

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012836.D
 Acq On : 09 Sep 2019 21:33
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 8:15:42 AM

Quant Time: Sep 10 07:37:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	300482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	104812	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
35) Dibromofluoromethane	7.88	113	84204	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
50) Toluene-d8	10.32	98	336793	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.62	95	122167	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	41673	37.868	ug/l	97
3) Chloromethane	2.21	50	58299	43.591	ug/l	94
4) Vinyl Chloride	2.35	62	74667	45.534	ug/l	100
5) Bromomethane	2.73	94	44304m	49.754	ug/l	
6) Chloroethane	2.90	64	47539	48.581	ug/l	100
7) Trichlorofluoromethane	3.24	101	47655	42.113	ug/l	96
8) Diethyl Ether	3.67	74	47921	50.386	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	84815	47.761	ug/l	96
10) Methyl Iodide	4.27	142	107057	47.889	ug/l	96
11) Tert butyl alcohol	5.16	59	49854	287.287	ug/l	98
12) 1,1-Dichloroethene	4.04	96	76273	45.499	ug/l	92
13) Acrolein	3.89	56	43845	238.092	ug/l	98
14) Allyl chloride	4.66	41	151531	43.696	ug/l	98
15) Acrylonitrile	5.35	53	151469	272.669	ug/l	100
16) Acetone	4.11	43	139594	225.760	ug/l	96
17) Carbon Disulfide	4.38	76	146154	41.074	ug/l	97
18) Methyl Acetate	4.67	43	79901	55.077	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	172542	51.899	ug/l	98
20) Methylene Chloride	4.91	84	89196	46.109	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	80134	46.849	ug/l	93
22) Diisopropyl ether	6.31	45	331320	48.172	ug/l	96
23) Vinyl Acetate	6.25	43	1092465	250.632	ug/l	98
24) 1,1-Dichloroethane	6.21	63	172301	46.526	ug/l	98
25) 2-Butanone	7.16	43	214823	237.062	ug/l	99
26) 2,2-Dichloropropane	7.16	77	101056	43.205	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	97929	49.376	ug/l	95
28) Bromochloromethane	7.51	49	78113	45.936	ug/l	91
29) Tetrahydrofuran	7.52	42	135481	271.328	ug/l	95
30) Chloroform	7.67	83	172067	46.882	ug/l	93
31) Cyclohexane	7.95	56	142905	42.863	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	138102	46.420	ug/l	98
36) 1,1-Dichloropropene	8.08	75	126446	47.361	ug/l	98
37) Ethyl Acetate	7.25	43	88733	52.136	ug/l	99
38) Carbon Tetrachloride	8.07	117	123588	46.959	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	143109	47.725	ug/l	95
40) Benzene	8.32	78	357911	48.317	ug/l	99
41) Methacrylonitrile	7.48	41	60543	52.151	ug/l	96
42) 1,2-Dichloroethane	8.40	62	127648	48.964	ug/l	98
43) Isopropyl Acetate	8.42	43	171500	53.187	ug/l	98
44) Trichloroethene	9.09	130	93917	49.185	ug/l	97
45) 1,2-Dichloropropane	9.37	63	100162	48.752	ug/l	98
46) Dibromomethane	9.46	93	50783	52.198	ug/l	97
47) Bromodichloromethane	9.64	83	132725	49.587	ug/l	99
48) Methyl methacrylate	9.43	41	80862	52.475	ug/l	99
49) 1,4-Dioxane	9.45	88	23449	1220.197	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	467297	276.184	ug/l	98
52) Toluene	10.38	92	230811	49.923	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	139862	50.816	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	158390	50.729	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	77922	53.498	ug/l	97
56) Ethyl methacrylate	10.65	69	119972	56.270	ug/l	94
57) 1,3-Dichloropropane	10.93	76	139944	51.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	299268	264.400	ug/l	98
59) 2-Hexanone	10.96	43	331023	267.790	ug/l	99
60) Dibromochloromethane	11.13	129	89590	52.300	ug/l	99
61) 1,2-Dibromoethane	11.23	107	74130	55.514	ug/l	99
64) Tetrachloroethene	10.86	164	83552	51.932	ug/l	96
65) Chlorobenzene	11.66	112	248801	49.647	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	95564	51.206	ug/l	99
67) Ethyl Benzene	11.73	91	462938	49.235	ug/l	99
68) m/p-Xylenes	11.83	106	336862	99.255	ug/l	99
69) o-Xylene	12.16	106	163106	50.940	ug/l	98
70) Styrene	12.18	104	288770	51.037	ug/l	99
71) Bromoform	12.35	173	56471	54.463	ug/l #	99
73) Isopropylbenzene	12.46	105	468880	48.744	ug/l	100
74) N-amyl acetate	12.27	43	159820	52.343	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	100297	51.918	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	79574m	58.023	ug/l	
77) Bromobenzene	12.74	156	110273	50.599	ug/l	96
78) n-propylbenzene	12.80	91	555833	48.314	ug/l	99
79) 2-Chlorotoluene	12.89	91	316931	47.987	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	399137	49.242	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	32579	50.245	ug/l	98
82) 4-Chlorotoluene	12.99	91	332923	47.655	ug/l	99
83) tert-Butylbenzene	13.21	119	361414	50.427	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	400428	49.027	ug/l	99
85) sec-Butylbenzene	13.38	105	494208	49.693	ug/l	99
86) p-Isopropyltoluene	13.50	119	453052	49.873	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	211094	49.280	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	212181	49.779	ug/l	99
89) n-Butylbenzene	13.82	91	431415	48.918	ug/l	99
90) Hexachloroethane	14.09	117	77486	48.861	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	193937	50.301	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19239	54.419	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	146174	54.455	ug/l	97
94) Hexachlorobutadiene	15.24	225	97330	52.385	ug/l	99
95) Naphthalene	15.36	128	298312	52.748	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	133072	56.162	ug/l	99

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

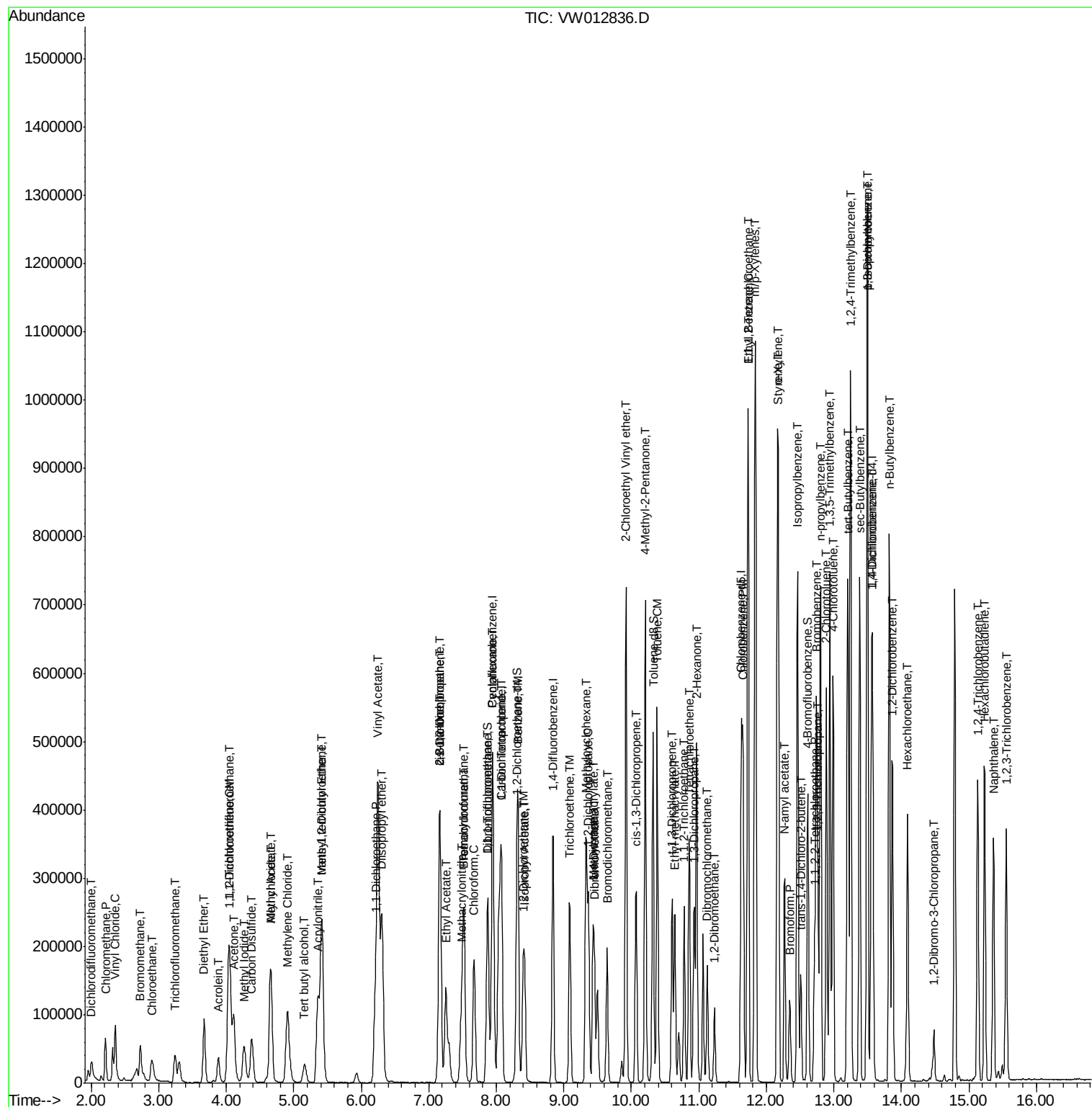
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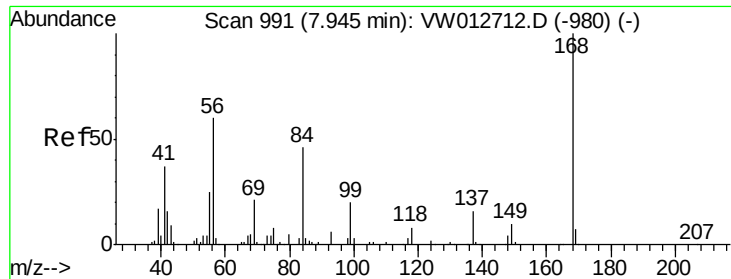
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 202993

Ion Ratio Lower Upper

168 100

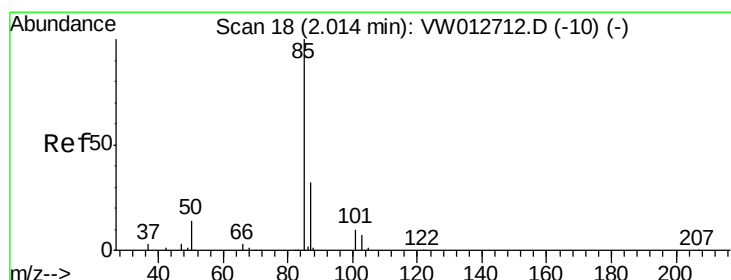
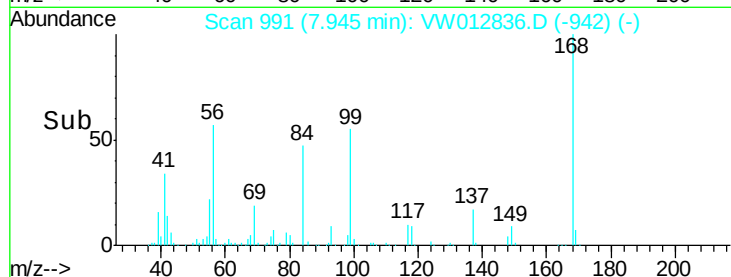
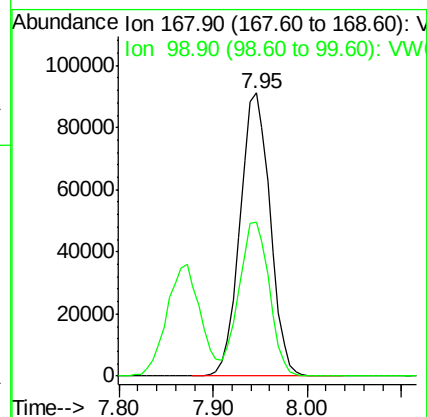
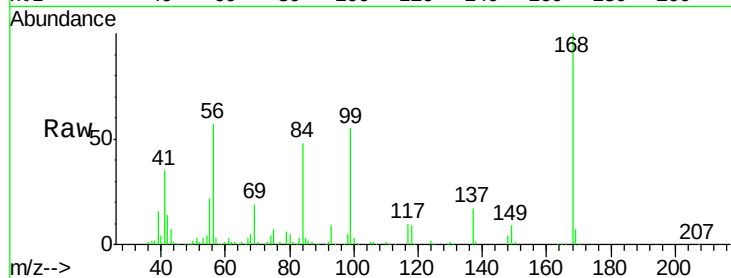
99 54.4 47.8 71.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 37.868 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012836.D

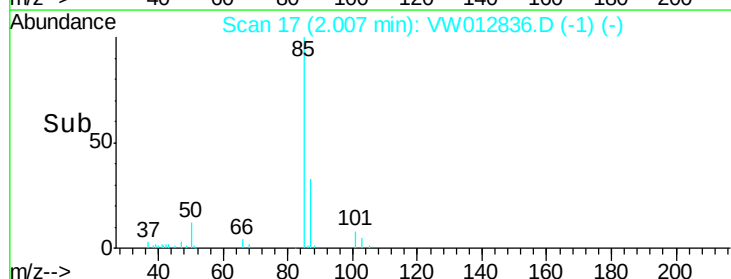
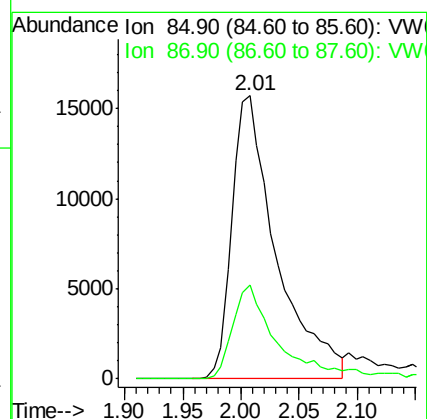
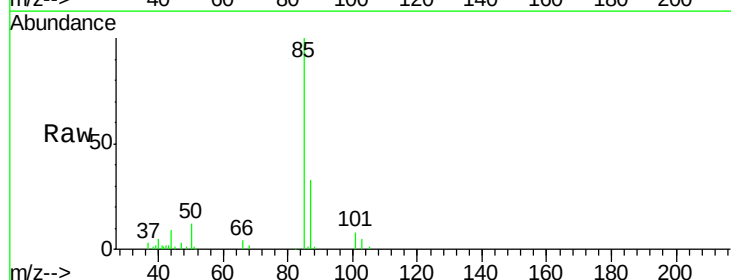
Acq: 09 Sep 2019 21:33

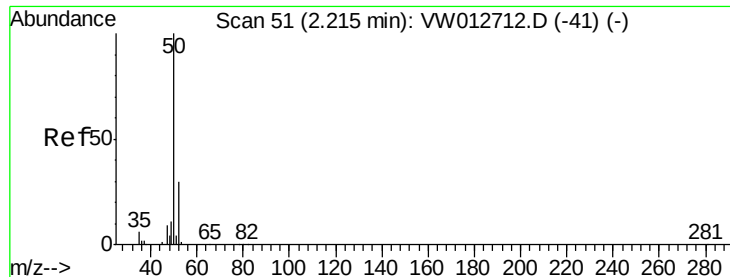
Tgt Ion: 85 Resp: 41673

Ion Ratio Lower Upper

85 100

87 33.3 15.8 47.4





#3

Chloromethane

Concen: 43.591 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 58299

Ion Ratio Lower Upper

50 100

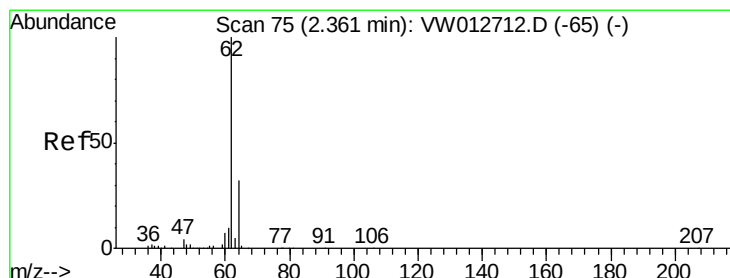
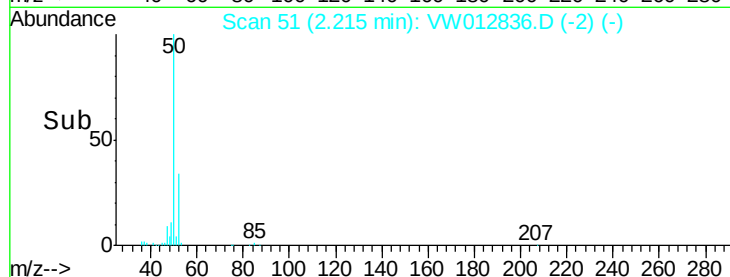
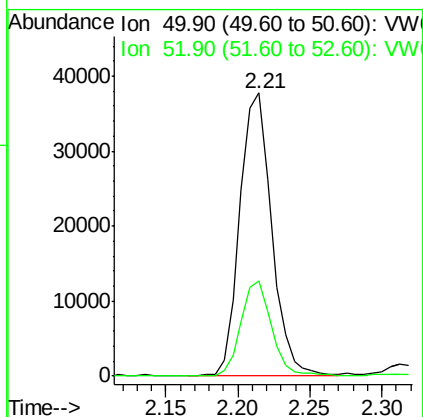
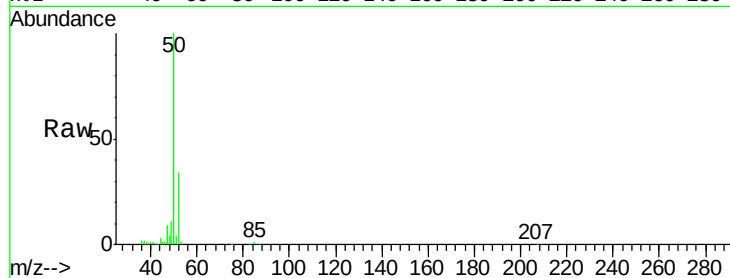
52 33.6 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.534 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012836.D

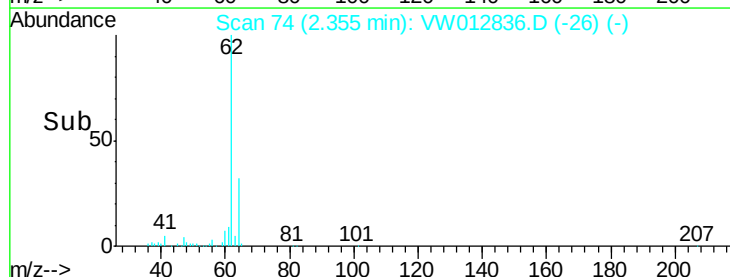
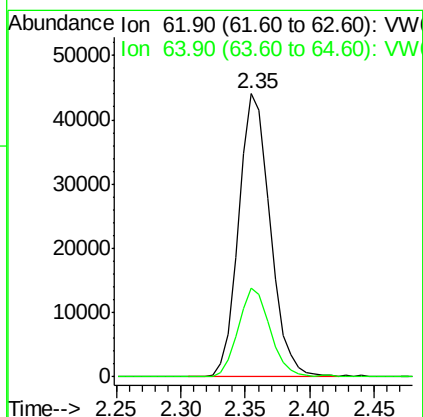
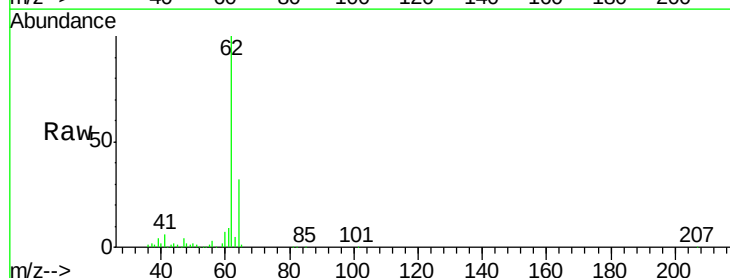
Acq: 09 Sep 2019 21:33

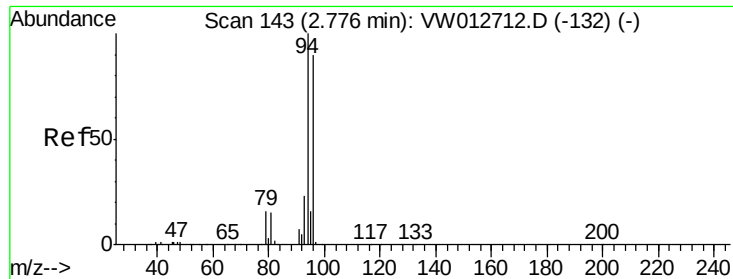
Tgt Ion: 62 Resp: 74667

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 49.754 ug/l m

RT: 2.73 min Scan# 135

Delta R.T. -0.05 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

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Tot Ion: 94 Resp: 44304

Ion Ratio Lower Upper

94 100

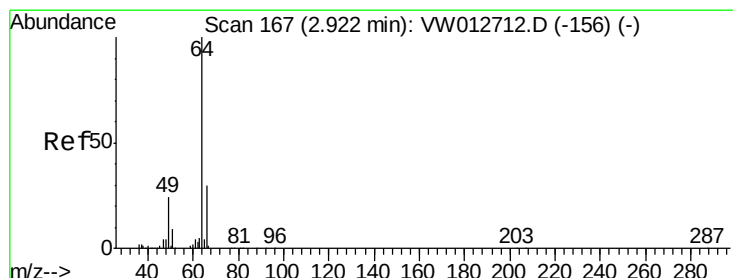
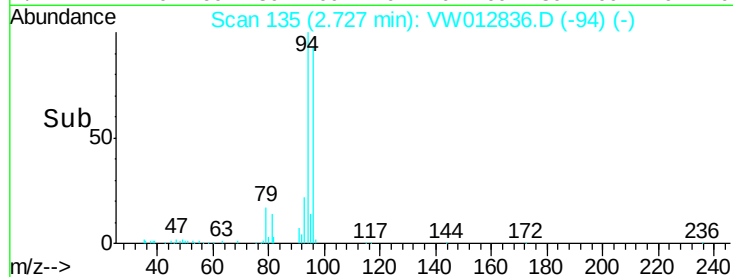
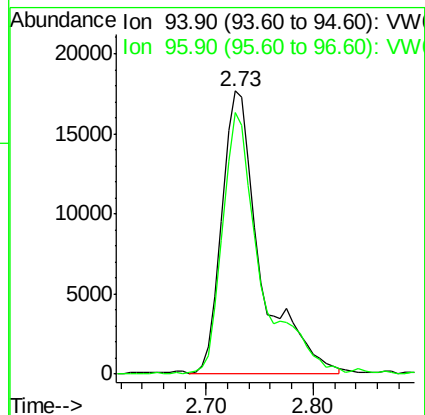
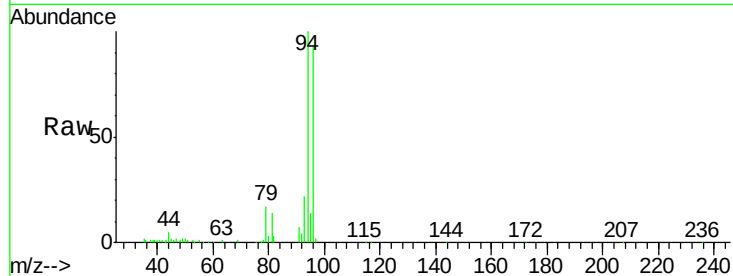
96 92.7 72.1 108.1

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#6

Chloroethane

Concen: 48.581 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.02 min

Lab File: VW012836.D

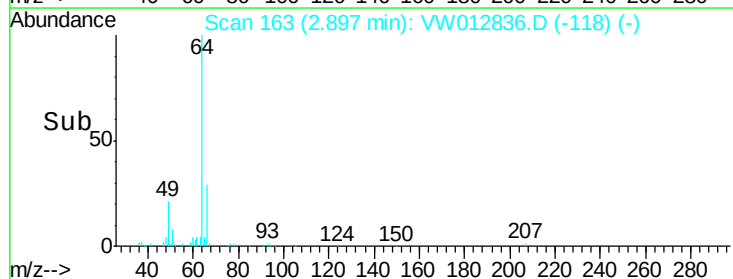
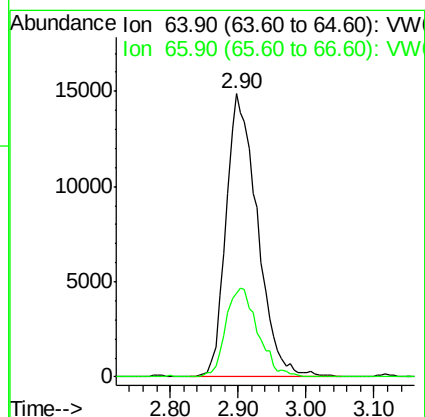
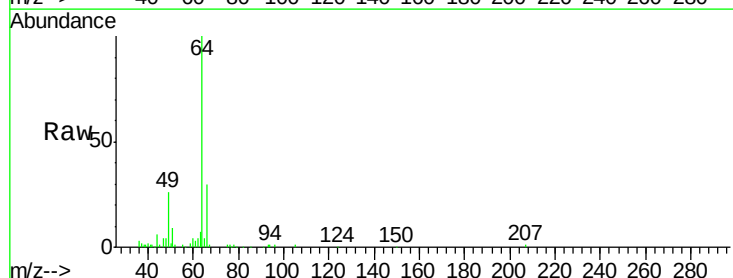
Acq: 09 Sep 2019 21:33

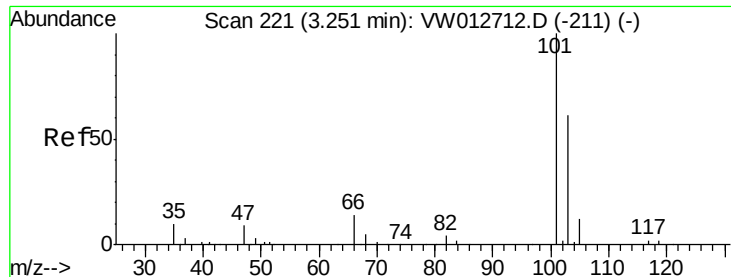
Tgt Ion: 64 Resp: 47539

Ion Ratio Lower Upper

64 100

66 29.8 23.8 35.6





#7

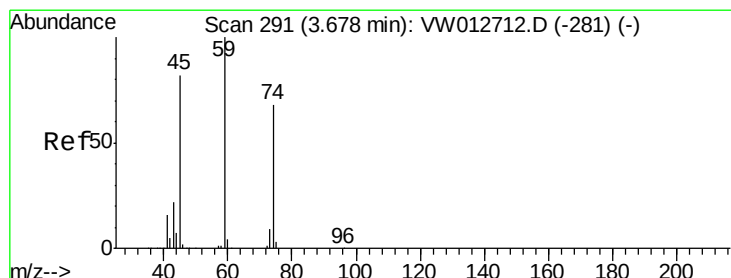
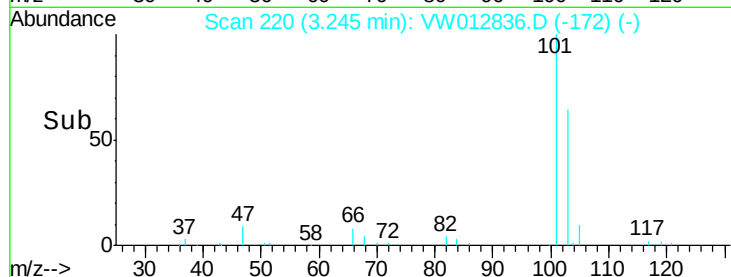
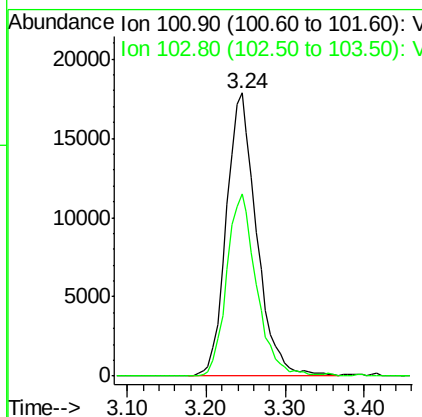
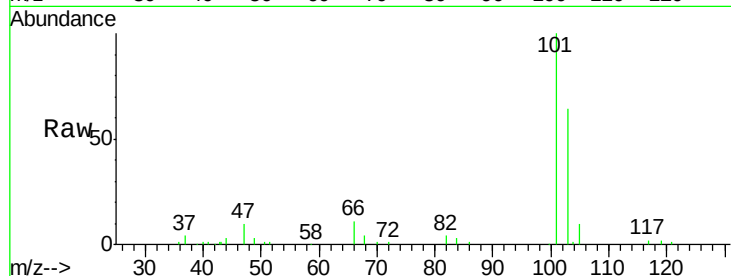
Trichlorofluoromethane
 Concen: 42.113 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	49.0	73.4

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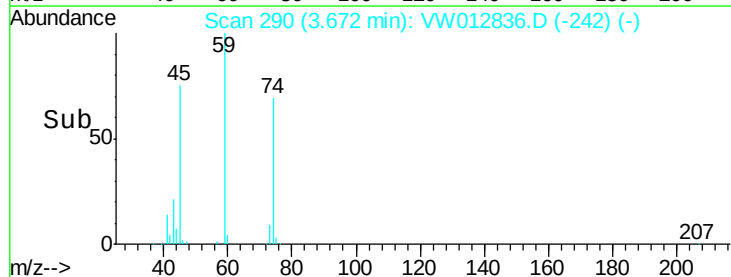
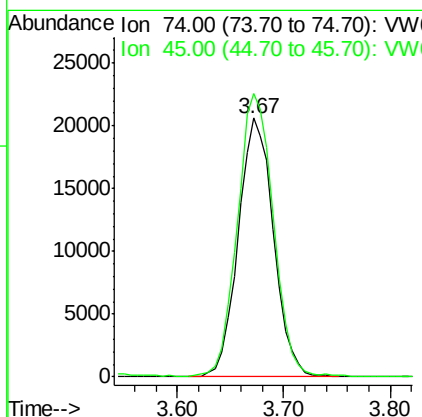
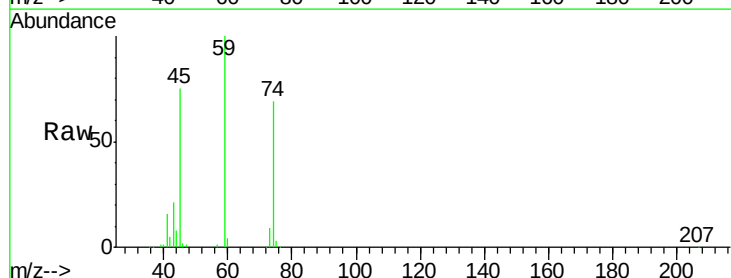
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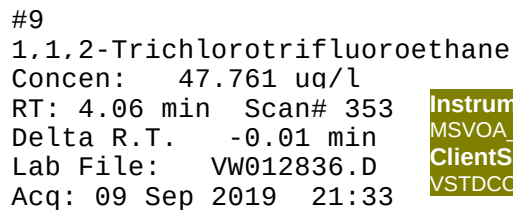


#8

Diethyl Ether
 Concen: 50.386 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	112.3	58.8	176.4



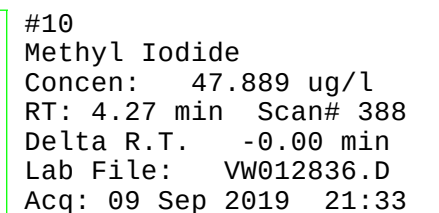
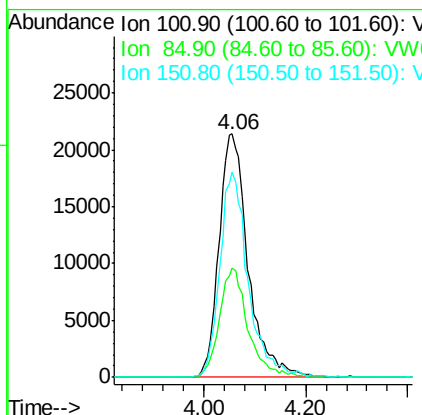


