

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111319\
 Data File : VW013995.D
 Acq On : 13 Nov 2019 09:49
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 10:49:58 AM

Quant Time: Nov 14 06:04:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	342717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	494286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	419078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	207607	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	141352	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	
35) Dibromofluoromethane	7.88	113	154945	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
50) Toluene-d8	10.32	98	627707	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	
62) 4-Bromofluorobenzene	12.62	95	209633	55.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	87276	48.338	ug/l	96
3) Chloromethane	2.21	50	85266	43.942	ug/l	99
4) Vinyl Chloride	2.37	62	151097	51.562	ug/l	98
5) Bromomethane	2.78	94	99223	51.484	ug/l	97
6) Chloroethane	2.92	64	93362	52.652	ug/l	100
7) Trichlorofluoromethane	3.26	101	95786	52.331	ug/l	100
8) Diethyl Ether	3.68	74	73368	49.614	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	149500	50.242	ug/l	98
10) Methyl Iodide	4.27	142	253002	52.178	ug/l	99
11) Tert butyl alcohol	5.16	59	37222	242.521	ug/l	100
12) 1,1-Dichloroethene	4.04	96	157230	51.154	ug/l	99
13) Acrolein	3.89	56	57168	325.122	ug/l	100
14) Allyl chloride	4.67	41	248849	52.653	ug/l	100
15) Acrylonitrile	5.36	53	149267	248.237	ug/l	98
16) Acetone	4.12	43	155217	284.739	ug/l	92
17) Carbon Disulfide	4.39	76	458182	51.906	ug/l	100
18) Methyl Acetate	4.67	43	69289	46.369	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	190102	51.540	ug/l	100
20) Methylene Chloride	4.92	84	165014	55.546	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	172541	52.156	ug/l	98
22) Diisopropyl ether	6.31	45	461459	53.526	ug/l	99
23) Vinyl Acetate	6.25	43	1276954	255.272	ug/l	100
24) 1,1-Dichloroethane	6.21	63	288350	52.812	ug/l	100
25) 2-Butanone	7.17	43	197940	252.567	ug/l	91
26) 2,2-Dichloropropane	7.17	77	168719	53.439	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	183838	52.319	ug/l	97
28) Bromochloromethane	7.51	49	97250	49.993	ug/l #	100
29) Tetrahydrofuran	7.52	42	118059	243.321	ug/l	99
30) Chloroform	7.67	83	287525	53.271	ug/l	100
31) Cyclohexane	7.95	56	270521	47.344	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	229860	54.269	ug/l	99
36) 1,1-Dichloropropene	8.08	75	235661	51.194	ug/l	99
37) Ethyl Acetate	7.25	43	80532	45.701	ug/l	99
38) Carbon Tetrachloride	8.07	117	216207	52.157	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	290171	48.811	ug/l	99
40) Benzene	8.32	78	677352	51.994	ug/l	98
41) Methacrylonitrile	7.48	41	52690	47.950	ug/l	95
42) 1,2-Dichloroethane	8.40	62	164764	50.189	ug/l	100
43) Isopropyl Acetate	8.42	43	157977	46.836	ug/l	99
44) Trichloroethene	9.09	130	187629	50.280	ug/l	100
45) 1,2-Dichloropropane	9.37	63	160573	51.603	ug/l	99
46) Dibromomethane	9.46	93	74039	49.023	ug/l	99
47) Bromodichloromethane	9.64	83	204709	52.385	ug/l	99
48) Methyl methacrylate	9.43	41	79782	47.697	ug/l	99
49) 1,4-Dioxane	9.44	88	21194	949.660	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	391939	233.840	ug/l	100
52) Toluene	10.38	92	432749	51.498	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	201909	51.039	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	252914	51.819	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	109313	48.566	ug/l	97
56) Ethyl methacrylate	10.65	69	137052	48.668	ug/l	99
57) 1,3-Dichloropropane	10.93	76	192771	49.908	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	338090	260.860	ug/l	99
59) 2-Hexanone	10.97	43	279728	242.085	ug/l	99
60) Dibromochloromethane	11.13	129	135458	50.687	ug/l	100
61) 1,2-Dibromoethane	11.23	107	103115	48.424	ug/l	99
64) Tetrachloroethene	10.86	164	159459	49.801	ug/l	95
65) Chlorobenzene	11.66	112	452126	52.501	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	160491	53.399	ug/l	99
67) Ethyl Benzene	11.73	91	818397	52.703	ug/l	99
68) m/p-Xylenes	11.84	106	629133	104.865	ug/l	98
69) o-Xylene	12.16	106	285438	51.761	ug/l	100
70) Styrene	12.18	104	497183	52.475	ug/l	99
71) Bromoform	12.35	173	78530	49.790	ug/l #	99
73) Isopropylbenzene	12.46	105	818566	54.904	ug/l	99
74) N-amyl acetate	12.27	43	145678	50.512	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	116160	49.373	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	75154m	50.408	ug/l	
77) Bromobenzene	12.74	156	191077	53.650	ug/l	100
78) n-propylbenzene	12.80	91	943551	54.679	ug/l	99
79) 2-Chlorotoluene	12.89	91	524673	54.105	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	678583	53.918	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	39504	50.075	ug/l	98
82) 4-Chlorotoluene	12.99	91	549457	53.970	ug/l	99
83) tert-Butylbenzene	13.21	119	606063	54.251	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	674632	54.340	ug/l	99
85) sec-Butylbenzene	13.38	105	826182	54.081	ug/l	99
86) p-Isopropyltoluene	13.50	119	779858	54.802	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	367402	53.242	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	359716	52.472	ug/l	99
89) n-Butylbenzene	13.82	91	690844	53.784	ug/l	99
90) Hexachloroethane	14.09	117	134766	54.484	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	313948	52.471	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17515	49.232	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	213958	49.136	ug/l	99
94) Hexachlorobutadiene	15.24	225	156928	53.384	ug/l	99
95) Naphthalene	15.36	128	321070	47.028	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	182981	48.768	ug/l	100

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

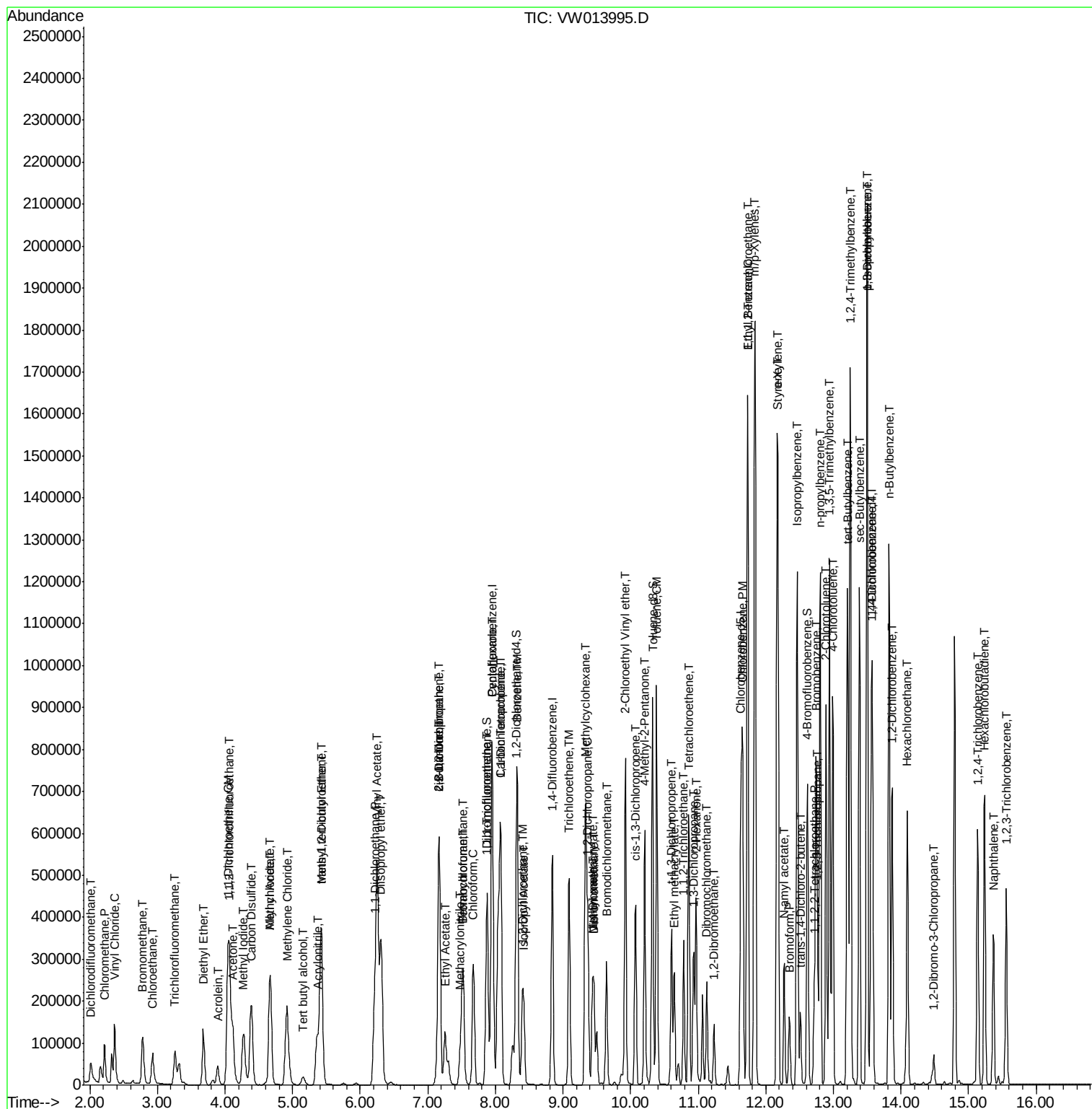
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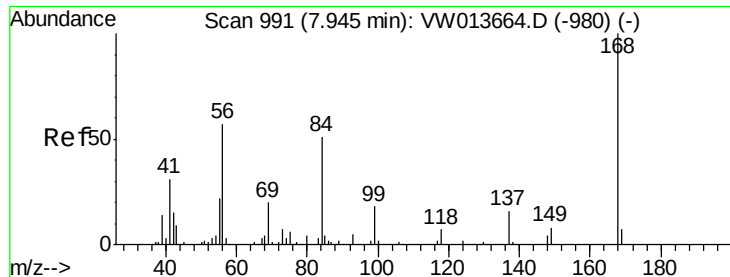
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 342717

Ion Ratio Lower Upper

168 100

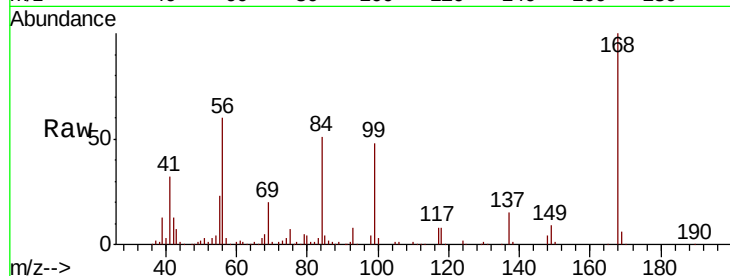
99 47.9 39.0 58.6

Manual Integrations

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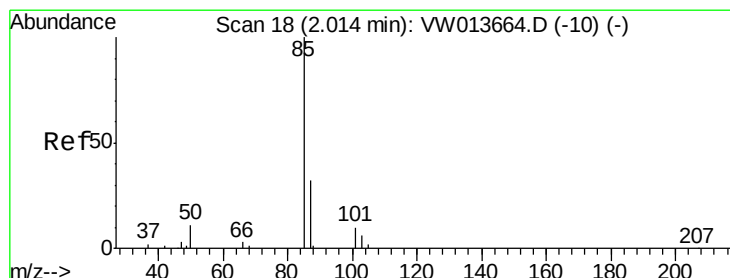
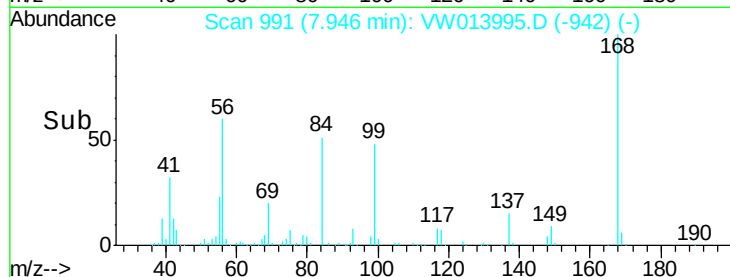
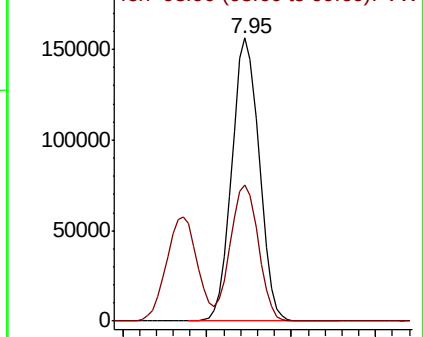
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 48.338 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW013995.D

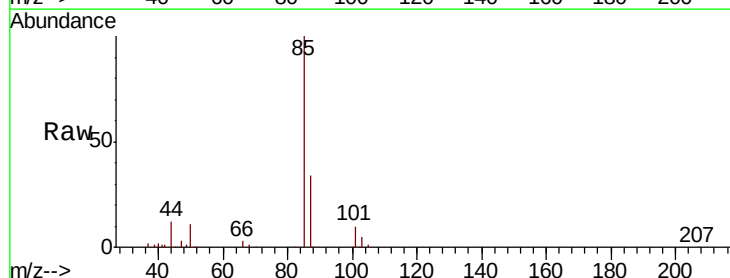
Acq: 13 Nov 2019 09:49

Tgt Ion: 85 Resp: 87276

Ion Ratio Lower Upper

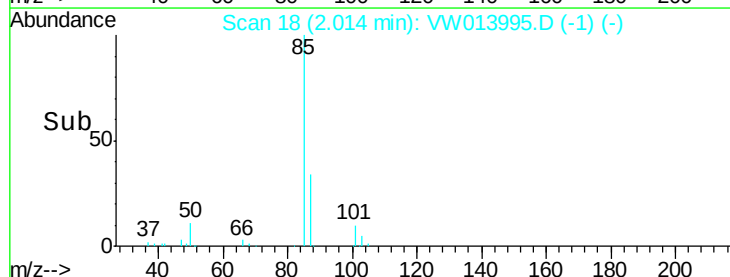
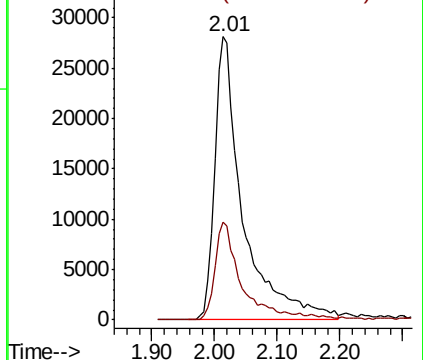
85 100

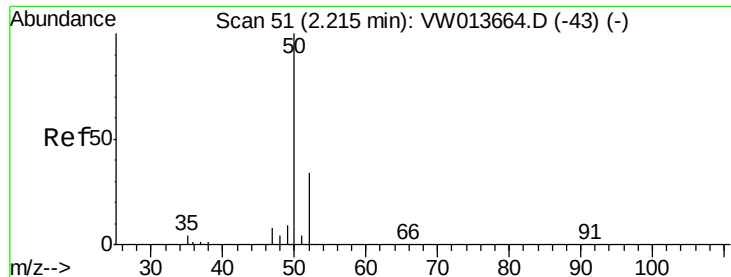
87 34.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 43.942 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 85266

Ion Ratio Lower Upper

50 100

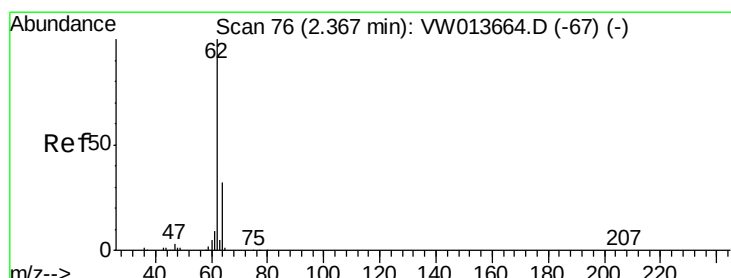
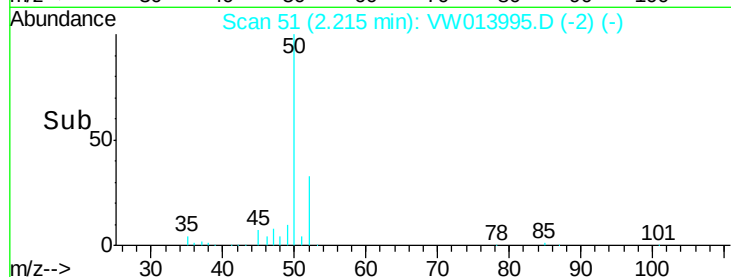
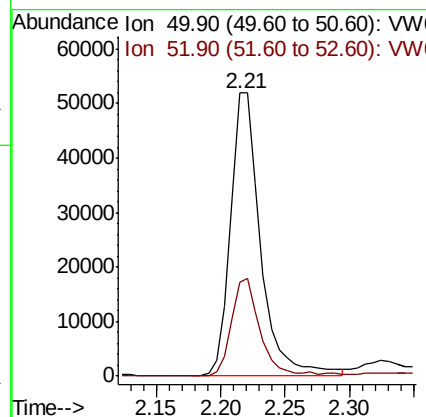
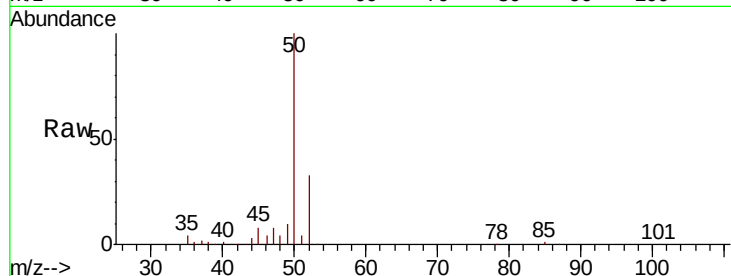
52 33.0 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.562 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW013995.D

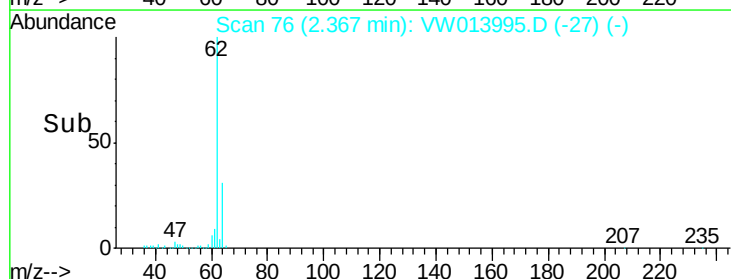
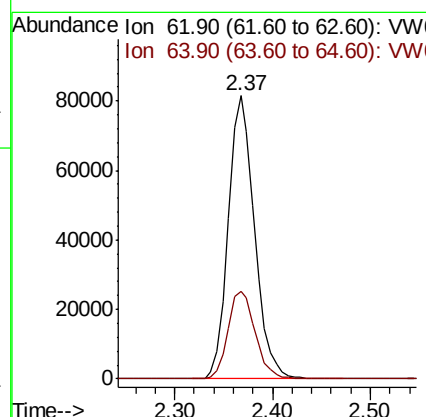
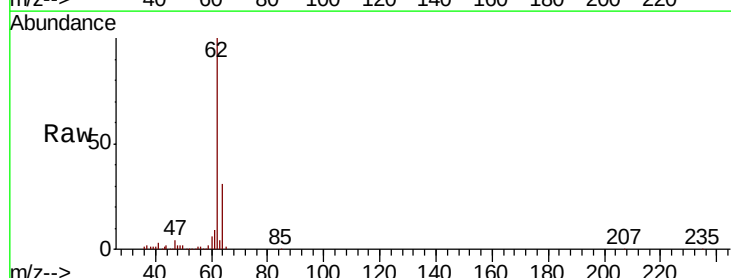
Acq: 13 Nov 2019 09:49

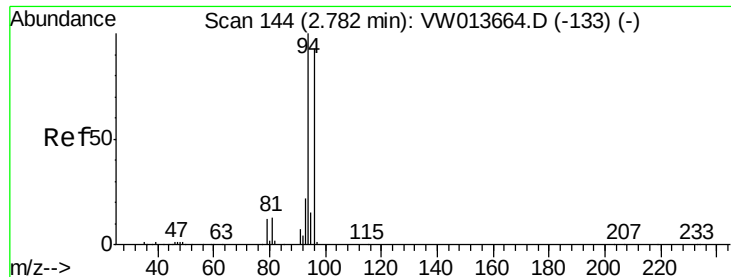
Tgt Ion: 62 Resp: 151097

Ion Ratio Lower Upper

62 100

64 30.9 25.5 38.3





#5

Bromomethane

Concen: 51.484 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 94 Resp: 99223

Ion Ratio Lower Upper

94 100

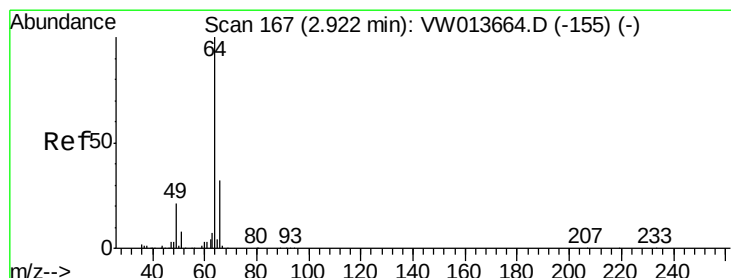
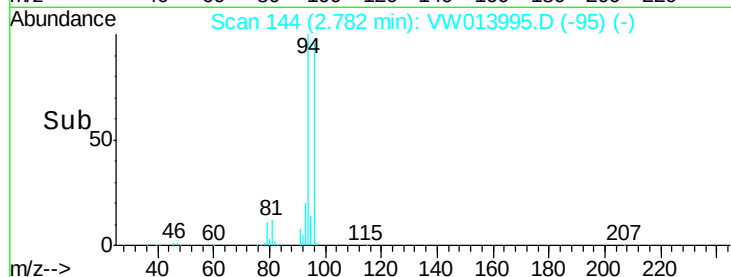
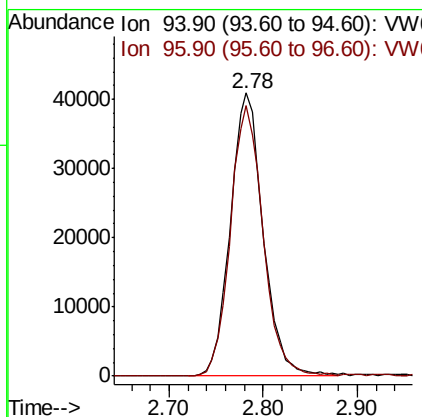
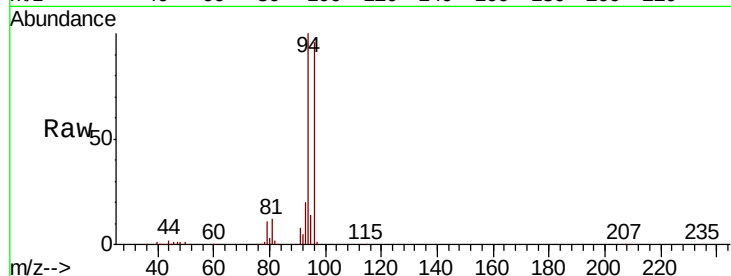
96 95.8 74.6 112.0

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#6

Chloroethane

Concen: 52.652 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW013995.D

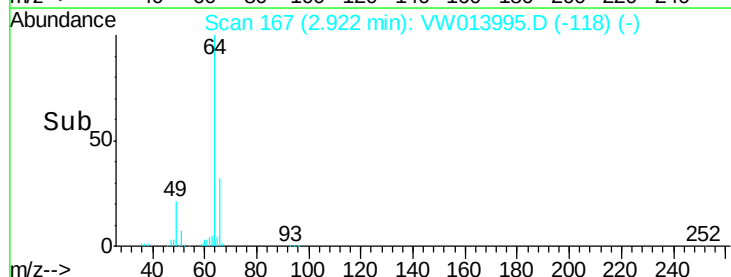
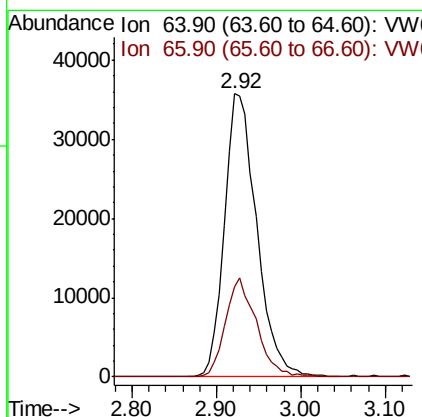
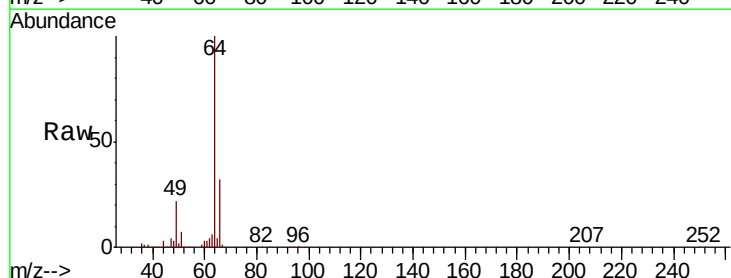
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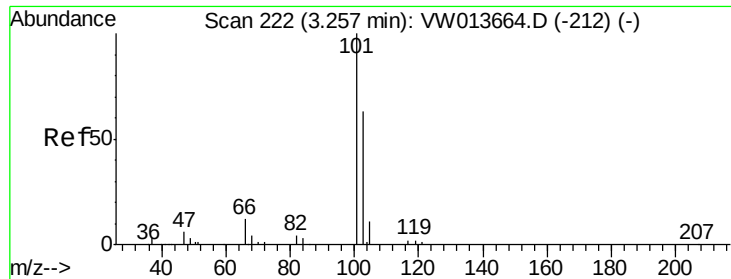
Tgt Ion: 64 Resp: 93362

Ion Ratio Lower Upper

64 100

66 31.9 25.4 38.0





#7

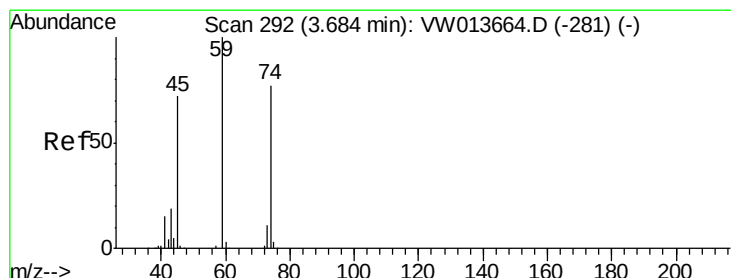
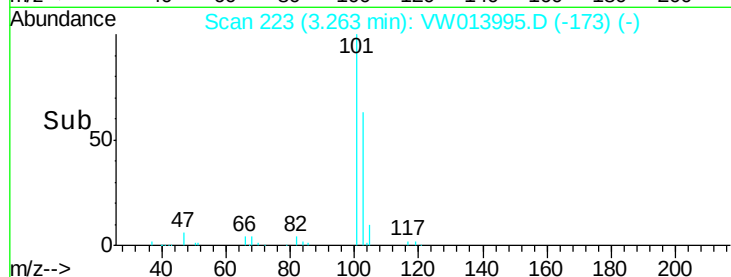
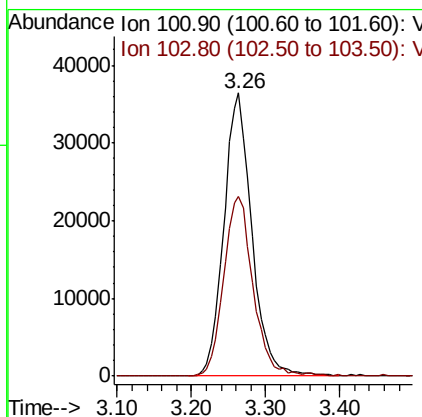
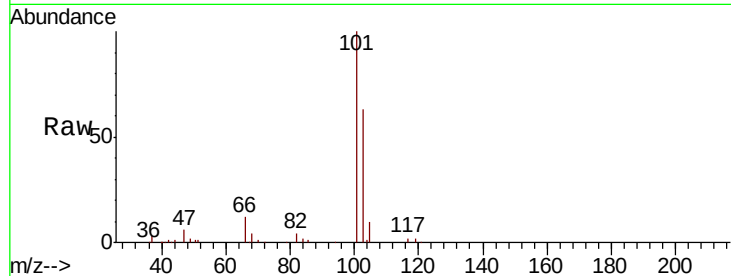
Trichlorofluoromethane
Concen: 52.331 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	50.6	76.0

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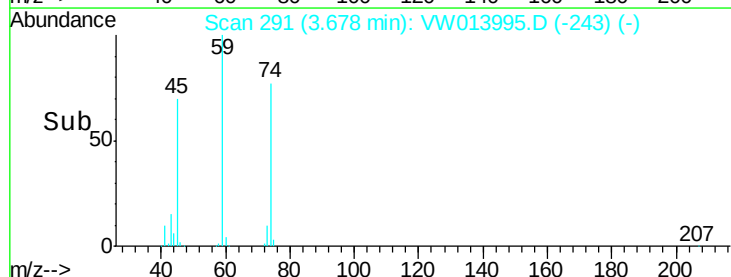
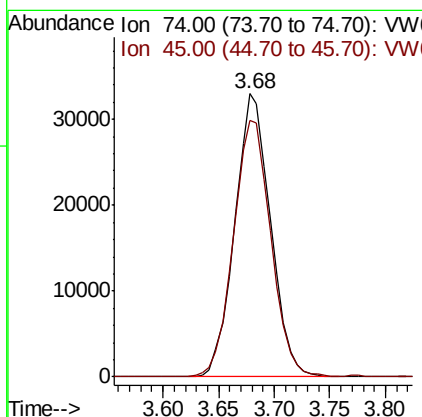
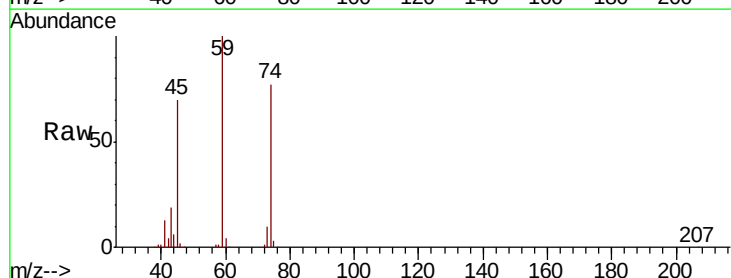
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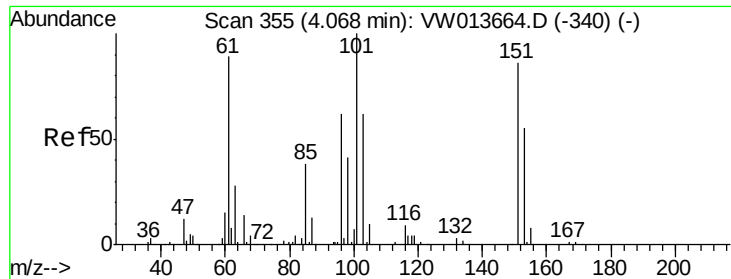


#8

Diethyl Ether
Concen: 49.614 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW013995.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.1	47.9	143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.242 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

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MSVOA_W

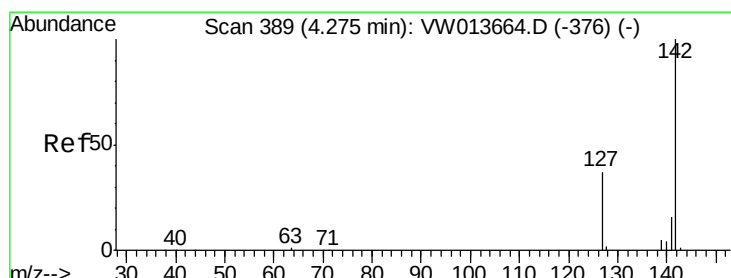
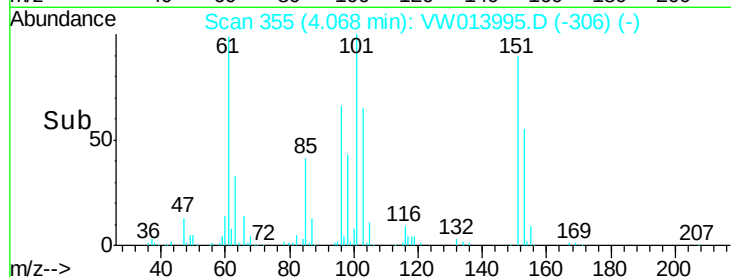
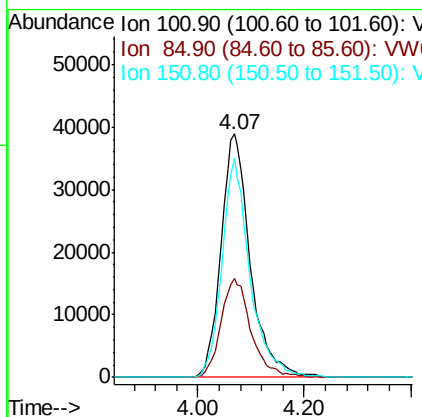
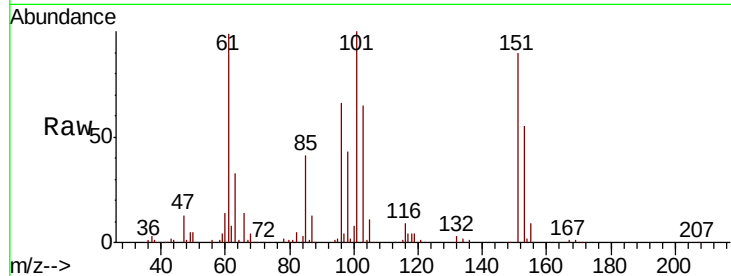
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	149500
Ion Ratio	Lower	Upper	
101	100		
85	41.6	31.0	46.6
151	85.9	68.2	102.4

