

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100219\
 Data File : VW013375.D
 Acq On : 02 Oct 2019 12:55
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 12:11:23 PM

Quant Time: Oct 02 16:13:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	372601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	532617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	455436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	232172	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	142143	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
35) Dibromofluoromethane	7.88	113	148203	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
50) Toluene-d8	10.32	98	619881	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.62	95	211122	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	75387	52.310	ug/l	88
3) Chloromethane	2.21	50	107780	45.320	ug/l	100
4) Vinyl Chloride	2.36	62	163749	48.516	ug/l	99
5) Bromomethane	2.77	94	103355	49.843	ug/l	92
6) Chloroethane	2.92	64	91392	46.894	ug/l	98
7) Trichlorofluoromethane	3.25	101	73287	50.050	ug/l	98
8) Diethyl Ether	3.68	74	79189	46.724	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	157691	48.575	ug/l	98
10) Methyl Iodide	4.27	142	255750	48.782	ug/l	99
11) Tert butyl alcohol	5.17	59	51343	222.062	ug/l	97
12) 1,1-Dichloroethene	4.04	96	168226	49.046	ug/l	98
13) Acrolein	3.89	56	62377	222.949	ug/l	99
14) Allyl chloride	4.67	41	252655	49.794	ug/l	98
15) Acrylonitrile	5.36	53	168855	220.394	ug/l	99
16) Acetone	4.12	43	175251	205.508	ug/l	97
17) Carbon Disulfide	4.38	76	482215	50.395	ug/l	97
18) Methyl Acetate	4.67	43	80121	40.142	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	234582	46.468	ug/l	100
20) Methylene Chloride	4.91	84	172551	48.412	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	176244	48.250	ug/l	99
22) Diisopropyl ether	6.31	45	478889	48.872	ug/l	98
23) Vinyl Acetate	6.25	43	1415694	240.774	ug/l	98
24) 1,1-Dichloroethane	6.21	63	293604	49.193	ug/l	99
25) 2-Butanone	7.17	43	231852	212.478	ug/l	92
26) 2,2-Dichloropropane	7.16	77	176624	51.188	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	186294	48.725	ug/l	98
28) Bromochloromethane	7.51	49	117864	54.619	ug/l	93
29) Tetrahydrofuran	7.52	42	138168	218.951	ug/l	99
30) Chloroform	7.67	83	278785	47.637	ug/l	100
31) Cyclohexane	7.95	56	295302	46.395	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	225249	49.128	ug/l	99
36) 1,1-Dichloropropene	8.08	75	242894	49.099	ug/l	99
37) Ethyl Acetate	7.25	43	96710	44.312	ug/l	97
38) Carbon Tetrachloride	8.07	117	217659	50.792	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	322795	49.546	ug/l	97
40) Benzene	8.32	78	684544	48.882	ug/l	100
41) Methacrylonitrile	7.48	41	67296	51.121	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	171828	47.740	ug/l	99
43) Isopropyl Acetate	8.42	43	186615	45.414	ug/l	99
44) Trichloroethene	9.09	130	195650	49.613	ug/l	93
45) 1,2-Dichloropropane	9.37	63	163109	48.511	ug/l	99
46) Dibromomethane	9.46	93	78355	46.787	ug/l	96
47) Bromodichloromethane	9.64	83	204603	49.628	ug/l	99
48) Methyl methacrylate	9.43	41	93456	47.333	ug/l	94
49) 1,4-Dioxane	9.45	88	24205	935.881	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	470879	218.104	ug/l	99
52) Toluene	10.38	92	442228	48.960	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	210047	48.981	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	257199	49.468	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	117953	47.213	ug/l	97
56) Ethyl methacrylate	10.64	69	157068	46.709	ug/l	98
57) 1,3-Dichloropropane	10.93	76	205516	47.319	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	341321	247.096	ug/l	99
59) 2-Hexanone	10.97	43	333894	223.126	ug/l	99
60) Dibromochloromethane	11.13	129	141430	49.484	ug/l	99
61) 1,2-Dibromoethane	11.23	107	113237	46.906	ug/l	99
64) Tetrachloroethene	10.86	164	165666	47.812	ug/l	96
65) Chlorobenzene	11.66	112	456050	48.877	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	160532	50.515	ug/l	100
67) Ethyl Benzene	11.73	91	839408	50.196	ug/l	98
68) m/p-Xylenes	11.84	106	642985	99.615	ug/l	100
69) o-Xylene	12.16	106	301714	50.556	ug/l	97
70) Styrene	12.18	104	515596	50.540	ug/l	99
71) Bromoform	12.35	173	84367	48.966	ug/l #	99
73) Isopropylbenzene	12.46	105	829364	48.835	ug/l	99
74) N-amyl acetate	12.27	43	169477	46.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	130132	45.272	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	101913m	49.389	ug/l	
77) Bromobenzene	12.74	156	195146	47.855	ug/l	99
78) n-propylbenzene	12.80	91	977044	50.015	ug/l	99
79) 2-Chlorotoluene	12.89	91	540143	49.781	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	699520	49.585	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	44491	46.199	ug/l	96
82) 4-Chlorotoluene	12.99	91	563848	49.608	ug/l	100
83) tert-Butylbenzene	13.21	119	619949	50.311	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	695666	49.604	ug/l	98
85) sec-Butylbenzene	13.38	105	854897	50.320	ug/l	100
86) p-Isopropyltoluene	13.50	119	796471	50.586	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	380397	49.583	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	373470	48.618	ug/l	99
89) n-Butylbenzene	13.82	91	727454	51.247	ug/l	99
90) Hexachloroethane	14.09	117	134246	51.608	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	330007	48.659	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18995	44.179	ug/l	90

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QLast Update : Wed Oct 02 11:49:57 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	242925	49.911	ug/l	99
94) Hexachlorobutadiene	15.24	225	159813	50.546	ug/l	98
95) Naphthalene	15.36	128	400465	48.775	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	210675	49.576	ug/l	99

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

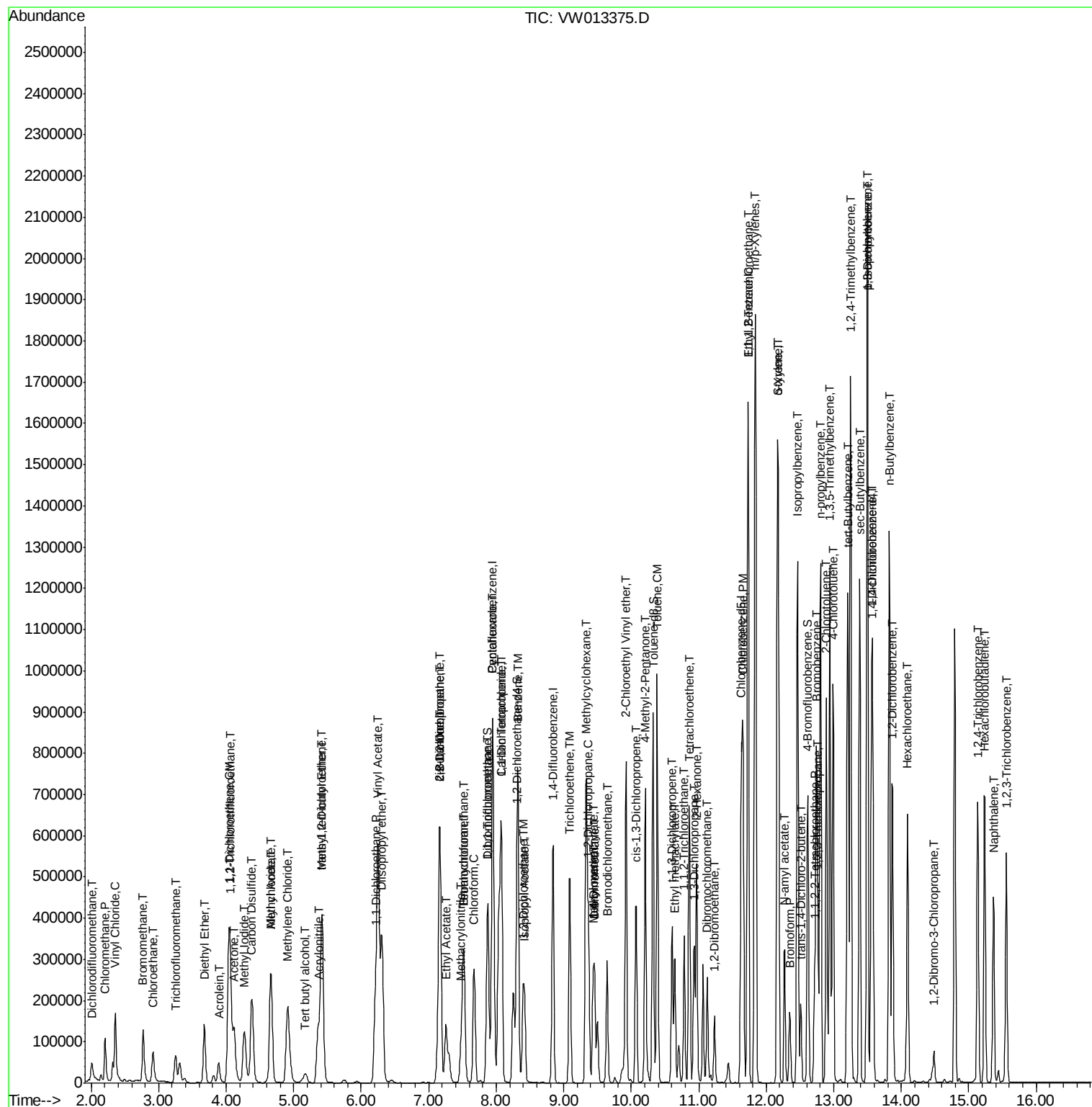
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 Operator : SY/VA
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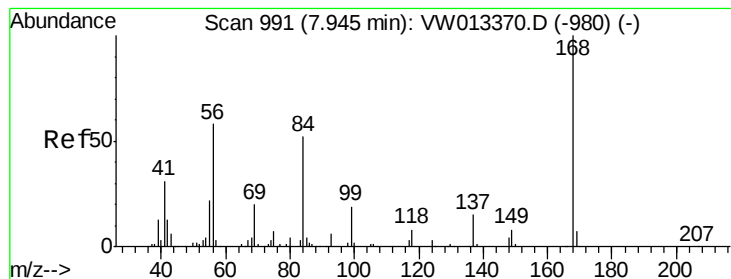
Instrument :
 MSVOA_W
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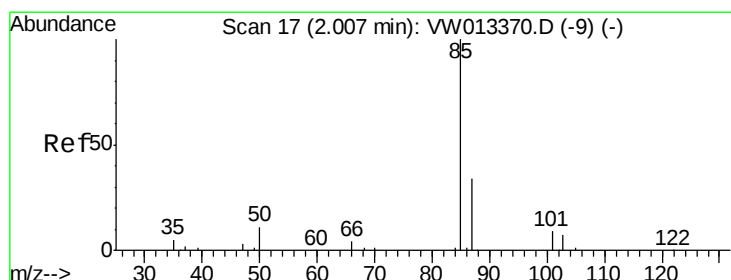
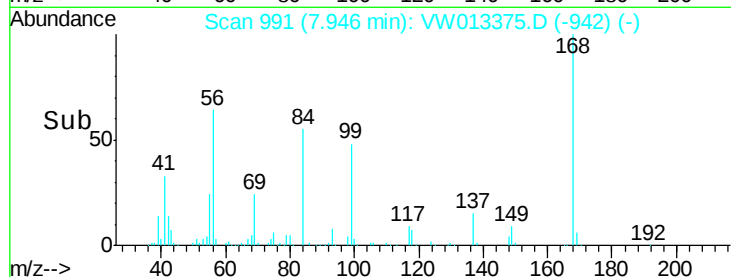
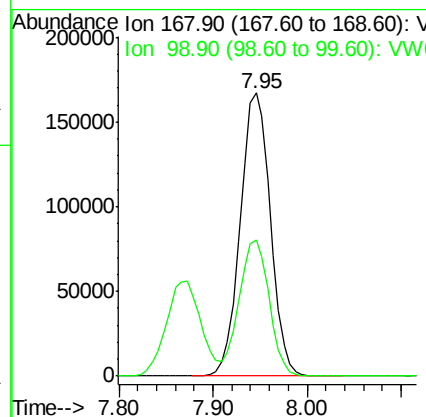
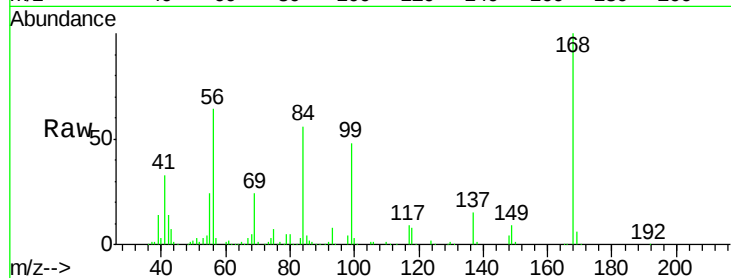
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
168	100	372601		
99	48.3	40.2	60.4	

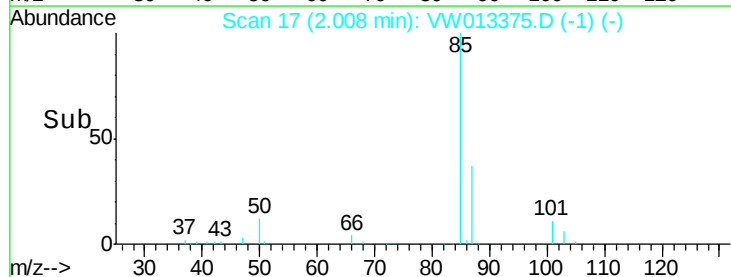
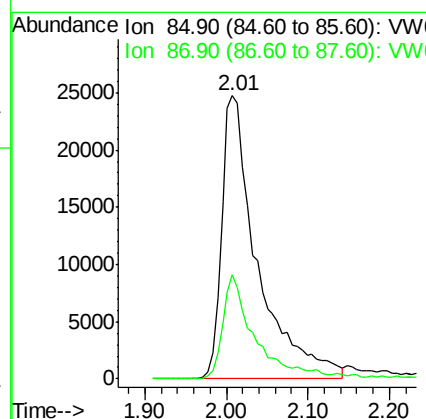
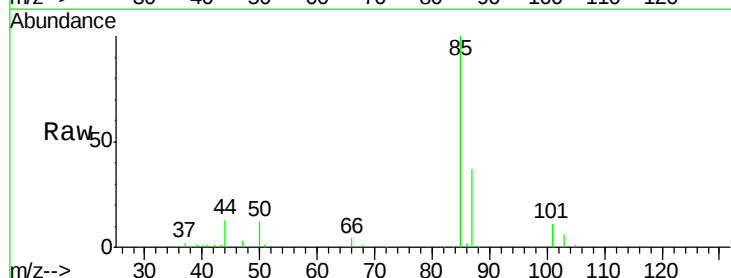
Manual Integrations
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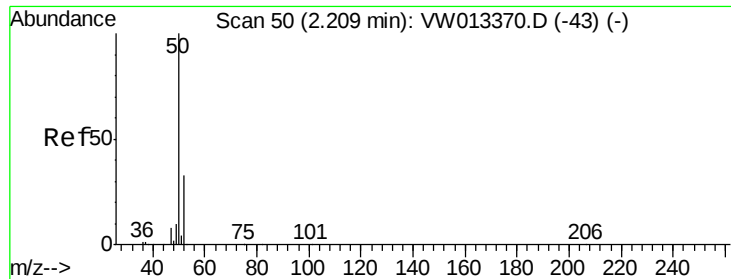
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#2
Dichlorodifluoromethane
Concen: 52.310 ug/l
RT: 2.01 min Scan# 17
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	75387		
87	36.8	15.1	45.3	





#3

Chloromethane

Concen: 45.320 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 107780

Ion Ratio Lower Upper

50 100

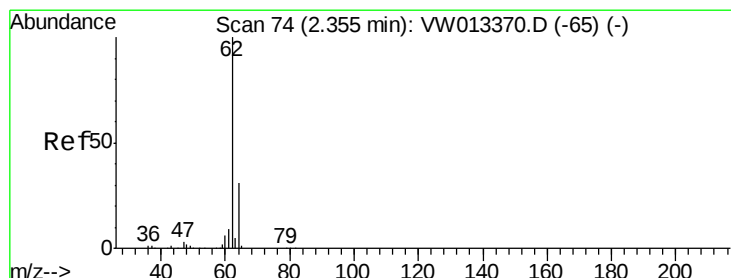
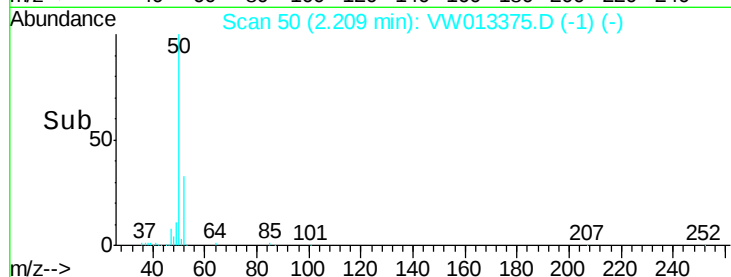
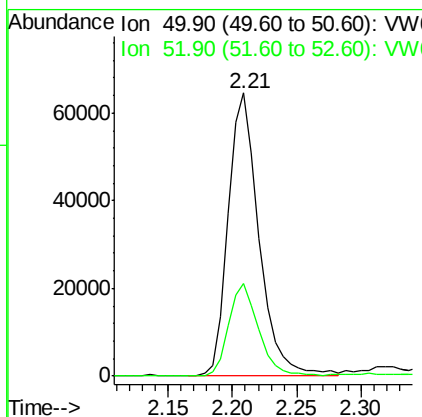
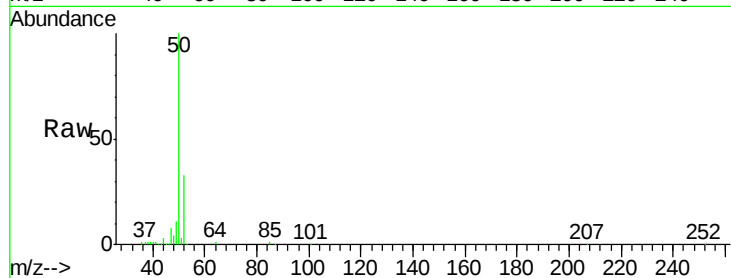
52 32.8 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.516 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013375.D

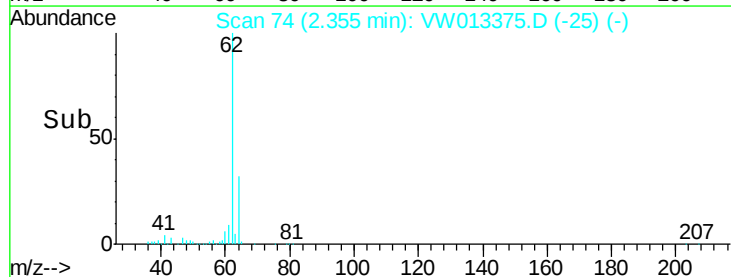
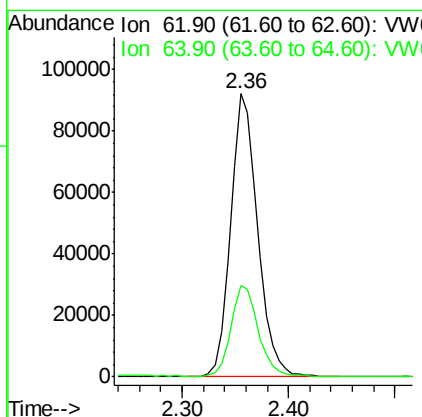
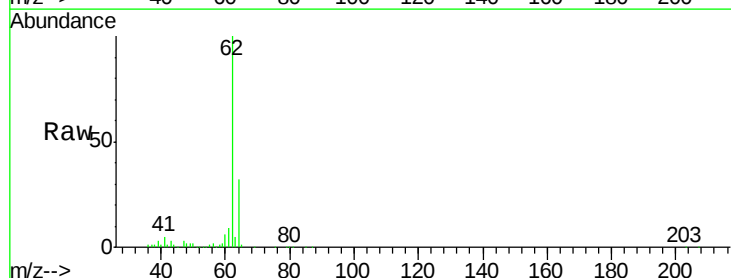
Acq: 02 Oct 2019 12:55

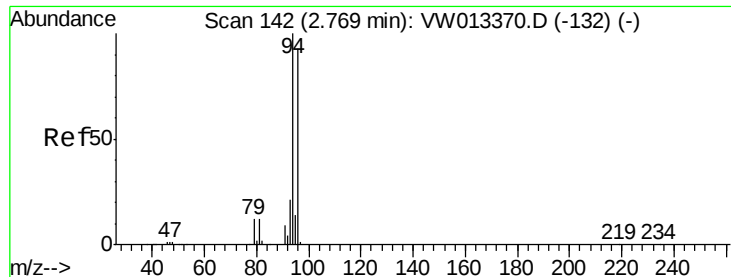
Tgt Ion: 62 Resp: 163749

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 49.843 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 103355

Ion Ratio Lower Upper

94 100

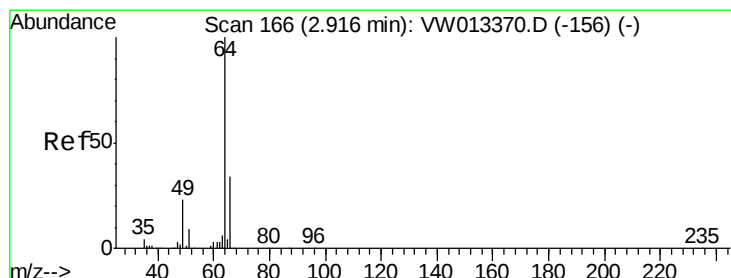
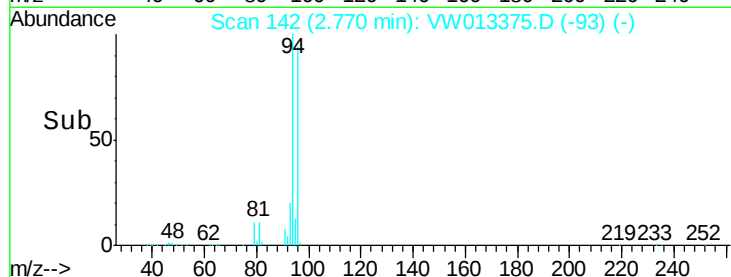
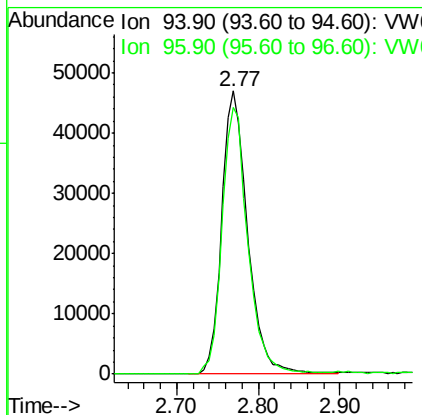
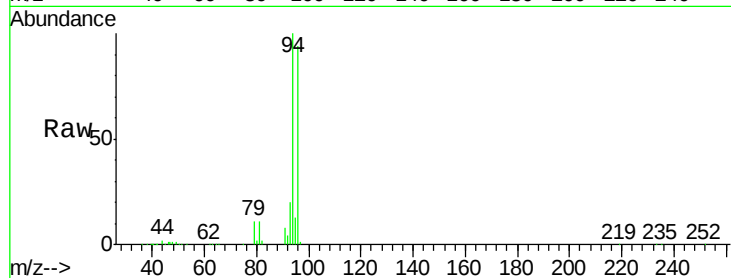
96 94.1 69.7 104.5

Manual Integrations

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#6

Chloroethane

Concen: 46.894 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW013375.D

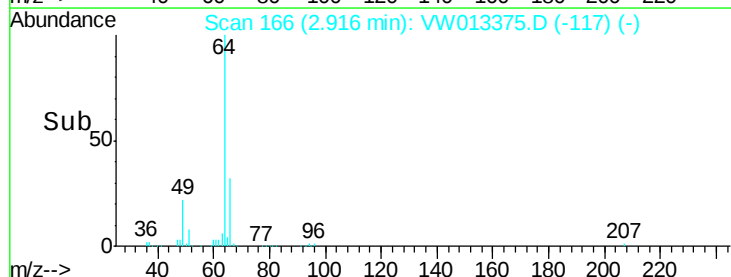
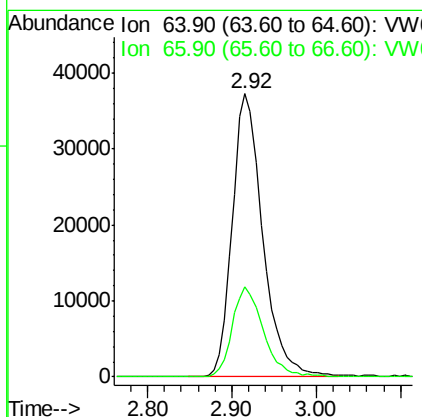
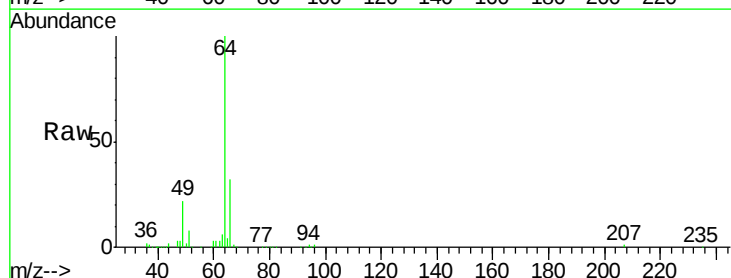
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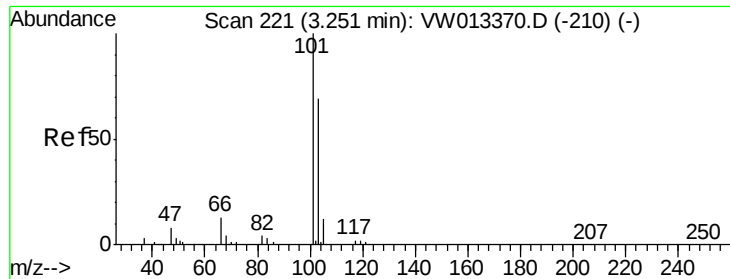
Tgt Ion: 64 Resp: 91392