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VSTDCCC050EC

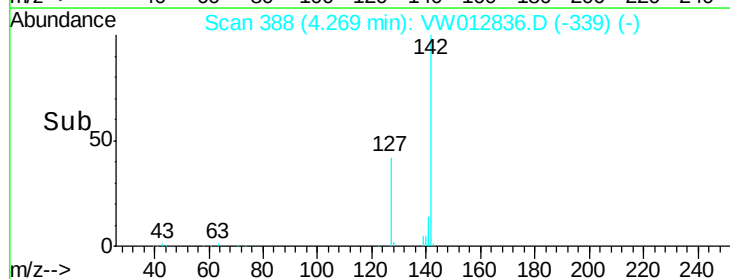
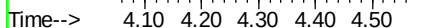
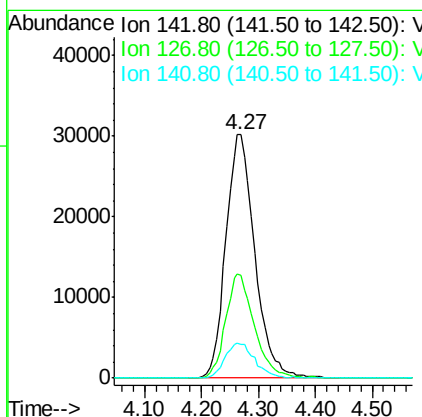
Tqt	Ion:101	Resp:	84815
Ion	Ratio	Lower	Upper
101	100		
85	43.8	36.2	54.2
151	81.6	61.9	92.9

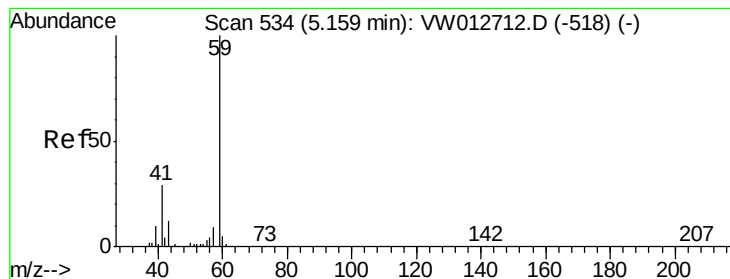
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Tgt	Ion:142	Resp:	107057
Ion	Ratio	Lower	Upper
142	100		
127	42.2	36.0	54.0
141	14.7	12.2	18.4





#11

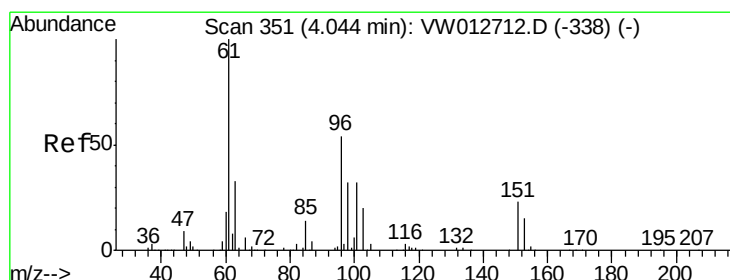
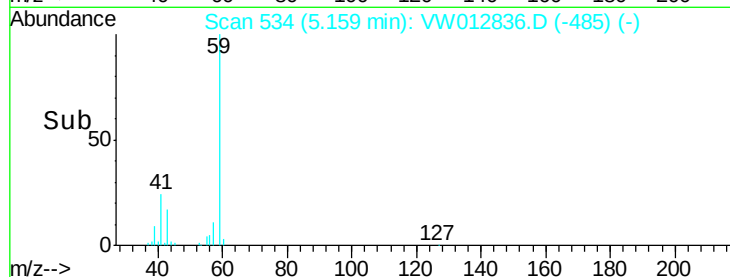
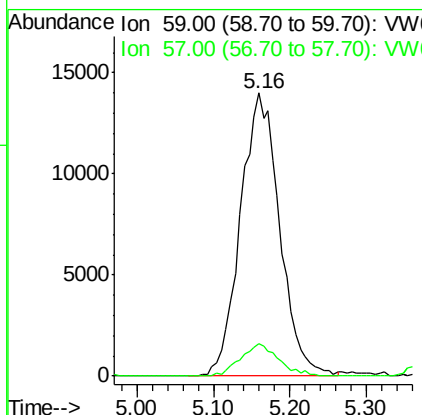
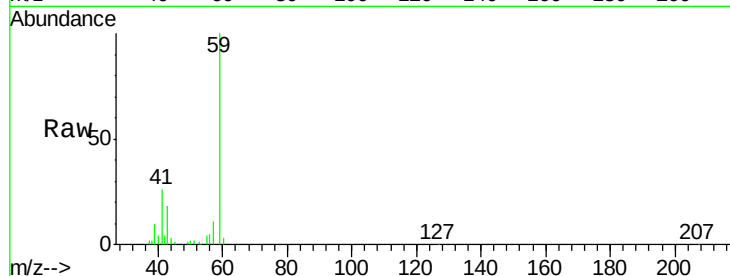
Tert butyl alcohol
 Concen: 287.287 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	49854
Ion Ratio	100	Lower	Upper
57	11.2	8.2	12.4

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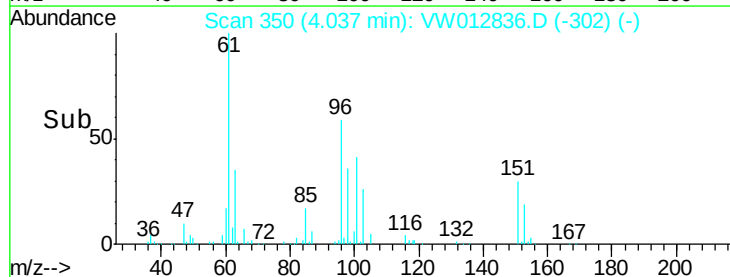
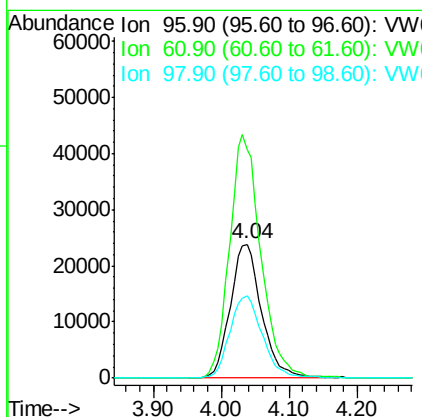
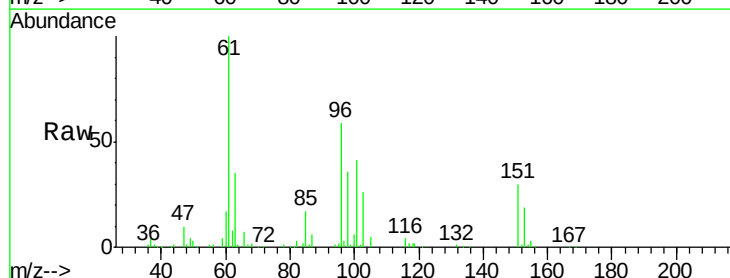
MMDadoda
 9/11/2019 8:15:42 AM

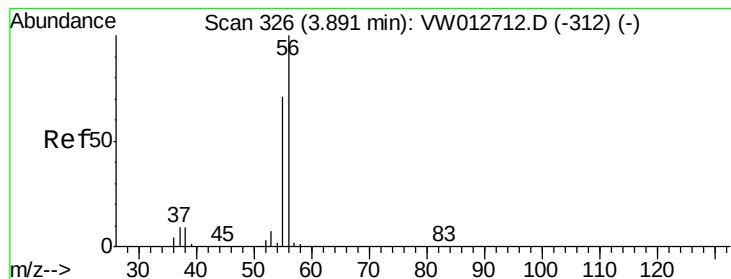


#12

1,1-Dichloroethene
 Concen: 45.499 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion	96	Resp	76273
Ion Ratio	100	Lower	Upper
61	170.3	147.8	221.6
98	61.7	47.9	71.9





#13

Acrolein

Concen: 238.092 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 43845

Ion Ratio Lower Upper

56 100

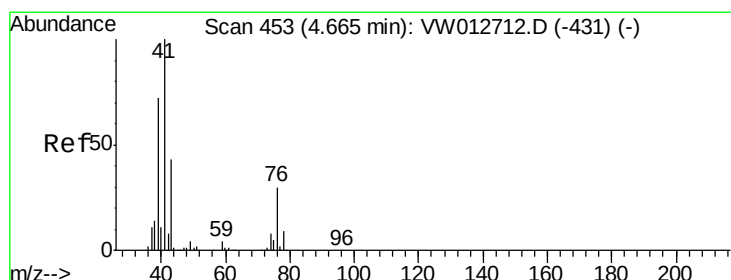
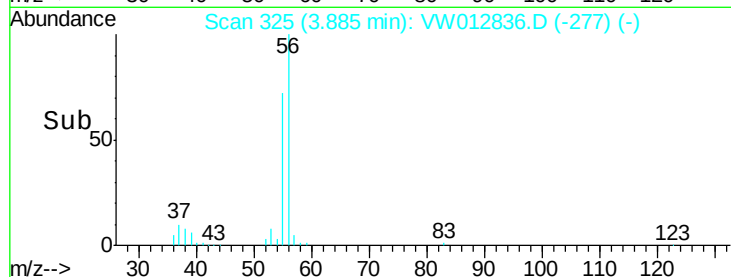
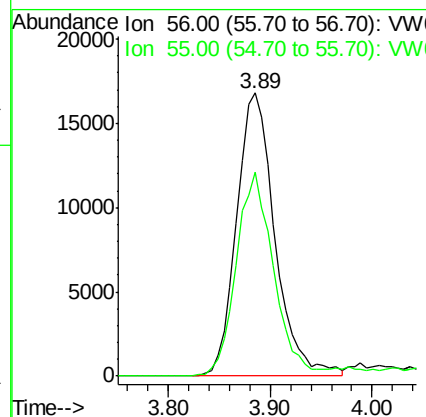
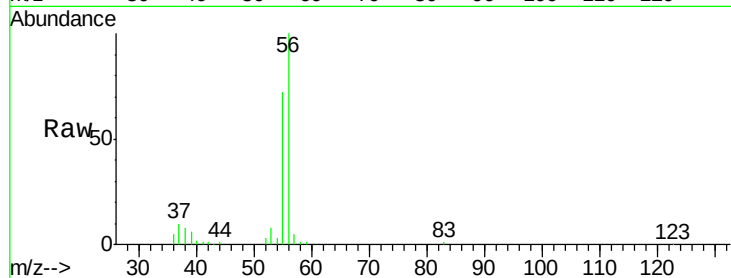
55 69.6 56.9 85.3

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#14

Allyl chloride

Concen: 43.696 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

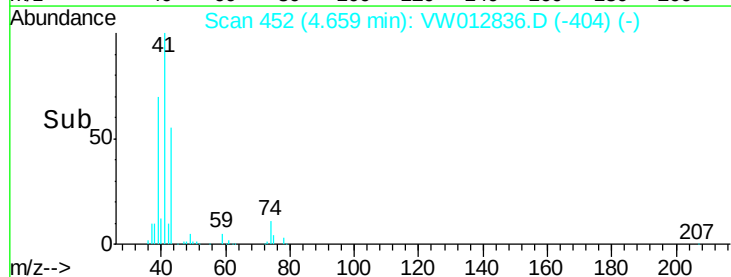
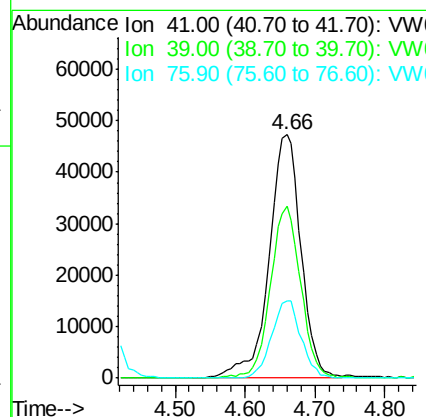
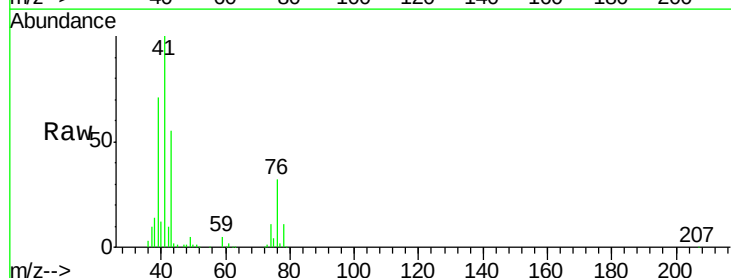
Tgt Ion: 41 Resp: 151531

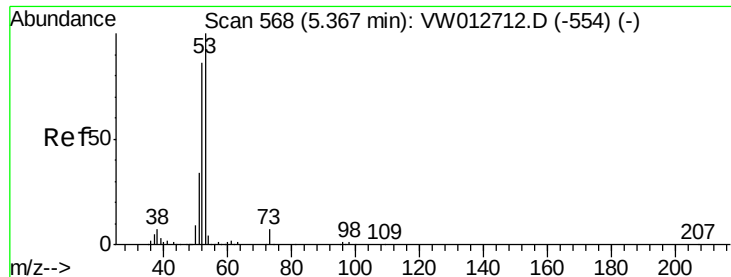
Ion Ratio Lower Upper

41 100

39 67.0 55.0 82.6

76 29.3 23.0 34.4





#15

Acrylonitrile

Concen: 272.669 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

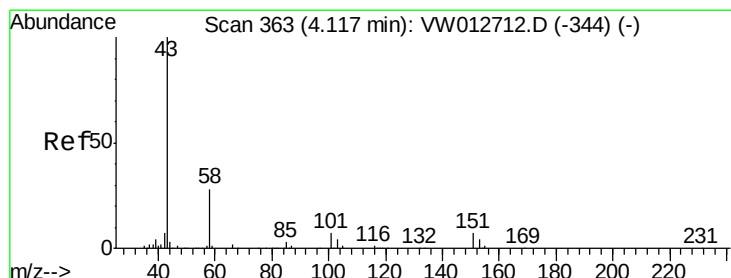
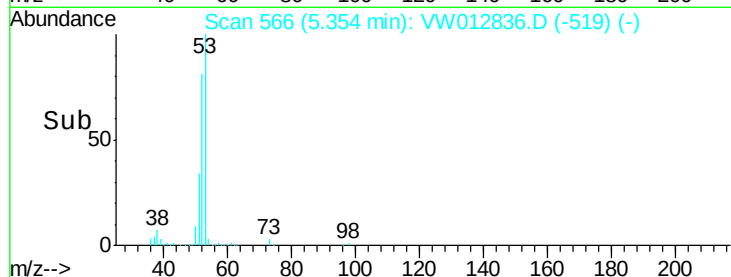
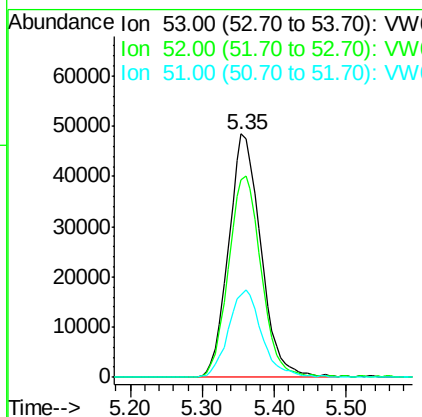
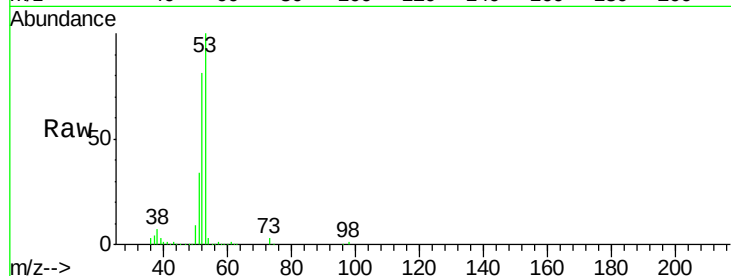
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	151469
Ion	Ratio	Lower	Upper
53	100		
52	83.4	67.0	100.4
51	37.1	29.8	44.8

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#16

Acetone

Concen: 225.760 ug/l

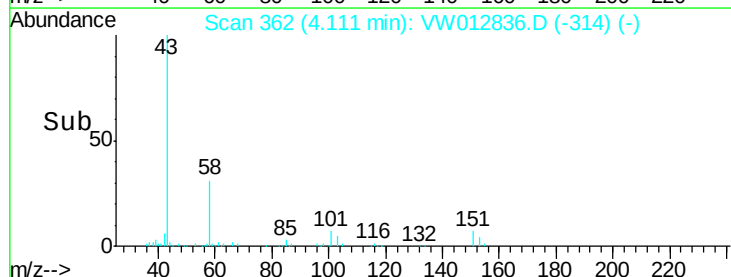
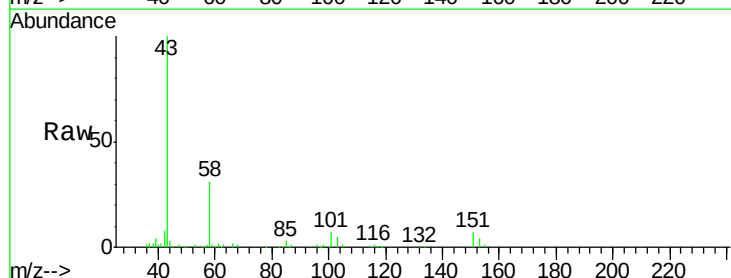
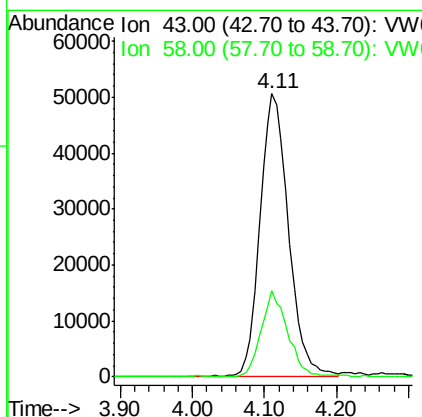
RT: 4.11 min Scan# 362

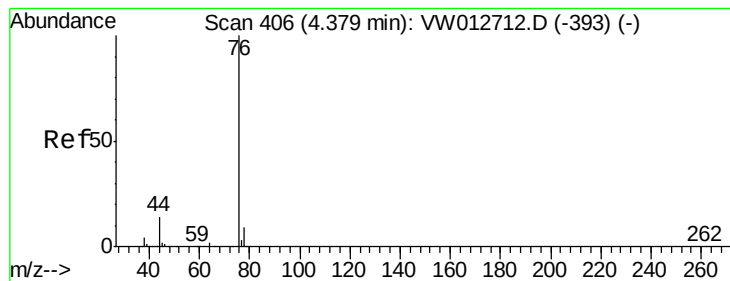
Delta R.T. -0.01 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Tgt Ion:	43	Resp:	139594
Ion	Ratio	Lower	Upper
43	100		
58	30.2	22.6	33.8





#17

Carbon Disulfide

Concen: 41.074 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 146154

Ion Ratio Lower Upper

76 100

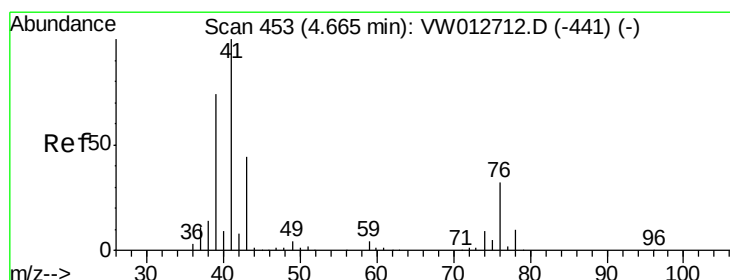
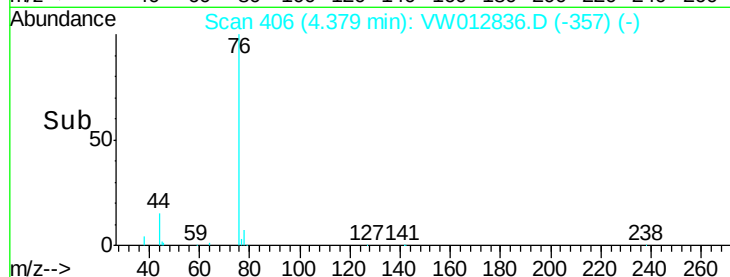
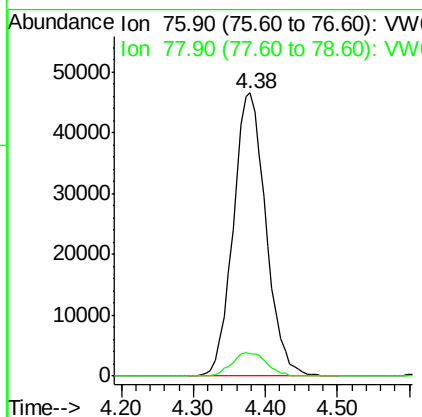
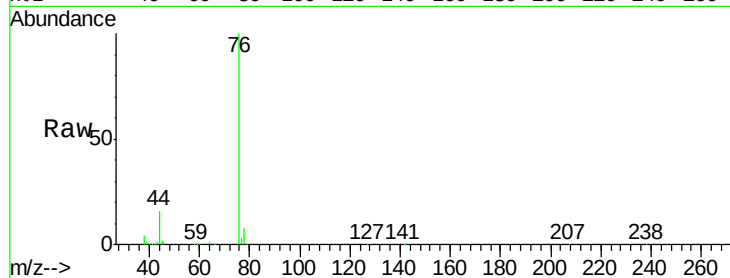
78 7.8 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 55.077 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012836.D

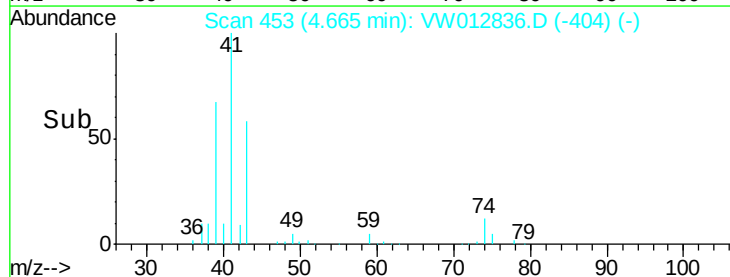
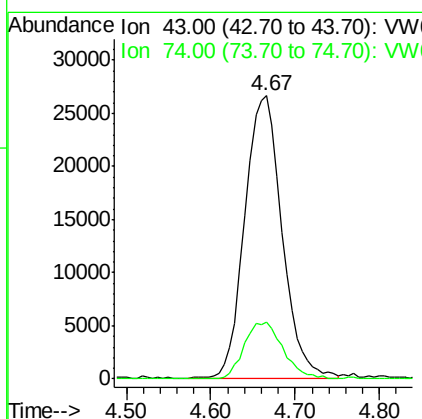
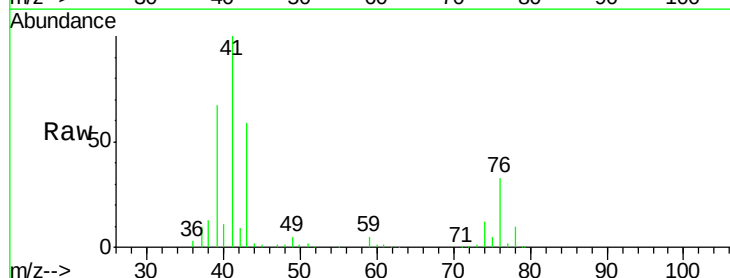
Acq: 09 Sep 2019 21:33

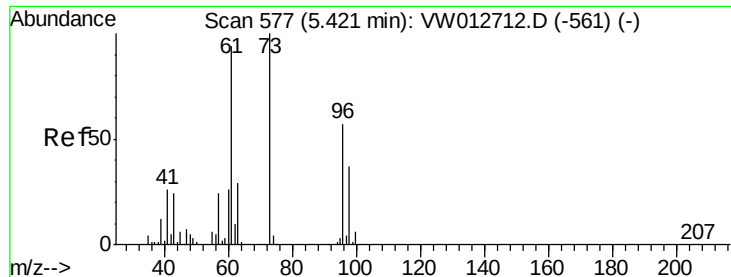
Tgt Ion: 43 Resp: 79901

Ion Ratio Lower Upper

43 100

74 20.9 15.8 23.6





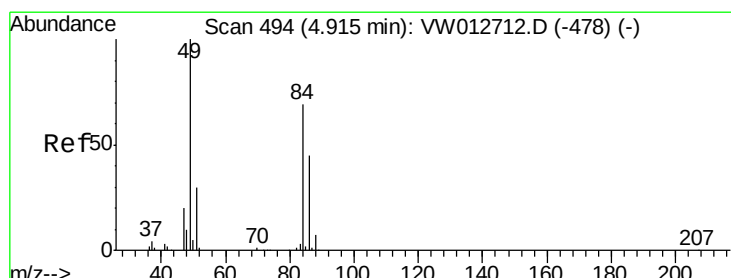
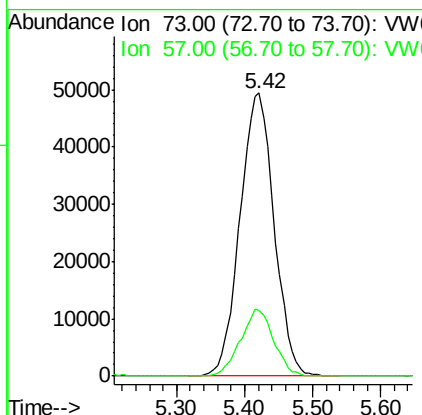
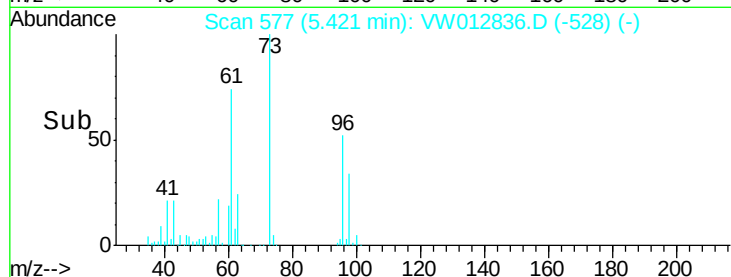
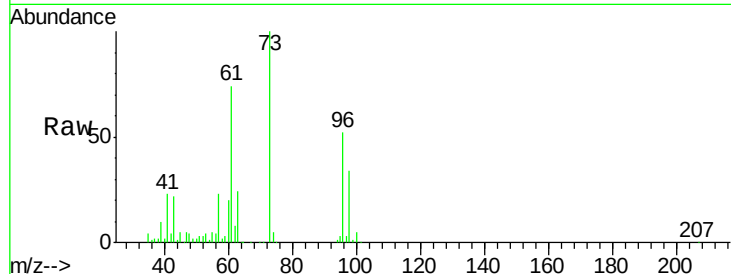
#19
Methyl tert-butyl Ether
Concen: 51.899 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 172542
Ion Ratio Lower Upper
73 100
57 23.2 19.2 28.8

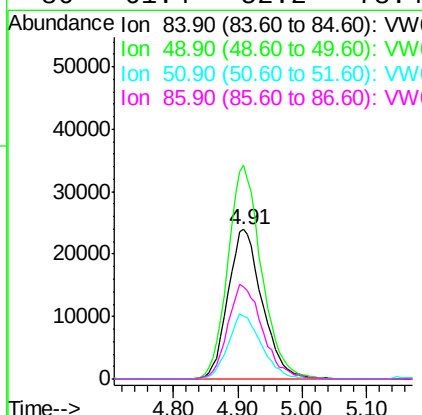
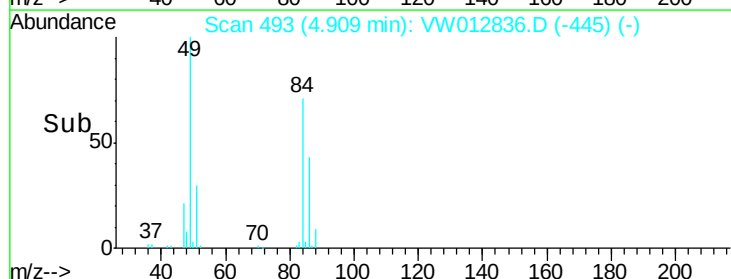
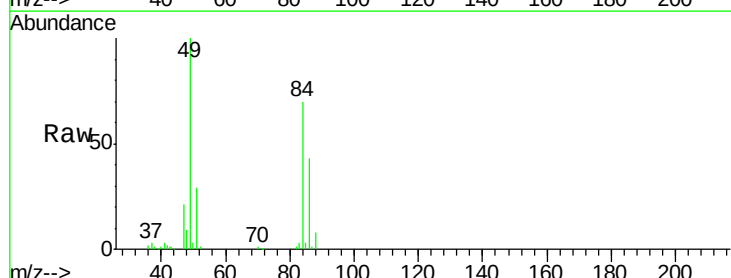
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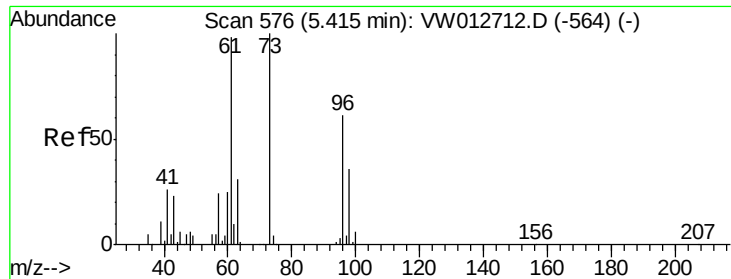
MMDadoda
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#20
Methylene Chloride
Concen: 46.109 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion: 84 Resp: 89196
Ion Ratio Lower Upper
84 100
49 142.8 115.4 173.0
51 42.1 34.9 52.3
86 61.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 46.849 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

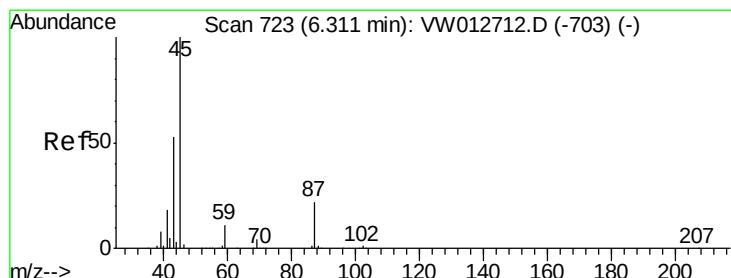
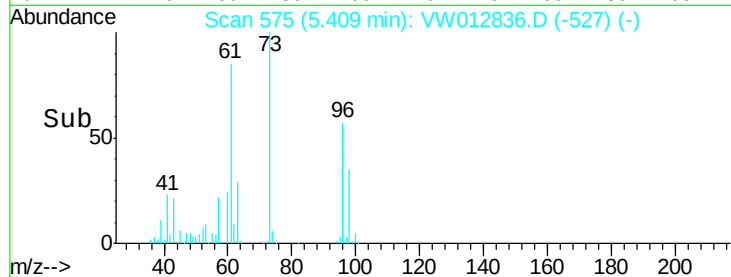
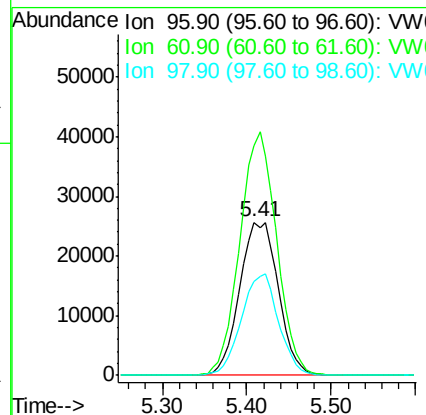
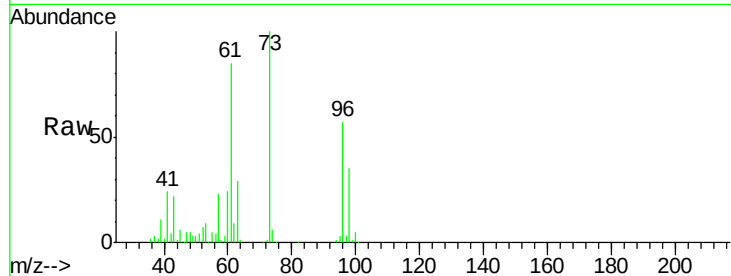
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	80134
Ion	Ratio	Lower	Upper
96	100		
61	149.9	129.2	193.8
98	61.4	48.0	72.0