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#10

Methyl Iodide

Concen: 52.178 ug/l

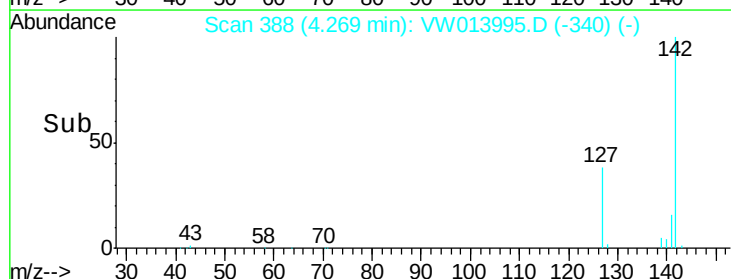
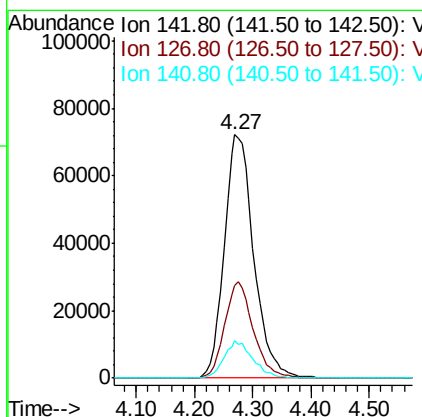
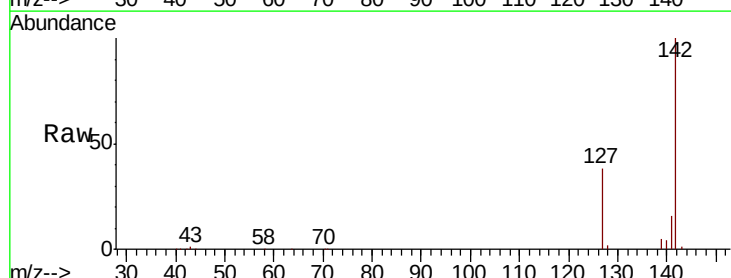
RT: 4.27 min Scan# 388

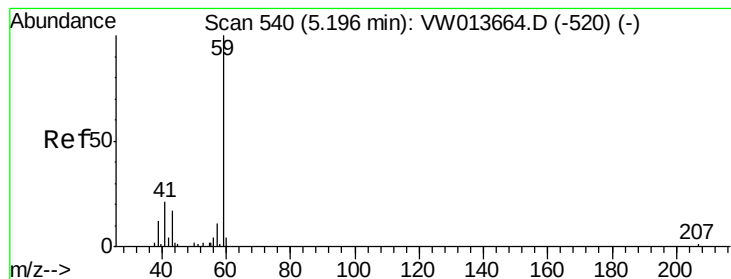
Delta R.T. -0.01 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Tgt Ion:	142	Resp:	253002
Ion Ratio	Lower	Upper	
142	100		
127	38.4	30.3	45.5
141	14.9	11.8	17.8





#11

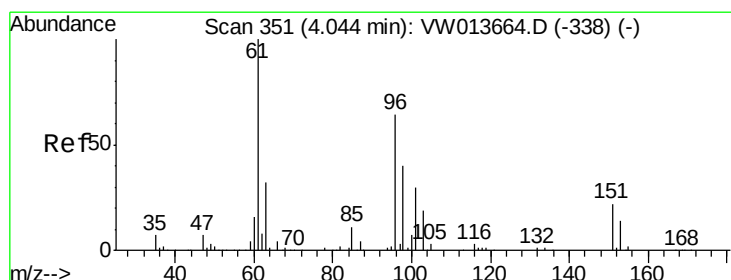
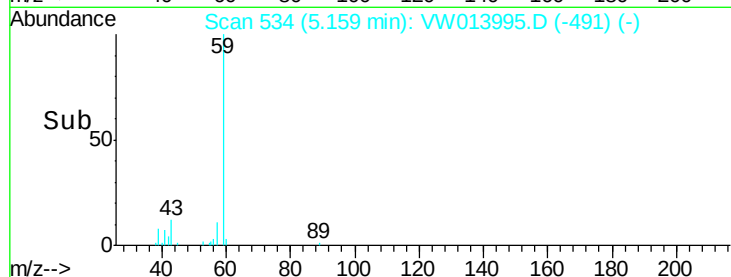
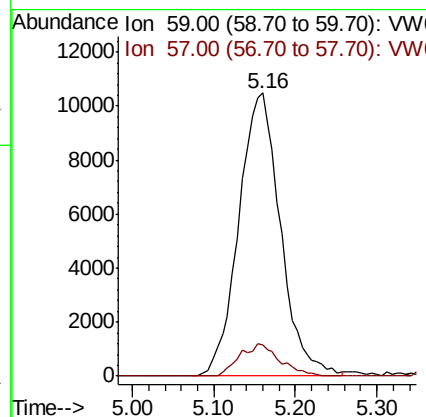
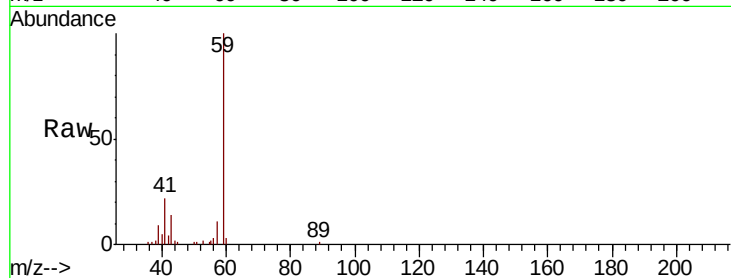
Tert butyl alcohol
Concen: 242.521 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.04 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.8	13.2

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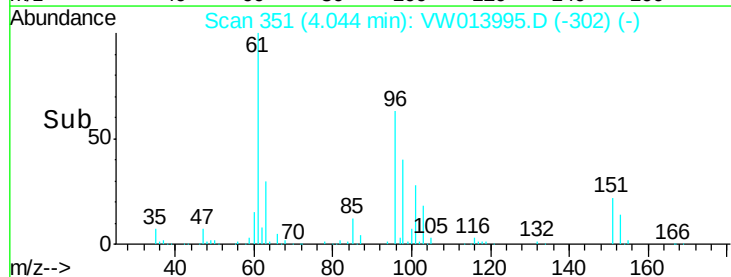
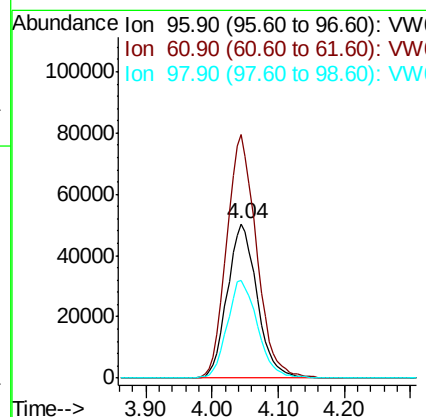
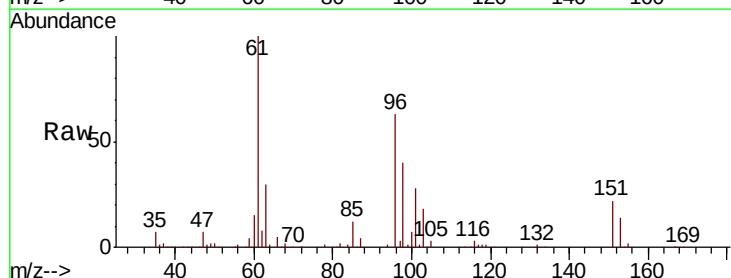
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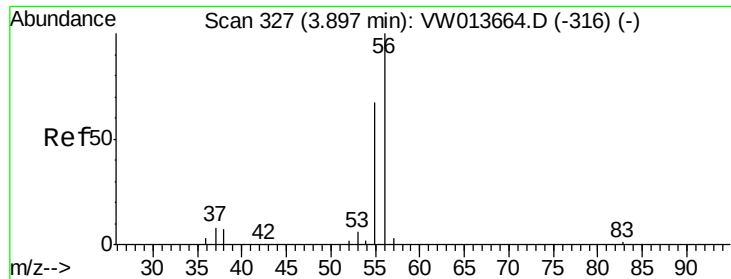


#12

1,1-Dichloroethene
Concen: 51.154 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.1	125.0	187.6
98	63.3	50.3	75.5





#13

Acrolein

Concen: 325.122 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 57168

Ion Ratio Lower Upper

56 100

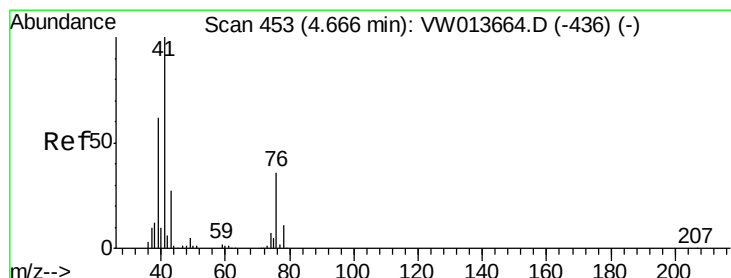
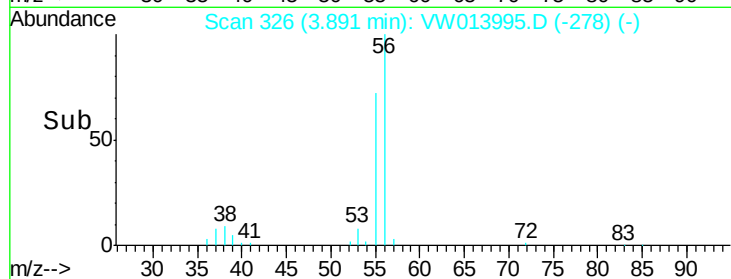
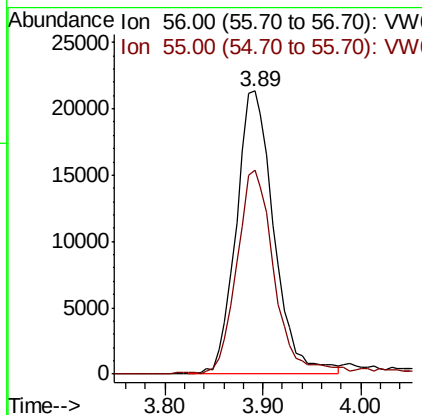
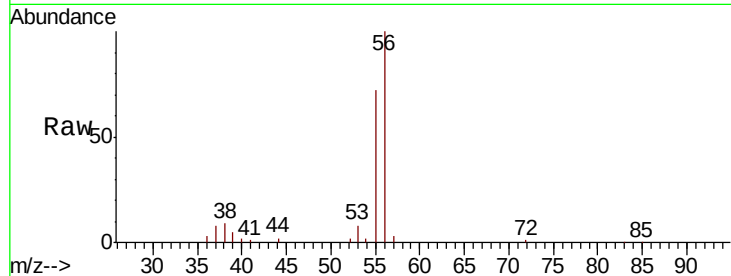
55 70.4 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 52.653 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

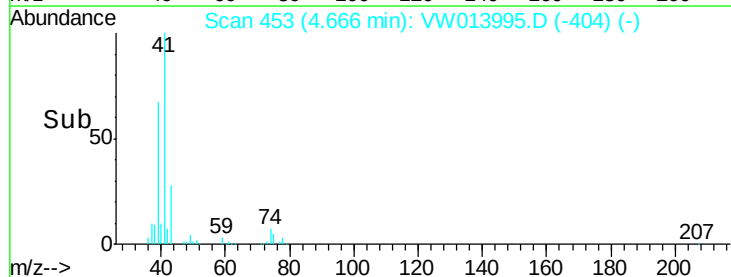
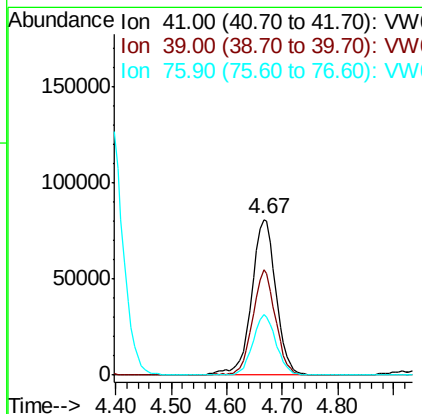
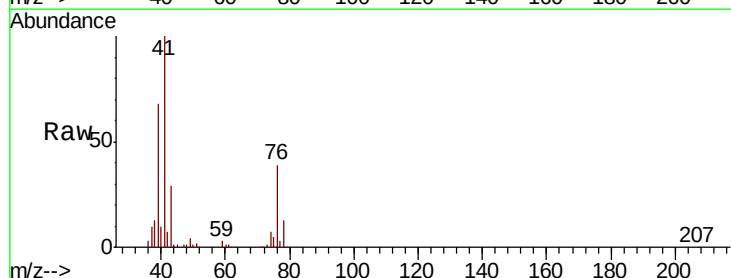
Tgt Ion: 41 Resp: 248849

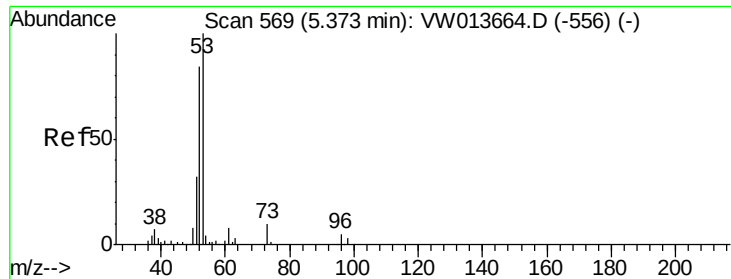
Ion Ratio Lower Upper

41 100

39 62.5 50.0 75.0

76 36.9 29.6 44.4





#15

Acrylonitrile

Concen: 248.237 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Instrument :

MSVOA_W

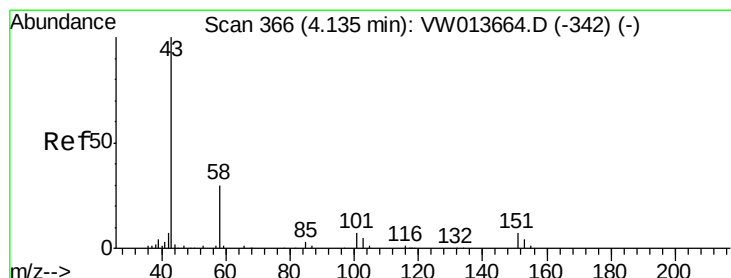
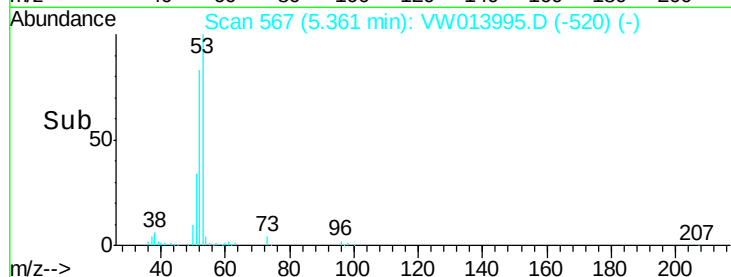
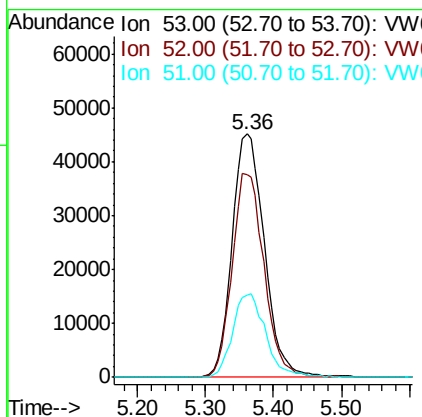
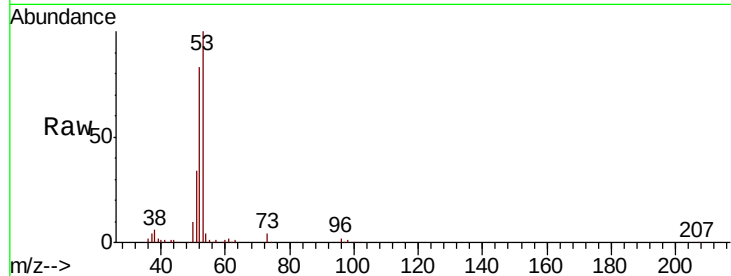
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	149267
Ion	Ratio	Lower	Upper
53	100		
52	82.4	67.4	101.0
51	35.2	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 284.739 ug/l

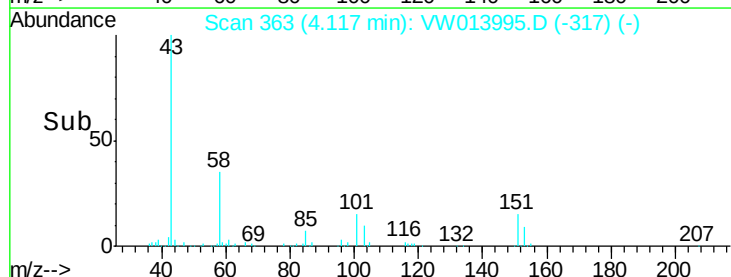
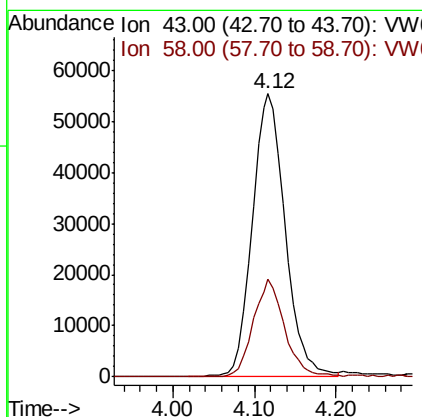
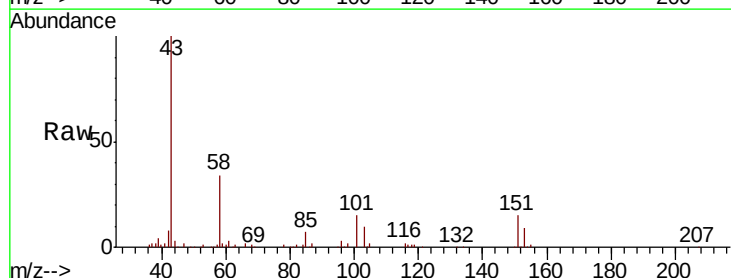
RT: 4.12 min Scan# 363

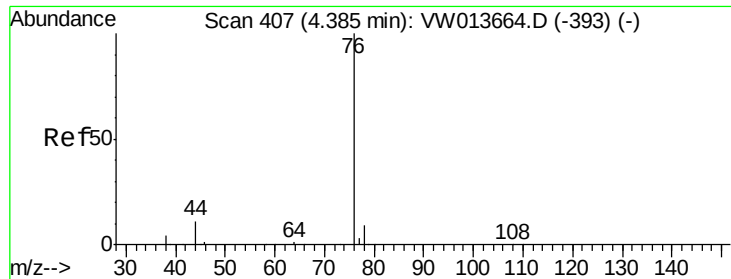
Delta R.T. -0.02 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Tgt Ion:	43	Resp:	155217
Ion	Ratio	Lower	Upper
43	100		
58	34.4	24.1	36.1





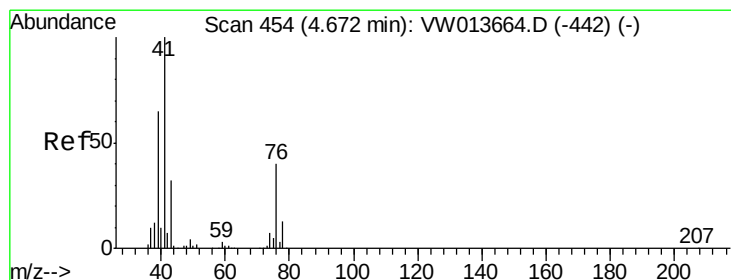
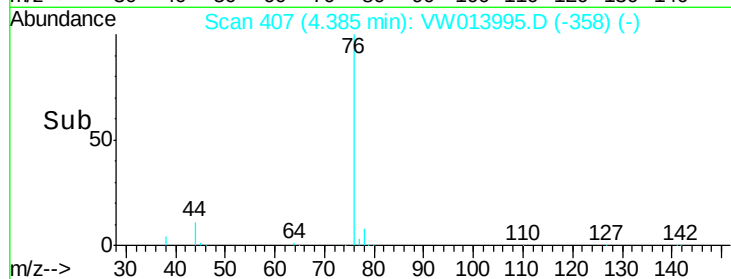
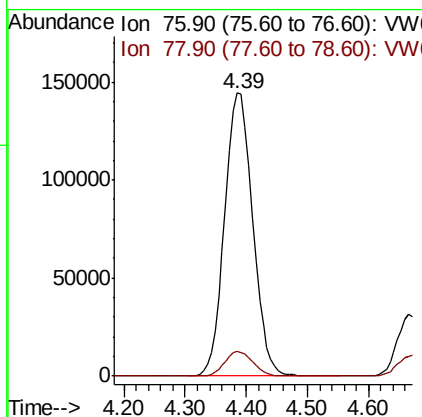
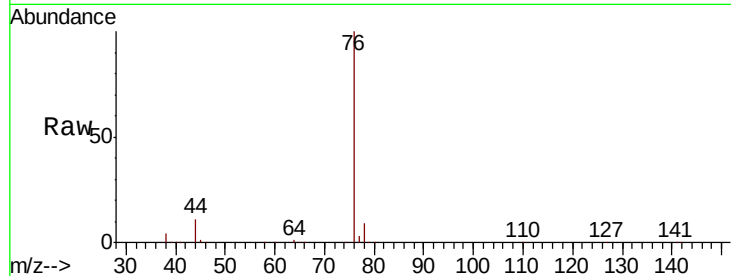
#17
Carbon Disulfide
Concen: 51.906 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

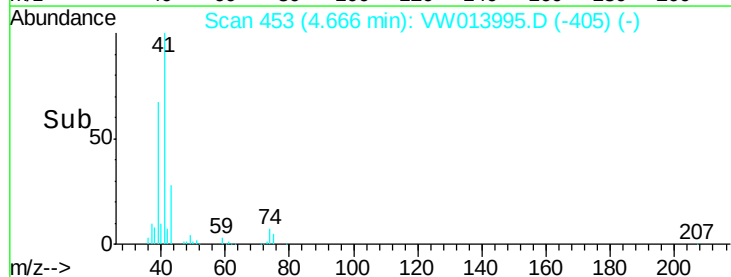
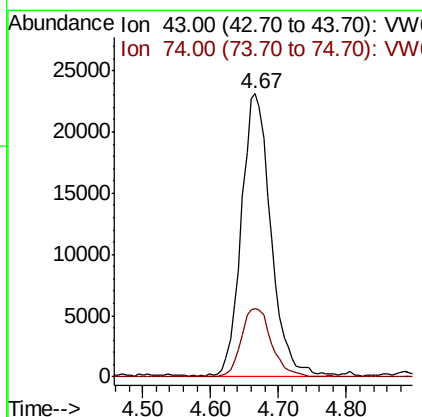
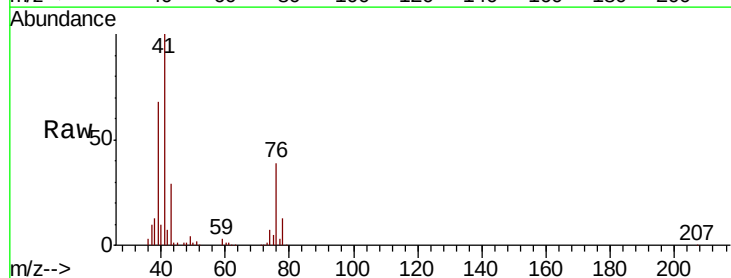
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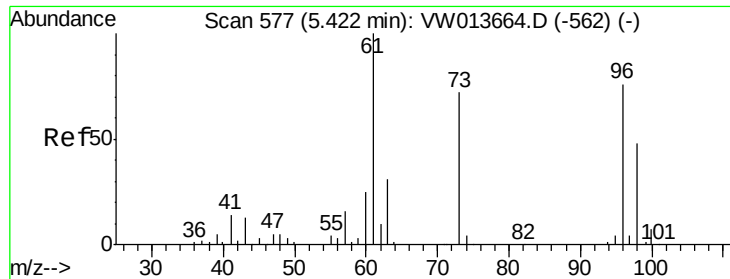
MMDadoda
11/15/2019 10:49:58 AM



#18
Methyl Acetate
Concen: 46.369 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.8	29.8





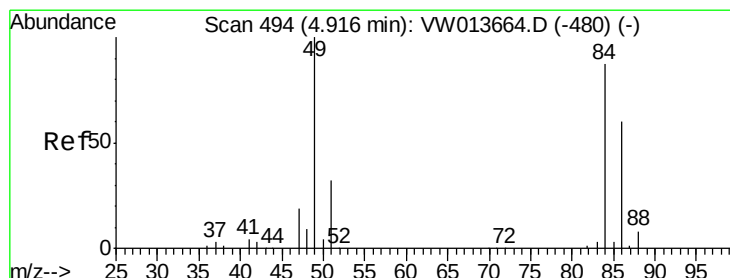
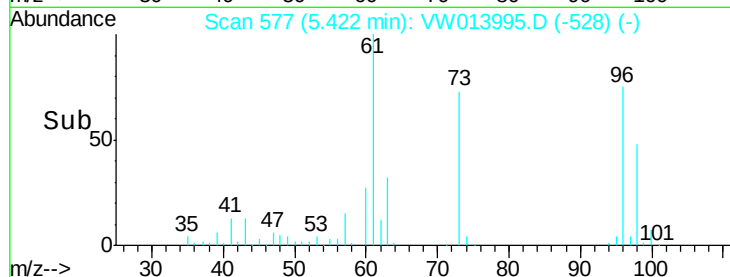
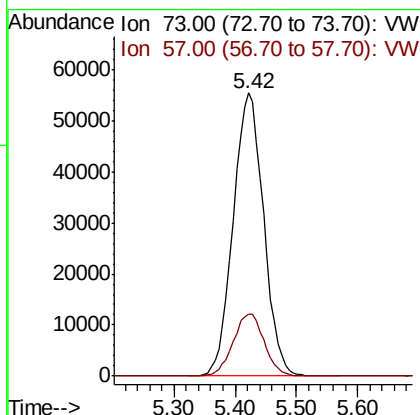
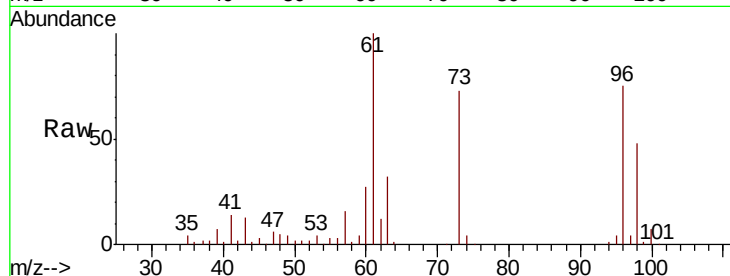
#19
Methyl tert-butyl Ether
Concen: 51.540 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.6	26.4

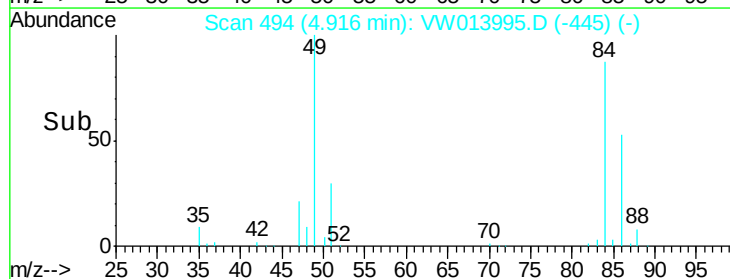
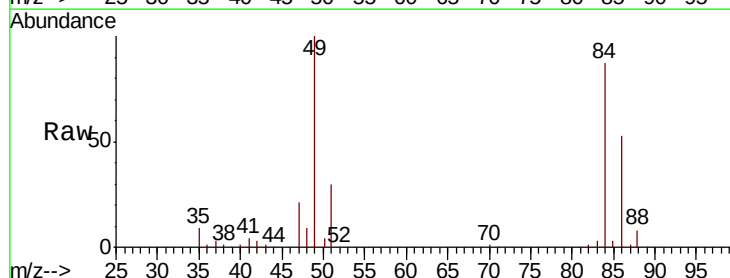
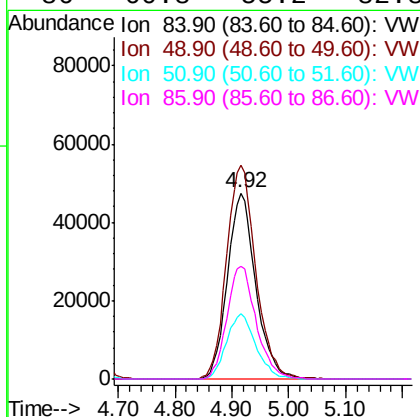
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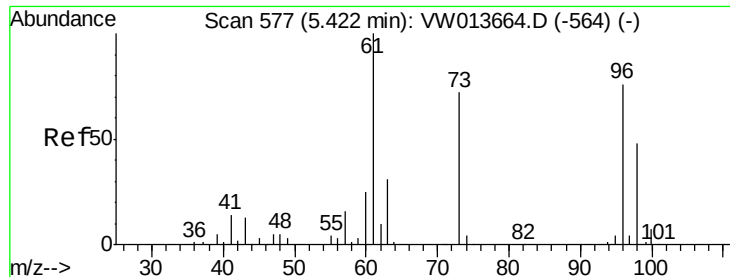
MMDadoda
11/15/2019 10:49:58 AM



#20
Methylene Chloride
Concen: 55.546 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.9	91.8	137.6
51	34.9	29.8	44.6
86	60.8	55.2	82.8





#21

trans-1,2-Dichloroethene

Concen: 52.156 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 172541

Ion Ratio Lower Upper

96 100

61 133.7 104.8 157.2

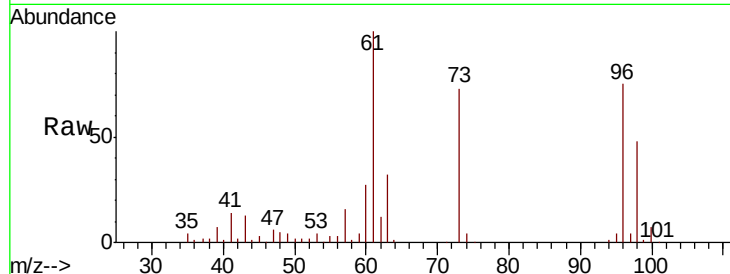
98 63.6 50.6 76.0

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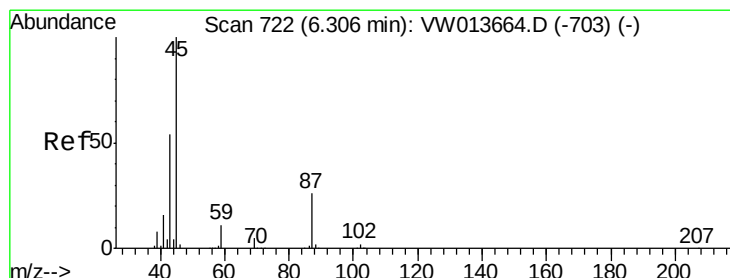
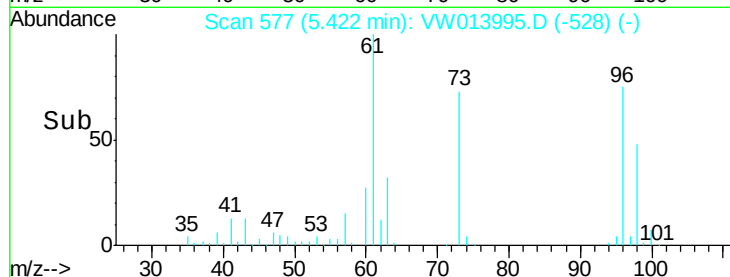
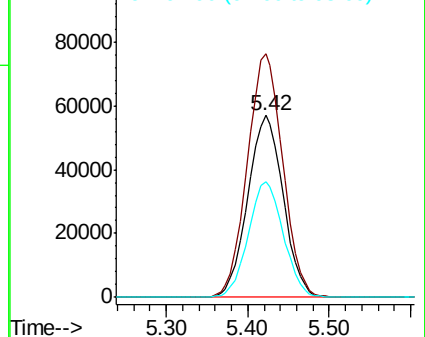


