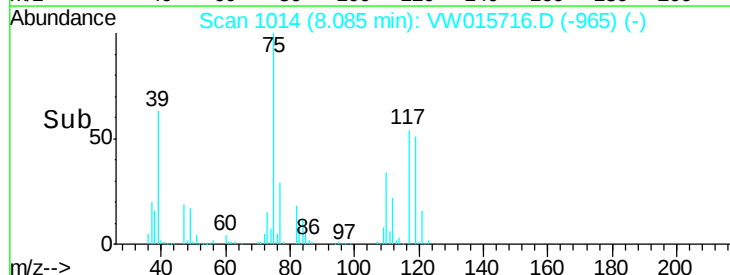
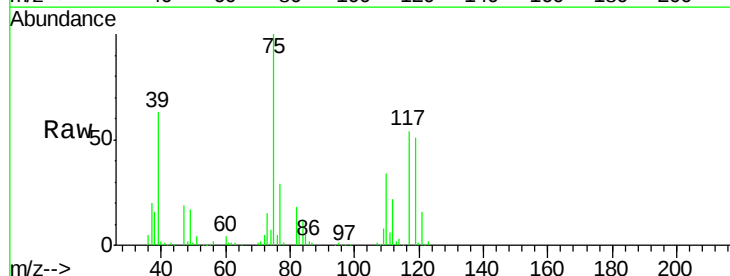
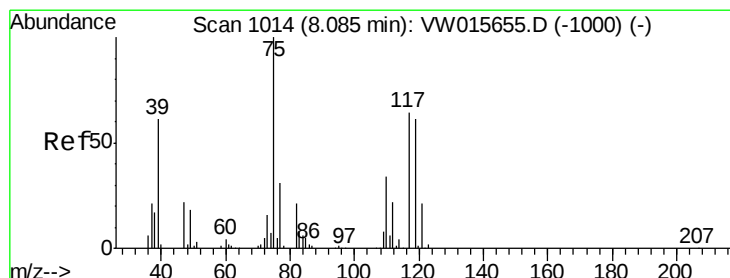
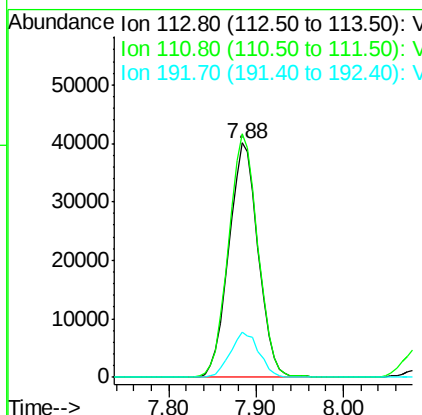
#35
Dibromofluoromethane
Concen: 50.475 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tot Ion	Ratio	Resp	Lower	Upper
113	100	93527		
111	103.8	82.3	123.5	
192	19.1	16.4	24.6	

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

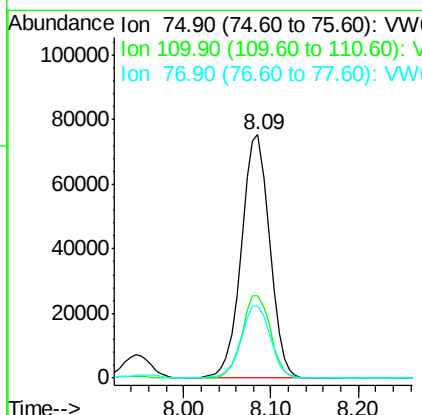
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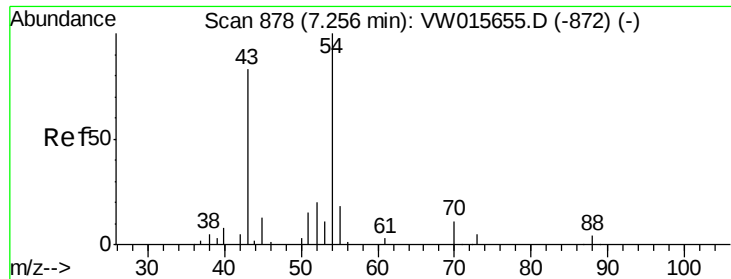
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#36
1,1-Dichloropropene
Concen: 55.178 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	169057		
110	34.1	17.0	51.0	
77	30.7	24.6	36.8	





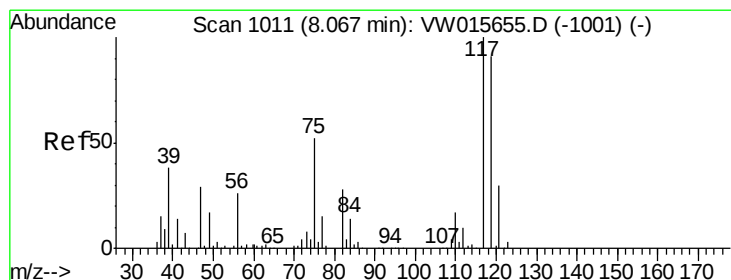
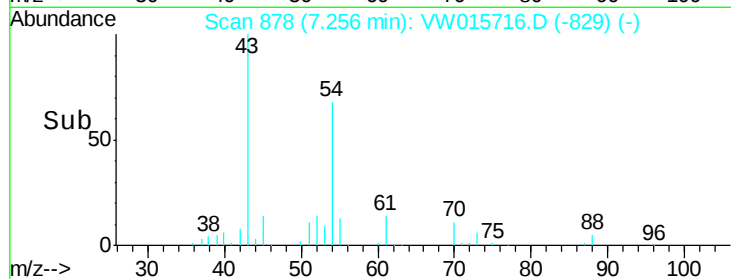
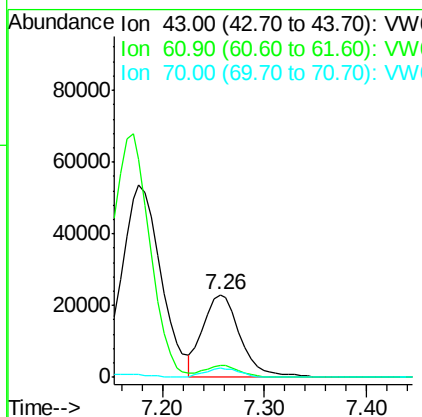
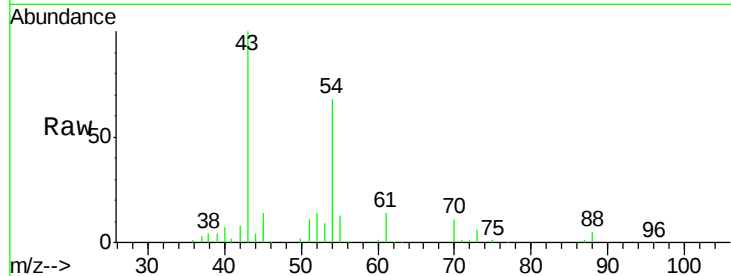
#37
Ethyl Acetate
Concen: 49.754 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.4	15.6
70	10.8	8.4	12.6

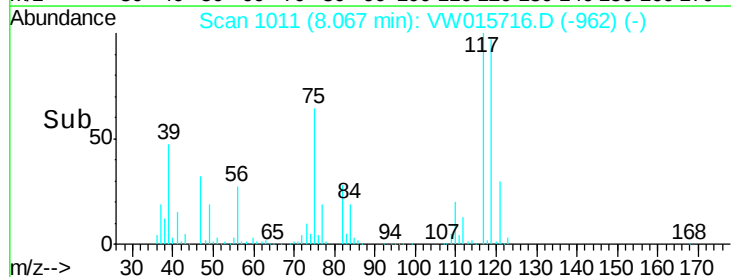
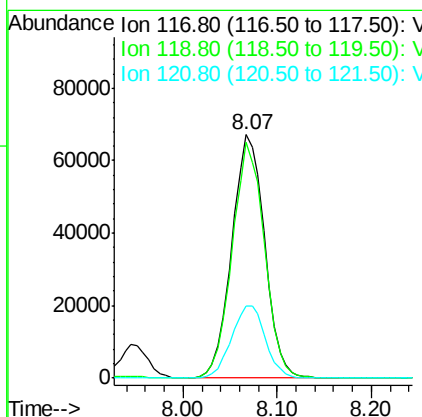
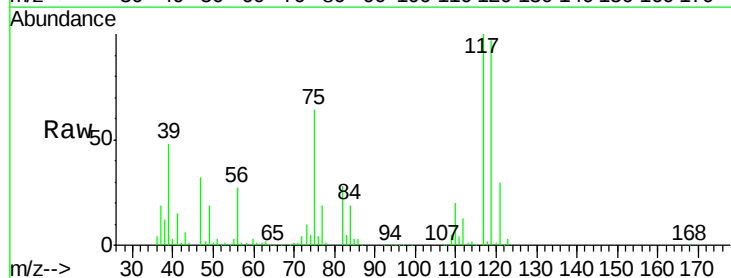
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#38
Carbon Tetrachloride
Concen: 54.865 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	73.2	109.8
121	29.7	23.9	35.9





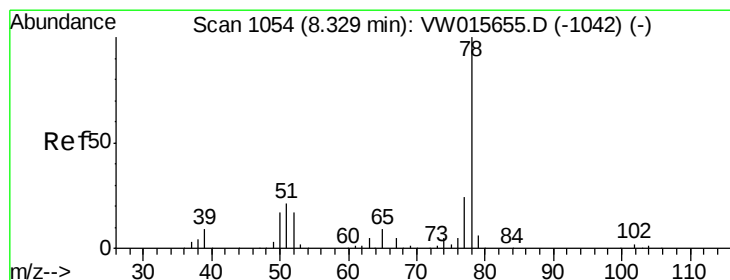
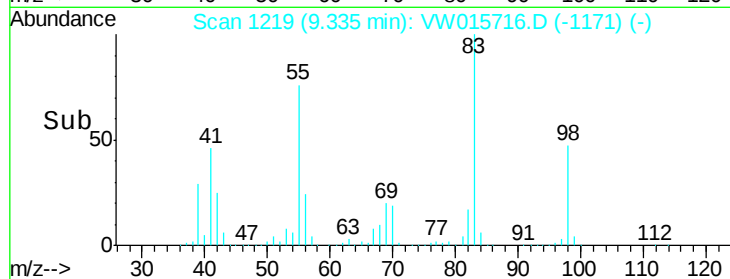
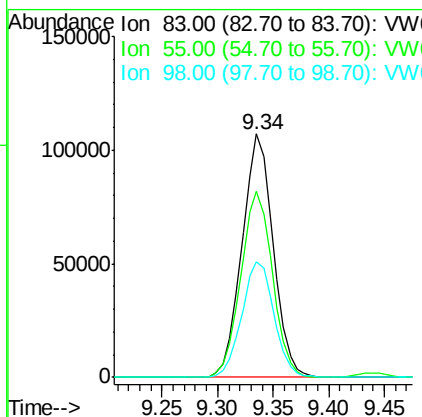
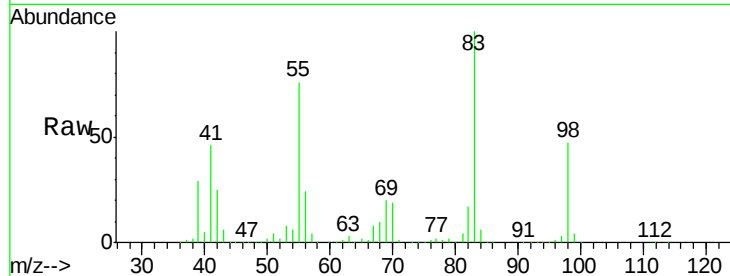
#39
Methvlcvclohexane
Concen: 56.295 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	208909		
55	76.4		62.8	94.2
98	47.4		39.9	59.9

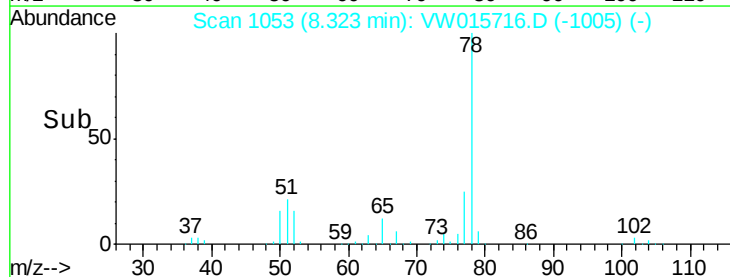
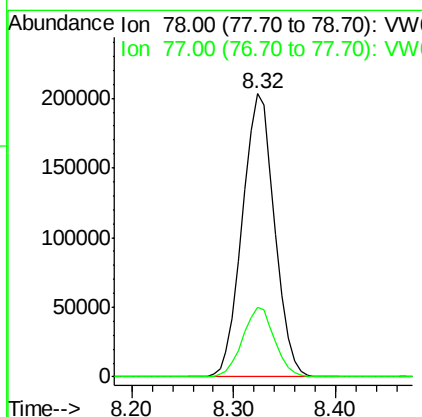
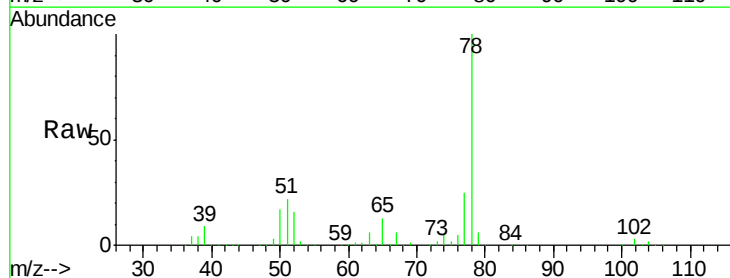
Manual Integrations
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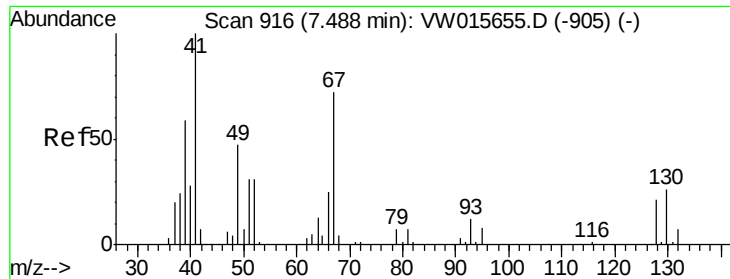
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#40
Benzene
Concen: 53.681 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	447206		
77	24.7		19.3	28.9





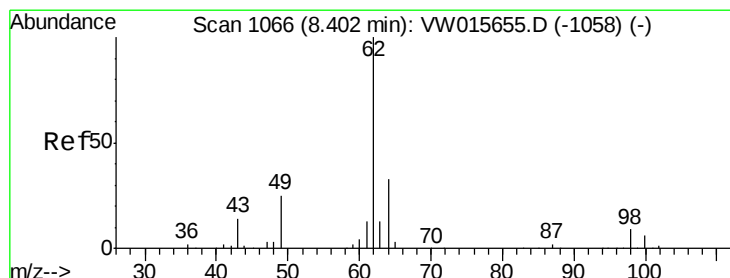
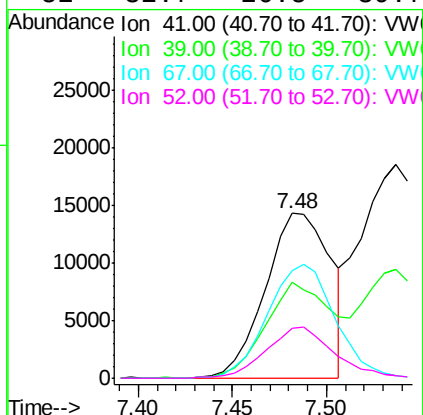
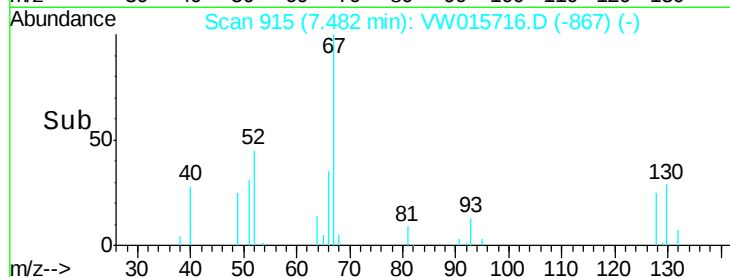
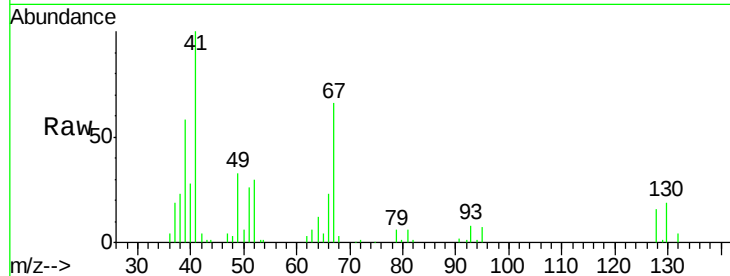
#41
Methacrylonitrile
Concen: 51.394 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	62.6	52.0	78.0	
67	71.8	57.5	86.3	
52	32.7	26.5	39.7	

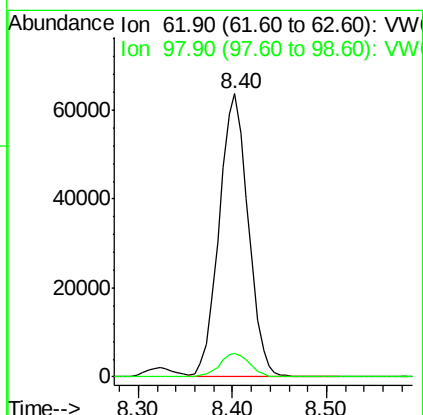
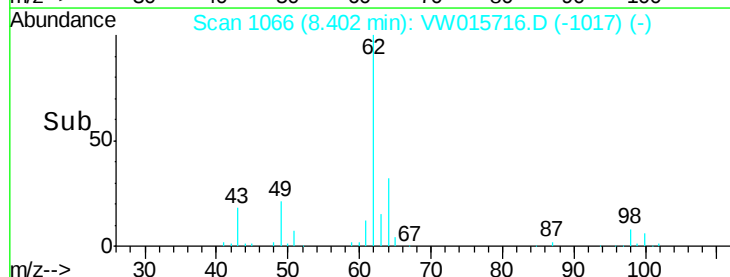
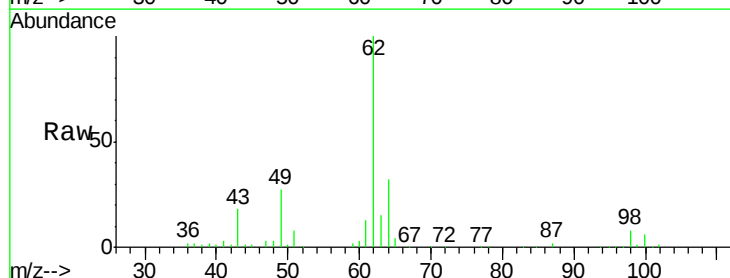
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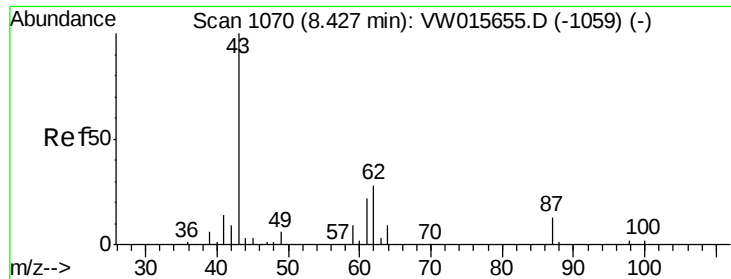
MMDadoda
6/26/2020 11:21:16 AM



#42
1,2-Dichloroethane
Concen: 52.745 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	17.4	