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#22

Diisopropyl ether

Concen: 48.172 ug/l

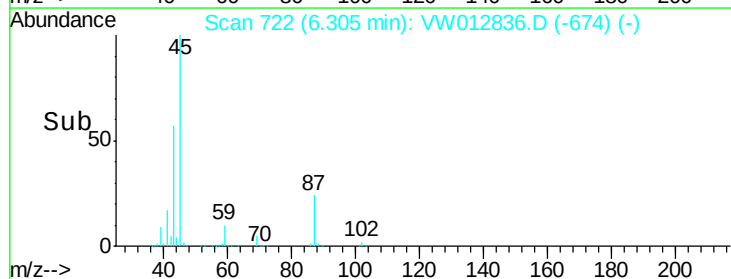
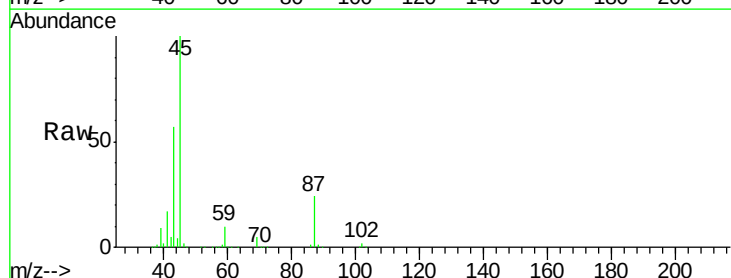
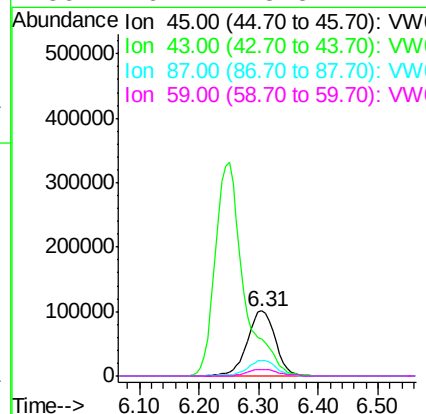
RT: 6.31 min Scan# 722

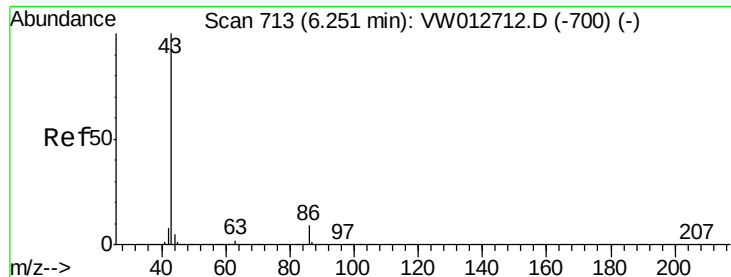
Delta R.T. -0.01 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Tgt Ion:	45	Resp:	331320
Ion	Ratio	Lower	Upper
45	100		
43	56.3	42.3	63.5
87	24.4	18.2	27.2
59	10.4	8.5	12.7





#23

Vinyl Acetate

Concen: 250.632 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Tot Ion: 43 Resp: 1092465

Ion Ratio Lower Upper

43 100

86 9.5 7.0 10.6

Instrument :

MSVOA_W

ClientSampleId :

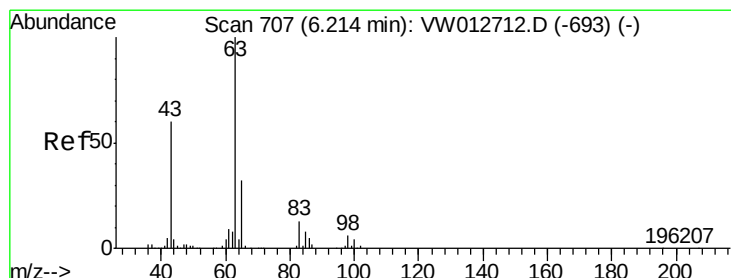
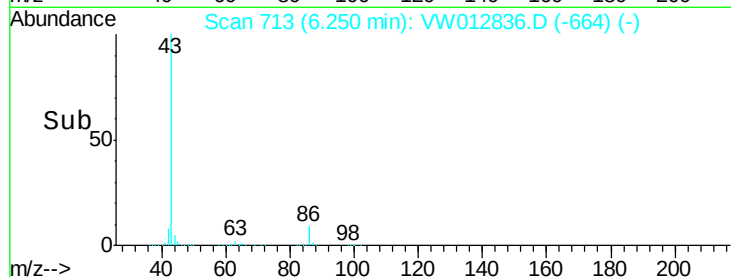
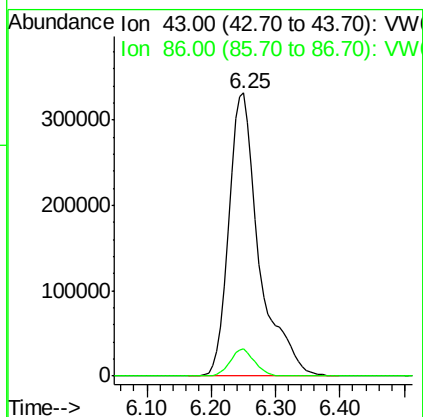
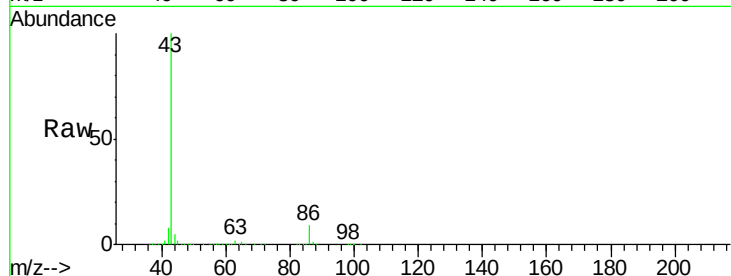
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 46.526 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

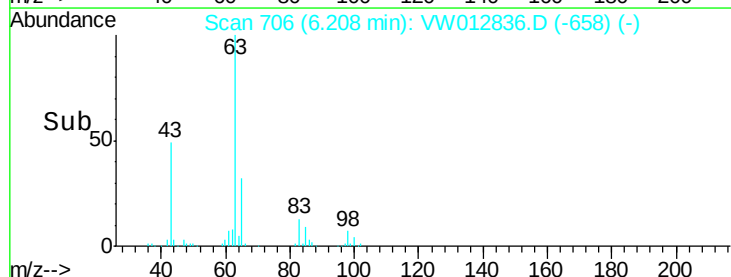
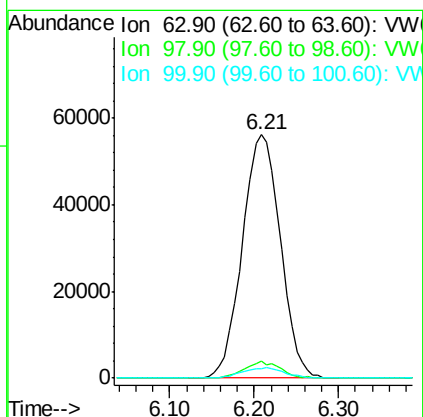
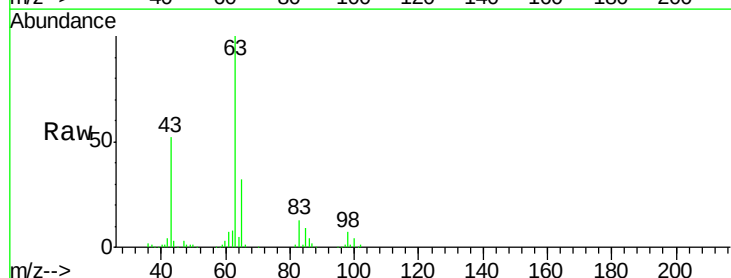
Tgt Ion: 63 Resp: 172301

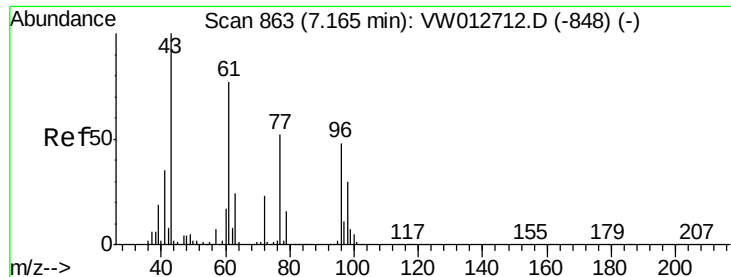
Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.3

100 4.1 1.8 5.5





#25

2-Butanone

Concen: 237.062 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 214823

Ion Ratio Lower Upper

43 100

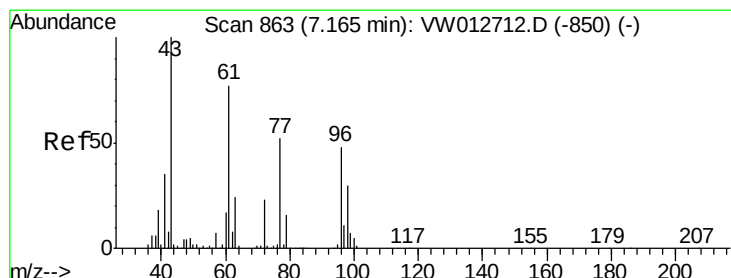
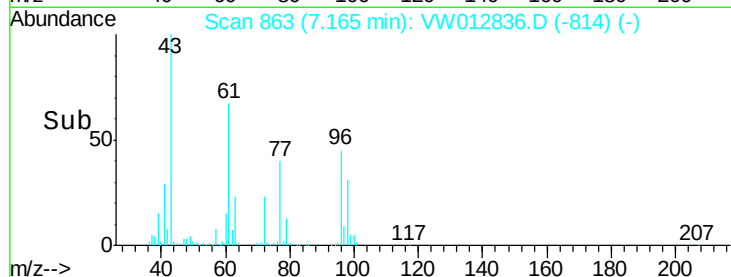
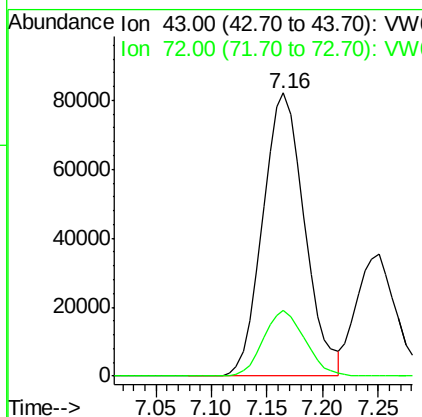
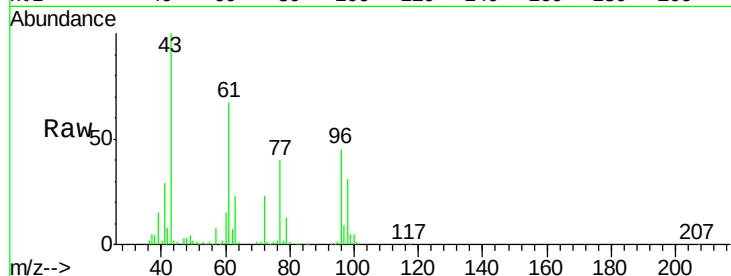
72 23.0 18.0 27.0

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#26

2,2-Dichloropropane

Concen: 43.205 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012836.D

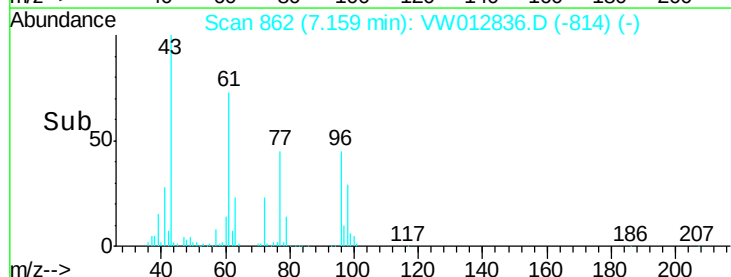
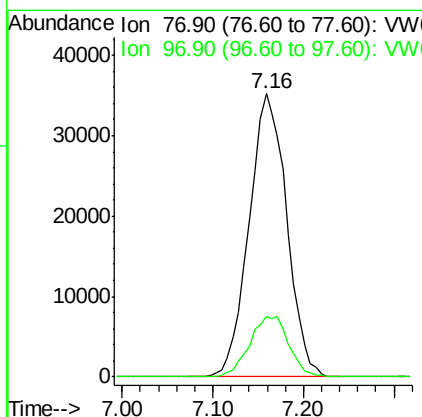
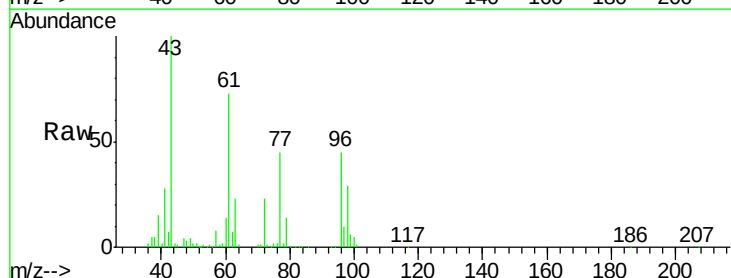
Acq: 09 Sep 2019 21:33

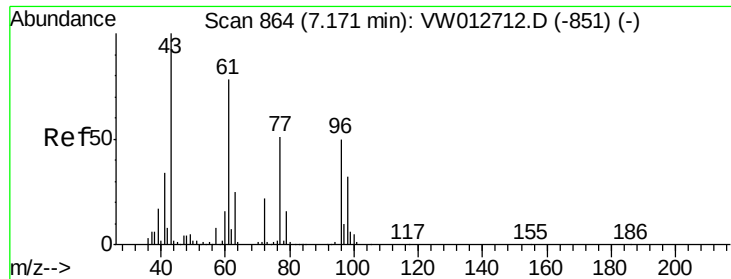
Tgt Ion: 77 Resp: 101056

Ion Ratio Lower Upper

77 100

97 22.2 10.7 32.1





#27

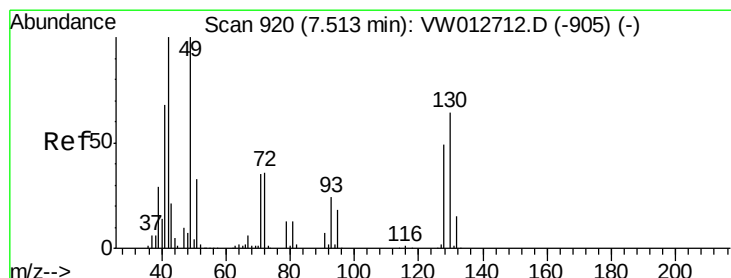
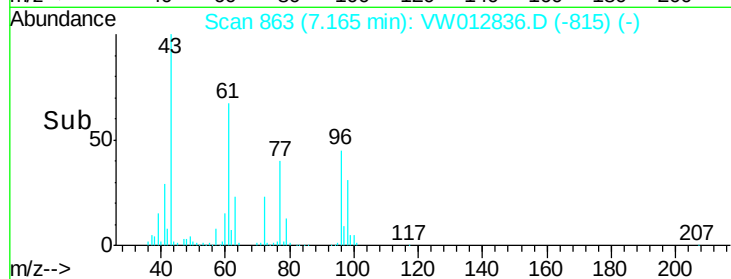
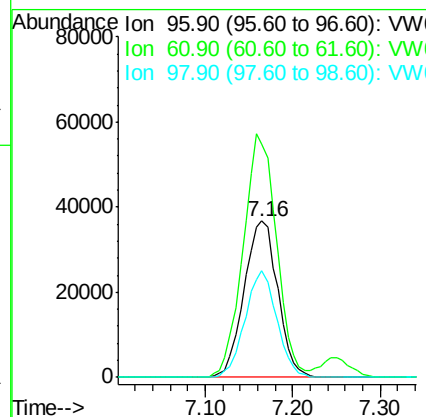
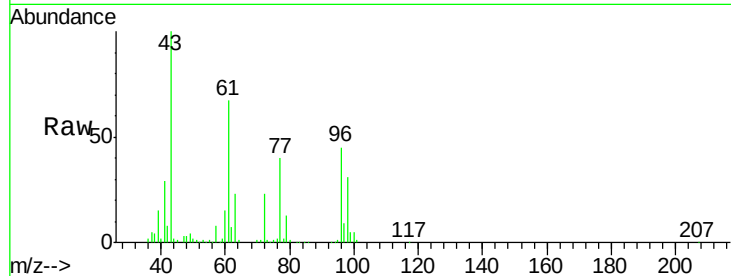
cis-1,2-Dichloroethene
 Concen: 49.376 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	155.0	0.0	325.8	
98	64.6	0.0	127.0	

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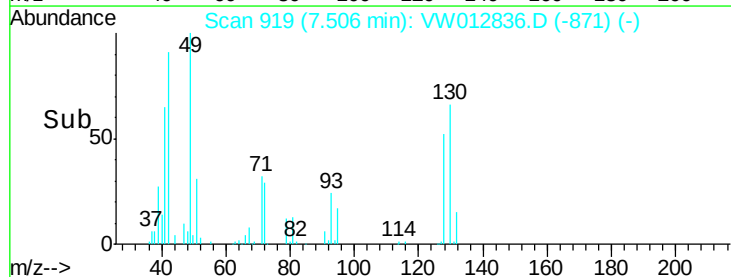
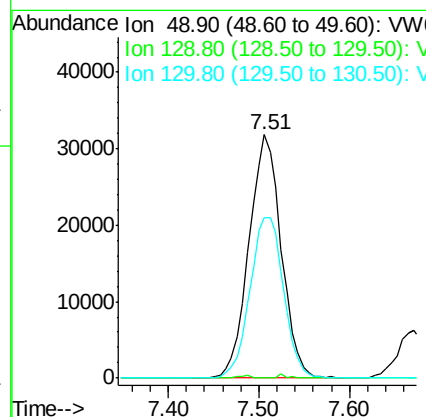
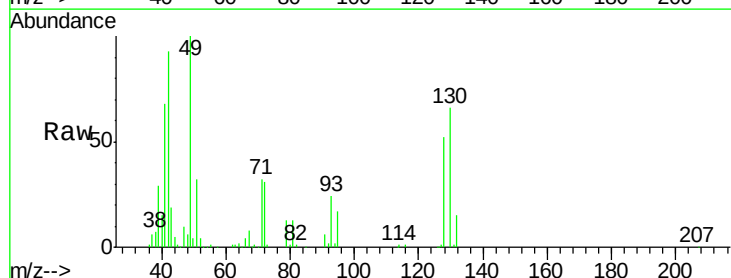
MMDadoda
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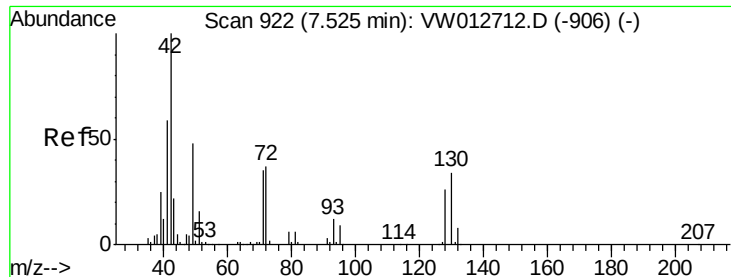


#28

Bromochloromethane
 Concen: 45.936 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.4	0.0	0.8	
130	69.0	49.8	74.8	





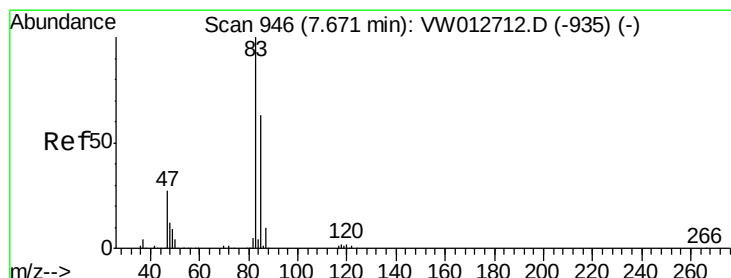
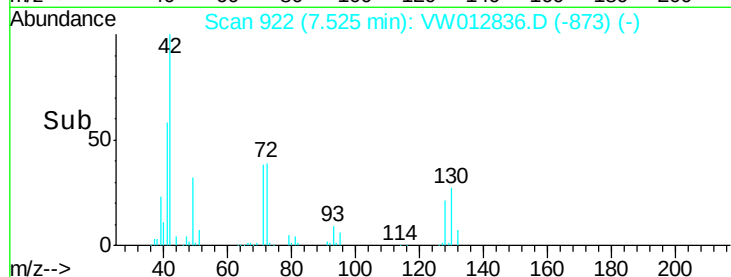
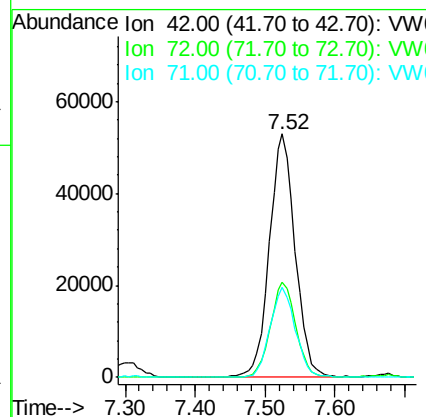
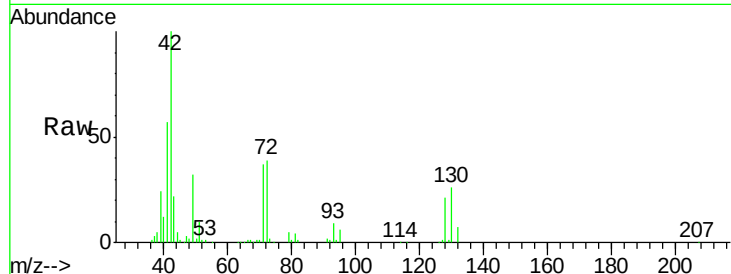
#29
Tetrahydrofuran
Concen: 271.328 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	28.4	42.6
71	36.4	27.1	40.7

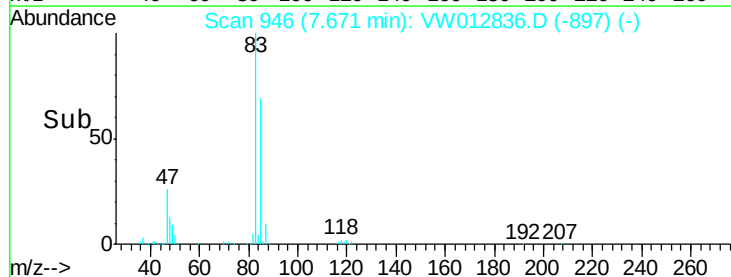
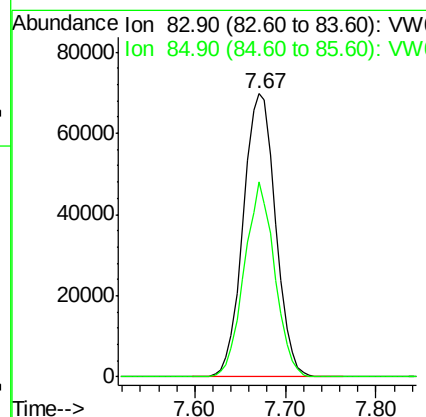
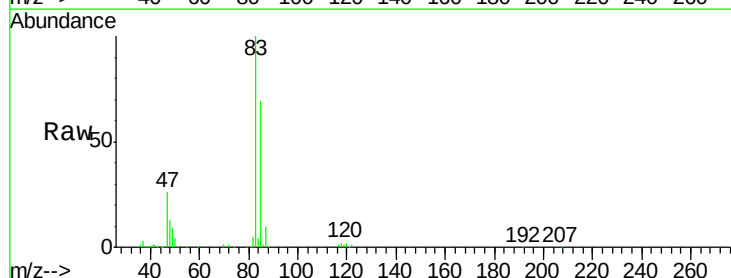
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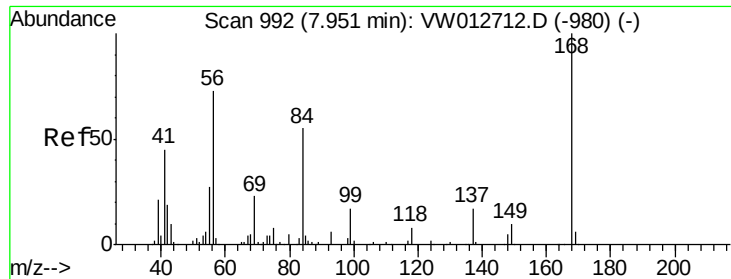
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#30
Chloroform
Concen: 46.882 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.7	50.6	76.0





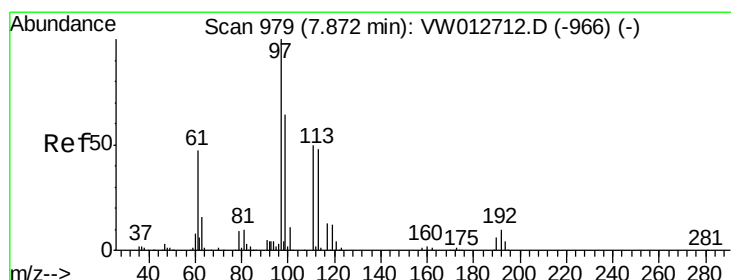
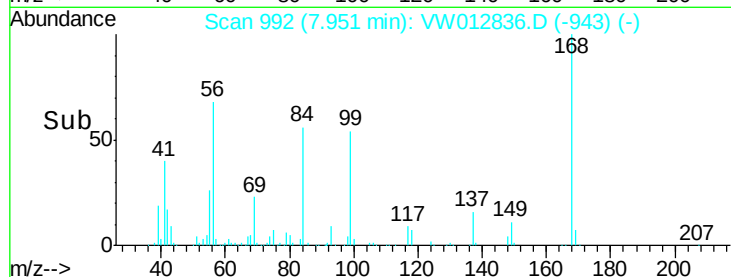
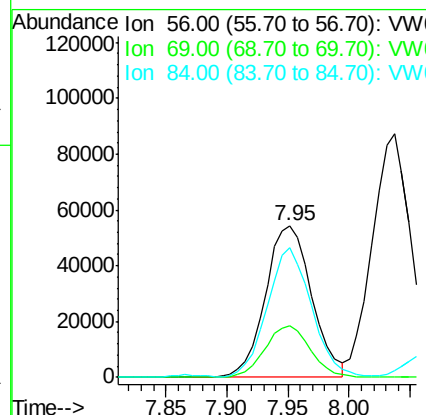
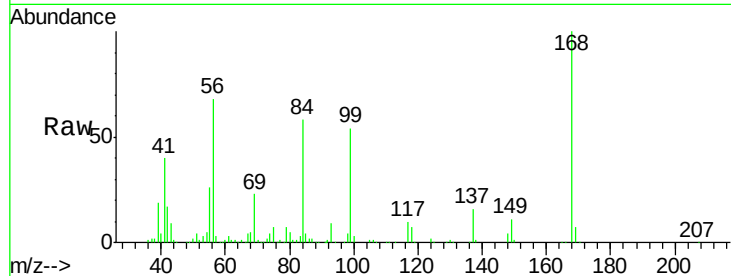
#31
Cyclohexane
Concen: 42.863 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.1	25.7	38.5
84	83.7	60.4	90.6

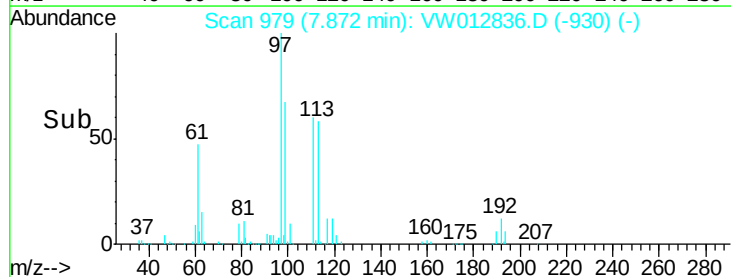
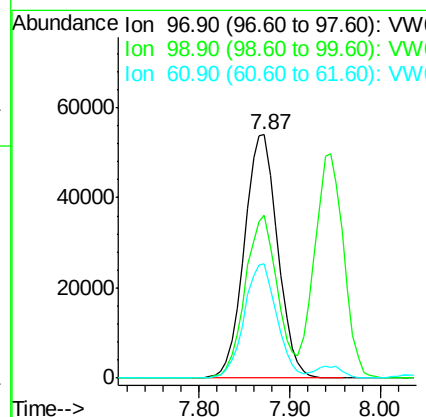
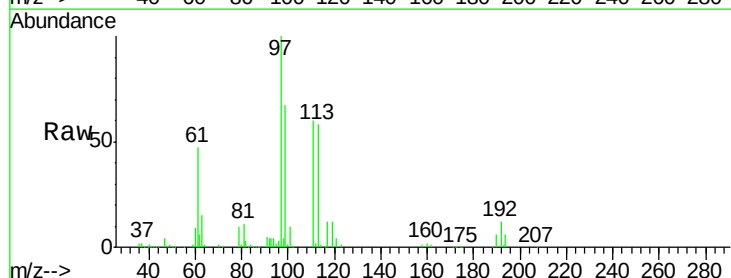
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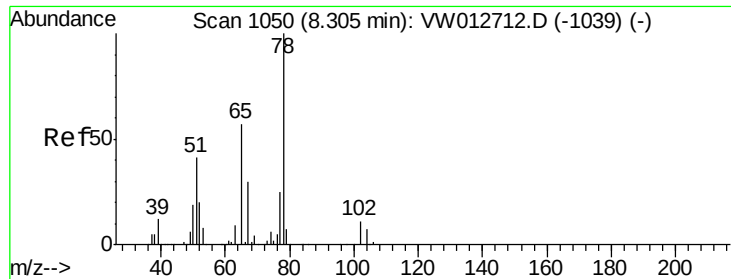
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#32
1,1,1-Trichloroethane
Concen: 46.420 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.5	77.3
61	45.8	37.9	56.9





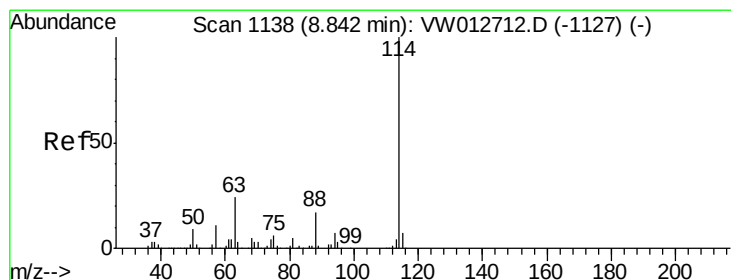
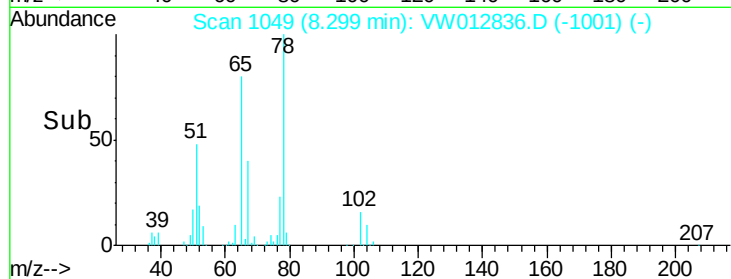
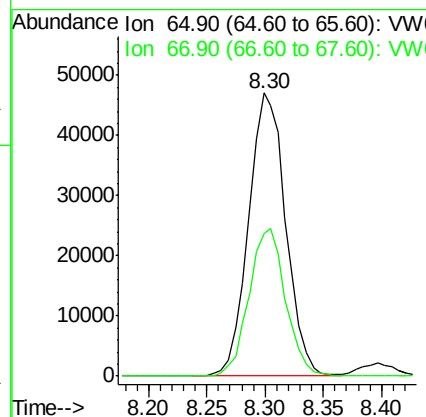
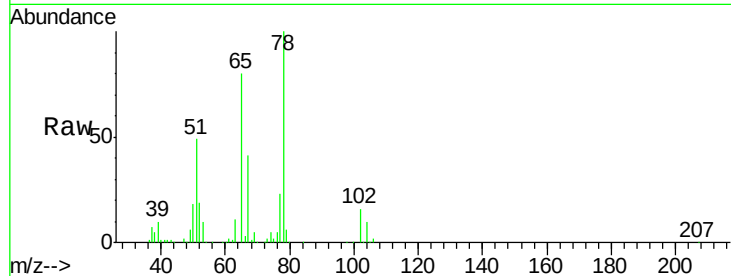
#33
 1,2-Dichloroethane-d4
 Concen: 46.211 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	104812		
67	51.4	0.0	101.8	

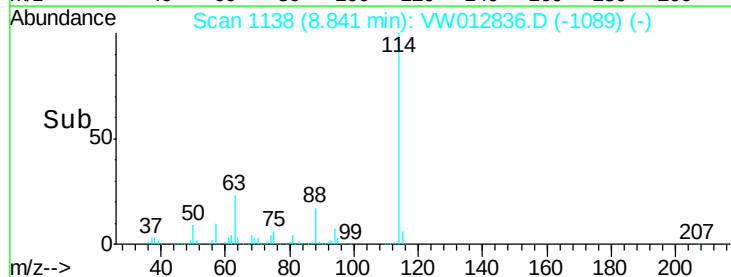
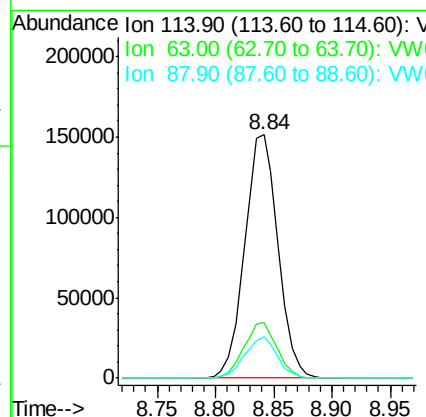
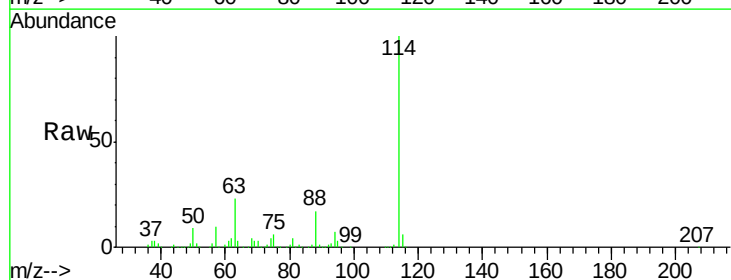
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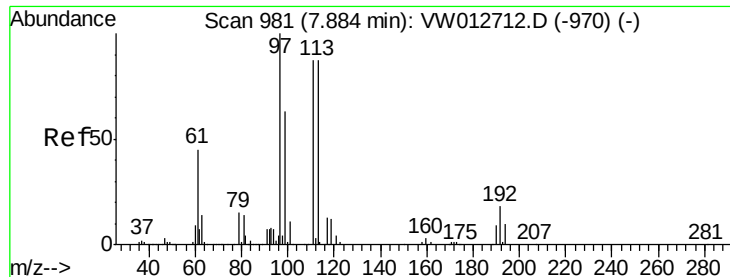
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	300482		
63	22.9	0.0	47.2	
88	17.2	0.0	34.0	