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 53.526 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Tgt Ion: 45 Resp: 461459

Ion Ratio Lower Upper

45 100

43 54.0 43.4 65.2

87 27.6 21.5 32.3

59 11.7 9.2 13.8

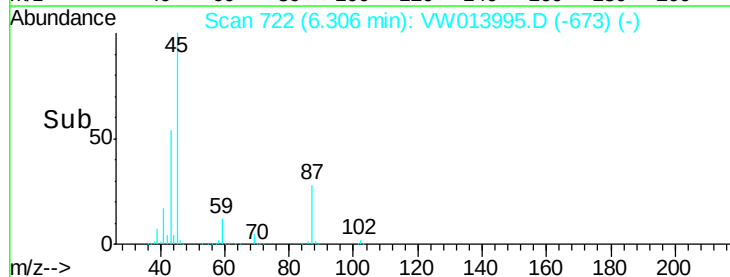
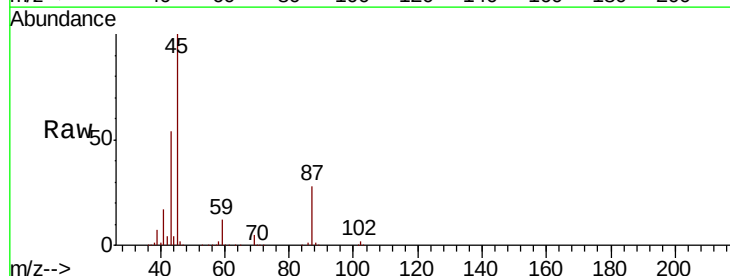
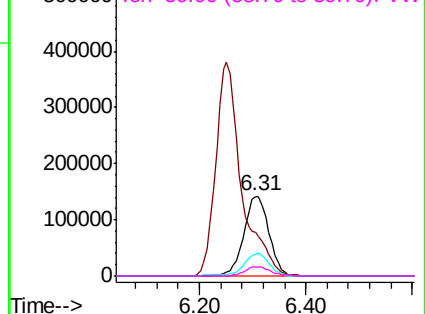
Abundance

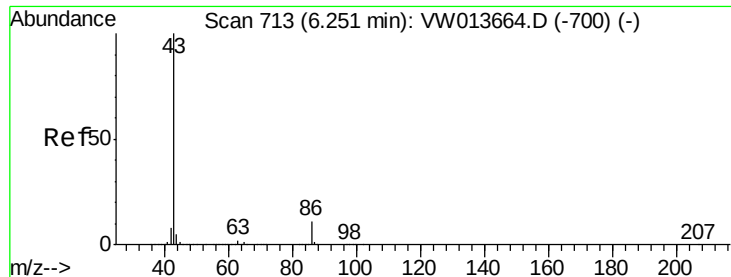
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 255.272 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1276954

Ion Ratio Lower Upper

43 100

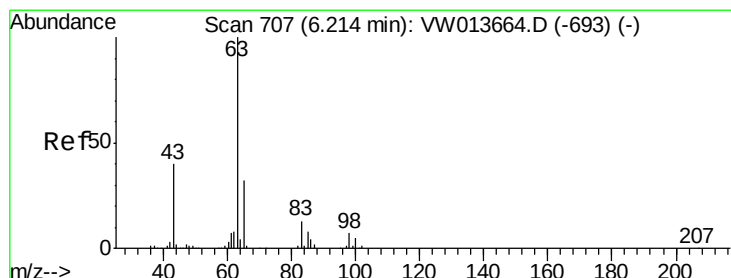
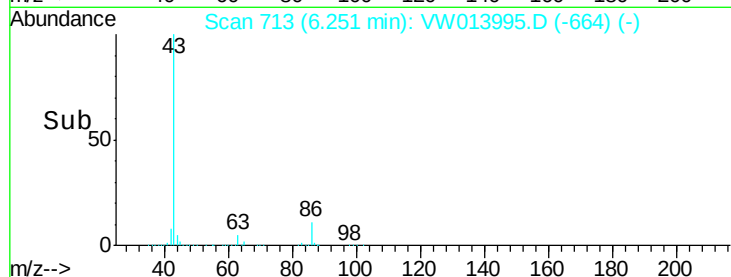
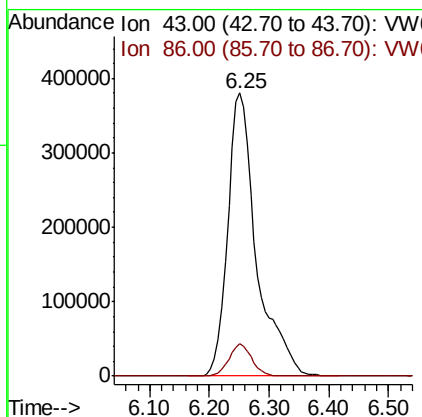
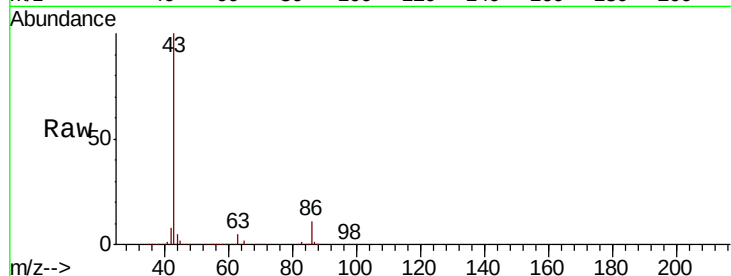
86 11.4 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 52.812 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

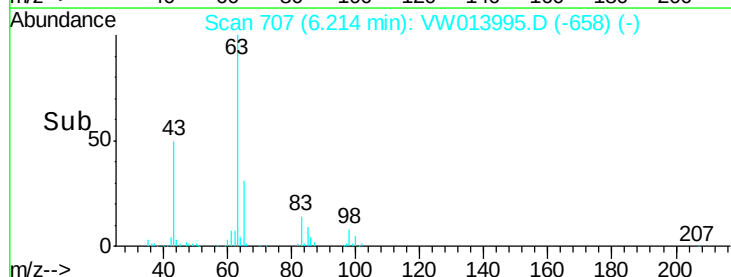
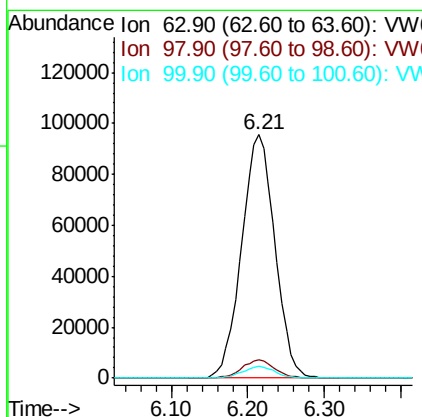
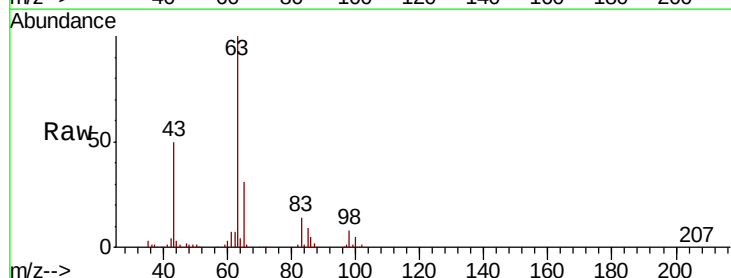
Tgt Ion: 63 Resp: 288350

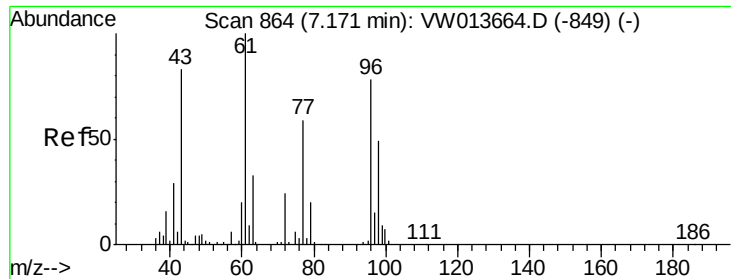
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 252.567 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 197940

Ion Ratio Lower Upper

43 100

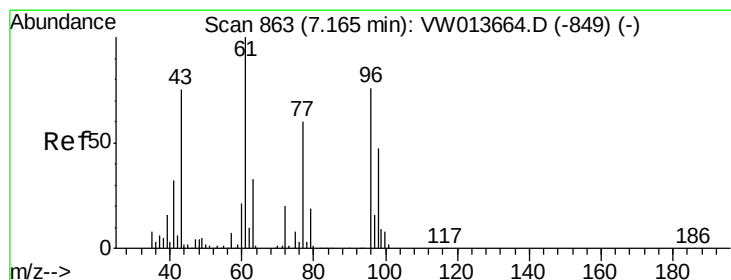
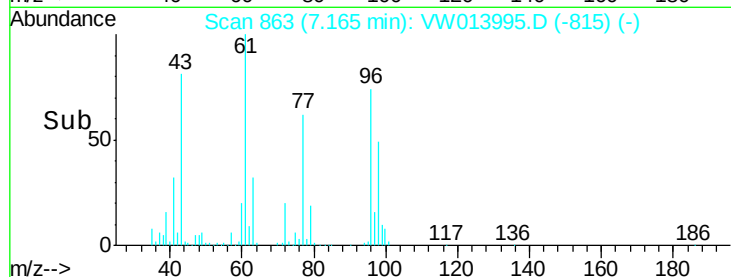
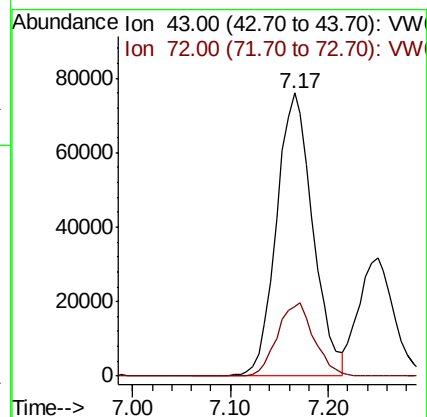
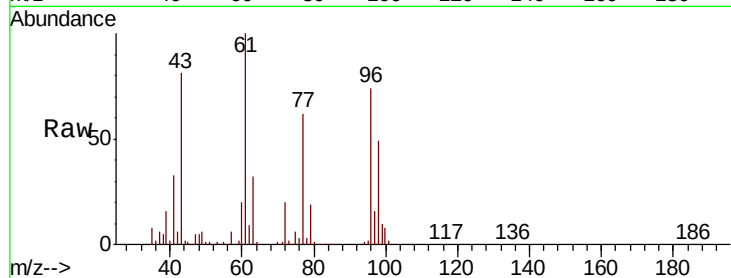
72 24.7 23.6 35.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.439 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013995.D

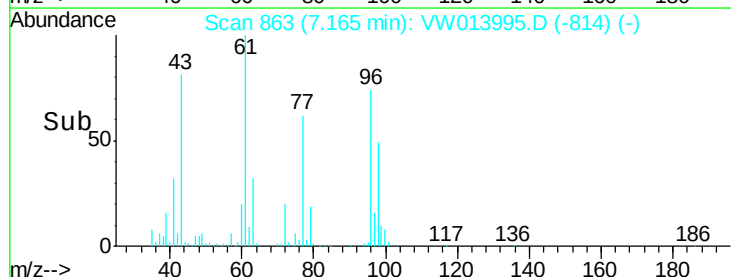
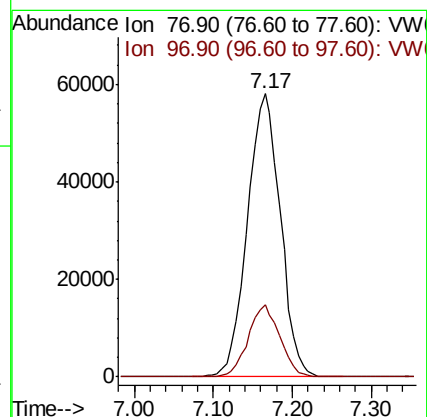
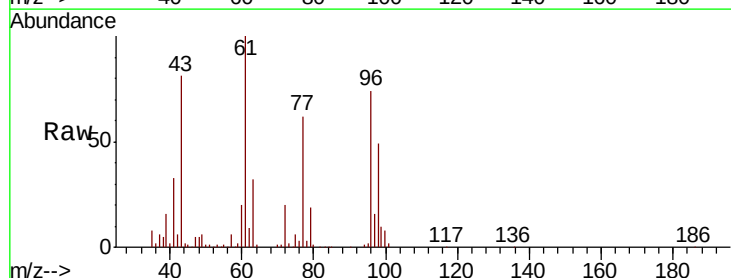
Acq: 13 Nov 2019 09:49

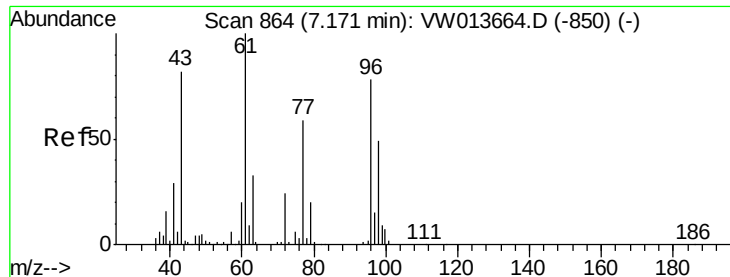
Tgt Ion: 77 Resp: 168719

Ion Ratio Lower Upper

77 100

97 24.3 12.8 38.4





#27

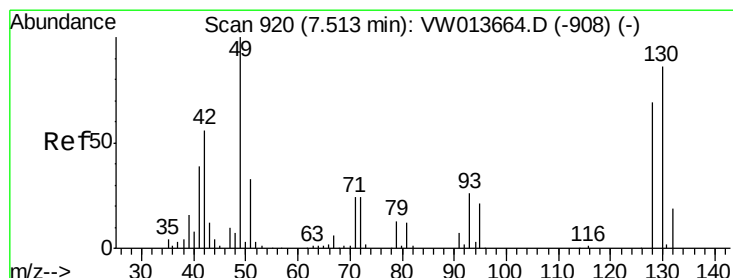
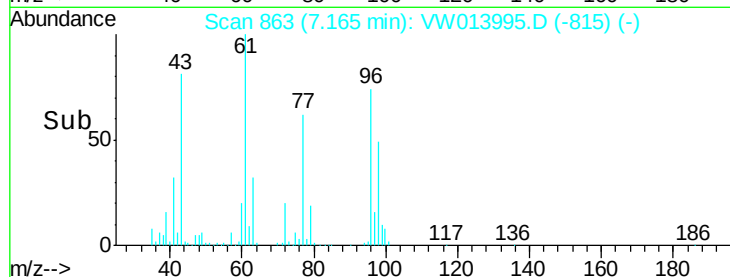
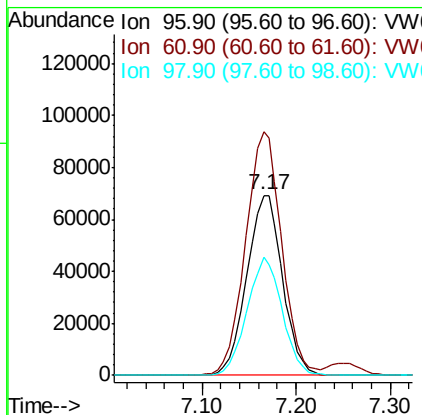
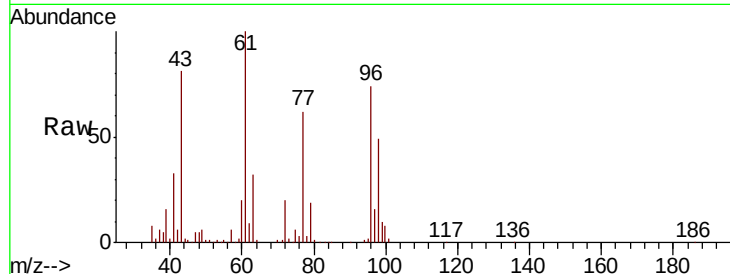
cis-1,2-Dichloroethene
Concen: 52.319 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	183838		
61	137.2	0.0	266.0	
98	64.4	0.0	126.8	

Manual Integrations
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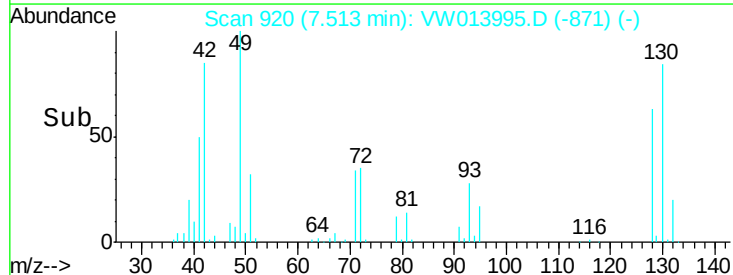
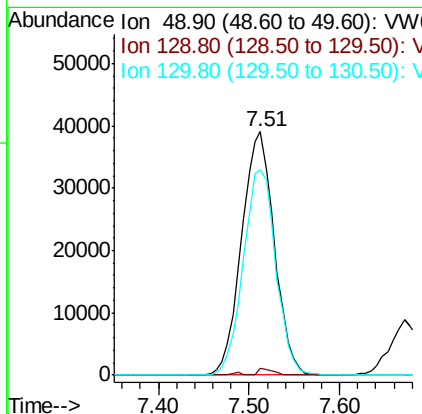
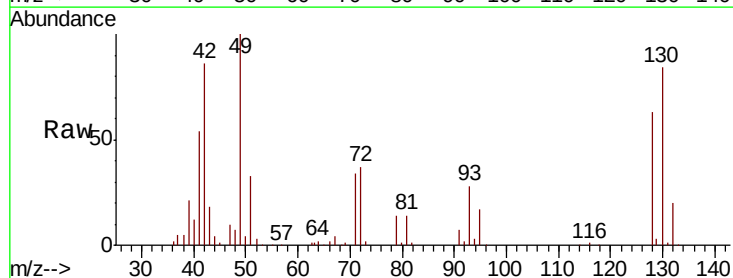
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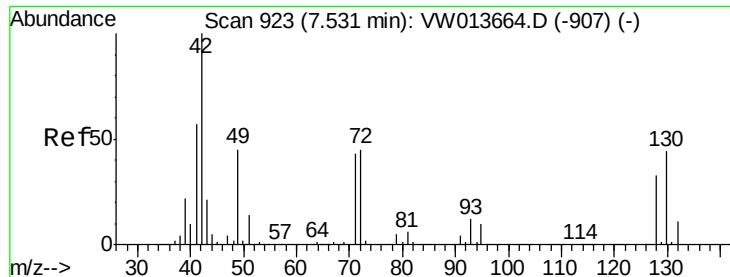


#28

Bromochloromethane
Concen: 49.993 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	97250		
129	1.2	0.0	0.6#	
130	84.4	67.5	101.3	





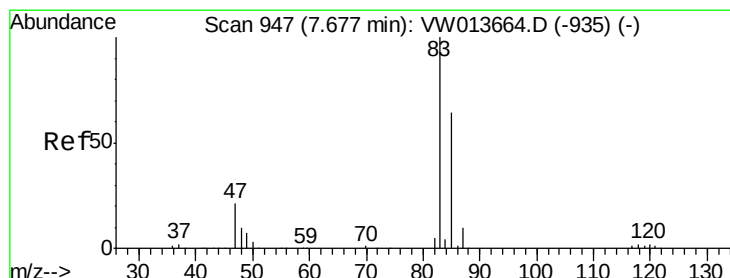
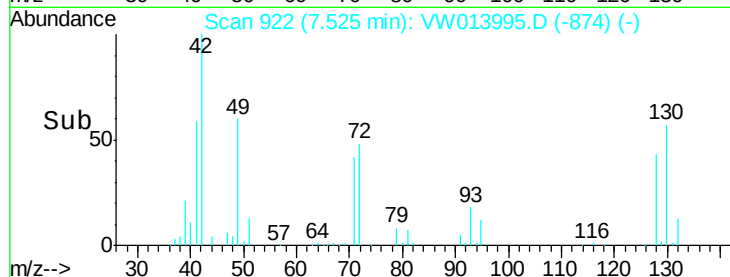
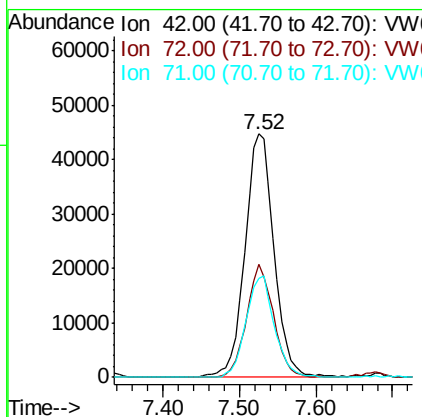
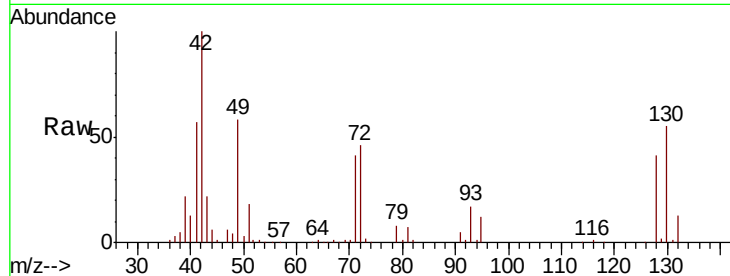
#29
Tetrahydrofuran
Concen: 243.321 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	35.3	52.9
71	40.8	33.3	49.9

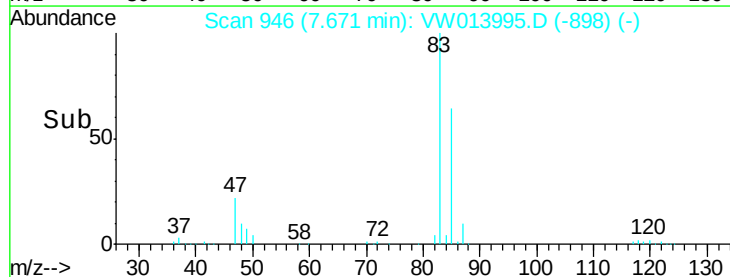
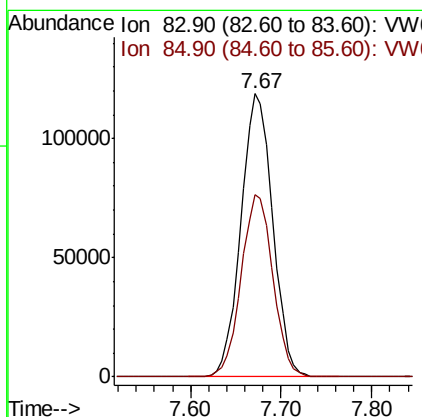
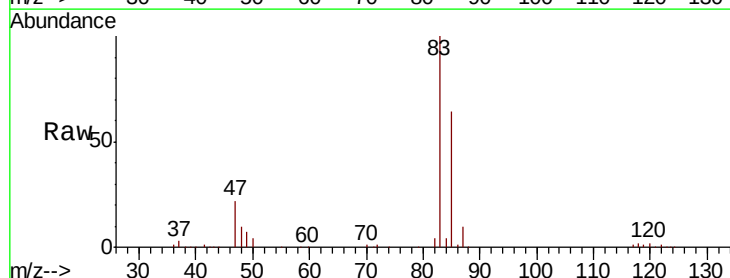
Manual Integrations
APPROVED

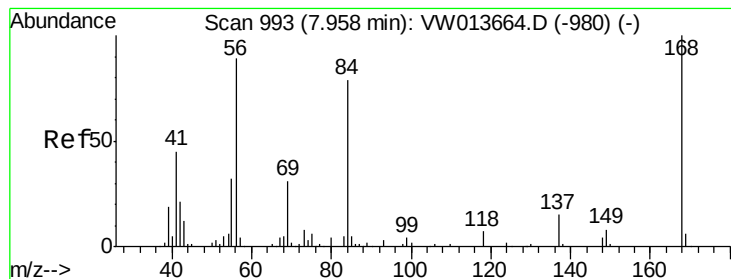
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#30
Chloroform
Concen: 53.271 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2





#31

Cyclohexane

Concen: 47.344 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Instrument :

MSVOA_W

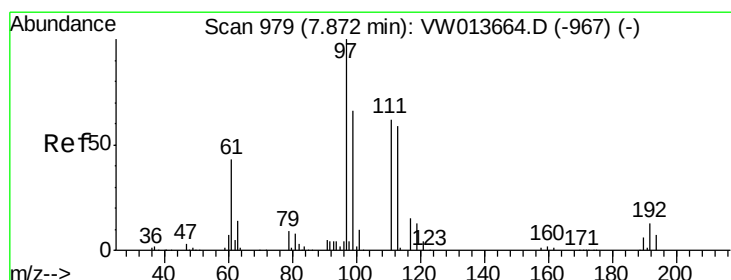
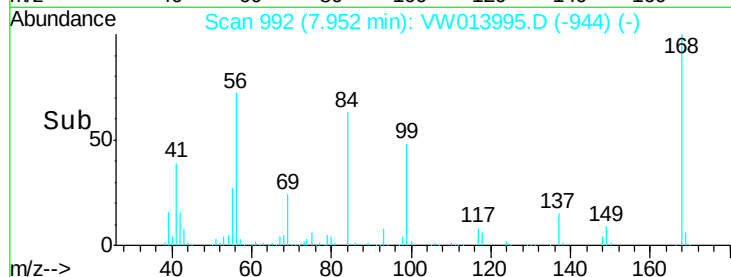
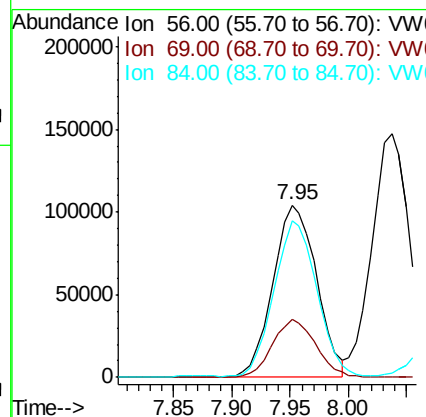
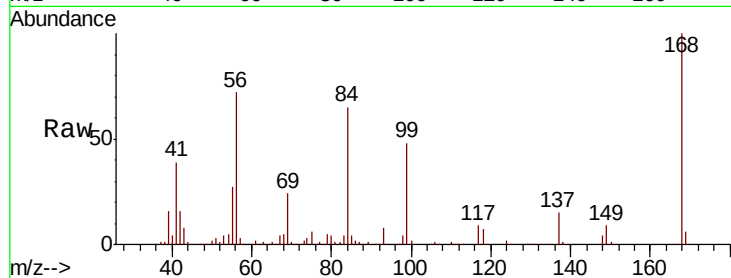
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	270521
Ion Ratio	Lower	Upper	
56	100		
69	33.7	27.5	41.3
84	89.9	70.8	106.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 54.269 ug/l

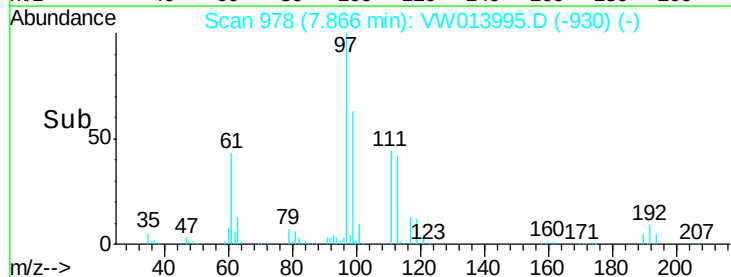
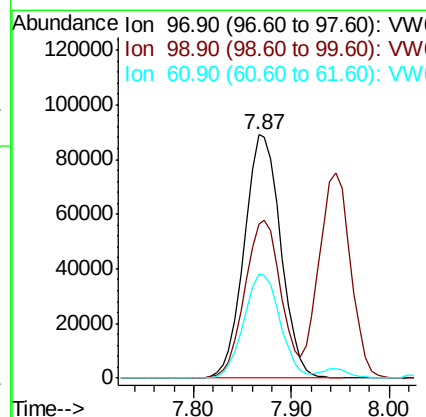
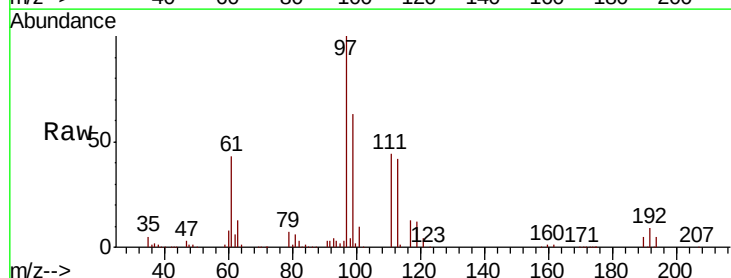
RT: 7.87 min Scan# 978

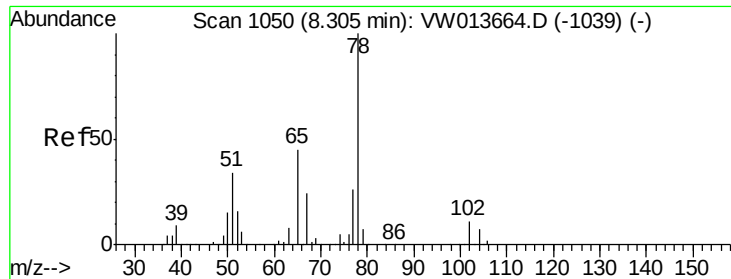
Delta R.T. -0.01 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Tgt Ion:	97	Resp:	229860
Ion Ratio	Lower	Upper	
97	100		
99	64.7	52.0	78.0
61	42.9	33.8	50.6





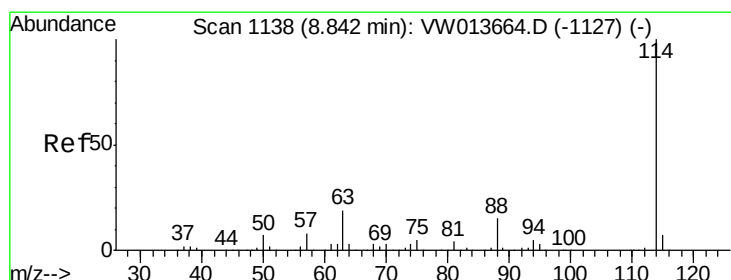
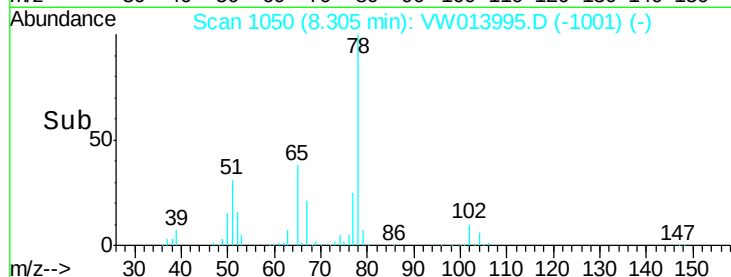
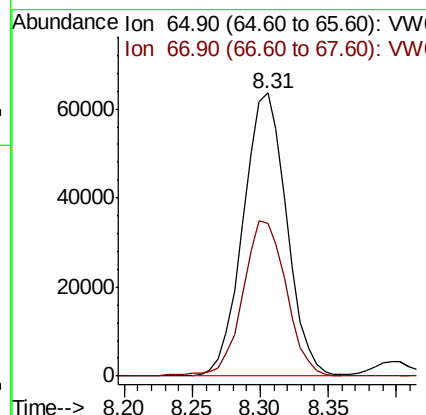
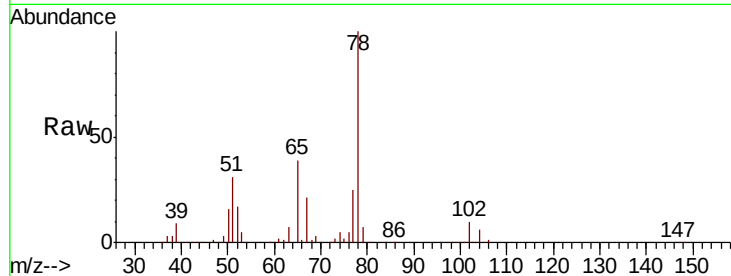
#33
 1,2-Dichloroethane-d4
 Concen: 54.981 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013995.D
 Acq: 13 Nov 2019 09:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.0	0.0	109.4	