Ion Ratio Lower Upper

64 100

66 32.0 26.6 39.8





#7

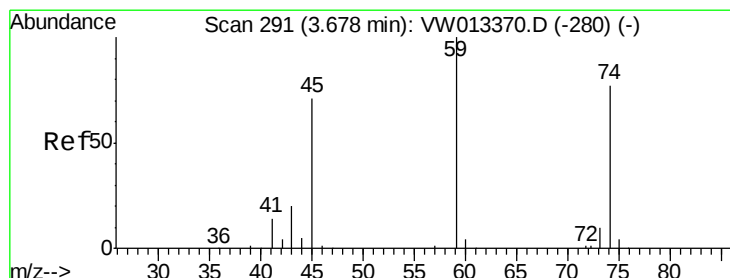
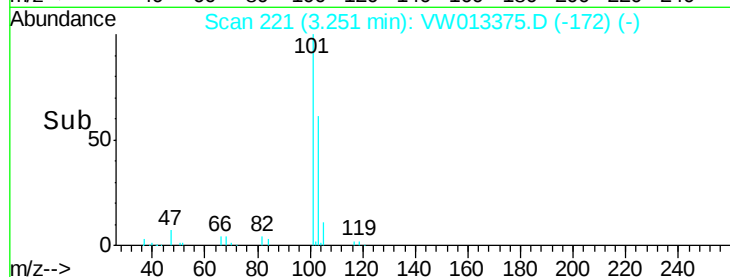
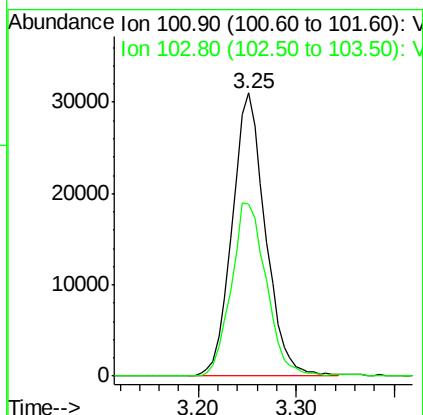
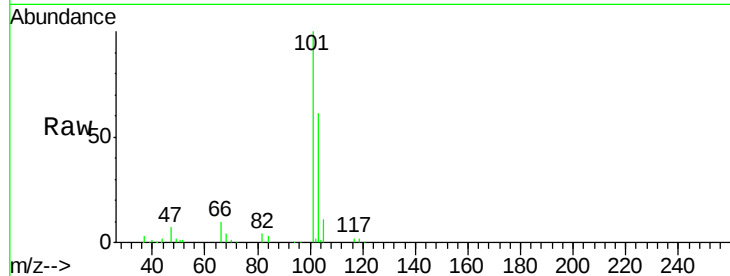
Trichlorofluoromethane
 Concen: 50.050 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.7	49.7	74.5

Manual Integrations
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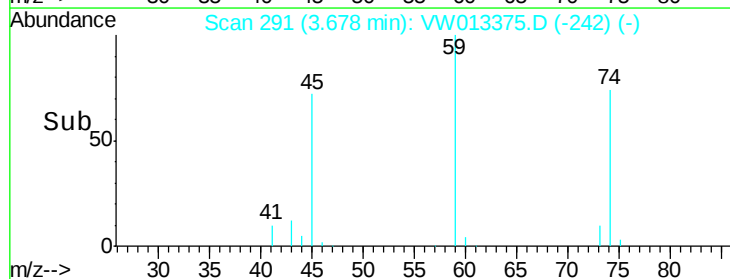
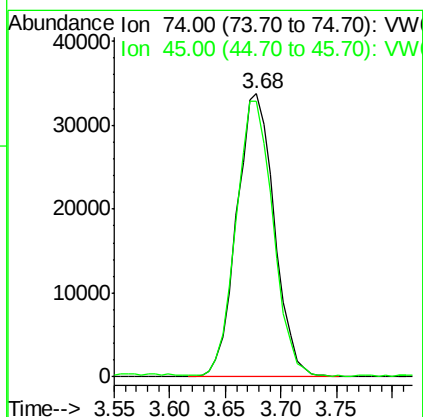
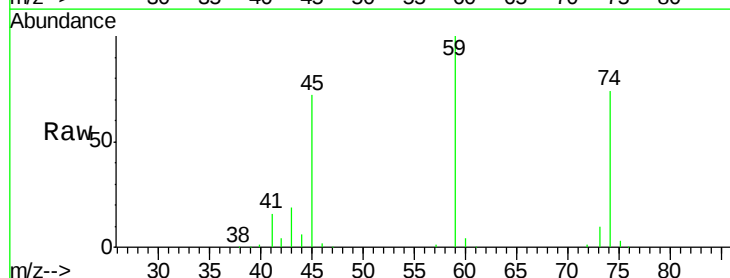
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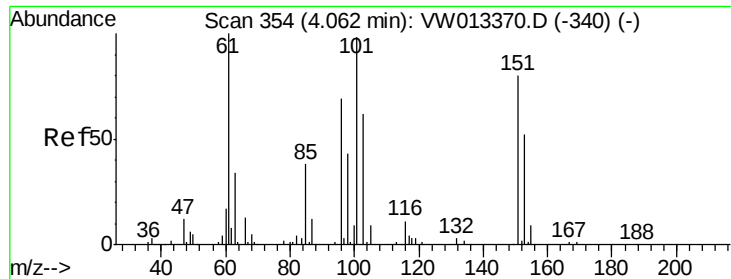


#8

Diethyl Ether
 Concen: 46.724 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.575 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

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MSVOA_W

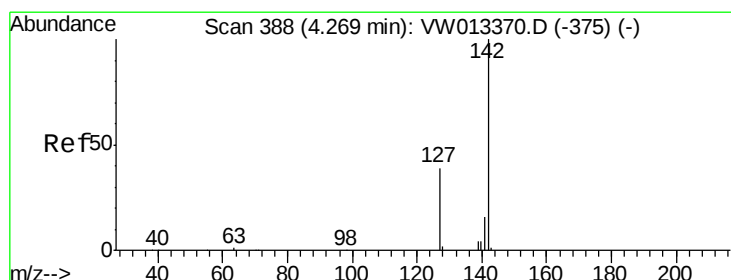
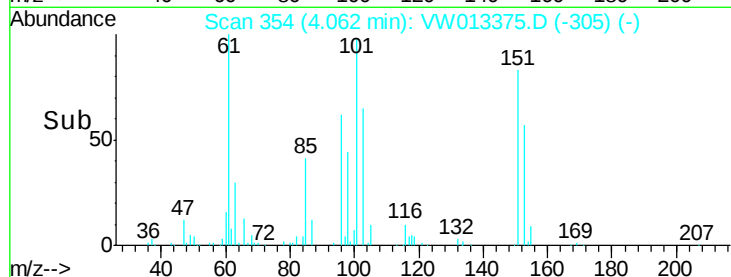
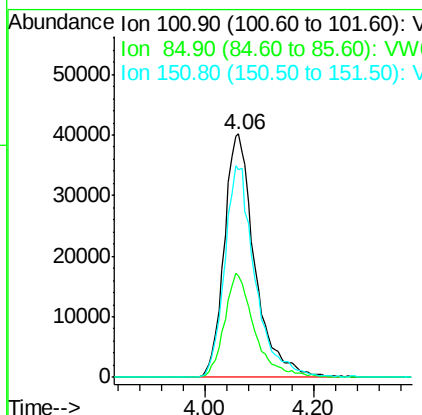
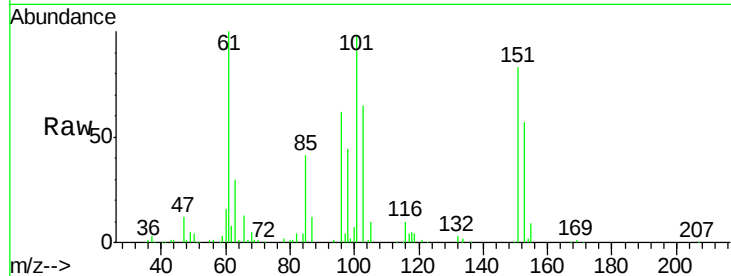
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	157691
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.4	50.0
151	86.2	66.9	100.3

Manual Integrations
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#10

Methyl Iodide

Concen: 48.782 ug/l

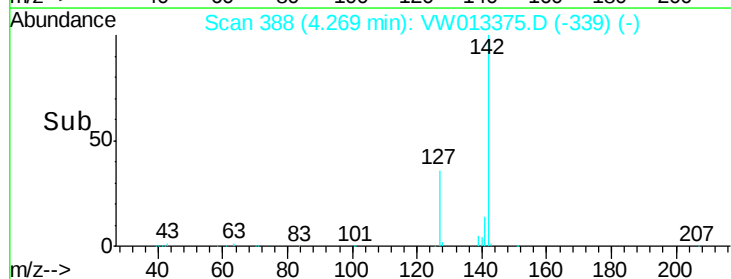
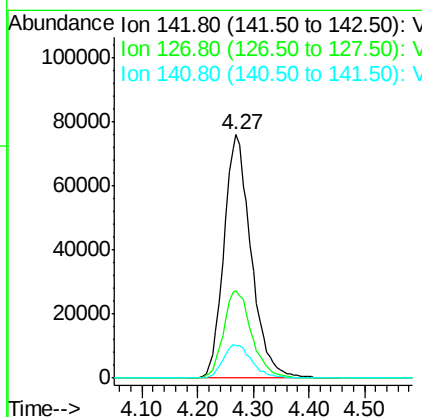
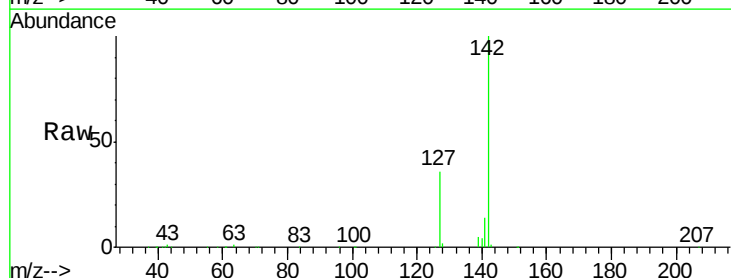
RT: 4.27 min Scan# 388

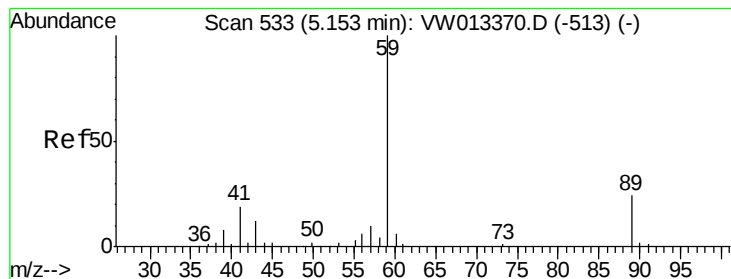
Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Tgt Ion:	142	Resp:	255750
Ion Ratio	Lower	Upper	
142	100		
127	37.4	30.9	46.3
141	14.6	11.7	17.5





#11

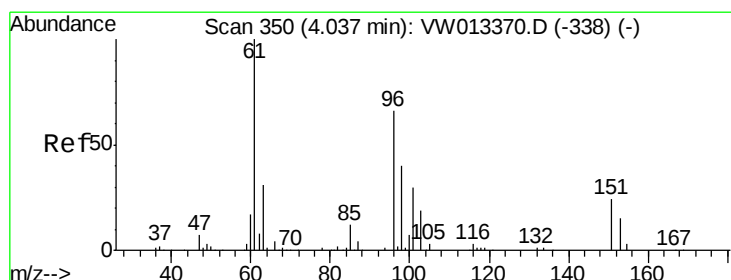
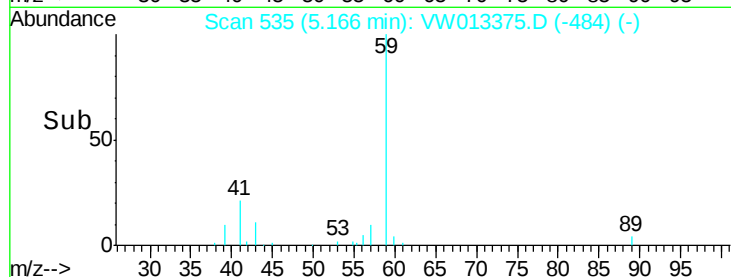
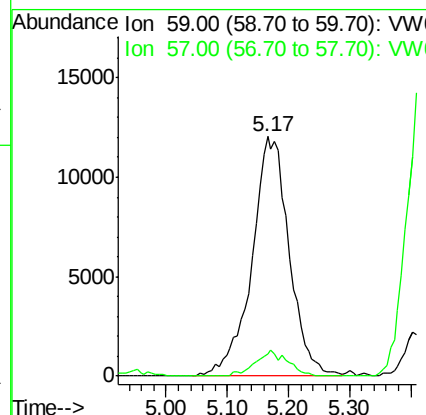
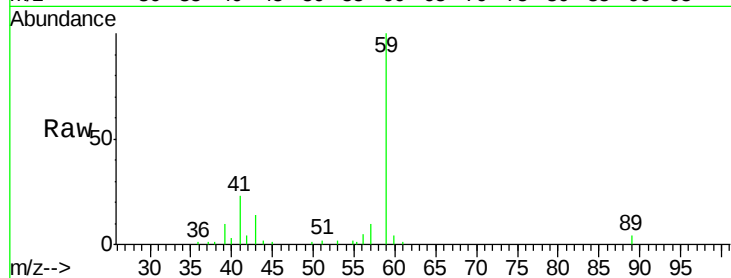
Tert butyl alcohol
 Concen: 222.062 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.2	8.2	12.2

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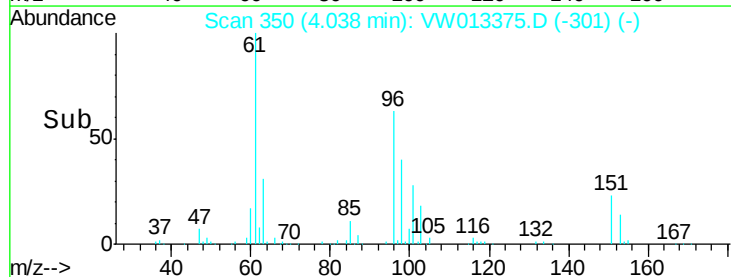
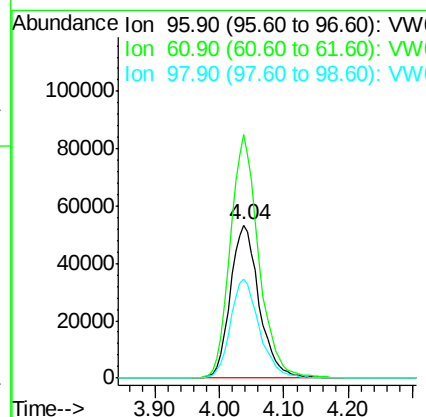
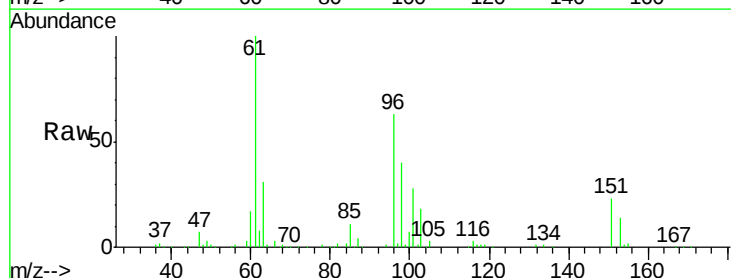
MMDadoda
 10/4/2019 12:11:23 PM

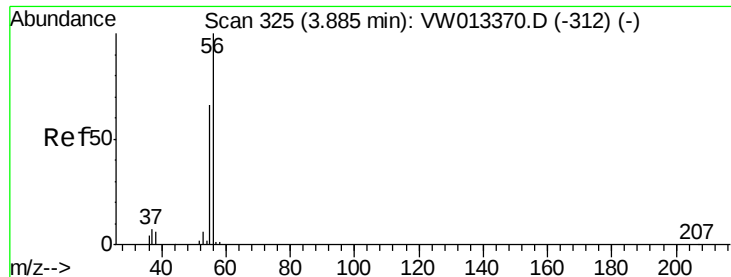


#12

1,1-Dichloroethene
 Concen: 49.046 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.9	125.1	187.7
98	64.2	50.8	76.2





#13

Acrolein

Concen: 222.949 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 62377

Ion Ratio Lower Upper

56 100

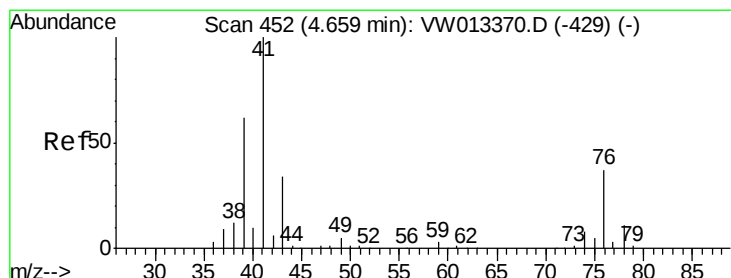
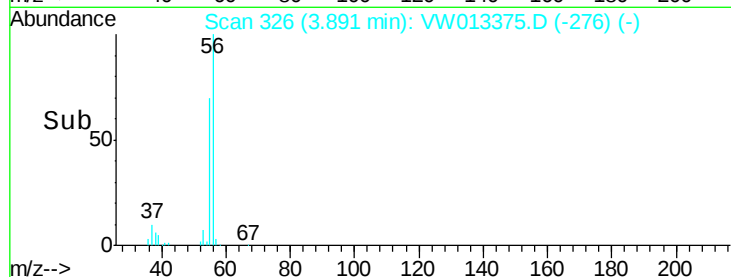
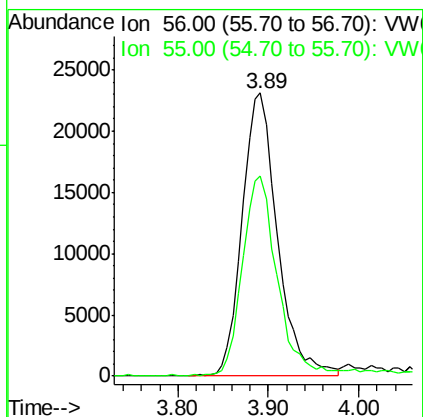
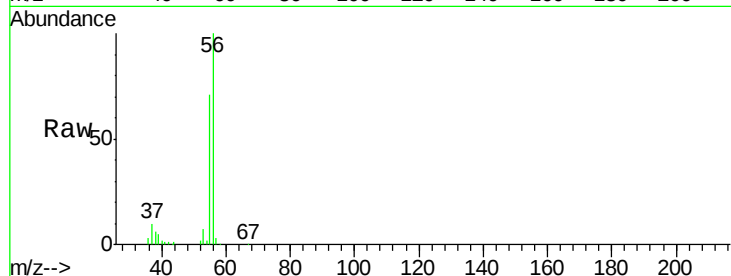
55 69.8 55.4 83.0

Manual Integrations

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#14

Allyl chloride

Concen: 49.794 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

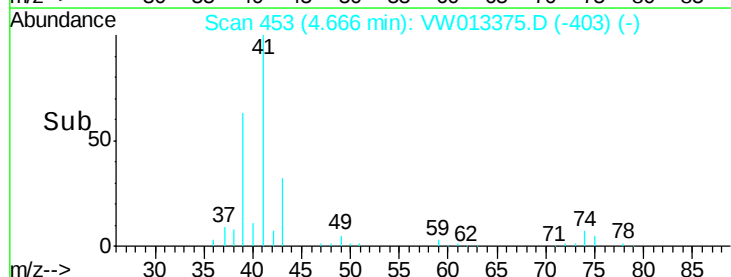
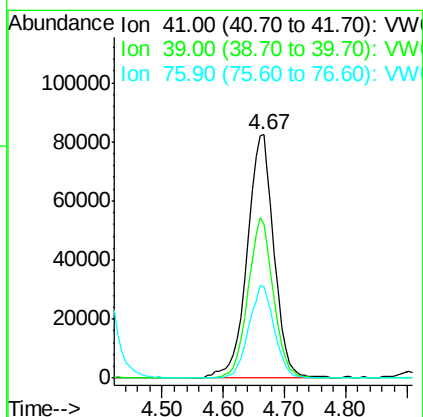
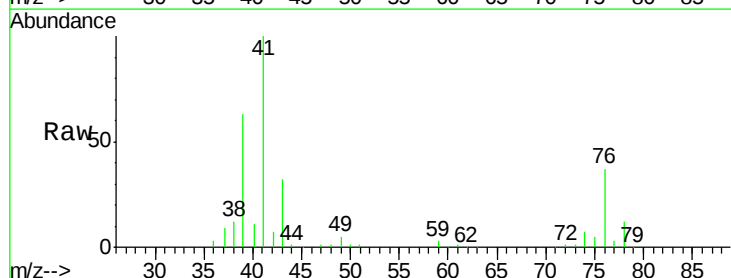
Tgt Ion: 41 Resp: 252655

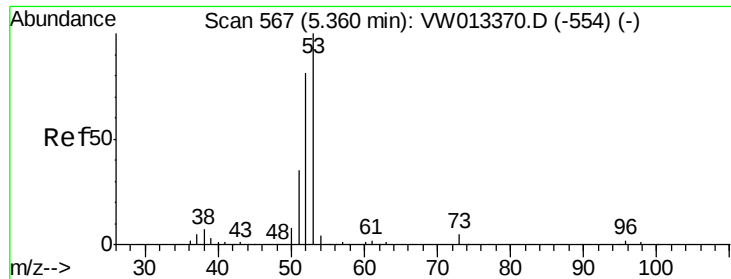
Ion Ratio Lower Upper

41 100

39 62.2 51.0 76.4

76 36.1 28.4 42.6





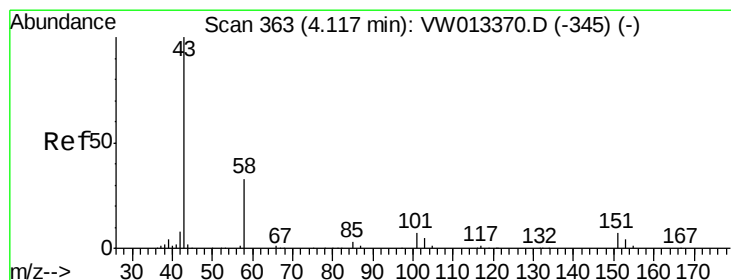
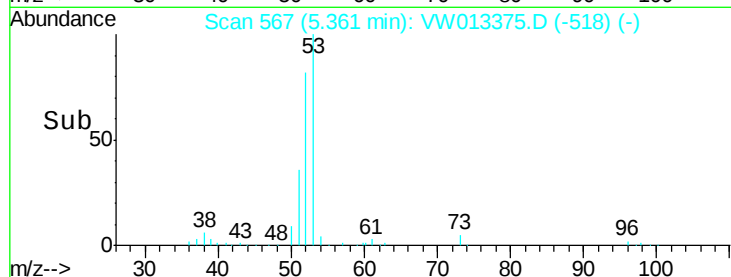
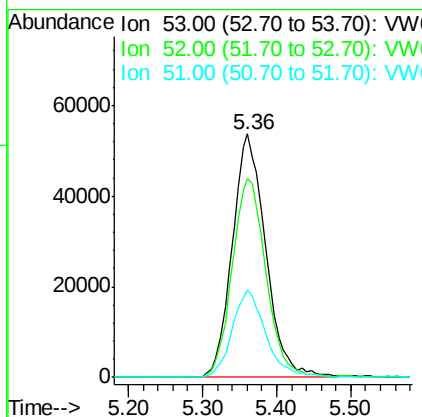
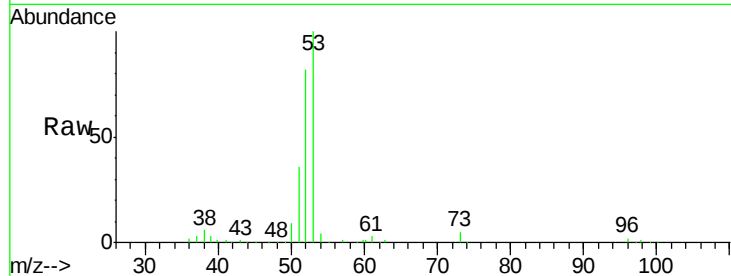
#15
 Acrylonitrile
 Concen: 220.394 ug/l
 RT: 5.36 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	168855
Ion Ratio	Lower	Upper	
53	100		
52	82.5	65.3	97.9
51	36.1	29.0	43.4

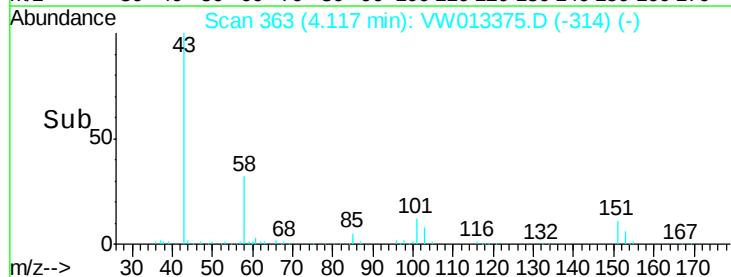
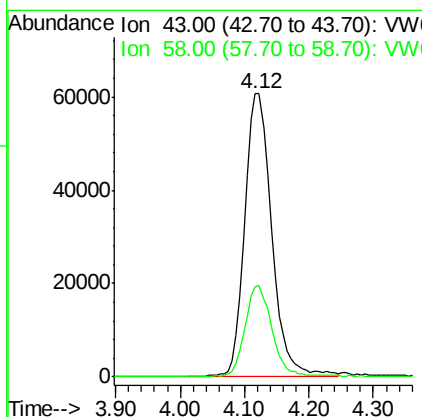
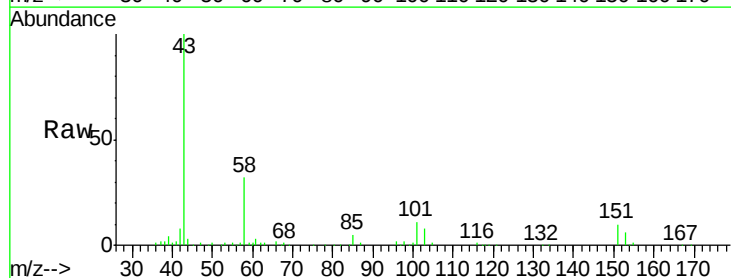
Manual Integrations
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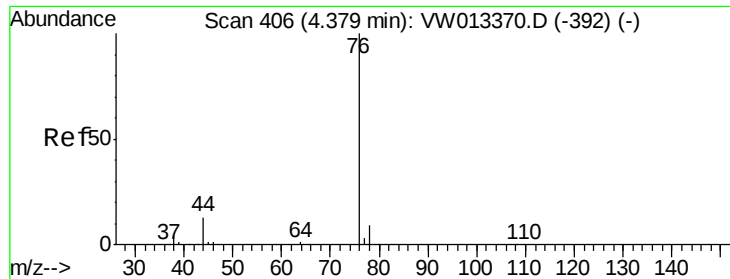
MMDadoda
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#16
 Acetone
 Concen: 205.508 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion:	43	Resp:	175251
Ion Ratio	Lower	Upper	
43	100		
58	31.8	24.1	36.1