#35

Dibromofluoromethane

Concen: 47.135 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

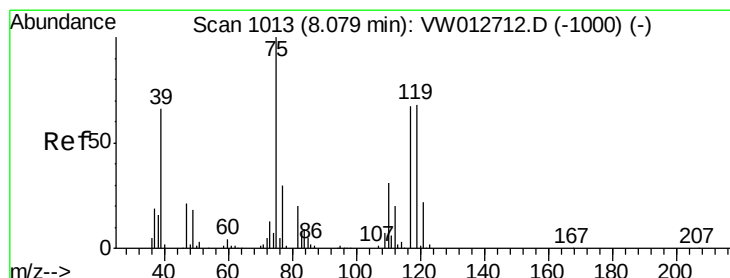
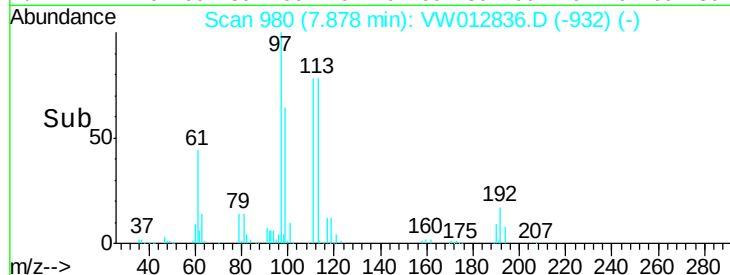
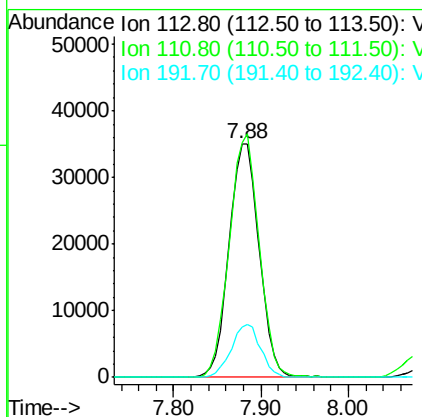
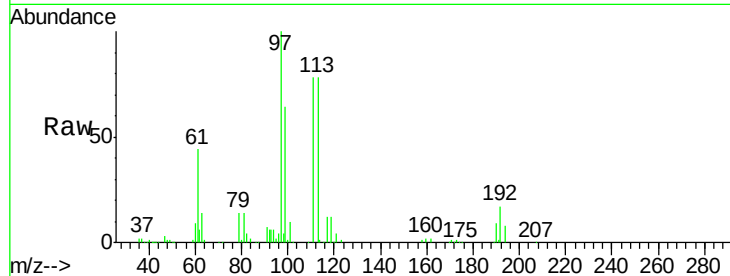
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	84204
Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.2	120.4
192	22.1	17.3	25.9

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#36

1,1-Dichloropropene

Concen: 47.361 ug/l

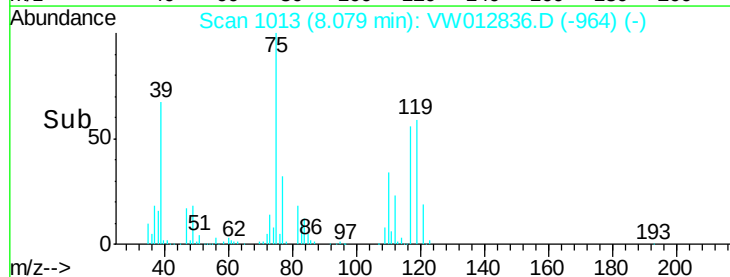
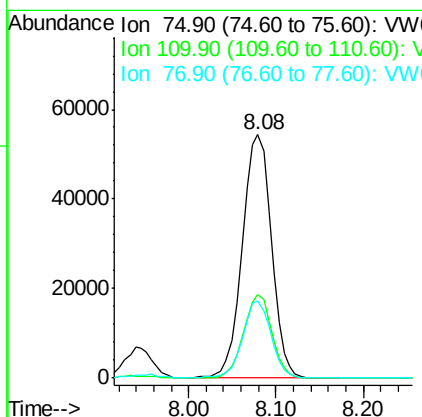
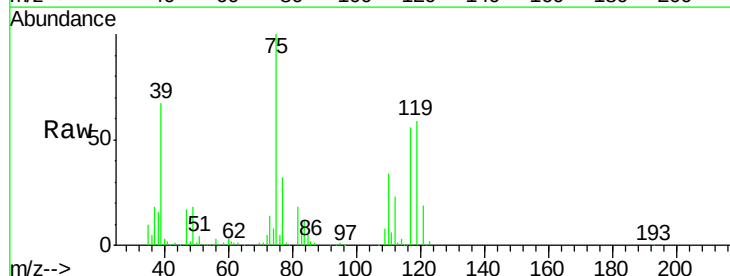
RT: 8.08 min Scan# 1013

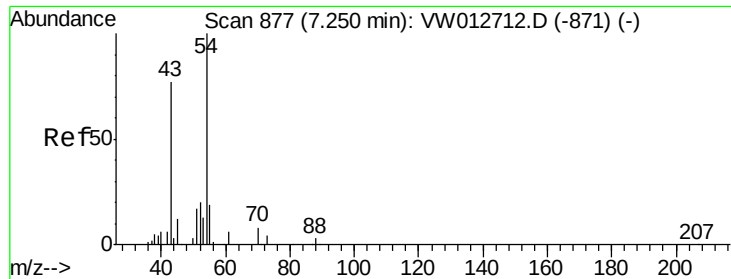
Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Tgt Ion:	75	Resp:	126446
Ion	Ratio	Lower	Upper
75	100		
110	33.0	15.9	47.7
77	30.7	25.0	37.4





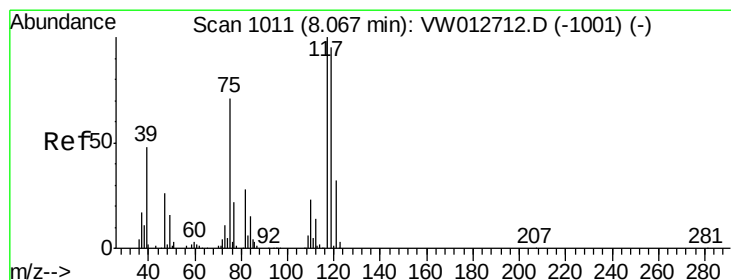
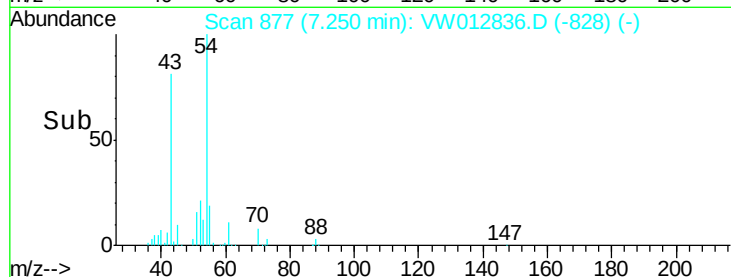
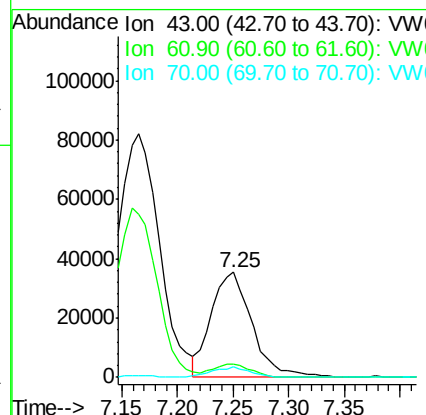
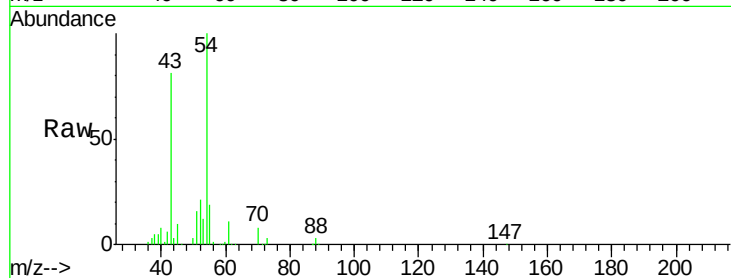
#37
Ethyl Acetate
Concen: 52.136 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.5	14.3
70	9.4	7.0	10.6

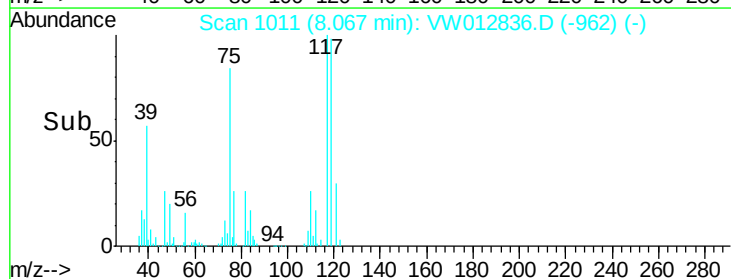
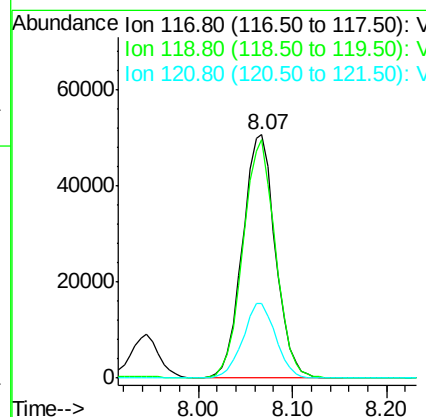
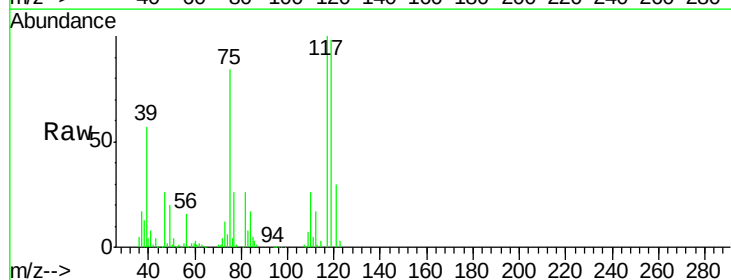
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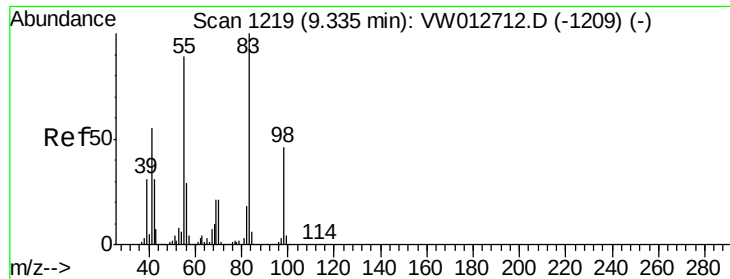
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#38
Carbon Tetrachloride
Concen: 46.959 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.2	114.2
121	30.4	25.4	38.2





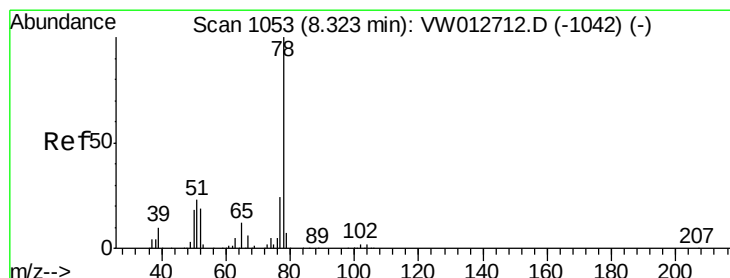
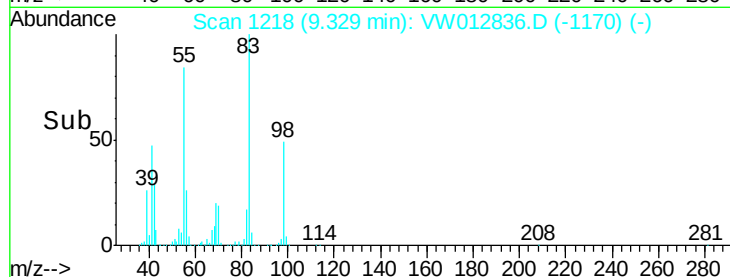
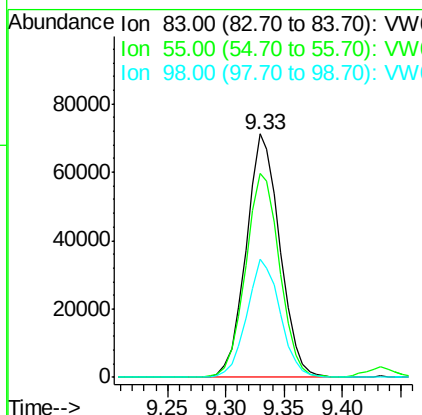
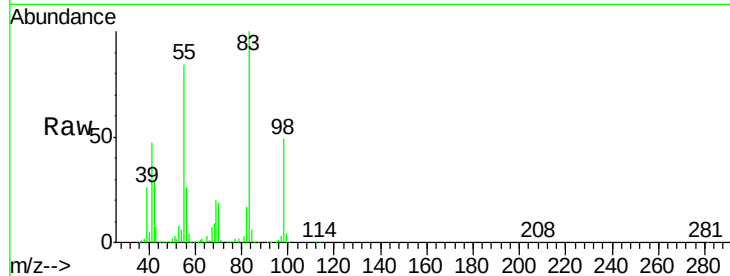
#39
Methylvlcyclohexane
Concen: 47.725 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.6	71.0	106.4
98	48.8	36.9	55.3

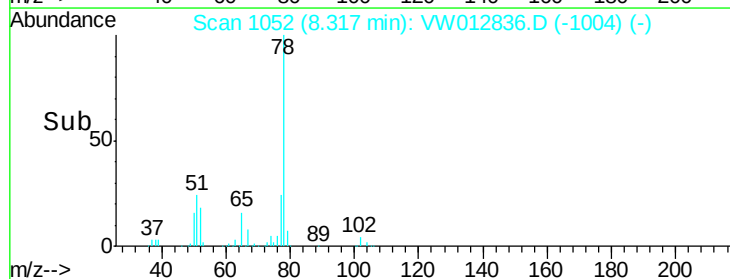
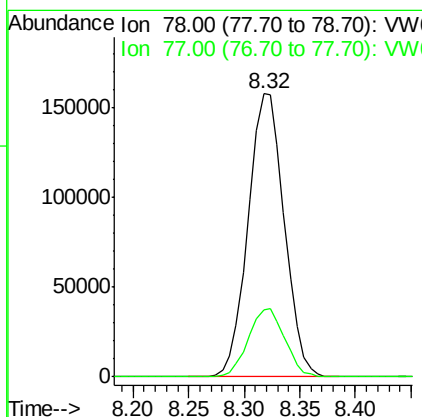
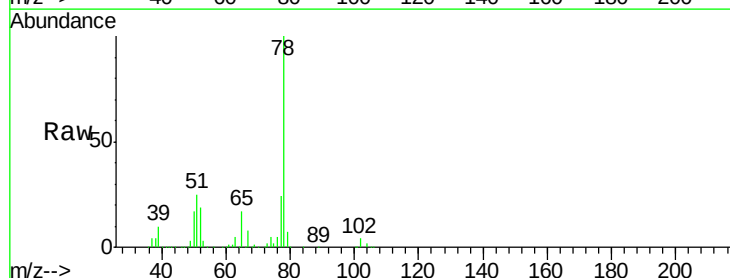
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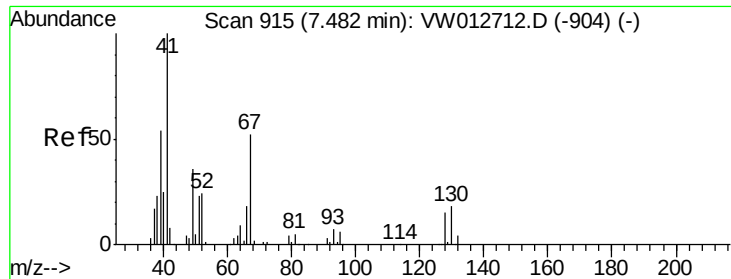
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#40
Benzene
Concen: 48.317 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9





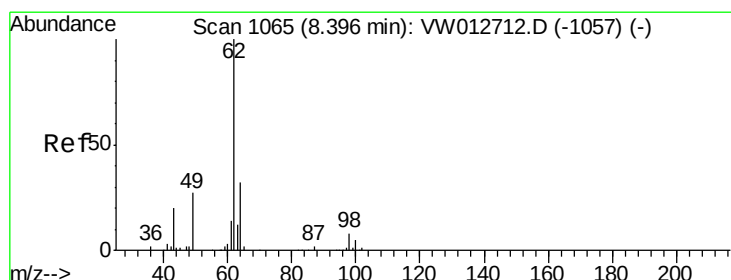
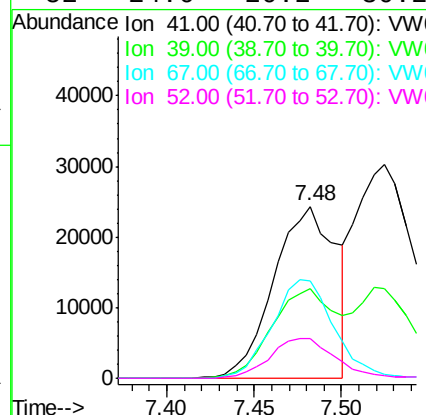
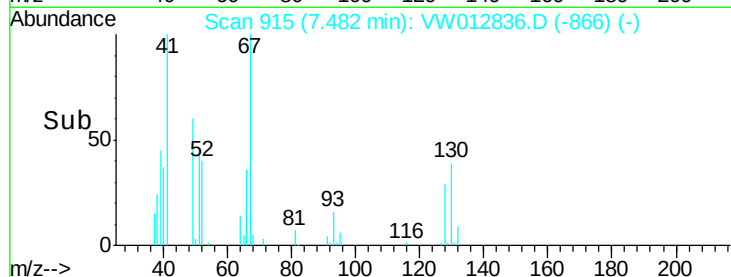
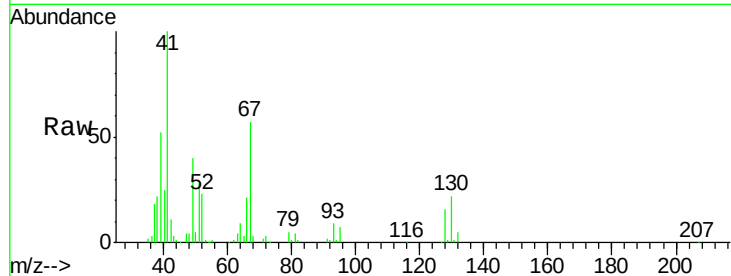
#41
Methacrylonitrile
Concen: 52.151 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.6	47.5	71.3
67	56.9	45.1	67.7
52	24.6	20.2	30.2

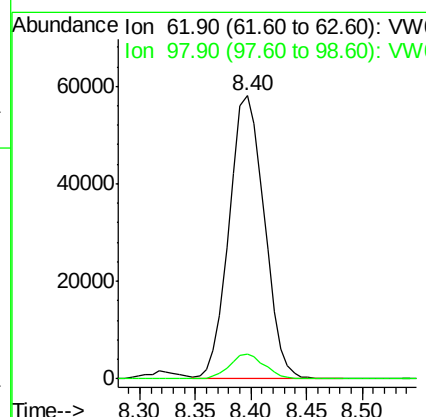
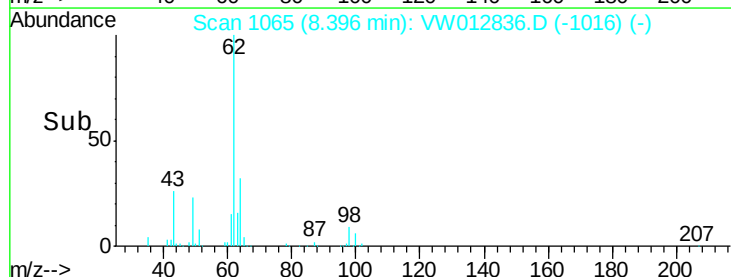
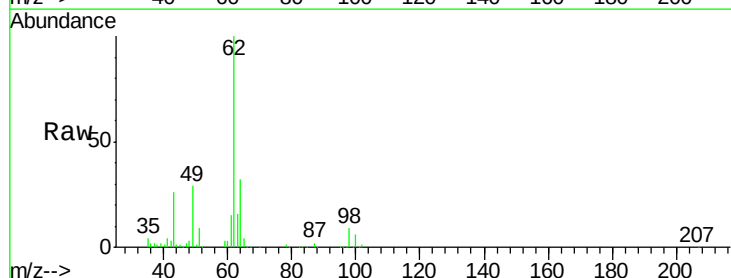
Manual Integrations
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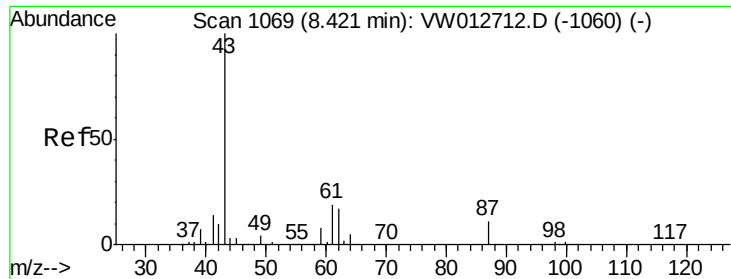
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#42
1,2-Dichloroethane
Concen: 48.964 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.2





#43

Isopropyl Acetate

Concen: 53.187 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

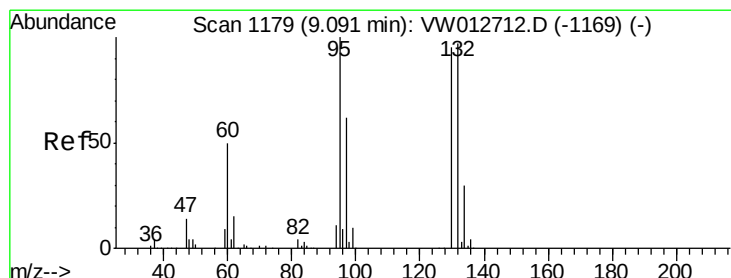
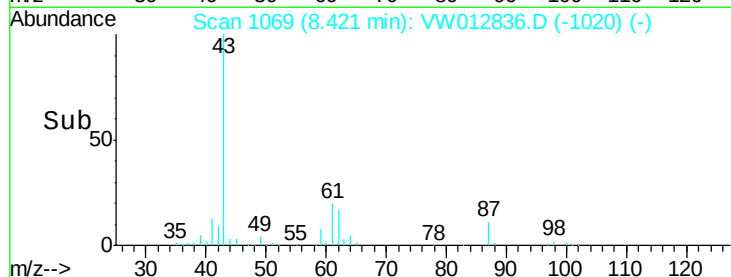
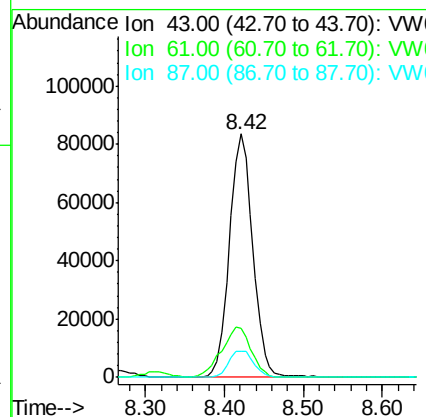
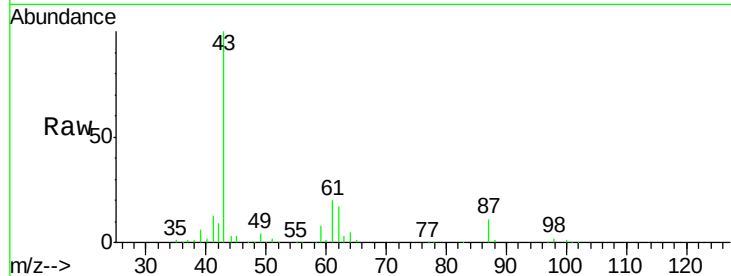
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	171500
Ion	Ratio	Lower	Upper
43	100		
61	26.6	20.6	30.8
87	11.7	8.6	13.0

Manual Integrations
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9/11/2019 8:15:42 AM



#44

Trichloroethene

Concen: 49.185 ug/l

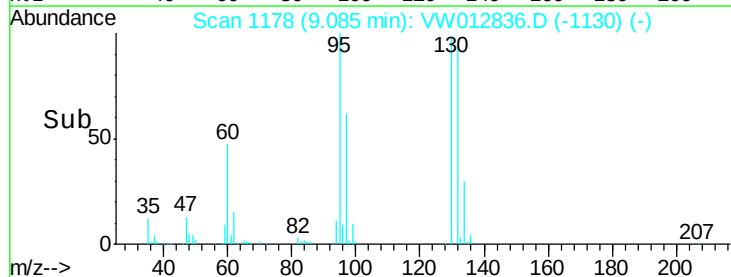
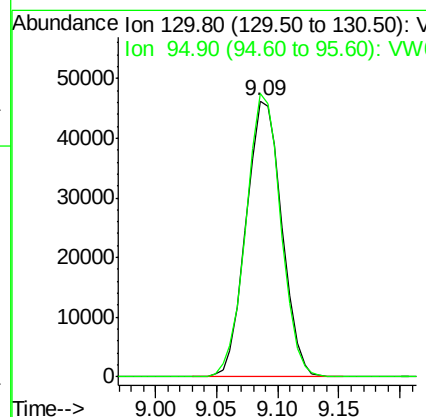
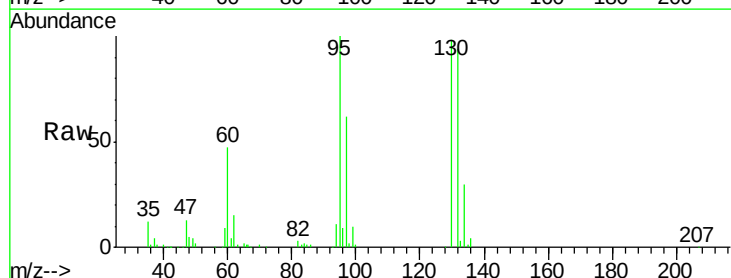
RT: 9.09 min Scan# 1178

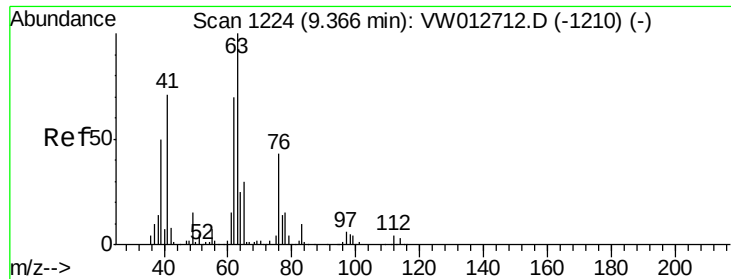
Delta R.T. -0.01 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Tgt Ion:	130	Resp:	93917
Ion	Ratio	Lower	Upper
130	100		
95	102.5	0.0	210.6





#45

1,2-Dichloropropane

Concen: 48.752 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 100162

Ion Ratio Lower Upper

63 100

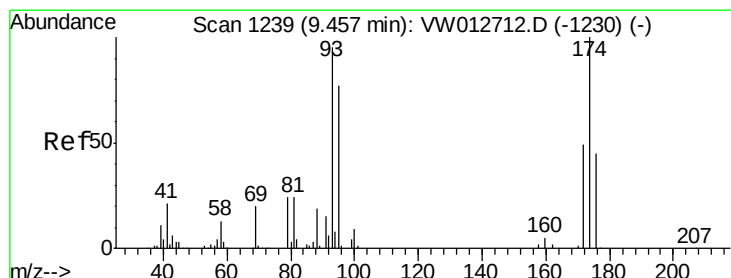
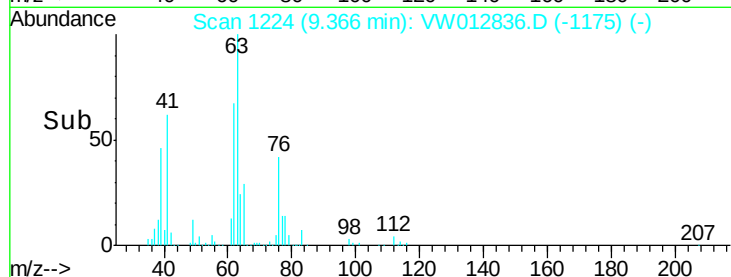
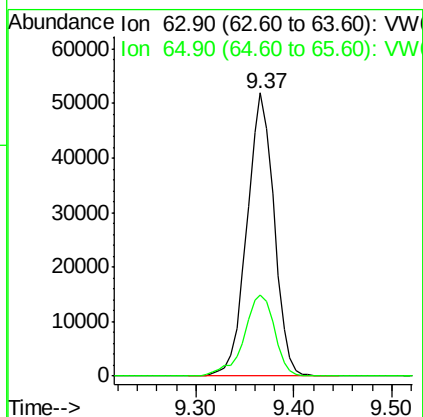
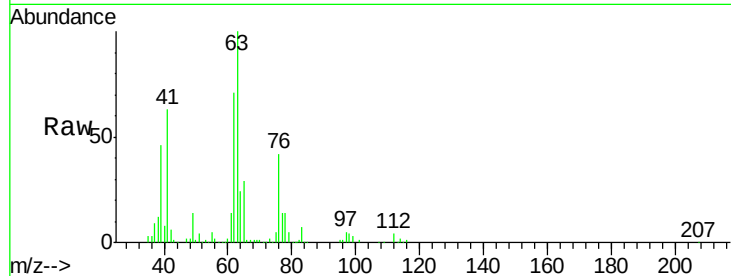
65 28.9 23.8 35.8

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#46

Dibromomethane

Concen: 52.198 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

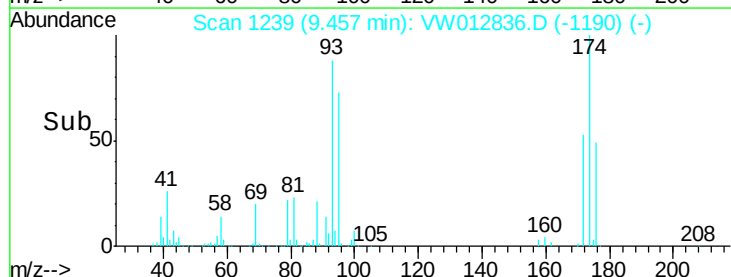
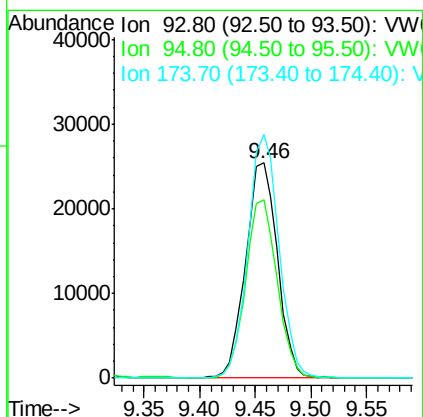
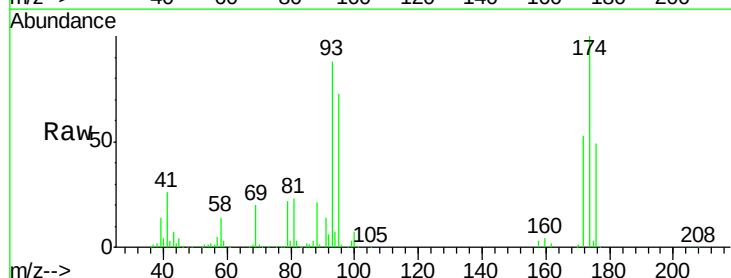
Tgt Ion: 93 Resp: 50783