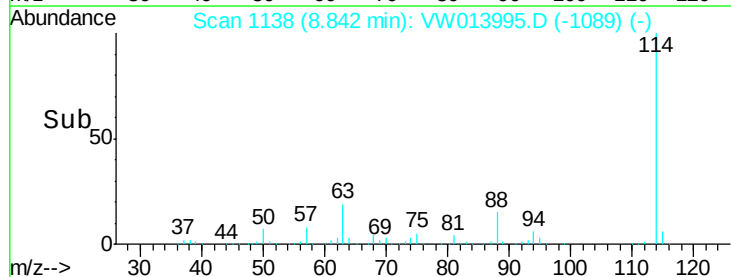
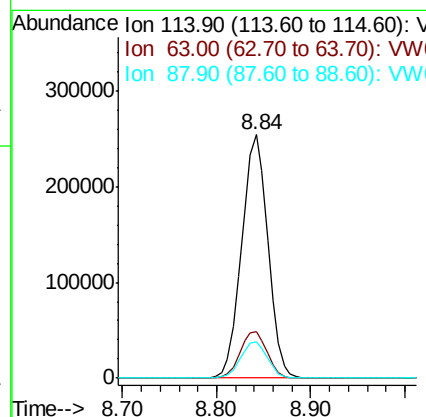
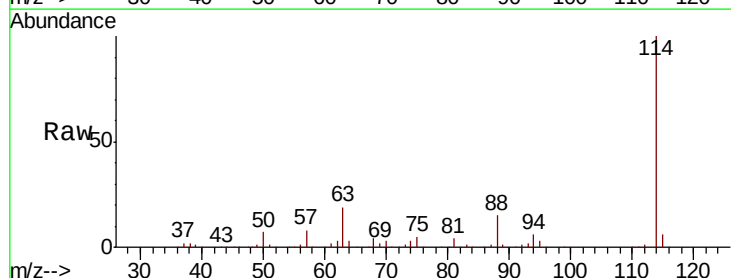
Manual Integrations
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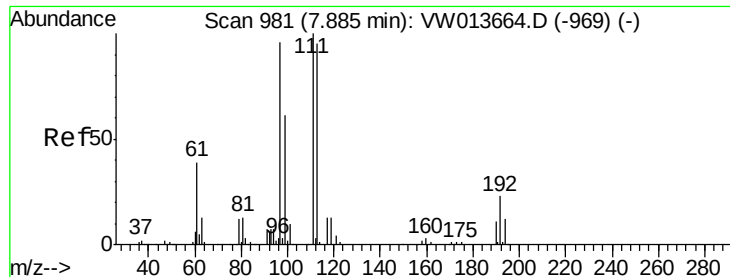
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 11/15/2019 10:49:58 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013995.D
 Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.2	0.0	37.6	
88	14.7	0.0	30.2	





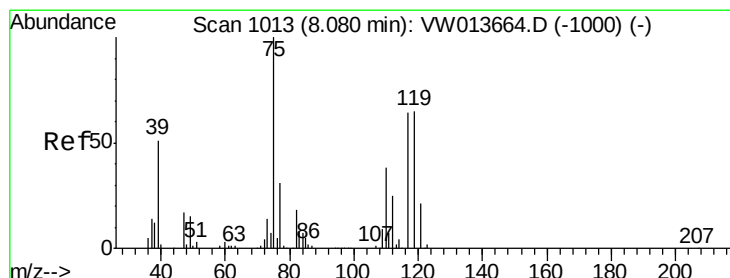
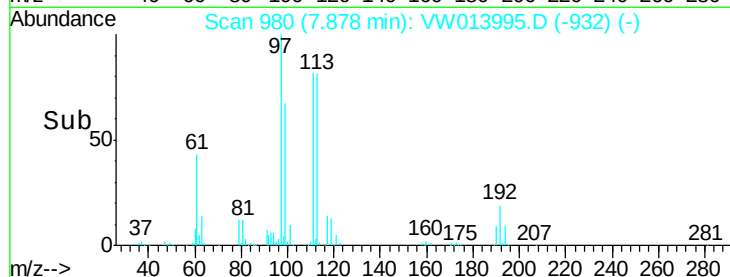
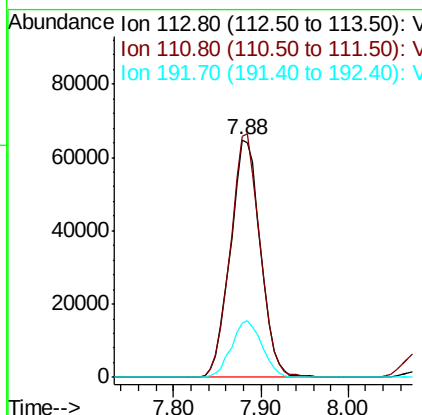
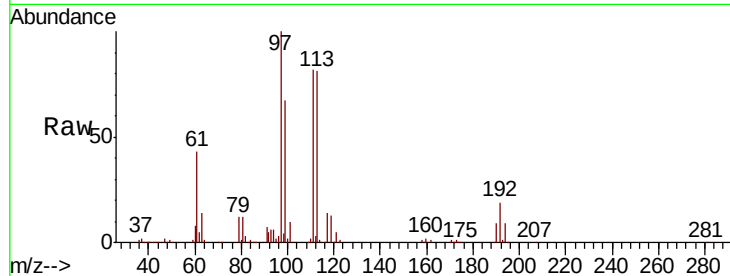
#35
 Dibromofluoromethane
 Concen: 56.415 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013995.D
 Acq: 13 Nov 2019 09:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	154945		
111	101.0	83.0	124.6	
192	24.0	19.4	29.2	

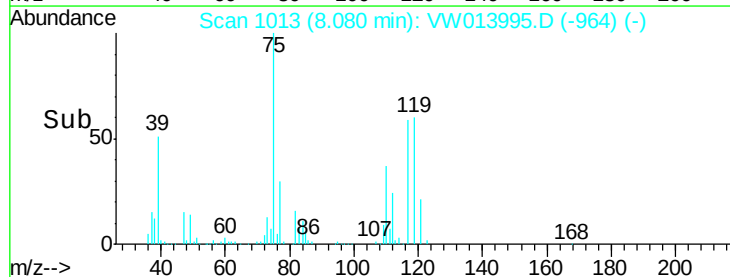
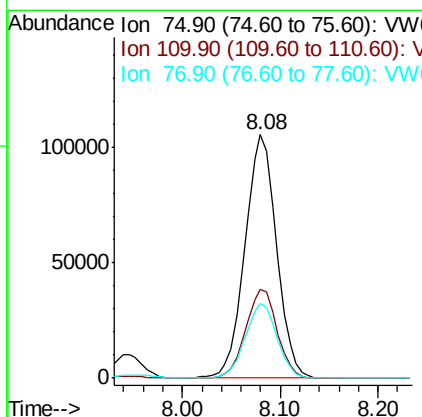
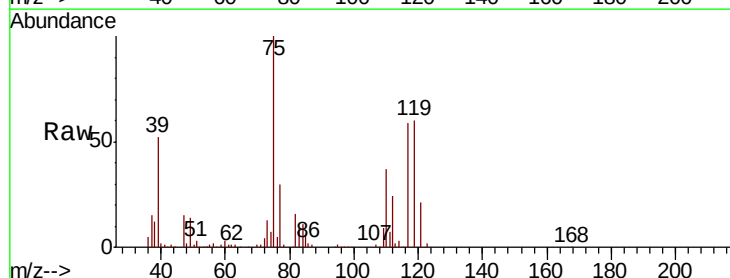
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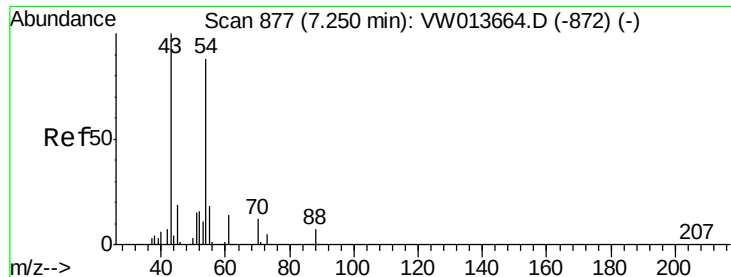
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#36
 1,1-Dichloropropene
 Concen: 51.194 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW013995.D
 Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	235661		
110	36.2	18.7	56.1	
77	31.2	25.4	38.0	





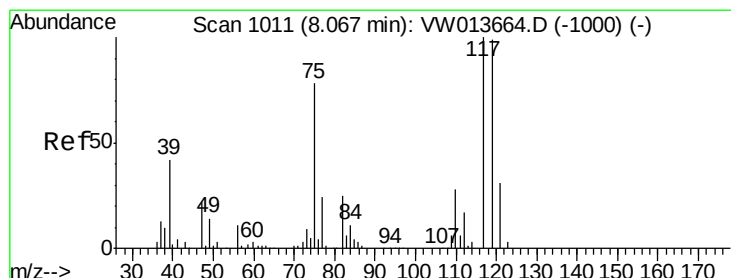
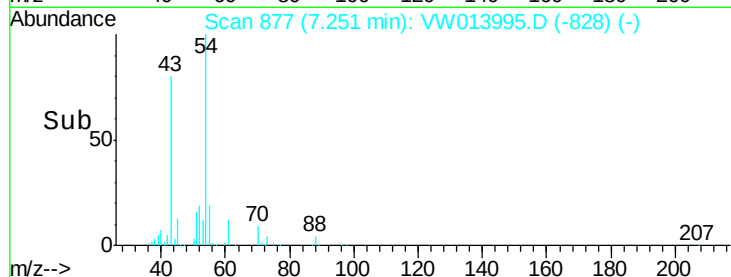
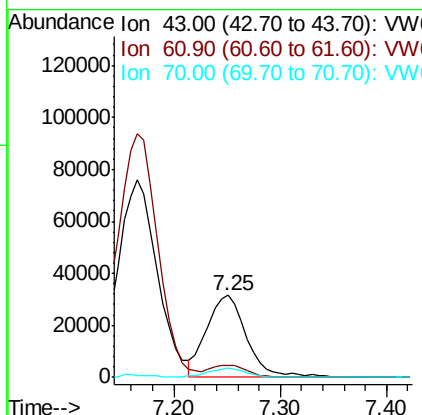
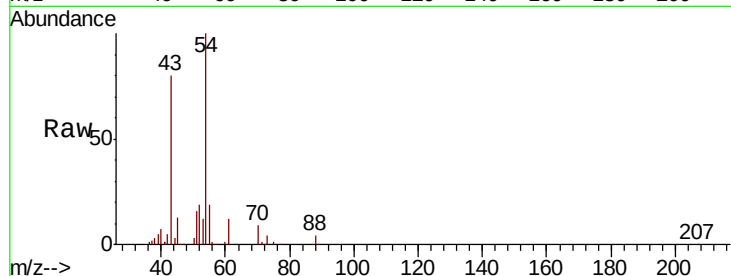
#37
Ethyl Acetate
Concen: 45.701 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.7	17.5
70	11.1	8.8	13.2

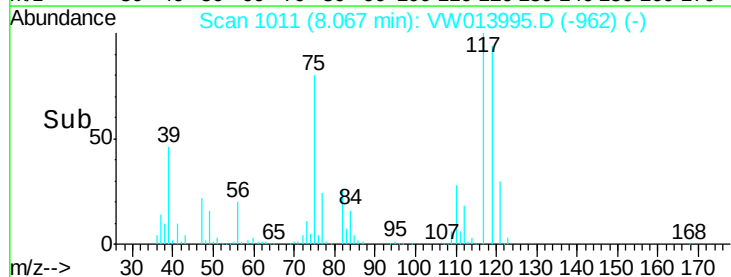
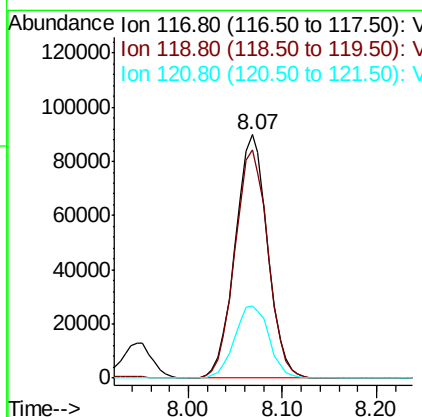
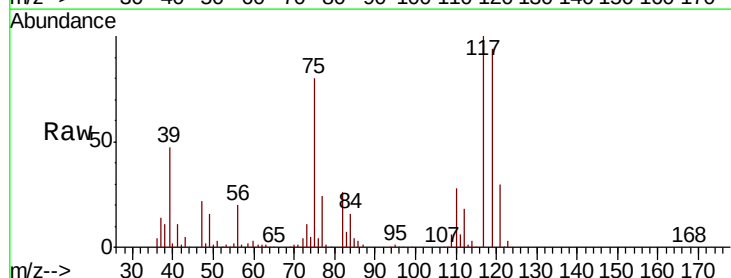
Manual Integrations
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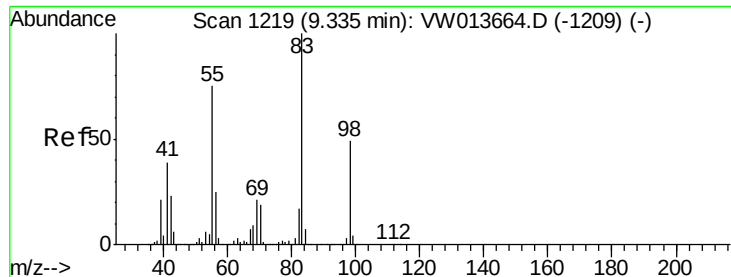
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#38
Carbon Tetrachloride
Concen: 52.157 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	79.0	118.4
121	29.9	24.5	36.7





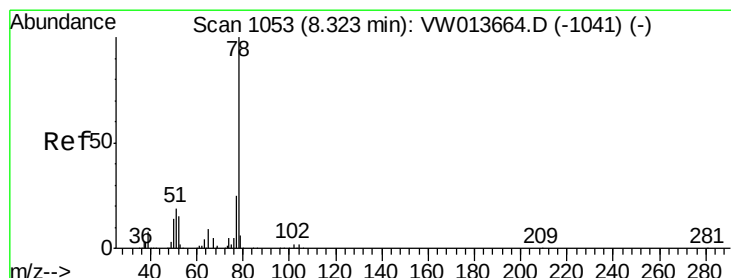
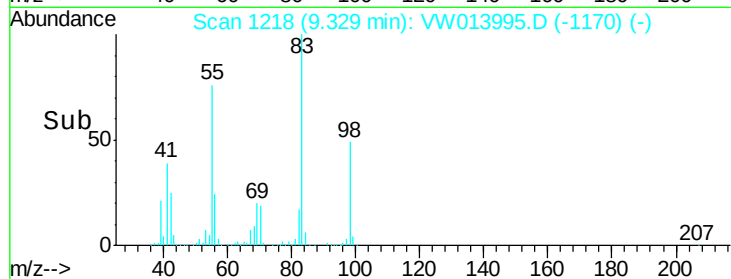
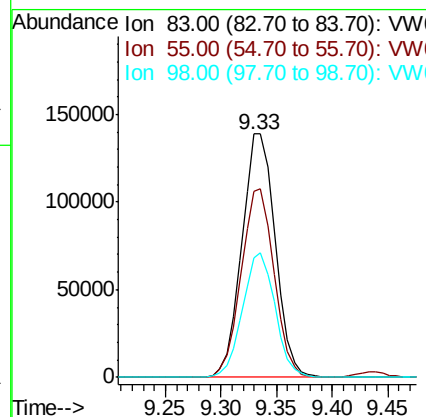
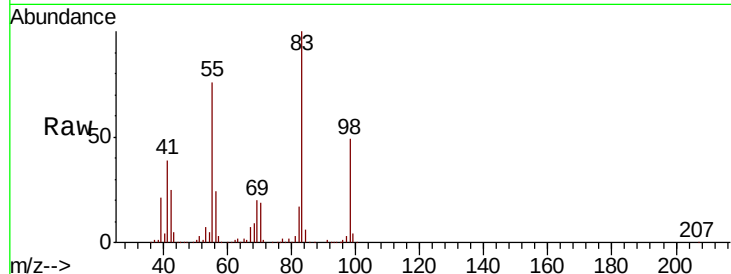
#39
Methylvlcyclohexane
Concen: 48.811 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	290171		
55	76.5		59.9	89.9
98	48.8		39.4	59.2

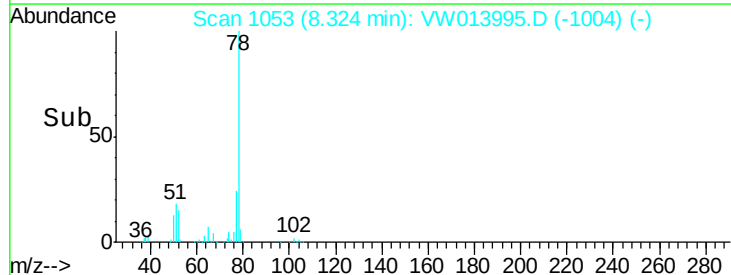
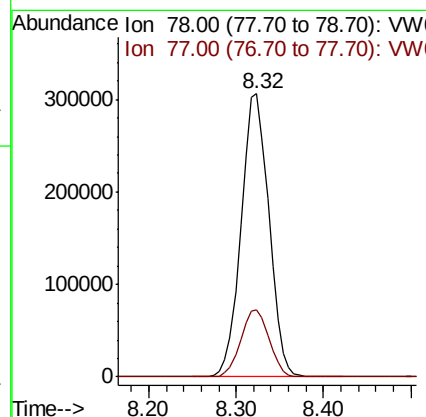
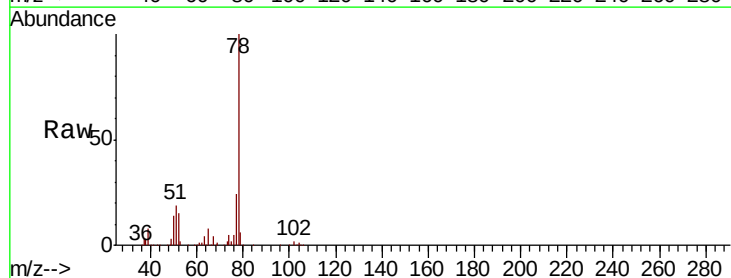
Manual Integrations
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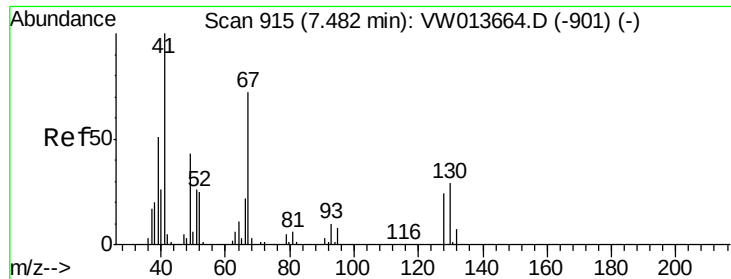
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#40
Benzene
Concen: 51.994 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	677352		
77	23.6		19.6	29.4





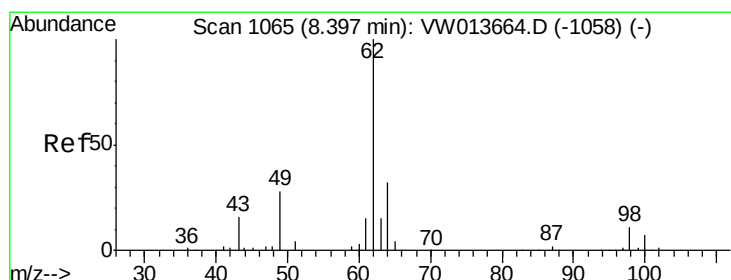
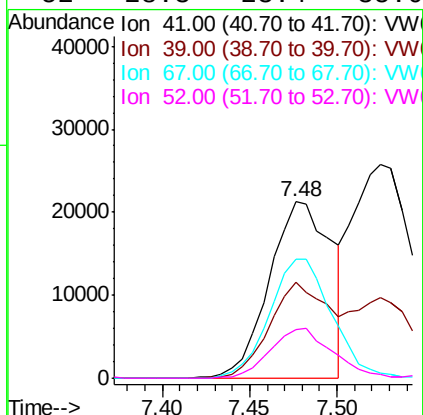
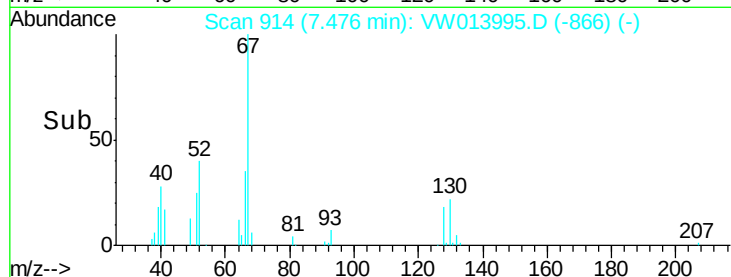
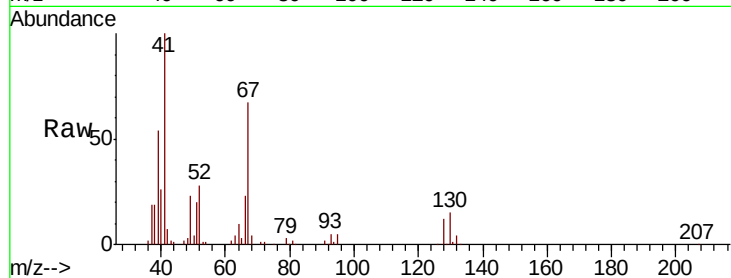
#41
Methacrylonitrile
Concen: 47.950 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.1	44.8	67.2	
67	68.1	59.3	88.9	
52	28.3	23.4	35.0	

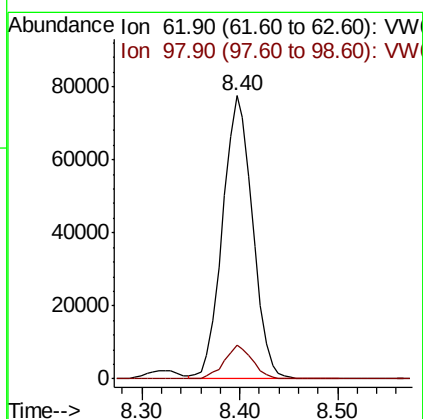
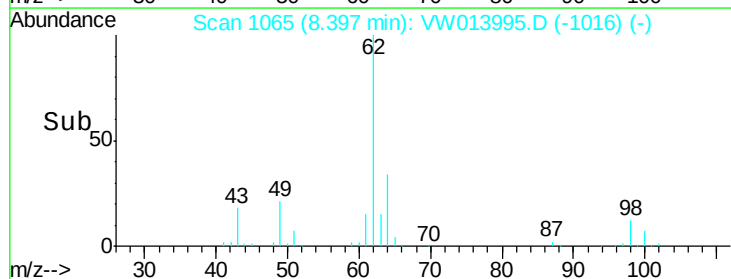
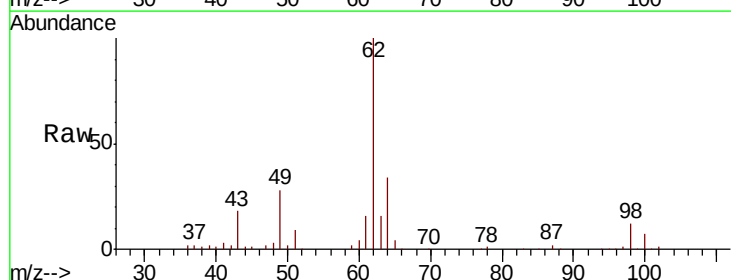
Manual Integrations
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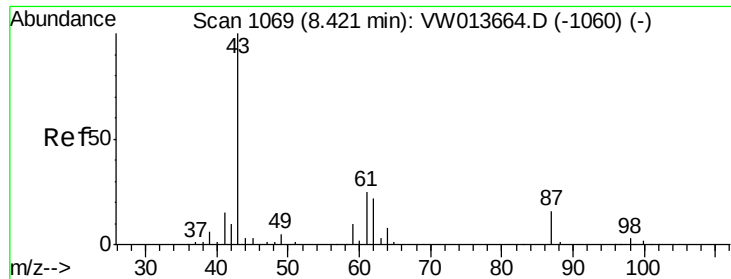
MMDadoda
11/15/2019 10:49:58 AM



#42
1,2-Dichloroethane
Concen: 50.189 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.1	0.0	22.4	





#43

Isopropyl Acetate

Concen: 46.836 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Instrument :

MSVOA_W

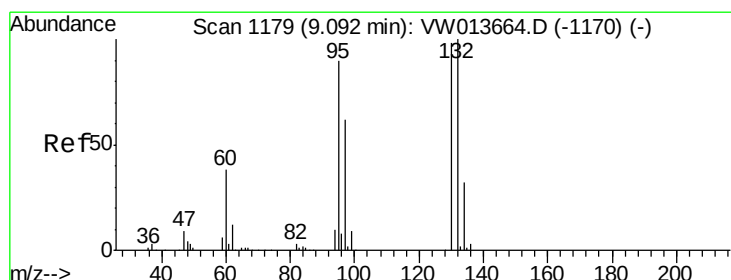
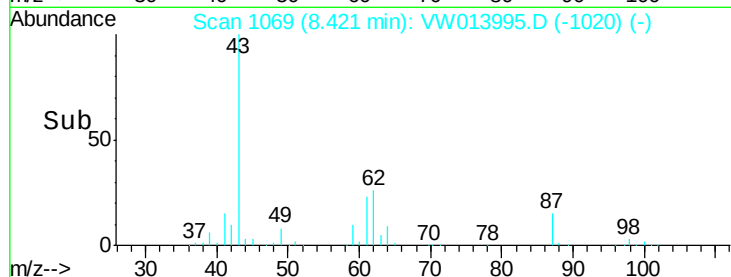
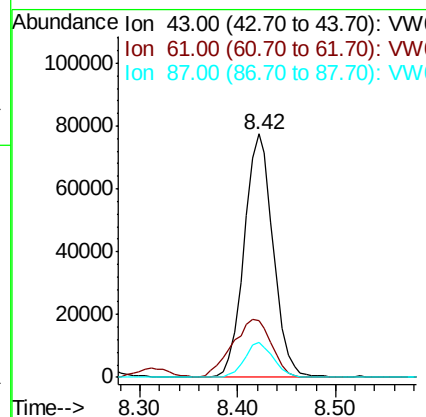
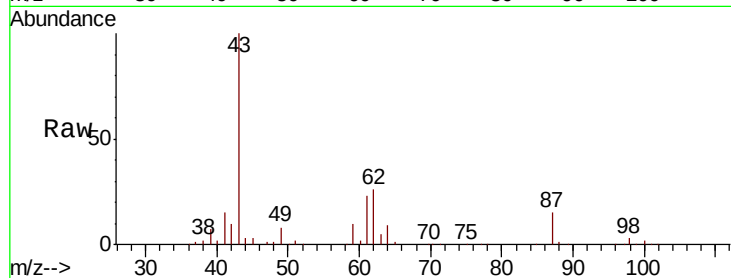
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	157977
Ion	Ratio	Lower	Upper
43	100		
61	32.2	26.1	39.1
87	14.4	11.4	17.0

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#44

Trichloroethene

Concen: 50.280 ug/l

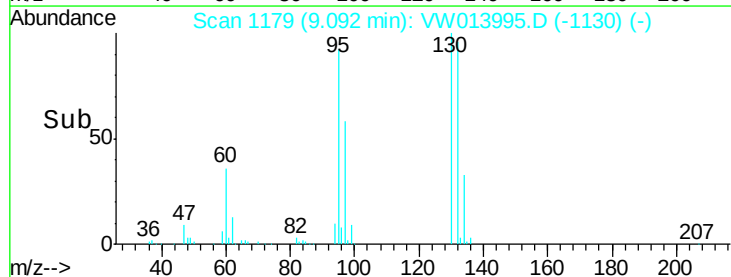
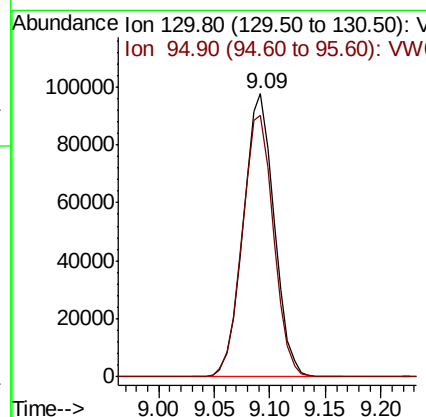
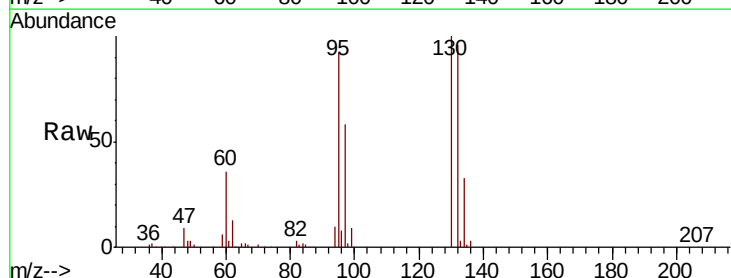
RT: 9.09 min Scan# 1179

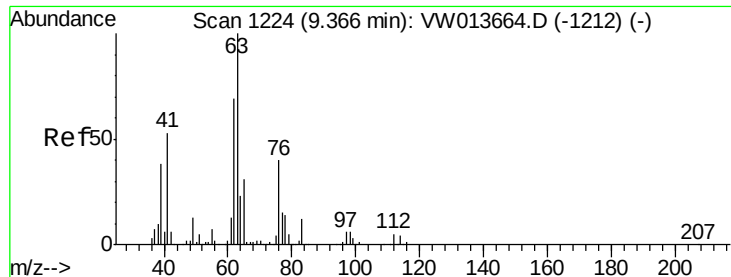
Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Tgt Ion:	130	Resp:	187629
Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	184.6





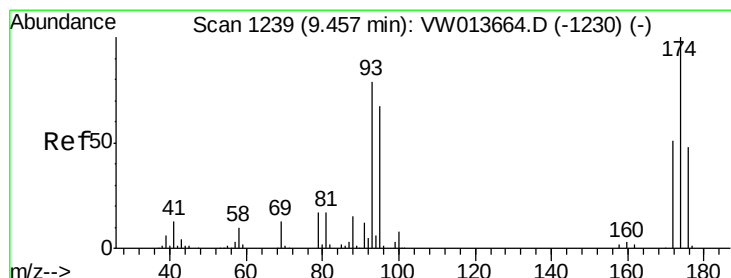
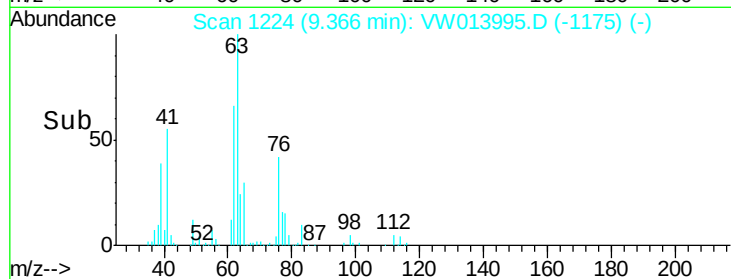
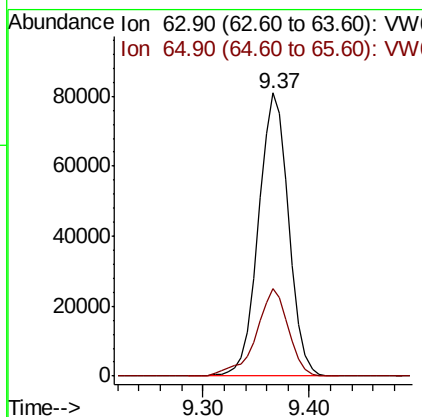
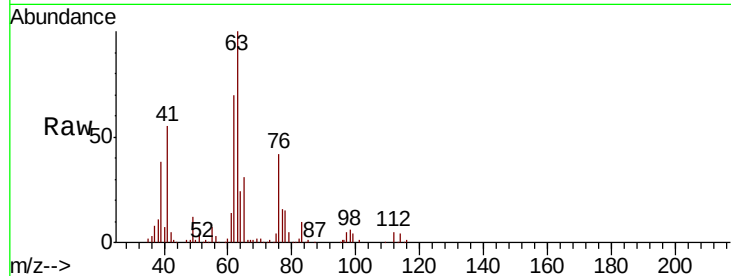
#45
 1,2-Dichloropropane
 Concen: 51.603 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013995.D
 Acq: 13 Nov 2019 09:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 160573
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.2 37.8

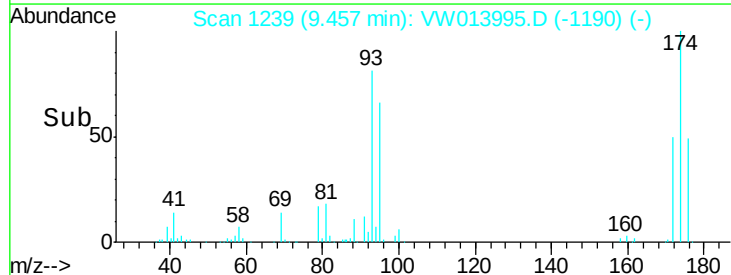
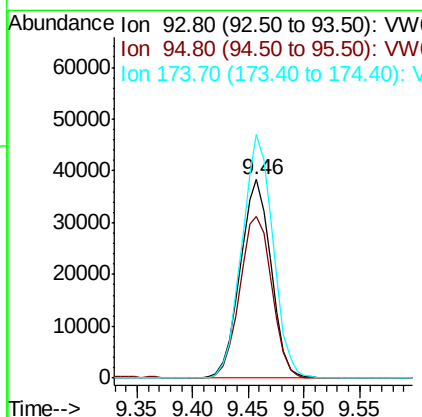
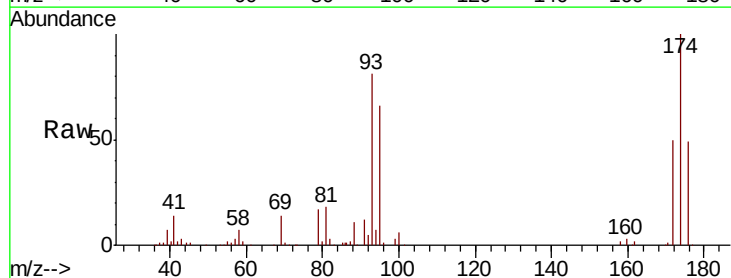
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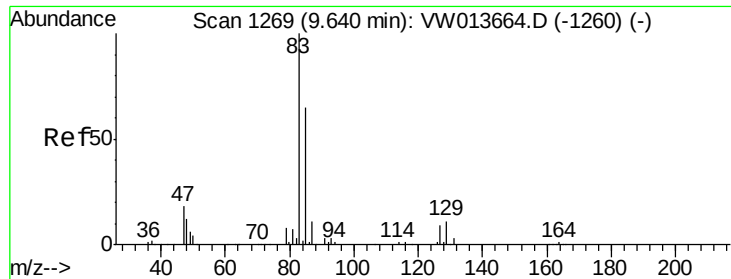
MMDadoda
 11/15/2019 10:49:58 AM