#43

Isopropyl Acetate

Concen: 51.419 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

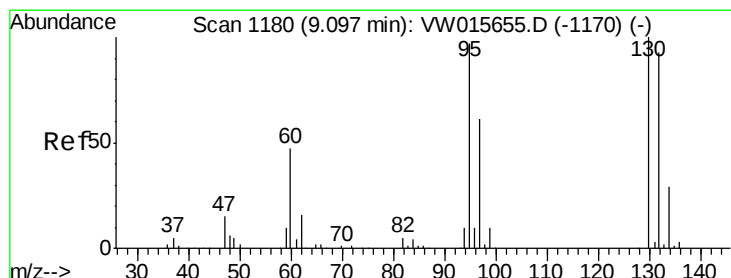
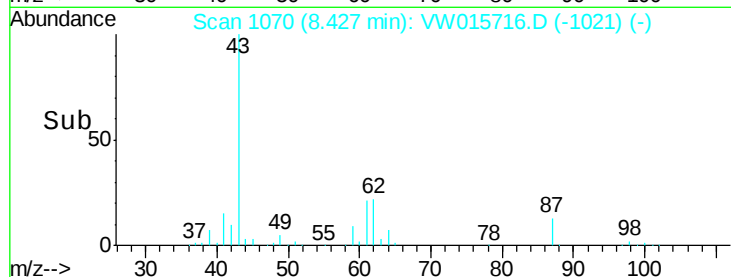
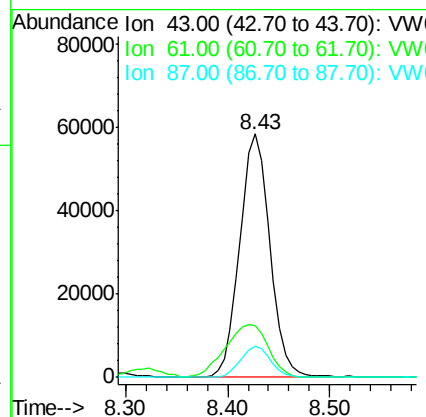
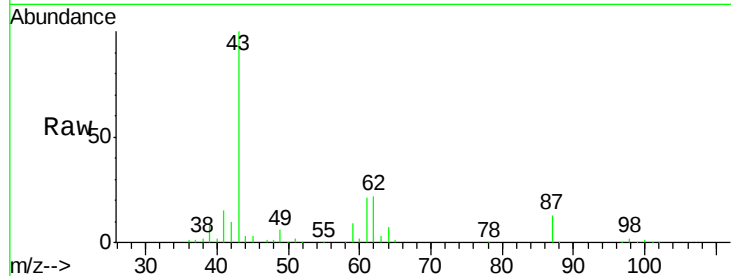
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	120039
Ion	Ratio	Lower	Upper
43	100		
61	31.1	24.7	37.1
87	12.7	10.2	15.2

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#44

Trichloroethene

Concen: 53.365 ug/l

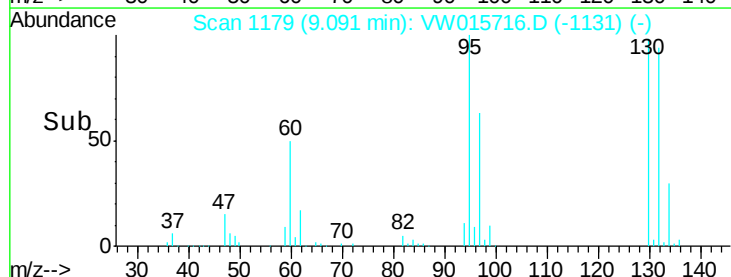
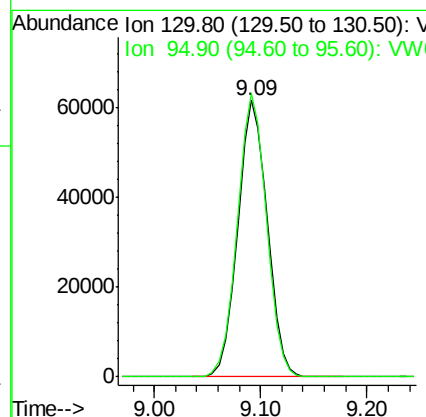
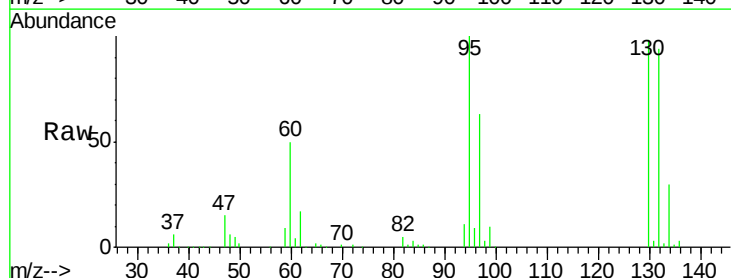
RT: 9.09 min Scan# 1179

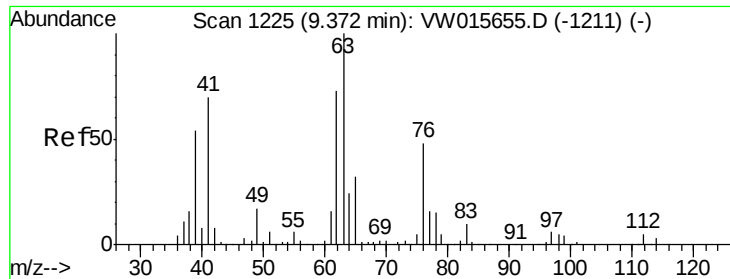
Delta R.T. -0.01 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Tgt Ion:	130	Resp:	119829
Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	194.4





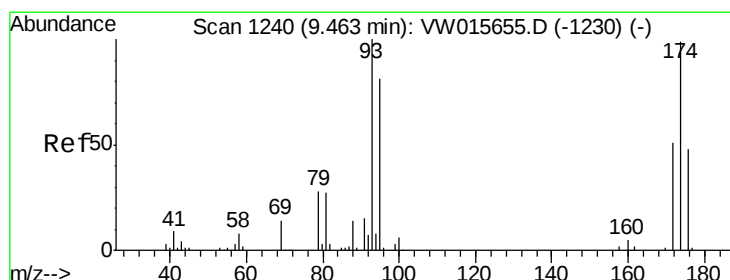
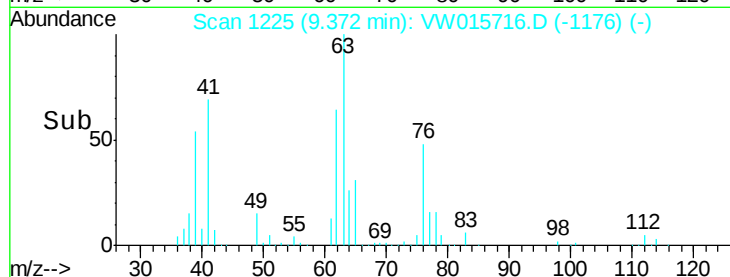
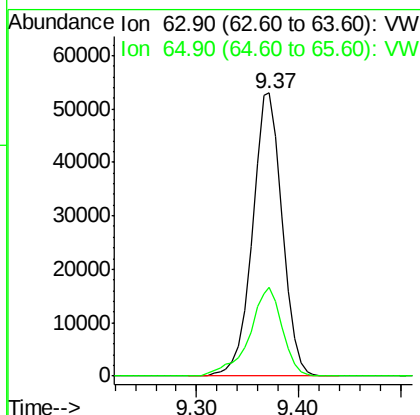
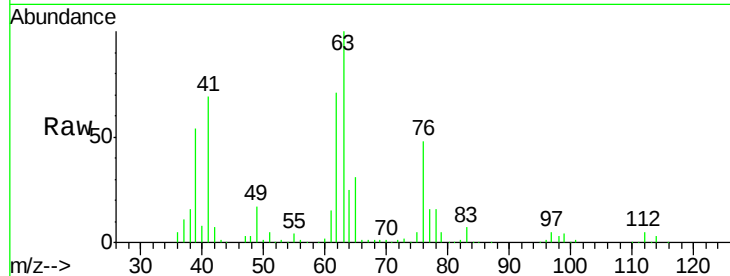
#45
 1,2-Dichloropropane
 Concen: 52.827 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 107571
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.3 37.9

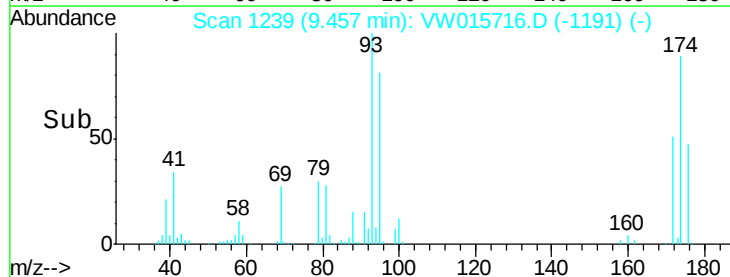
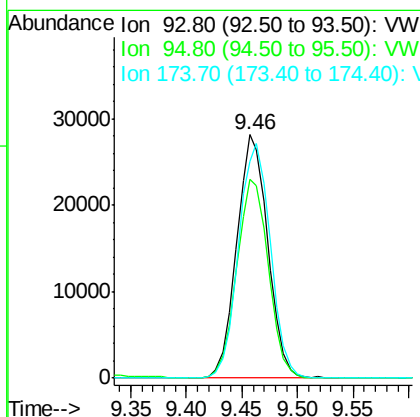
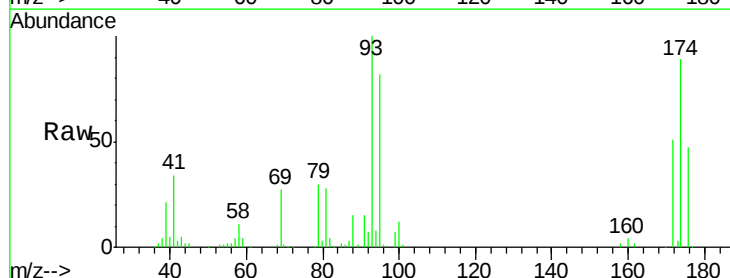
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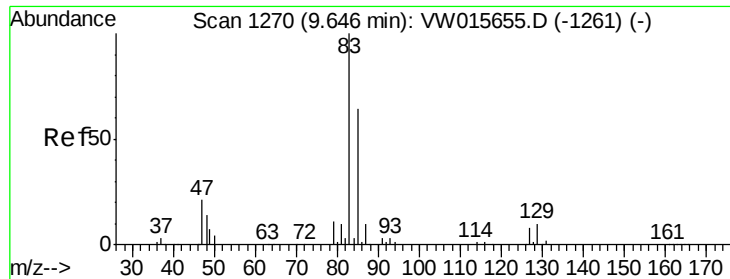
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#46
 Dibromomethane
 Concen: 51.545 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Tgt Ion: 93 Resp: 54307
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.7 98.5
 174 98.8 79.0 118.6





#47

Bromodichloromethane

Concen: 52.837 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

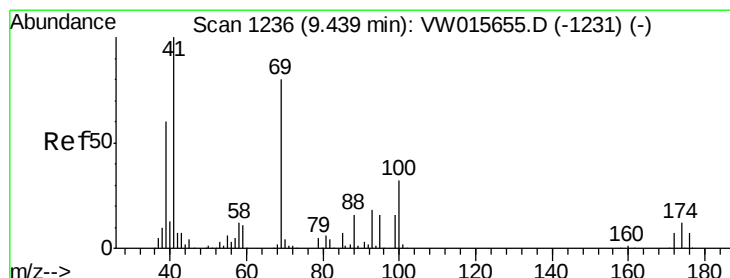
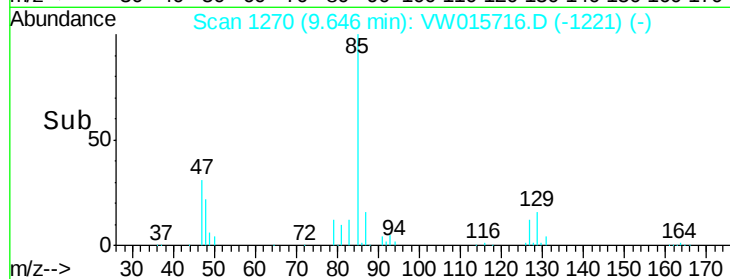
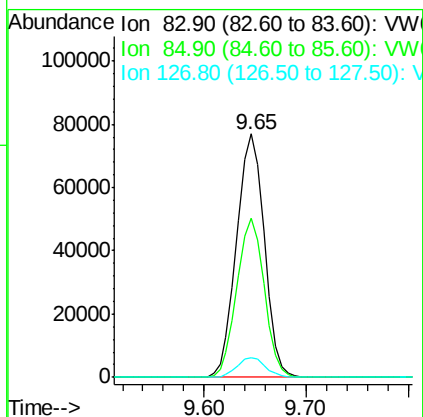
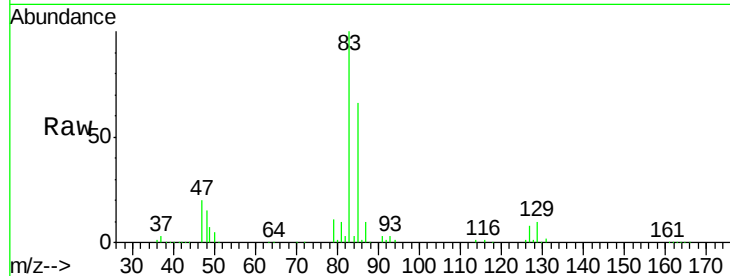
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	145207
Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.8	76.2
127	8.1	6.3	9.5

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#48

Methyl methacrylate

Concen: 52.679 ug/l

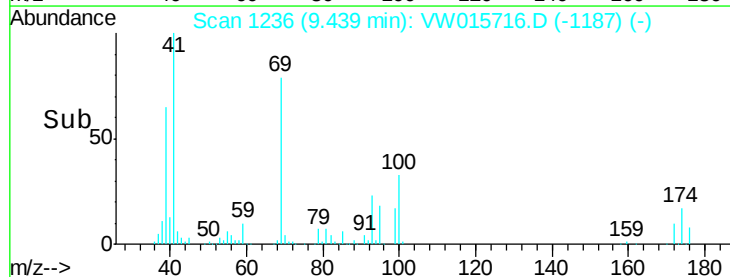
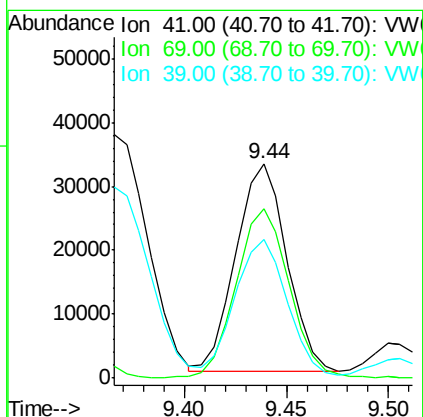
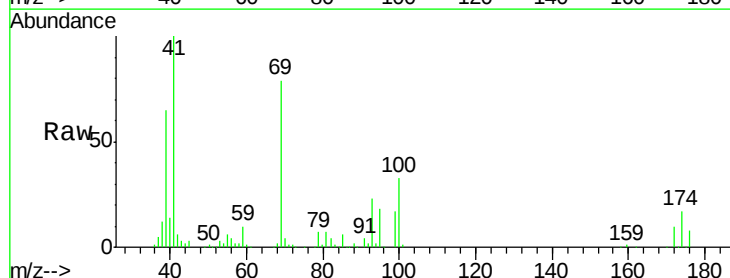
RT: 9.44 min Scan# 1236

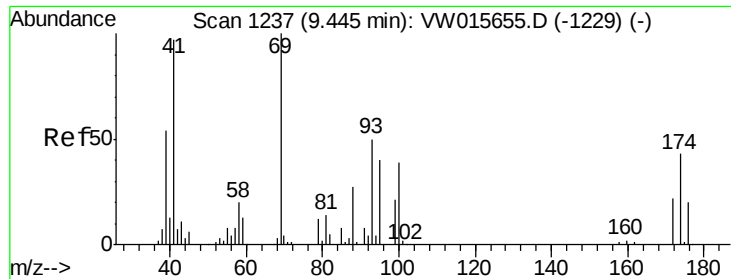
Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Tgt Ion:	41	Resp:	56225
Ion	Ratio	Lower	Upper
41	100		
69	85.9	68.2	102.2
39	65.6	49.8	74.6





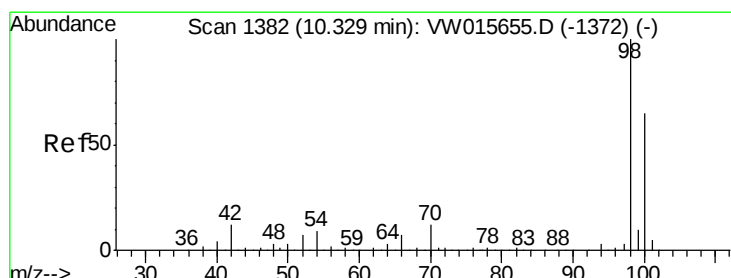
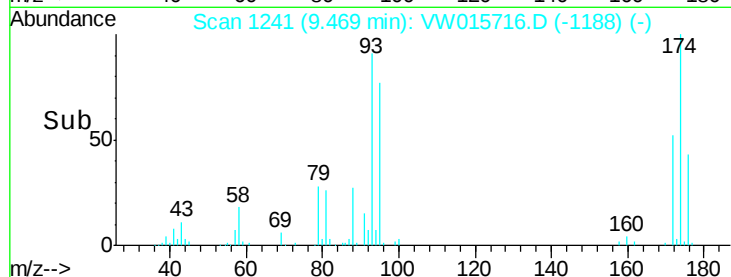
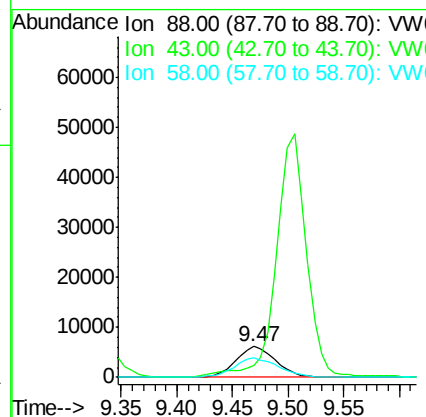
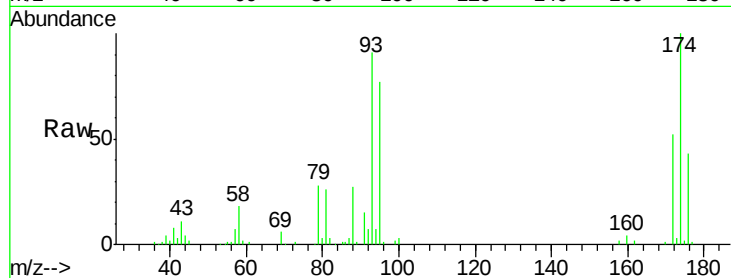
#49
1,4-Dioxane
Concen: 1097.884 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.02 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.1	45.1#
58	72.4	56.1	84.1

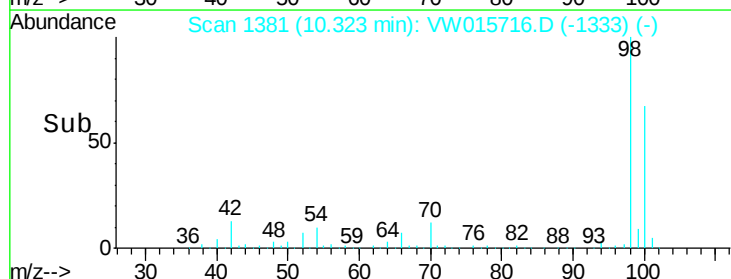
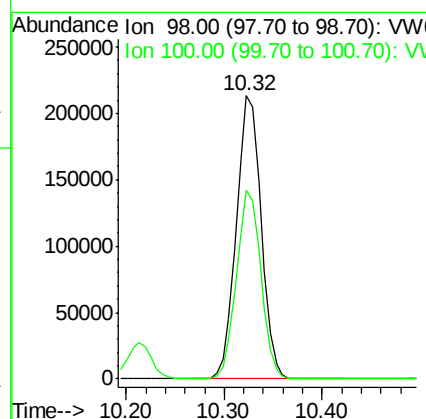
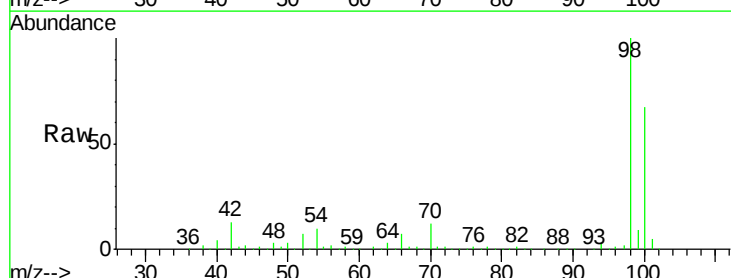
Manual Integrations
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#50
Toluene-d8
Concen: 51.449 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 260.679 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 293478