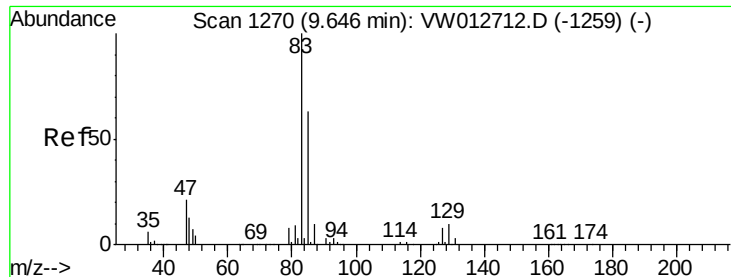
Ion Ratio Lower Upper

93 100

95 81.8 65.2 97.8

174 110.5 84.2 126.4





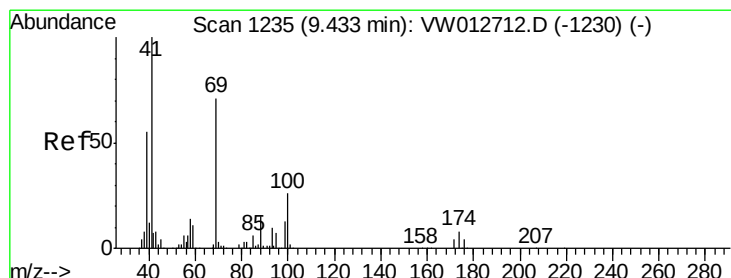
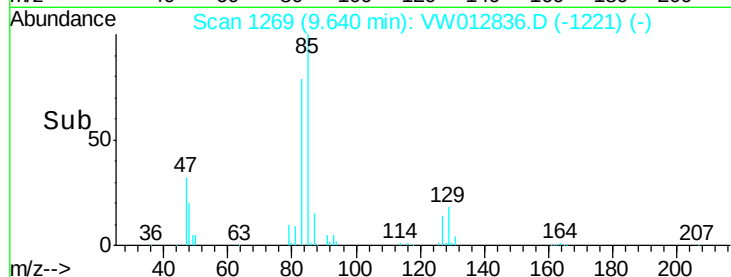
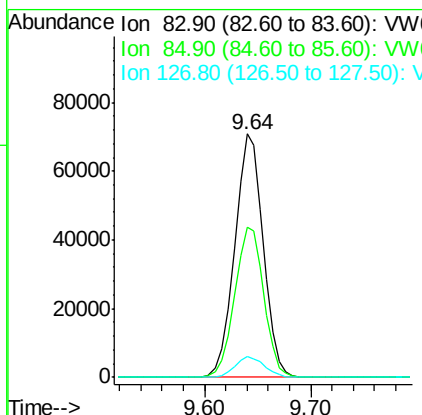
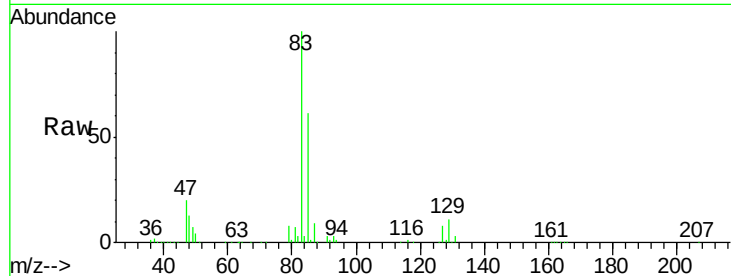
#47
Bromodichloromethane
Concen: 49.587 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	132725		
85	61.5	50.2	75.2	
127	8.4	6.6	9.8	

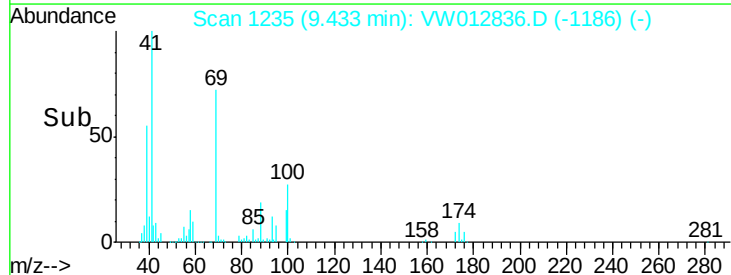
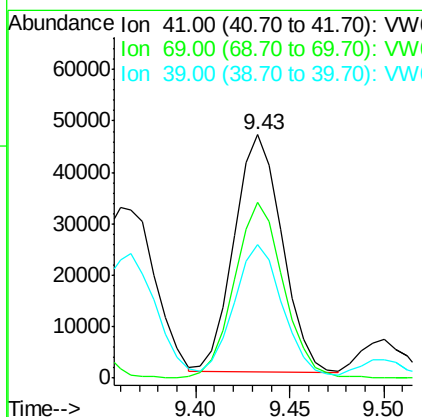
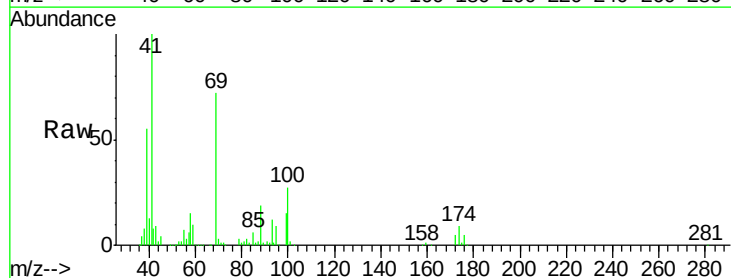
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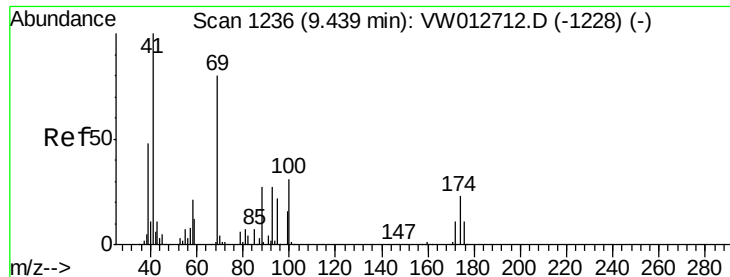
MMDadoda
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#48
Methyl methacrylate
Concen: 52.475 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	80862		
69	76.1	59.8	89.8	
39	57.9	47.0	70.6	





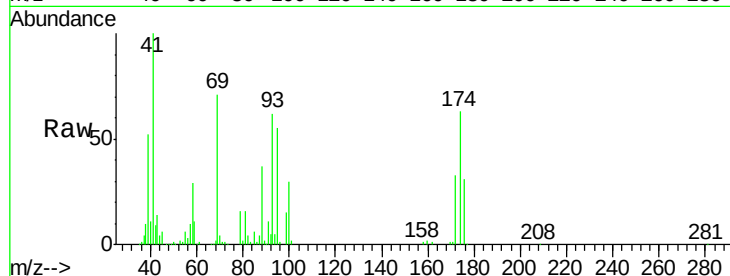
#49
 1,4-Dioxane
 Concen: 1220.197 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	23449
Ion	Ratio	Lower	Upper
88	100		
43	38.9	34.8	52.2
58	75.1	64.1	96.1

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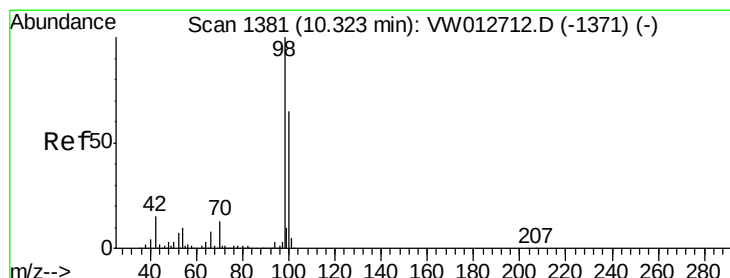
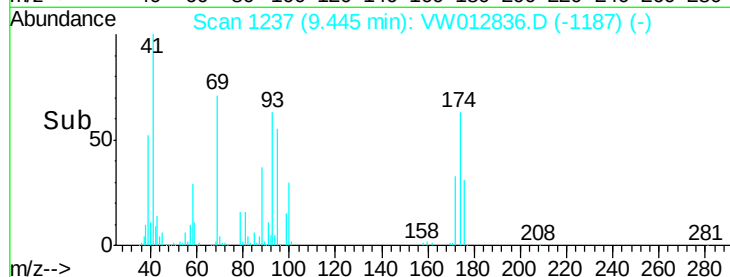
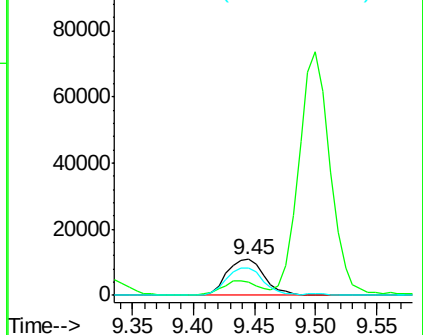


Abundance

Ion 88.00 (87.70 to 88.70): VW

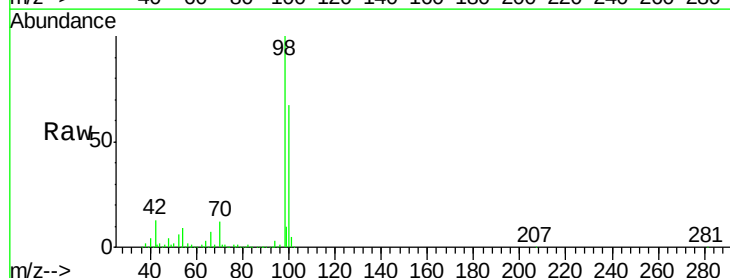
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
 Toluene-d8
 Concen: 48.121 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

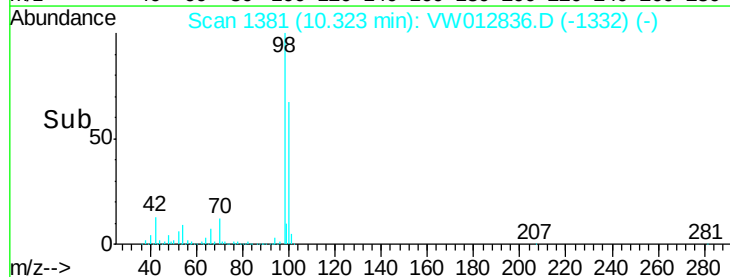
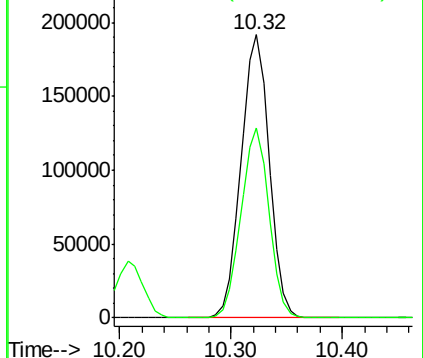
Tgt Ion	98	Resp	336793
Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.2	78.4

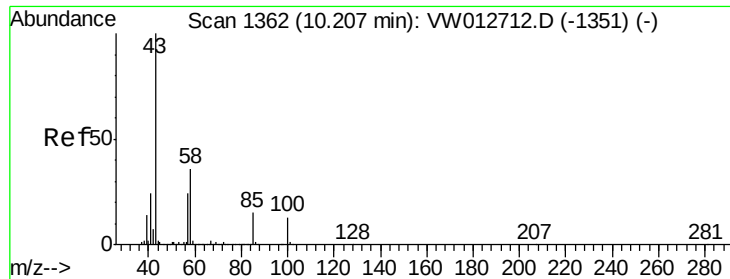


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 276.184 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 467297

Ion Ratio Lower Upper

43 100

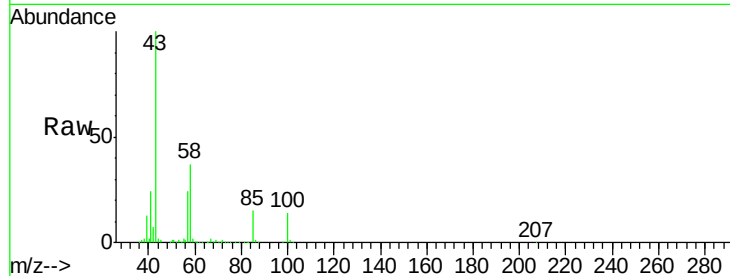
58 36.9 28.4 42.6

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

250000

200000

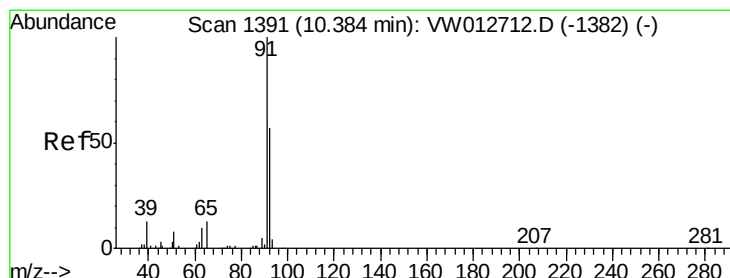
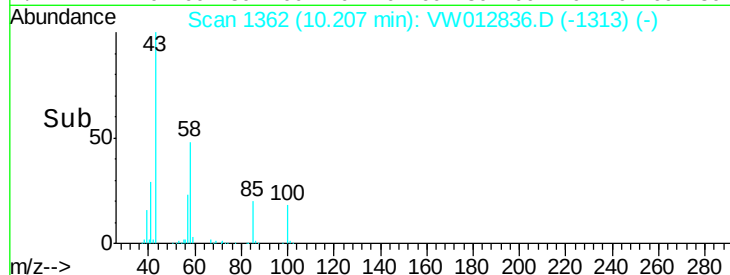
150000

100000

50000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 49.923 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW012836.D

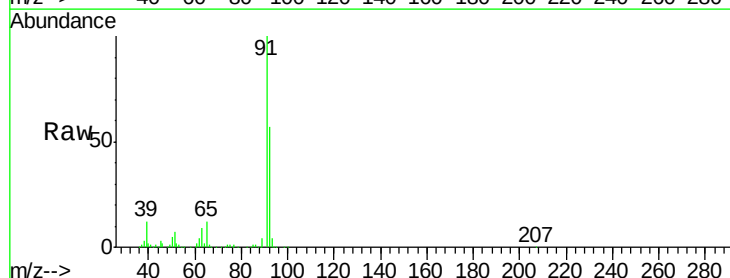
Acq: 09 Sep 2019 21:33

Tgt Ion: 92 Resp: 230811

Ion Ratio Lower Upper

92 100

91 170.0 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

250000

200000

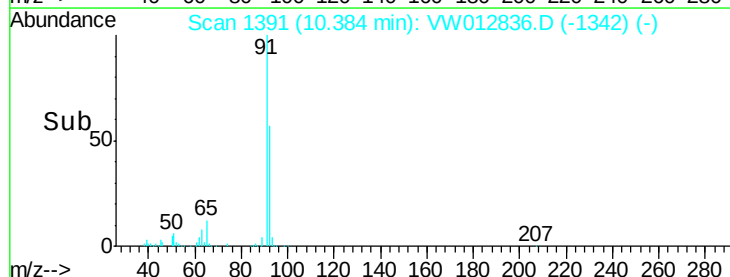
150000

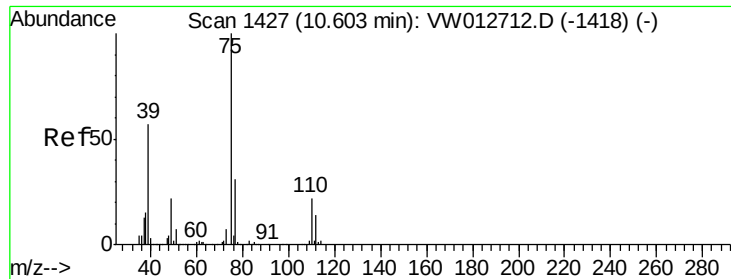
100000

50000

0

Time--> 10.30 10.40 10.50





#53

t-1,3-Dichloropropene

Concen: 50.816 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 139862

Ion Ratio Lower Upper

75 100

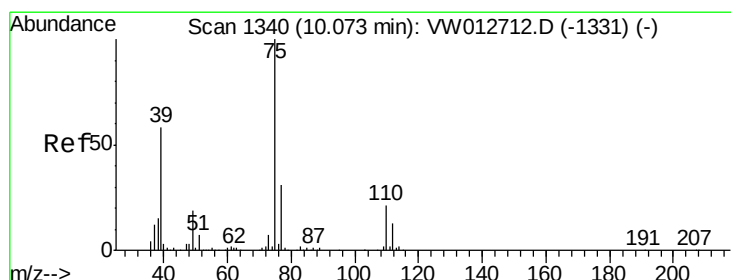
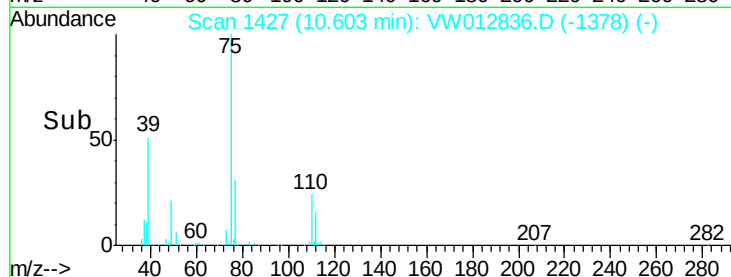
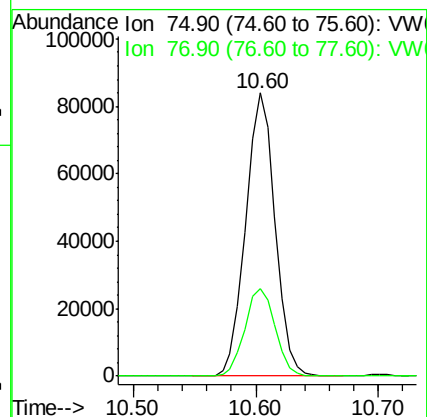
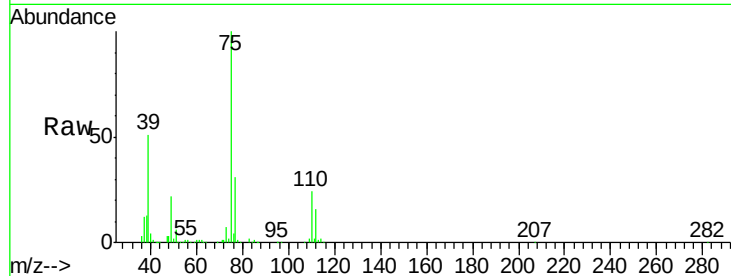
77 30.8 24.7 37.1

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#54

cis-1,3-Dichloropropene

Concen: 50.729 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

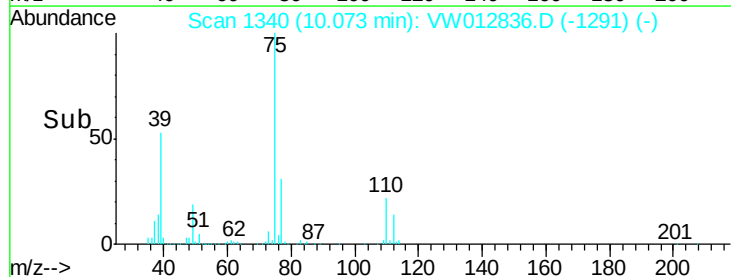
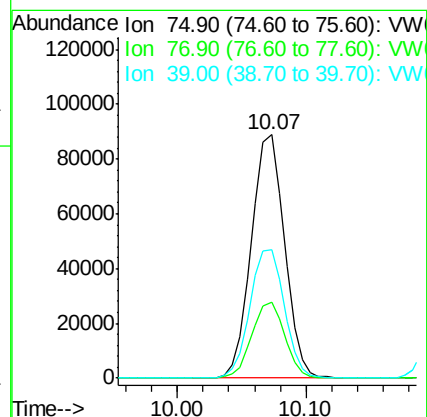
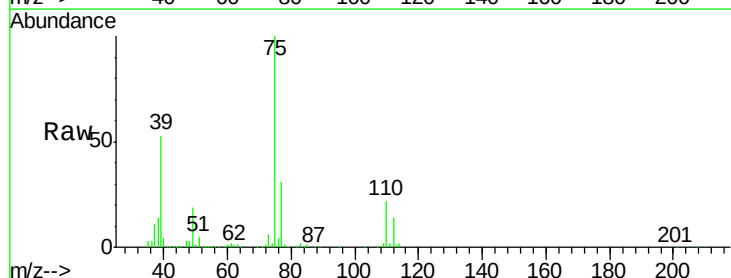
Tgt Ion: 75 Resp: 158390

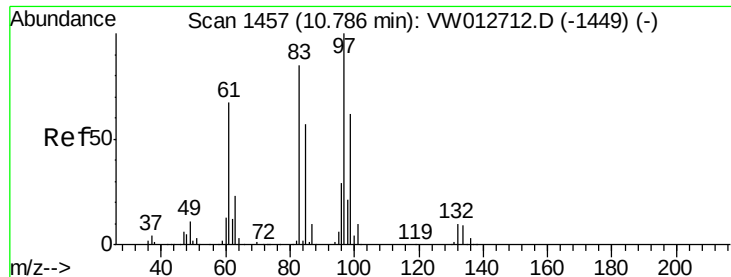
Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8

39 52.8 46.3 69.5





#55

1,1,2-Trichloroethane

Concen: 53.498 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 77922

Ion Ratio Lower Upper

97 100

83 82.8 68.1 102.1

85 54.7 45.3 67.9

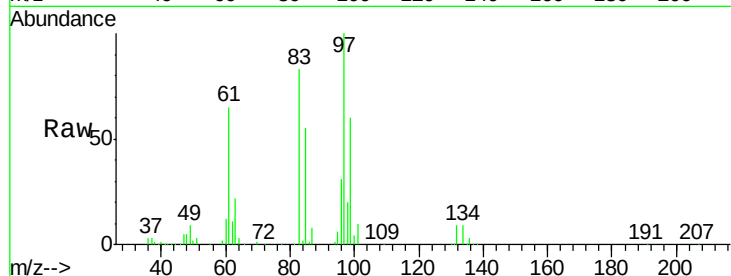
99 59.7 50.0 75.0

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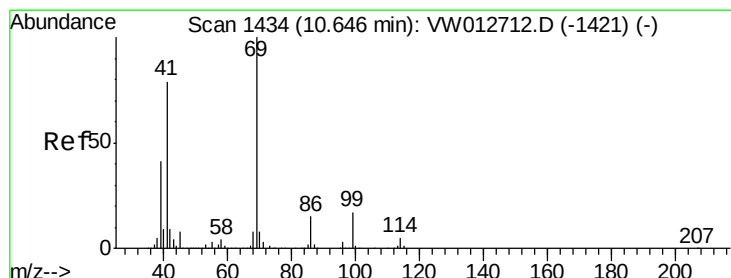
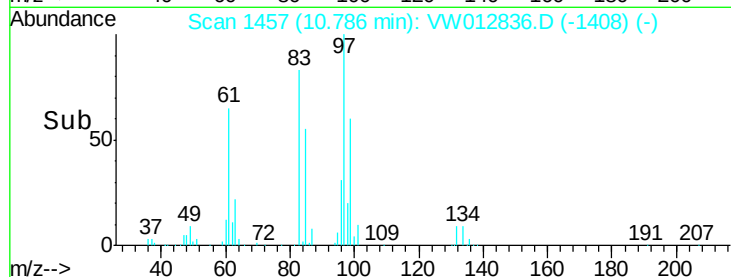
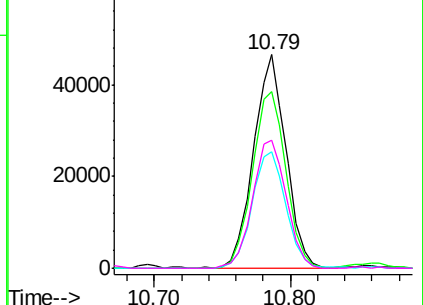


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 56.270 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

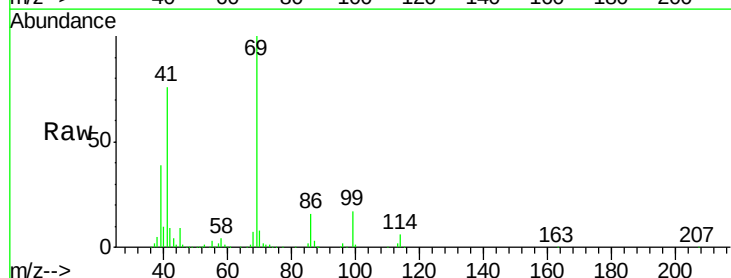
Tgt Ion: 69 Resp: 119972

Ion Ratio Lower Upper

69 100

41 75.2 64.4 96.6

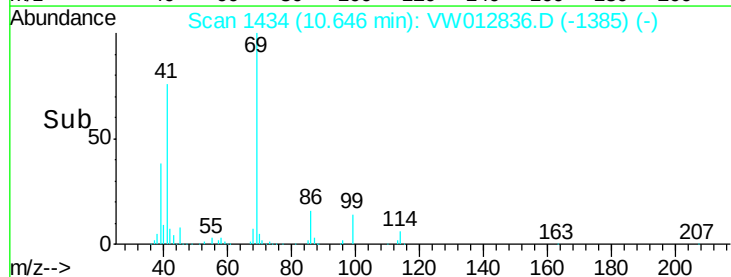
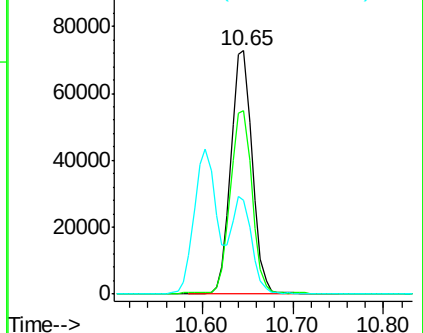
39 34.7 31.1 46.7

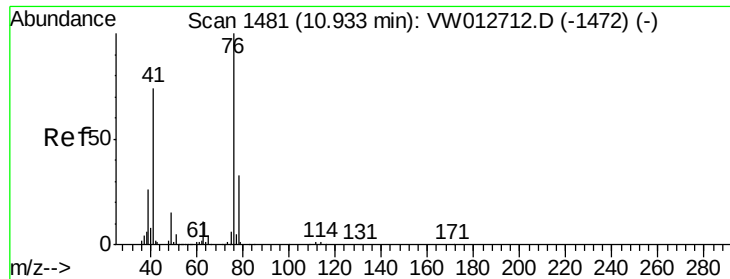


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





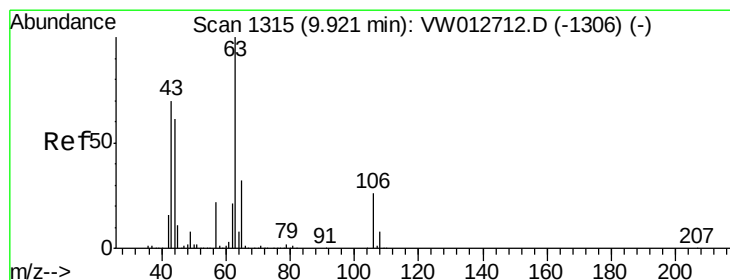
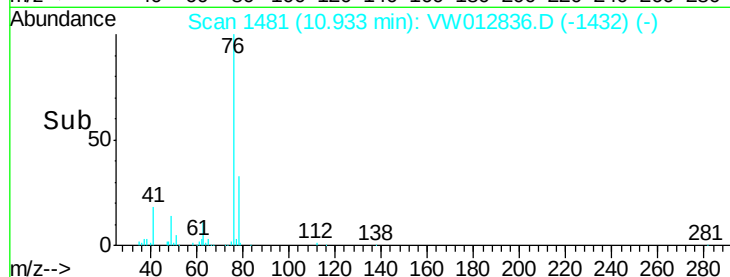
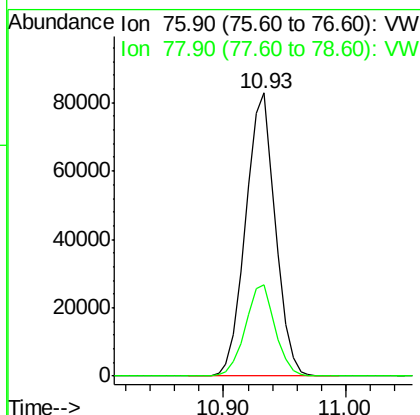
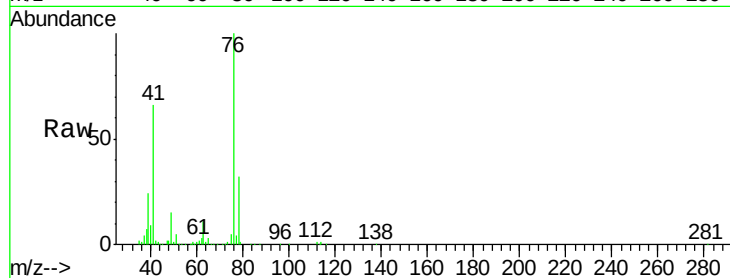
#57
 1,3-Dichloropropane
 Concen: 51.936 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.9	38.9

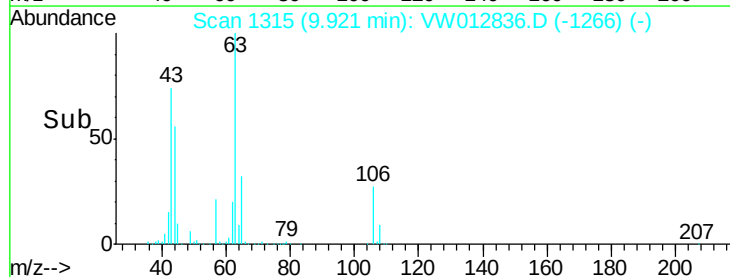
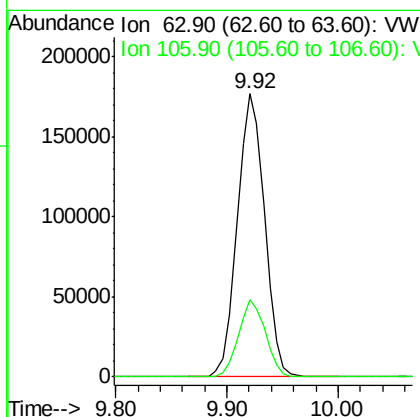
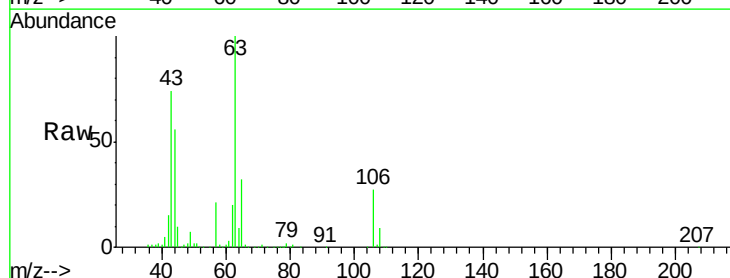
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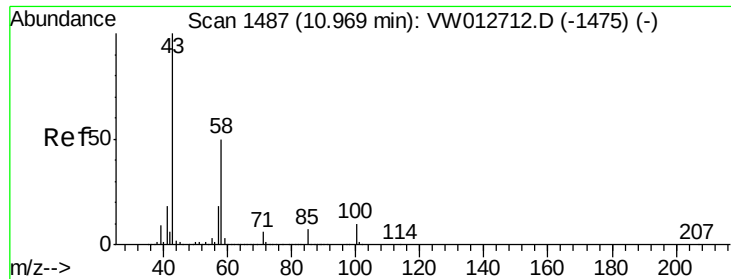
MMDadoda
 9/11/2019 8:15:42 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.400 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.8	20.5	30.7