#46
 Dibromomethane
 Concen: 49.023 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013995.D
 Acq: 13 Nov 2019 09:49

Tgt Ion: 93 Resp: 74039
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.5 99.7
 174 122.8 99.6 149.4





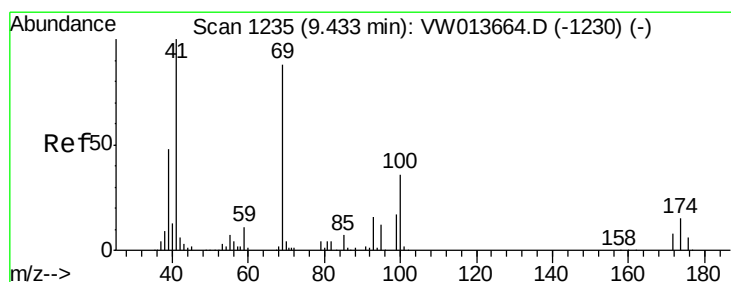
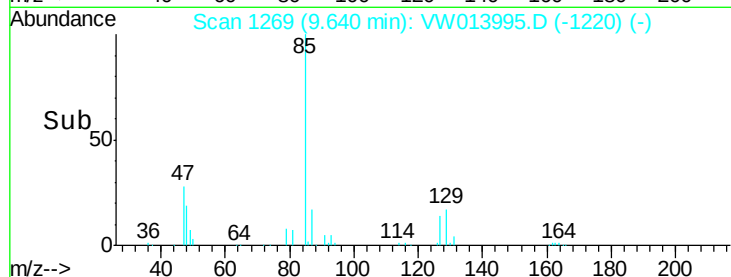
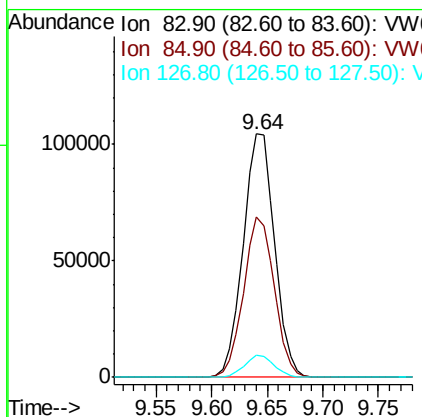
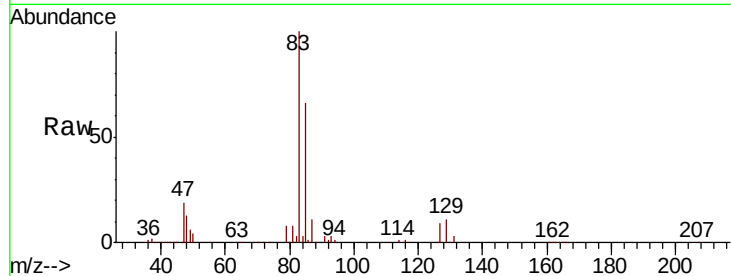
#47
Bromodichloromethane
Concen: 52.385 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	204709
Ion Ratio	100	Lower	Upper
83	100		
85	65.9	51.8	77.6
127	9.1	7.3	10.9

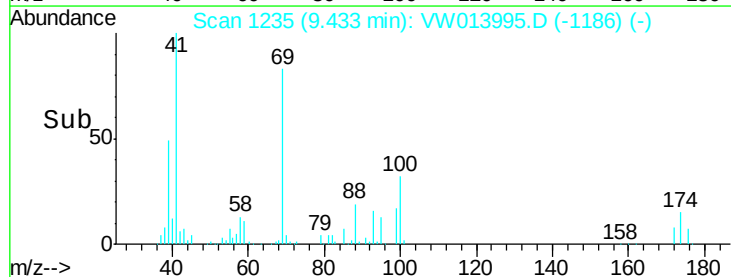
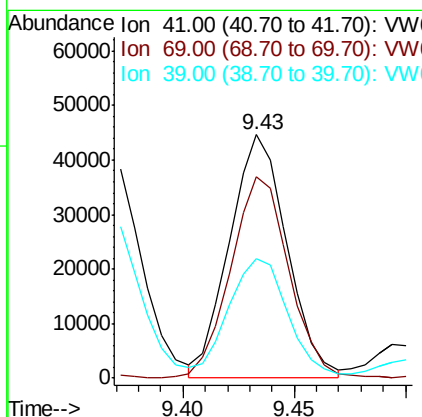
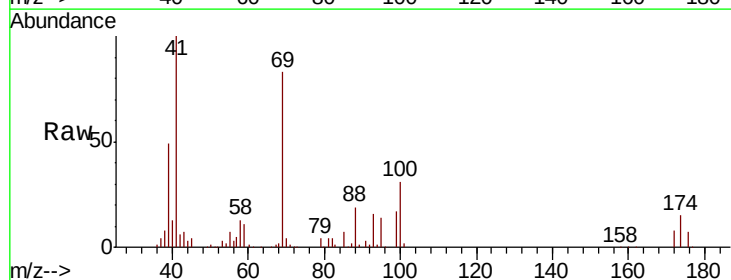
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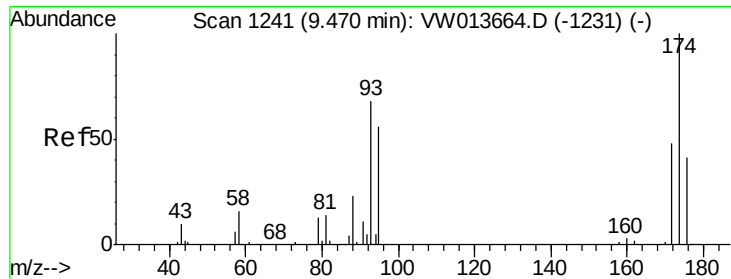
MMDadoda
11/15/2019 10:49:58 AM



#48
Methyl methacrylate
Concen: 47.697 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	41	Resp	79782
Ion Ratio	100	Lower	Upper
41	100		
69	84.3	67.6	101.4
39	47.6	38.6	58.0





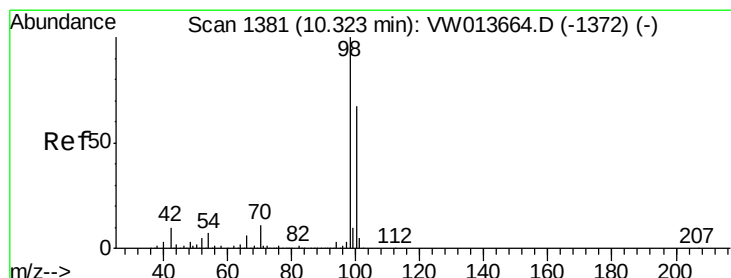
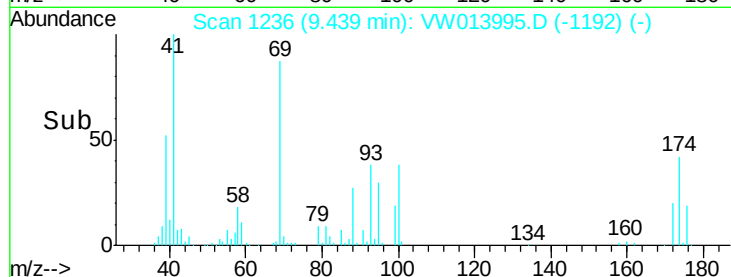
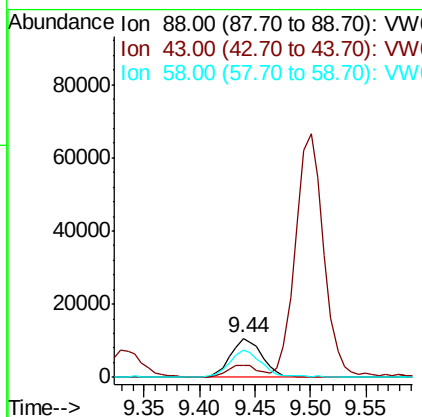
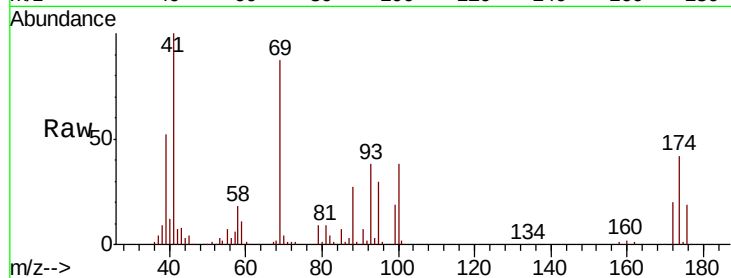
#49
1,4-Dioxane
Concen: 949.660 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.03 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.0	0.0	0.0#
58	66.2	58.9	88.3

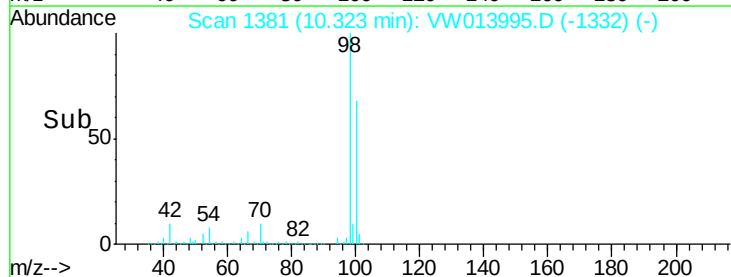
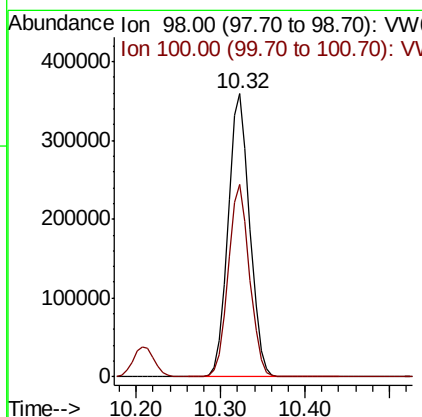
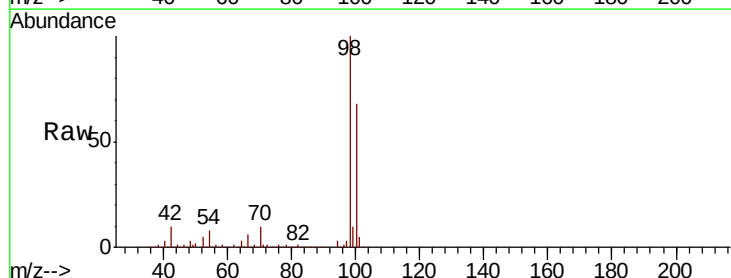
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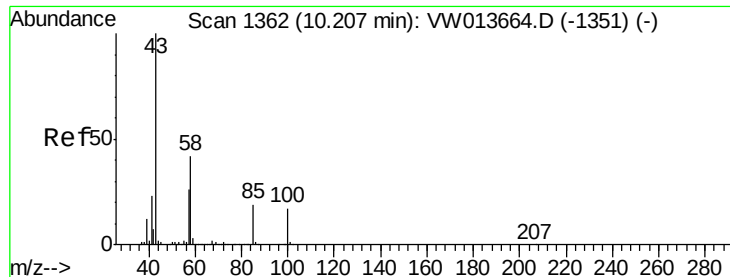
MMDadoda
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#50
Toluene-d8
Concen: 56.088 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.4	80.0





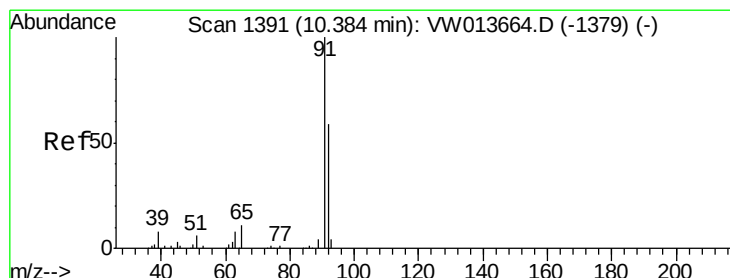
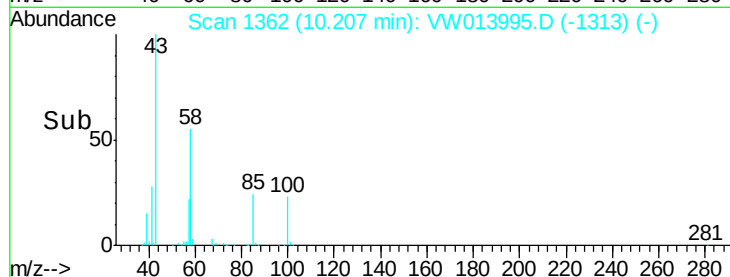
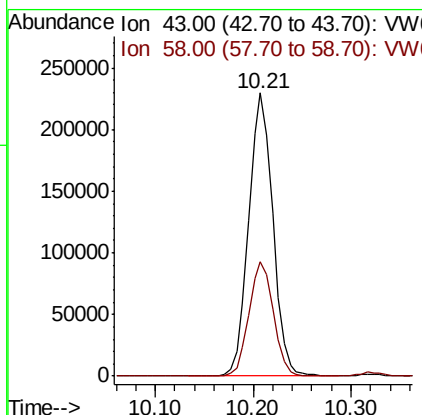
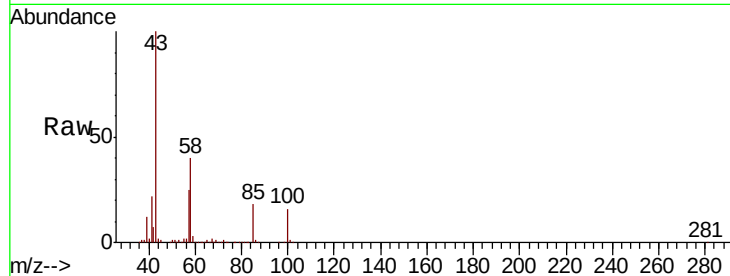
#51
4-Methyl-2-Pentanone
Concen: 233.840 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	58	Ratio	Lower	Upper
391939	100	40.9		32.6	49.0

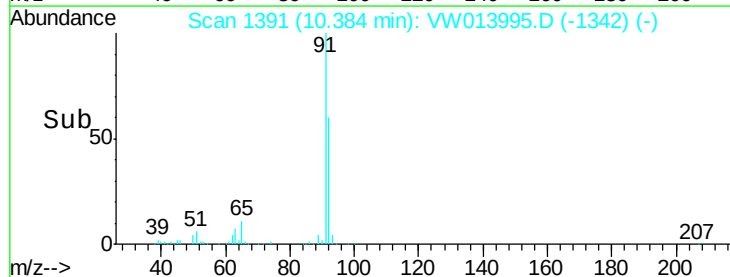
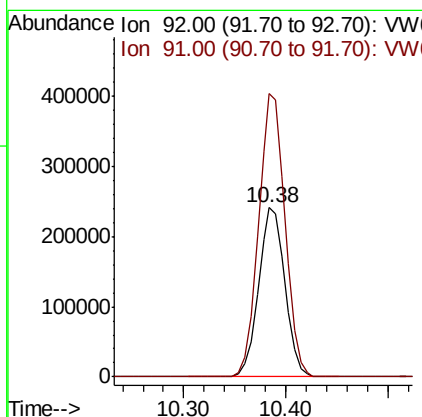
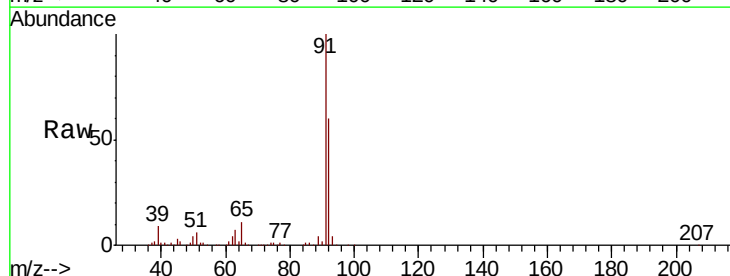
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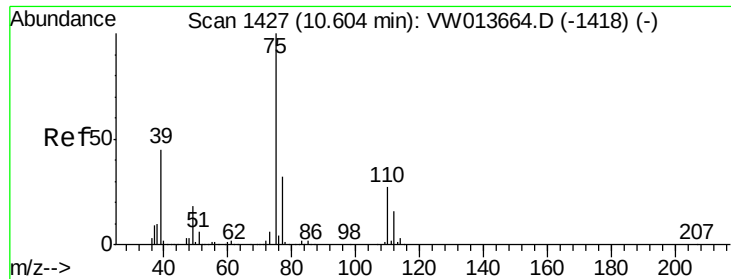
MMDadoda
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#52
Toluene
Concen: 51.498 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	92	91	Ratio	Lower	Upper
432749	100	168.0		134.5	201.7





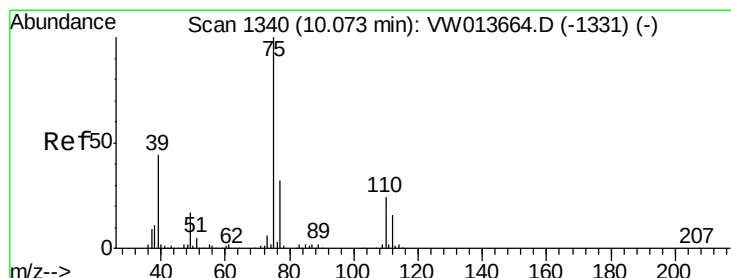
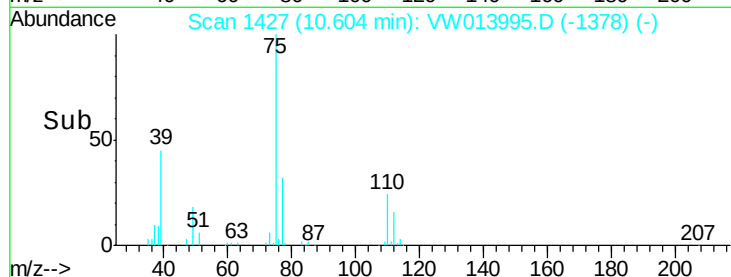
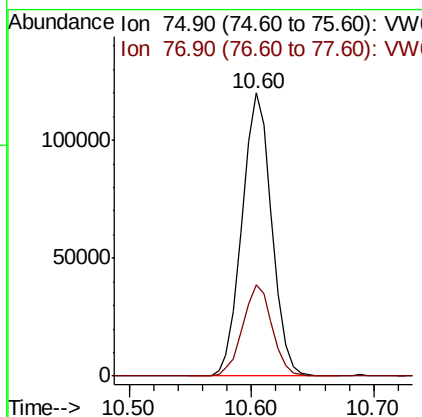
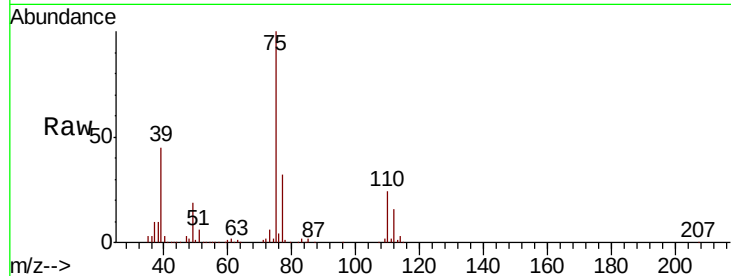
#53
t-1,3-Dichloropropene
Concen: 51.039 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 201909
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3

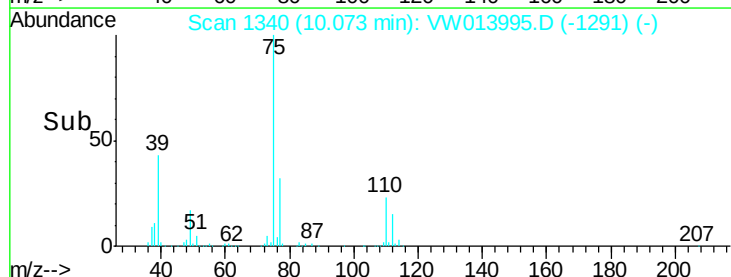
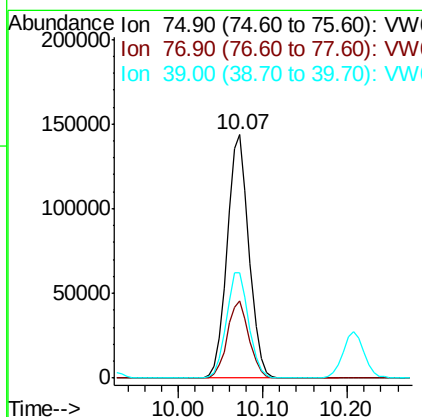
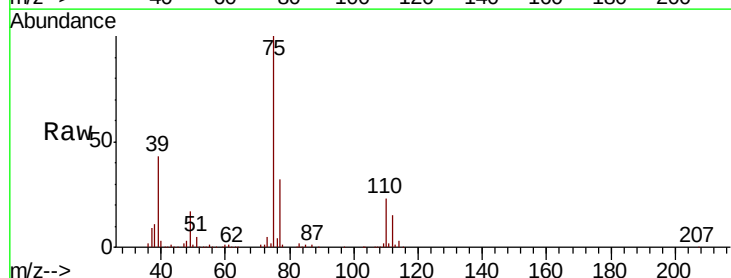
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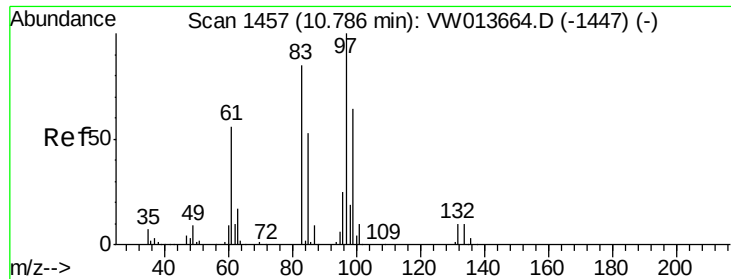
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.819 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion: 75 Resp: 252914
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6
39 43.2 35.3 52.9





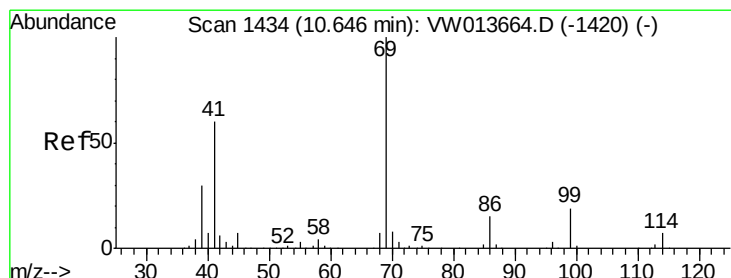
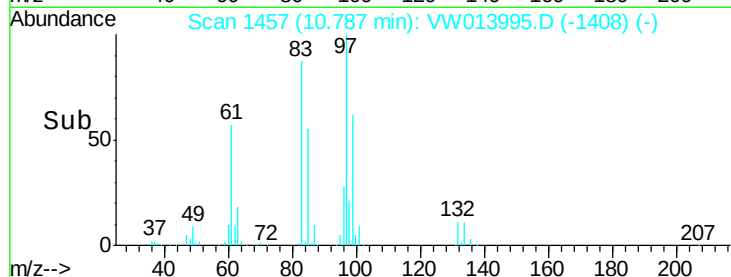
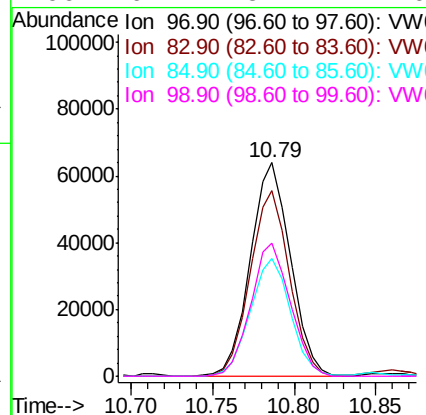
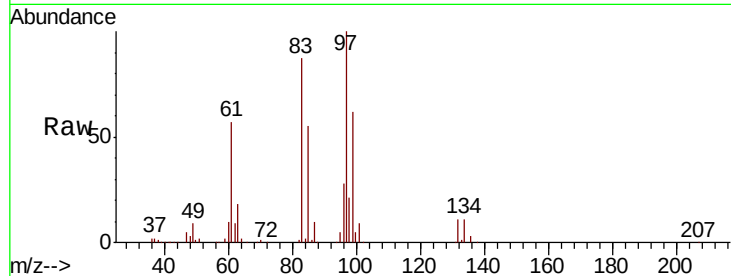
#55
 1,1,2-Trichloroethane
 Concen: 48.566 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013995.D
 Acq: 13 Nov 2019 09:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		109313		
83	86.9	67.8	101.8		
85	55.4	42.1	63.1		
99	62.4	51.4	77.0		

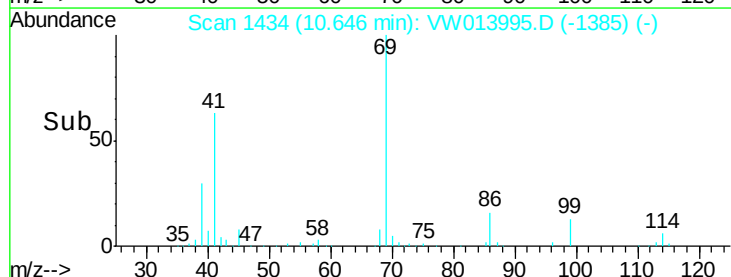
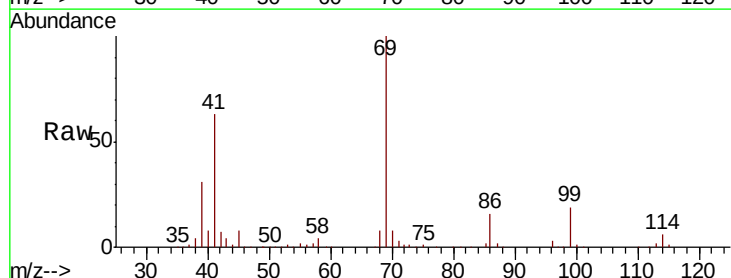
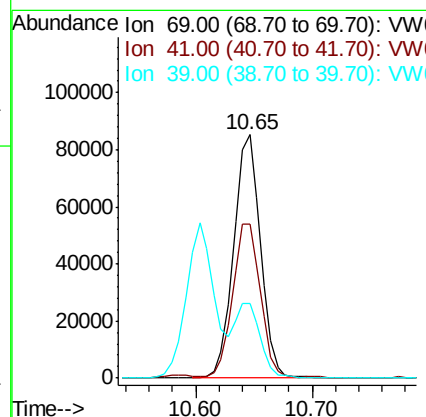
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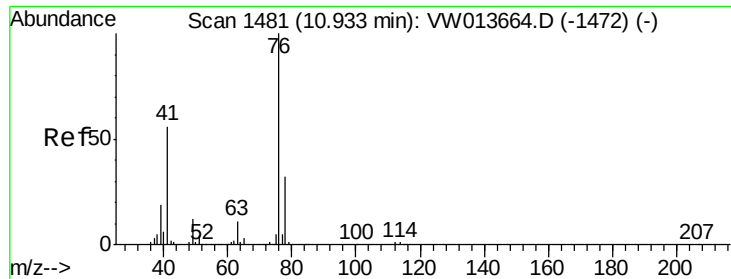
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 11/15/2019 10:49:58 AM



#56
 Ethyl methacrylate
 Concen: 48.668 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013995.D
 Acq: 13 Nov 2019 09:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		137052		
41	65.5	51.6	77.4		
39	28.4	22.4	33.6		





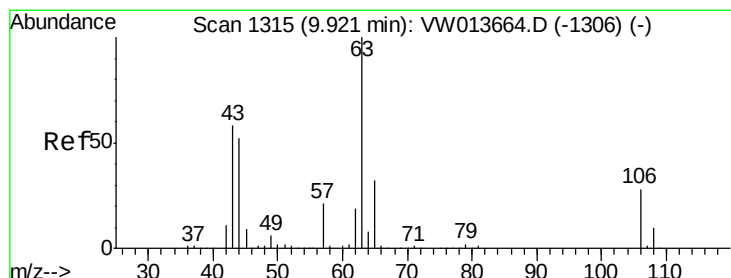
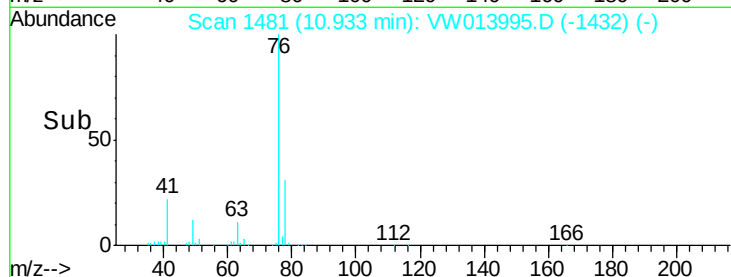
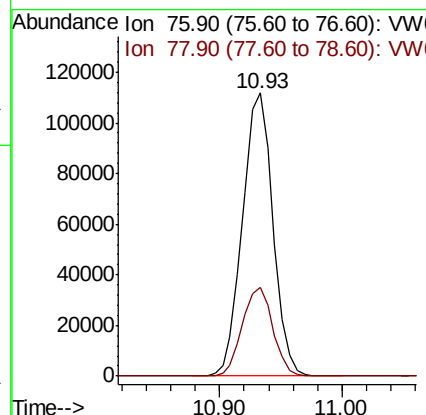
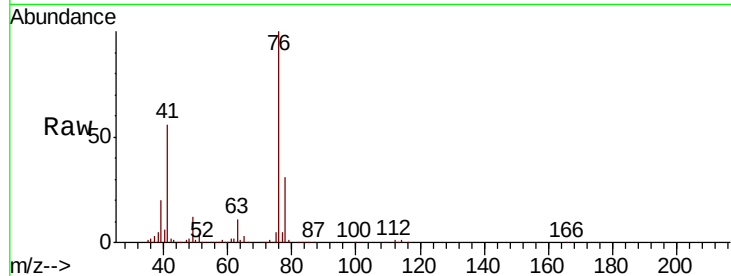
#57
 1,3-Dichloropropane
 Concen: 49.908 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013995.D
 Acq: 13 Nov 2019 09:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 192771
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.0 39.0

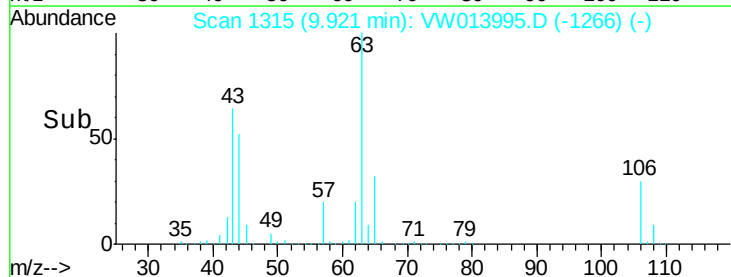
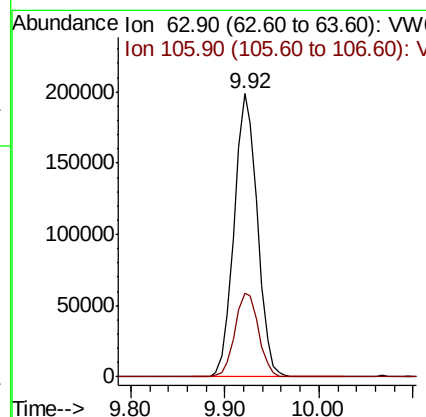
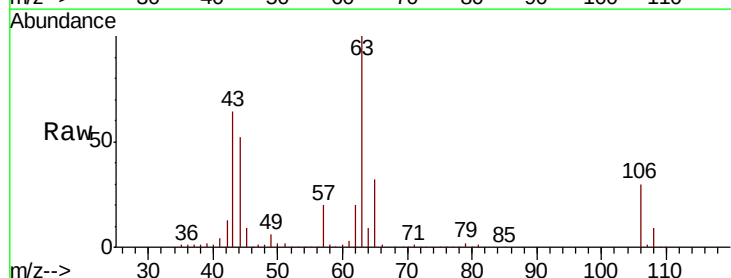
Manual Integrations
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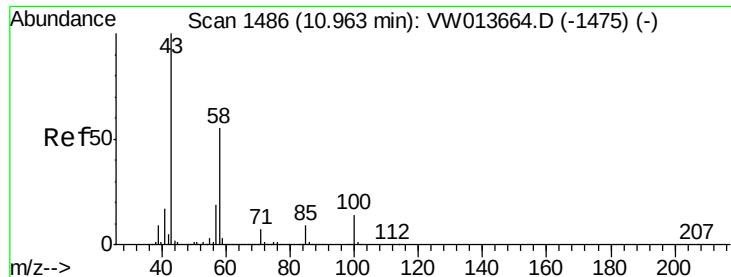
MMDadoda
 11/15/2019 10:49:58 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.860 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013995.D
 Acq: 13 Nov 2019 09:49