Ion Ratio Lower Upper

43 100

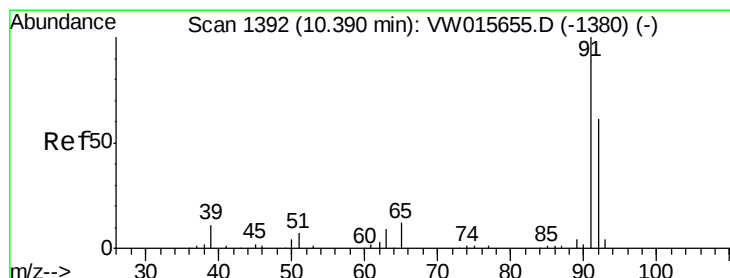
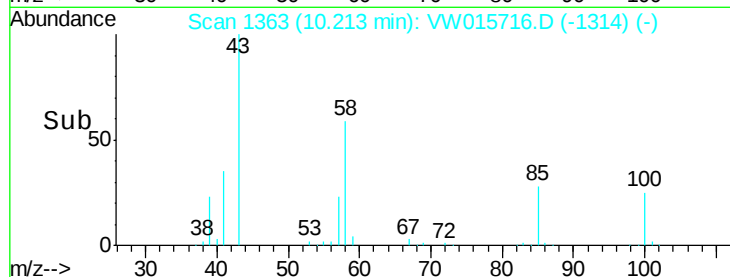
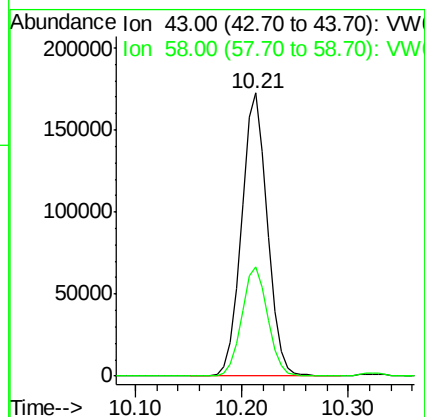
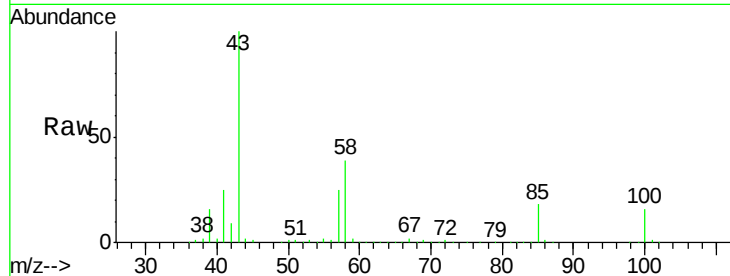
58 39.0 31.2 46.8

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#52

Toluene

Concen: 54.939 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015716.D

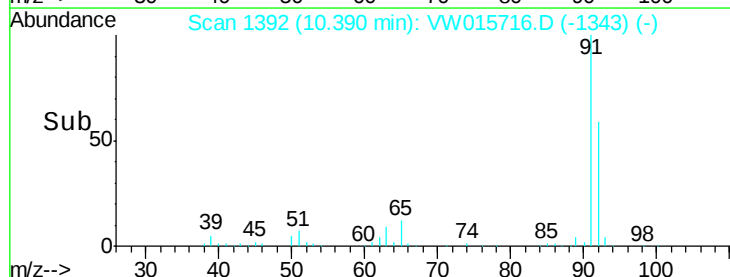
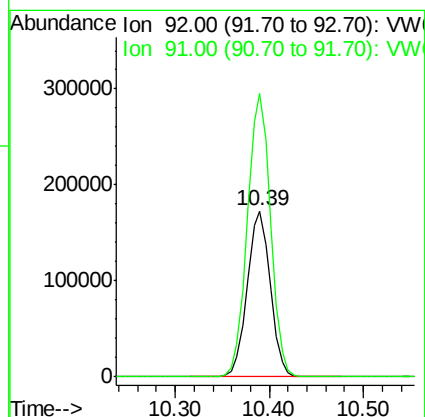
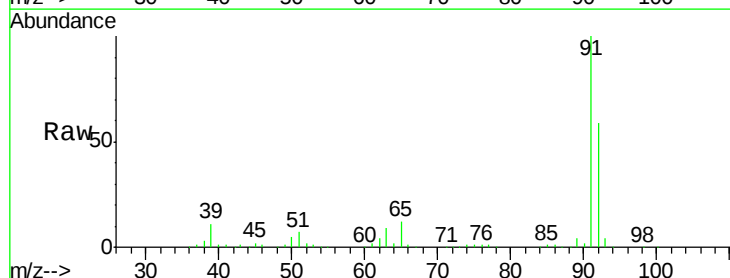
Acq: 25 Jun 2020 09:29

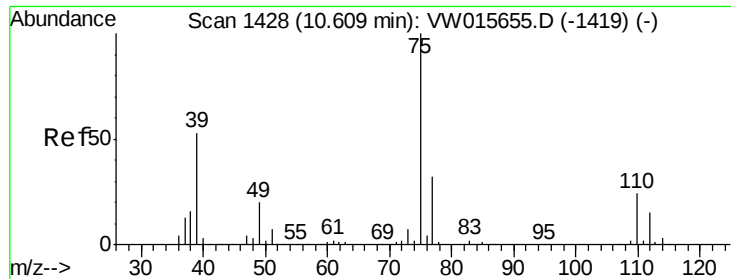
Tgt Ion: 92 Resp: 295531

Ion Ratio Lower Upper

92 100

91 171.8 135.5 203.3





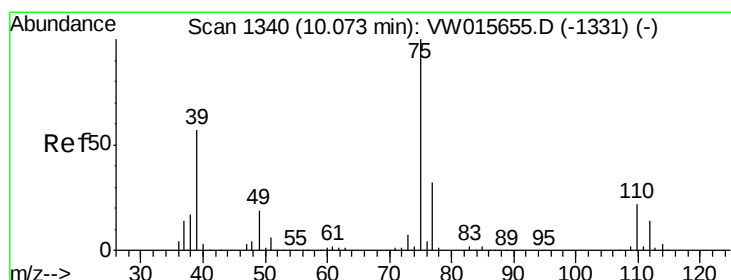
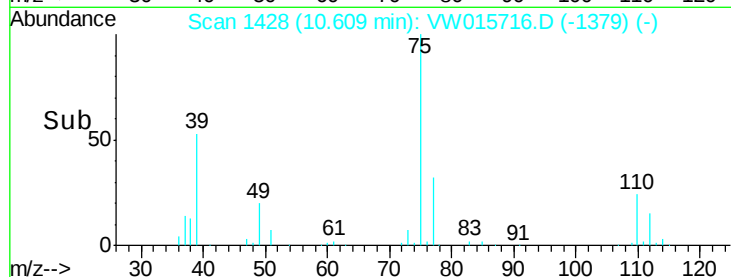
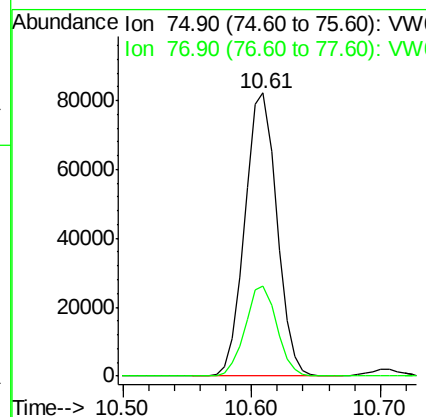
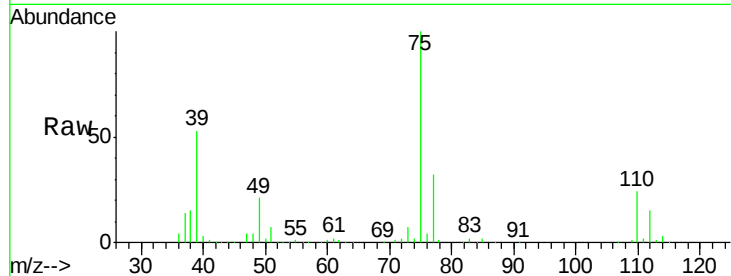
#53
t-1,3-Dichloropropene
Concen: 53.052 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 140850
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9

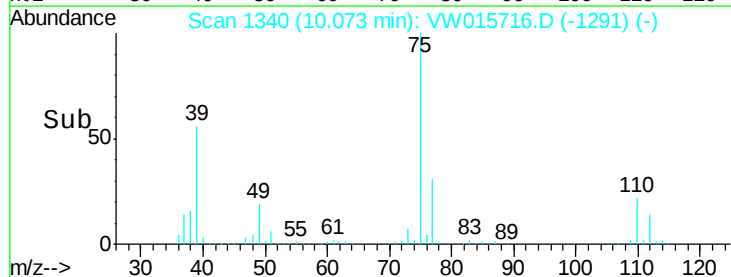
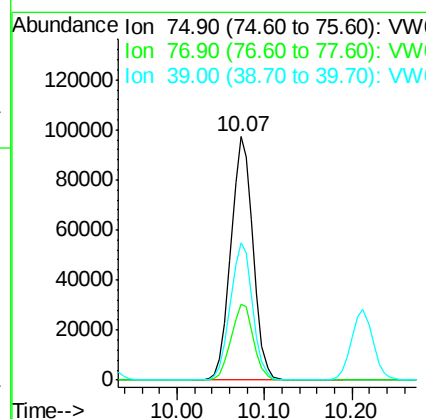
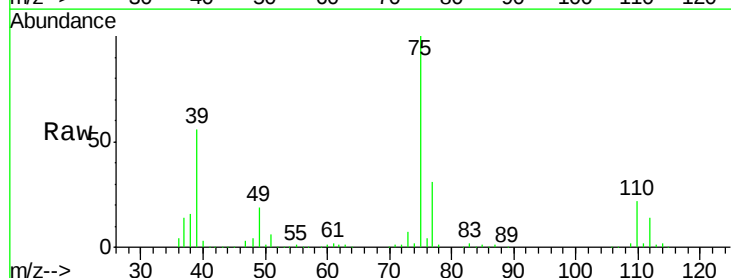
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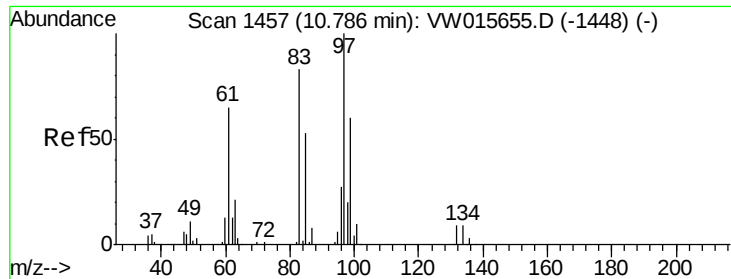
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#54
cis-1,3-Dichloropropene
Concen: 53.802 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion: 75 Resp: 170642
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2
39 56.2 45.8 68.6





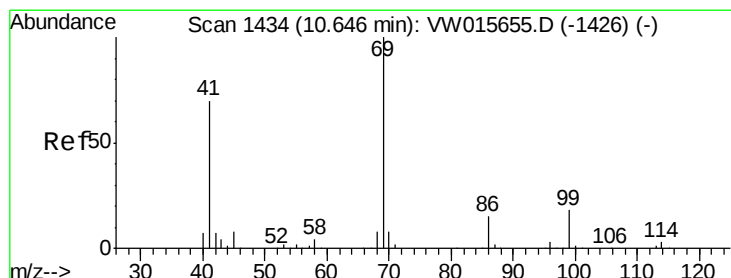
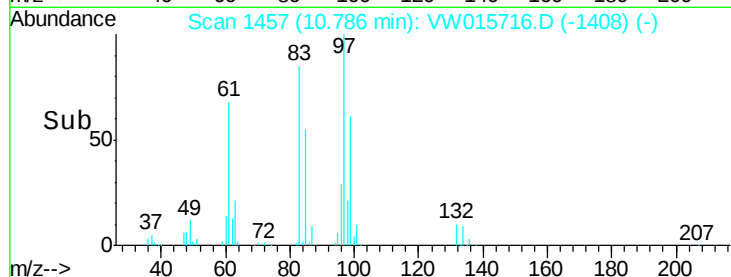
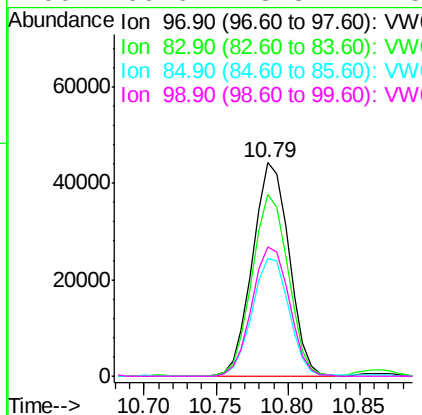
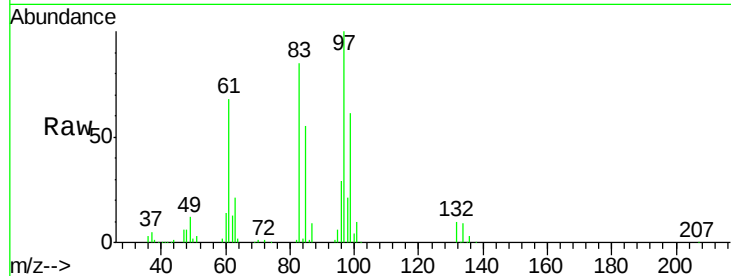
#55
1,1,2-Trichloroethane
Concen: 52.950 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	97	Resp:	77565
Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.3	99.5
85	55.3	42.5	63.7
99	60.6	48.3	72.5

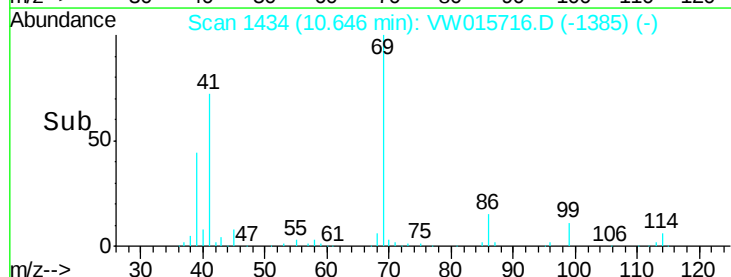
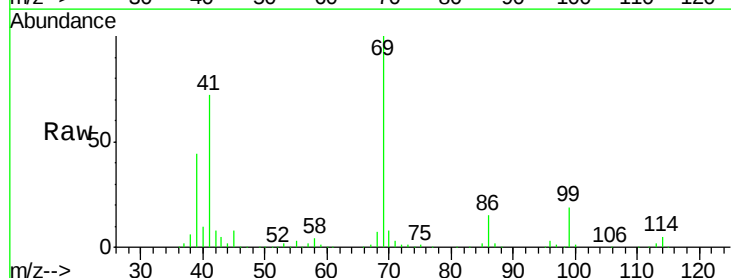
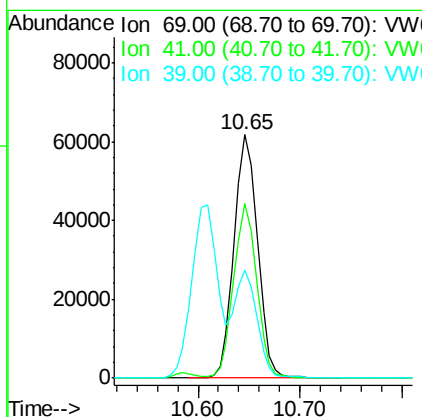
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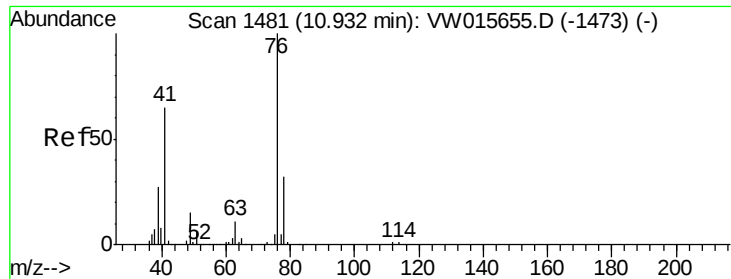
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#56
Ethyl methacrylate
Concen: 54.122 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion:	69	Resp:	98646
Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.8	83.6
39	42.8	29.5	44.3





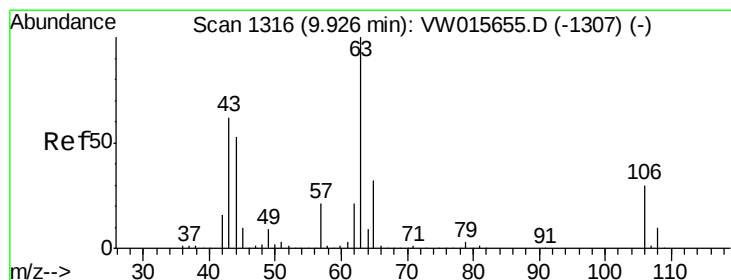
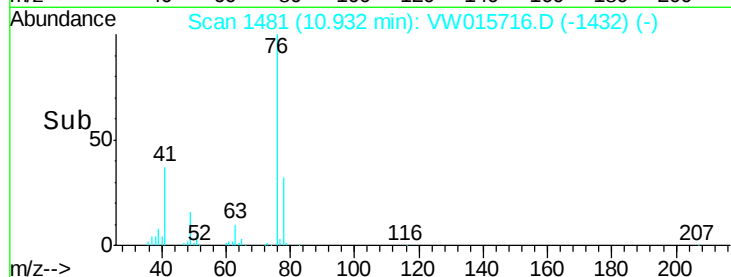
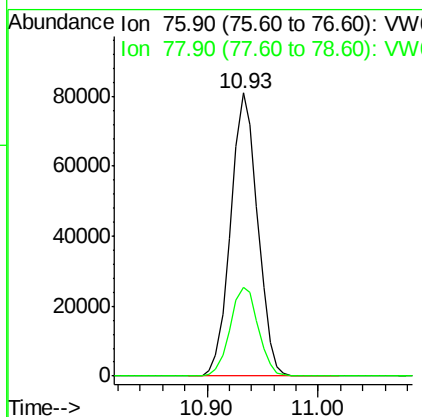
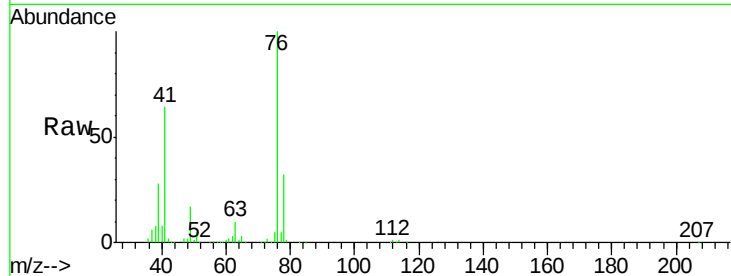
#57
 1,3-Dichloropropane
 Concen: 52.388 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 136050
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2