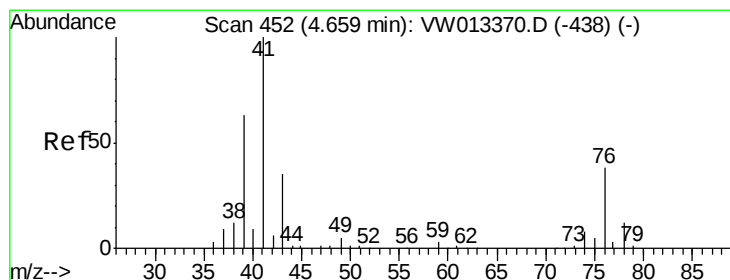
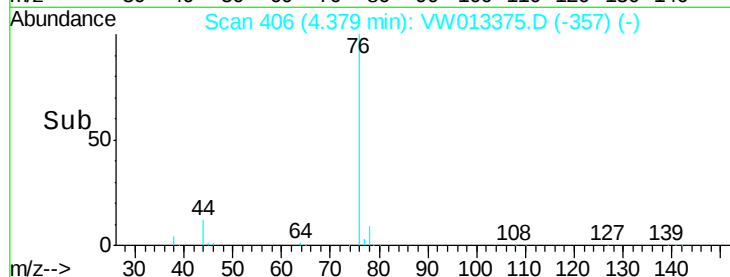
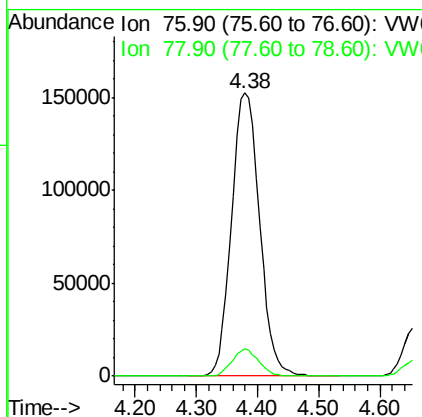
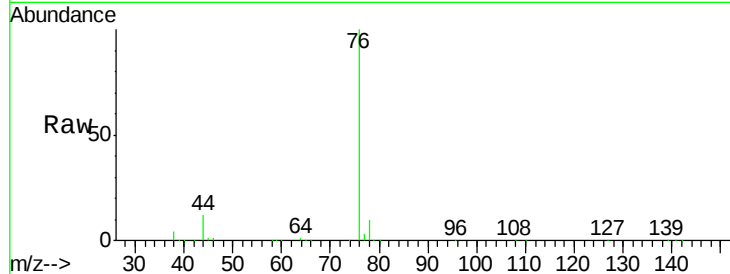
#17
Carbon Disulfide
Concen: 50.395 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.0	10.4

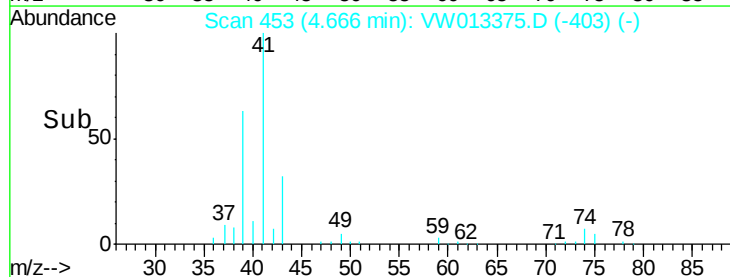
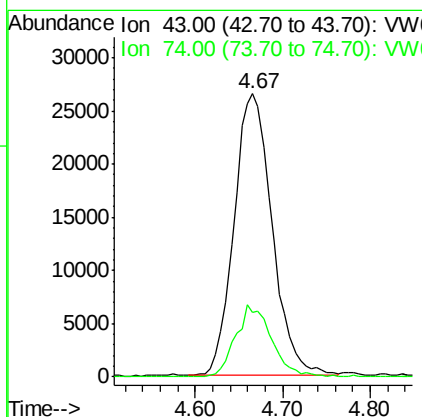
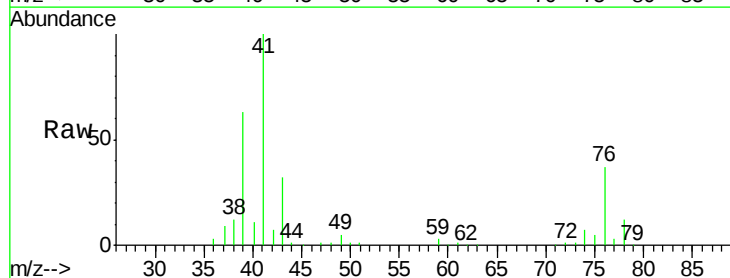
Manual Integrations
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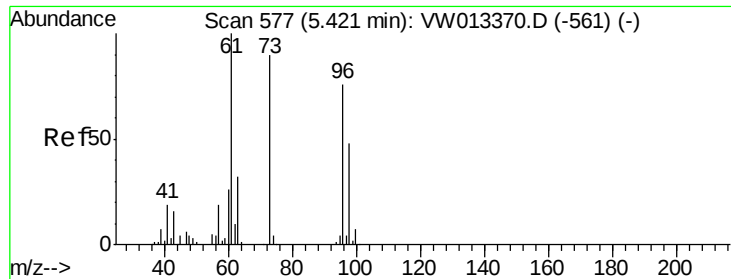
MMDadoda
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#18
Methyl Acetate
Concen: 40.142 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.3	28.9





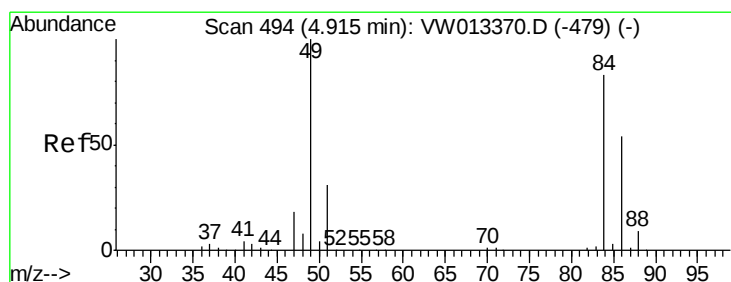
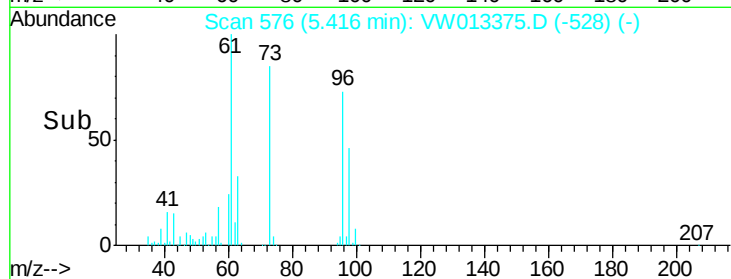
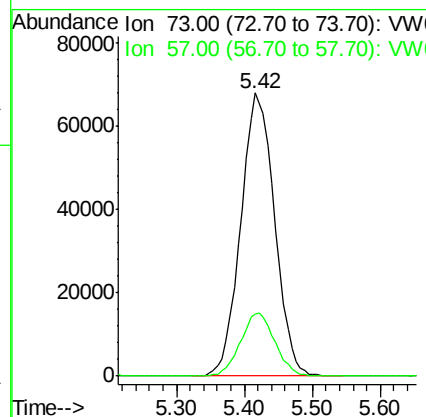
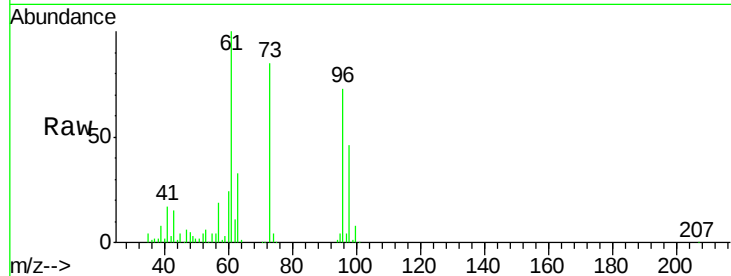
#19
Methvl tert-butvl Ether
Concen: 46.468 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 234582
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4

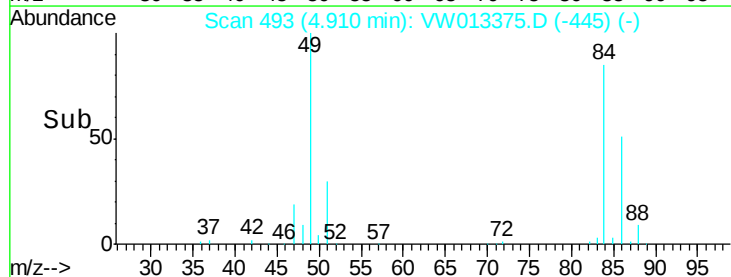
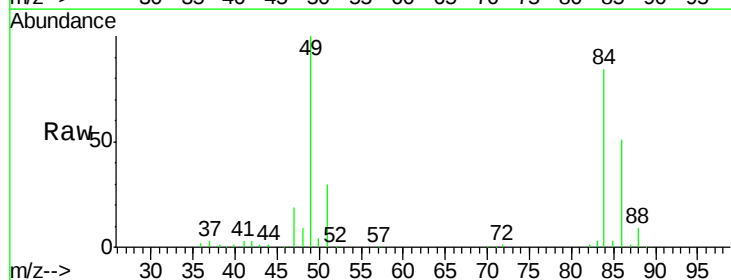
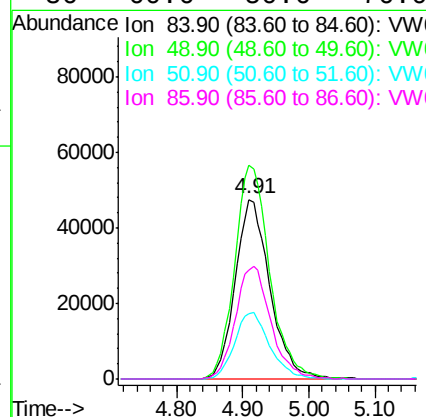
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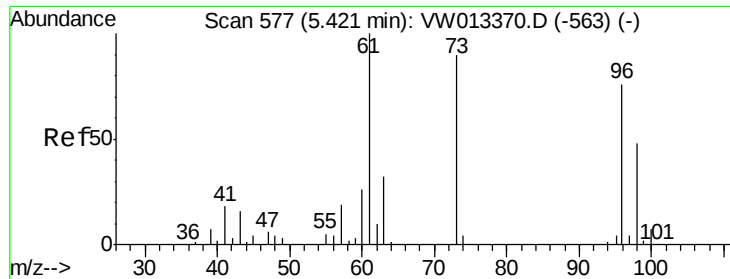
MMDadoda
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#20
Methylene Chloride
Concen: 48.412 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion: 84 Resp: 172551
Ion Ratio Lower Upper
84 100
49 118.9 97.6 146.4
51 36.0 30.2 45.2
86 60.6 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 48.250 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

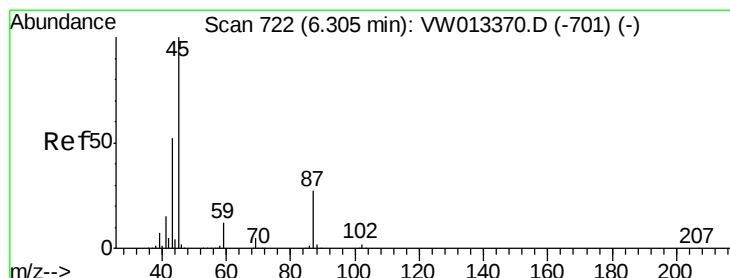
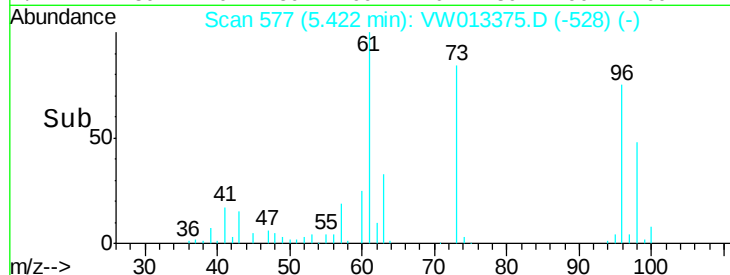
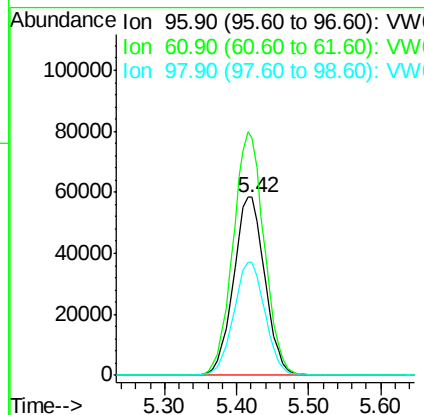
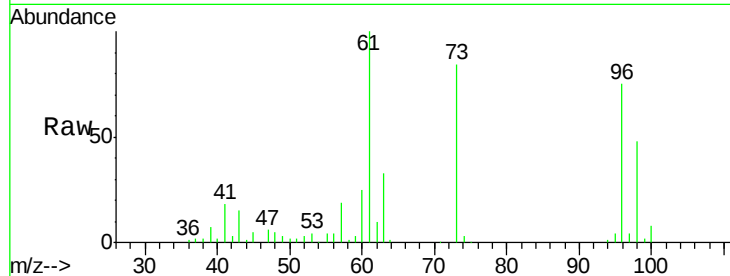
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	176244
Ion	Ratio	Lower	Upper
96	100		
61	133.6	106.6	159.8
98	63.9	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.872 ug/l

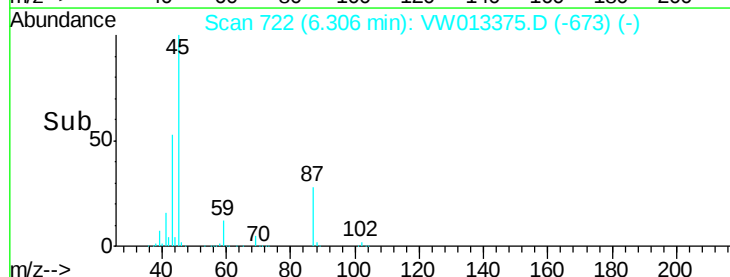
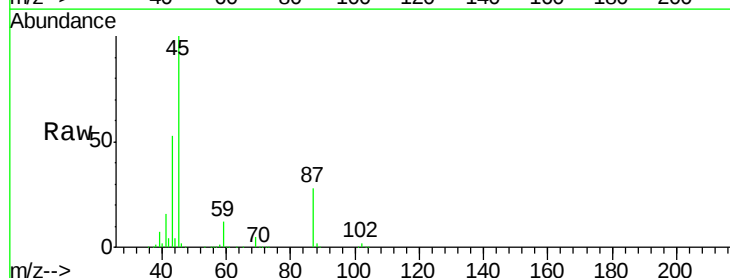
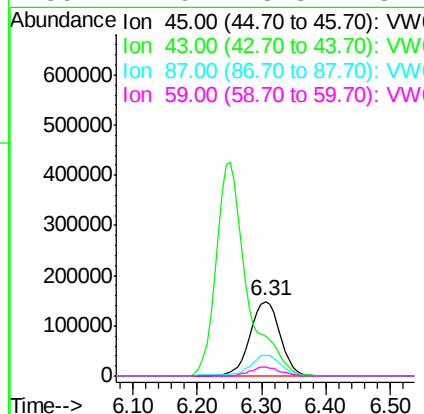
RT: 6.31 min Scan# 722

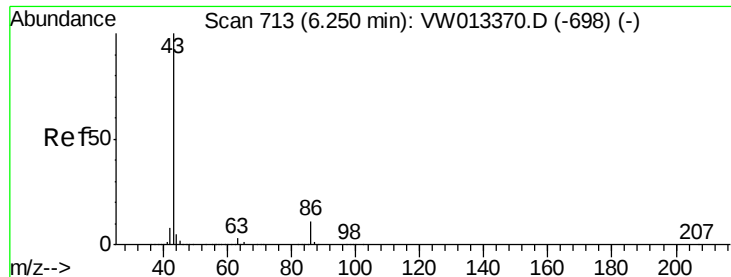
Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Tgt Ion:	45	Resp:	478889
Ion	Ratio	Lower	Upper
45	100		
43	52.5	42.4	63.6
87	27.9	20.4	30.6
59	11.6	8.8	13.2





#23

Vinyl Acetate

Concen: 240.774 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1415694

Ion Ratio Lower Upper

43 100

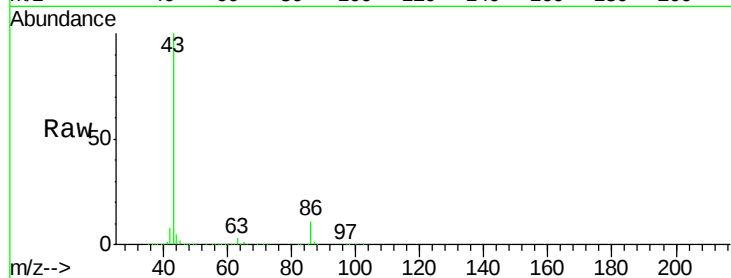
86 11.2 8.3 12.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

400000

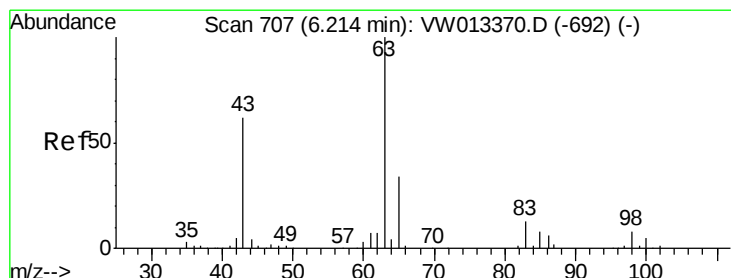
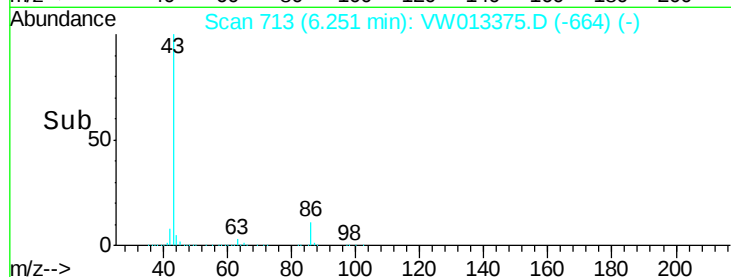
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.193 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

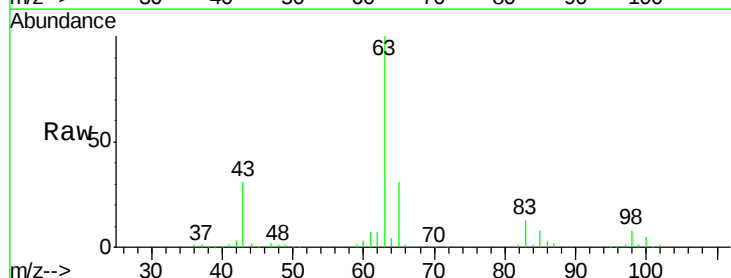
Tgt Ion: 63 Resp: 293604

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.5

100 5.1 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

120000

100000

80000

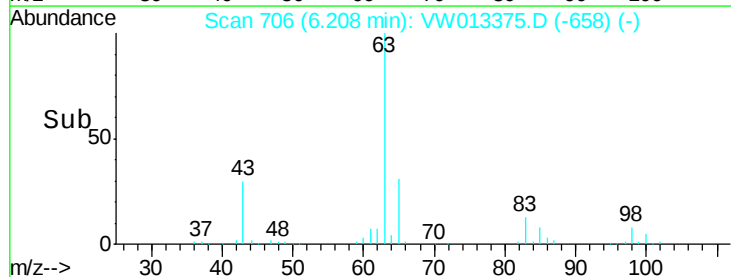
60000

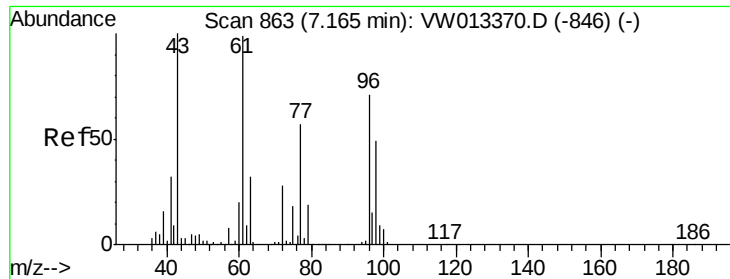
40000

20000

0

Time-->





#25

2-Butanone

Concen: 212.478 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 231852

Ion Ratio Lower Upper

43 100

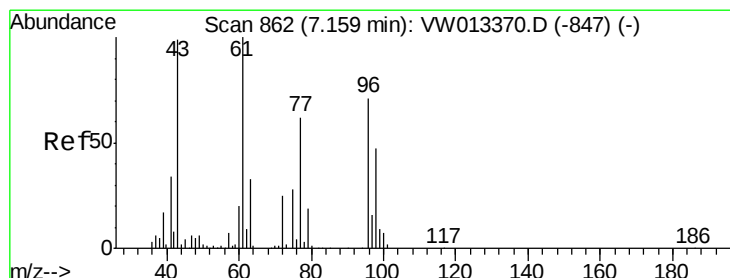
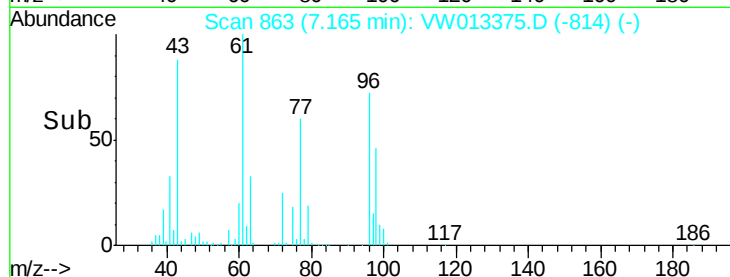
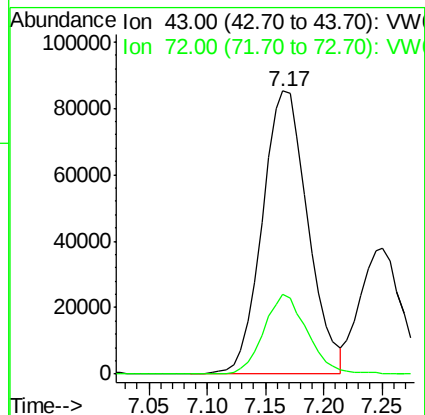
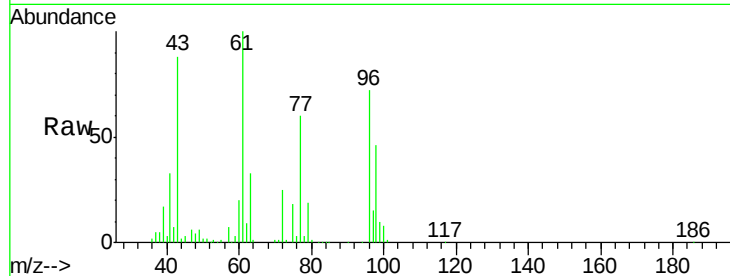
72 28.2 19.4 29.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.188 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW013375.D

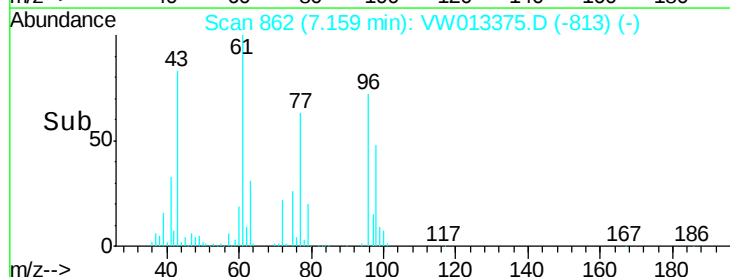
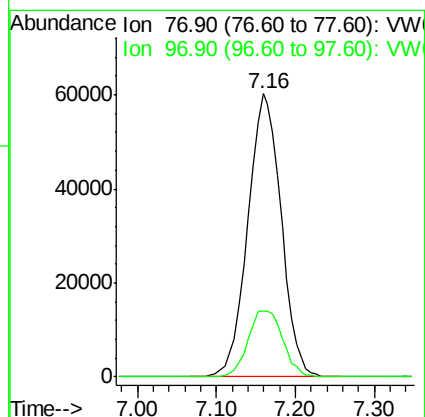
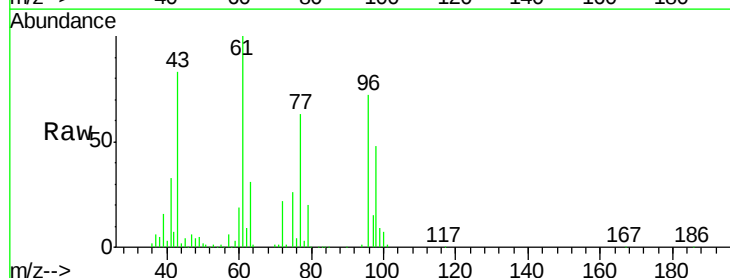
Acq: 02 Oct 2019 12:55