Tgt Ion: 63 Resp: 338090
 Ion Ratio Lower Upper
 63 100
 106 30.3 23.8 35.8





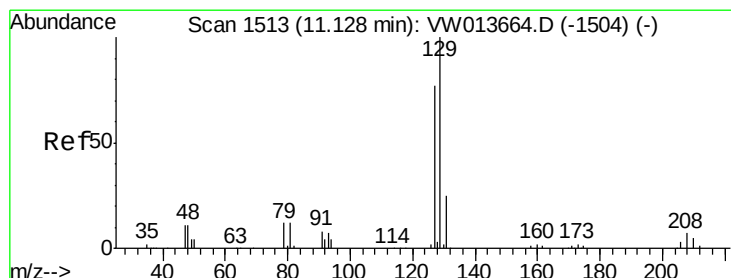
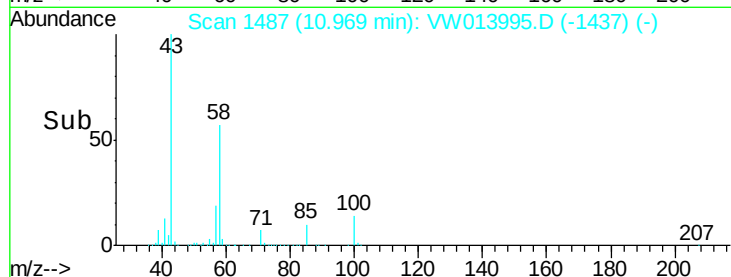
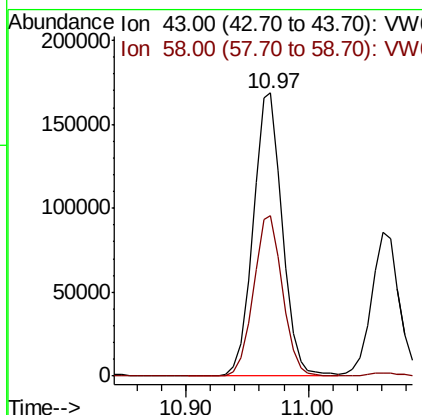
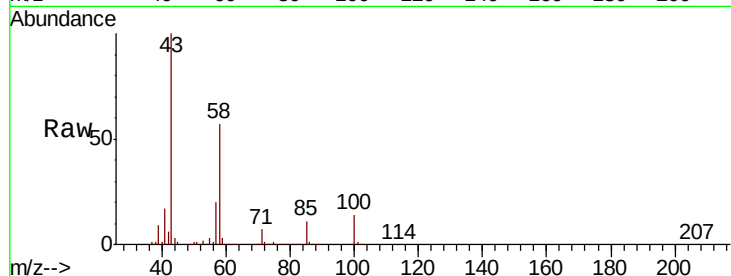
#59
2-Hexanone
Concen: 242.085 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 279728
Ion Ratio Lower Upper
43 100
58 56.6 27.9 83.7

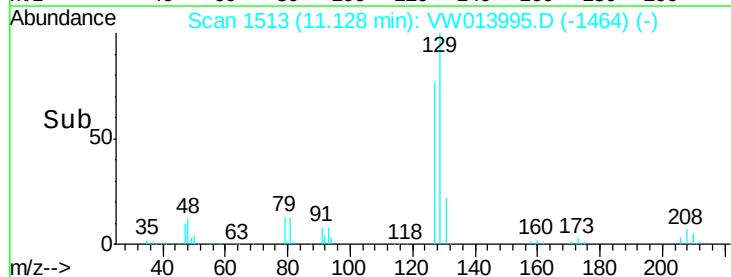
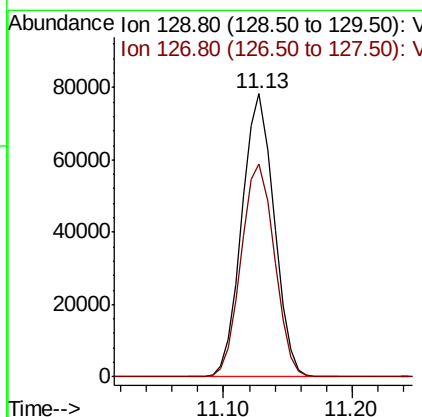
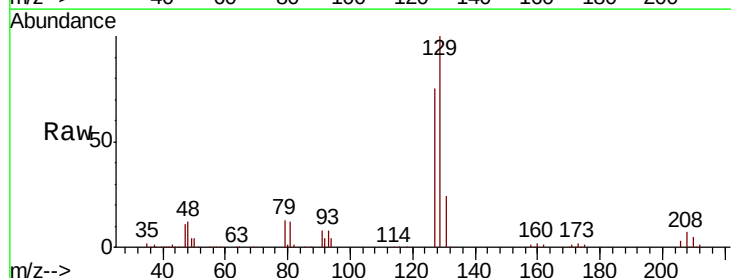
Manual Integrations
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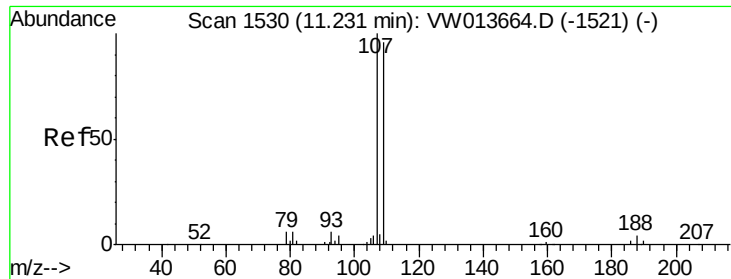
MMDadoda
11/15/2019 10:49:58 AM



#60
Dibromochloromethane
Concen: 50.687 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion: 129 Resp: 135458
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





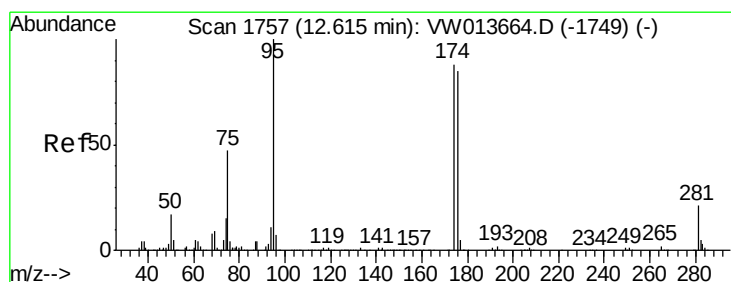
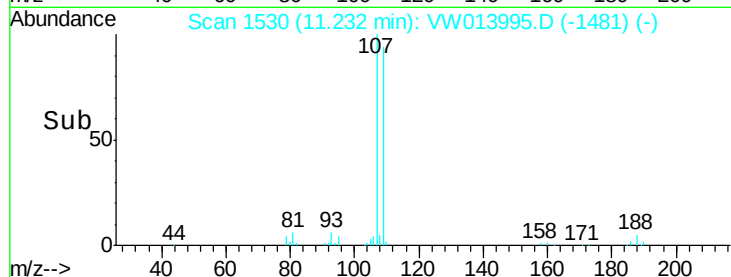
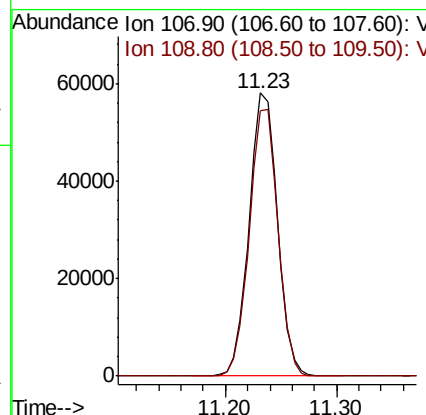
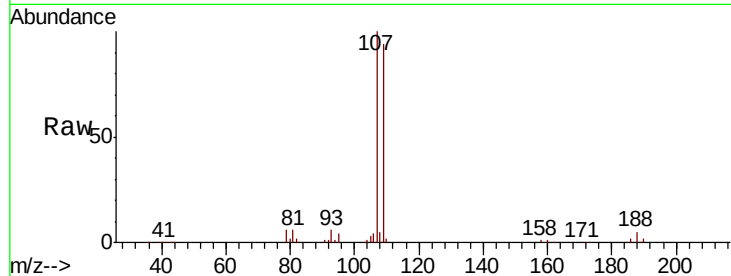
#61
1,2-Dibromoethane
Concen: 48.424 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	103115		
109	95.3	75.7	113.5	

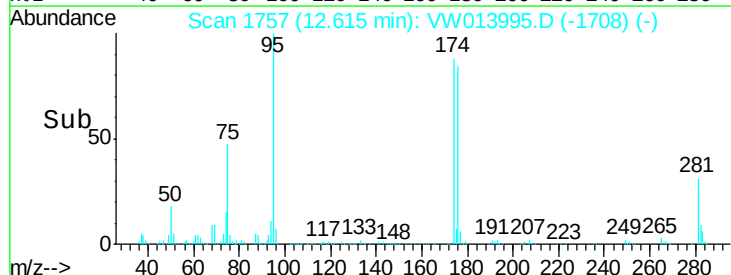
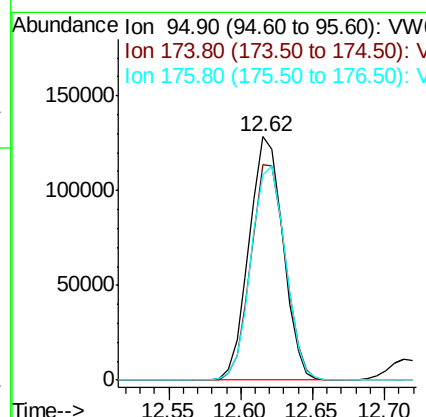
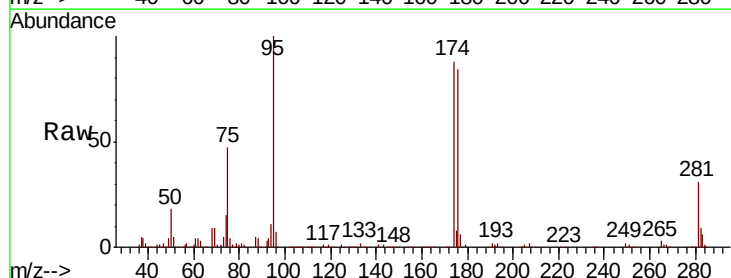
Manual Integrations
APPROVED

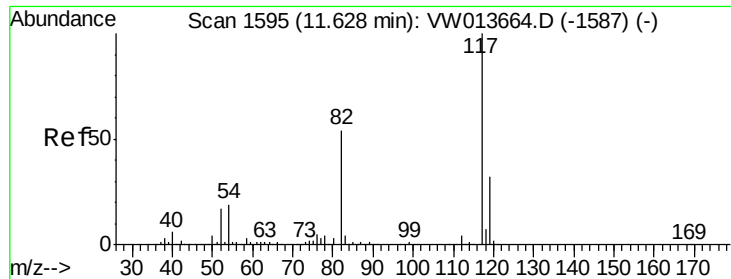
MMDadoda
11/15/2019 10:49:58 AM



#62
4-Bromofluorobenzene
Concen: 55.320 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	209633		
174	89.6	0.0	183.6	
176	88.7	0.0	178.0	





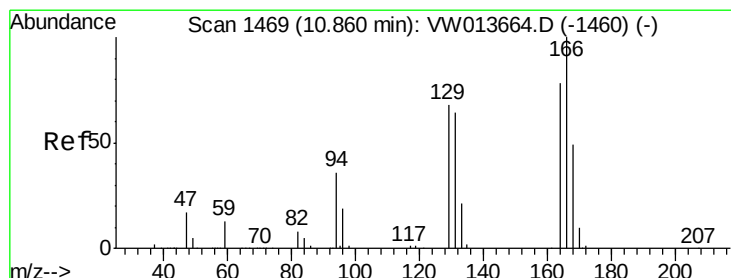
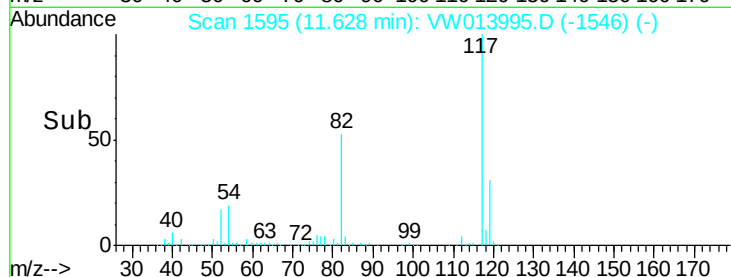
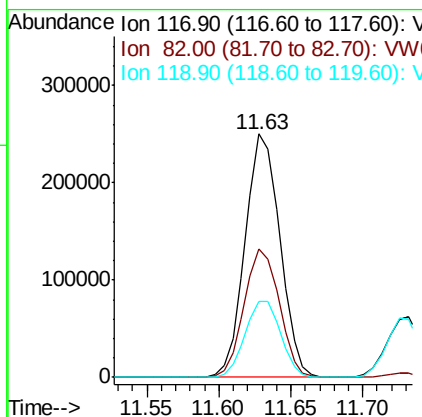
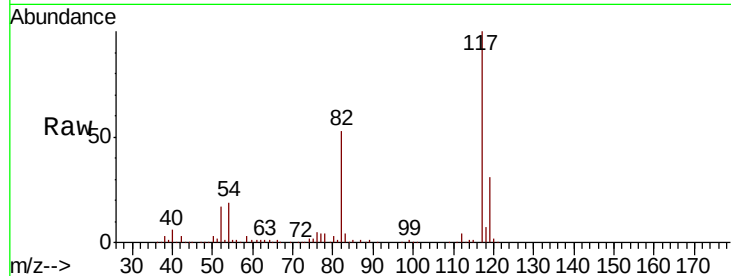
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.6	65.4
119	30.9	25.4	38.2

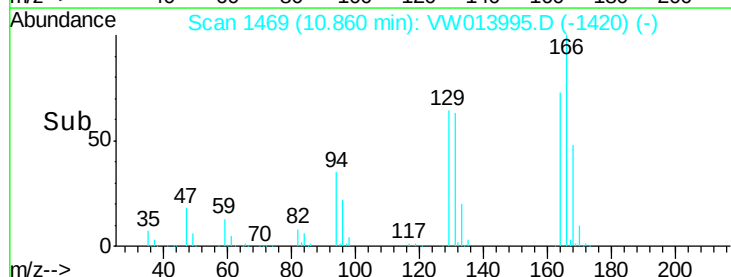
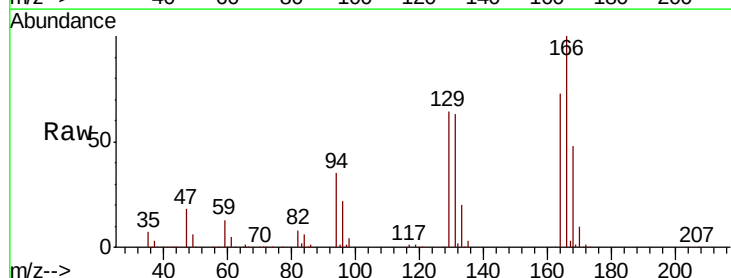
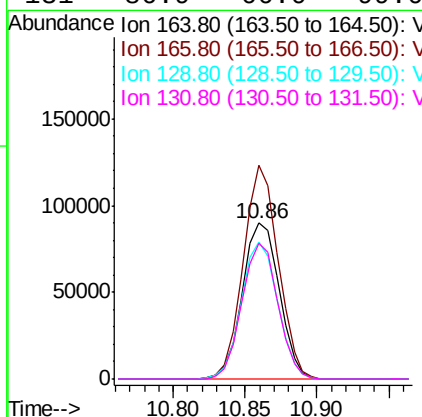
Manual Integrations
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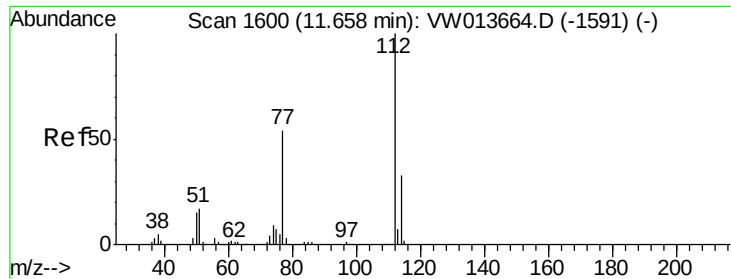
MMDadoda
11/15/2019 10:49:58 AM



#64
Tetrachloroethene
Concen: 49.801 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	137.2	103.2	154.8
129	87.8	70.6	105.8
131	86.9	66.0	99.0





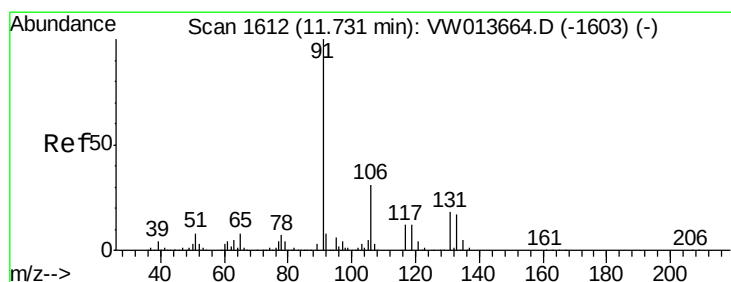
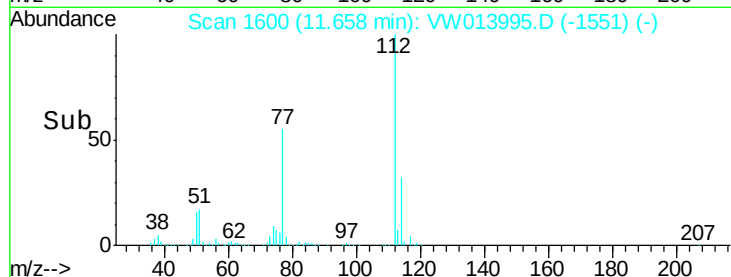
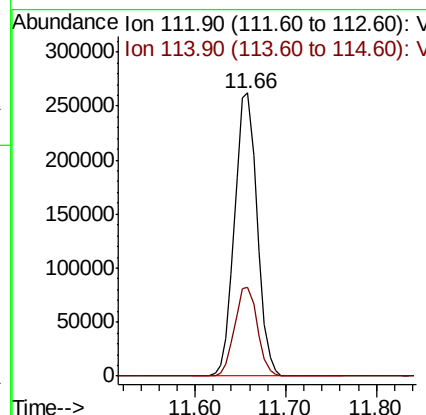
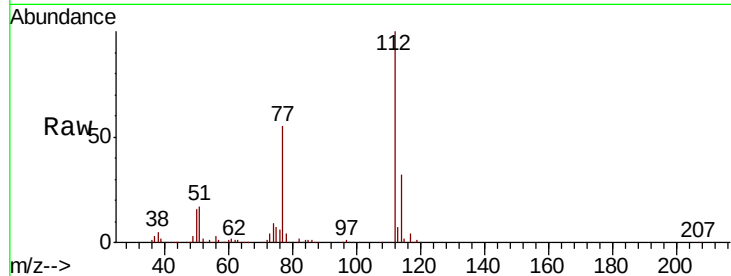
#65
Chlorobenzene
Concen: 52.501 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 452126
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4

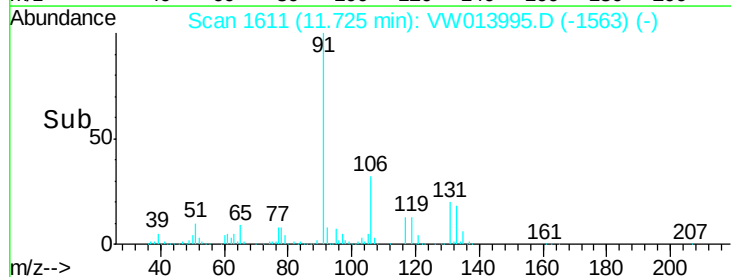
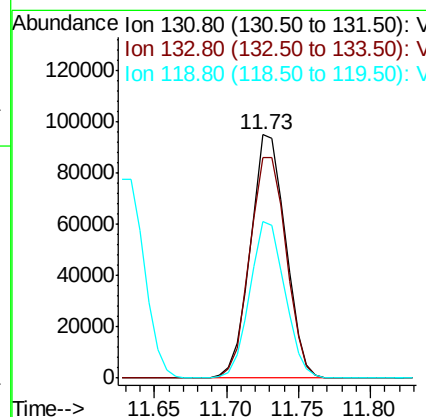
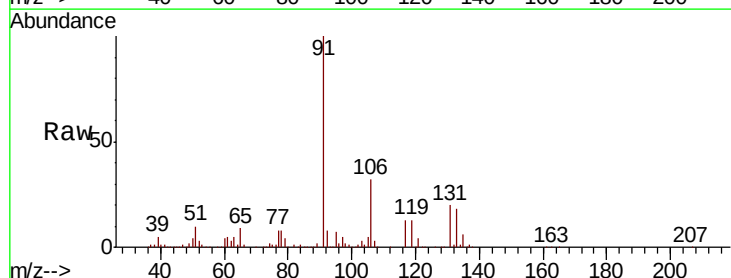
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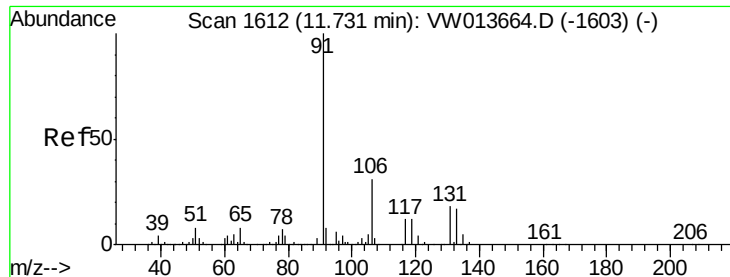
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.399 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion:131 Resp: 160491
Ion Ratio Lower Upper
131 100
133 94.2 47.4 142.3
119 64.1 33.1 99.2





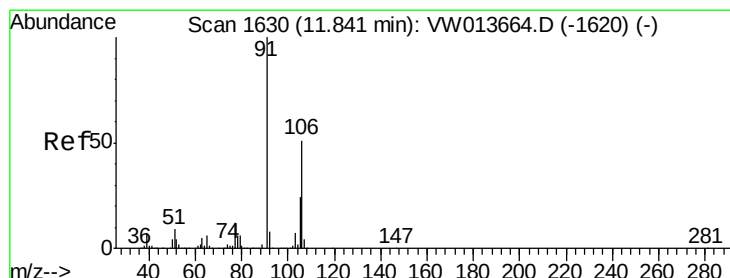
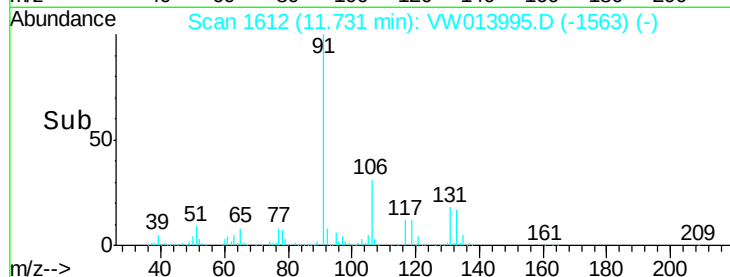
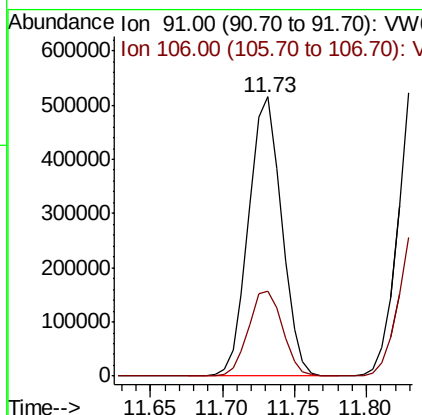
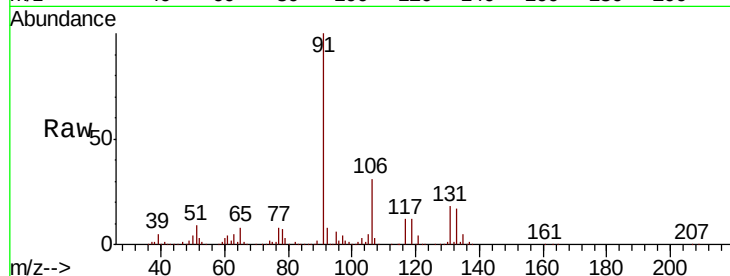
#67
Ethyl Benzene
Concen: 52.703 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 818397
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6

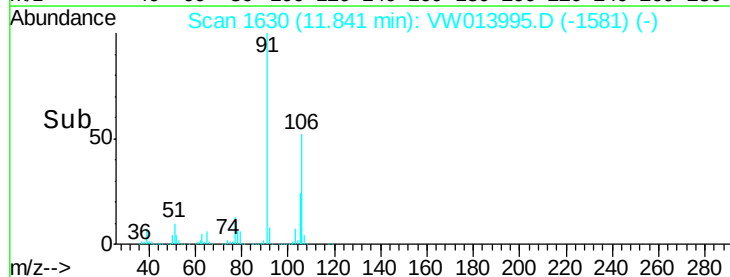
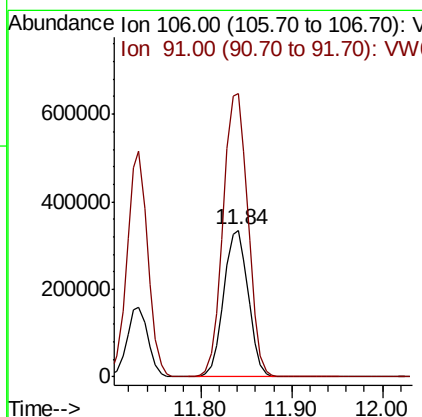
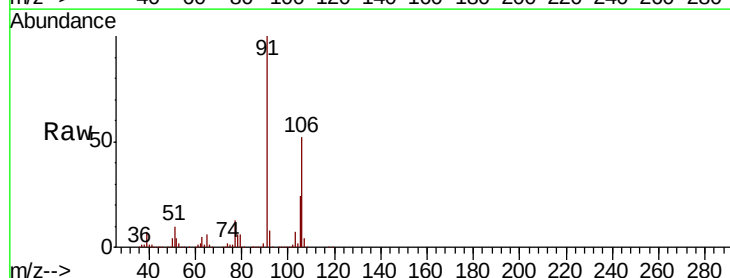
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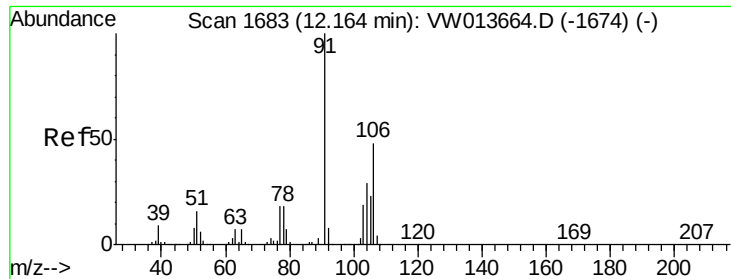
MMDadoda
11/15/2019 10:49:58 AM



#68
m/p-Xylenes
Concen: 104.865 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion: 106 Resp: 629133
Ion Ratio Lower Upper
106 100
91 196.3 159.2 238.8





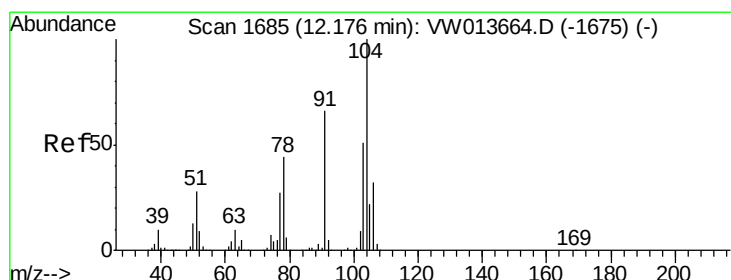
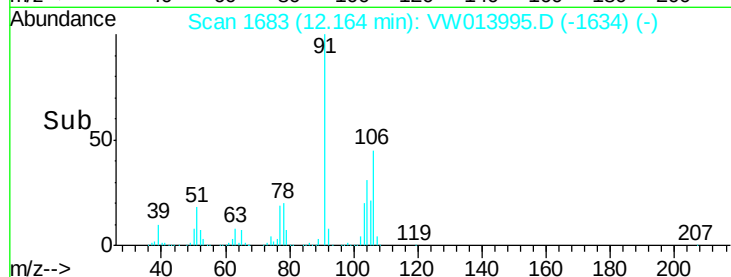
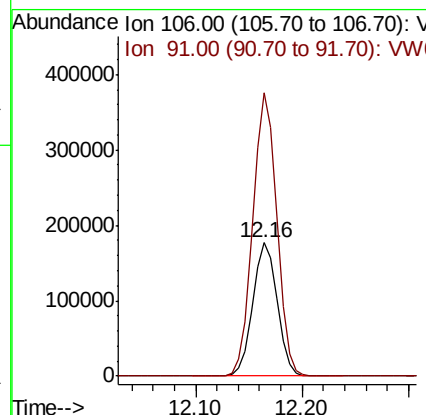
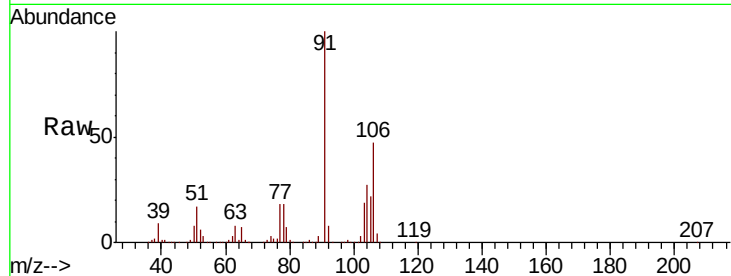
#69
o-Xylene
Concen: 51.761 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.2	104.9	314.7

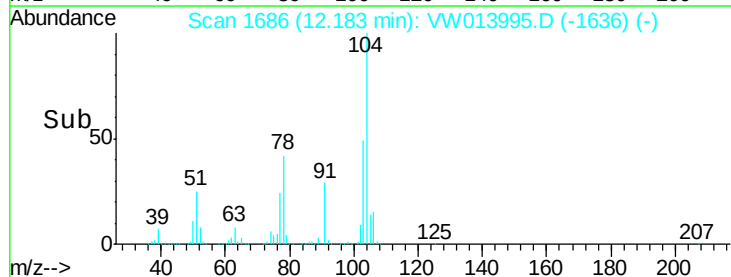
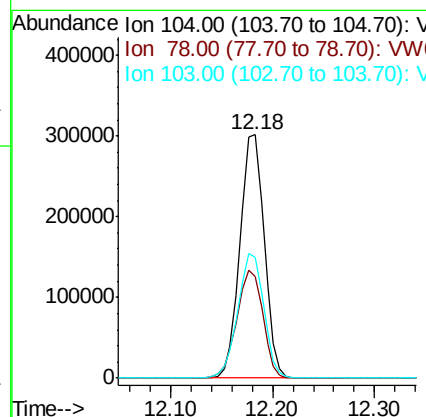
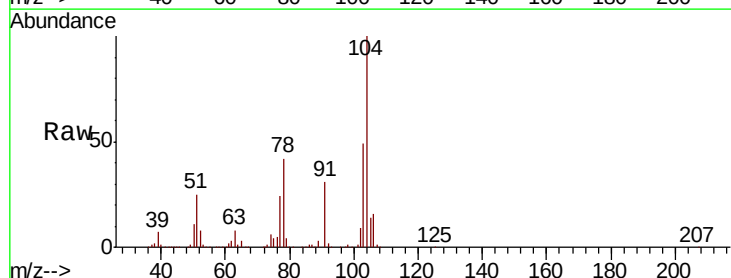
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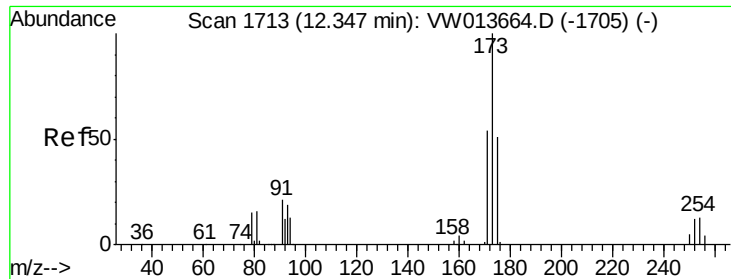
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#70
Styrene
Concen: 52.475 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.5	37.1	55.7
103	54.5	43.6	65.4