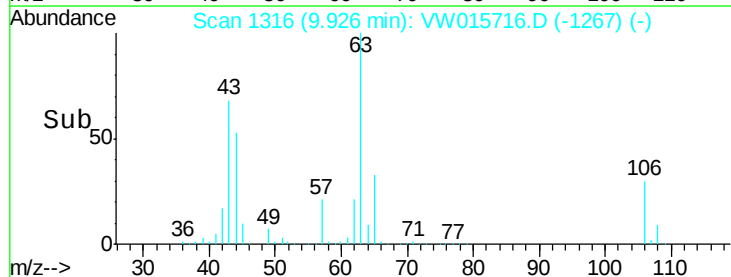
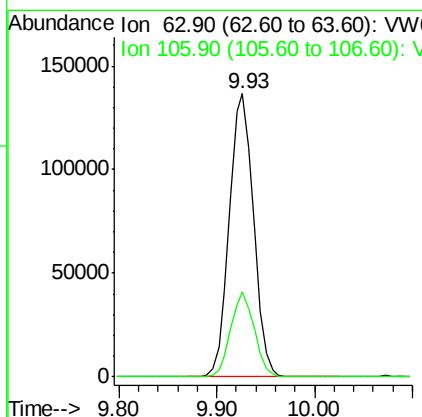
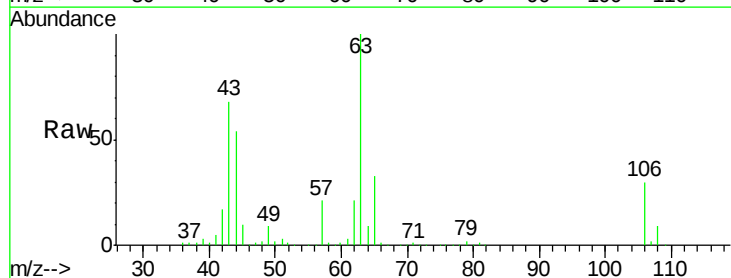
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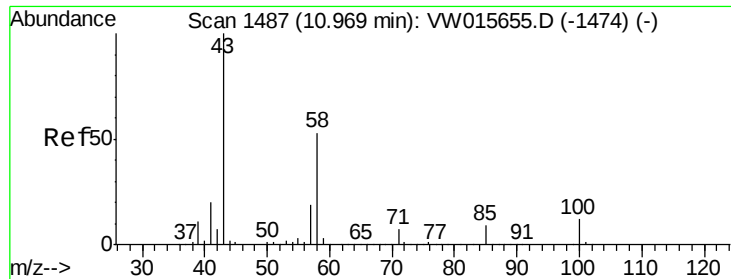
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 6/26/2020 11:21:16 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 272.328 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Tgt Ion: 63 Resp: 234889
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.3 34.9





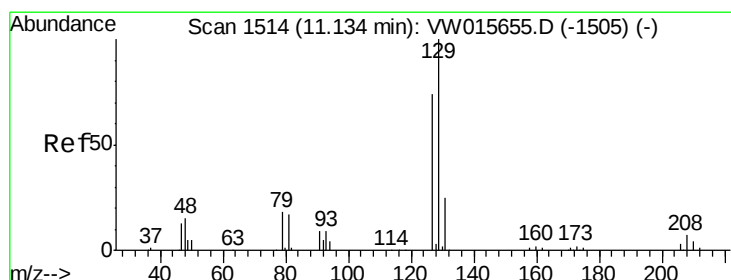
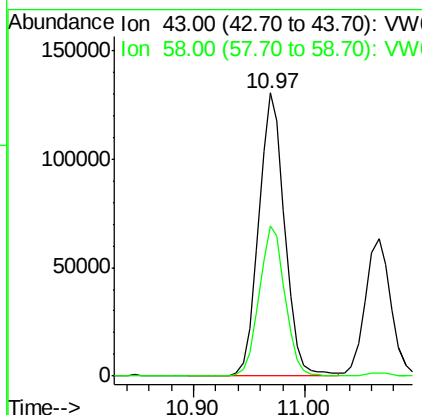
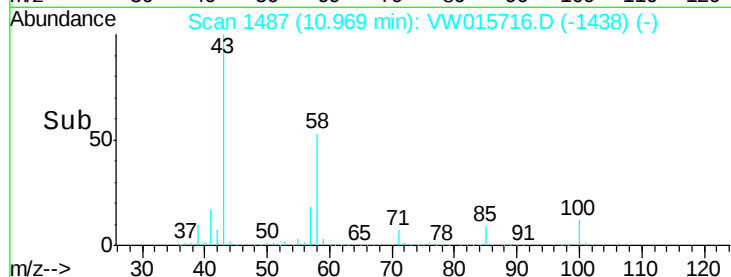
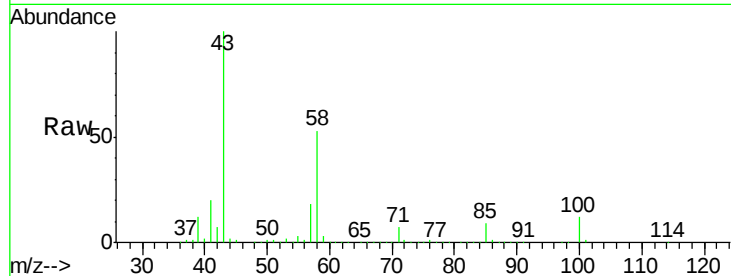
#59
2-Hexanone
Concen: 276.257 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 211737
Ion Ratio Lower Upper
43 100
58 52.8 26.5 79.4

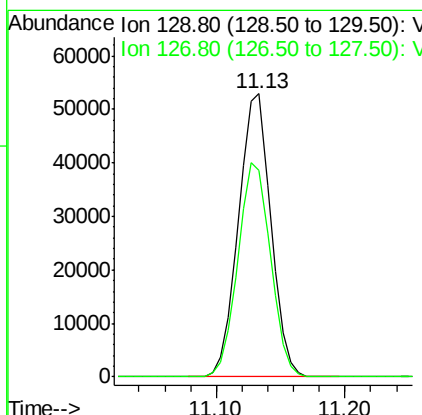
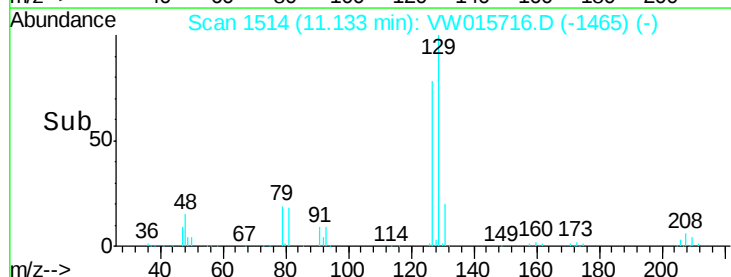
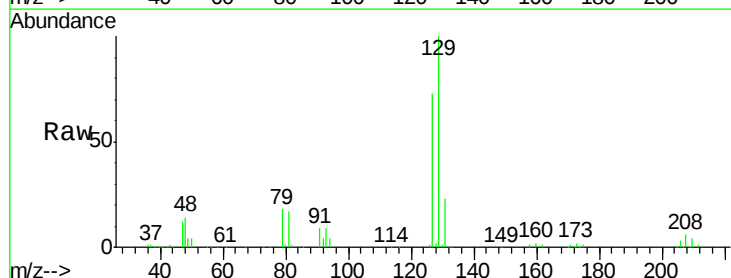
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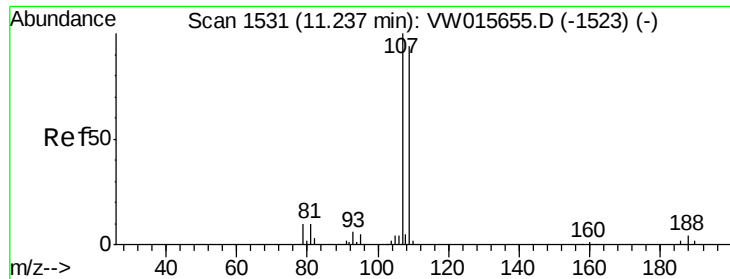
MMDadoda
6/26/2020 11:21:16 AM



#60
Dibromochloromethane
Concen: 53.873 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion: 129 Resp: 91963
Ion Ratio Lower Upper
129 100
127 76.4 38.0 114.1





#61

1,2-Dibromoethane

Concen: 52.345 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 73294

Ion Ratio Lower Upper

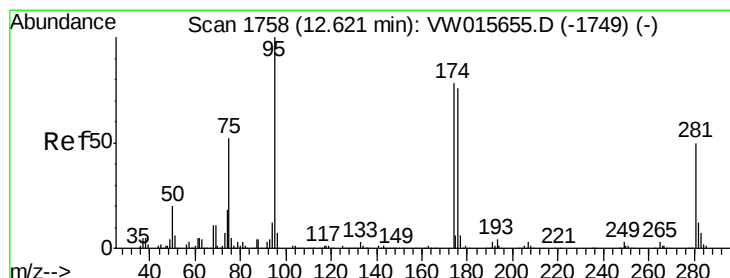
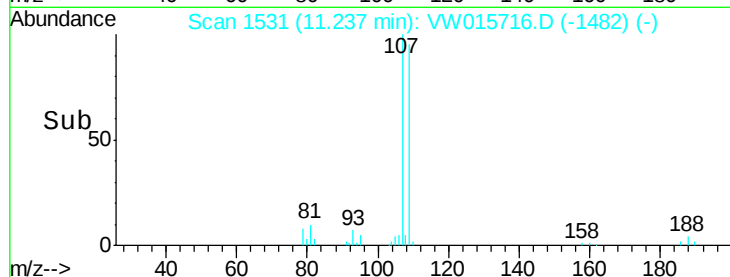
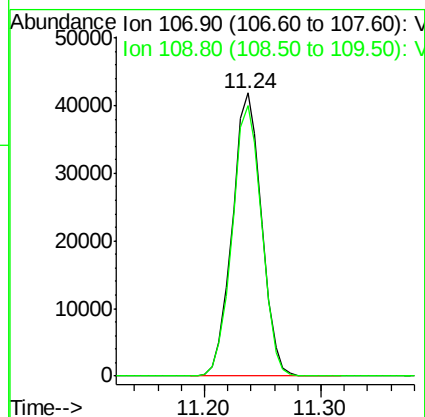
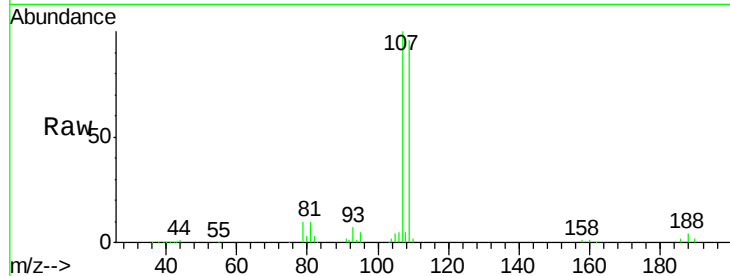
107 100

109 95.8 74.9 112.3

Manual Integrations
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MMDadoda

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#62

4-Bromofluorobenzene

Concen: 52.603 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

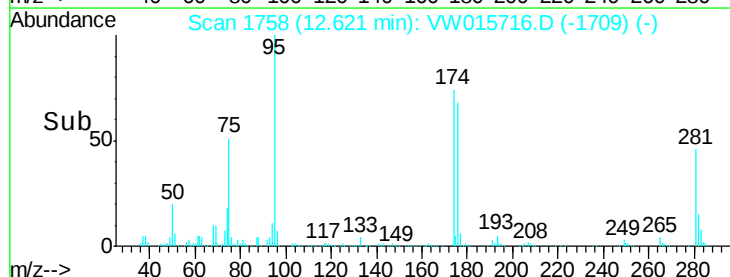
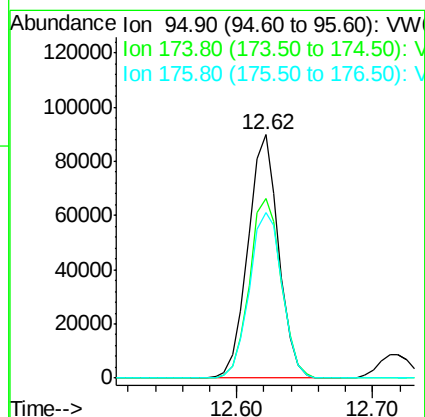
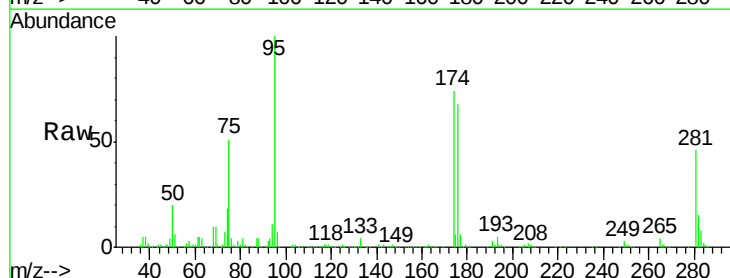
Tgt Ion: 95 Resp: 141263

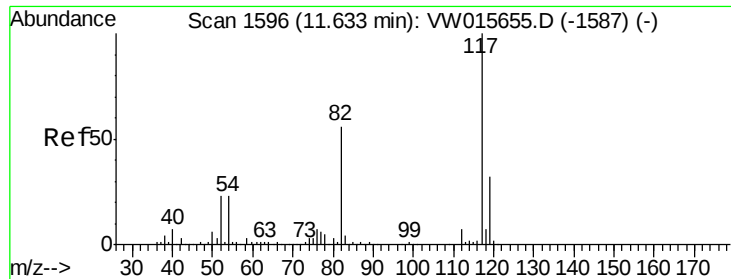
Ion Ratio Lower Upper

95 100

174 76.8 0.0 157.0

176 73.0 0.0 151.4





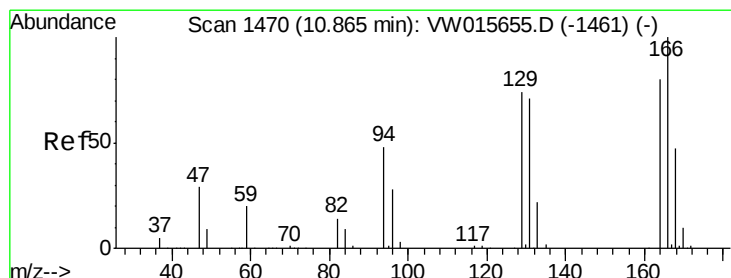
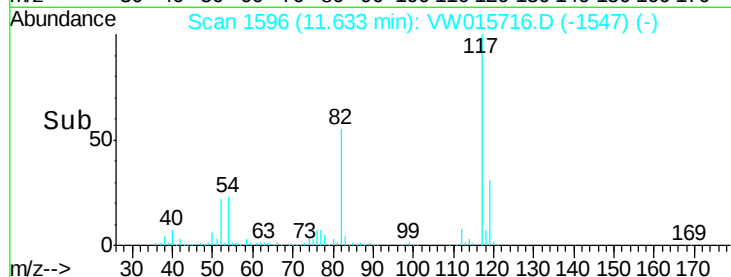
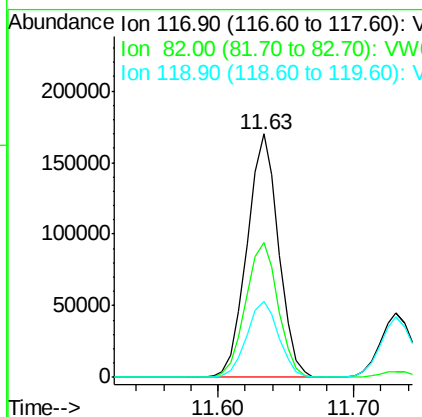
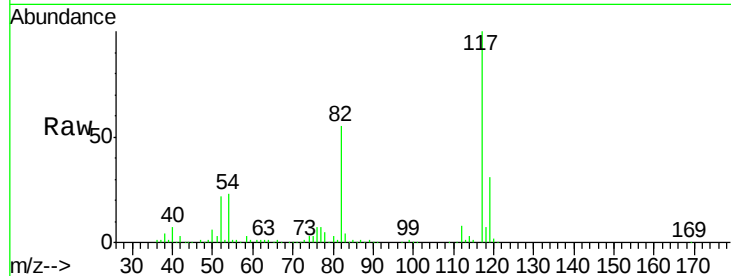
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.1	67.7
119	31.0	25.8	38.8

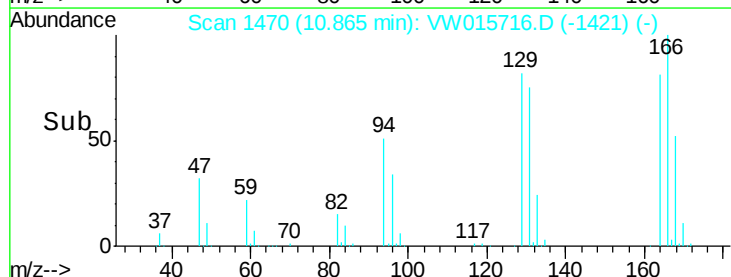
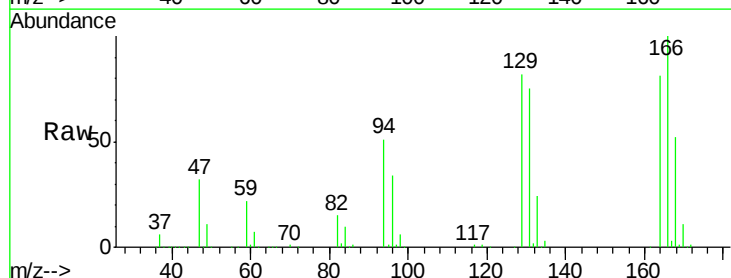
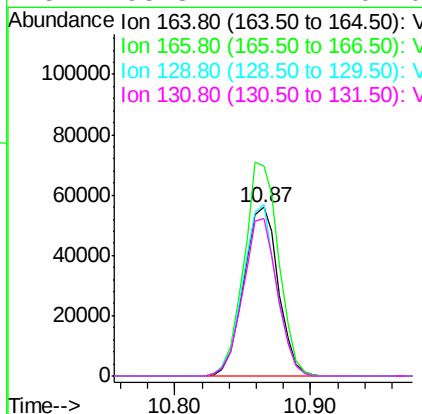
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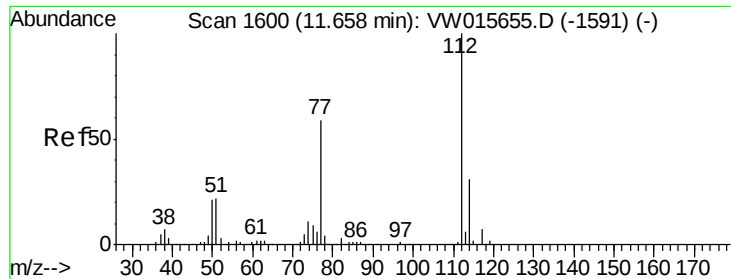
MMDadoda
6/26/2020 11:21:16 AM



#64
Tetrachloroethene
Concen: 51.498 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.2	99.9	149.9
129	101.5	74.2	111.2
131	93.3	71.4	107.0





#65

Chlorobenzene

Concen: 52.699 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 306348

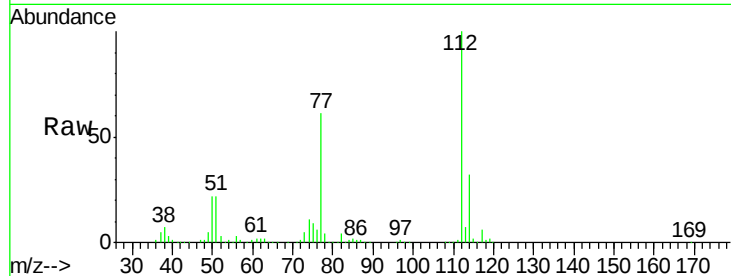
Ion Ratio Lower Upper

112 100

114 32.3 24.9 37.3

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

200000

150000

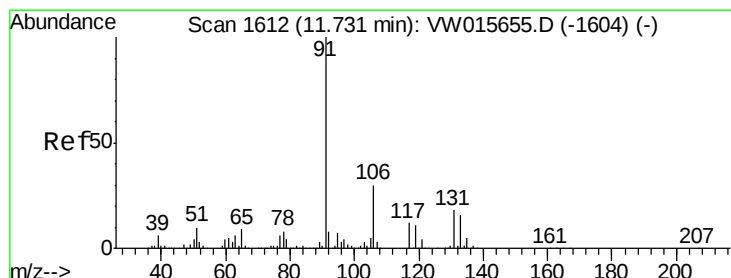
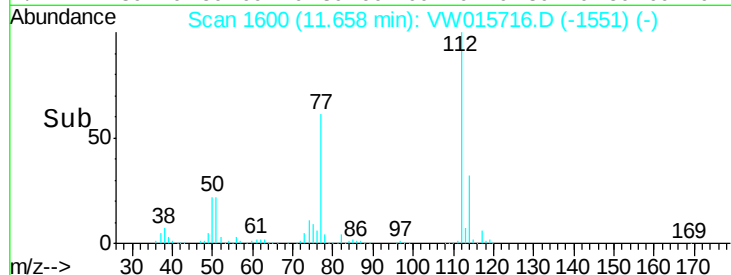
100000