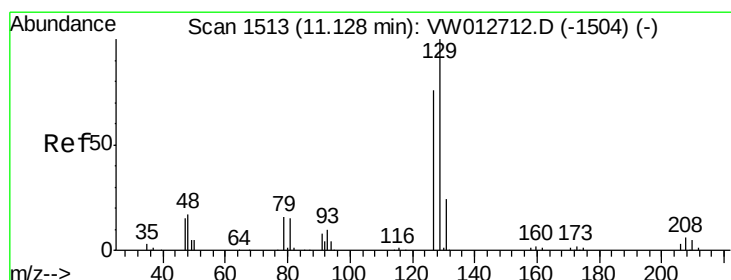
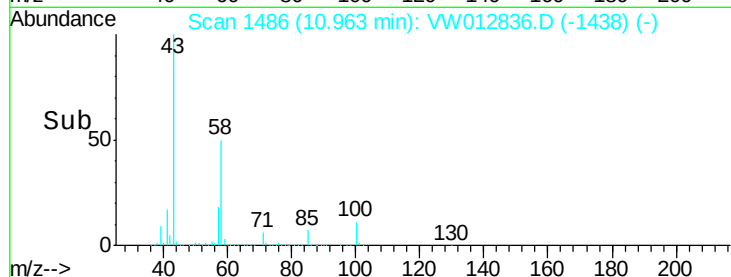
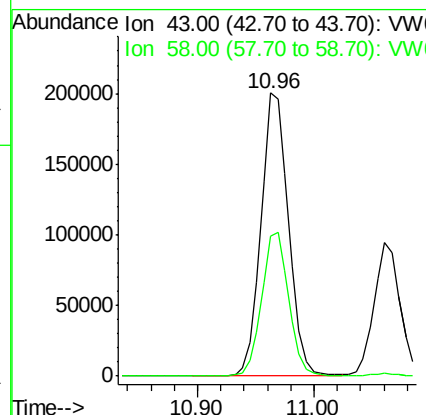
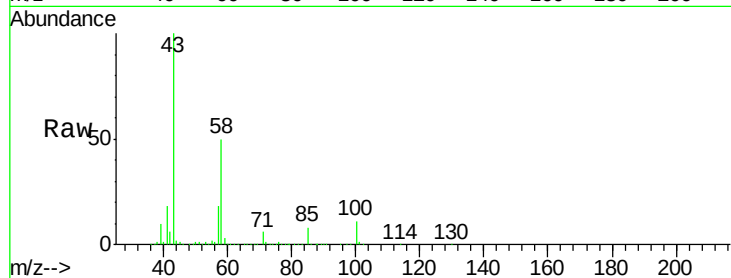
#59
2-Hexanone
Concen: 267.790 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 331023
Ion Ratio Lower Upper
43 100
58 50.1 24.7 74.1

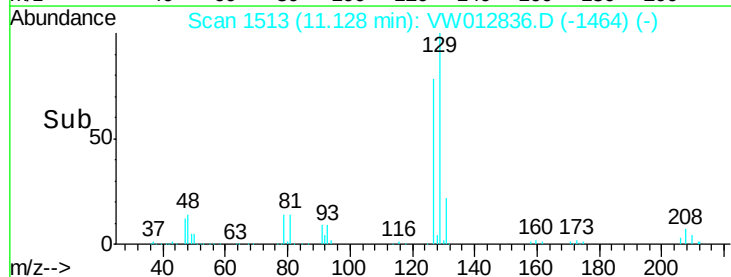
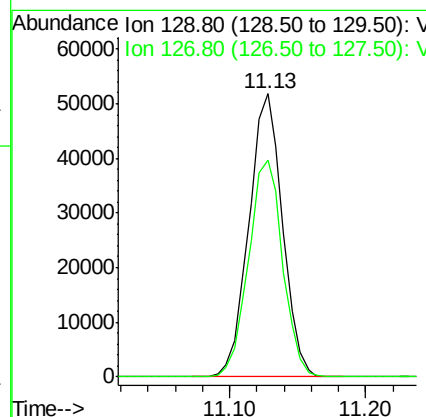
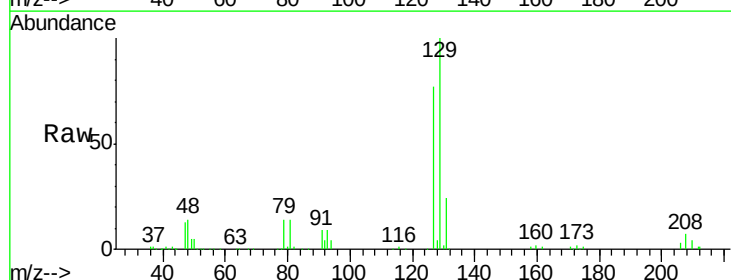
Manual Integrations
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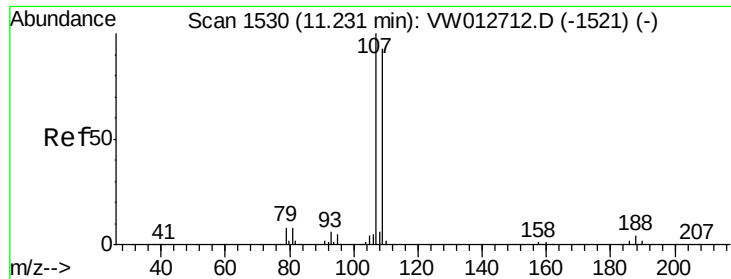
MMDadoda
9/11/2019 8:15:42 AM



#60
Dibromochloromethane
Concen: 52.300 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion: 129 Resp: 89590
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





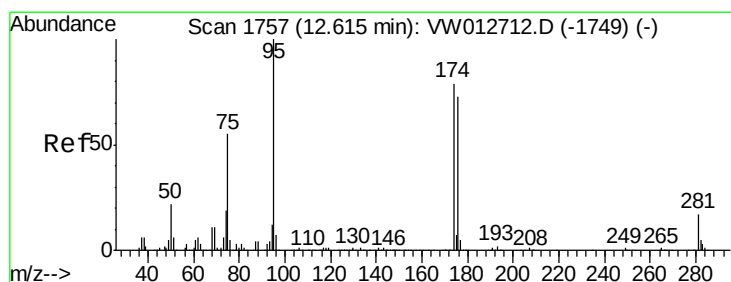
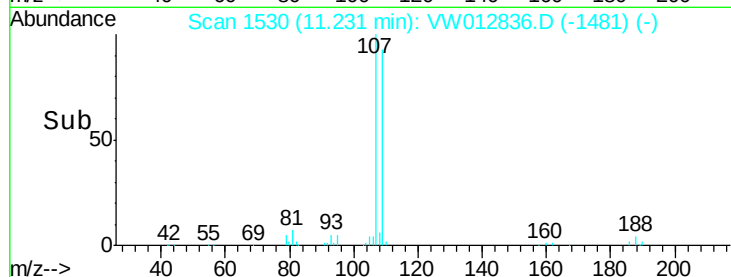
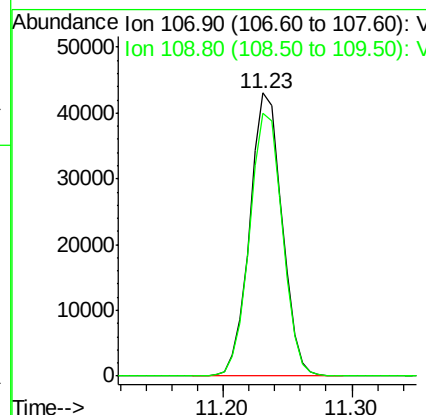
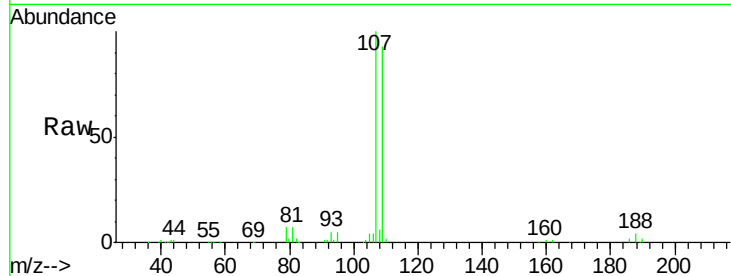
#61
 1,2-Dibromoethane
 Concen: 55.514 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.0	112.6

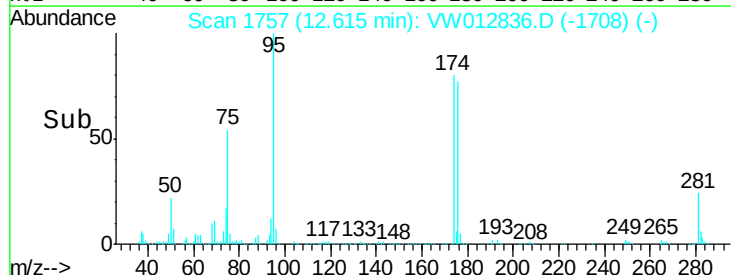
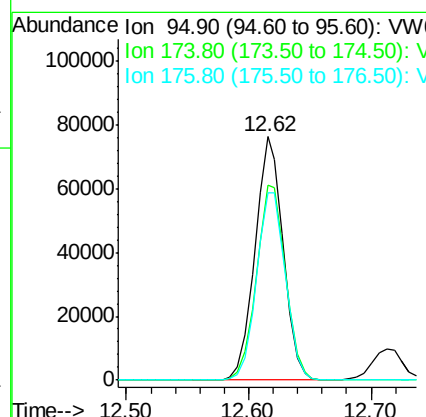
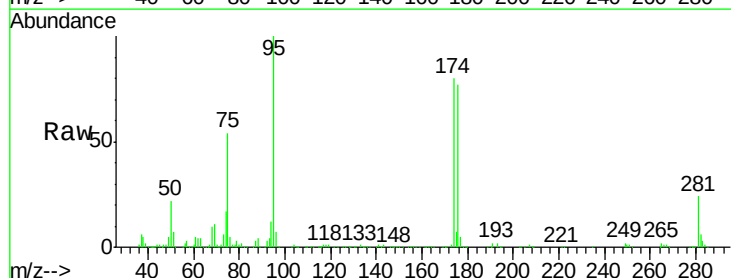
Manual Integrations
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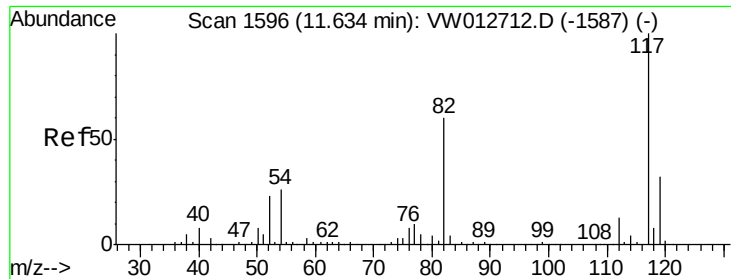
MMDadoda
 9/11/2019 8:15:42 AM



#62
 4-Bromofluorobenzene
 Concen: 48.082 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	161.0
176	79.6	0.0	156.4





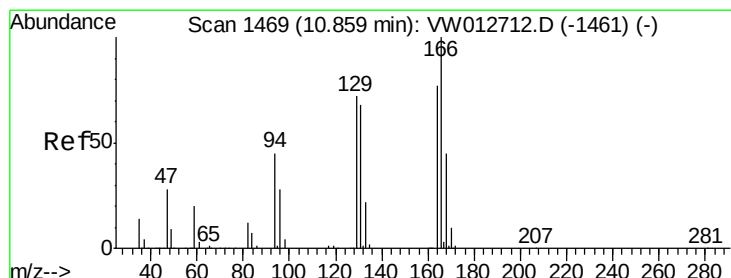
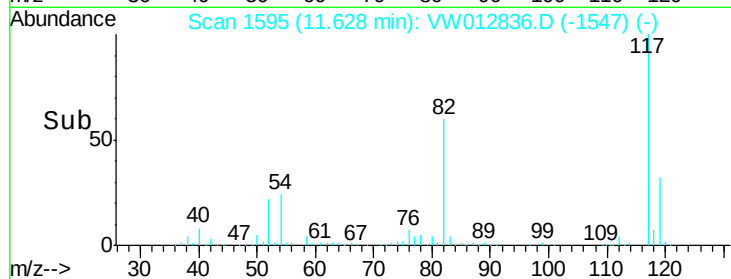
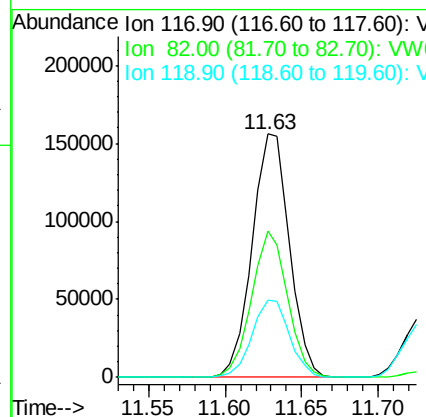
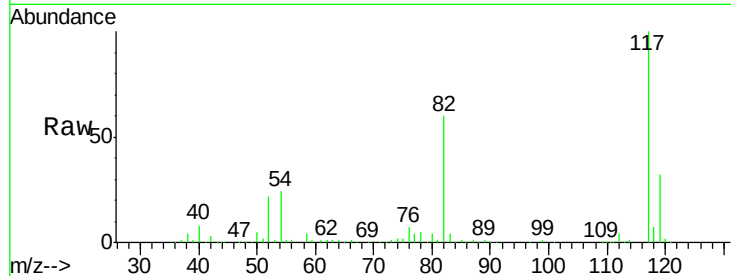
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.0	48.2	72.4
119	31.7	25.8	38.6

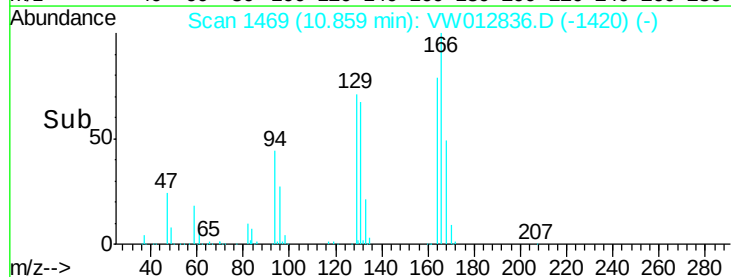
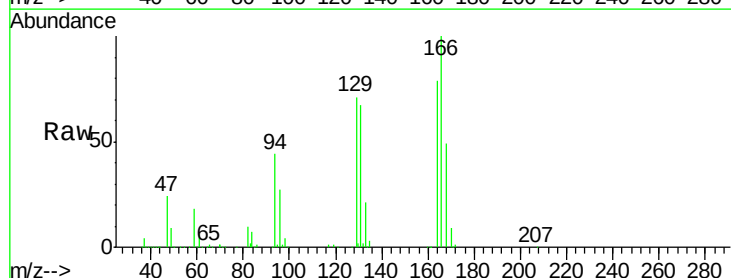
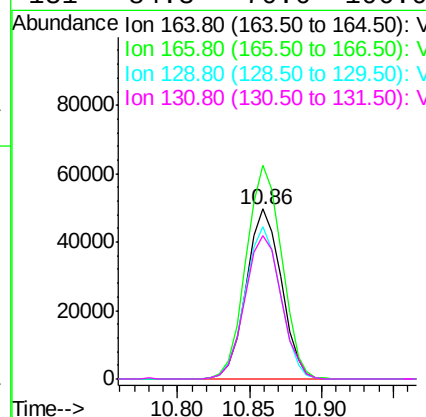
Manual Integrations
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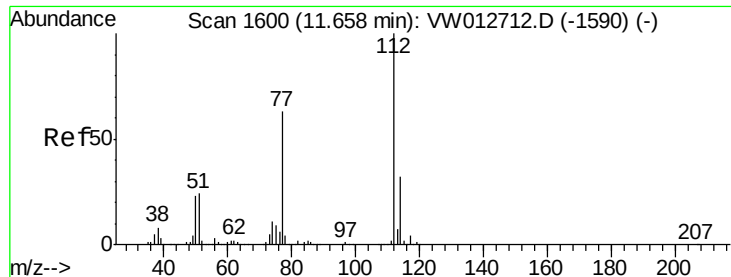
MMDadoda
9/11/2019 8:15:42 AM



#64
Tetrachloroethene
Concen: 51.932 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	103.6	155.4
129	89.5	74.6	112.0
131	84.3	70.6	106.0





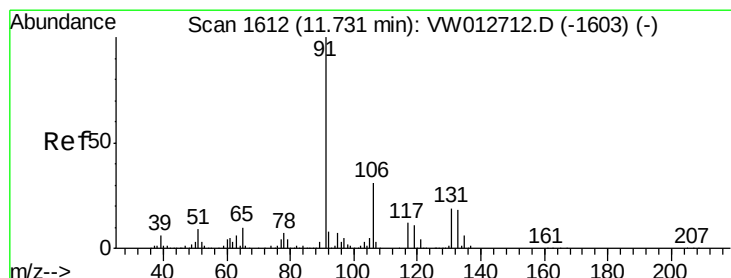
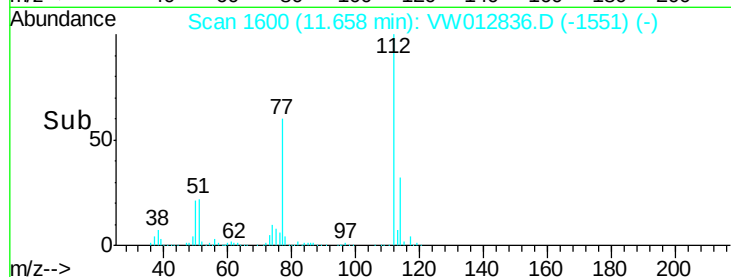
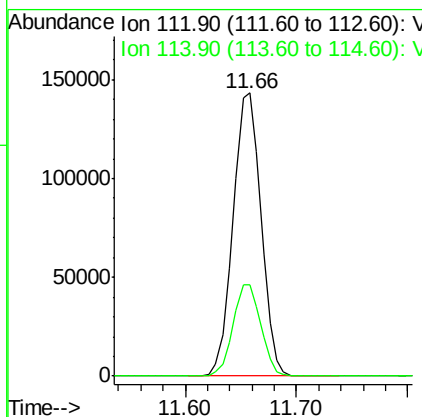
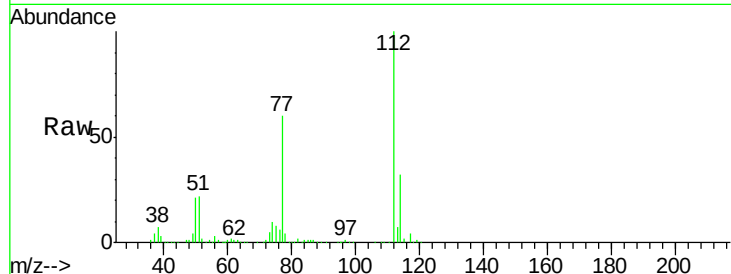
#65
Chlorobenzene
Concen: 49.647 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	248801		
114	32.4	25.3	37.9	

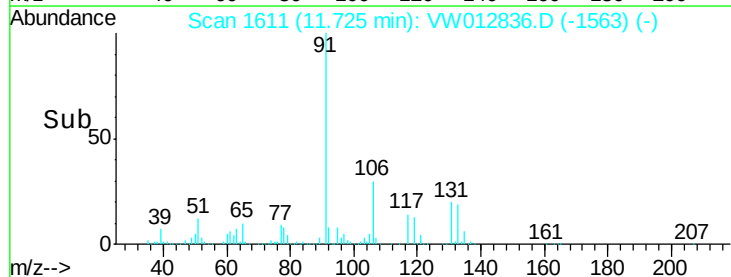
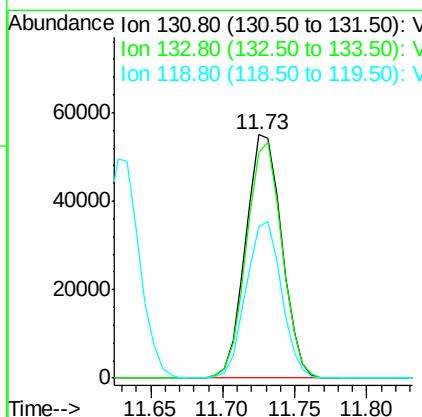
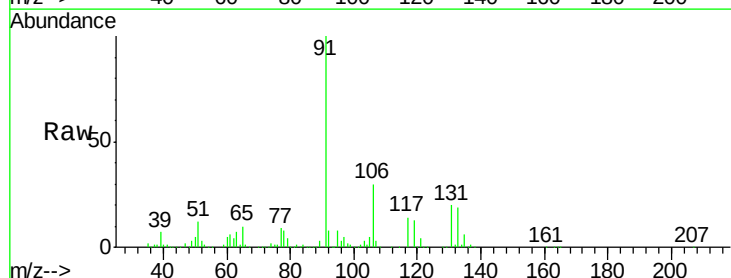
Manual Integrations
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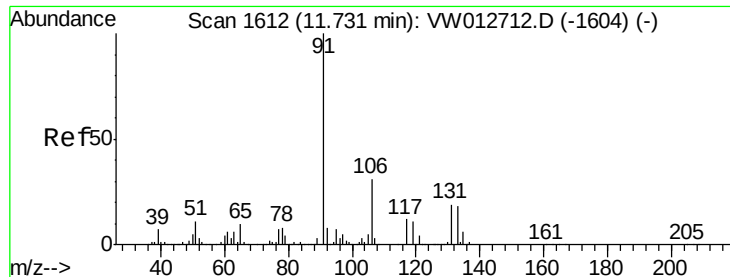
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.206 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	95564		
133	95.0	47.6	142.8	
119	62.8	30.6	92.0	





#67

Ethyl Benzene

Concen: 49.235 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 462938

Ion Ratio Lower Upper

91 100

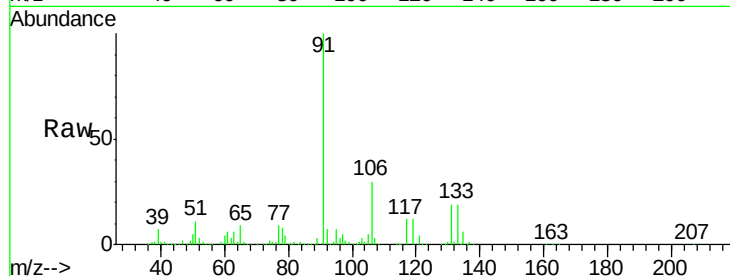
106 30.1 24.4 36.6

Manual Integrations

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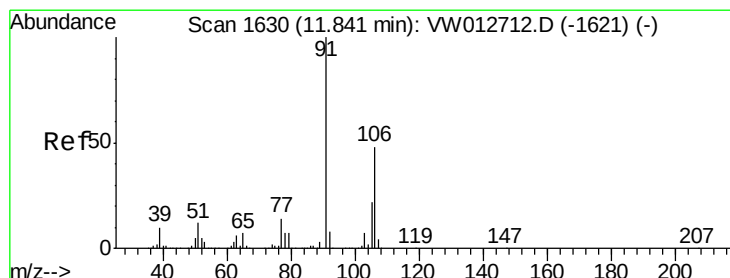
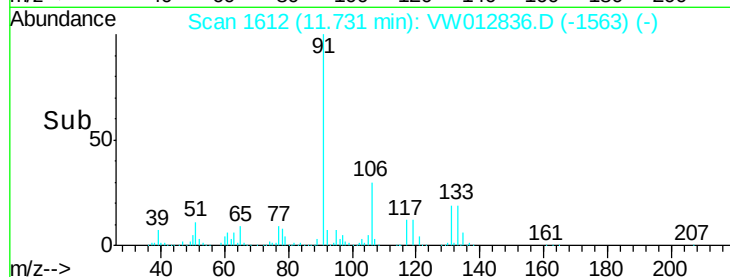
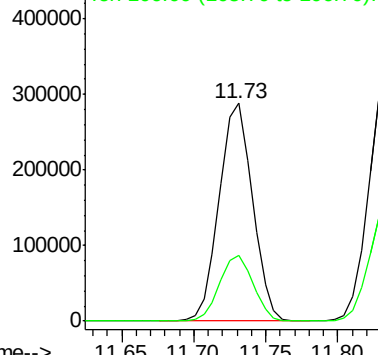
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 99.255 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW012836.D

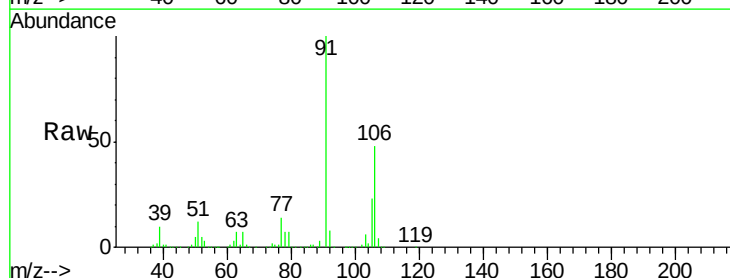
Acq: 09 Sep 2019 21:33

Tgt Ion: 106 Resp: 336862

Ion Ratio Lower Upper

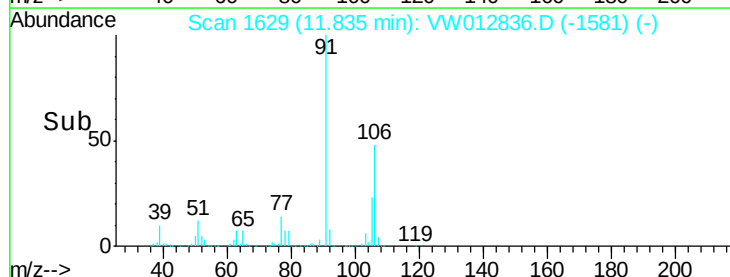
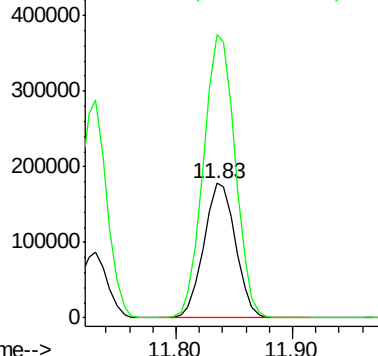
106 100

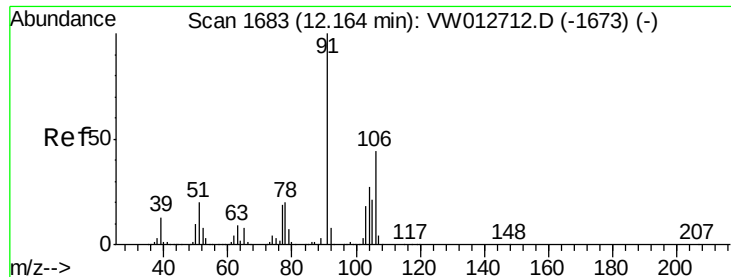
91 211.3 168.2 252.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





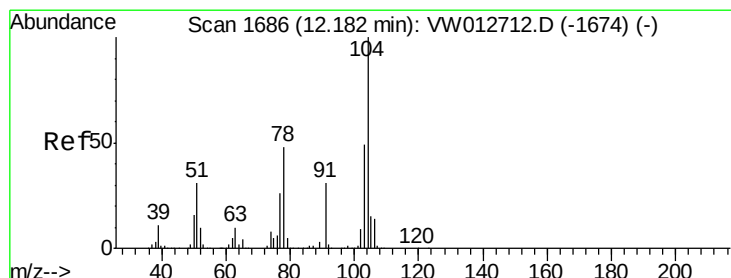
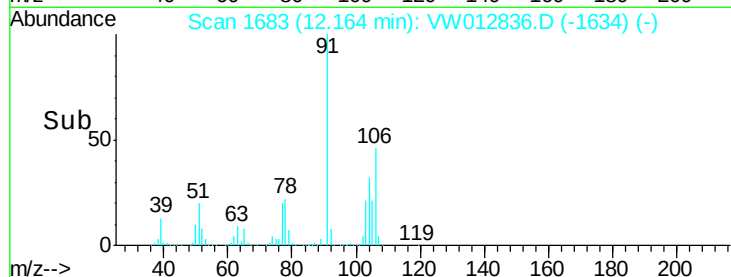
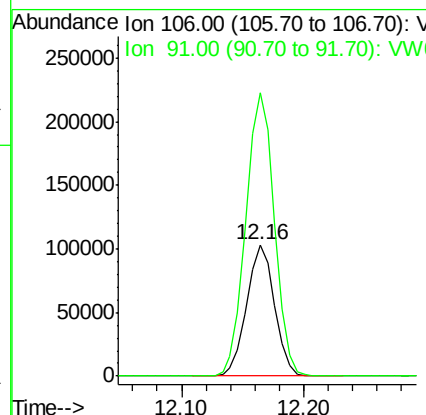
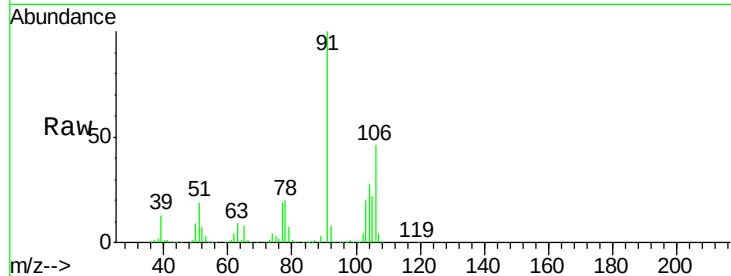
#69
o-Xylene
Concen: 50.940 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	163106		
91	91	221.1	112.3	336.8	

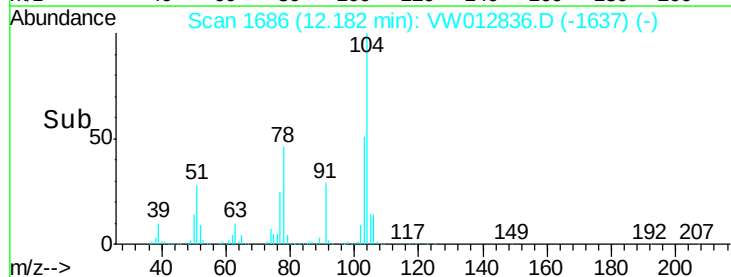
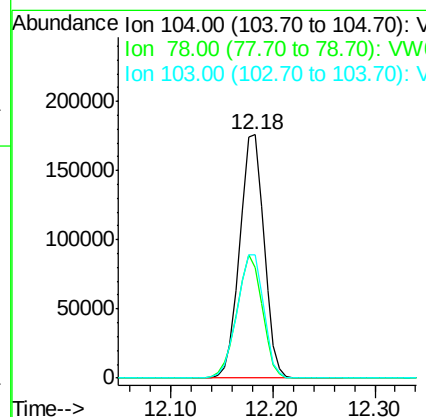
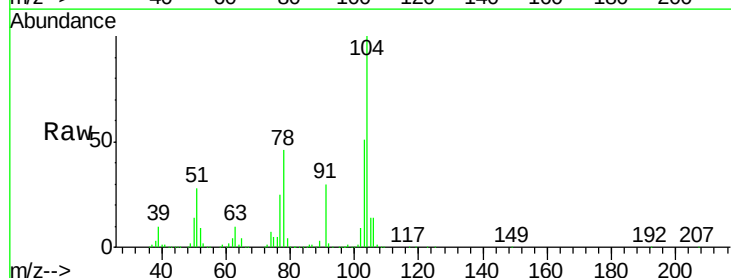
Manual Integrations
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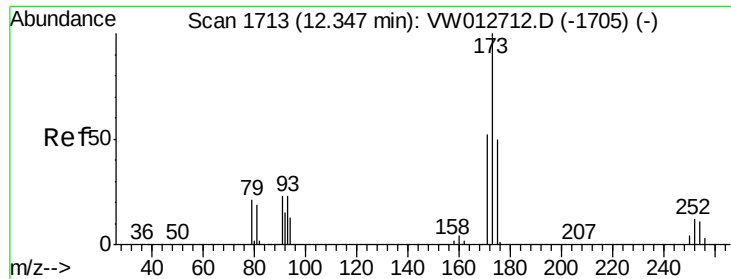
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#70
Styrene
Concen: 51.037 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	288770		
78	78	53.1	43.3	64.9	
103	103	55.8	44.0	66.0	





#71

Bromoform

Concen: 54.463 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

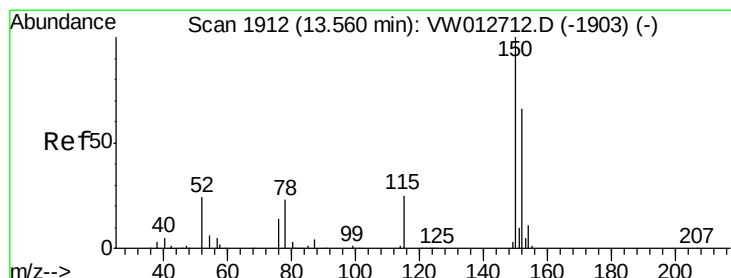
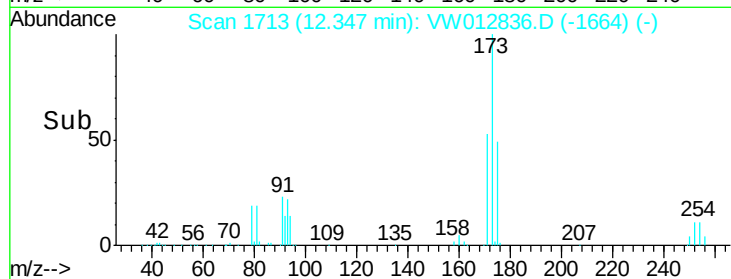
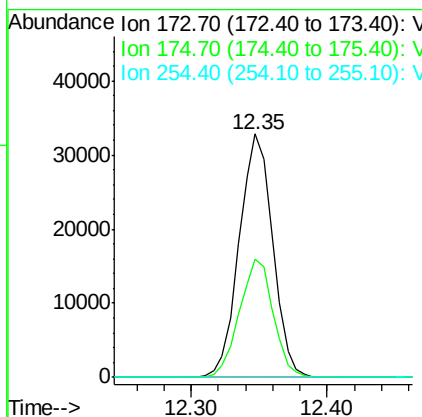
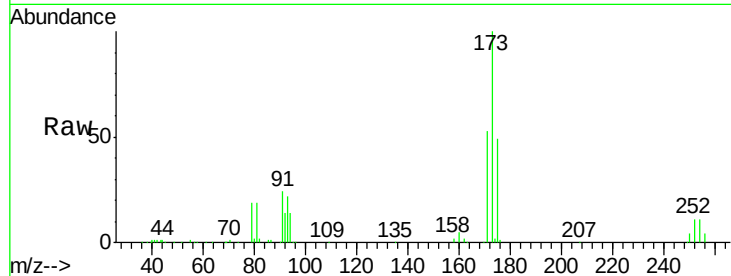
ClientSampleId :