#71

Bromoform

Concen: 49.790 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 78530

Ion Ratio Lower Upper

173 100

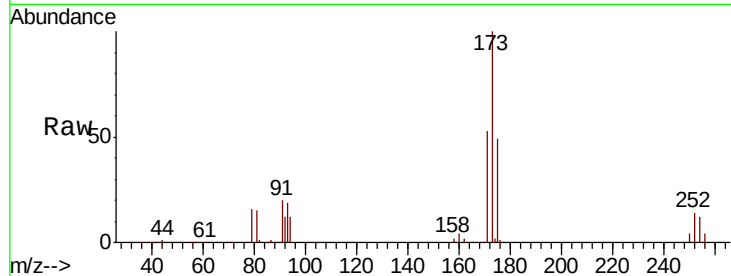
175 49.6 25.2 75.6

254 0.2 0.1 0.1#

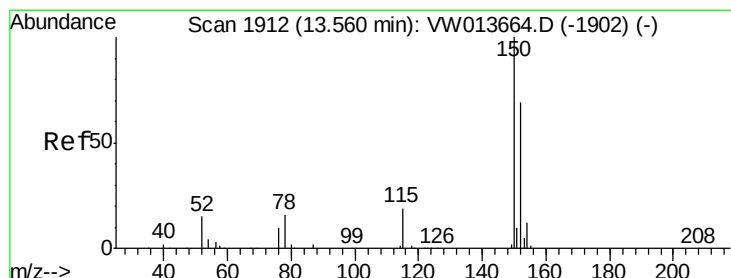
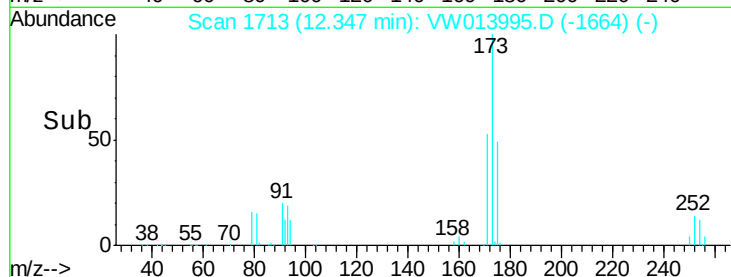
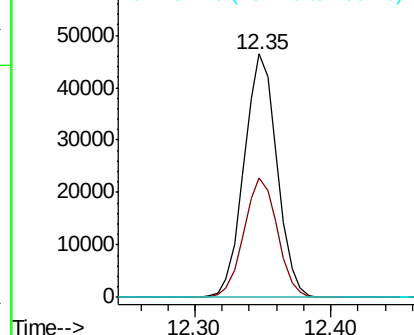
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

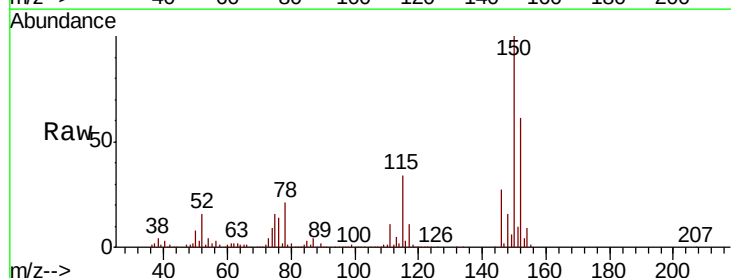
Tgt Ion:152 Resp: 207607

Ion Ratio Lower Upper

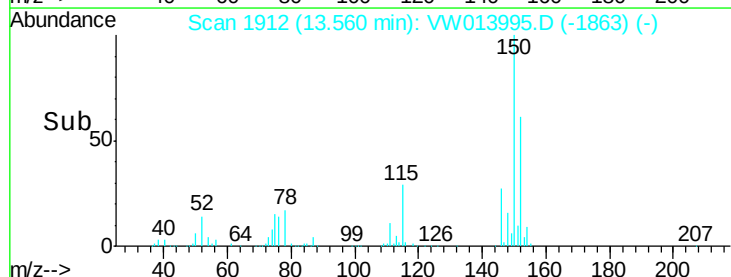
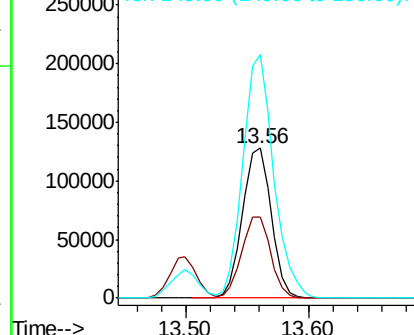
152 100

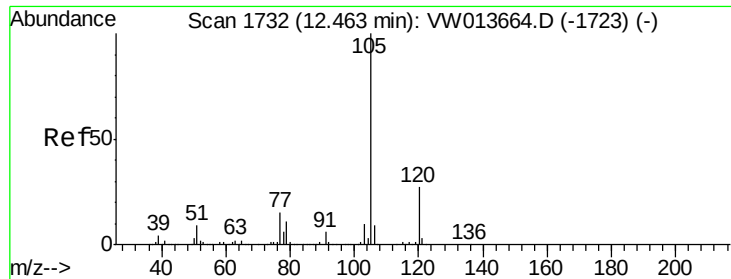
115 54.9 27.4 82.2

150 174.8 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





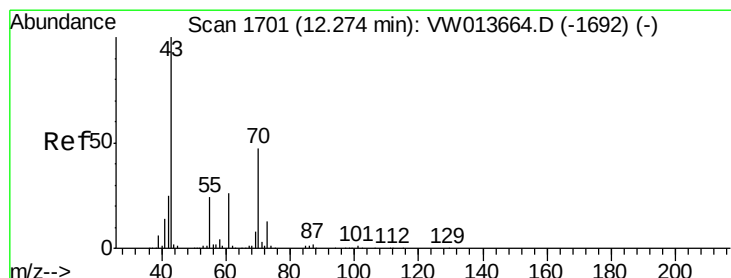
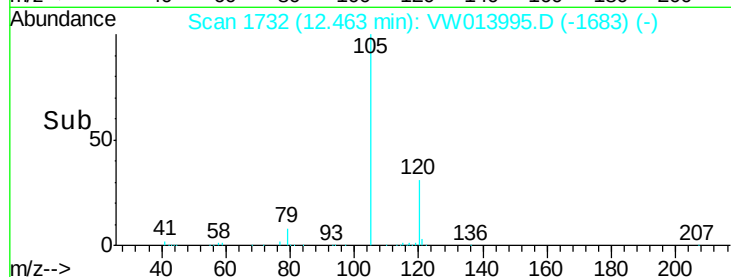
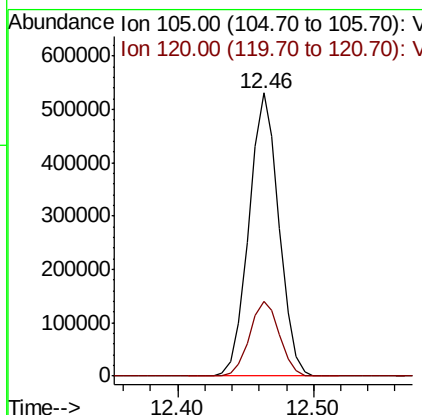
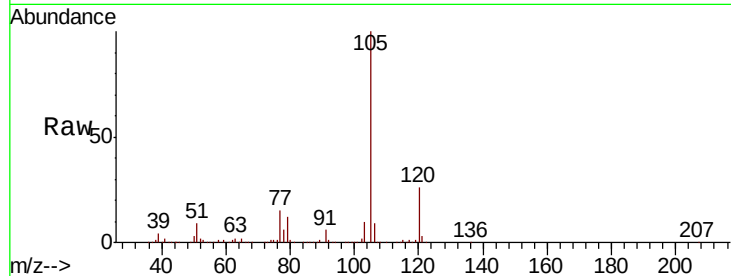
#73
Isopropylbenzene
Concen: 54.904 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.5	40.4

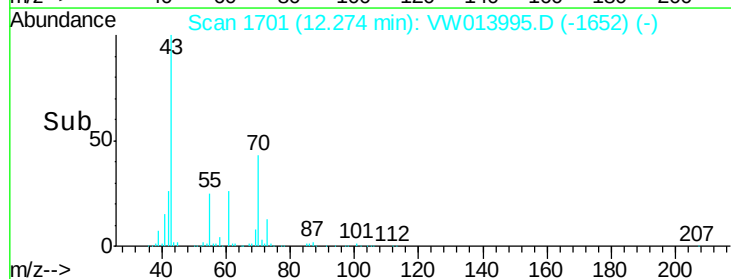
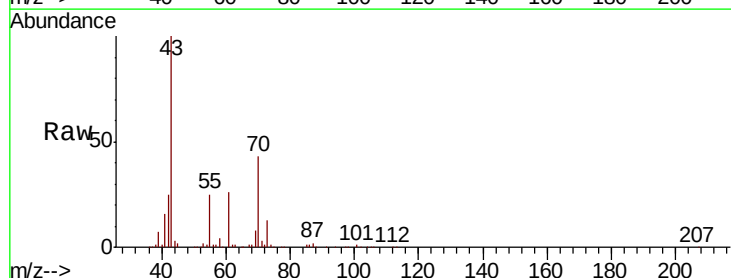
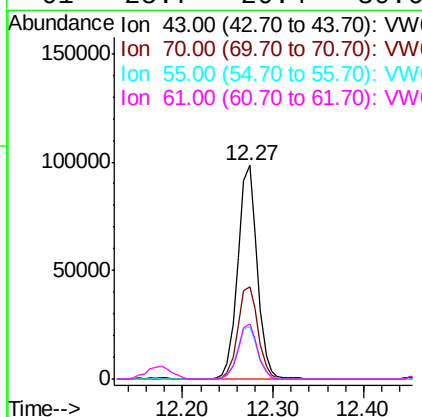
Manual Integrations
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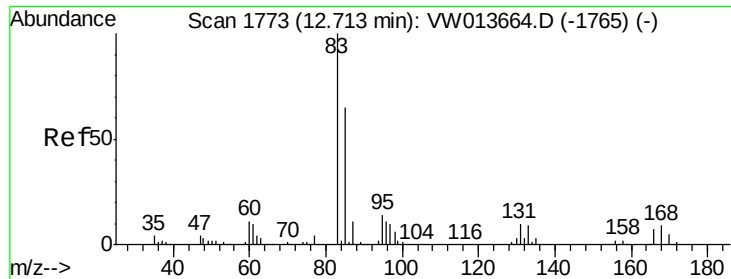
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#74
N-ethyl acetate
Concen: 50.512 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.2	36.6	55.0
55	25.4	20.3	30.5
61	25.7	20.4	30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.373 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Instrument :

MSVOA_W

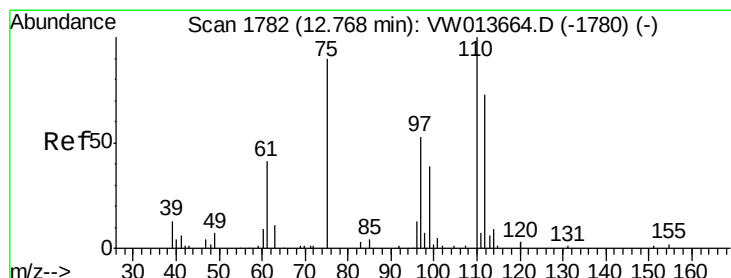
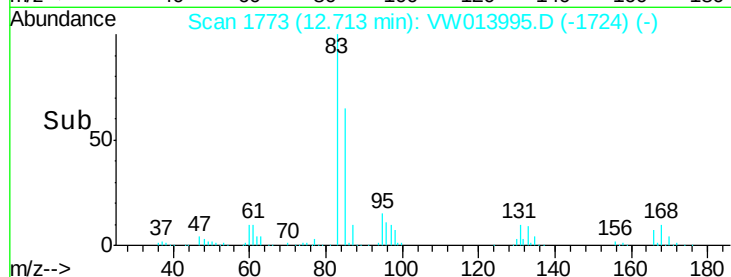
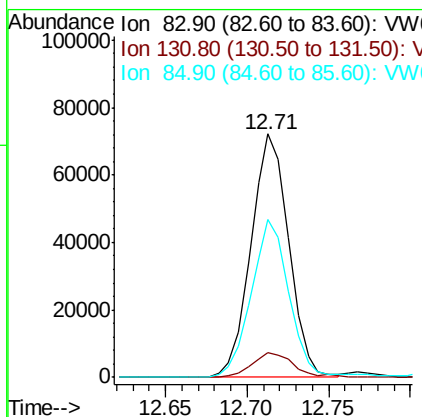
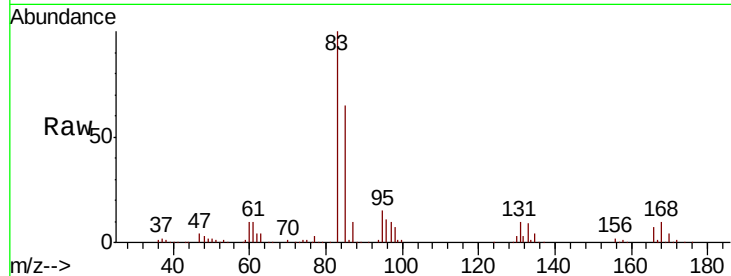
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	116160
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.7	17.1
85	64.1	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.408 ug/l m

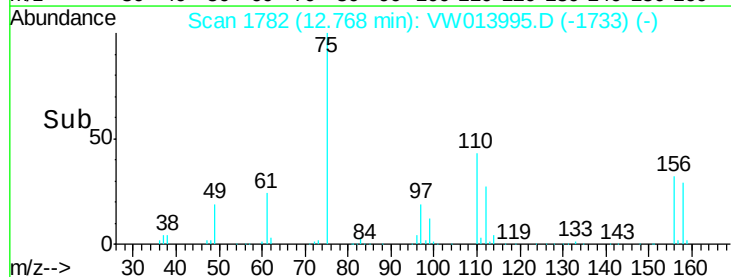
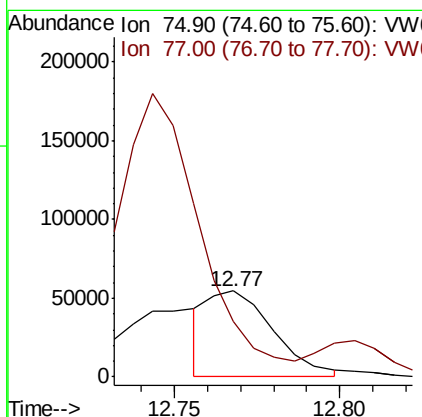
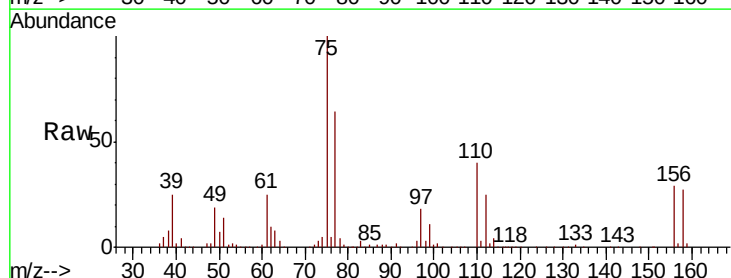
RT: 12.77 min Scan# 1782

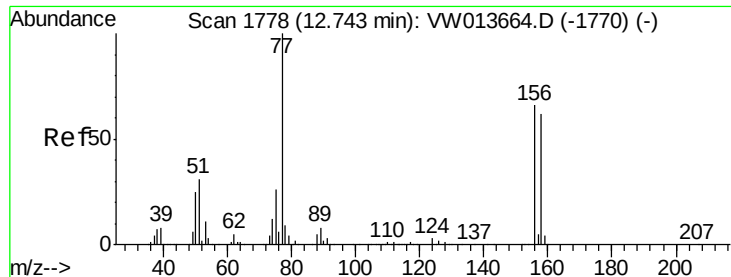
Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Tgt Ion:	75	Resp:	75154
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.650 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Instrument :

MSVOA_W

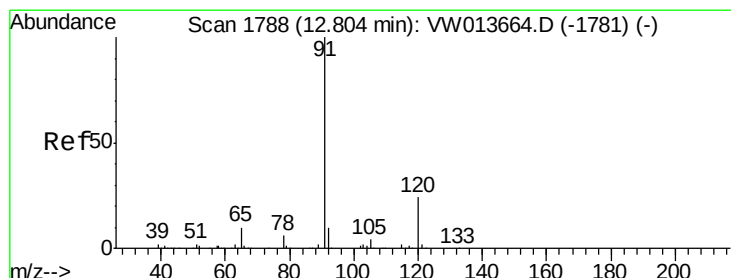
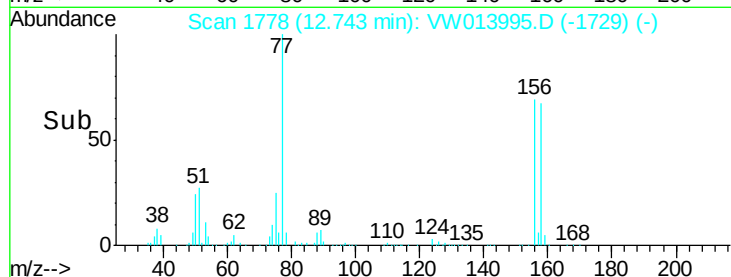
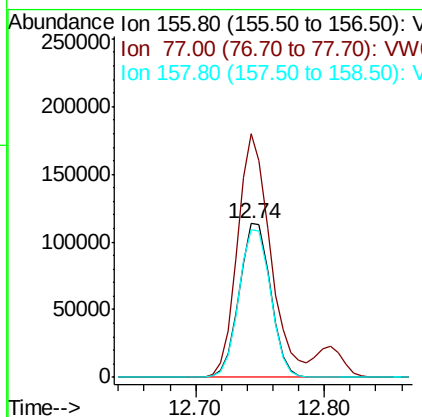
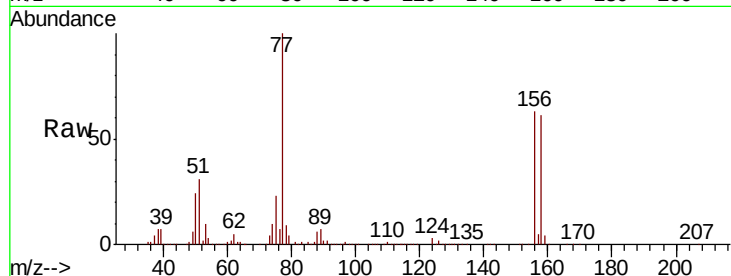
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	191077
Ion Ratio	Lower	Upper	
156	100		
77	166.5	82.9	248.7
158	97.1	48.4	145.2

Manual Integrations
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#78

n-propylbenzene

Concen: 54.679 ug/l

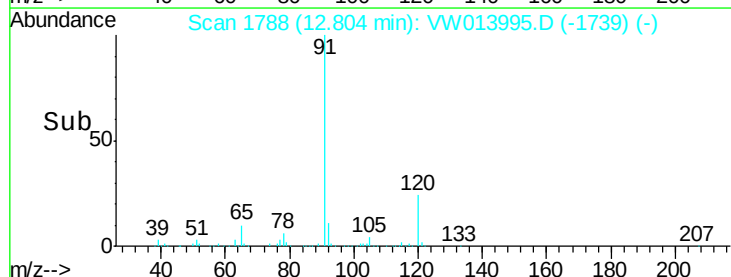
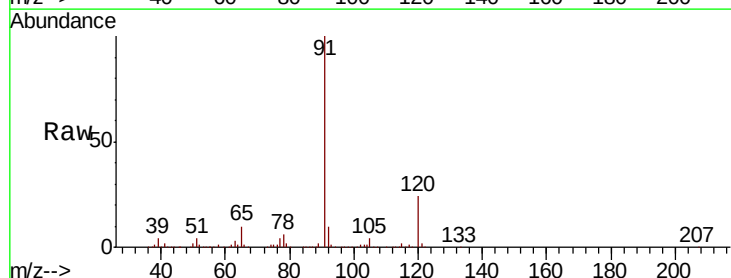
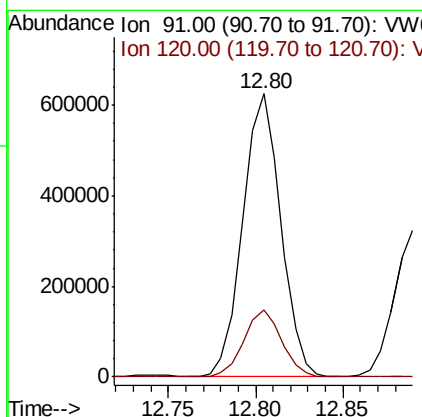
RT: 12.80 min Scan# 1788

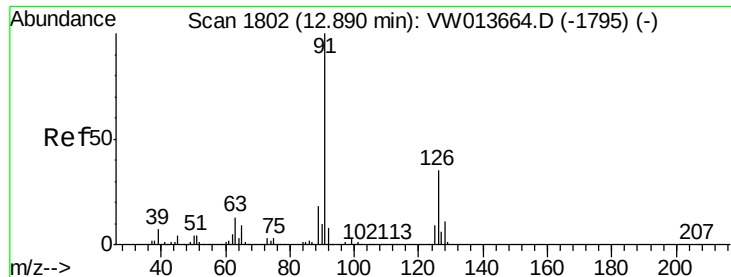
Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Tgt Ion:	91	Resp:	943551
Ion Ratio	Lower	Upper	
91	100		
120	23.6	12.0	36.0





#79

2-Chlorotoluene

Concen: 54.105 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 524673

Ion Ratio Lower Upper

91 100

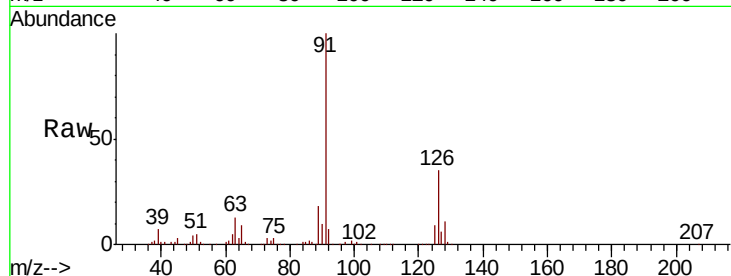
126 35.0 17.4 52.2

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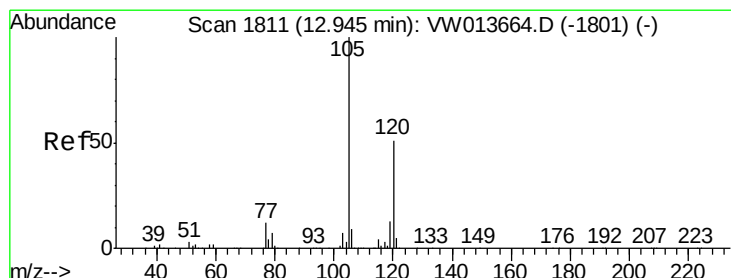
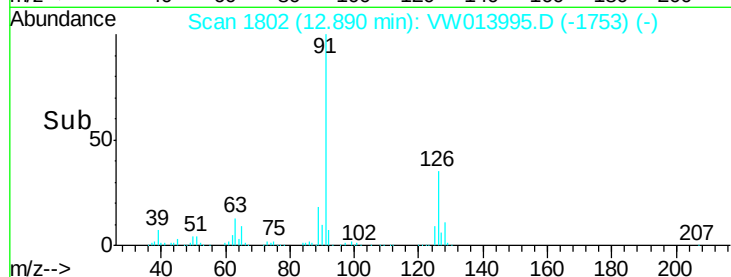
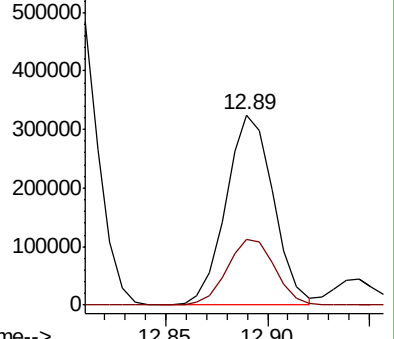
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.918 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013995.D

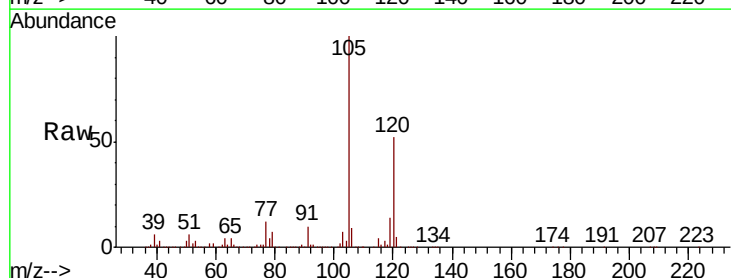
Acq: 13 Nov 2019 09:49

Tgt Ion:105 Resp: 678583

Ion Ratio Lower Upper

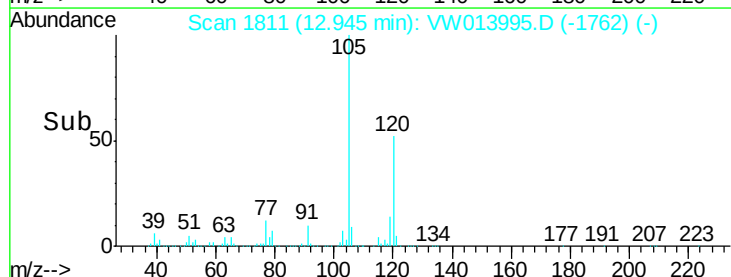
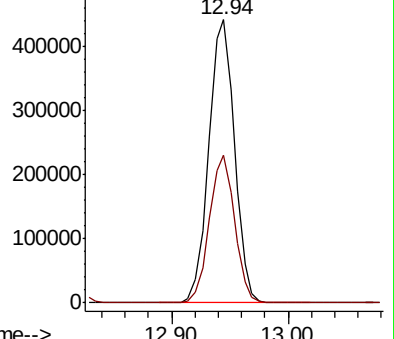
105 100

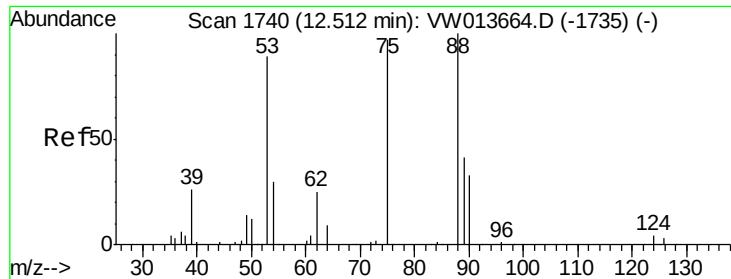
120 51.4 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.075 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 39504

Ion Ratio Lower Upper

75 100

53 91.0 71.7 107.5

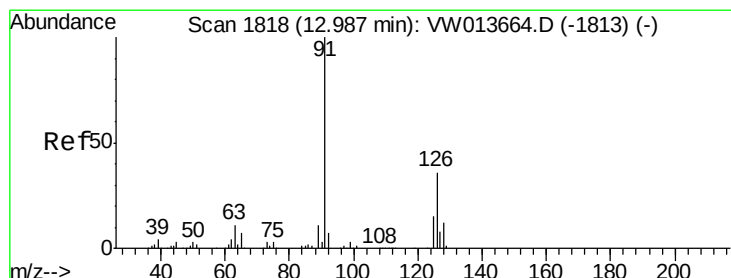
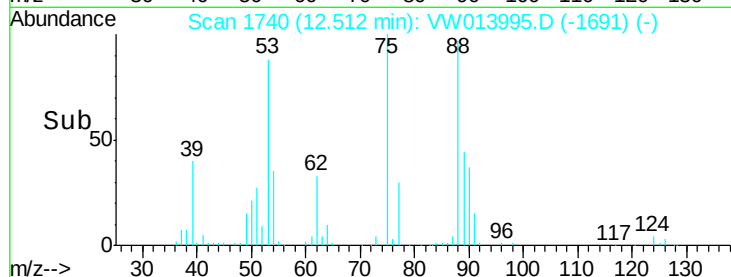
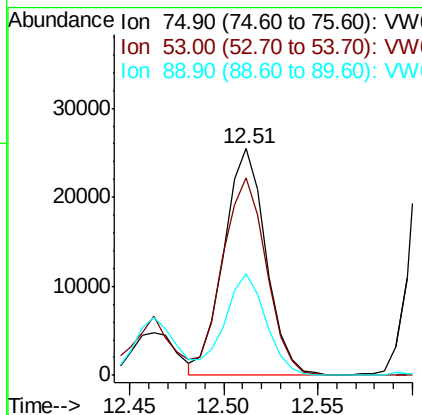
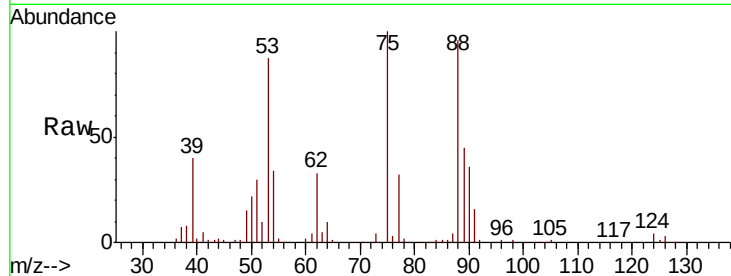
89 43.1 35.8 53.8

Manual Integrations

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#82

4-Chlorotoluene

Concen: 53.970 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW013995.D

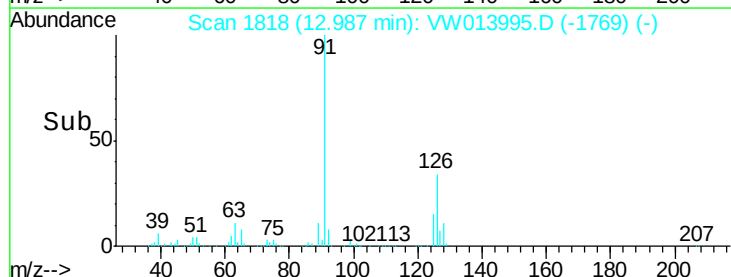
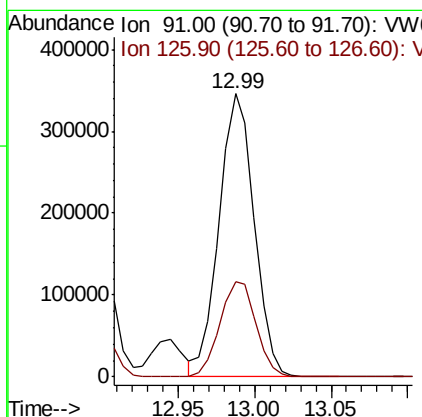
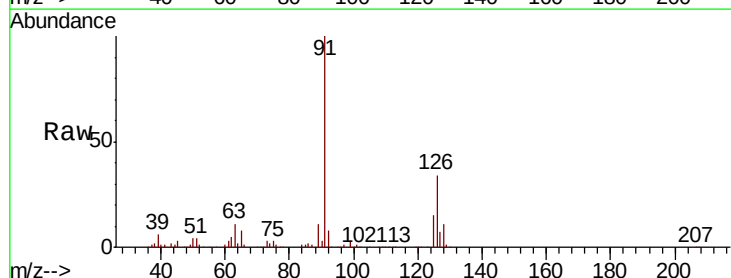
Acq: 13 Nov 2019 09:49

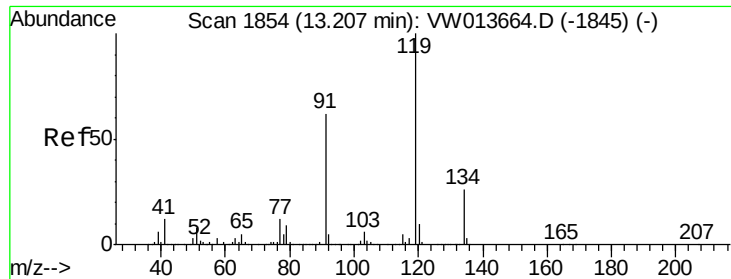
Tgt Ion: 91 Resp: 549457

Ion Ratio Lower Upper

91 100

126 34.7 17.2 51.5





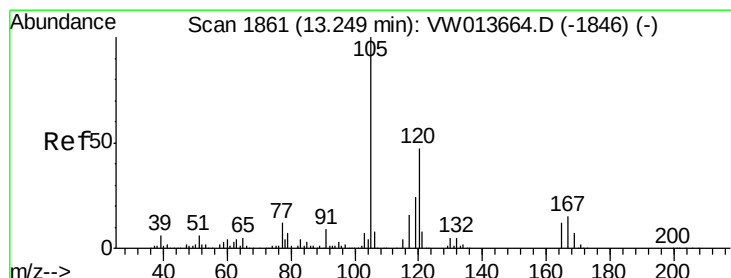
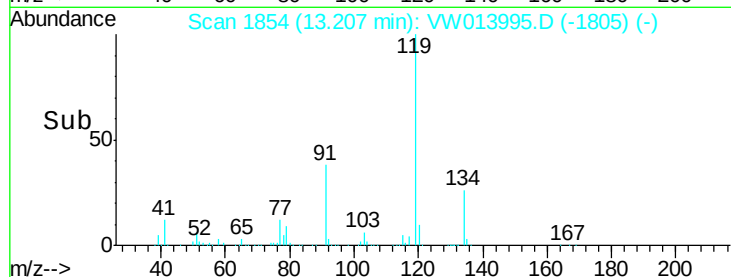
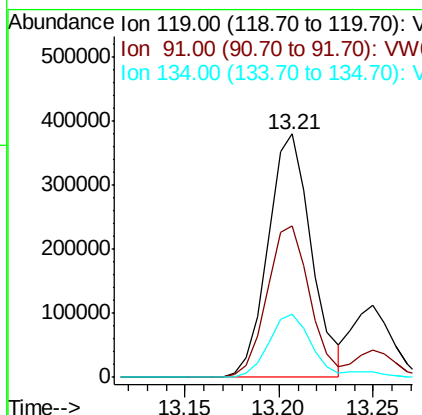
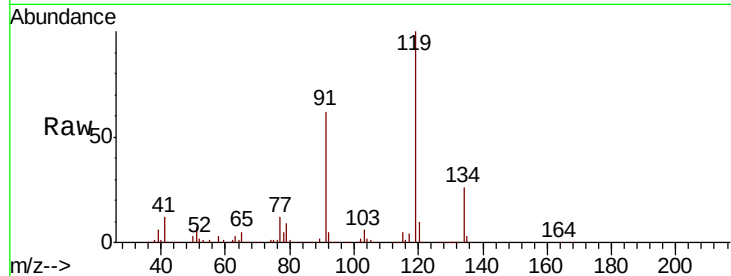
#83
tert-Butylbenzene
Concen: 54.251 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	30.4	91.3
134	27.3	13.6	40.8