50000

0

Time-->

11.60 11.70 11.80



#66

1,1,1,2-Tetrachloroethane

Concen: 53.419 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

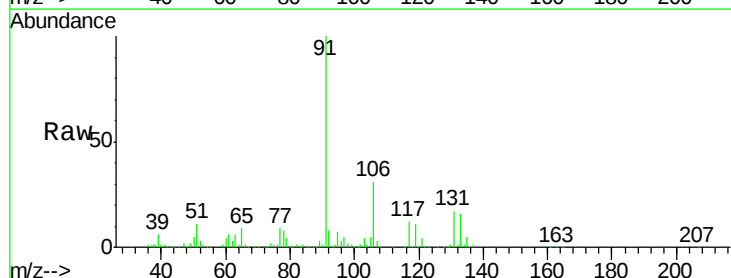
Tgt Ion:131 Resp: 108880

Ion Ratio Lower Upper

131 100

133 94.2 46.5 139.5

119 64.1 32.5 97.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.73

80000

60000

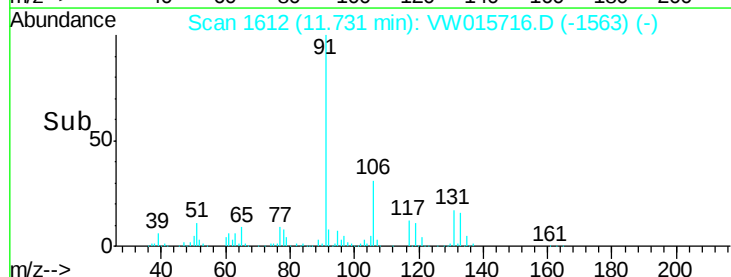
40000

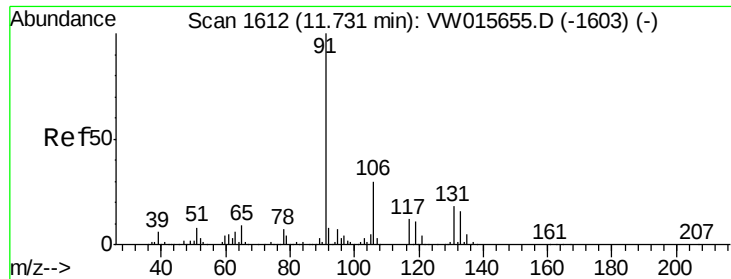
20000

0

Time-->

11.70 11.80





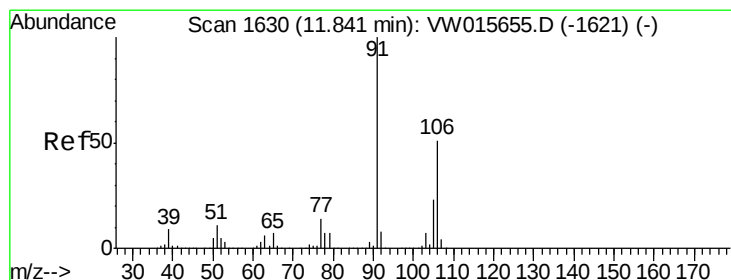
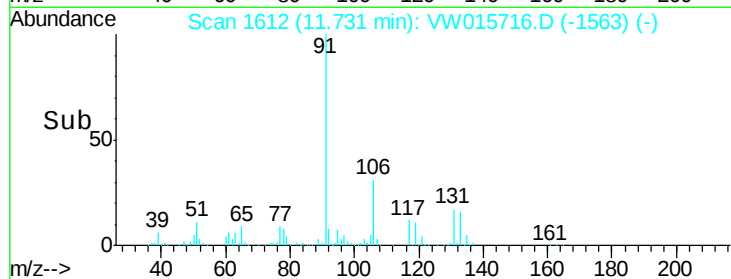
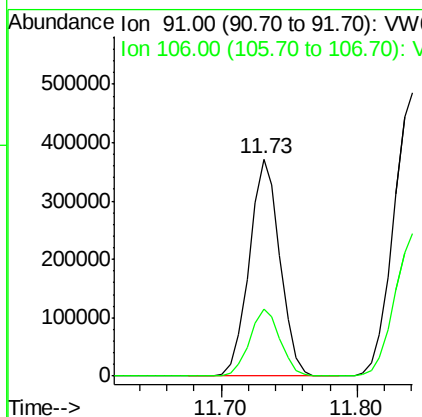
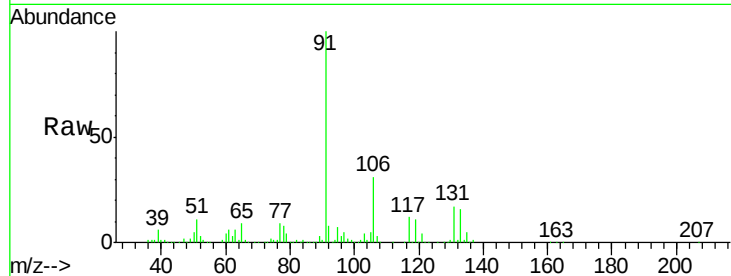
#67
Ethyl Benzene
Concen: 54.194 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 586303
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1

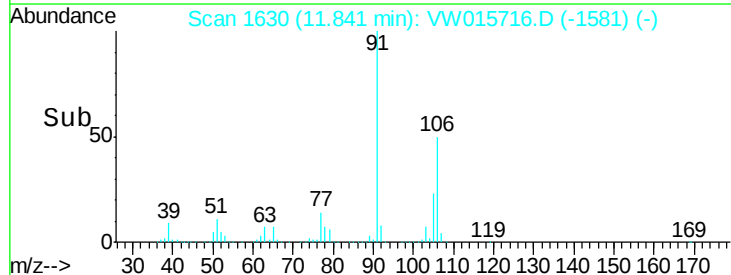
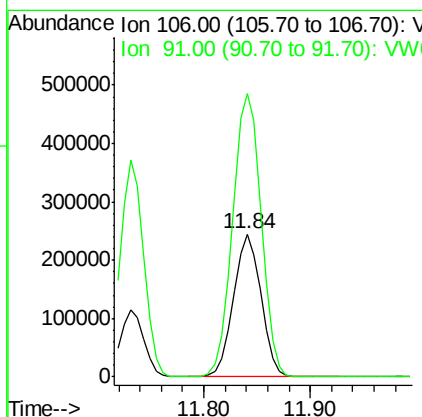
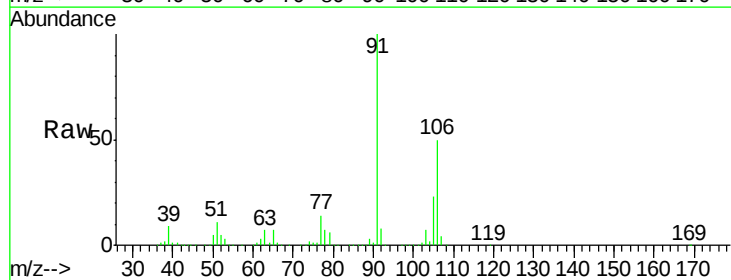
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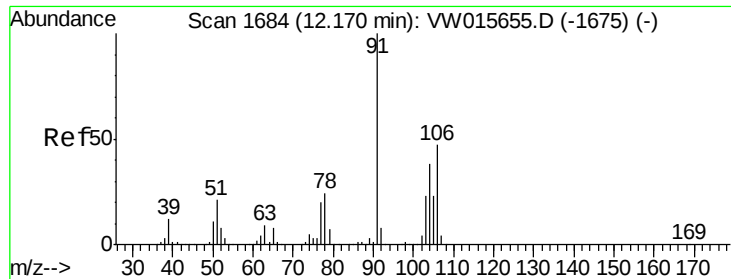
MMDadoda
6/26/2020 11:21:16 AM



#68
m/p-Xylenes
Concen: 109.637 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion: 106 Resp: 445384
Ion Ratio Lower Upper
106 100
91 205.0 162.6 244.0





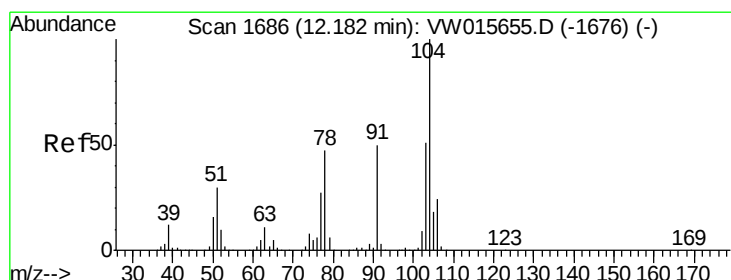
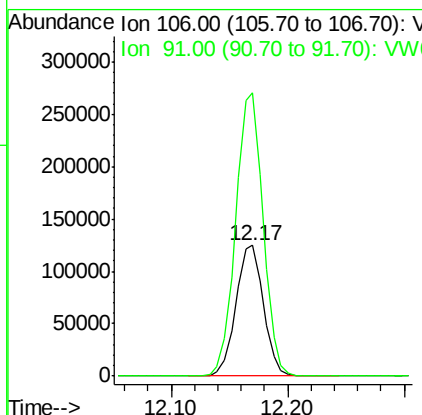
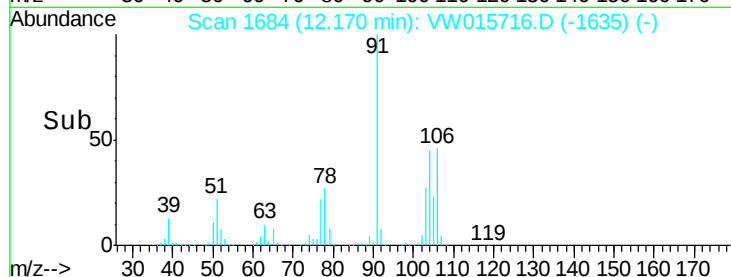
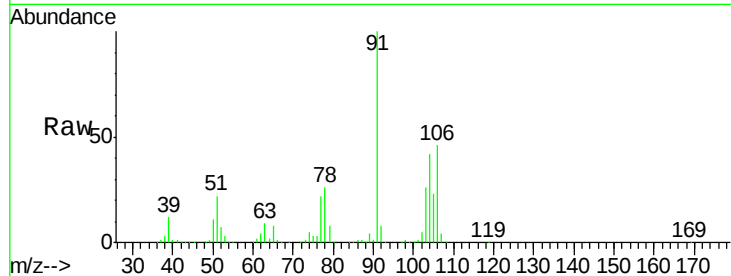
#69
o-Xylene
Concen: 54.958 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 205275
Ion Ratio Lower Upper
106 100
91 216.0 108.3 324.9

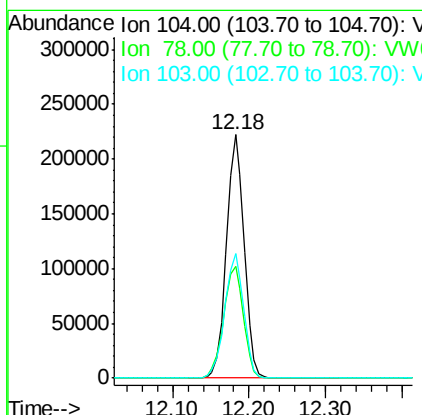
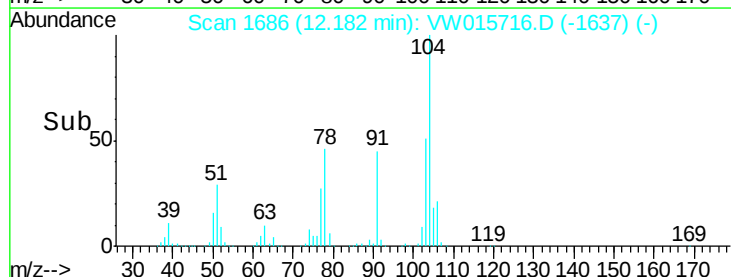
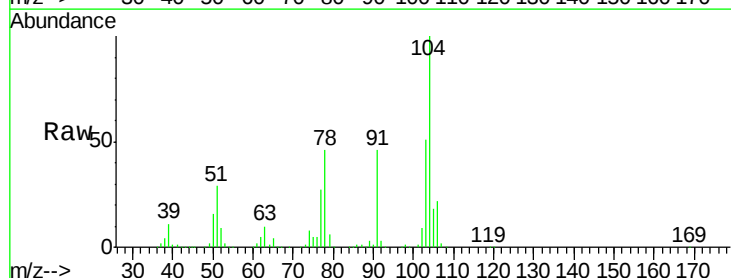
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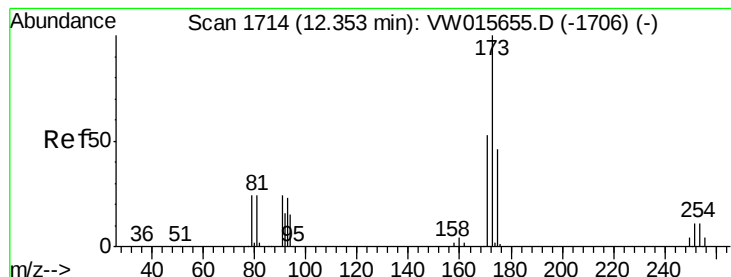
MMDadoda
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#70
Styrene
Concen: 55.520 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion:104 Resp: 354306
Ion Ratio Lower Upper
104 100
78 51.5 40.9 61.3
103 55.0 43.1 64.7





#71

Bromoform

Concen: 52.938 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

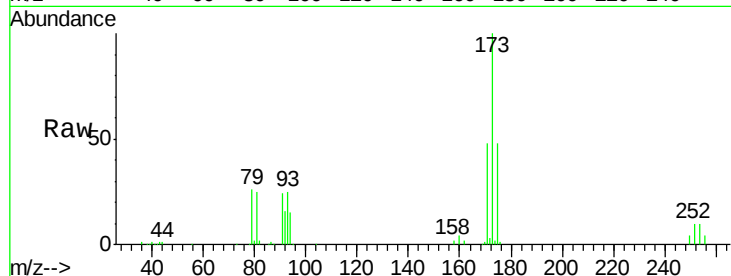
ClientSampleId :

VSTDCCC050

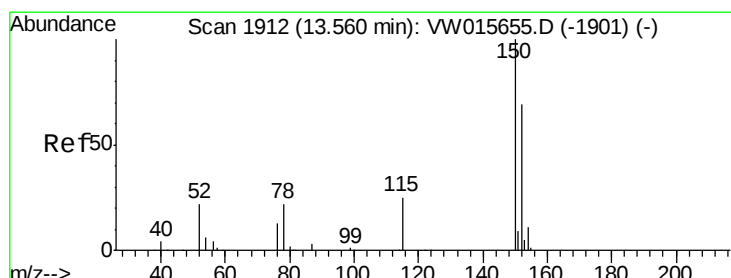
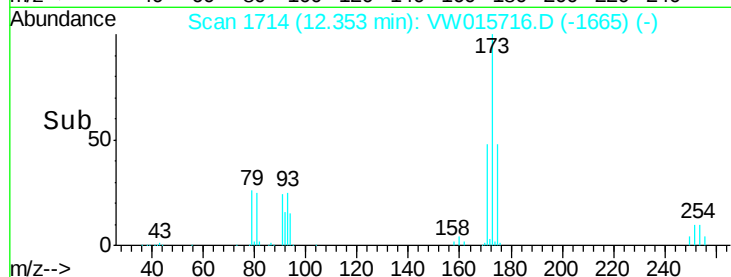
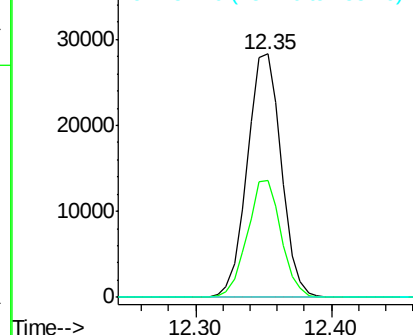
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.5	70.6
254	0.0	0.1	0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

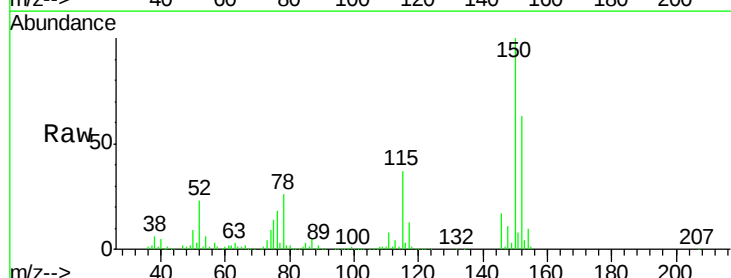
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

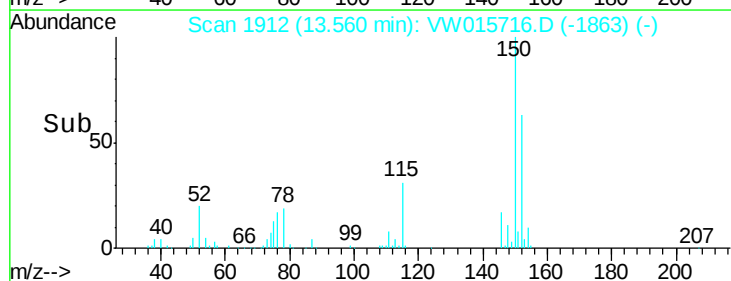
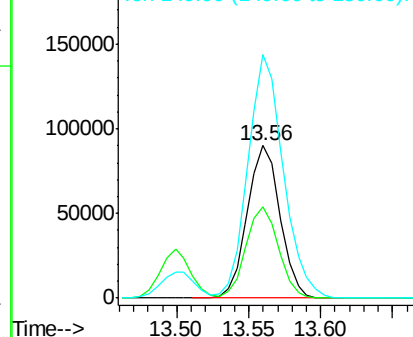
Lab File: VW015716.D

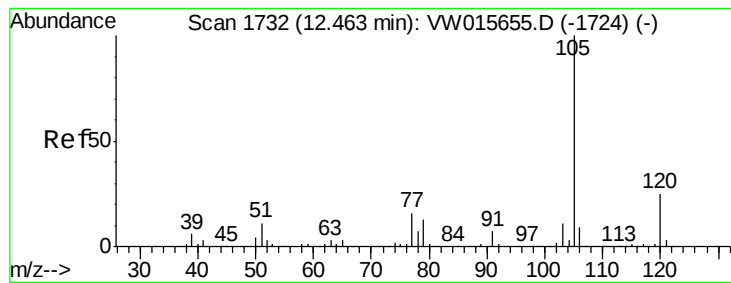
Acq: 25 Jun 2020 09:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	30.1	90.5
150	172.7	0.0	345.6



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: 53.833 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 580808