VSTDCCC050EC

Tot Ion:173	Resp:	56471
Ion Ratio	Lower	Upper
173 100		
175 49.0	24.8	74.3
254 0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

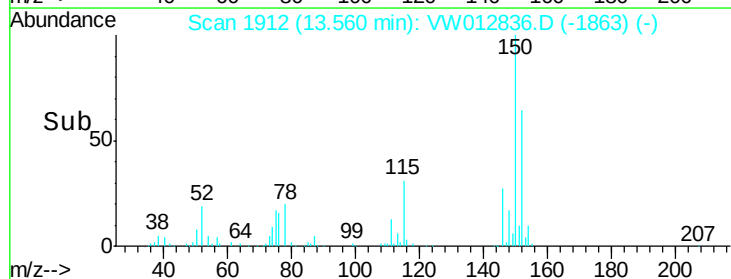
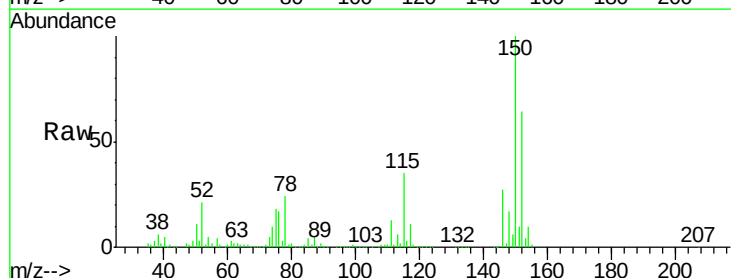
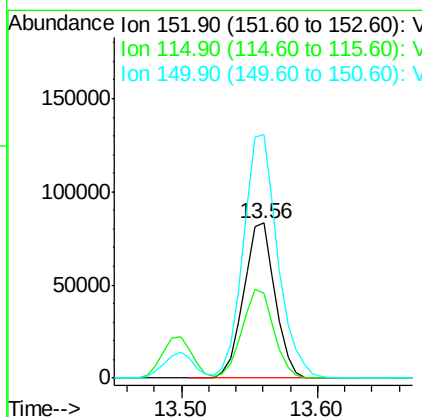
RT: 13.56 min Scan# 1912

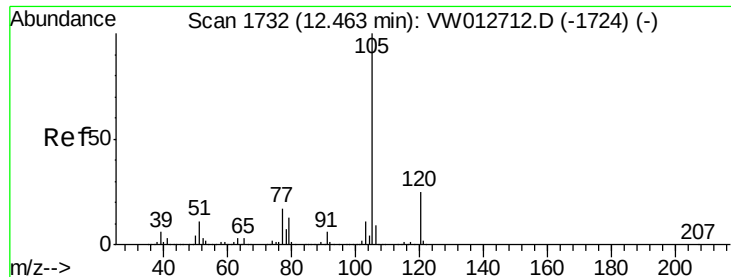
Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Tgt Ion:152	Resp:	134118
Ion Ratio	Lower	Upper
152 100		
115 58.0	30.0	90.1
150 172.1	0.0	349.0





#73

Isopropylbenzene

Concen: 48.744 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 468880

Ion Ratio Lower Upper

105 100

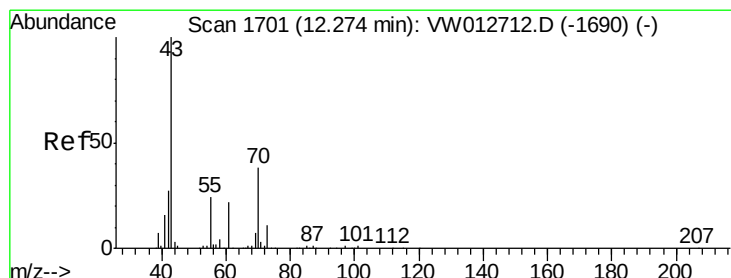
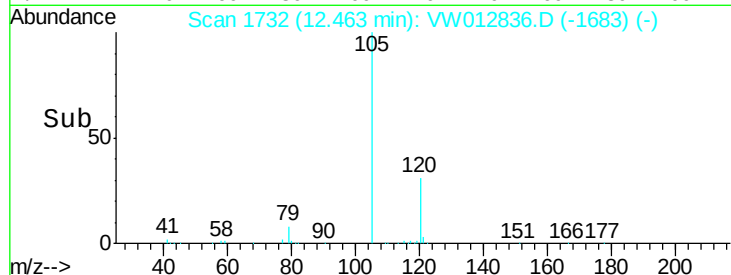
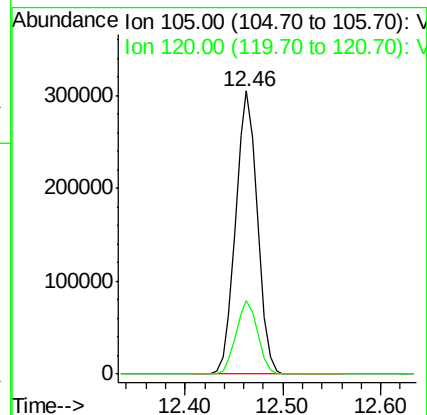
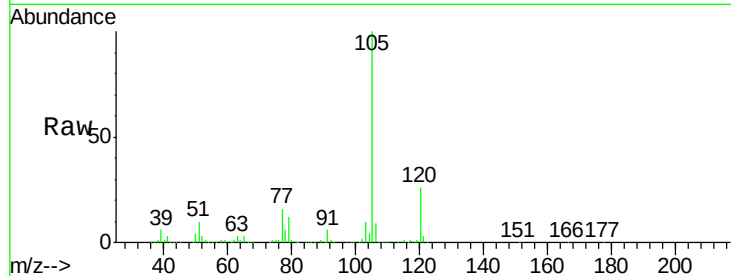
120 25.9 13.0 38.9

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#74

N-ethyl acetate

Concen: 52.343 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Tgt Ion: 43 Resp: 159820

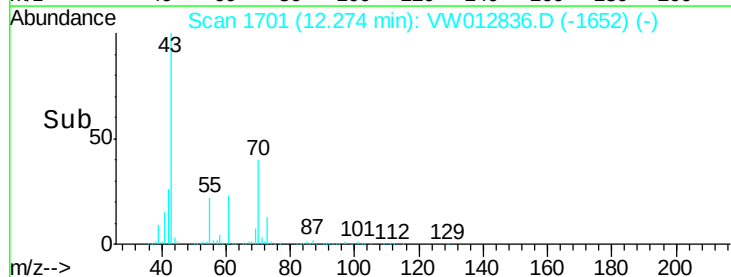
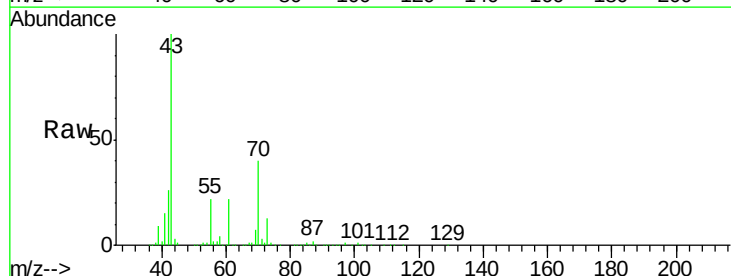
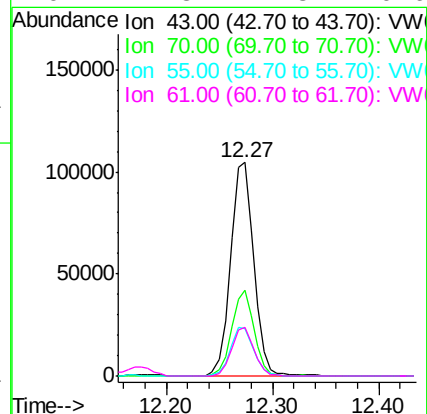
Ion Ratio Lower Upper

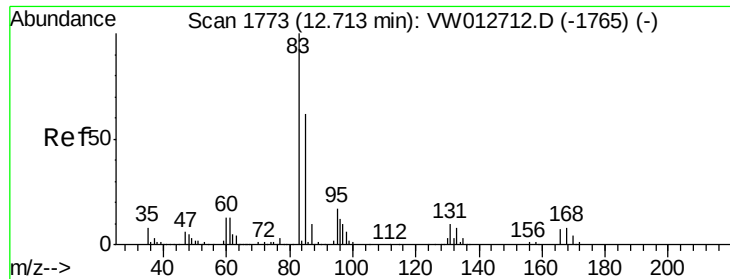
43 100

70 38.4 29.4 44.0

55 23.0 18.6 27.8

61 22.3 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.918 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

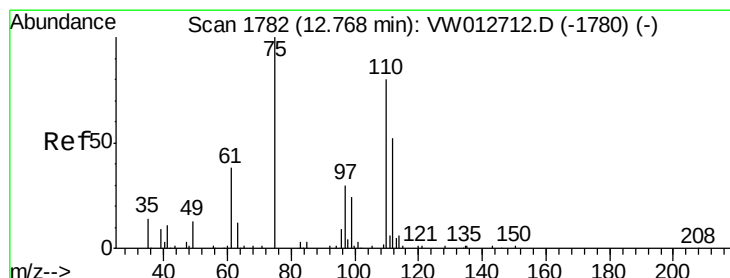
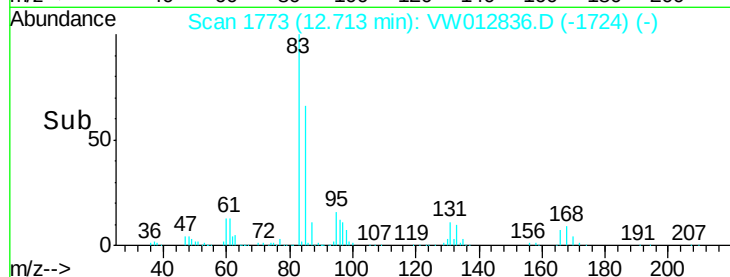
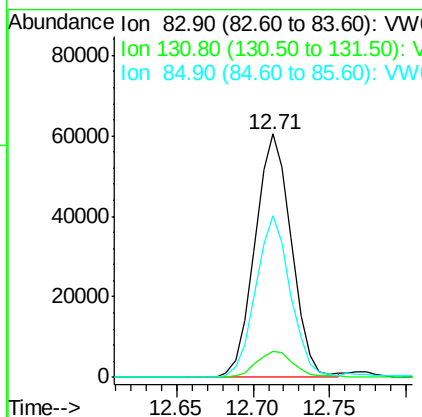
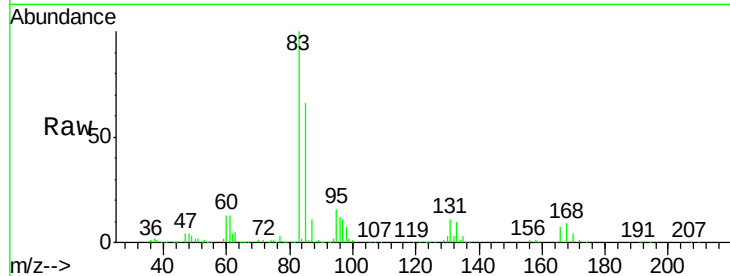
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	100297
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.1	15.4
85	63.4	31.4	94.2

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#76

1,2,3-Trichloropropane

Concen: 58.023 ug/l m

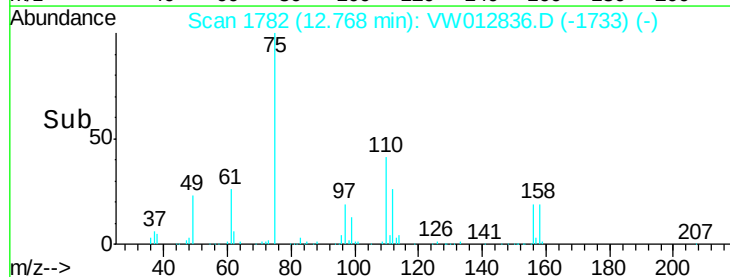
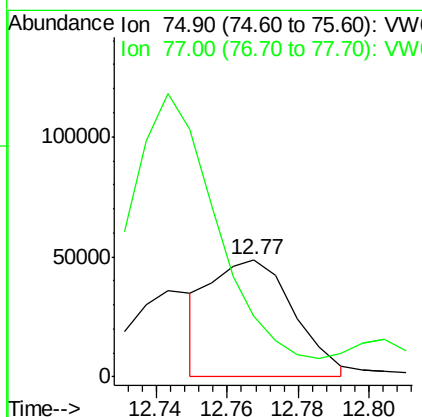
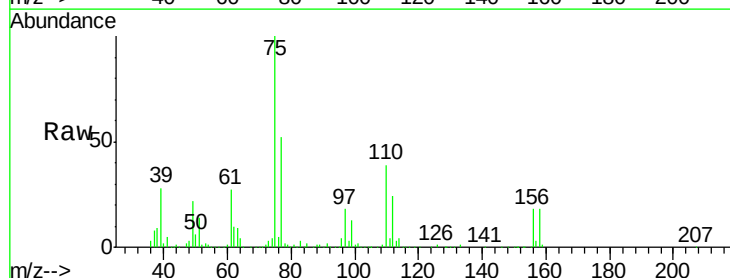
RT: 12.77 min Scan# 1782

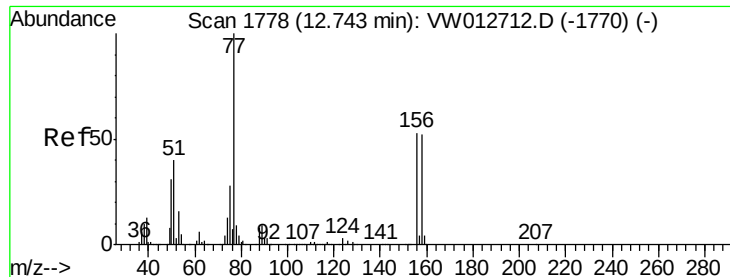
Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Tgt Ion:	75	Resp:	79574
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.599 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 110273

Ion Ratio Lower Upper

156 100

77 195.1 102.3 306.9

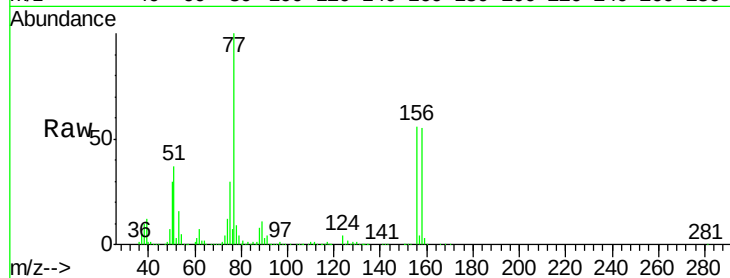
158 97.5 48.9 146.8

Manual Integrations

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MMDadoda

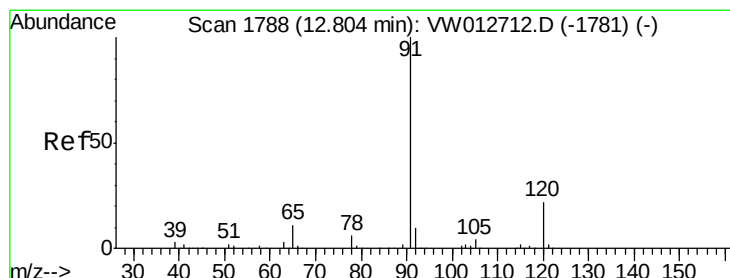
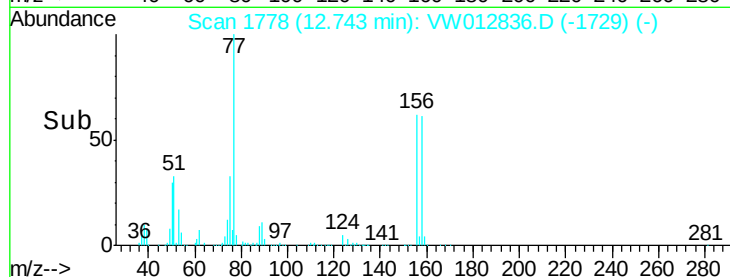
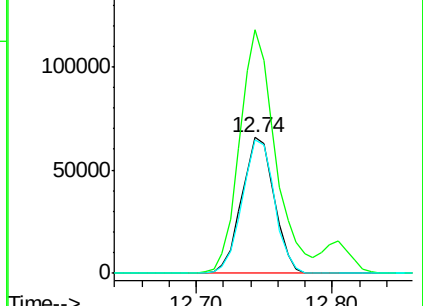
9/11/2019 8:15:42 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.314 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012836.D

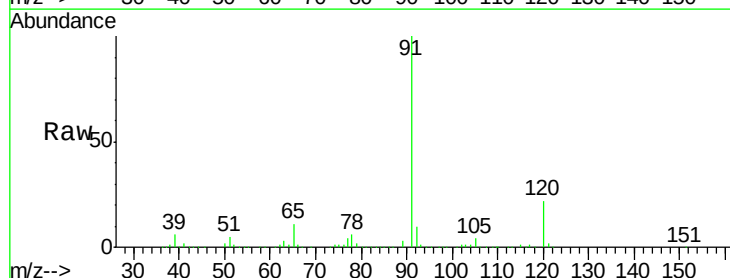
Acq: 09 Sep 2019 21:33

Tgt Ion: 91 Resp: 555833

Ion Ratio Lower Upper

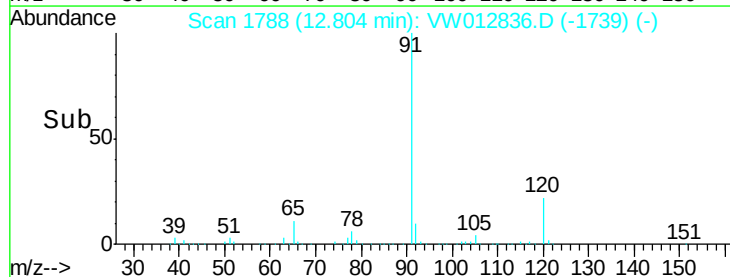
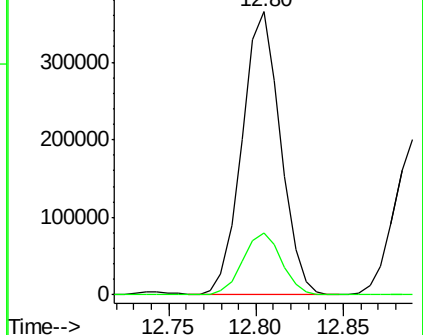
91 100

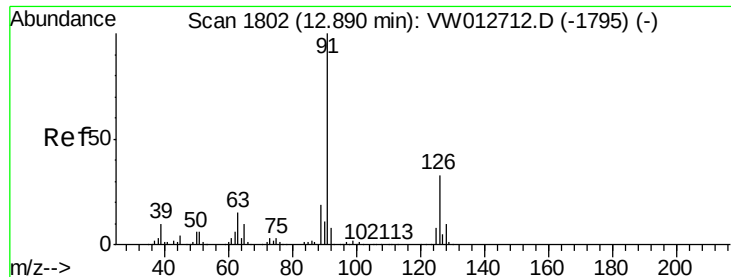
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.987 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 316931

Ion Ratio Lower Upper

91 100

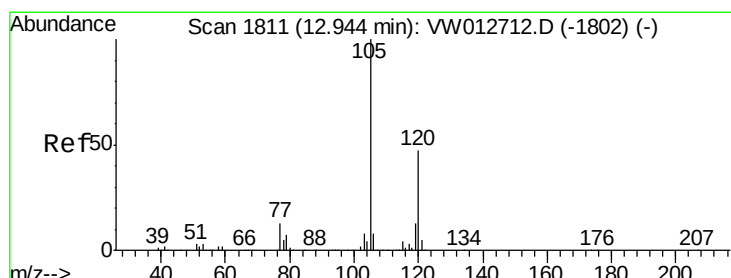
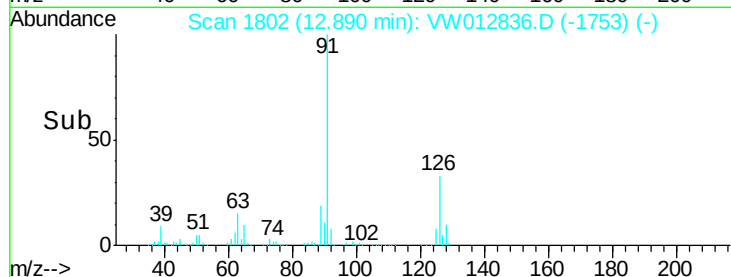
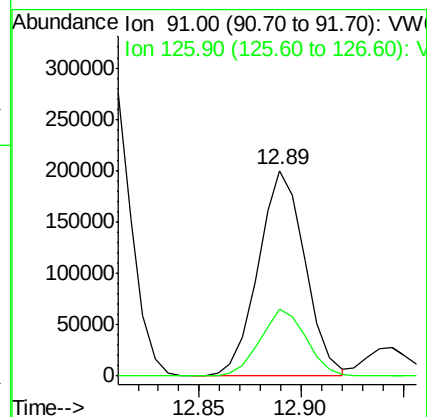
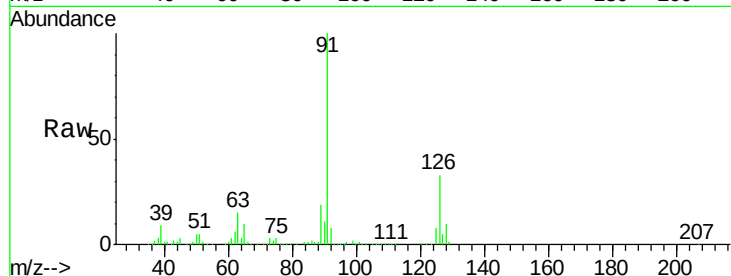
126 32.4 16.1 48.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 49.242 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012836.D

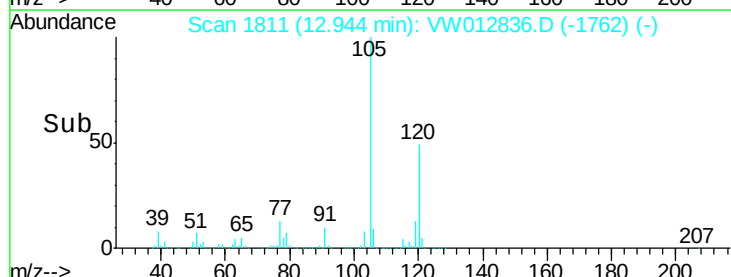
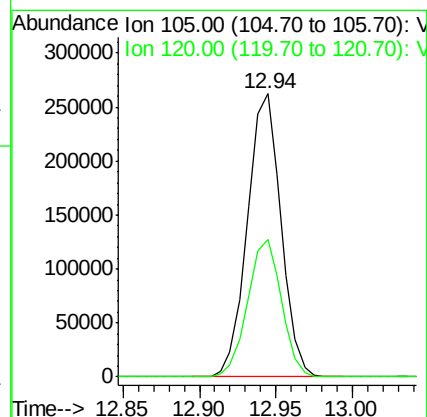
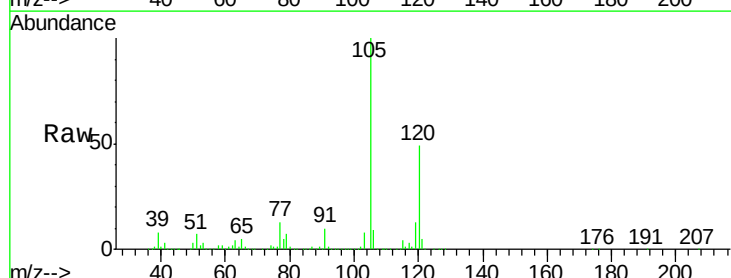
Acq: 09 Sep 2019 21:33

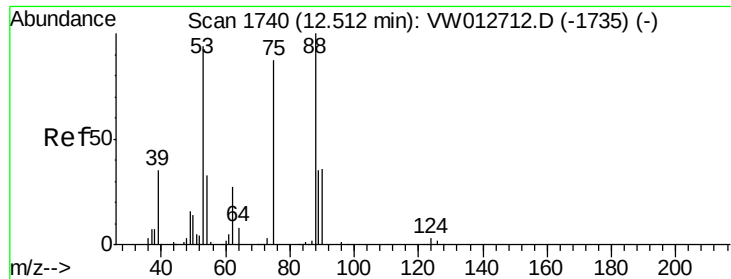
Tgt Ion: 105 Resp: 399137

Ion Ratio Lower Upper

105 100

120 48.9 23.9 71.8





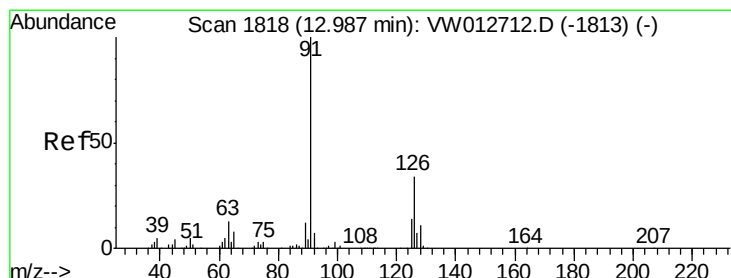
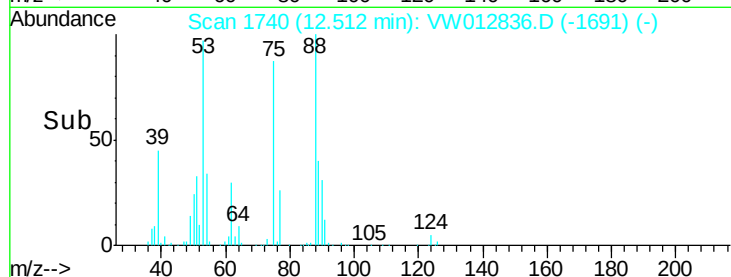
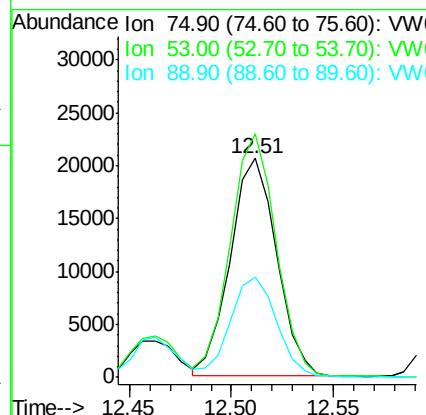
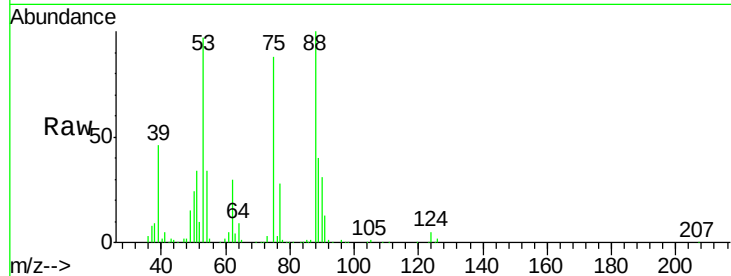
#81
trans-1,4-Dichloro-2-butene
Concen: 50.245 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.9	87.6	131.4
89	46.2	35.5	53.3

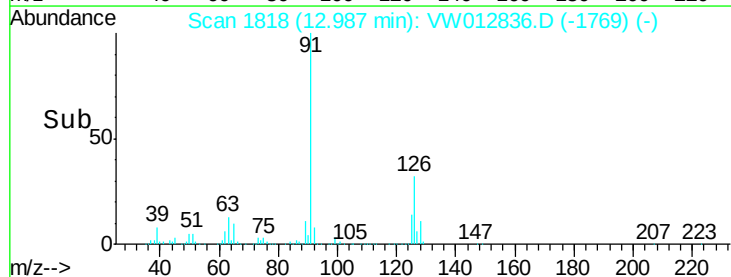
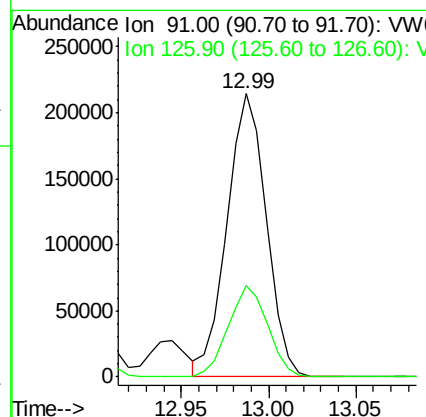
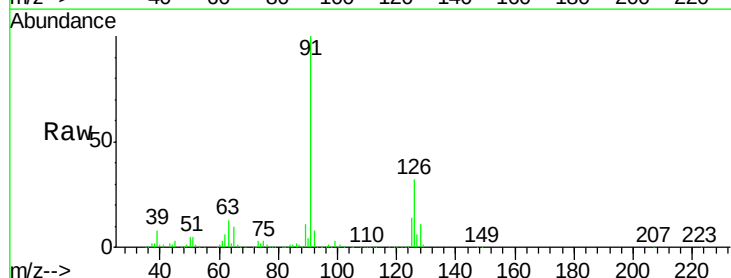
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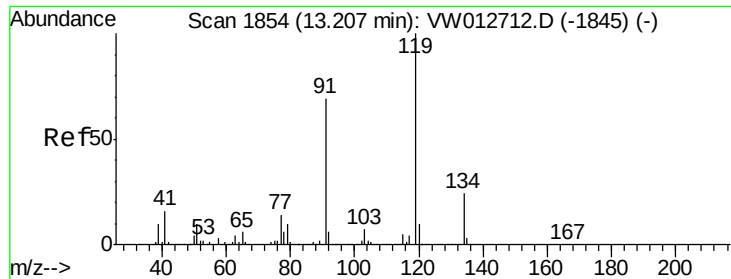
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#82
4-Chlorotoluene
Concen: 47.655 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	15.9	47.6





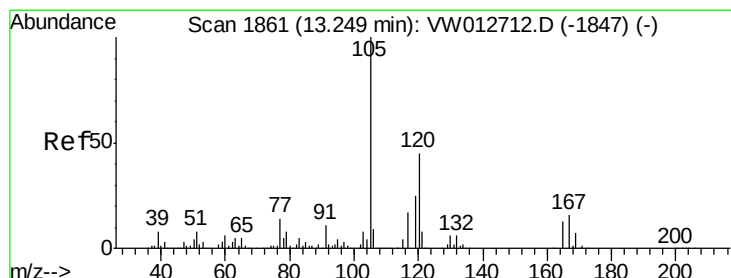
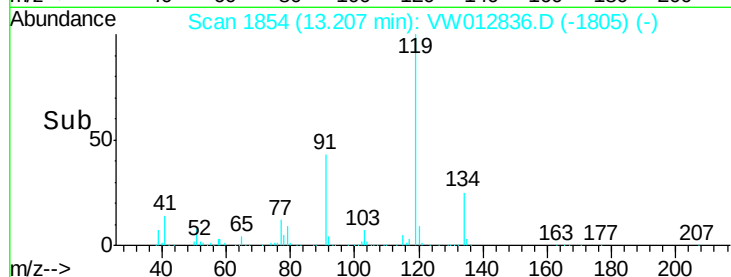
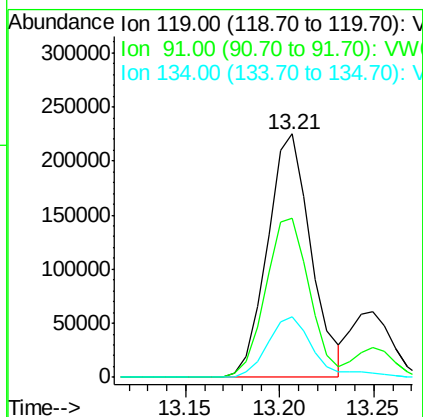
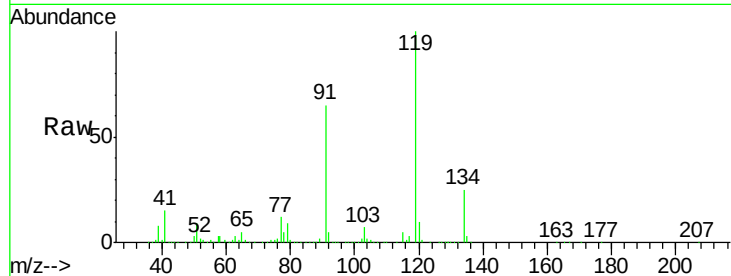
#83
 tert-Butylbenzene
 Concen: 50.427 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.6	34.2	102.5
134	26.5	12.3	36.9