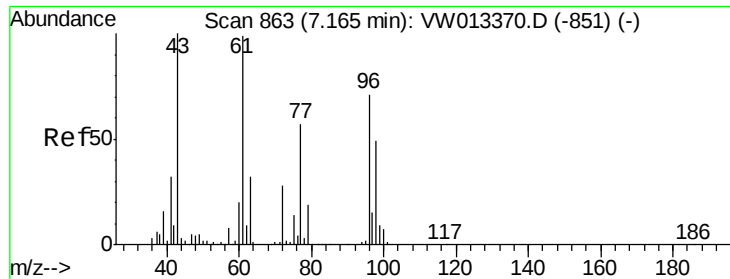
Tgt Ion: 77 Resp: 176624

Ion Ratio Lower Upper

77 100

97 24.4 11.8 35.4





#27

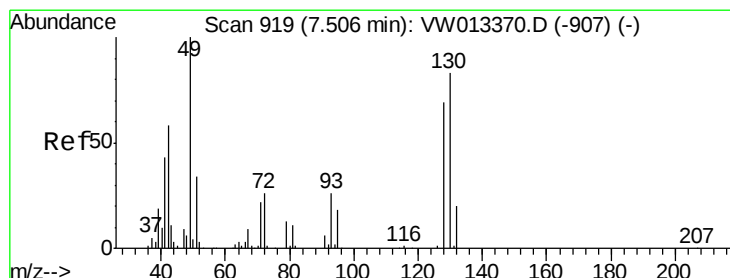
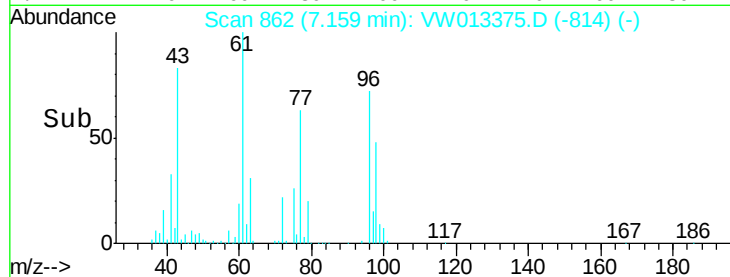
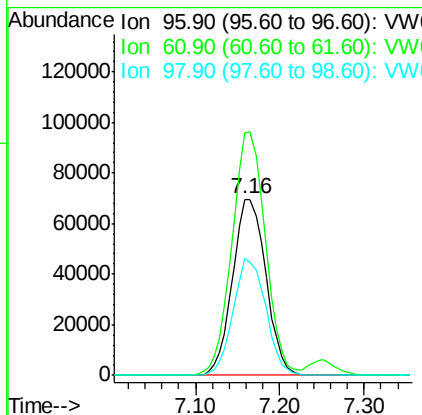
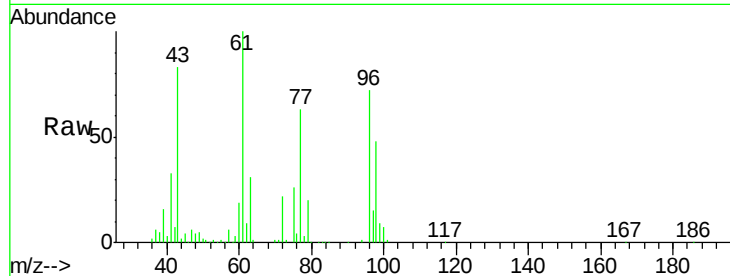
cis-1,2-Dichloroethene
Concen: 48.725 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	186294		
61	138.9	0.0	282.4	
98	65.1	0.0	128.2	

Manual Integrations
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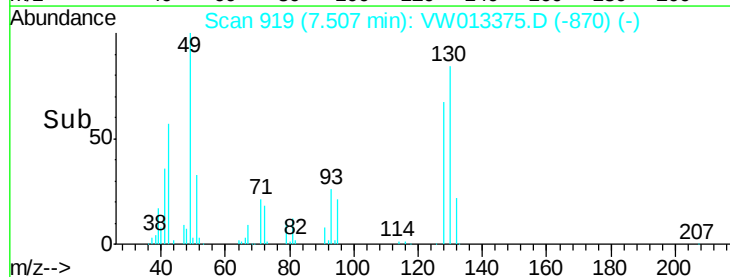
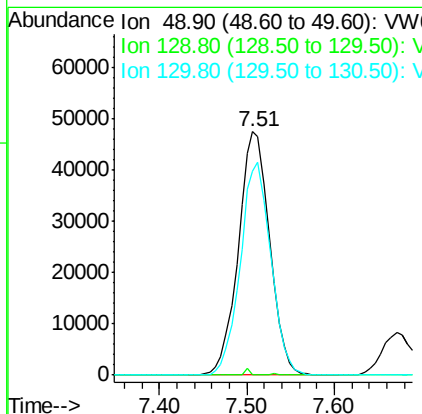
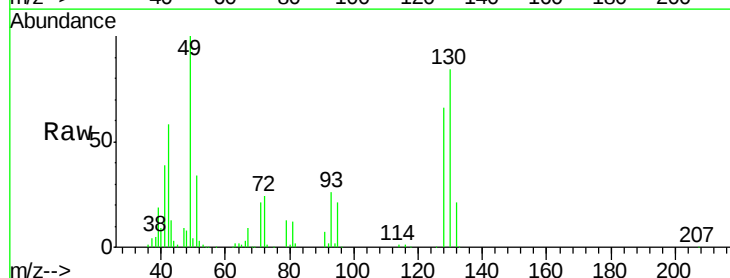
MMDadoda
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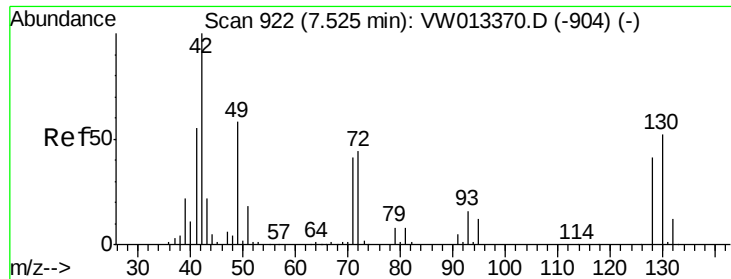


#28

Bromochloromethane
Concen: 54.619 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	117864		
129	0.4	0.0	1.0	
130	85.3	63.4	95.2	





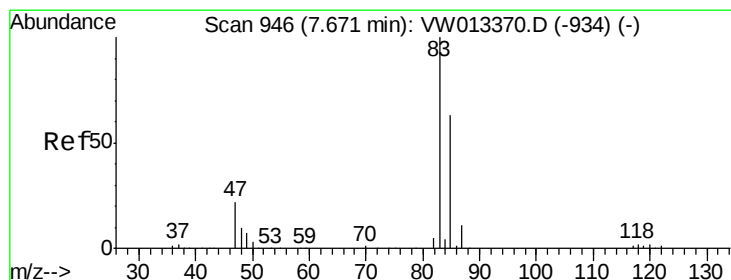
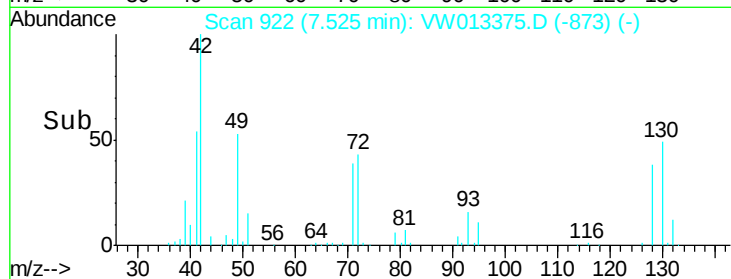
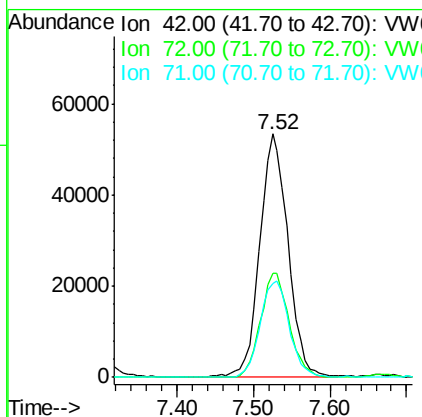
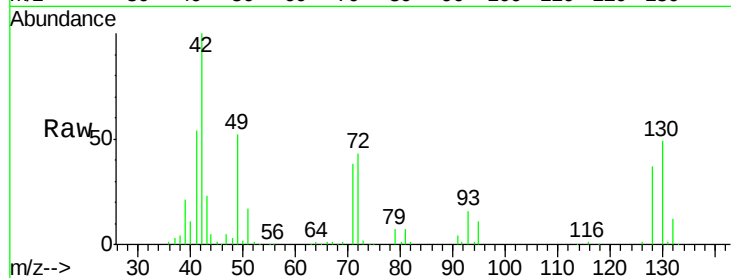
#29
Tetrahydrofuran
Concen: 218.951 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	33.9	50.9
71	40.7	31.9	47.9

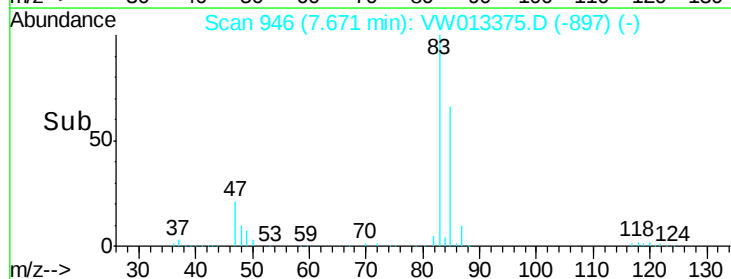
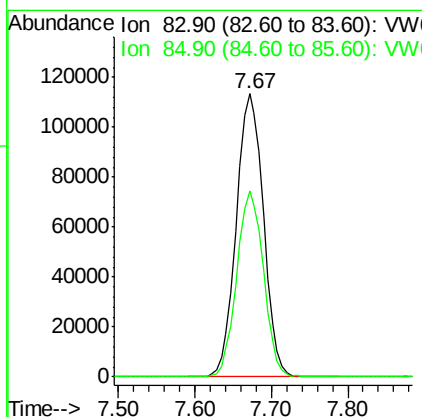
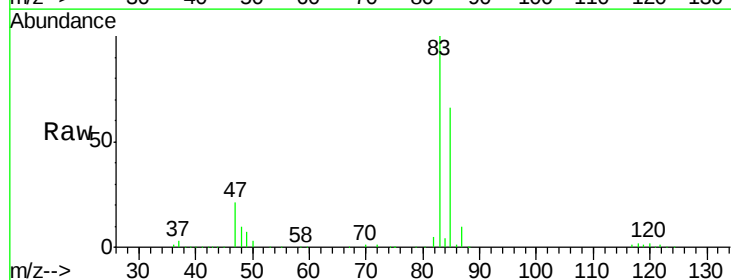
Manual Integrations
APPROVED

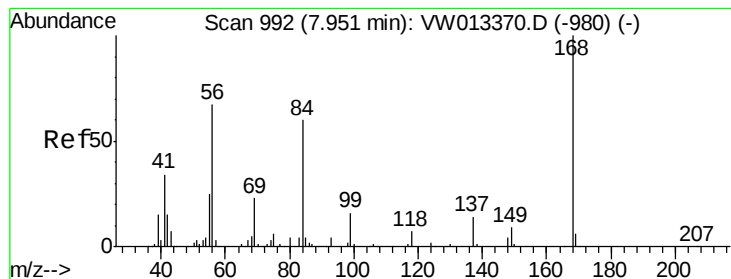
MMDadoda
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#30
Chloroform
Concen: 47.637 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.3	78.5





#31

Cyclohexane

Concen: 46.395 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

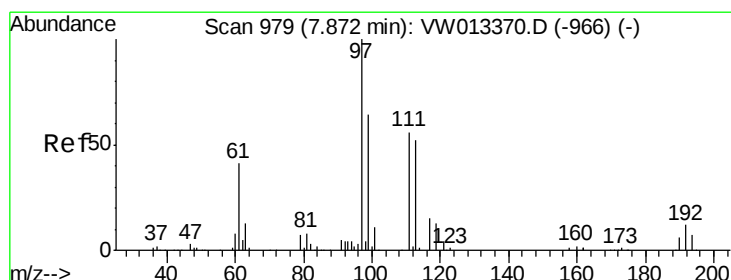
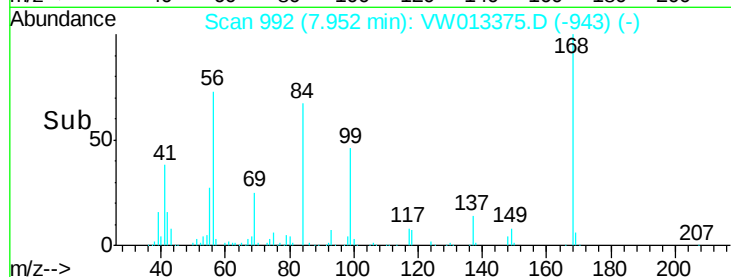
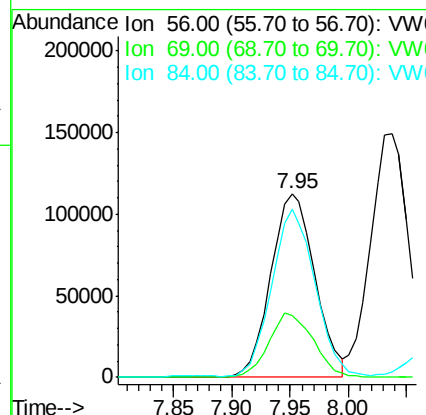
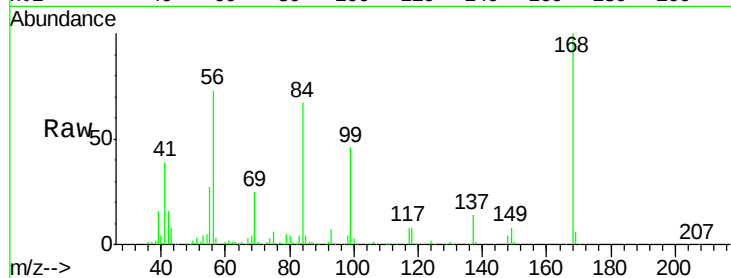
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	295302
Ion Ratio	Lower	Upper	
56	100		
69	34.0	27.2	40.8
84	90.6	70.8	106.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.128 ug/l

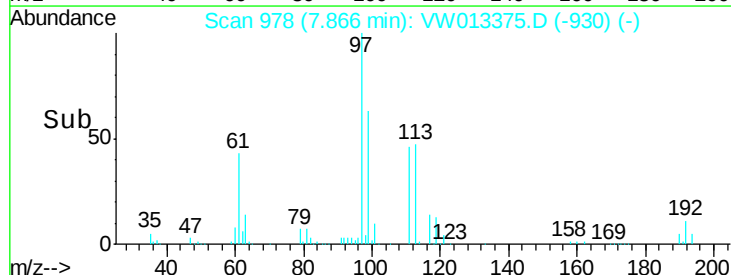
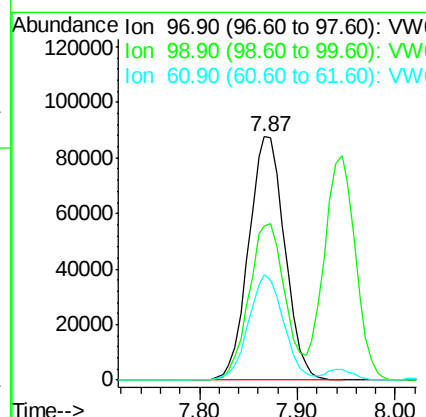
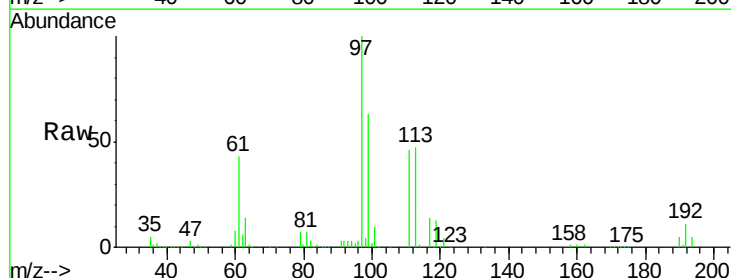
RT: 7.87 min Scan# 978

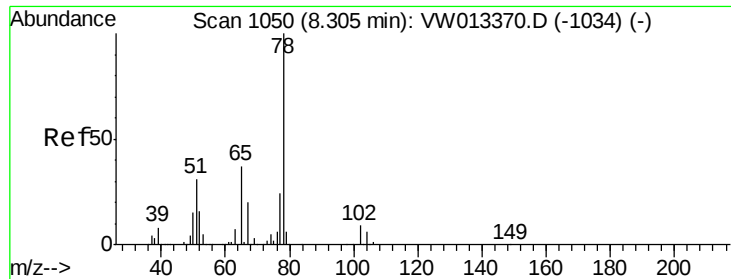
Delta R.T. -0.01 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Tgt Ion:	97	Resp:	225249
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.7	77.5
61	42.2	34.6	51.8





#33

1,2-Dichloroethane-d4

Concen: 51.092 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 142143

Ion Ratio Lower Upper

65 100

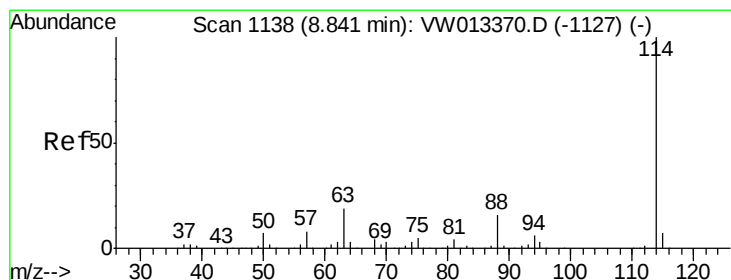
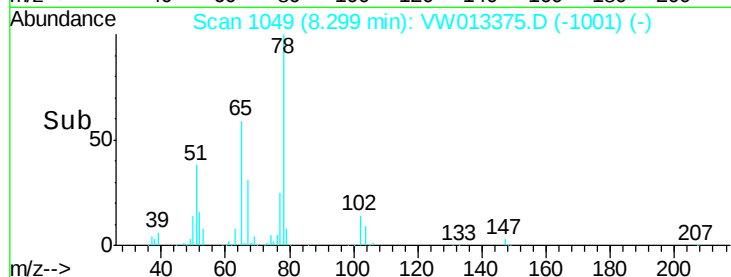
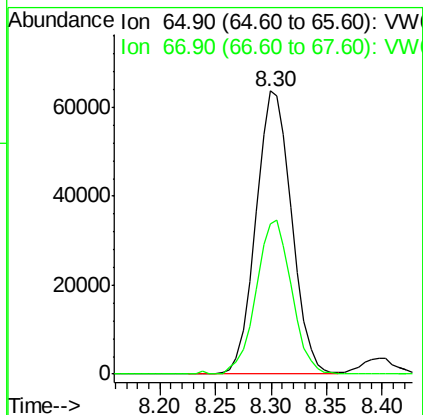
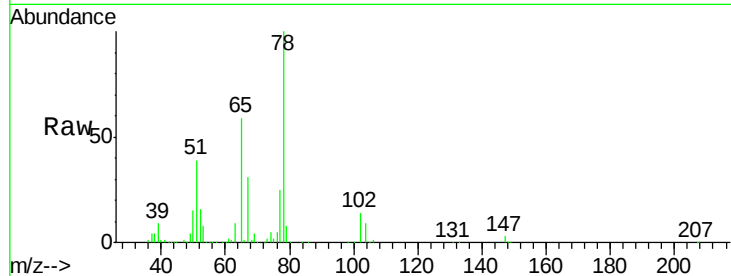
67 54.0 0.0 106.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

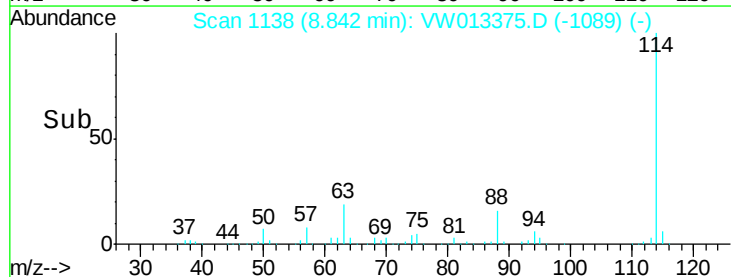
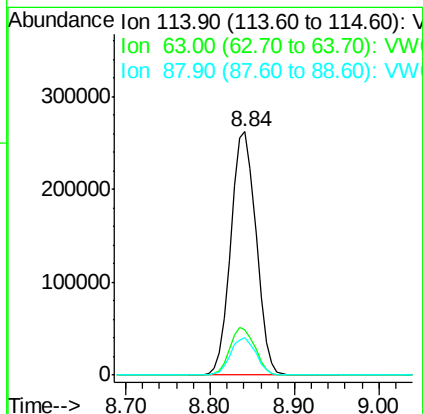
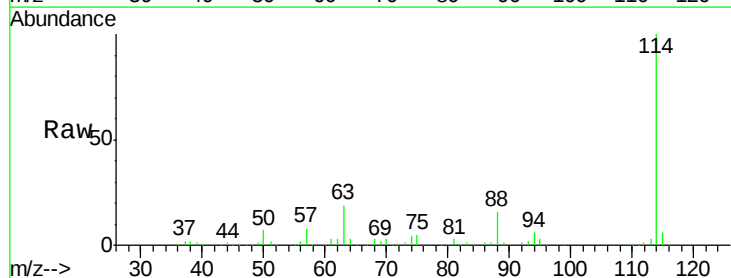
Tgt Ion: 114 Resp: 532617

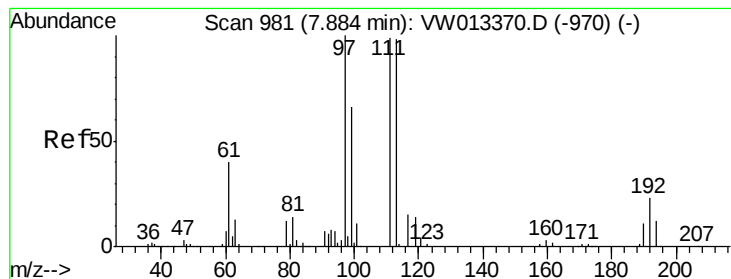
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.4

88 15.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.029 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

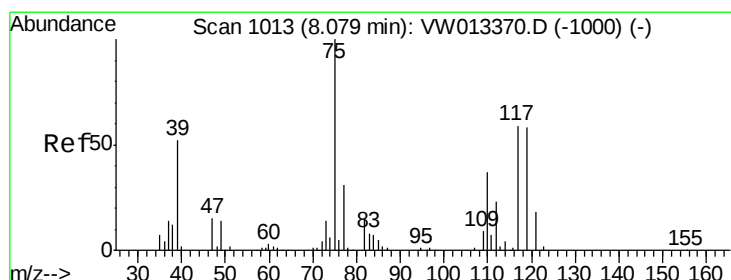
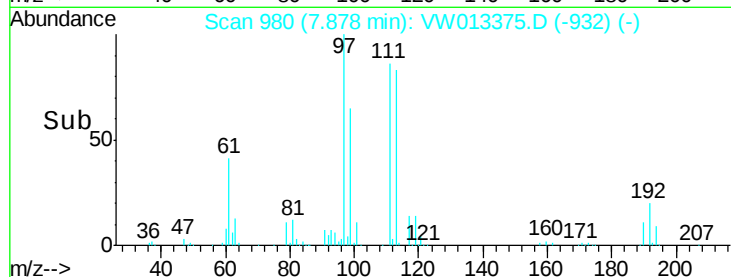
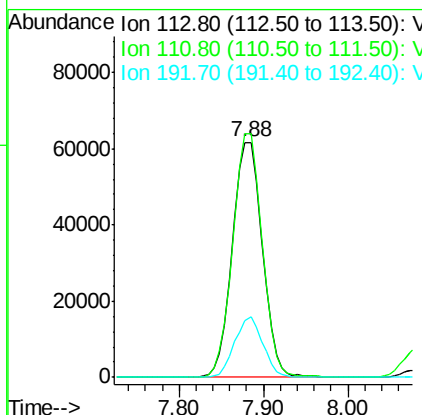
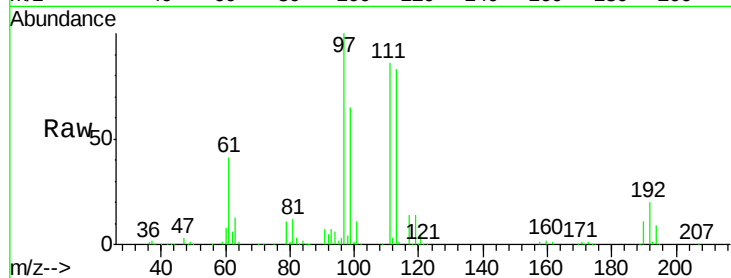
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	148203		
111	101.8	81.9	122.9	
192	24.1	19.1	28.7	

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.099 ug/l

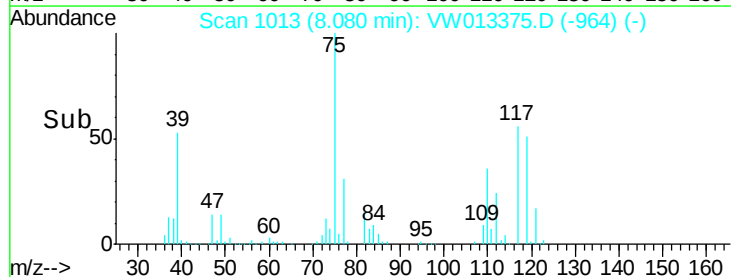
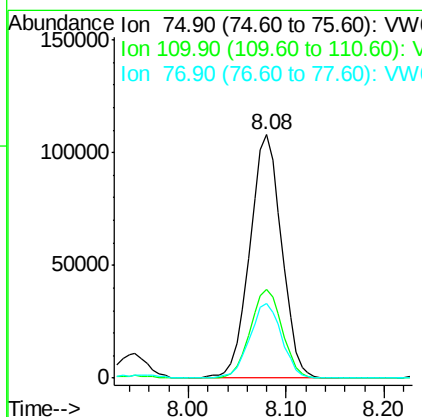
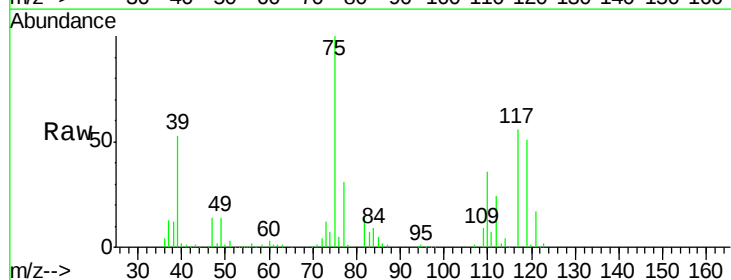
RT: 8.08 min Scan# 1013

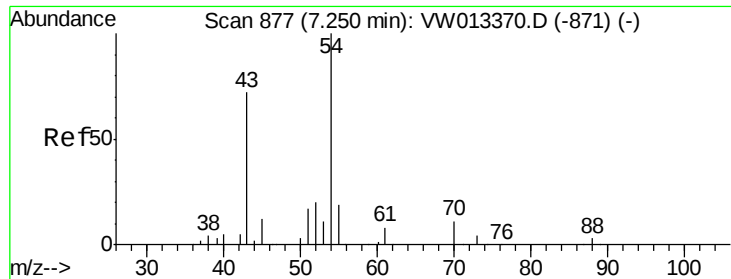
Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	242894		
110	36.6	18.1	54.3	
77	31.1	25.8	38.6	