Ion Ratio Lower Upper

105 100

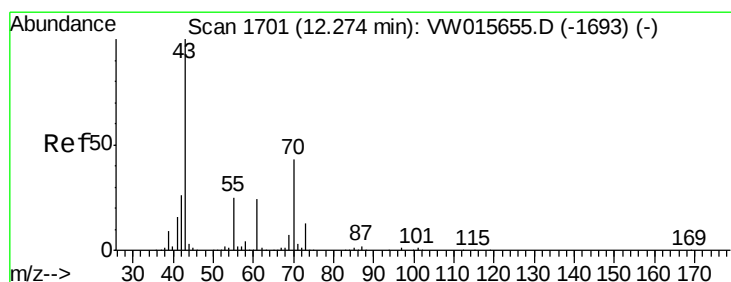
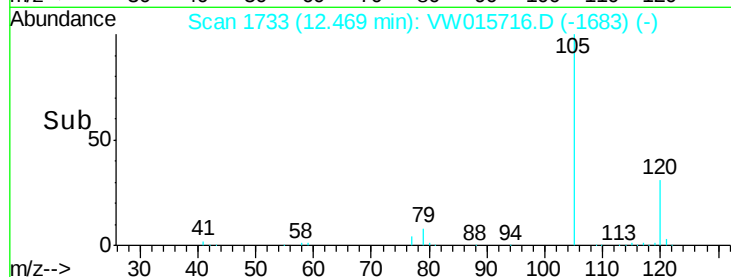
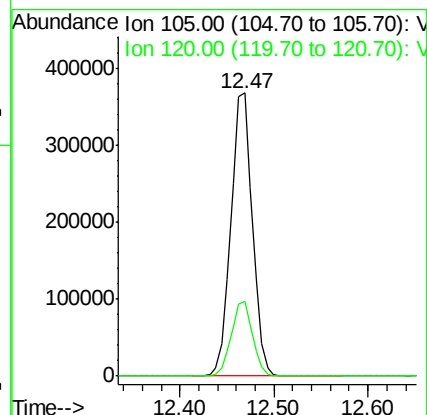
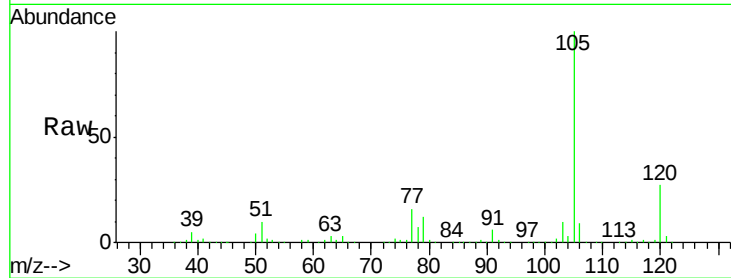
120 26.2 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.203 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Tgt Ion: 43 Resp: 117109

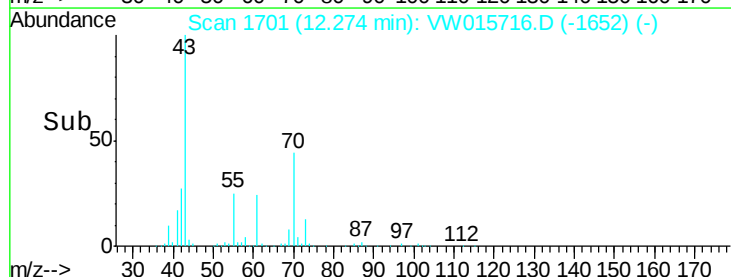
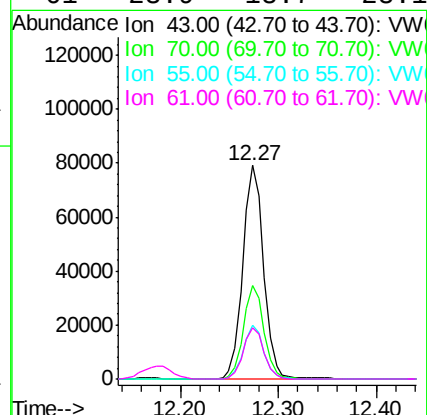
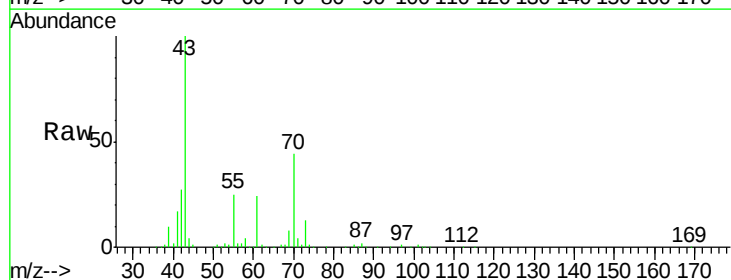
Ion Ratio Lower Upper

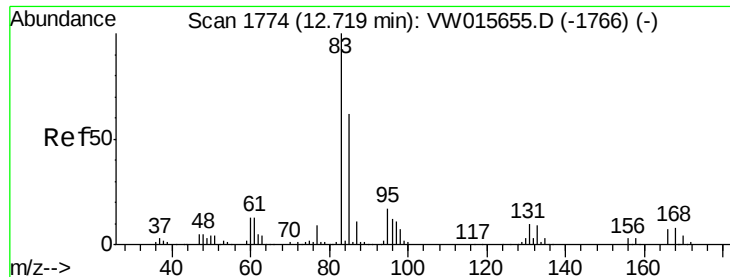
43 100

70 43.0 33.6 50.4

55 24.8 19.7 29.5

61 23.9 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.145 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

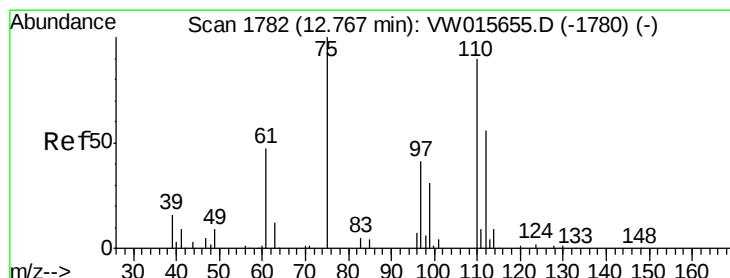
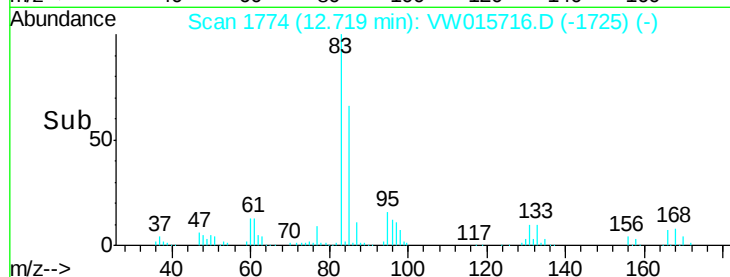
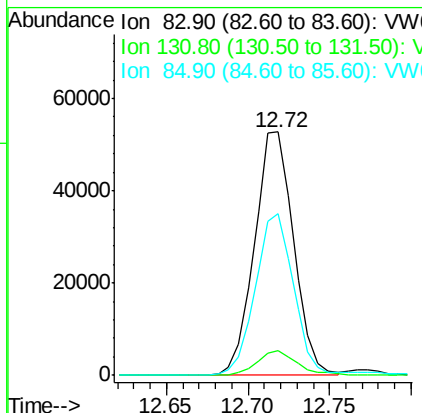
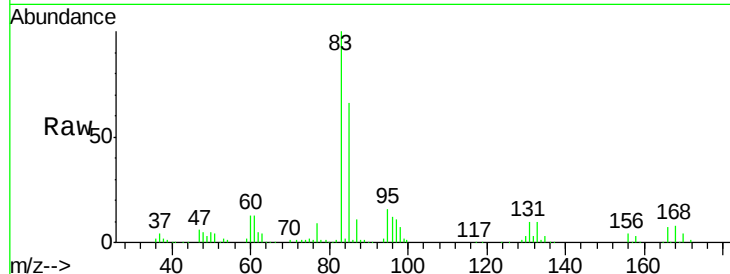
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	88278
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.5	16.4
85	64.7	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 50.062 ug/l m

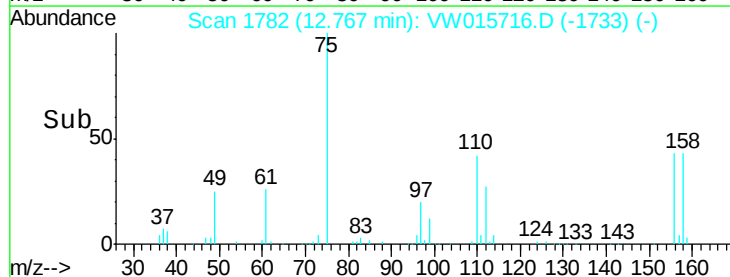
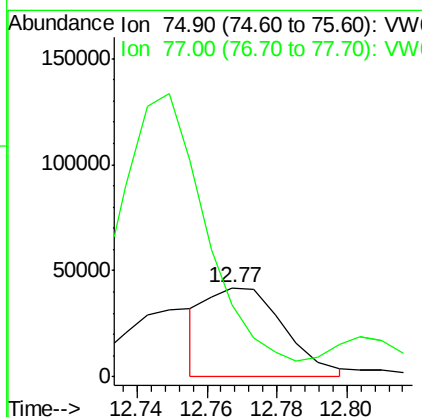
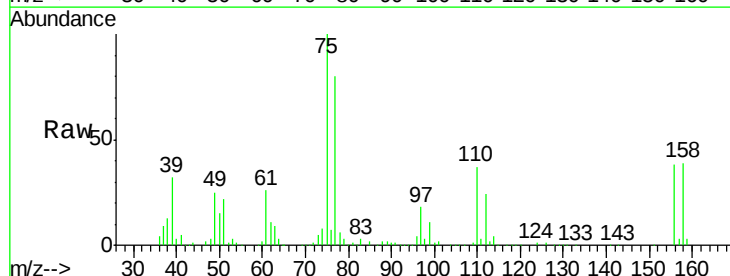
RT: 12.77 min Scan# 1782

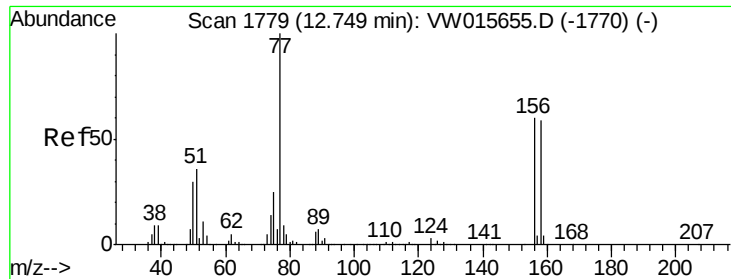
Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Tgt Ion:	75	Resp:	64584
Ion Ratio	Lower	Upper	
75	100		
77	369.9	179.1	537.1





#77

Bromobenzene

Concen: 51.749 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

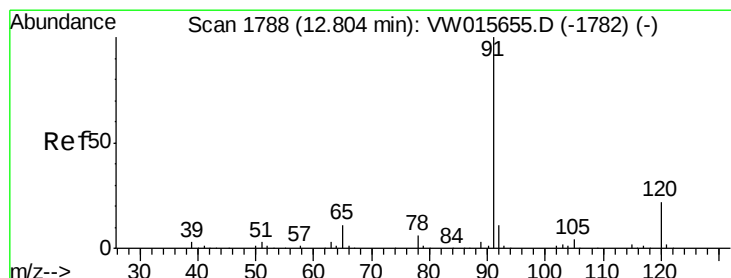
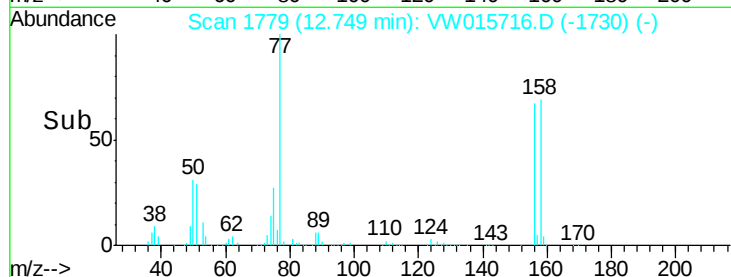
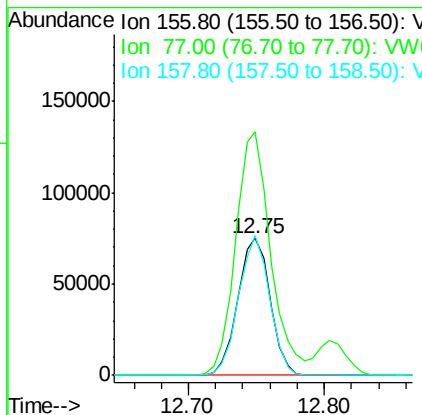
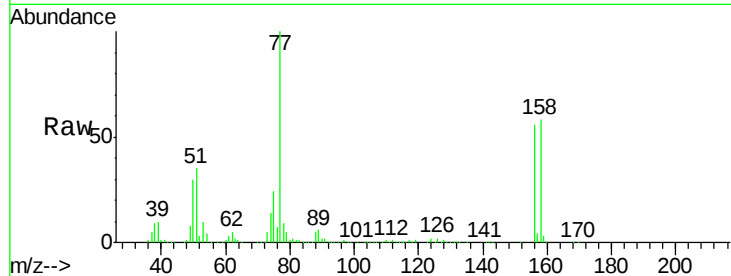
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	124496
Ion Ratio	Lower	Upper	
156	100		
77	191.9	94.5	283.5
158	97.7	47.9	143.6

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#78

n-propylbenzene

Concen: 53.804 ug/l

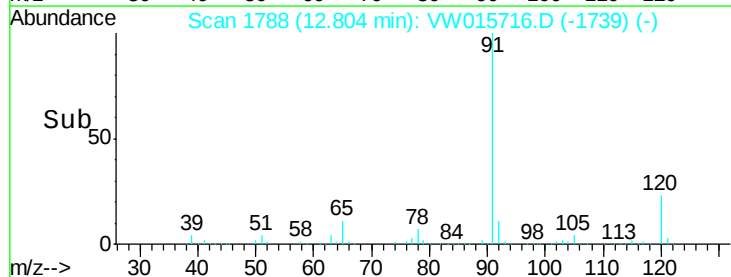
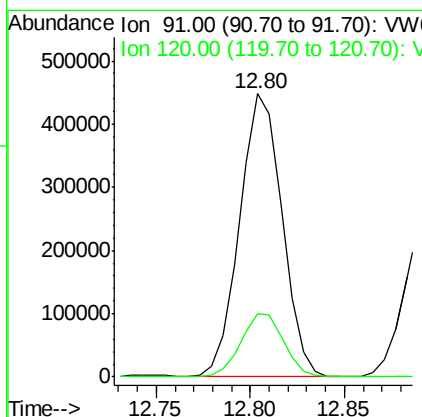
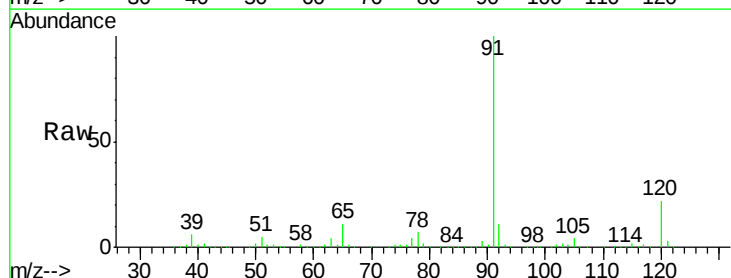
RT: 12.80 min Scan# 1788

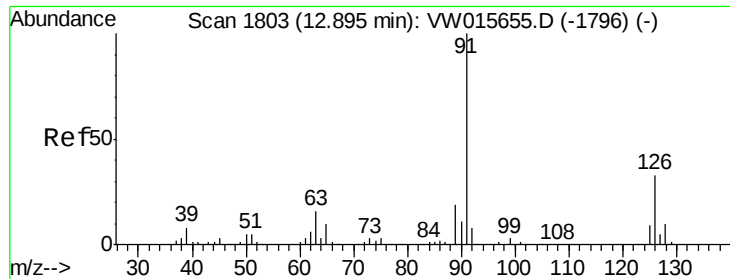
Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Tgt Ion:	91	Resp:	698735
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.2	33.5





#79

2-Chlorotoluene

Concen: 53.730 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 392885

Ion Ratio Lower Upper

91 100

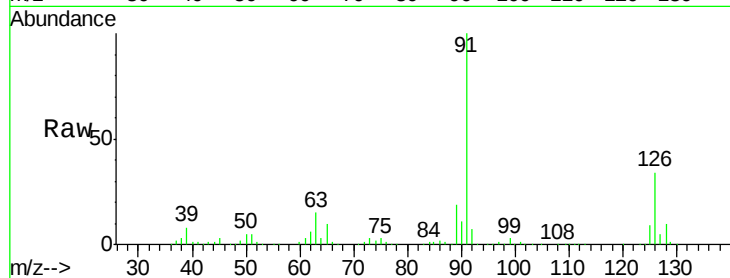
126 33.2 16.6 49.8

Manual Integrations

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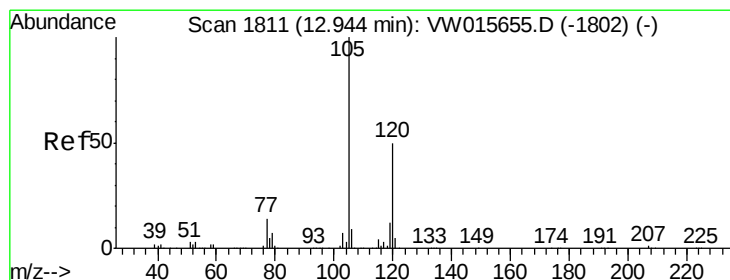
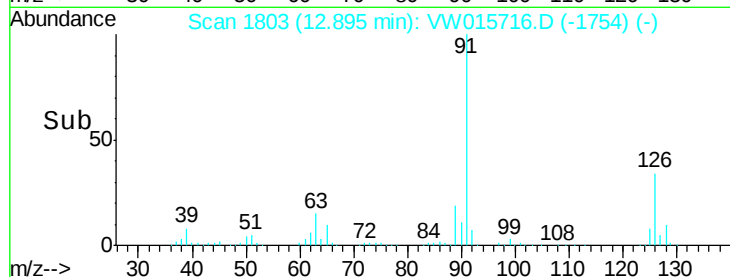
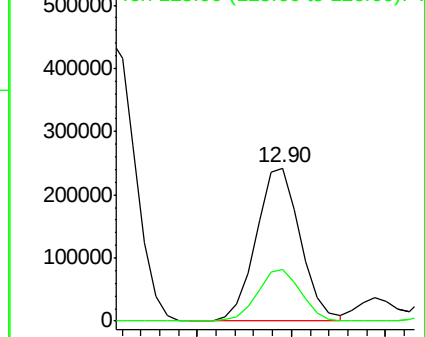
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.177 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015716.D

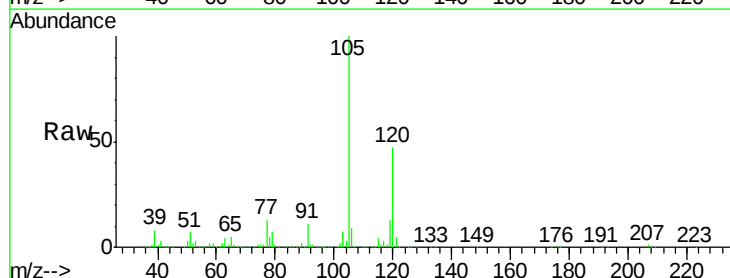
Acq: 25 Jun 2020 09:29

Tgt Ion: 105 Resp: 504431

Ion Ratio Lower Upper

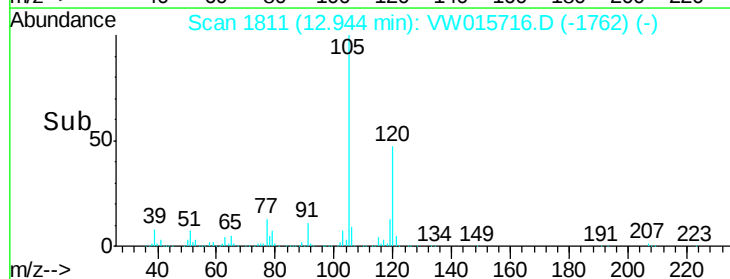
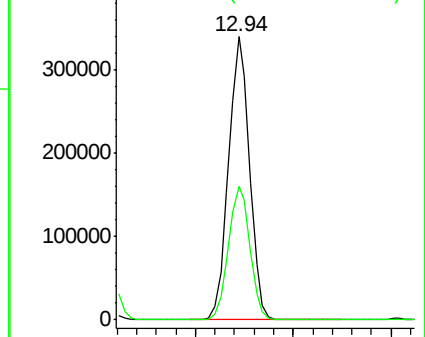
105 100