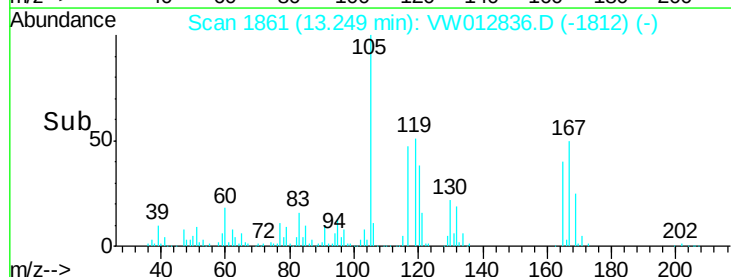
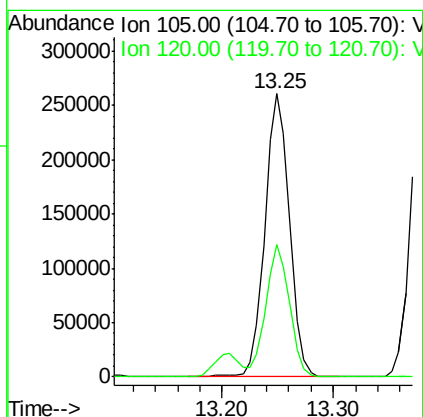
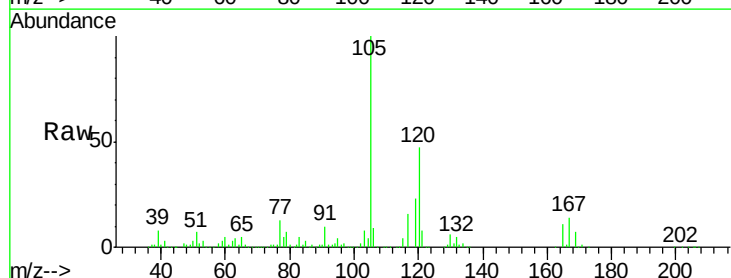
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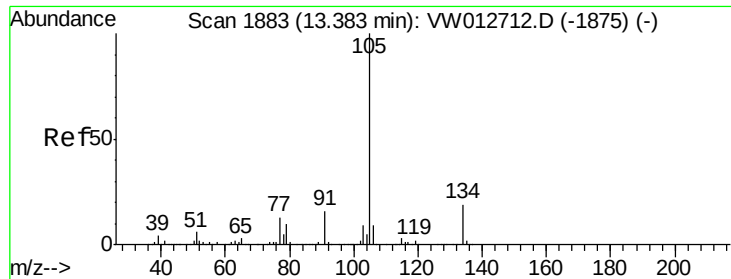
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 9/11/2019 8:15:42 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.027 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.1	66.3





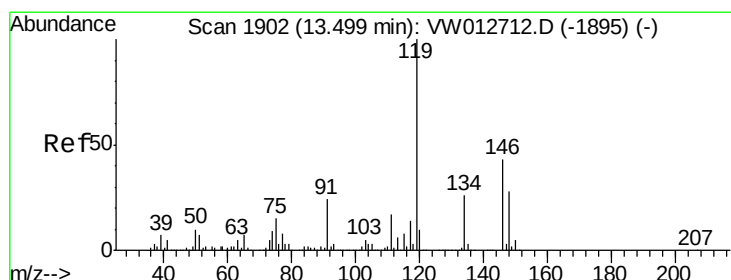
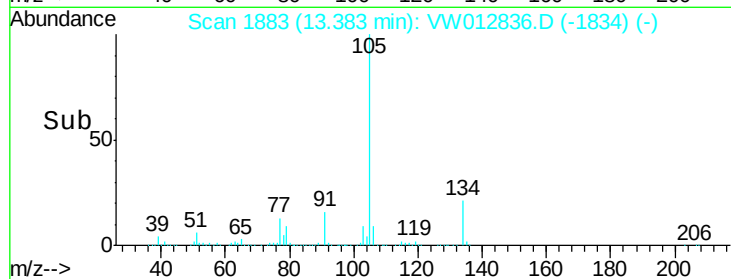
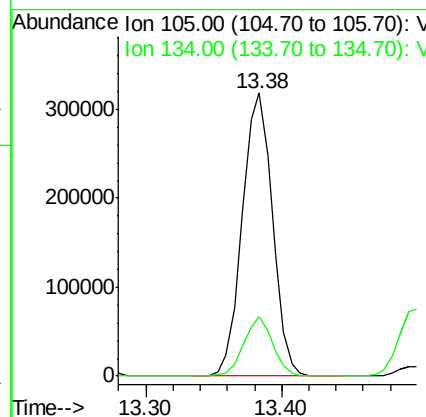
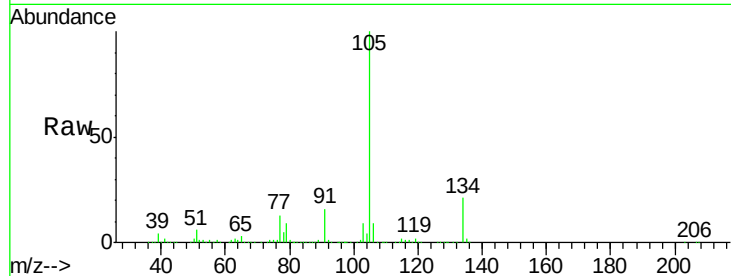
#85
 sec-Butylbenzene
 Concen: 49.693 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	494208		
134	20.0	9.8	29.3	

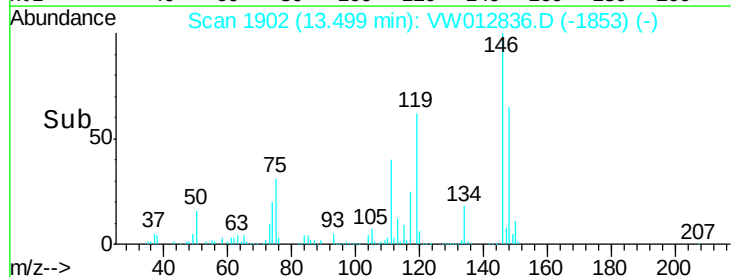
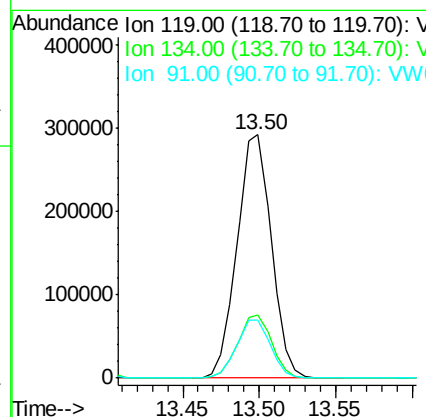
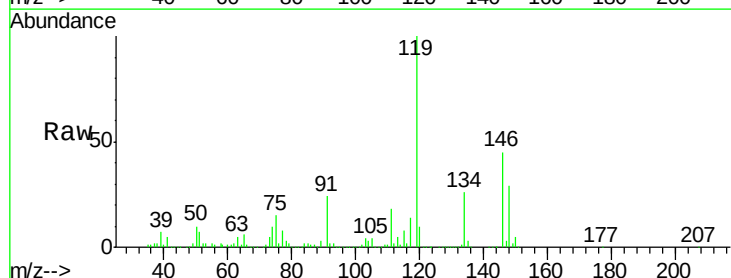
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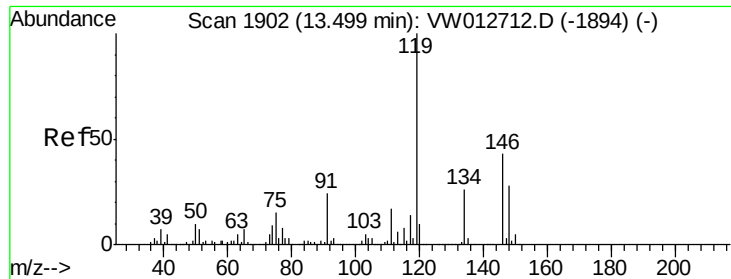
MMDadoda
 9/11/2019 8:15:42 AM



#86
 p-Isopropyltoluene
 Concen: 49.873 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	453052		
134	25.8	12.7	38.1	
91	23.6	12.2	36.6	





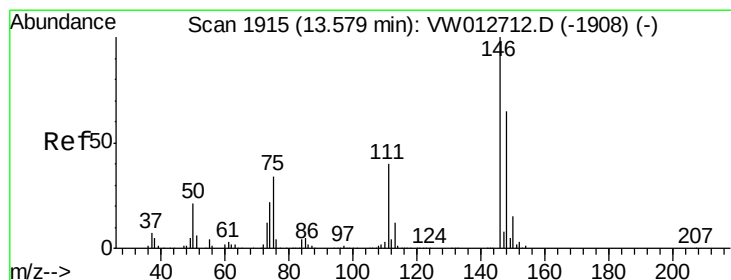
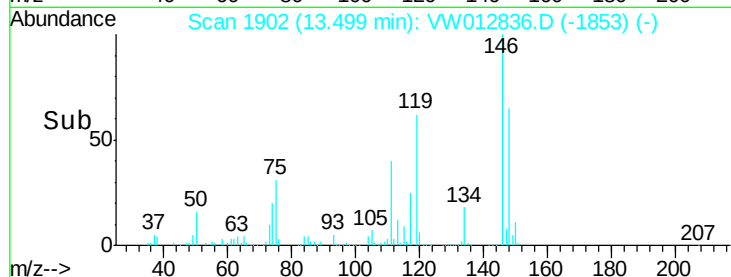
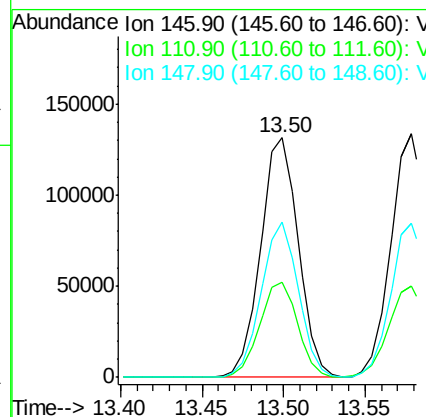
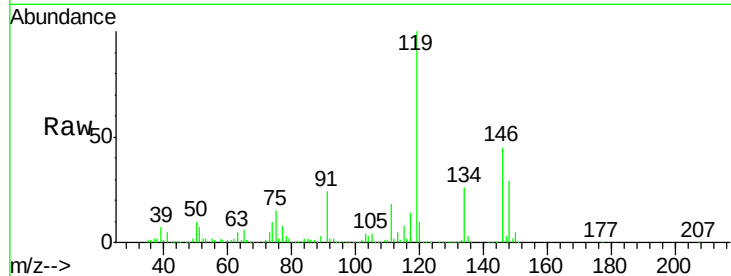
#87
 1,3-Dichlorobenzene
 Concen: 49.280 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	211094		
111	40.3	20.4	61.2	
148	64.2	31.8	95.4	

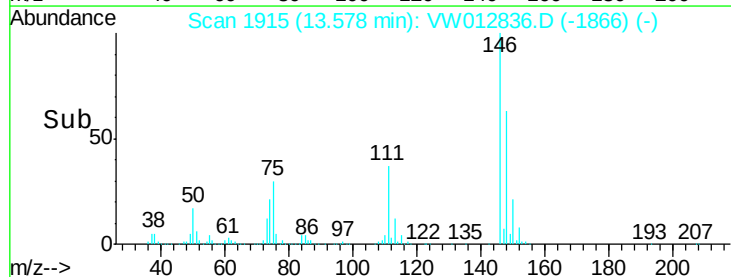
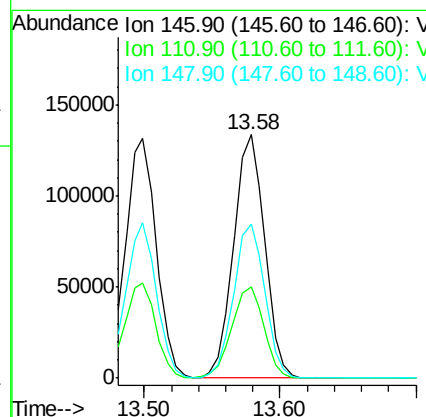
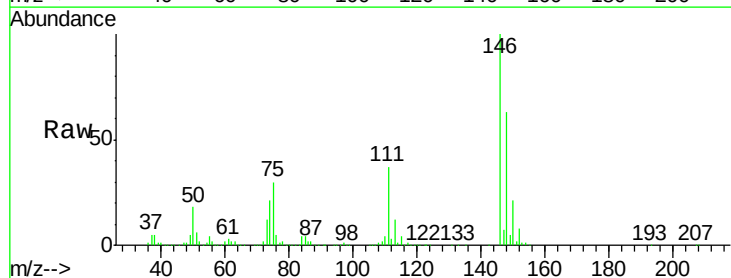
Manual Integrations
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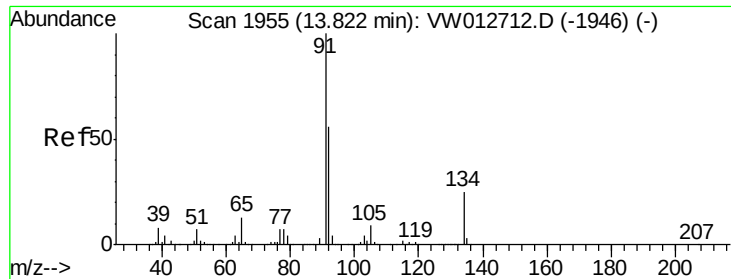
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#88
 1,4-Dichlorobenzene
 Concen: 49.779 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	212181		
111	38.7	20.0	60.0	
148	63.9	32.2	96.6	





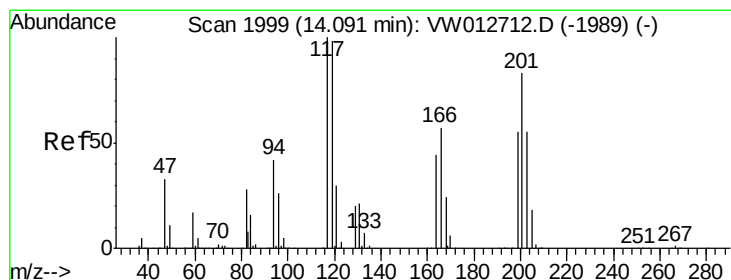
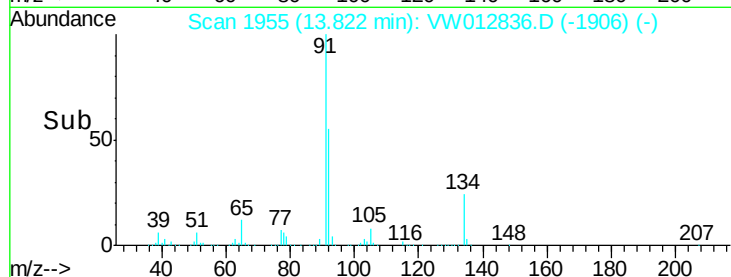
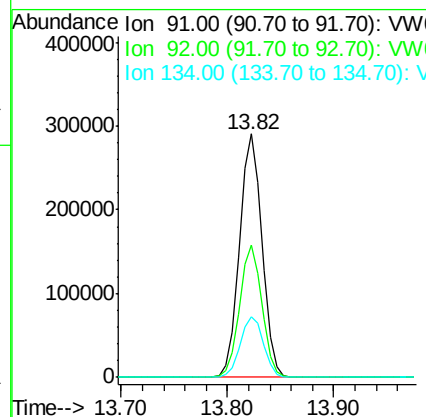
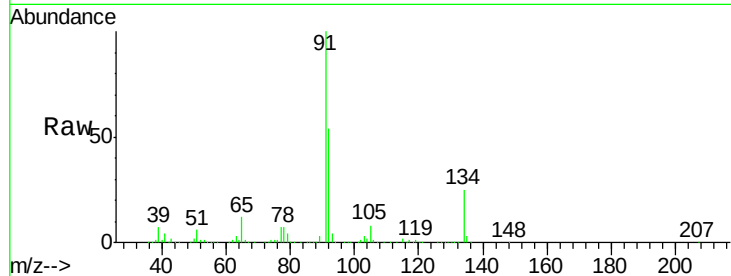
#89
n-Butylbenzene
Concen: 48.918 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.8	27.2	81.5	
134	25.7	12.7	38.1	

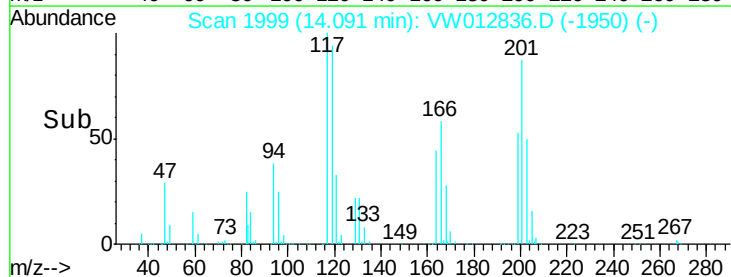
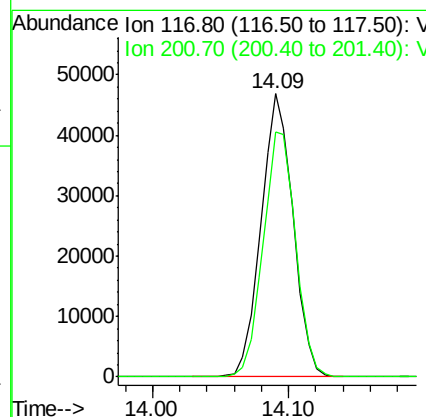
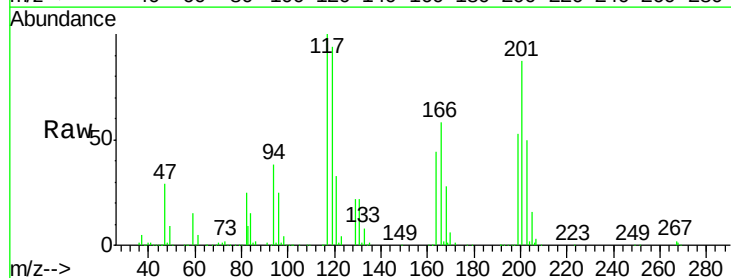
Manual Integrations
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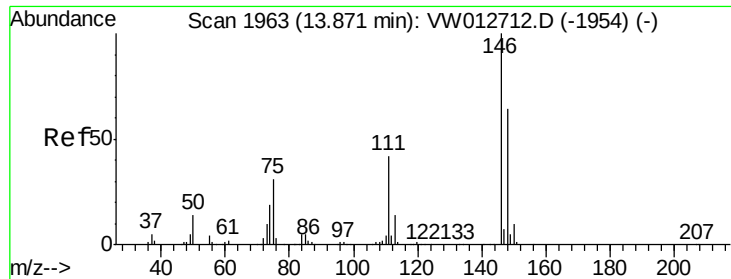
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#90
Hexachloroethane
Concen: 48.861 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012836.D
Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.8	42.8	128.4	





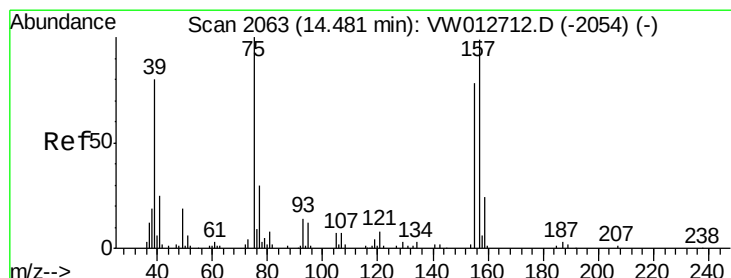
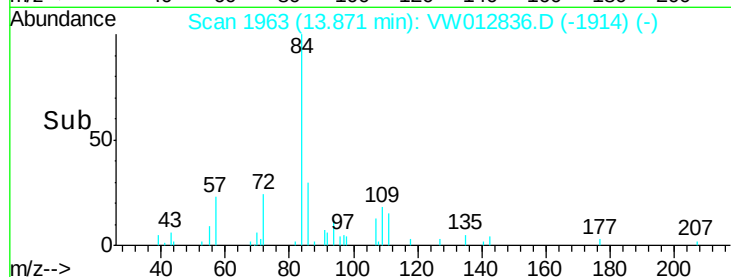
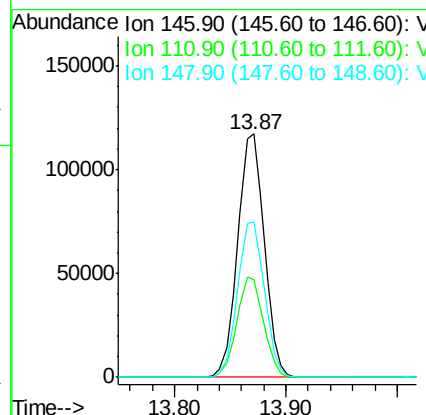
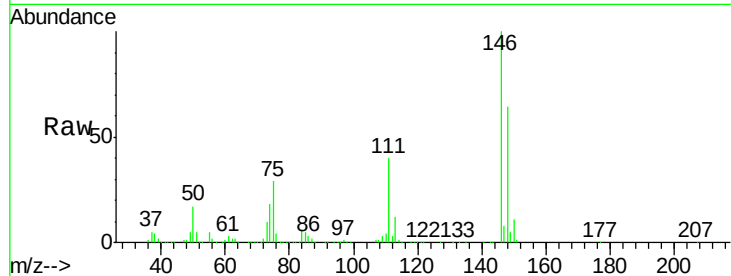
#91
 1,2-Dichlorobenzene
 Concen: 50.301 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	193937		
111	41.3	21.3	63.9	
148	64.5	32.1	96.5	

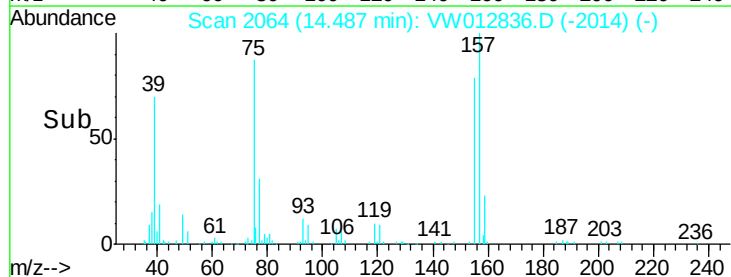
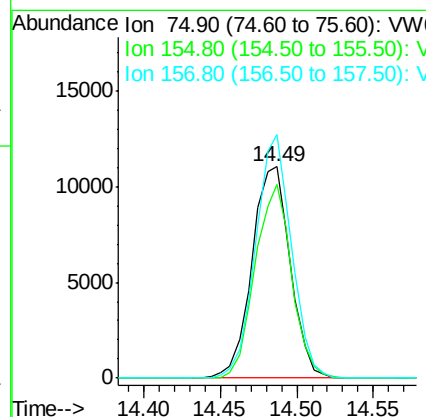
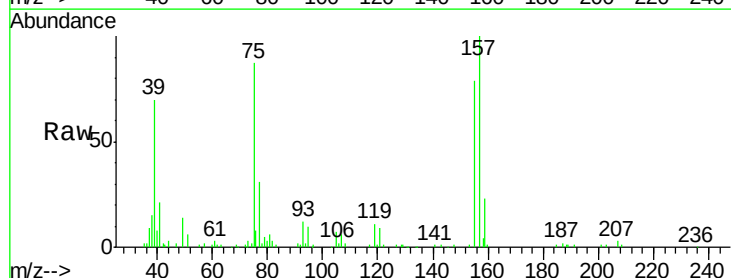
Manual Integrations
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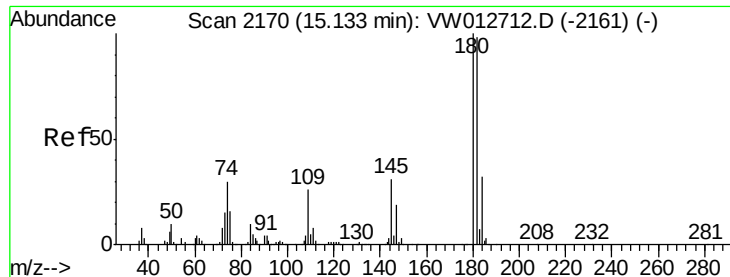
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 9/11/2019 8:15:42 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.419 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19239		
155	87.2	40.6	122.0	
157	107.8	52.5	157.5	





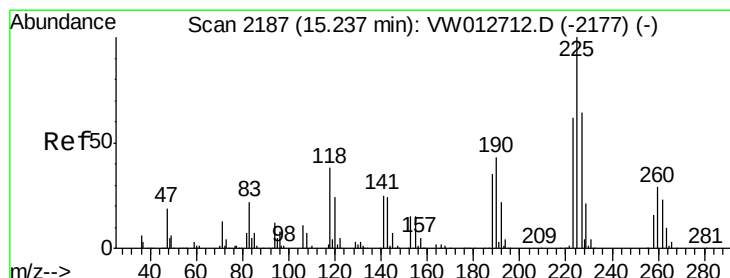
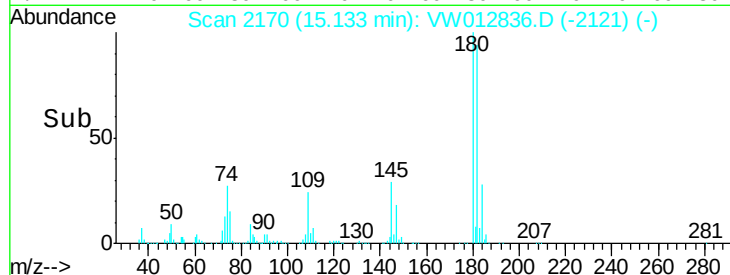
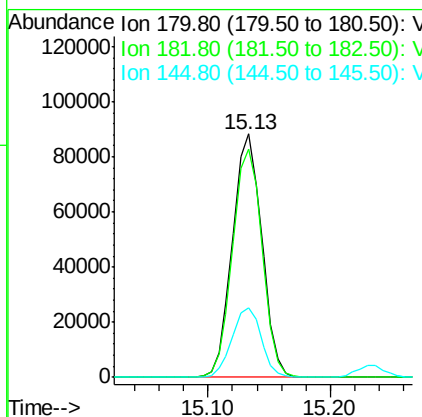
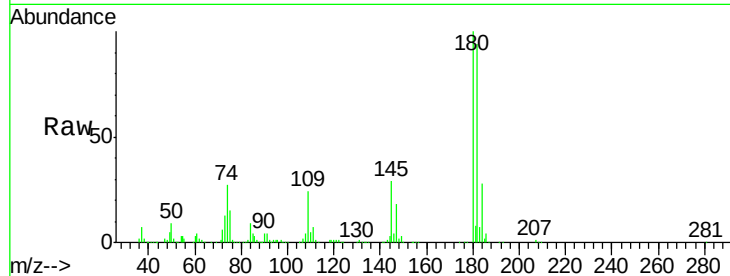
#93
 1,2,4-Trichlorobenzene
 Concen: 54.455 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	146174		
182	94.8	48.7	146.1	
145	28.7	15.0	45.1	

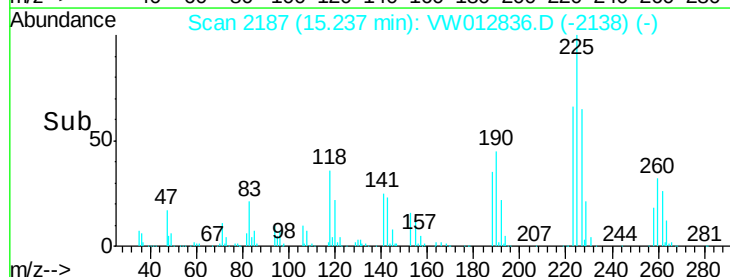
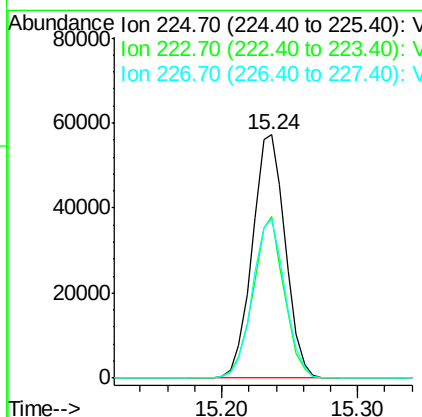
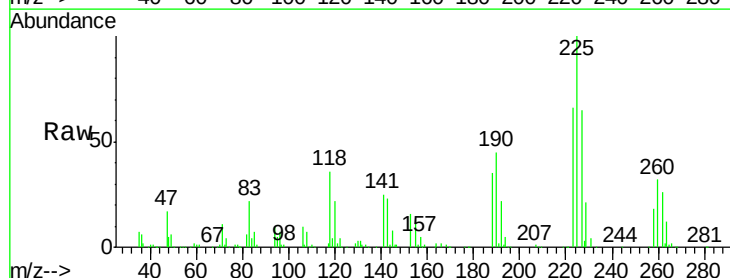
Manual Integrations
 APPROVED

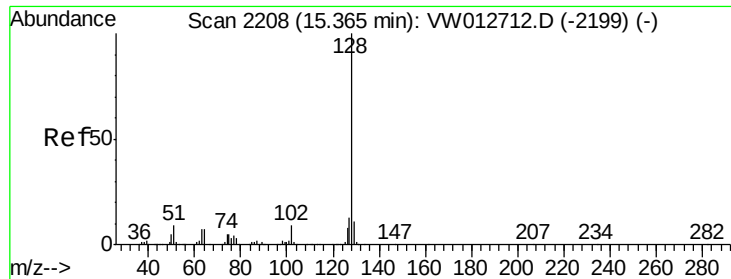
MMDadoda
 9/11/2019 8:15:42 AM



#94
 Hexachlorobutadiene
 Concen: 52.385 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012836.D
 Acq: 09 Sep 2019 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97330		
223	62.5	31.1	93.3	
227	64.3	31.4	94.2	





#95

Naphthalene

Concen: 52.748 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Instrument :

MSVOA_W

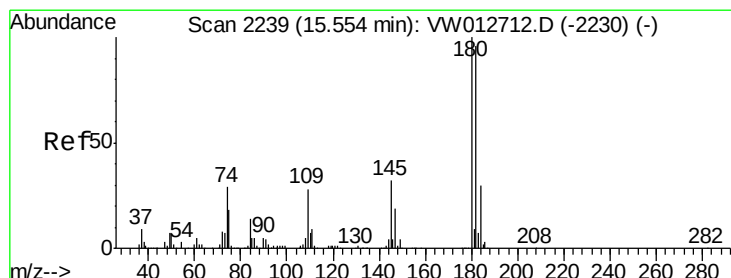
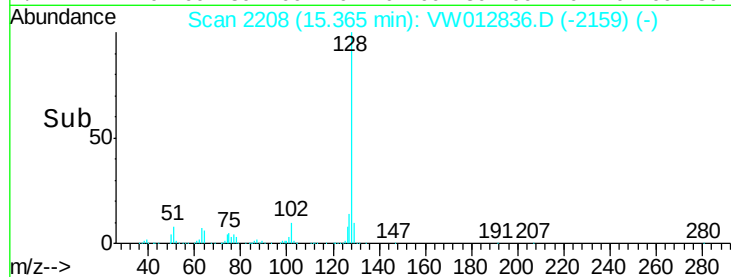
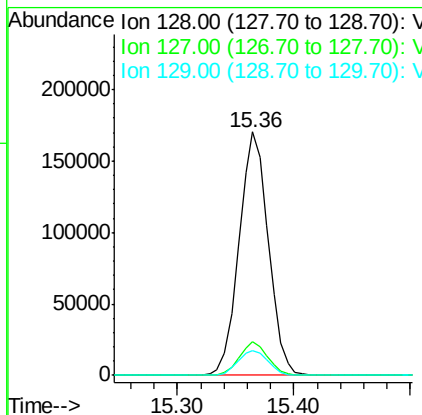
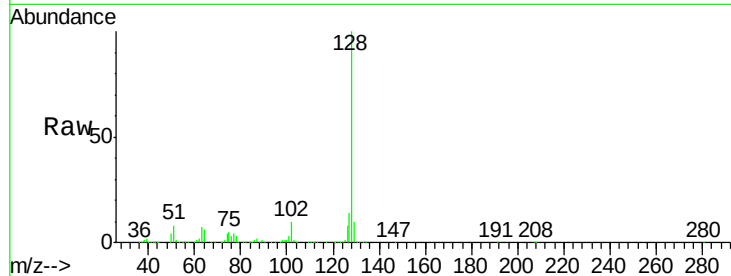
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	298312
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.7	16.1
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/11/2019 8:15:42 AM



#96

1,2,3-Trichlorobenzene

Concen: 56.162 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW012836.D

Acq: 09 Sep 2019 21:33

Tgt Ion:	180	Resp:	133072
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.8	143.3
145	30.5	15.4	46.2