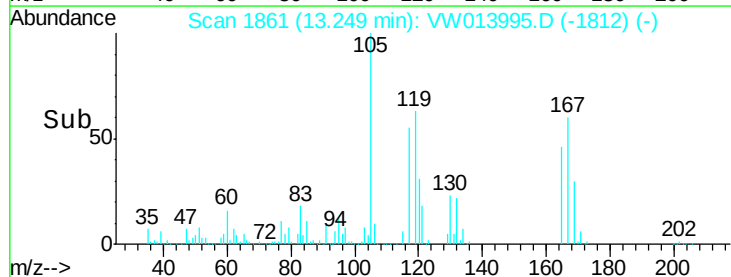
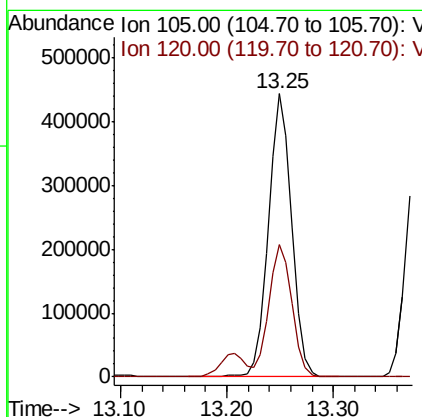
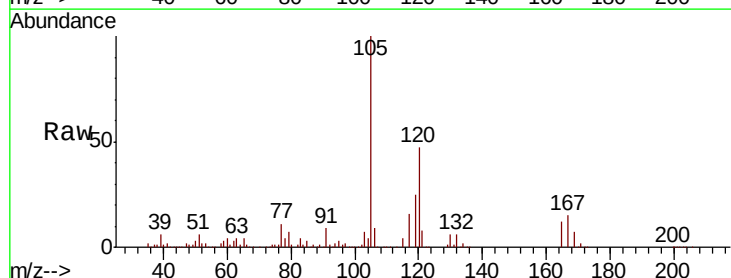
Manual Integrations
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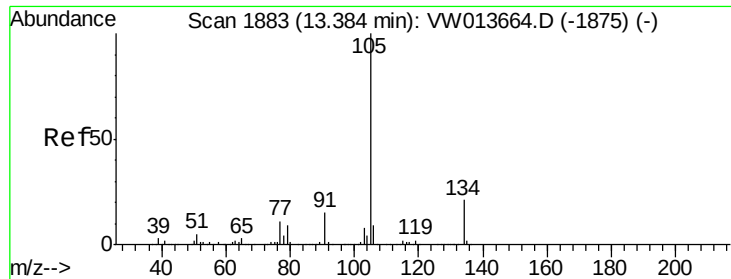
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#84
1,2,4-Trimethylbenzene
Concen: 54.340 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.5	70.5





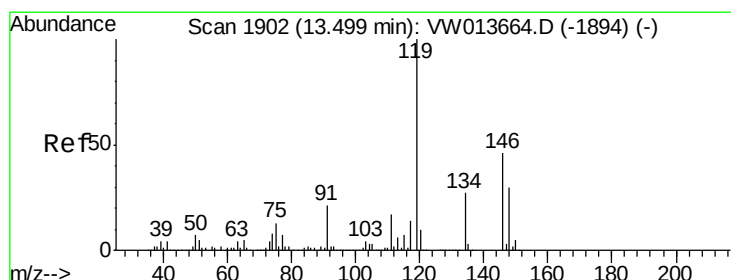
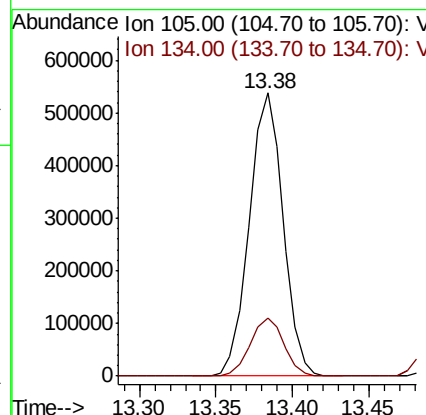
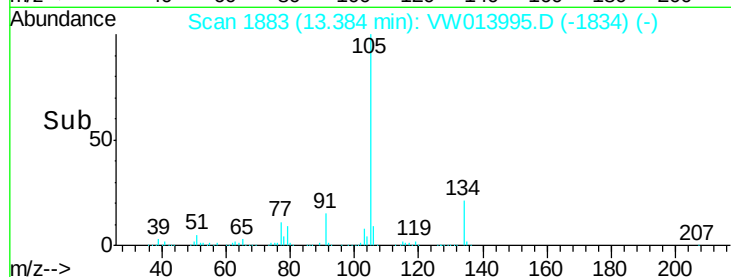
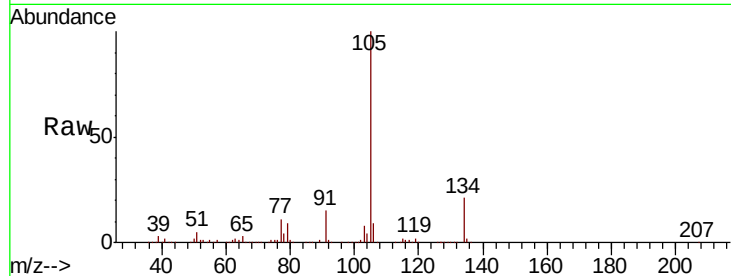
#85
 sec-Butylbenzene
 Concen: 54.081 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013995.D
 Acq: 13 Nov 2019 09:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.5	31.5

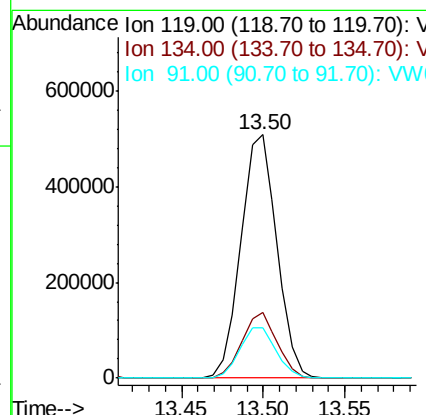
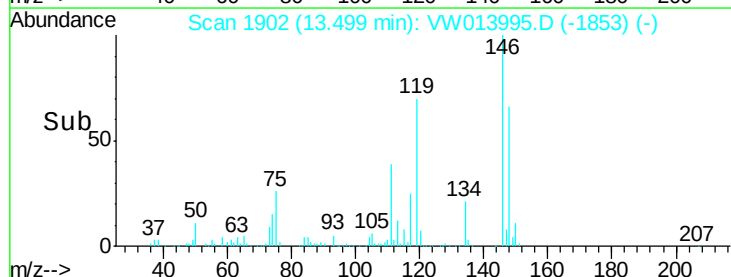
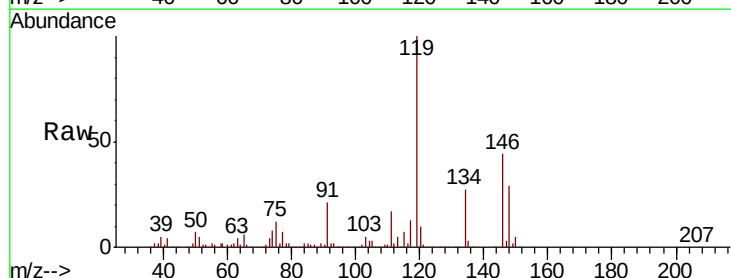
Manual Integrations
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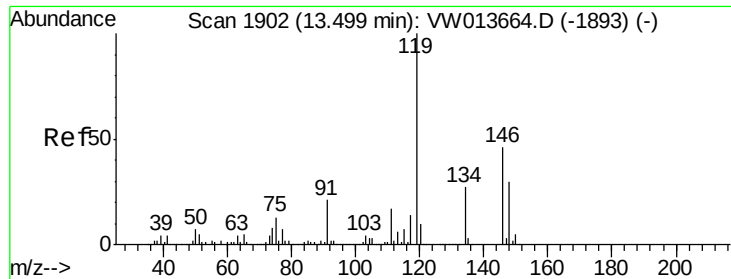
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 11/15/2019 10:49:58 AM



#86
 p-Isopropyltoluene
 Concen: 54.802 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013995.D
 Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.4	40.1
91	21.1	10.8	32.3





#87

1,3-Dichlorobenzene

Concen: 53.242 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

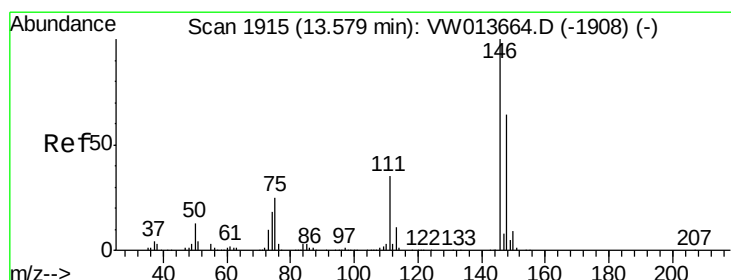
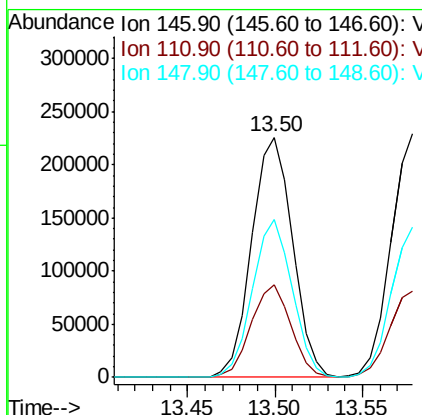
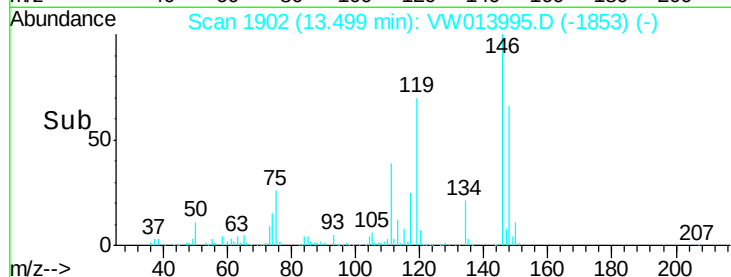
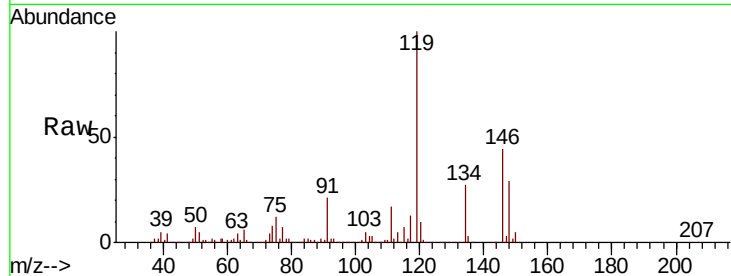
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	56.0
148	63.9	31.7	95.1

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 52.472 ug/l

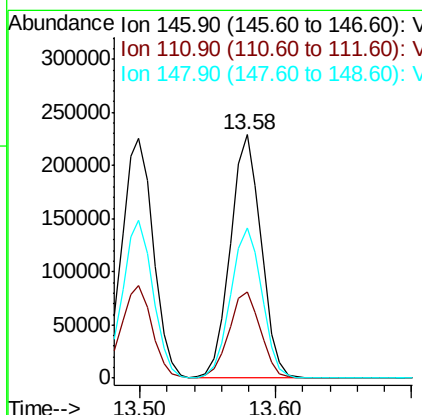
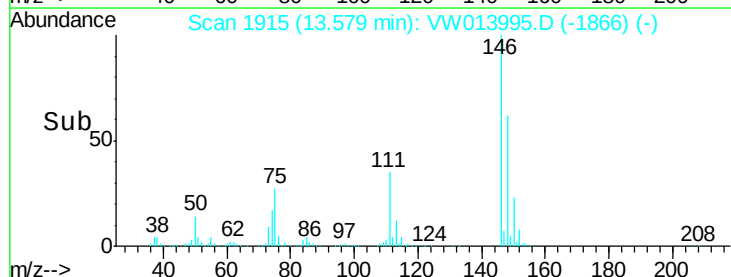
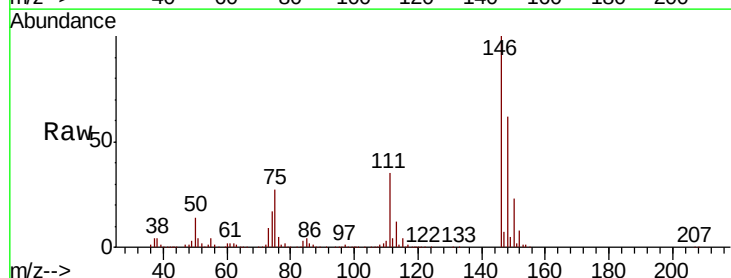
RT: 13.58 min Scan# 1915

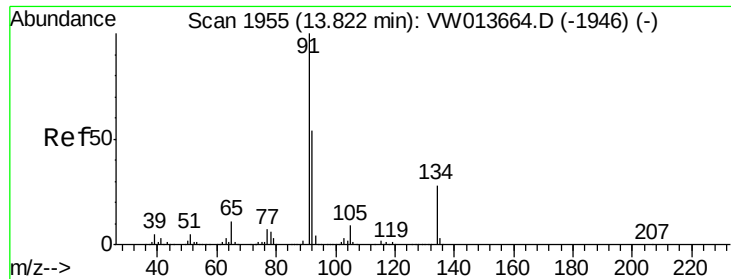
Delta R.T. 0.00 min

Lab File: VW013995.D

Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.3
148	63.0	32.0	96.2





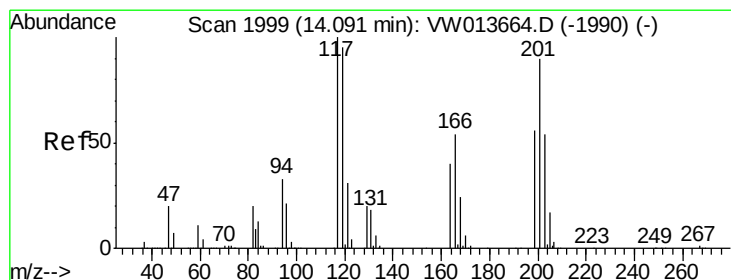
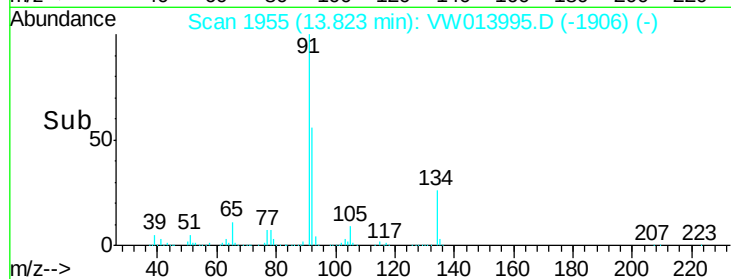
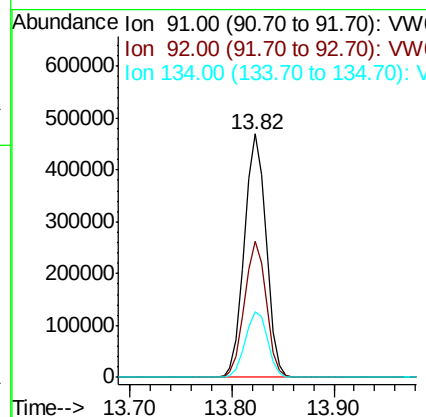
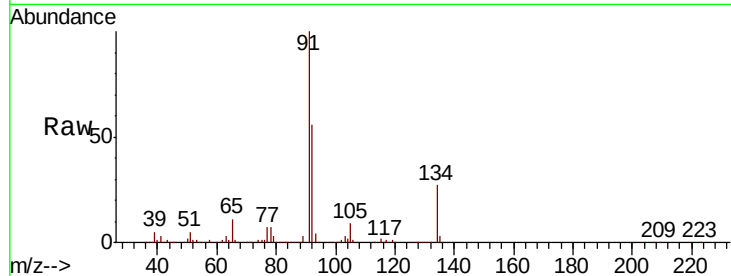
#89
n-Butylbenzene
Concen: 53.784 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.5	82.4
134	27.6	14.0	41.9

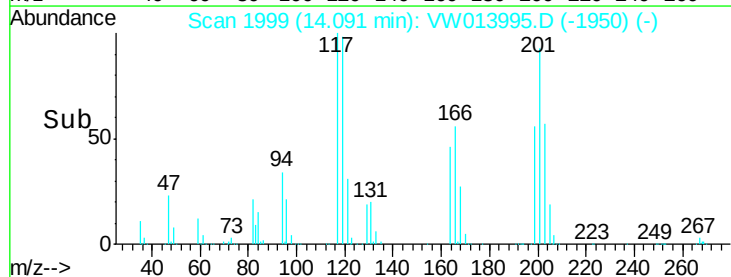
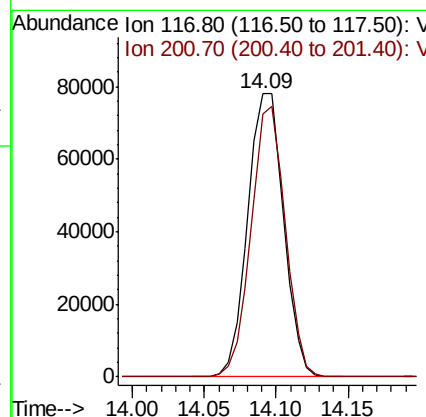
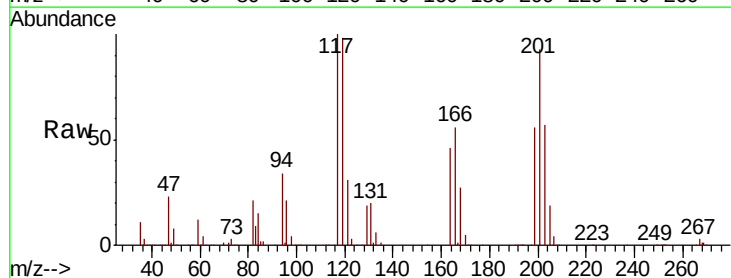
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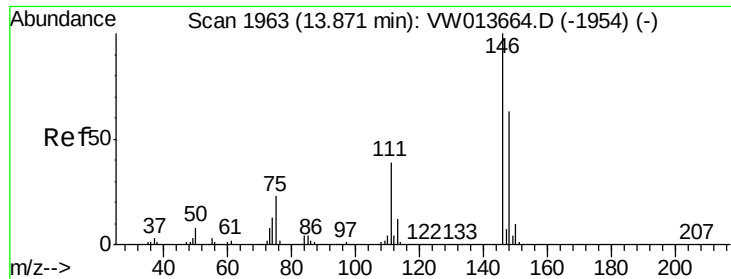
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#90
Hexachloroethane
Concen: 54.484 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.6	46.1	138.2





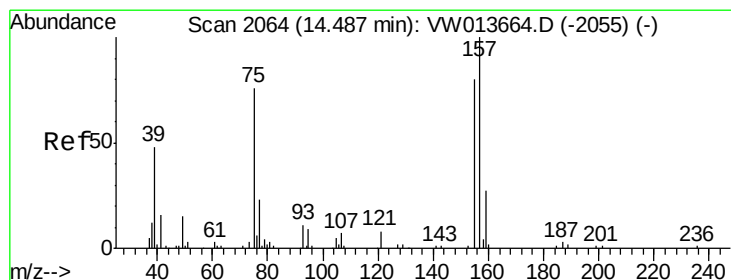
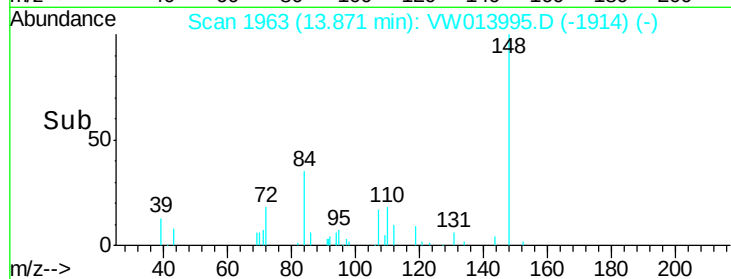
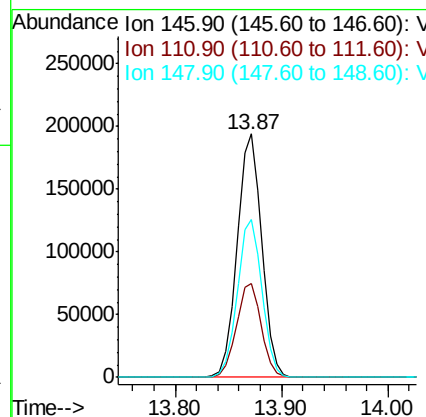
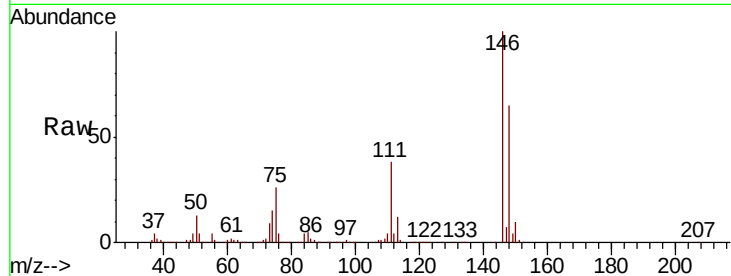
#91
 1,2-Dichlorobenzene
 Concen: 52.471 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013995.D
 Acq: 13 Nov 2019 09:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.9	59.6
148	64.9	31.9	95.9

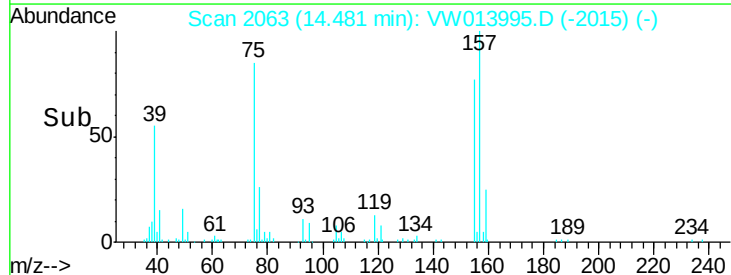
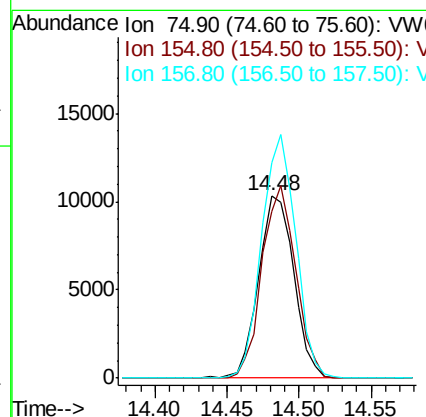
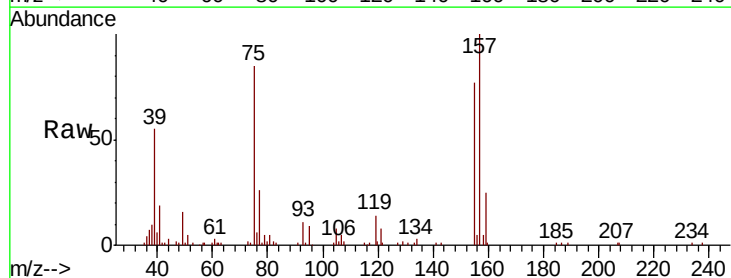
Manual Integrations
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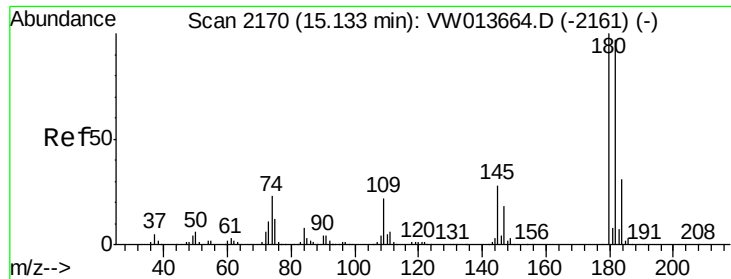
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 11/15/2019 10:49:58 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.232 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW013995.D
 Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.7	51.9	155.7
157	128.8	64.8	194.3





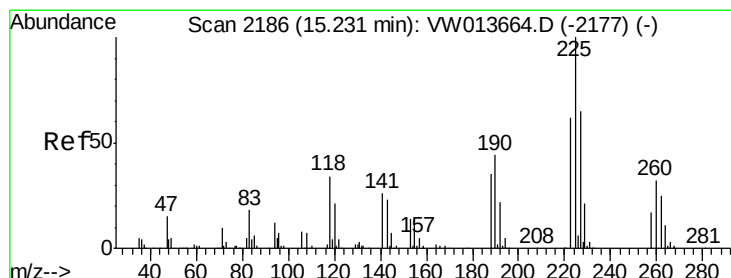
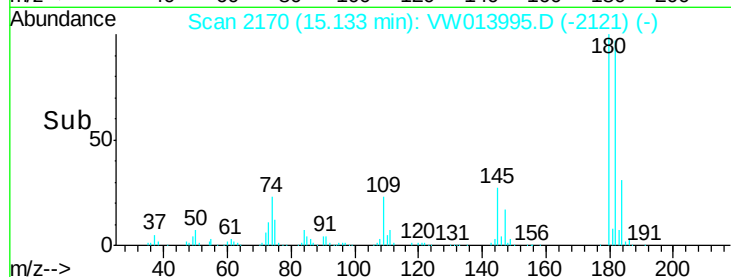
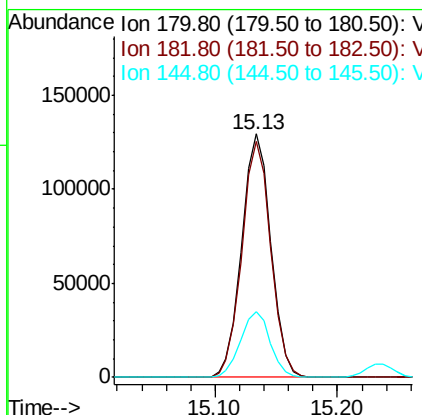
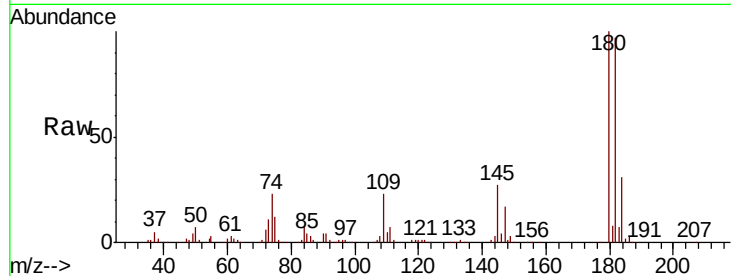
#93
1,2,4-Trichlorobenzene
Concen: 49.136 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	213958		
182	96.0	47.4	142.2	
145	27.4	14.1	42.3	

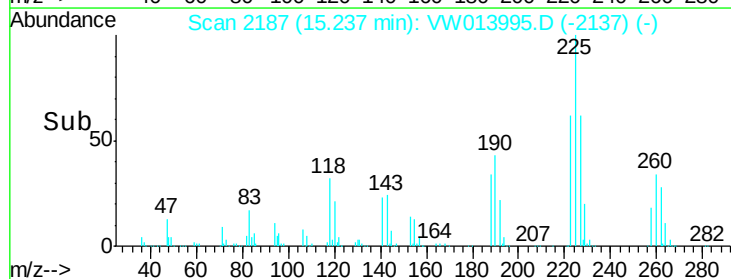
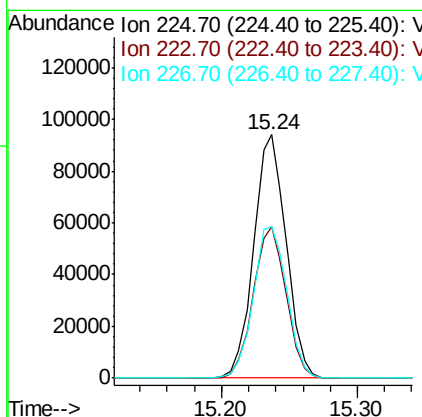
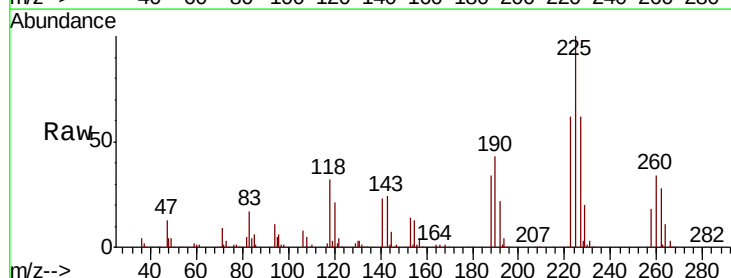
Manual Integrations
APPROVED

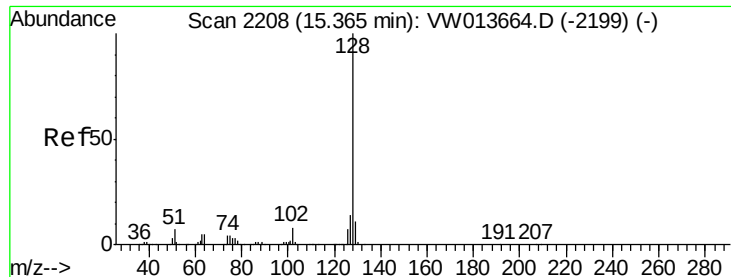
MMDadoda
11/15/2019 10:49:58 AM



#94
Hexachlorobutadiene
Concen: 53.384 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.01 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	156928		
223	62.7	31.9	95.9	
227	64.6	32.5	97.4	





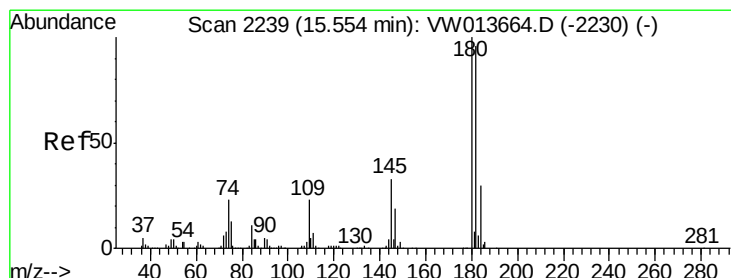
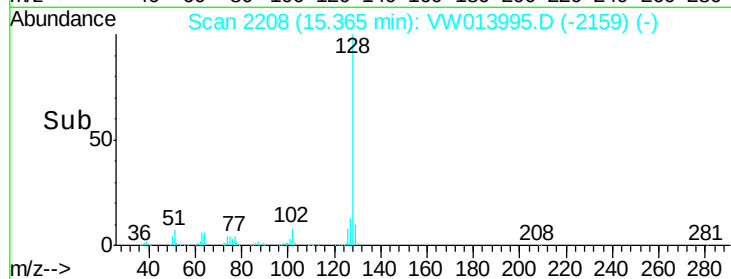
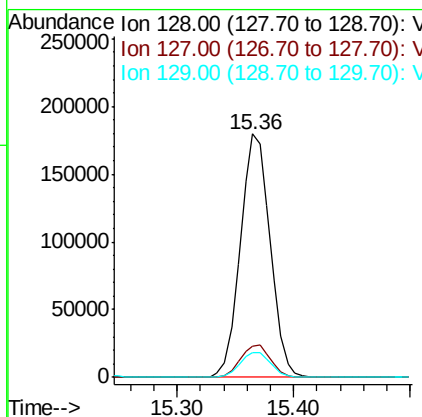
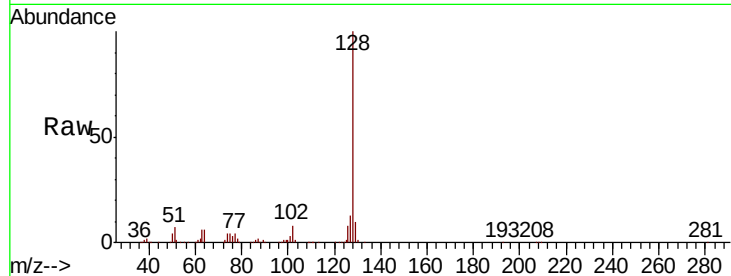
#95
Naphthalene
Concen: 47.028 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/15/2019 10:49:58 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.768 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW013995.D
Acq: 13 Nov 2019 09:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.3
145	29.7	14.9	44.9