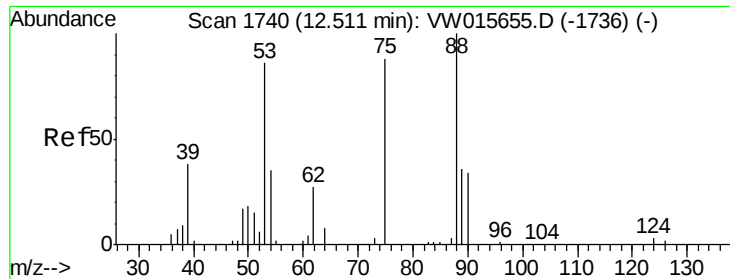
120 48.3 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





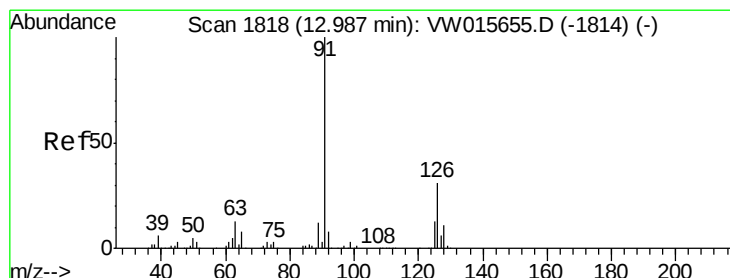
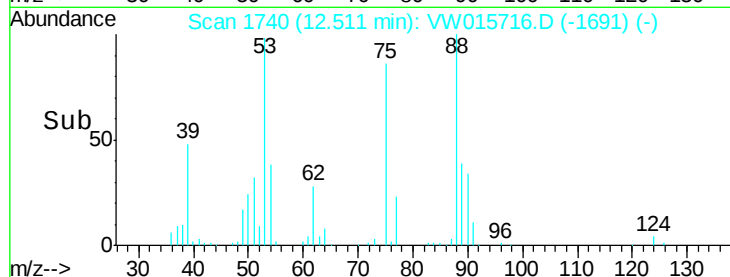
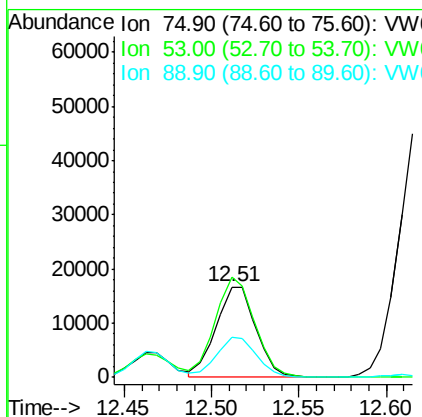
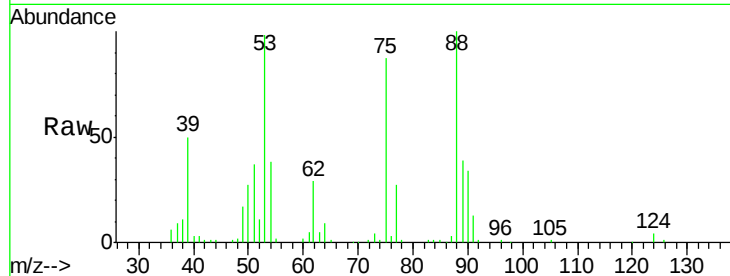
#81
trans-1,4-Dichloro-2-butene
Concen: 51.382 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.8	83.8	125.8
89	45.1	36.6	55.0

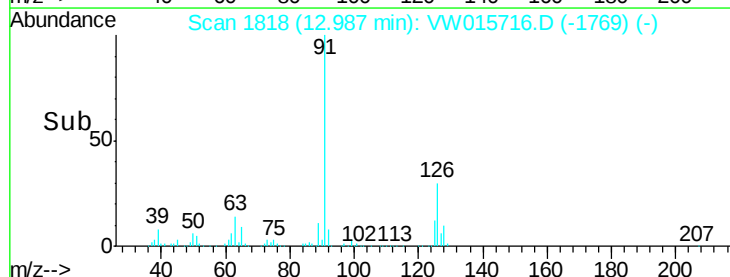
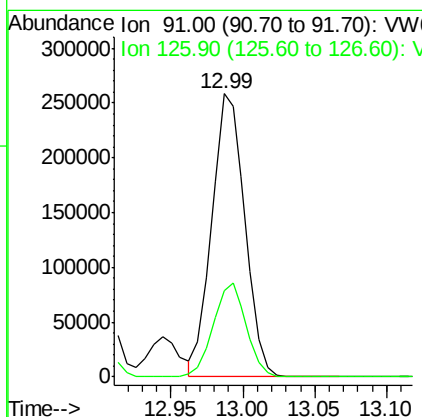
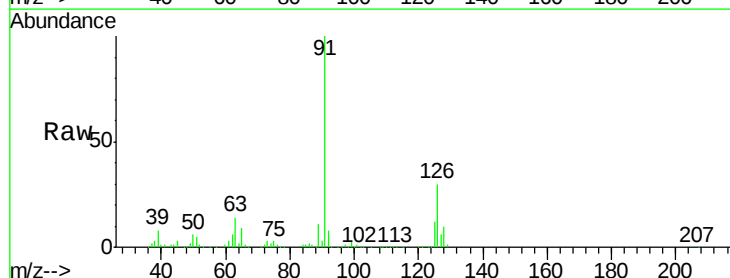
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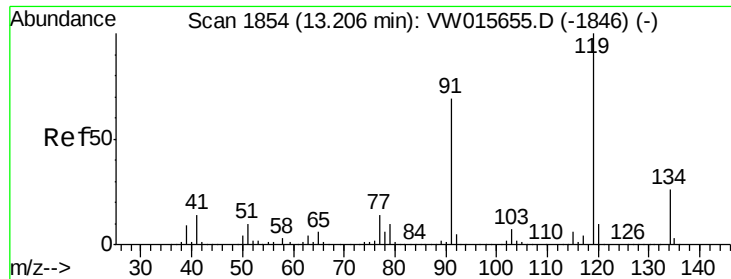
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#82
4-Chlorotoluene
Concen: 53.450 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.3	48.9





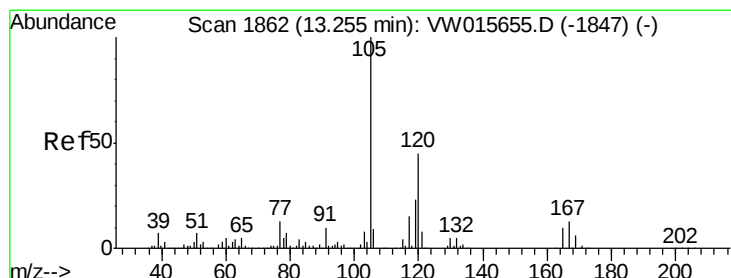
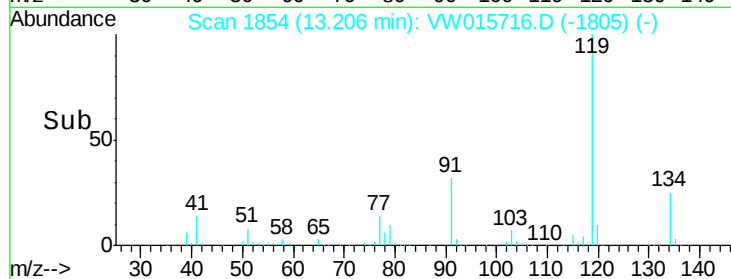
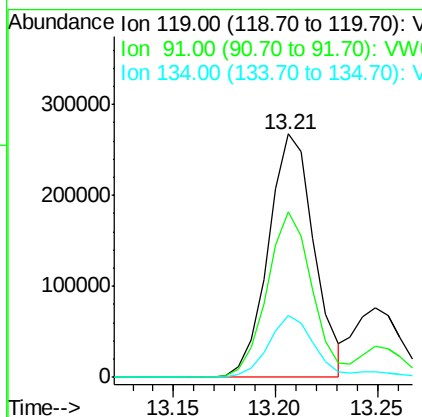
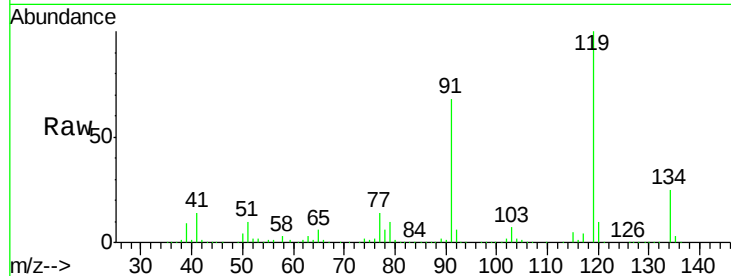
#83
 tert-Butylbenzene
 Concen: 54.162 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.6	34.7	104.1
134	25.1	13.8	41.4

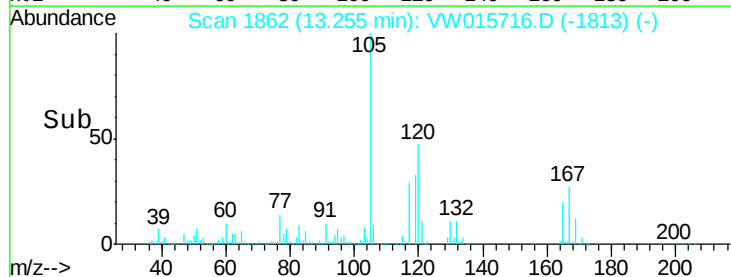
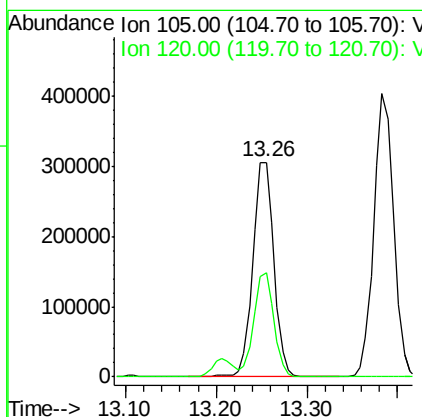
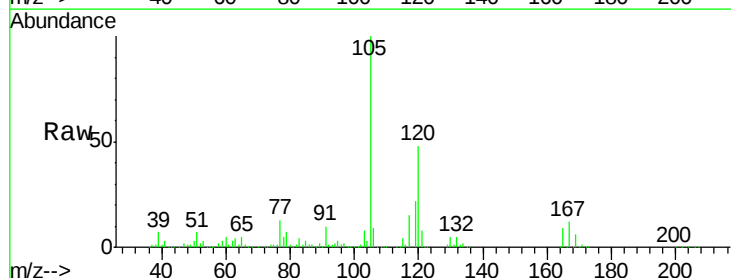
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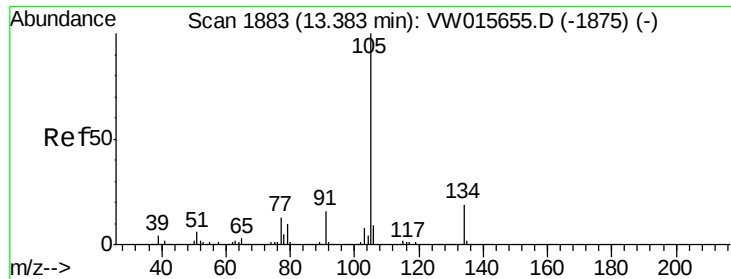
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.860 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.8	68.3





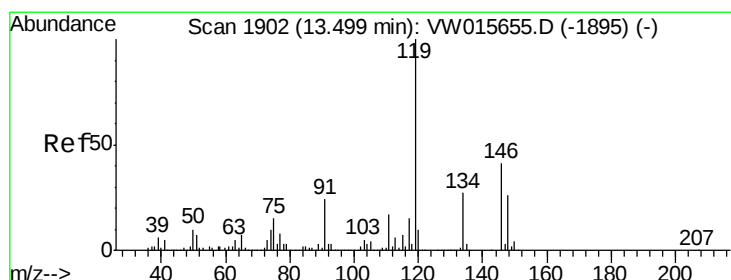
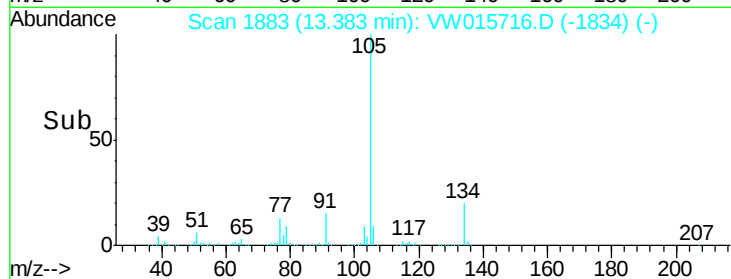
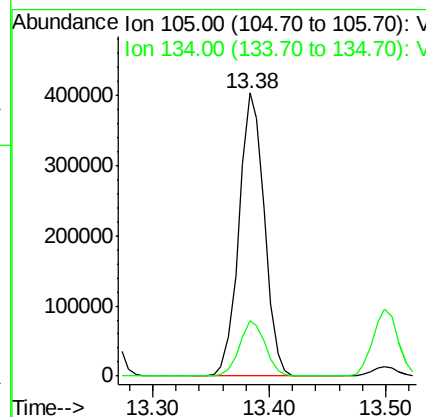
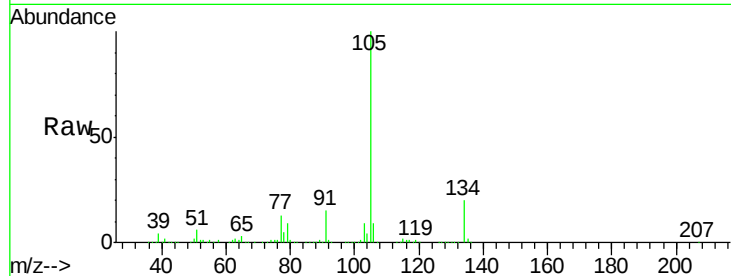
#85
 sec-Butylbenzene
 Concen: 55.356 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.0	29.8

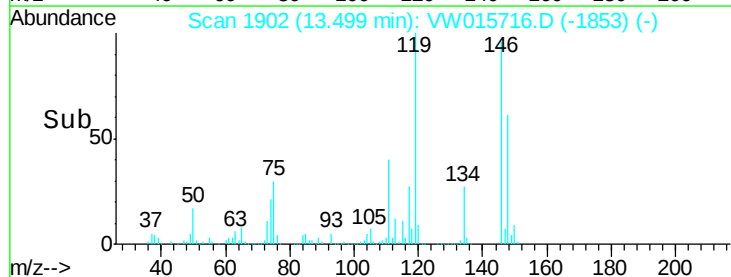
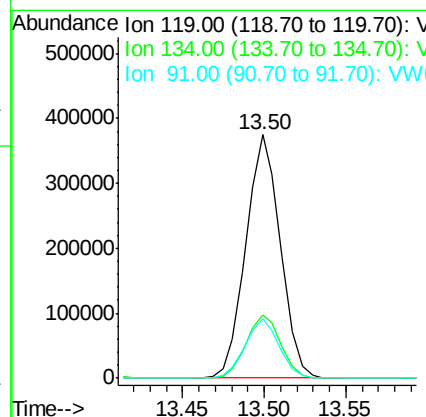
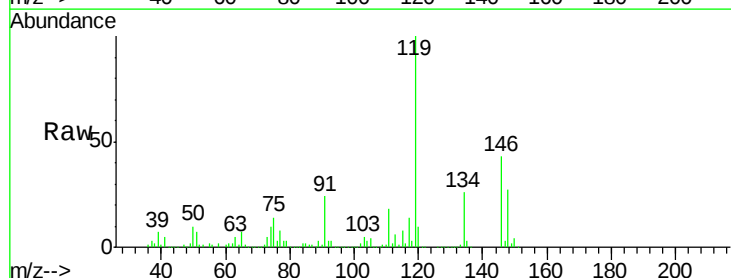
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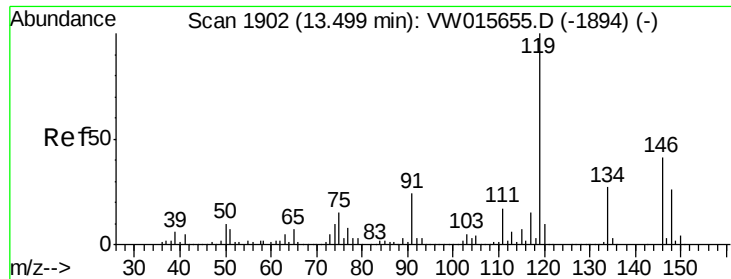
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#86
 p-Isopropyltoluene
 Concen: 54.739 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.5	40.4
91	24.1	12.3	36.8





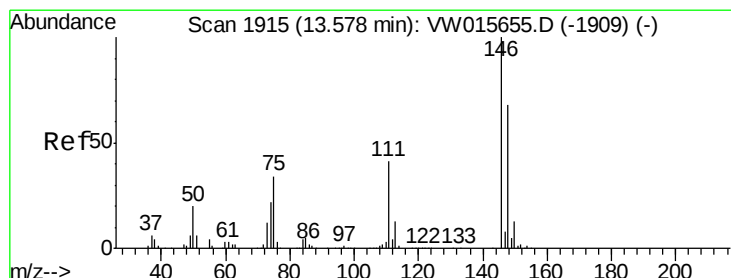
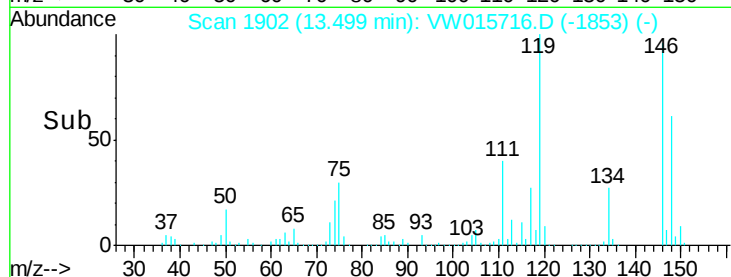
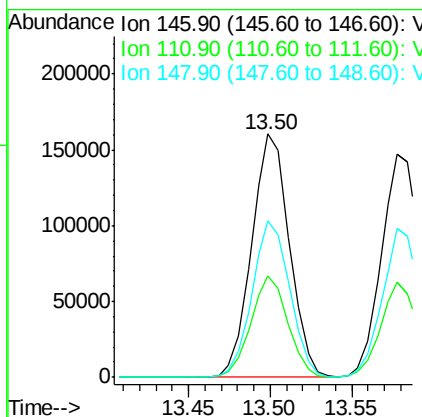
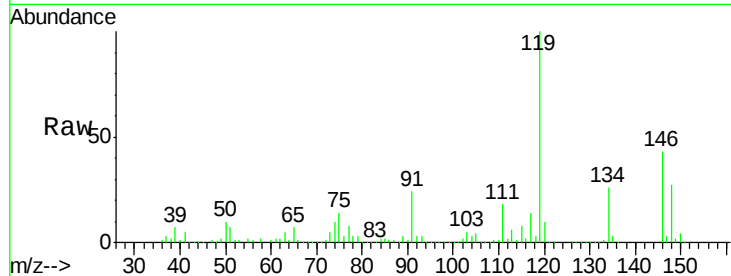
#87
 1,3-Dichlorobenzene
 Concen: 53.821 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.8
148	64.3	31.6	94.7