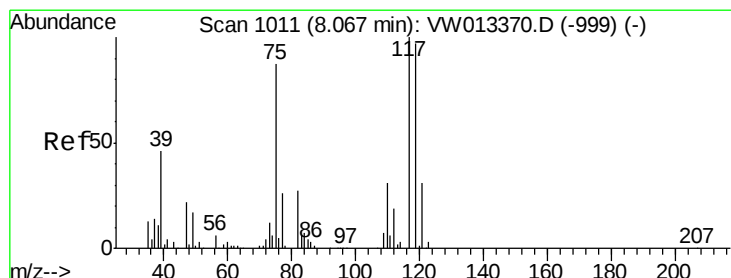
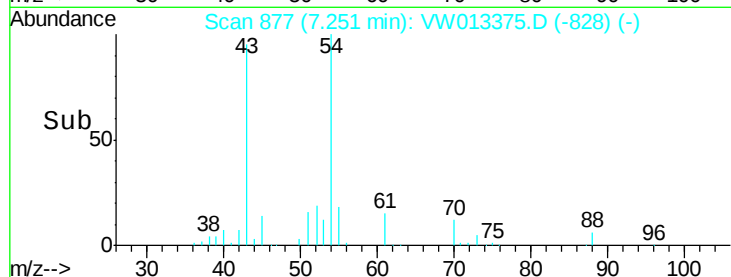
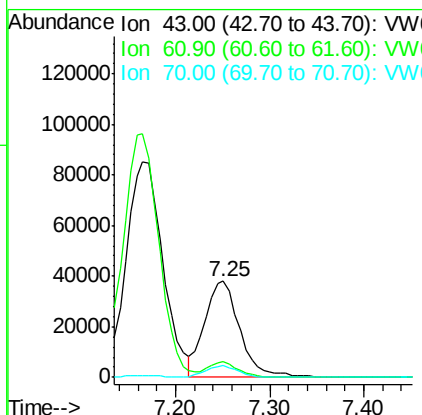
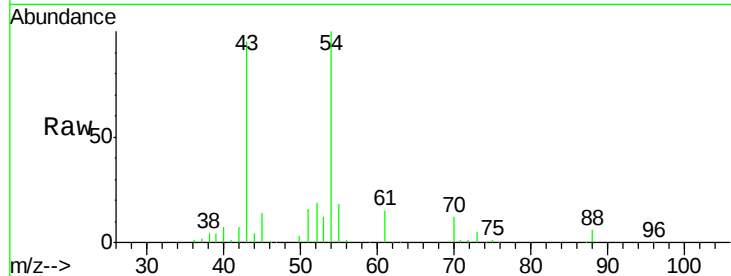
#37
Ethyl Acetate
Concen: 44.312 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.9	16.3
70	11.4	8.2	12.2

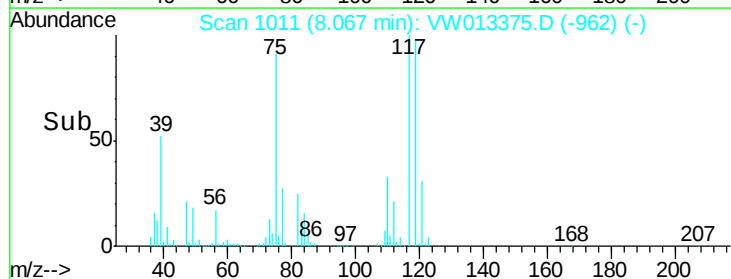
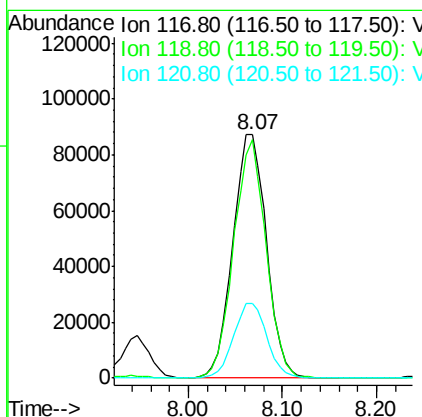
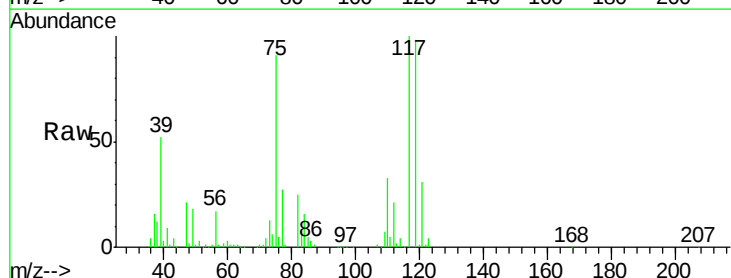
Manual Integrations
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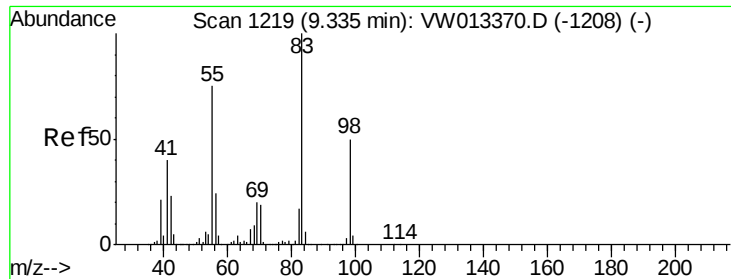
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.792 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	73.5	110.3
121	30.8	25.0	37.6





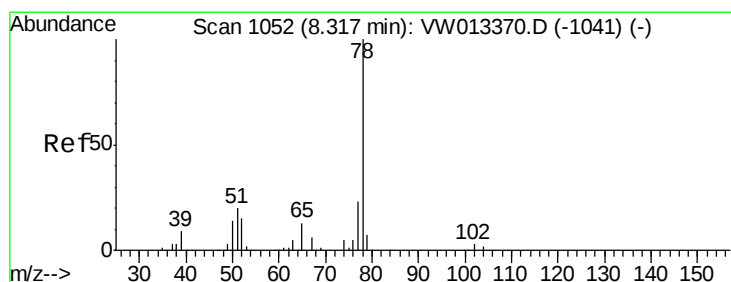
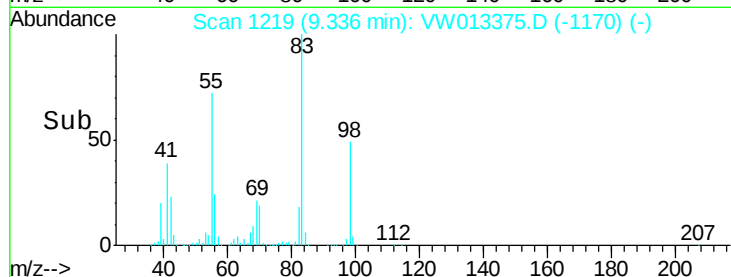
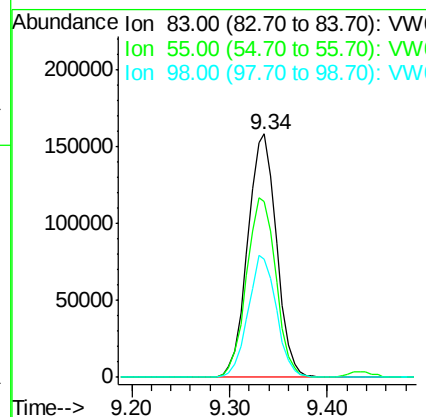
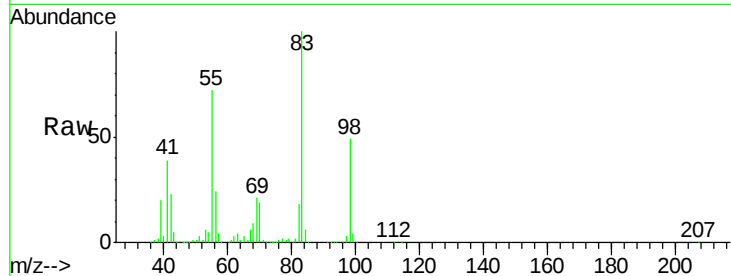
#39
Methvlcvclohexane
Concen: 49.546 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	322795		
55	72.2		60.4	90.6
98	48.6		40.0	60.0

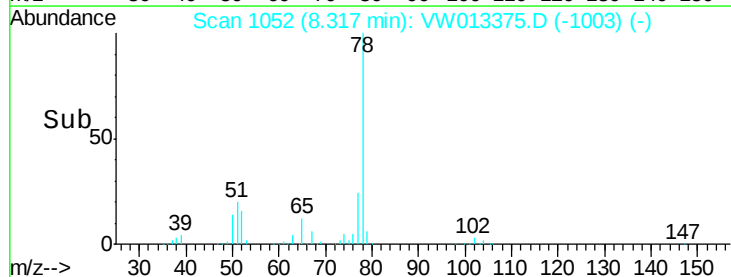
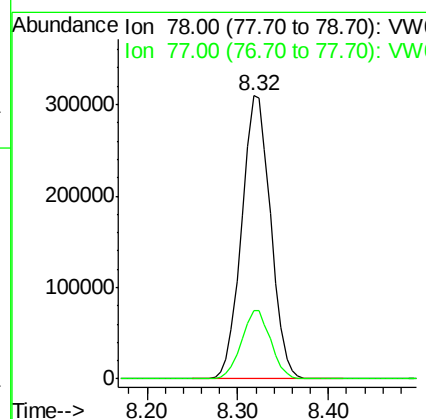
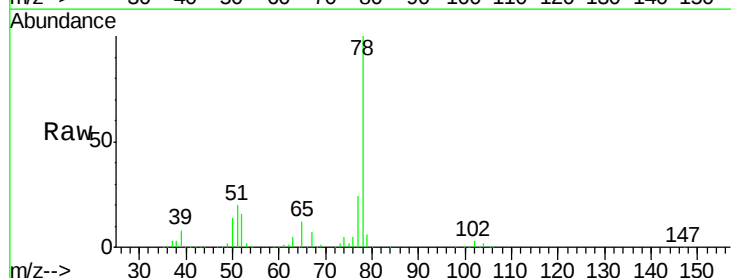
Manual Integrations
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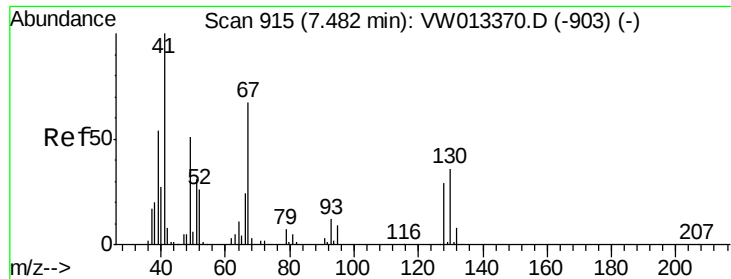
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#40
Benzene
Concen: 48.882 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	684544		
77	24.0		19.1	28.7





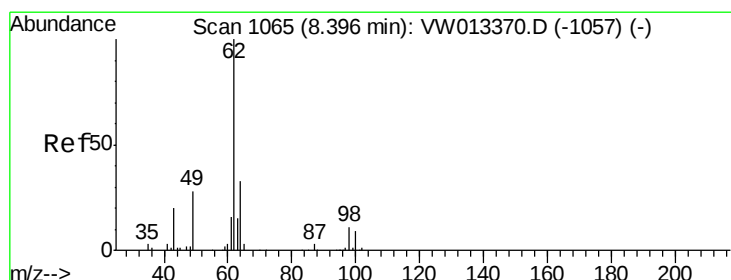
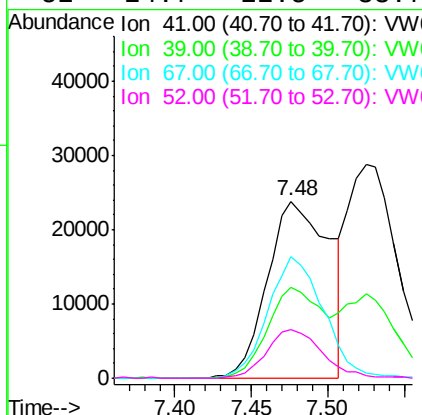
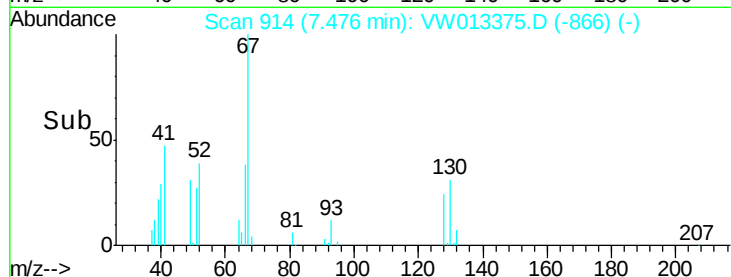
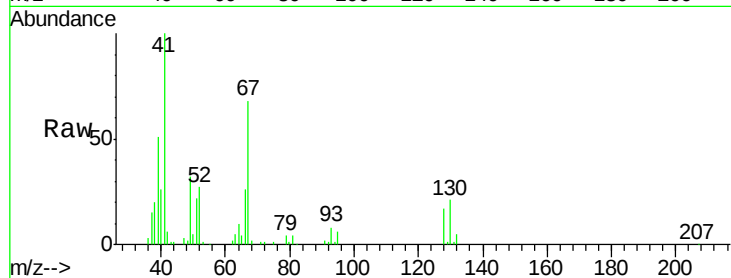
#41
Methacrylonitrile
Concen: 51.121 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		67296		
39	44.7	45.9	68.9#		
67	61.6	54.5	81.7		
52	24.7	22.5	33.7		

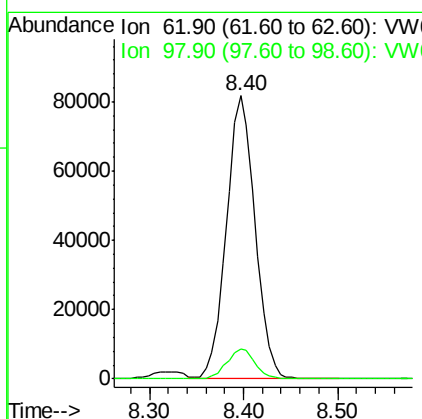
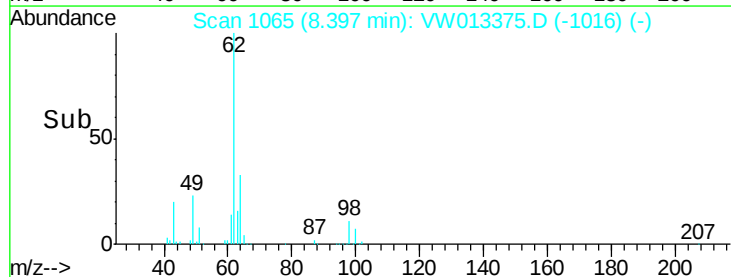
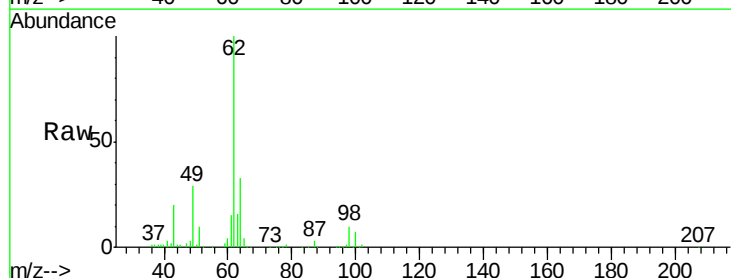
Manual Integrations
APPROVED

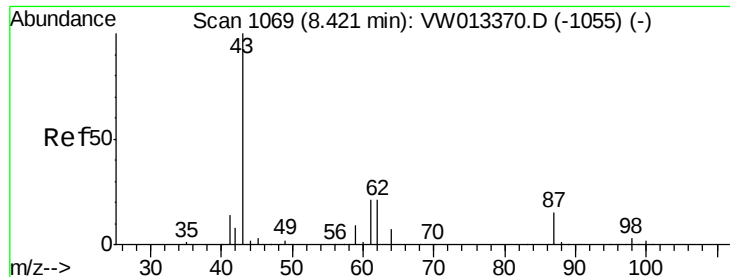
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10/4/2019 12:11:23 PM



#42
1,2-Dichloroethane
Concen: 47.740 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		171828		
98	10.5	0.0	20.6		





#43

Isopropyl Acetate

Concen: 45.414 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

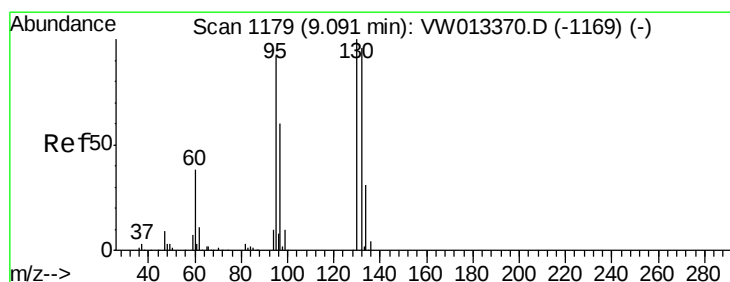
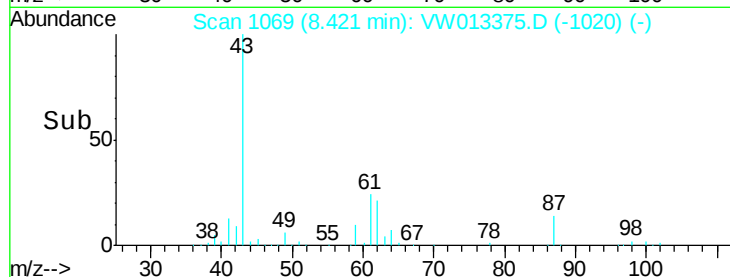
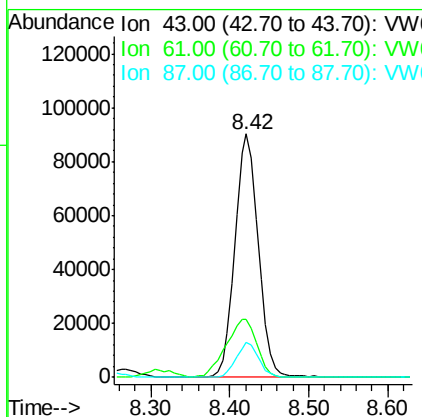
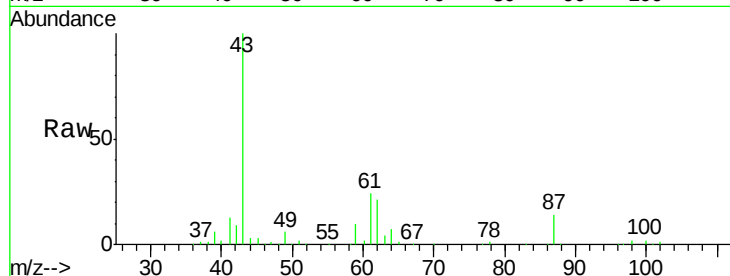
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	186615
Ion	Ratio	Lower	Upper
43	100		
61	31.5	25.5	38.3
87	13.8	11.0	16.4

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#44

Trichloroethene

Concen: 49.613 ug/l

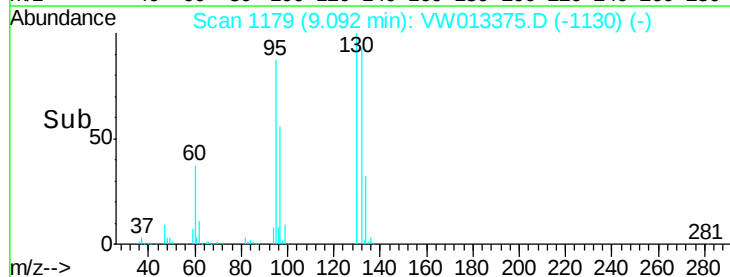
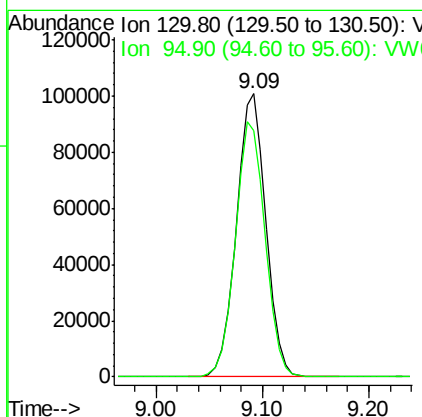
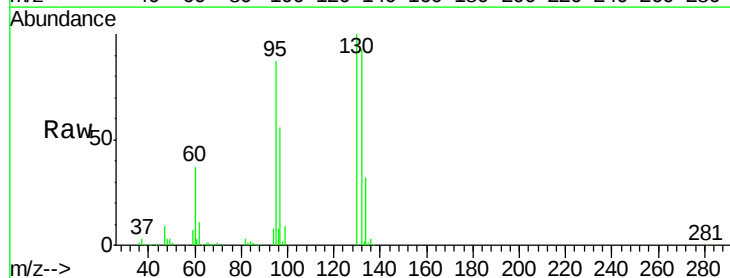
RT: 9.09 min Scan# 1179

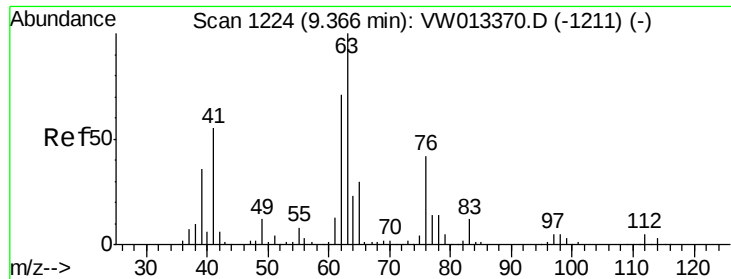
Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Tgt Ion:	130	Resp:	195650
Ion	Ratio	Lower	Upper
130	100		
95	87.2	0.0	188.0





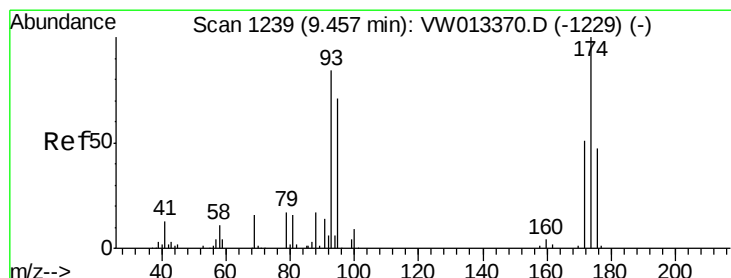
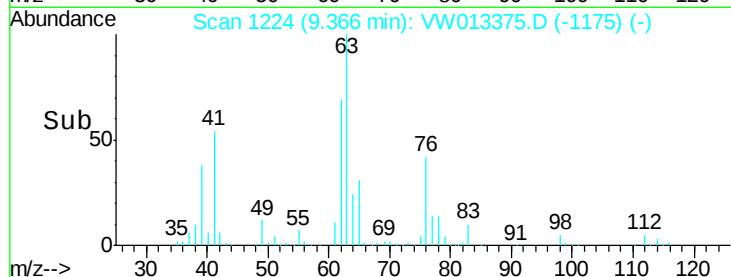
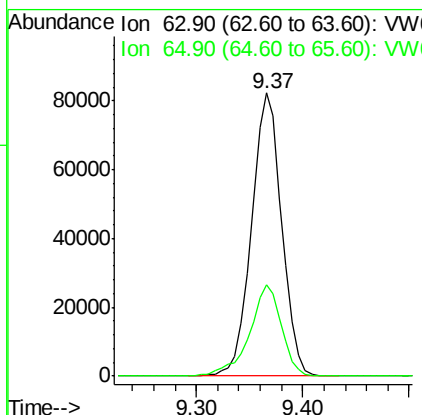
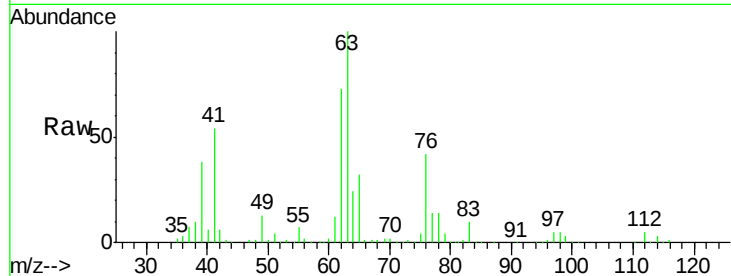
#45
 1,2-Dichloropropane
 Concen: 48.511 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 163109
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.3 37.9

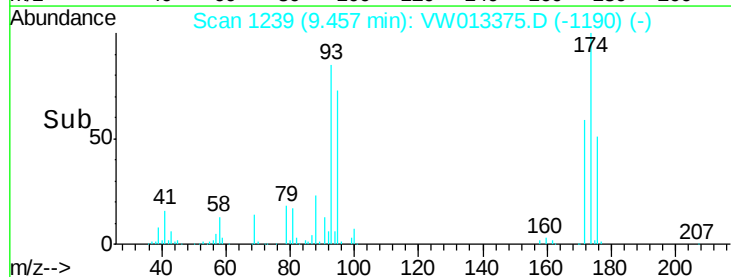
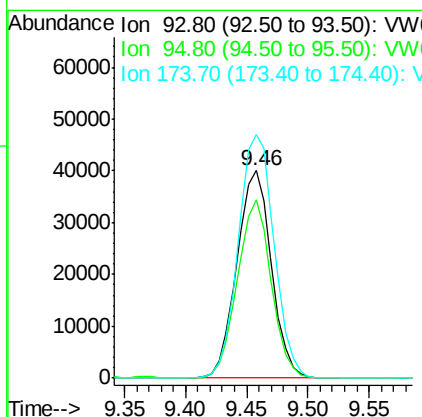
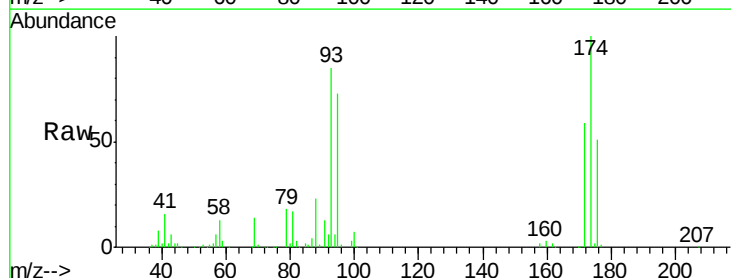
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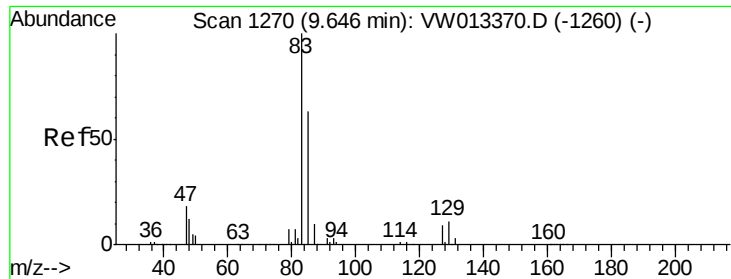
MMDadoda
 10/4/2019 12:11:23 PM