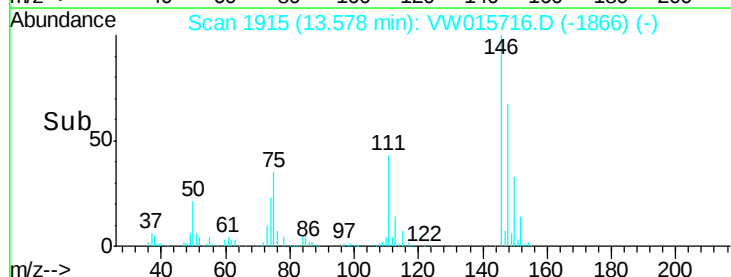
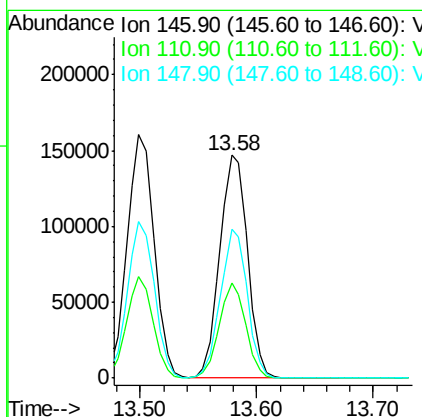
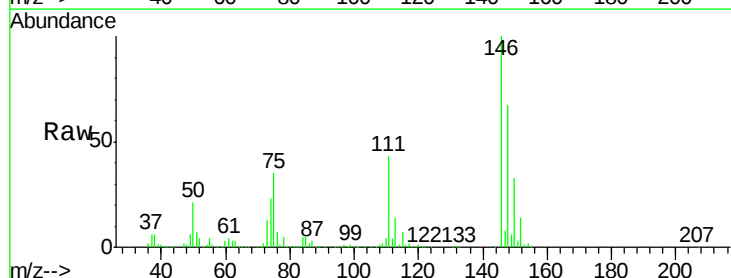
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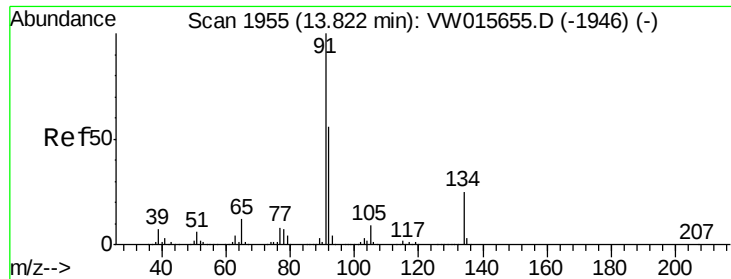
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#88
 1,4-Dichlorobenzene
 Concen: 51.219 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	60.9
148	64.4	33.7	101.1





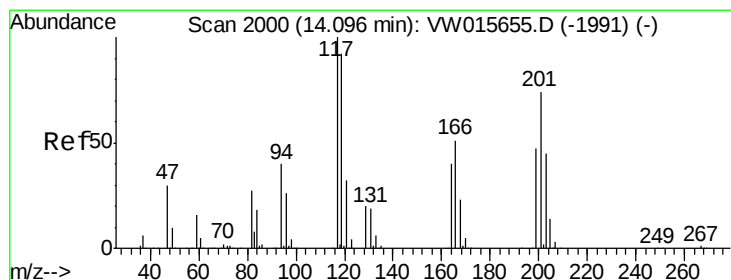
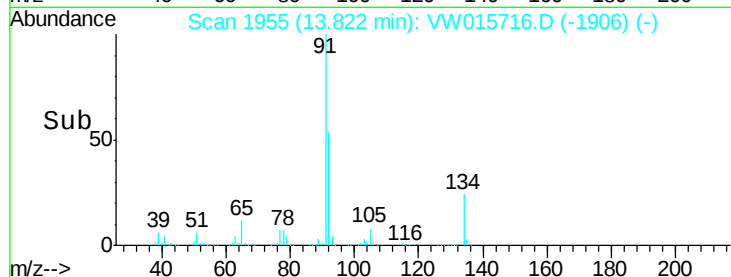
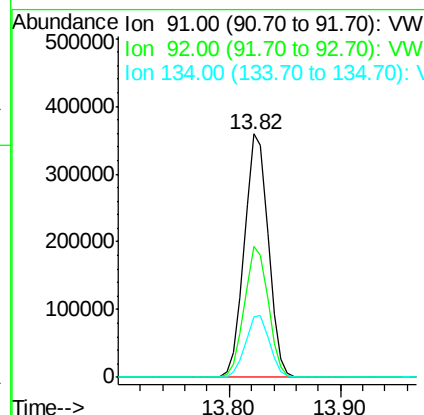
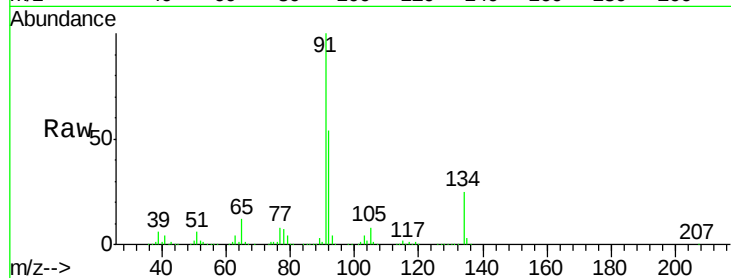
#89
n-Butylbenzene
Concen: 55.687 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	536181		
92	53.7		27.5	82.4
134	25.6		13.0	38.9

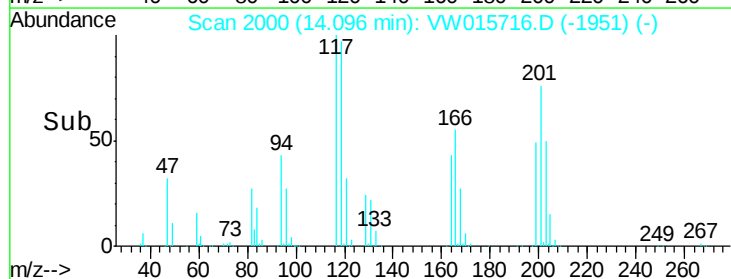
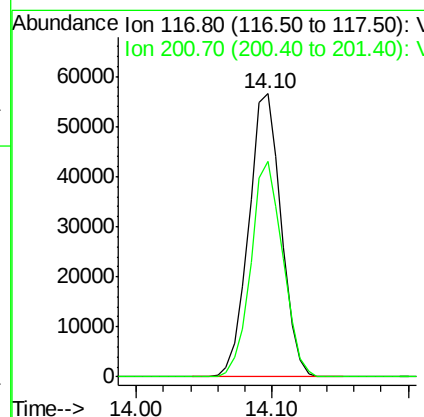
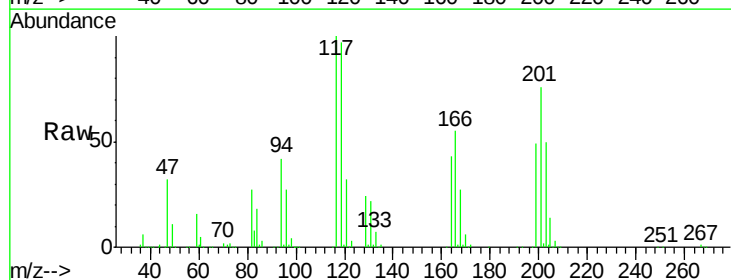
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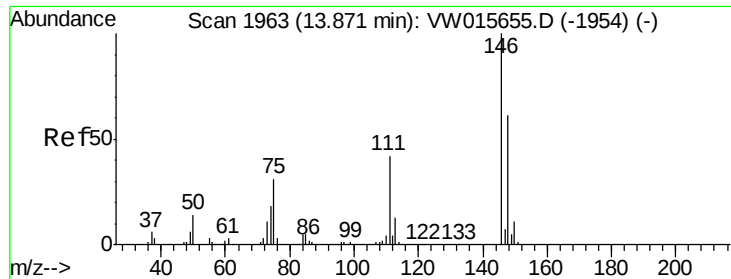
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#90
Hexachloroethane
Concen: 52.973 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	94555		
201	75.0		37.1	111.5





#91

1,2-Dichlorobenzene

Concen: 52.551 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

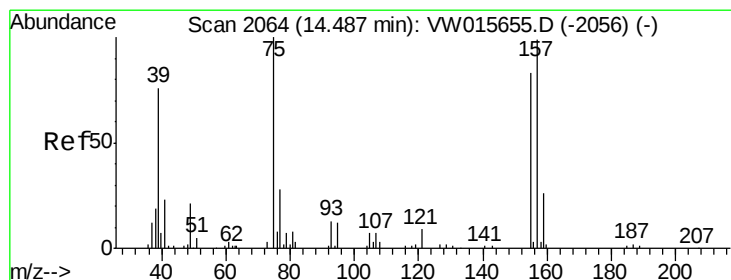
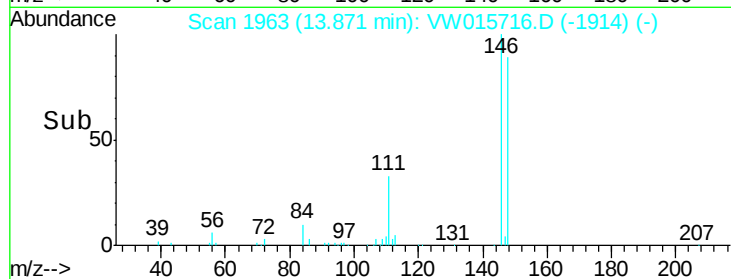
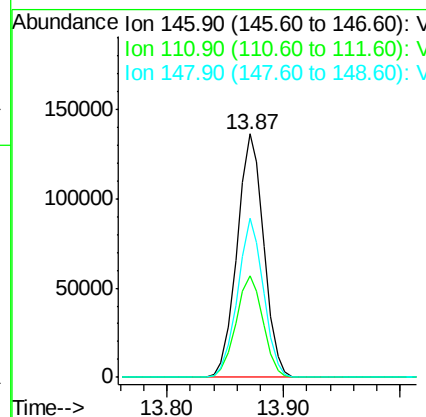
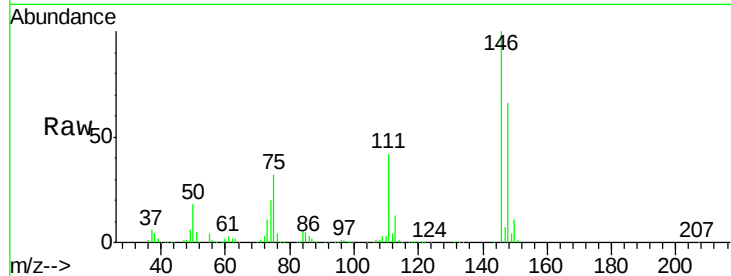
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	216999
Ion Ratio	Lower	Upper	
146	100		
111	42.1	21.3	63.7
148	63.5	32.2	96.6

Manual Integrations
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6/26/2020 11:21:16 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.124 ug/l

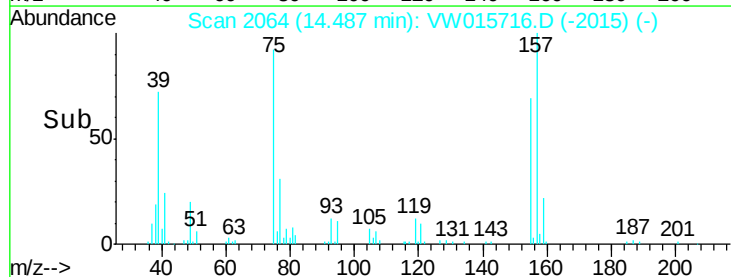
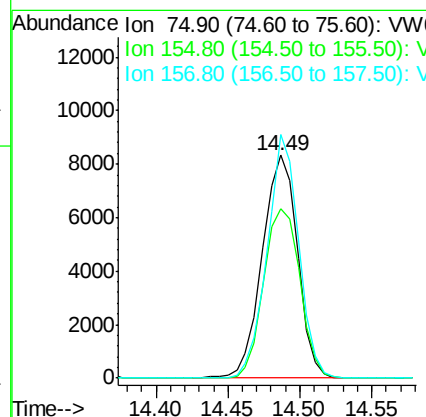
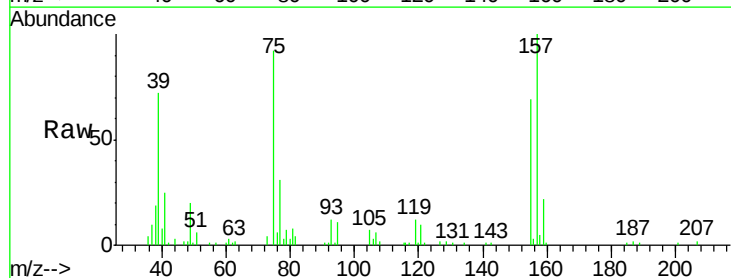
RT: 14.49 min Scan# 2064

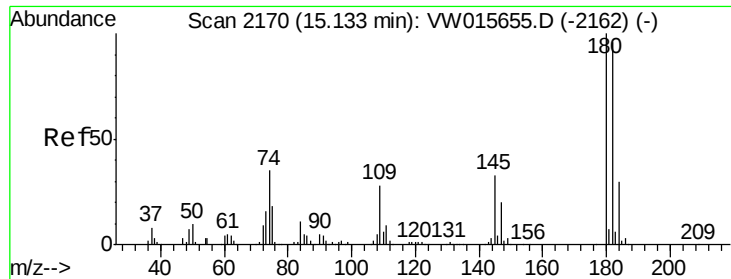
Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Tgt Ion:	75	Resp:	14130
Ion Ratio	Lower	Upper	
75	100		
155	78.4	40.8	122.2
157	97.5	50.7	152.1





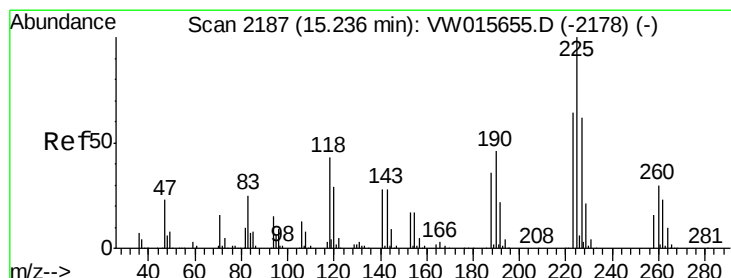
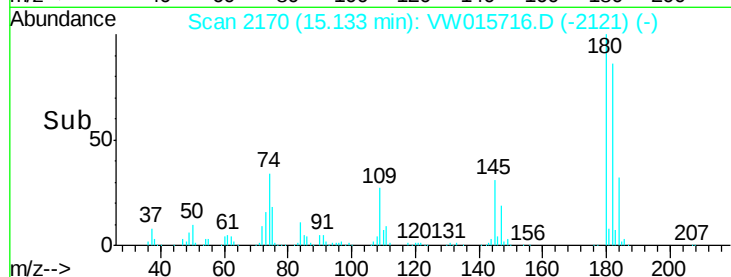
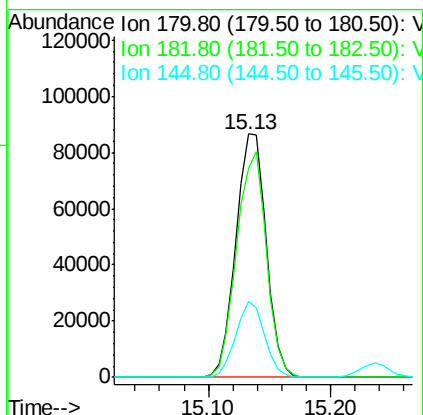
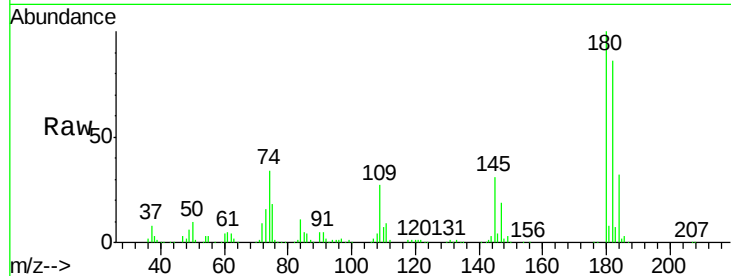
#93
1,2,4-Trichlorobenzene
Concen: 54.444 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	148460		
182	91.1	47.9	143.6	
145	29.5	15.6	46.7	

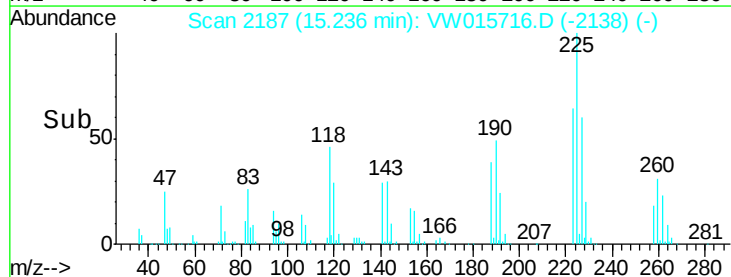
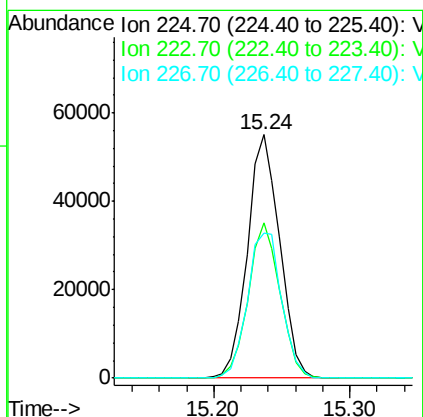
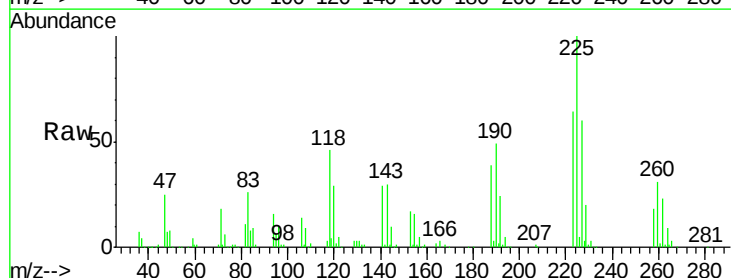
Manual Integrations
APPROVED

MMDadoda
6/26/2020 11:21:16 AM



#94
Hexachlorobutadiene
Concen: 52.472 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	91153		
223	62.8	31.0	93.0	
227	63.8	31.9	95.9	





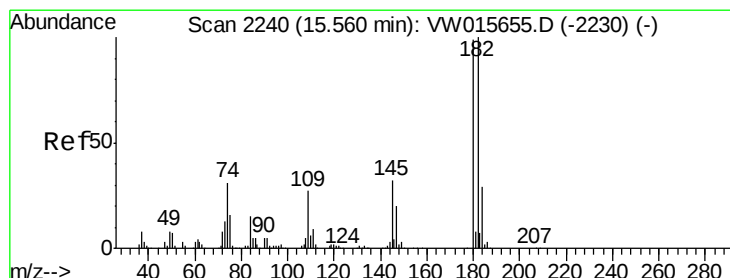
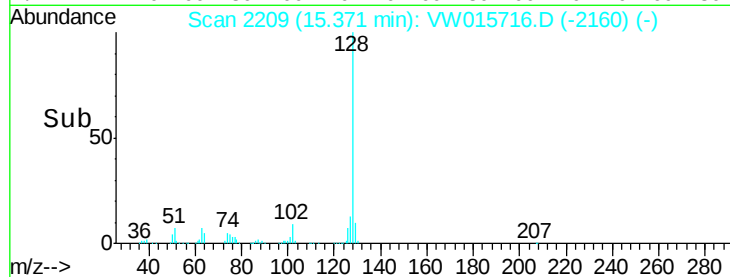
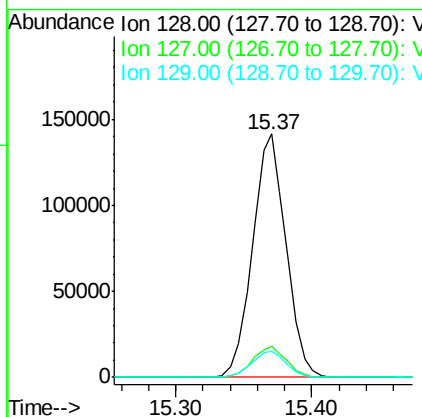
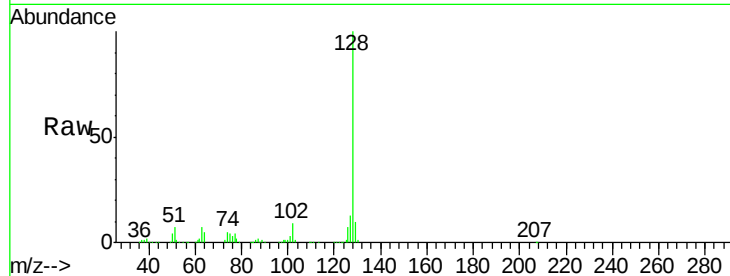
#95
Naphthalene
Concen: 53.900 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/26/2020 11:21:16 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.849 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	49.0	147.0
145	32.7	16.4	49.2