#46
 Dibromomethane
 Concen: 46.787 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion: 93 Resp: 78355
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.4 99.6
 174 122.2 93.0 139.6





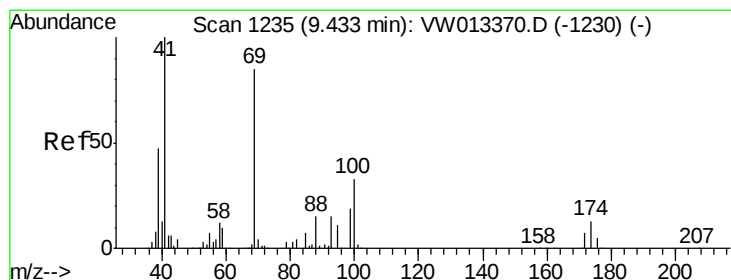
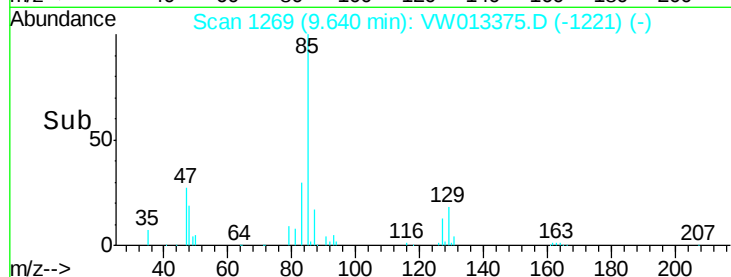
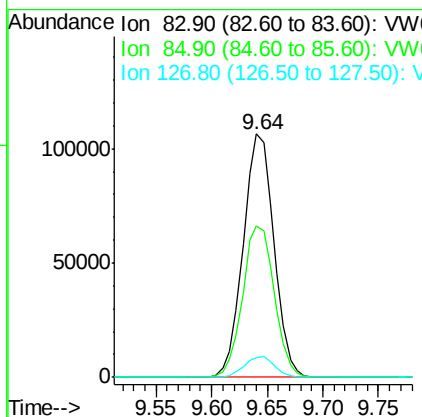
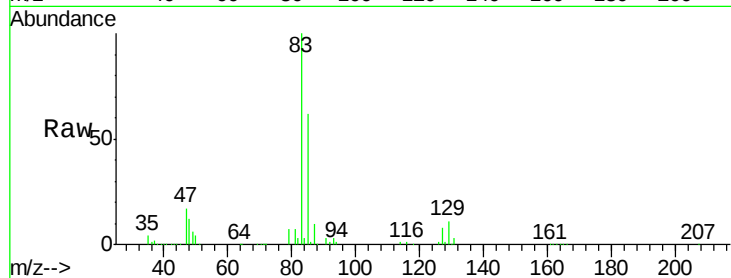
#47
Bromodichloromethane
Concen: 49.628 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	204603		
85	62.2		49.4	74.2
127	8.3		6.5	9.7

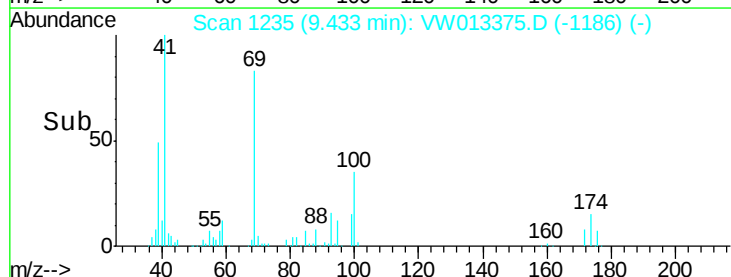
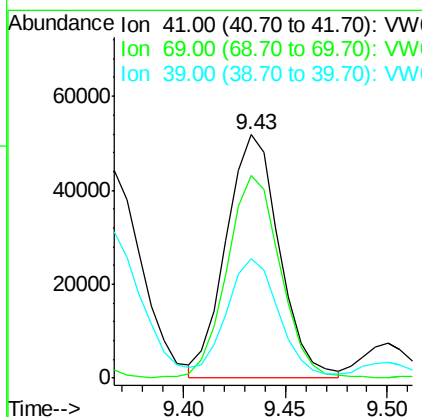
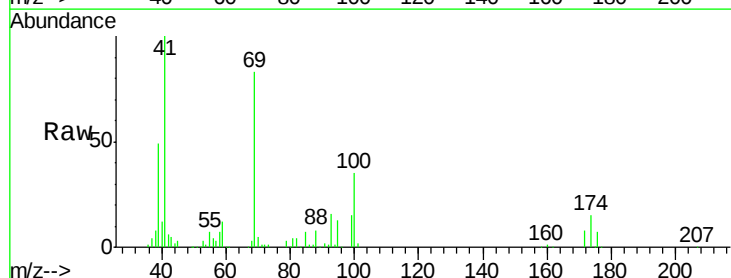
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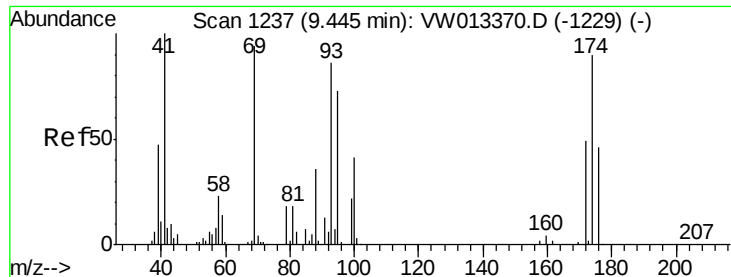
MMDadoda
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#48
Methyl methacrylate
Concen: 47.333 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	93456		
69	83.3		69.7	104.5
39	45.5		41.1	61.7





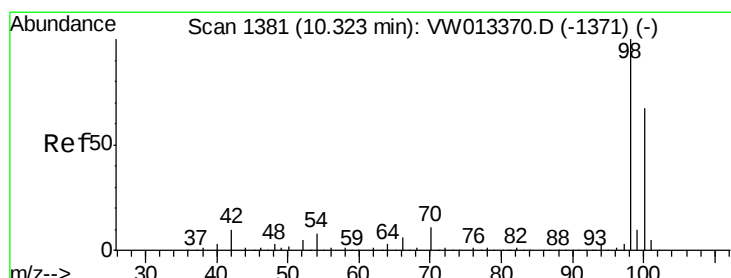
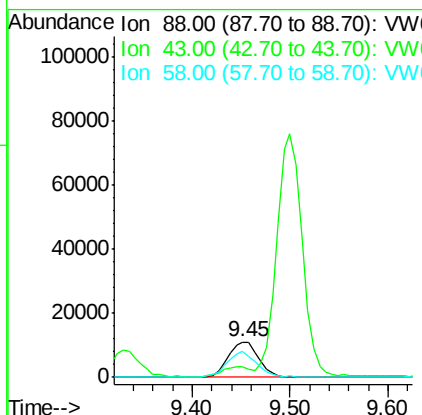
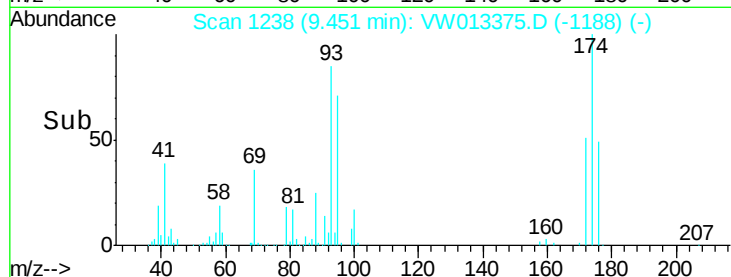
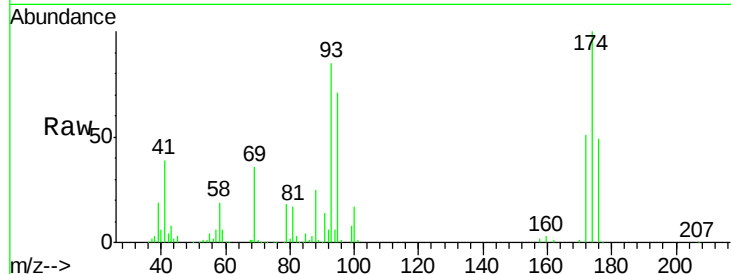
#49
1,4-Dioxane
Concen: 935.881 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 24205
Ion Ratio Lower Upper
88 100
43 27.8 0.0 0.0#
58 71.6 65.4 98.0

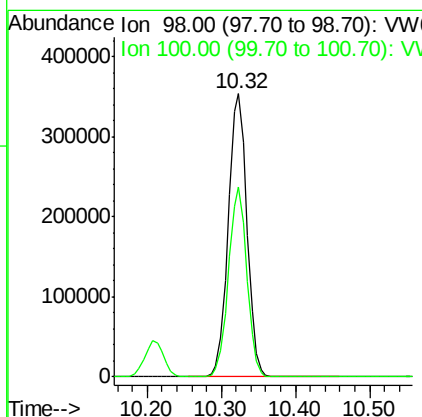
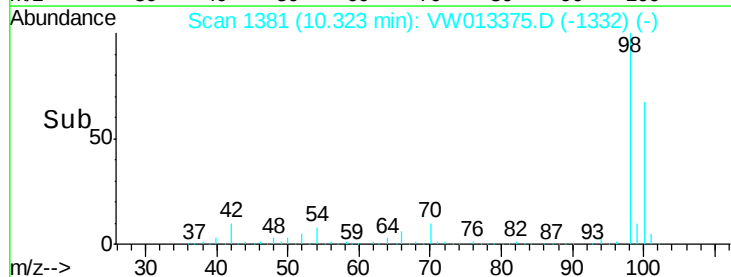
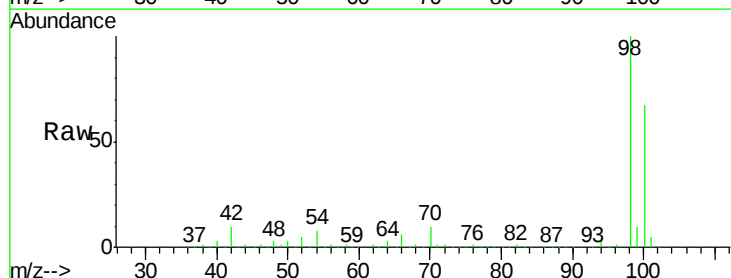
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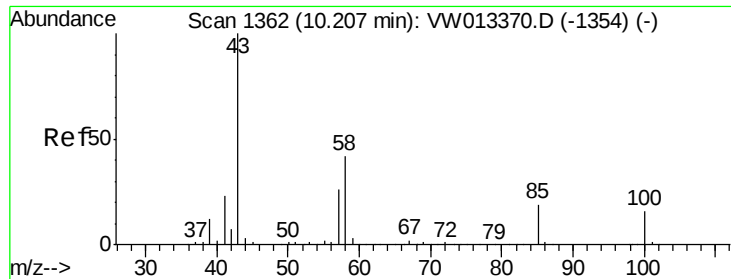
MMDadoda
10/4/2019 12:11:23 PM



#50
Toluene-d8
Concen: 53.448 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion: 98 Resp: 619881
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 218.104 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 470879

Ion Ratio Lower Upper

43 100

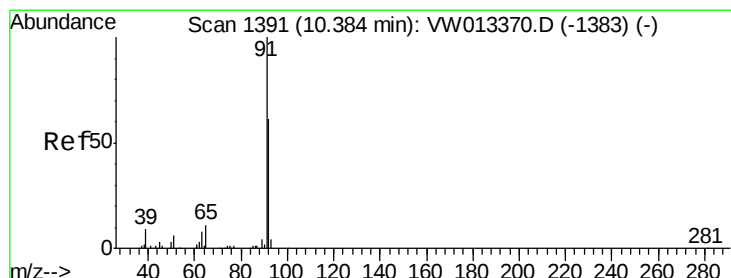
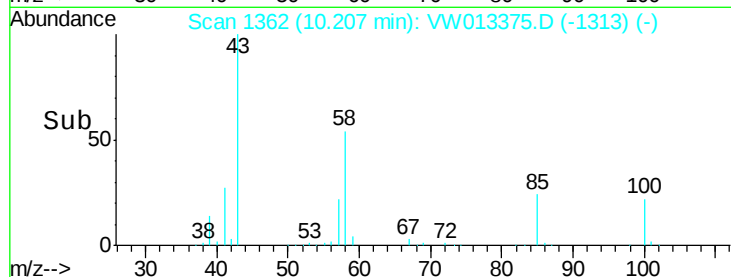
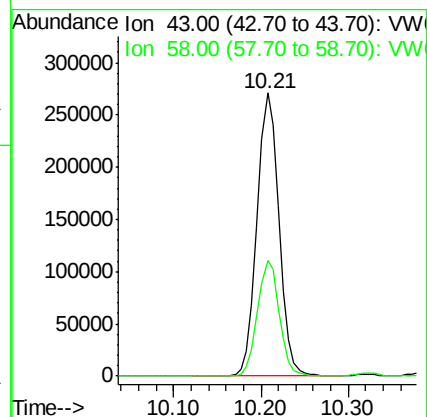
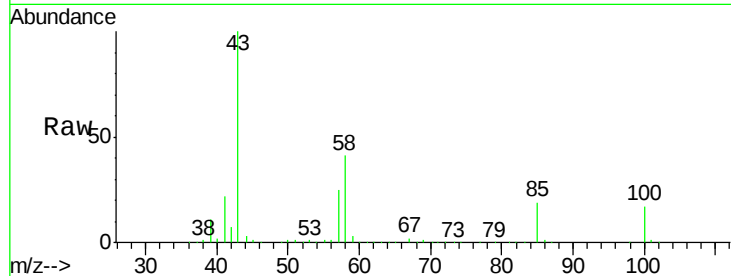
58 40.5 31.7 47.5

Manual Integrations

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#52

Toluene

Concen: 48.960 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013375.D

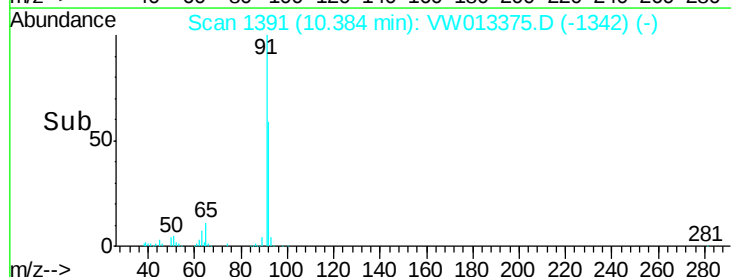
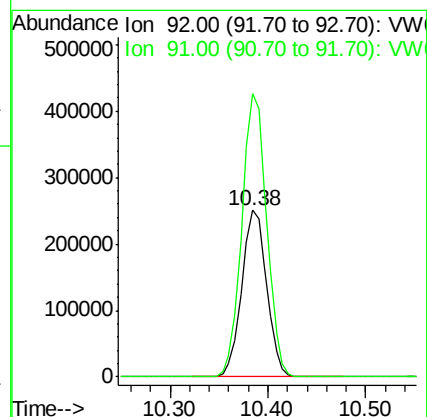
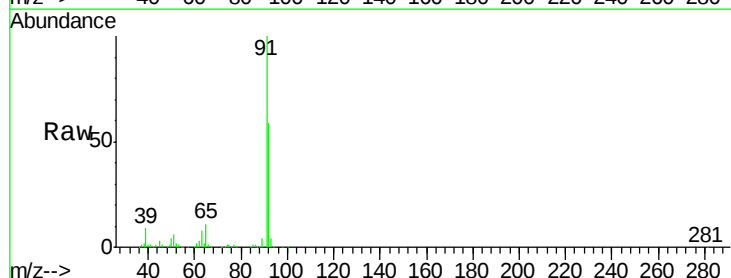
Acq: 02 Oct 2019 12:55

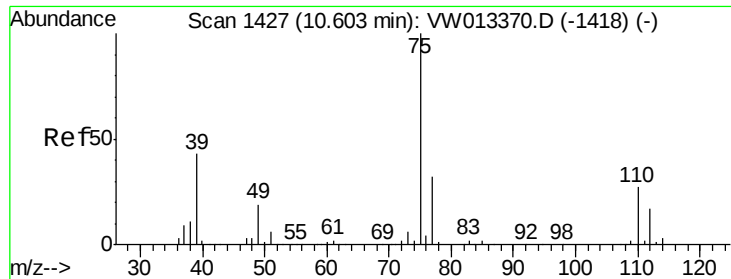
Tgt Ion: 92 Resp: 442228

Ion Ratio Lower Upper

92 100

91 169.7 135.7 203.5





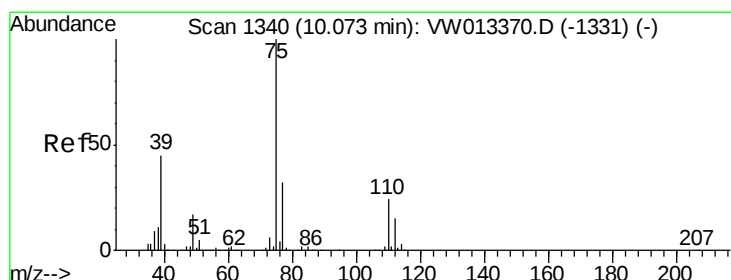
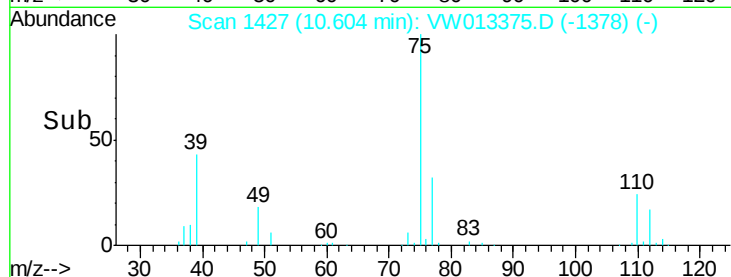
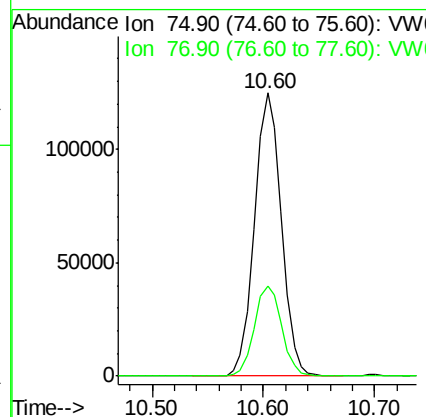
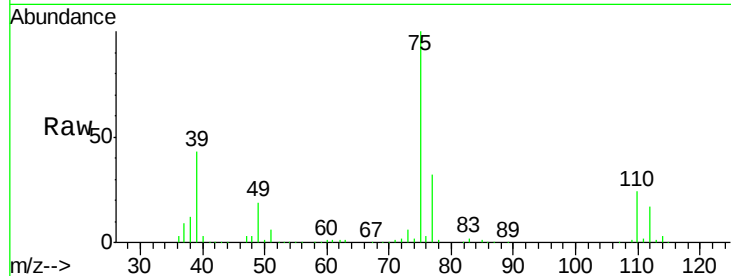
#53
t-1,3-Dichloropropene
Concen: 48.981 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100	210047		
77	31.5	25.5	38.3	

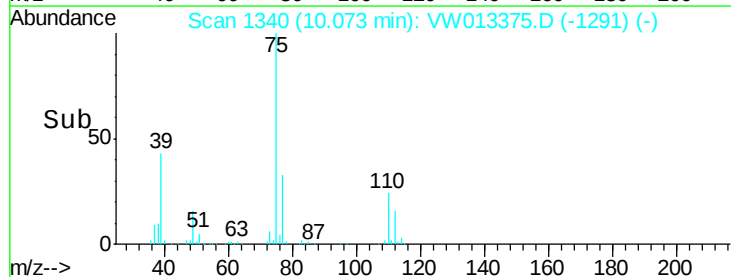
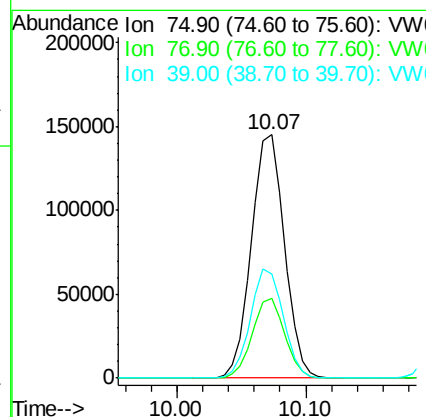
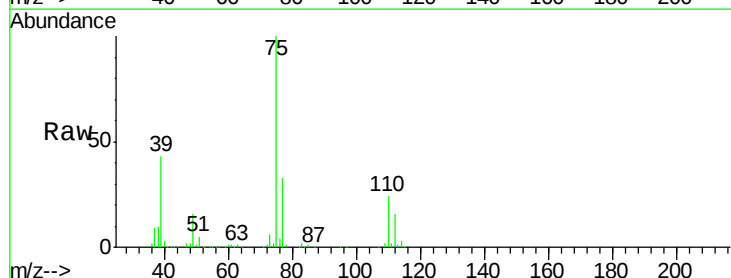
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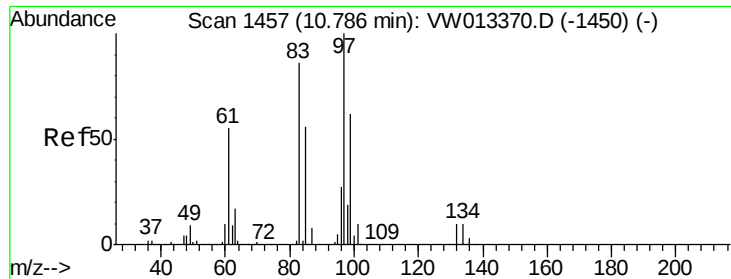
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#54
cis-1,3-Dichloropropene
Concen: 49.468 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	257199		
77	32.6	25.2	37.8	
39	42.7	36.6	55.0	





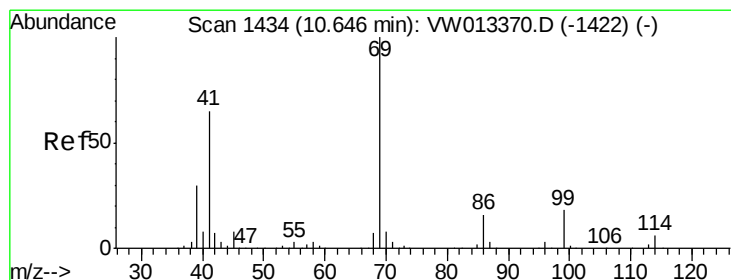
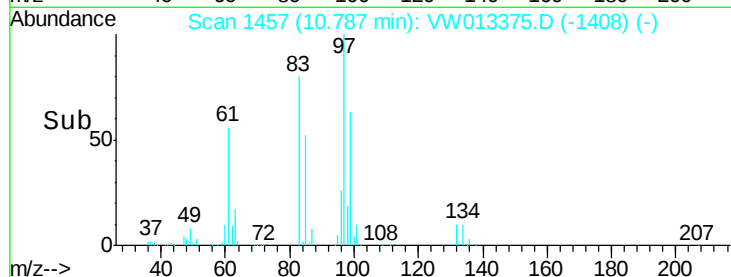
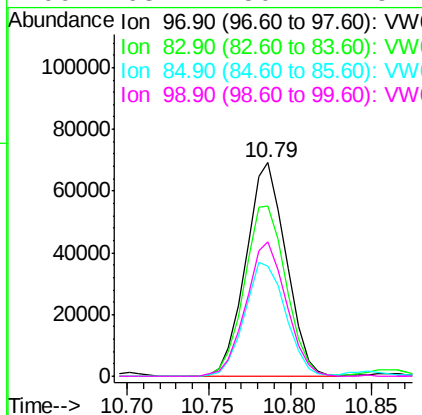
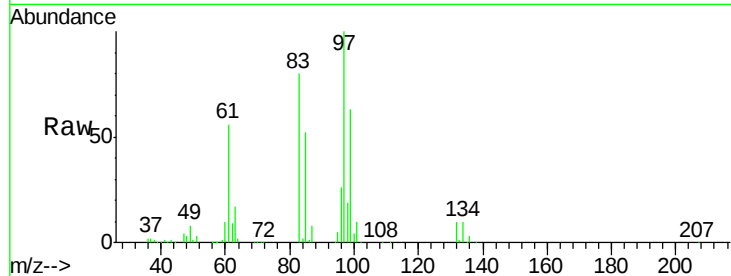
#55
 1,1,2-Trichloroethane
 Concen: 47.213 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		117953		
83	80.0	67.6	101.4		
85	51.8	41.9	62.9		
99	63.2	50.1	75.1		

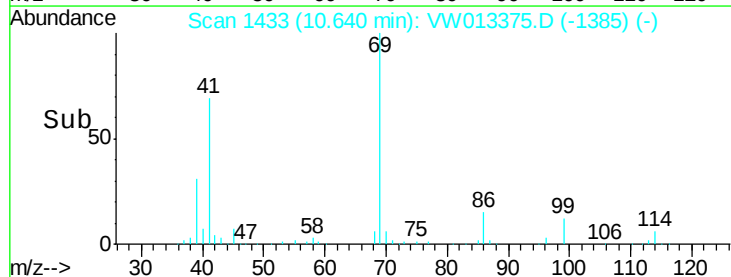
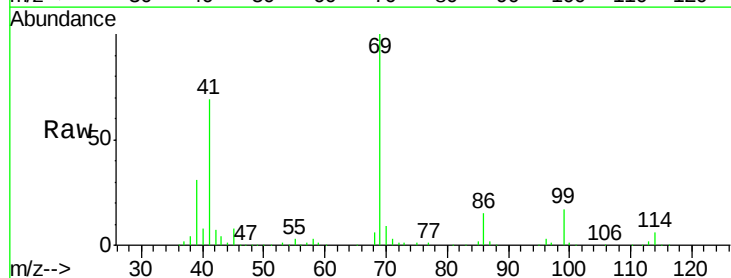
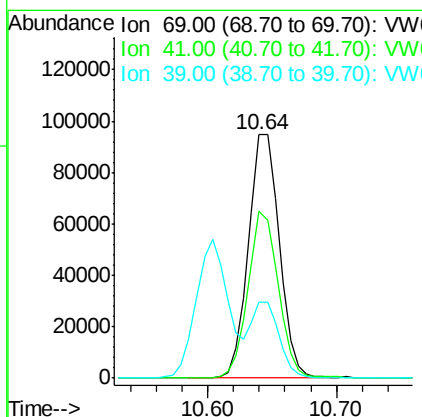
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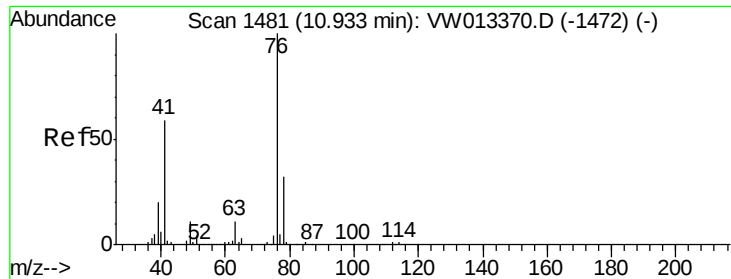
MMDadoda
 10/4/2019 12:11:23 PM



#56
 Ethyl methacrylate
 Concen: 46.709 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		157068		
41	66.6	53.9	80.9		
39	27.6	23.8	35.6		





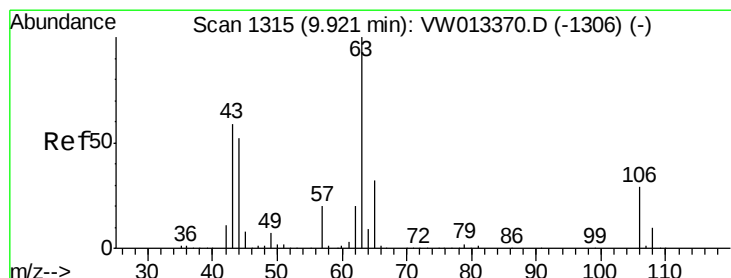
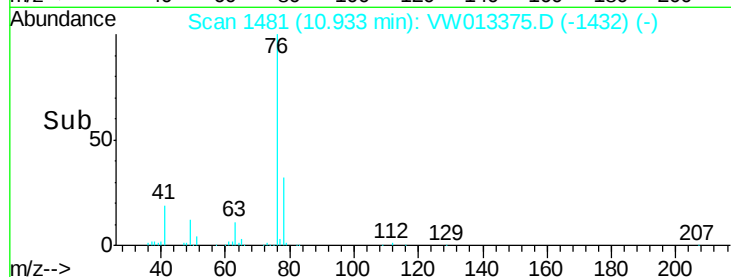
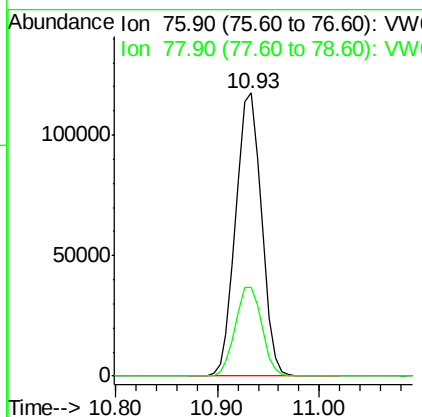
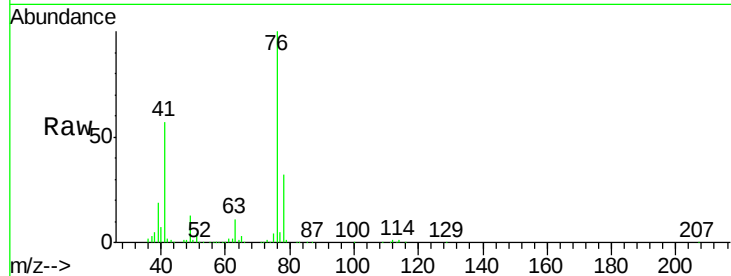
#57
 1,3-Dichloropropane
 Concen: 47.319 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.5	38.3

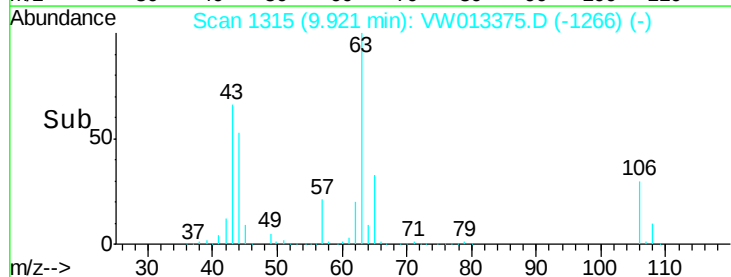
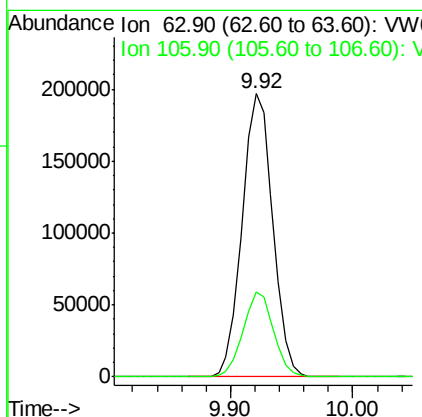
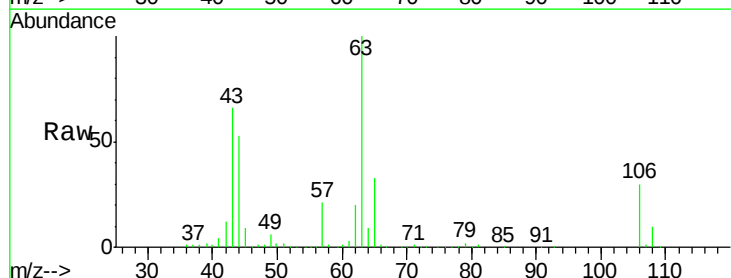
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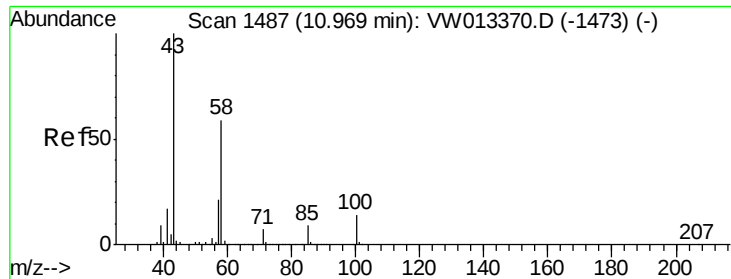
MMDadoda
 10/4/2019 12:11:23 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.096 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.4	35.0





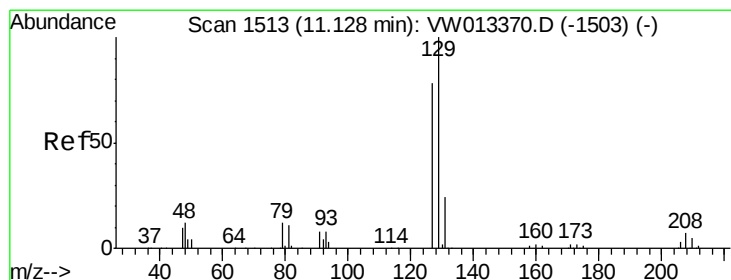
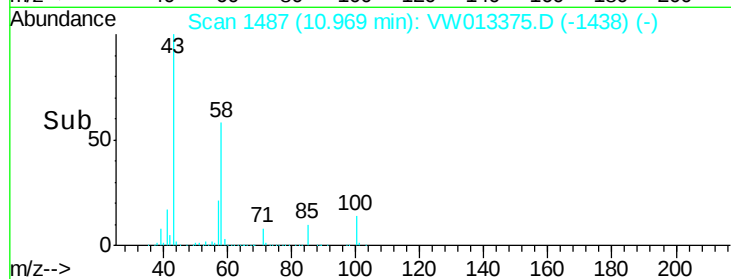
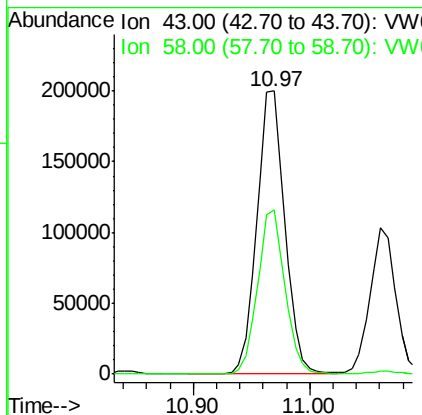
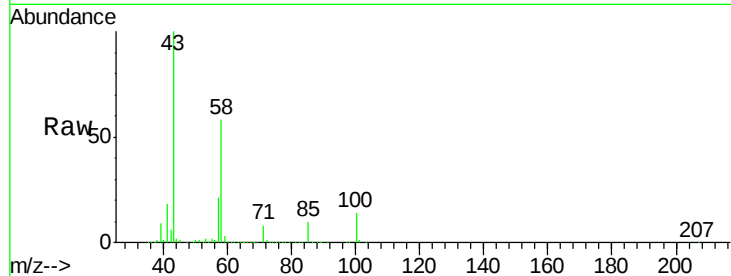
#59
2-Hexanone
Concen: 223.126 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 333894
Ion Ratio Lower Upper
43 100
58 56.9 28.1 84.2

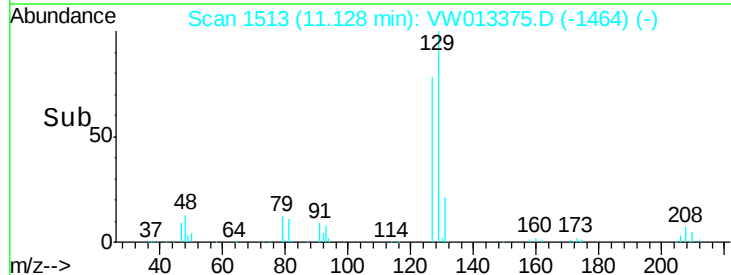
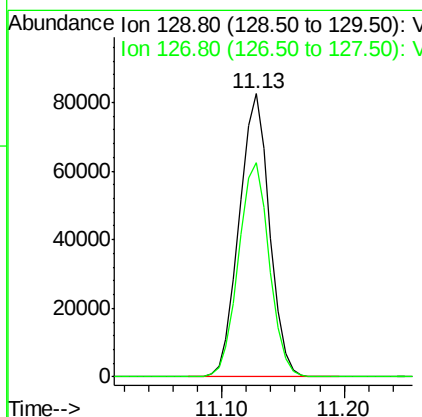
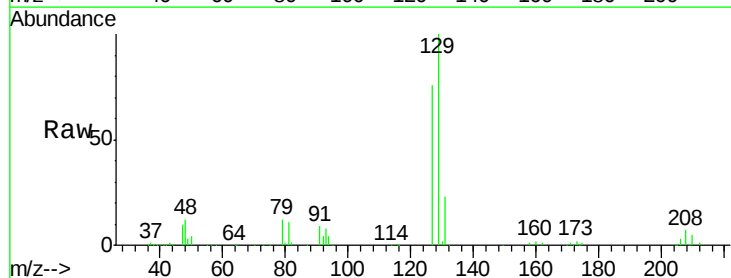
Manual Integrations
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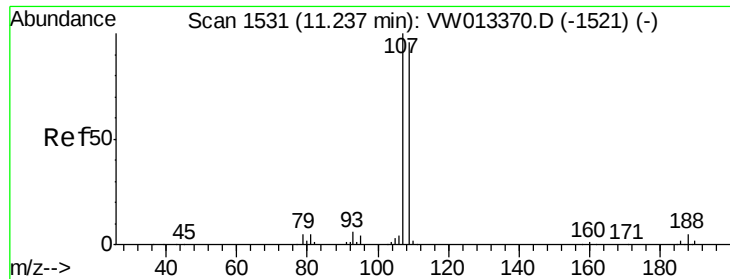
MMDadoda
10/4/2019 12:11:23 PM



#60
Dibromochloromethane
Concen: 49.484 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion: 129 Resp: 141430
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4





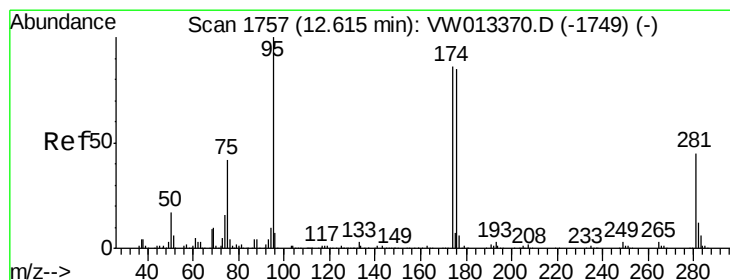
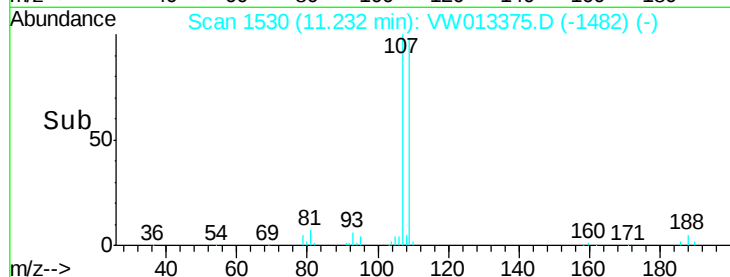
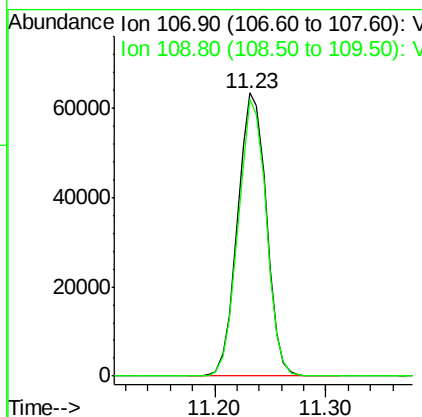
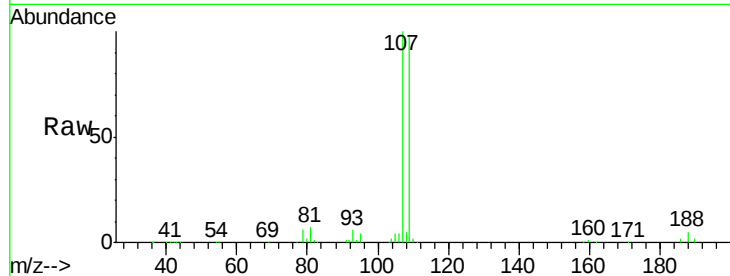
#61
1,2-Dibromoethane
Concen: 46.906 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	113237		
109	95.1	75.2	112.8	

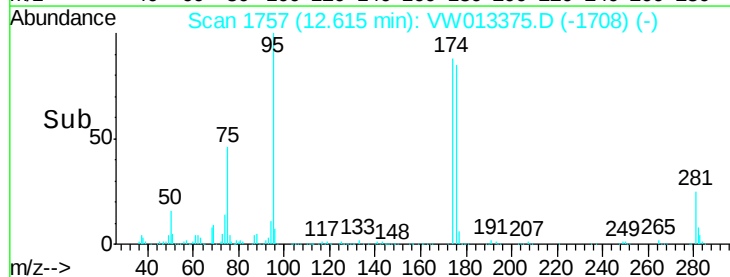
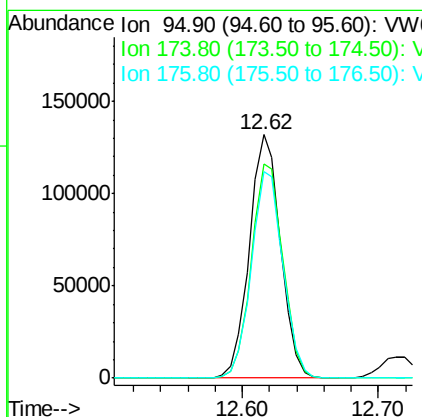
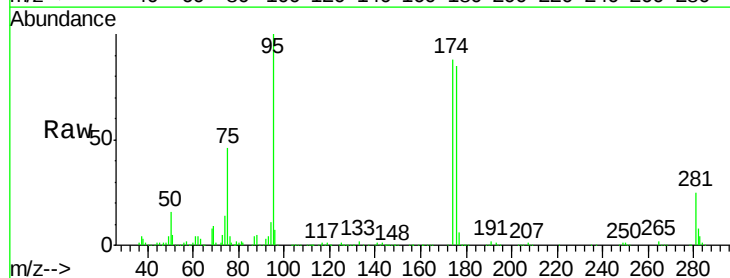
Manual Integrations
APPROVED

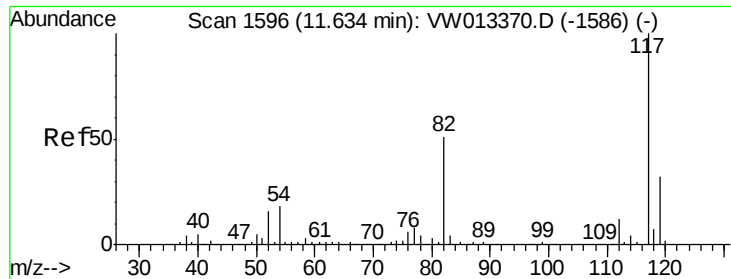
MMDadoda
10/4/2019 12:11:23 PM



#62
4-Bromofluorobenzene
Concen: 54.512 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	211122		
174	89.5	0.0	178.4	
176	86.4	0.0	172.2	





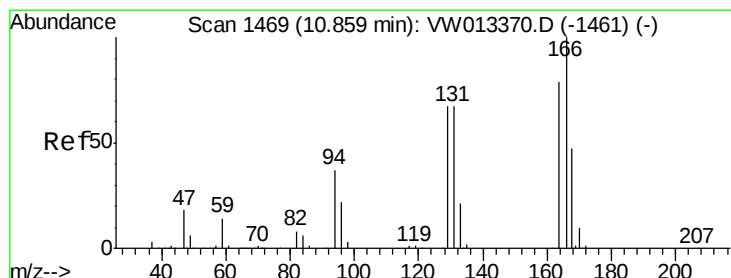
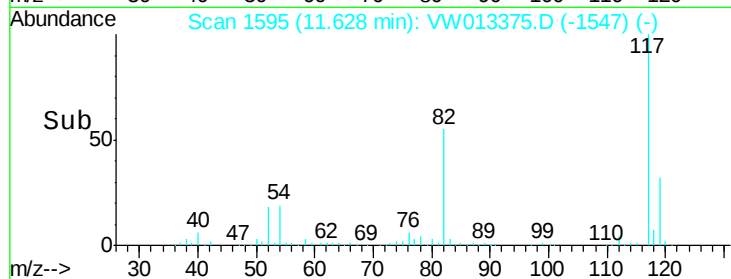
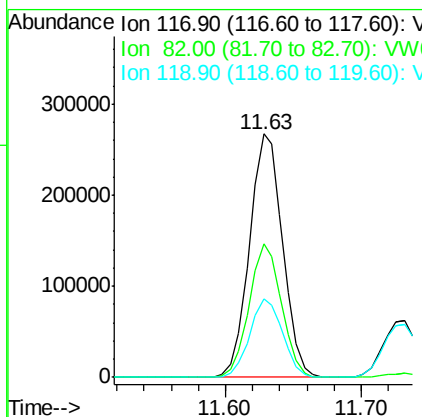
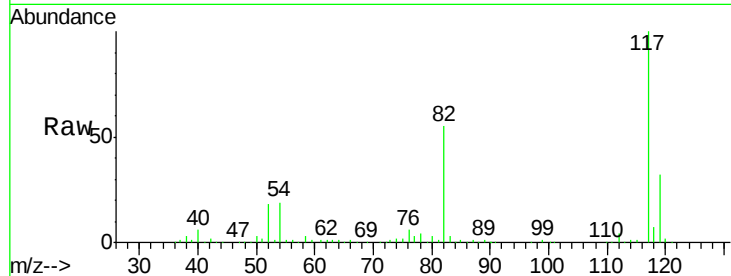
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.9	68.9
119	32.0	26.2	39.2

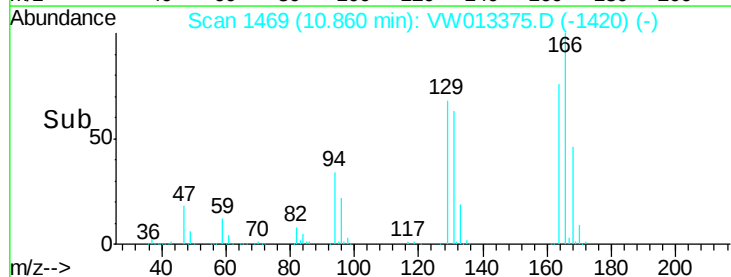
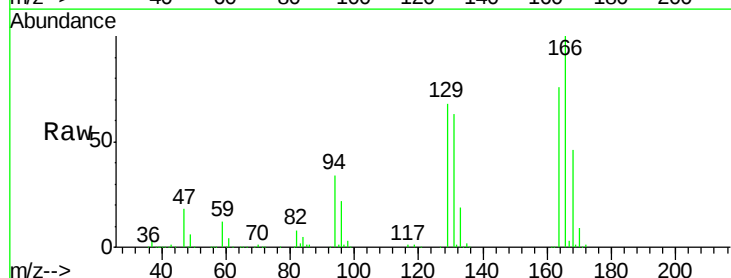
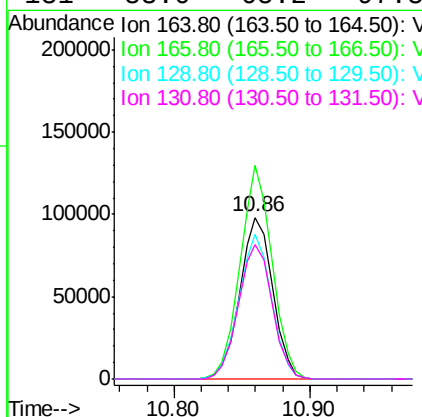
Manual Integrations
APPROVED

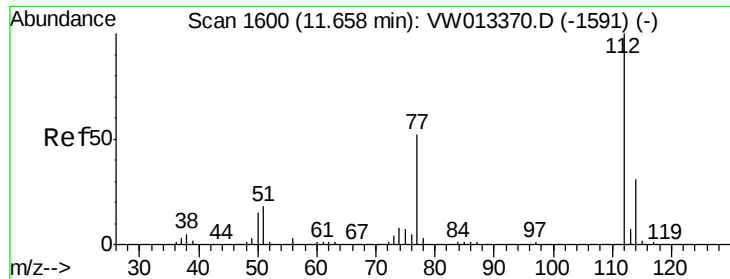
MMDadoda
10/4/2019 12:11:23 PM



#64
Tetrachloroethene
Concen: 47.812 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.9	101.2	151.8
129	89.6	68.8	103.2
131	83.0	65.2	97.8





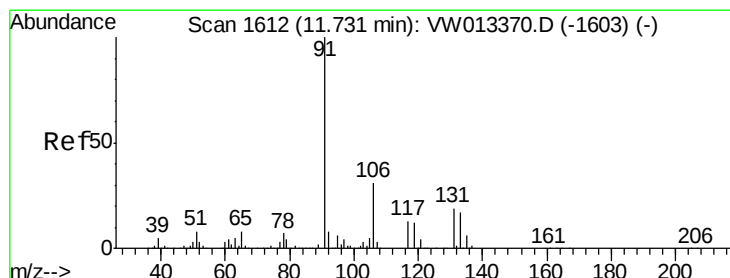
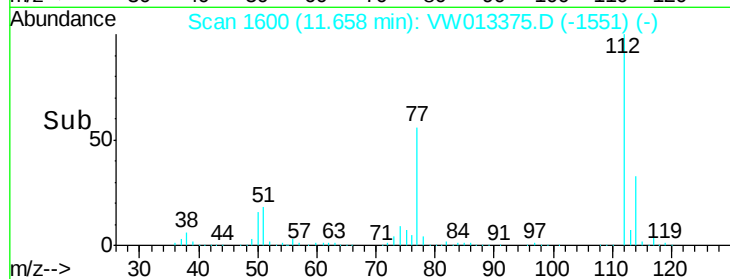
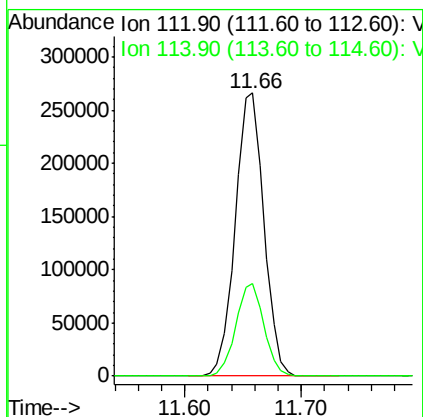
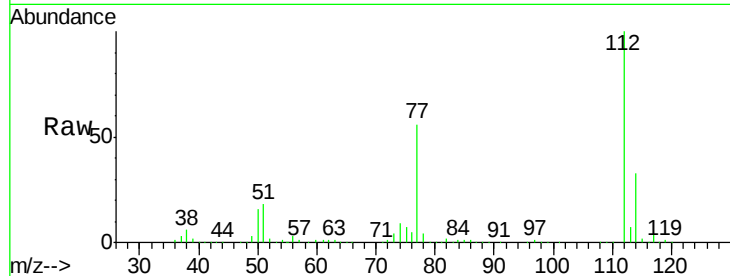
#65
Chlorobenzene
Concen: 48.877 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 456050
Ion Ratio Lower Upper
112 100
114 32.7 26.5 39.7

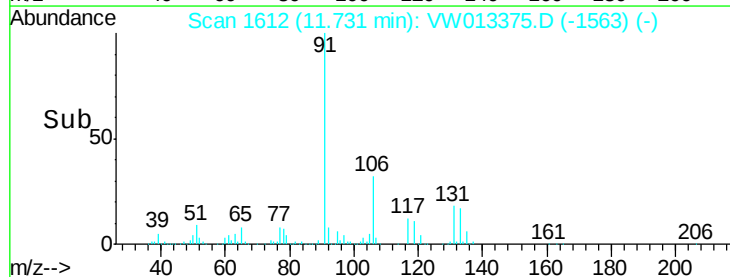
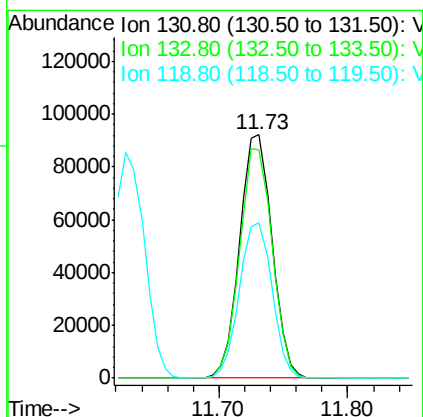
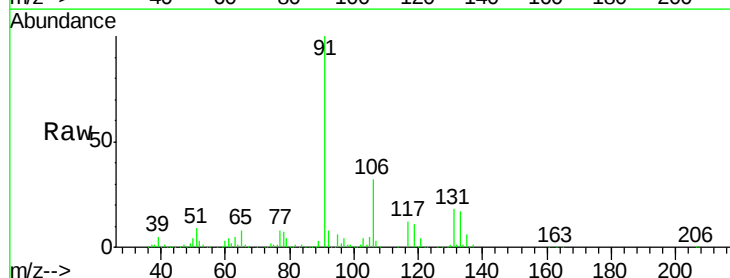
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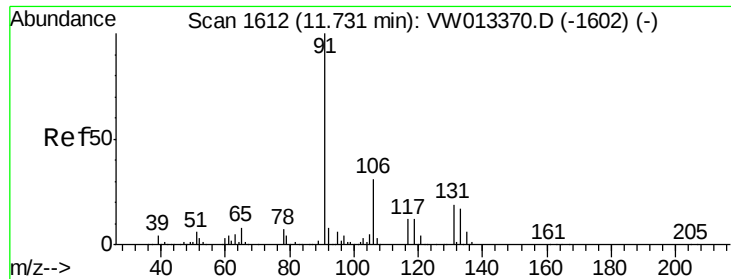
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.515 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion:131 Resp: 160532
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 64.4 32.5 97.5





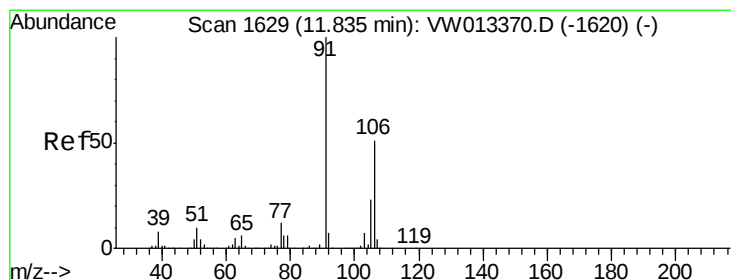
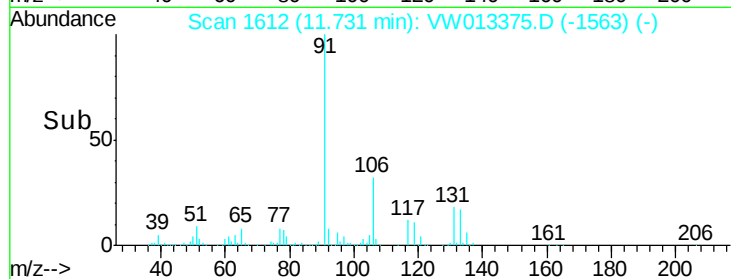
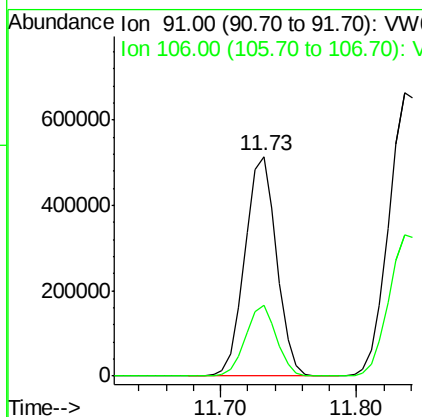
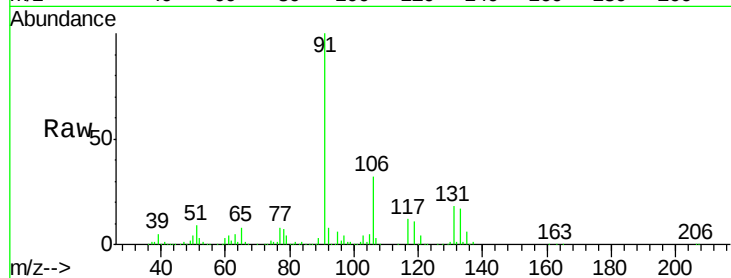
#67
Ethyl Benzene
Concen: 50.196 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 839408
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

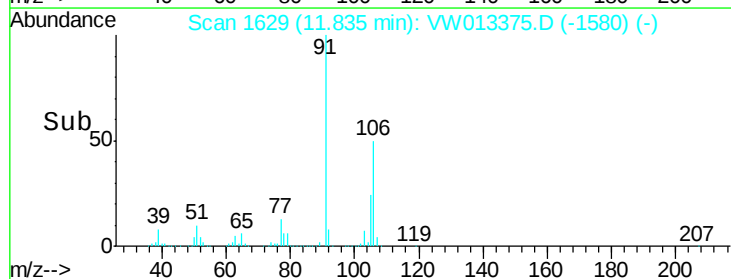
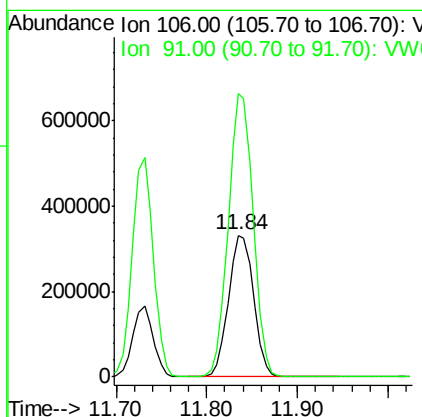
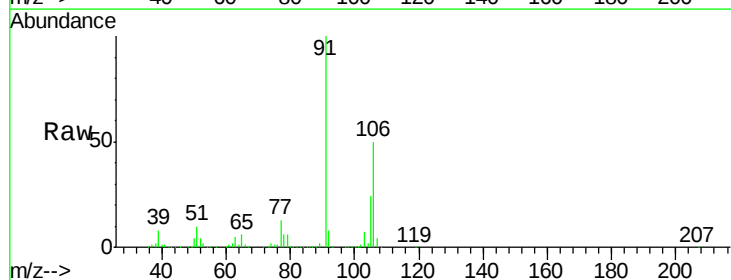
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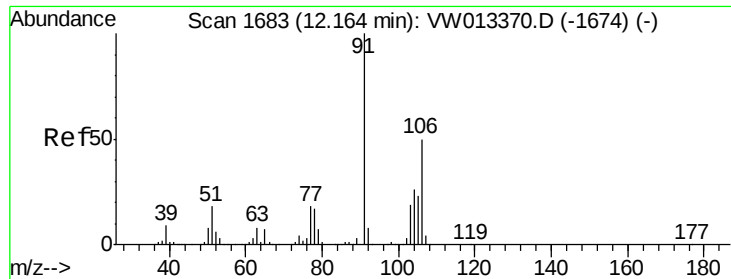
MMDadoda
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#68
m/p-Xylenes
Concen: 99.615 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion: 106 Resp: 642985
Ion Ratio Lower Upper
106 100
91 197.4 157.9 236.9





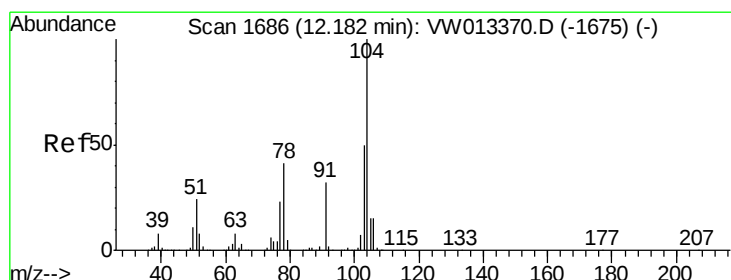
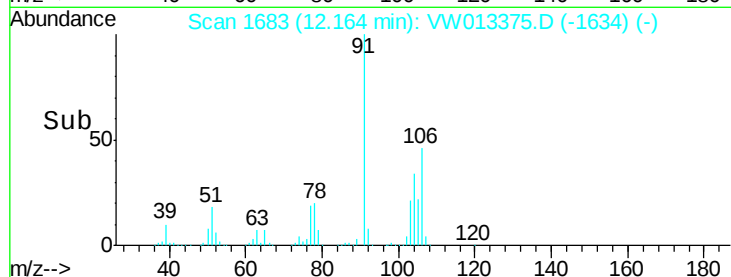
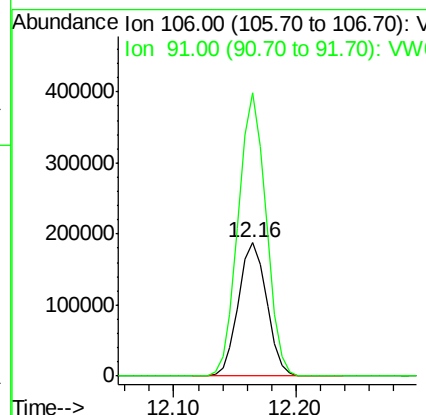
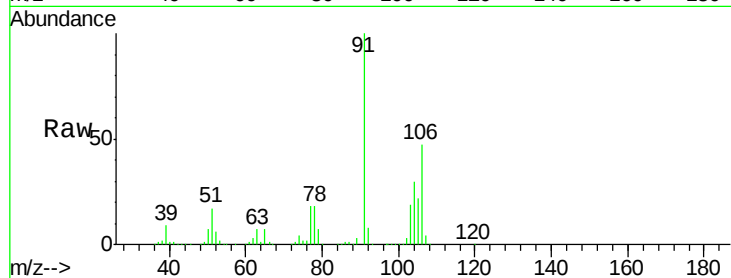
#69
o-Xylene
Concen: 50.556 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		301714		
91	207.9	106.5	319.5		

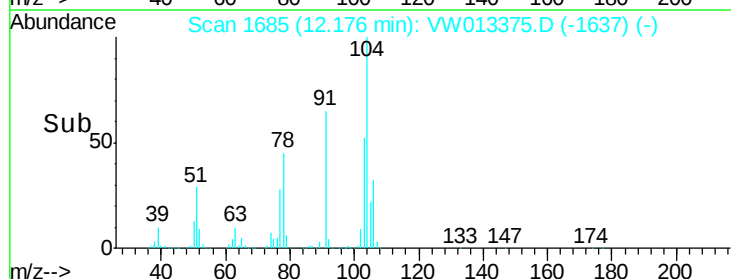
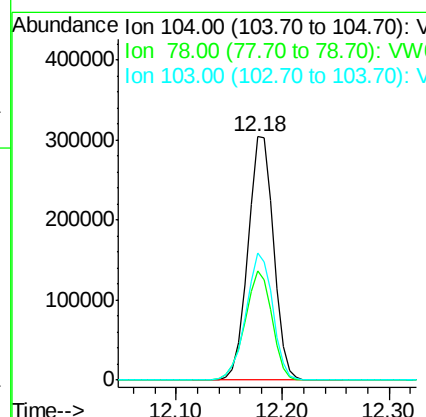
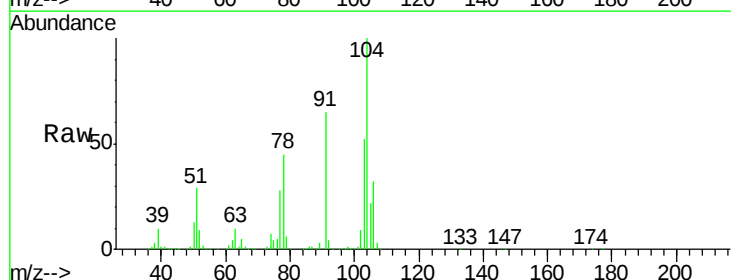
Manual Integrations
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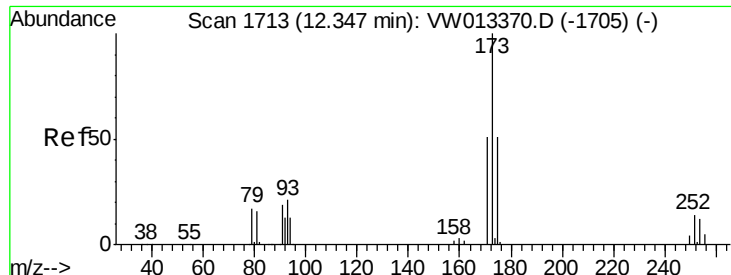
MMDadoda
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#70
Styrene
Concen: 50.540 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		515596		
78	47.3	38.4	57.6		
103	54.3	43.3	64.9		





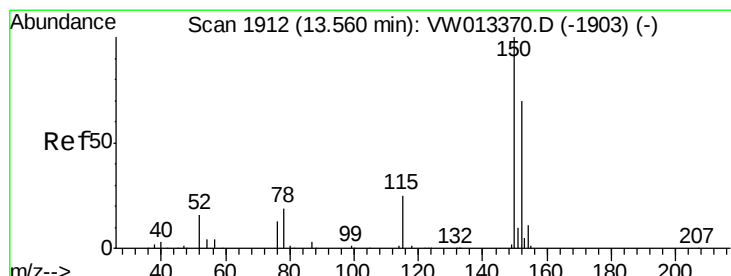
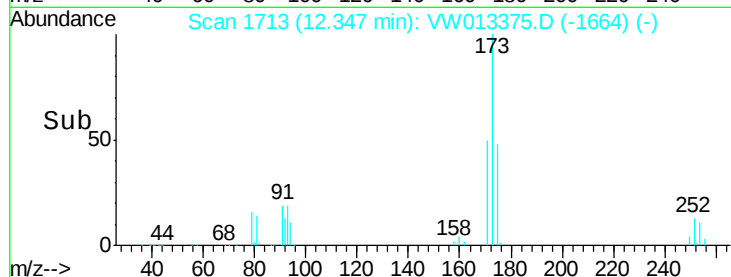
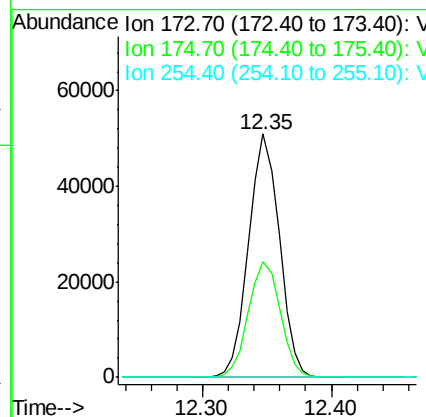
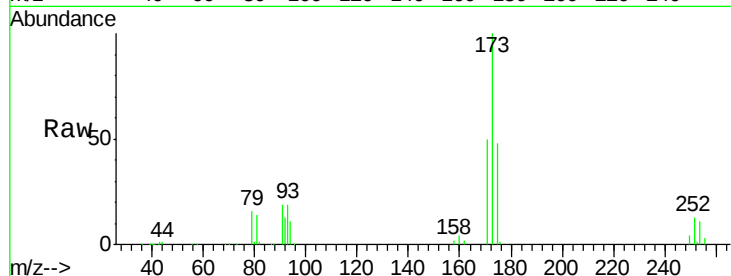
#71
Bromoform
Concen: 48.966 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.3	73.0
254	0.1	0.1	0.1

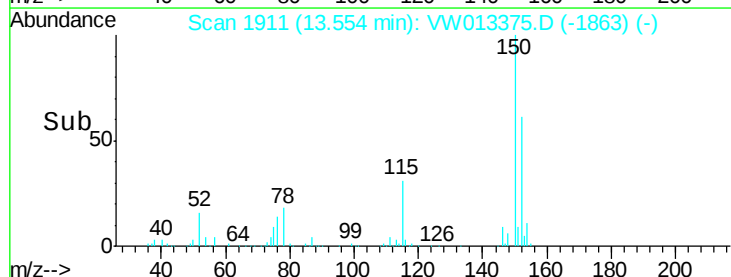
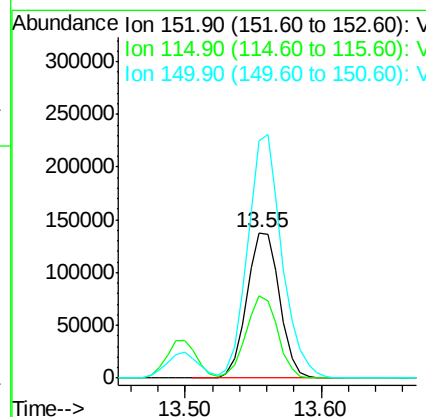
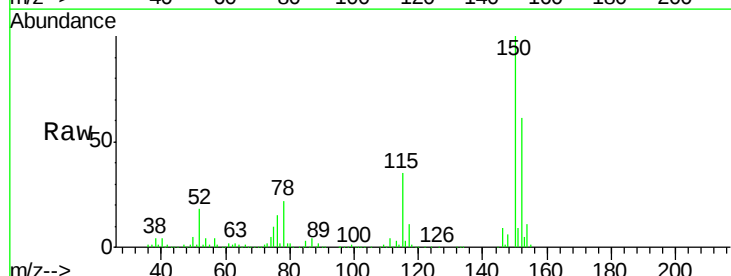
Manual Integrations
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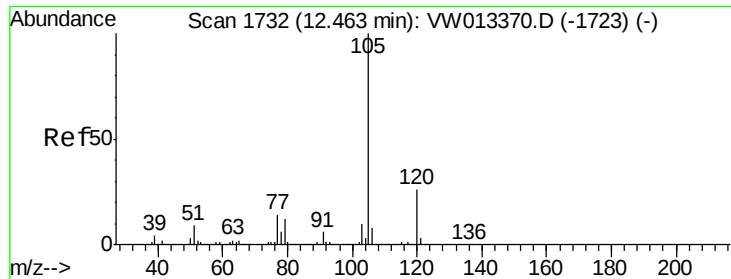
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.3	81.9
150	174.5	0.0	349.0





#73

Isopropylbenzene

Concen: 48.835 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 829364

Ion Ratio Lower Upper

105 100

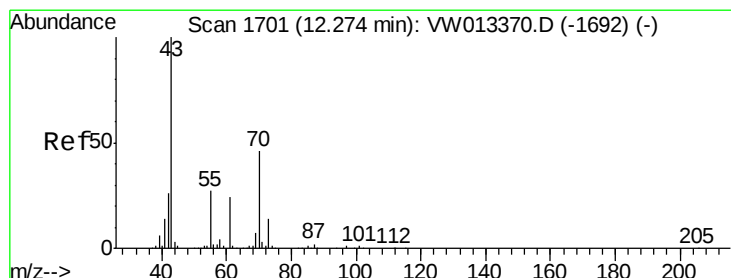
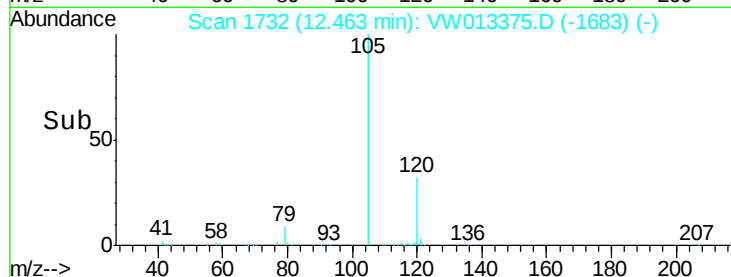
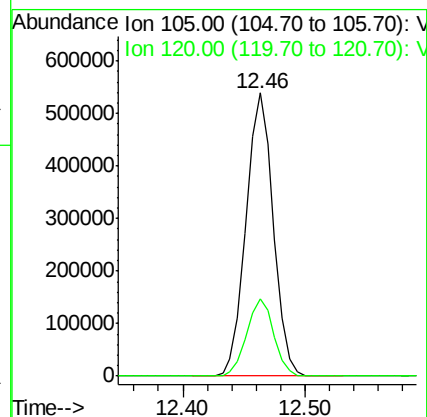
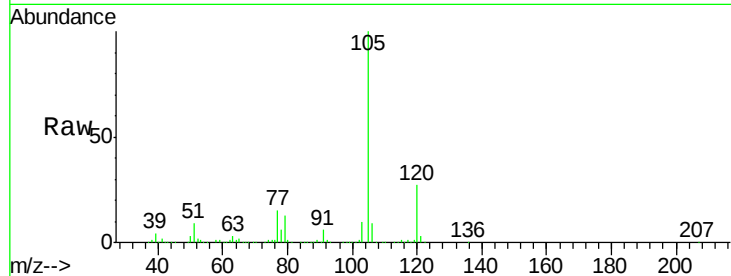
120 27.1 13.4 40.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 46.891 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Tgt Ion: 43 Resp: 169477

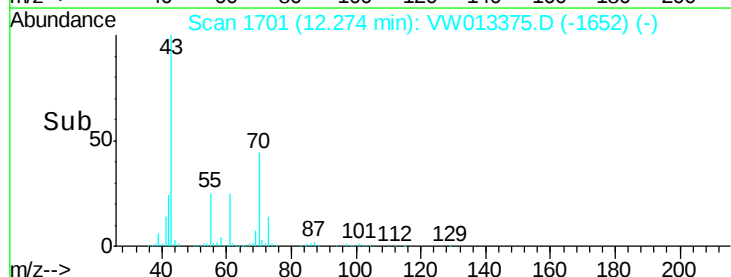
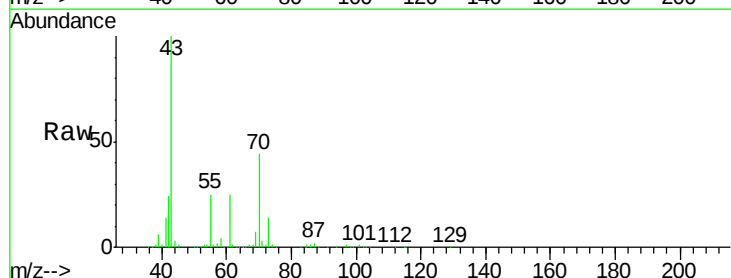
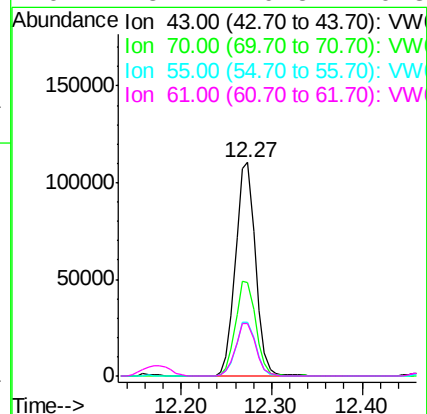
Ion Ratio Lower Upper

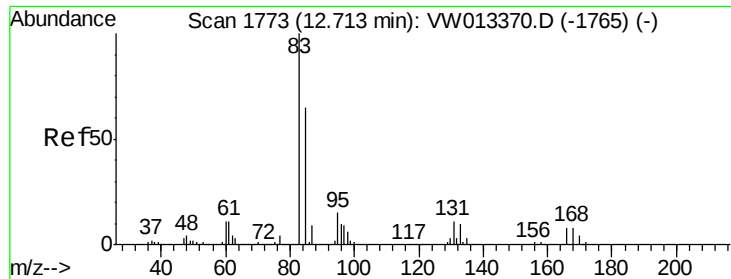
43 100

70 45.0 35.1 52.7

55 25.6 19.9 29.9

61 25.1 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.272 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

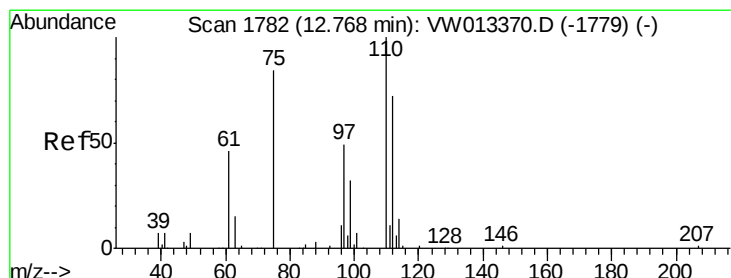
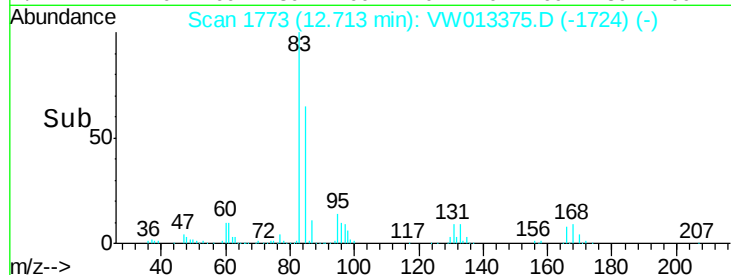
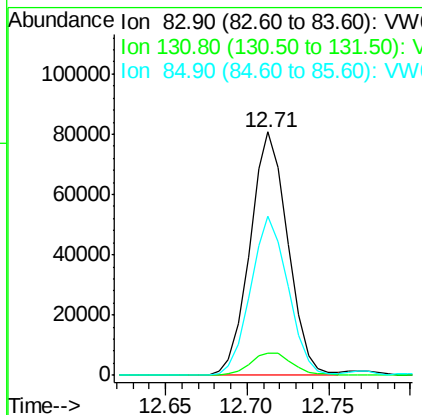
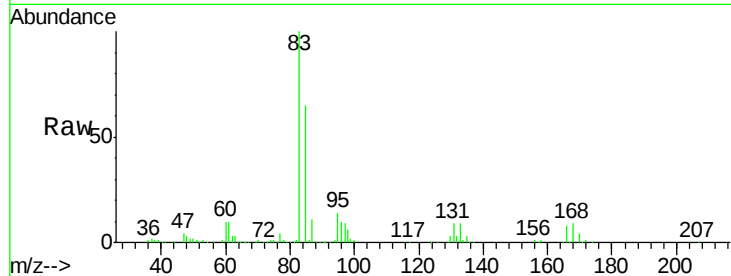
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	130132
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.4	16.2
85	64.5	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.389 ug/l m

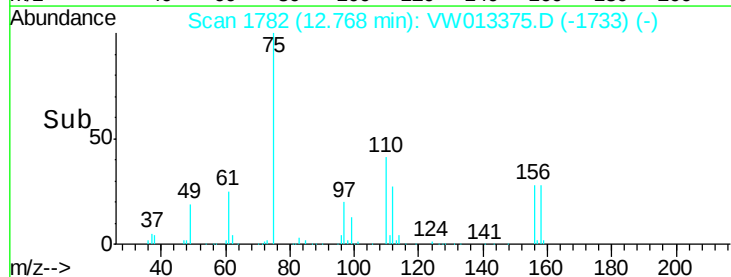
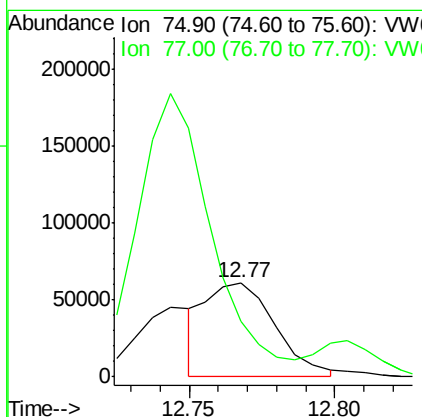
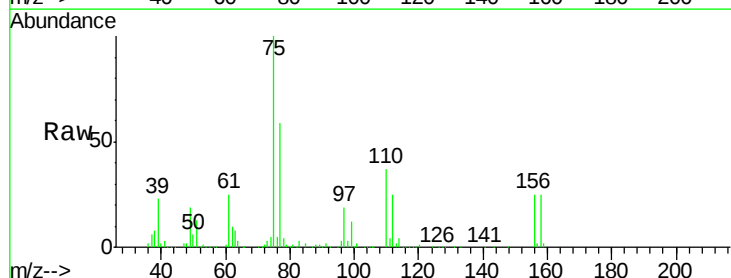
RT: 12.77 min Scan# 1782

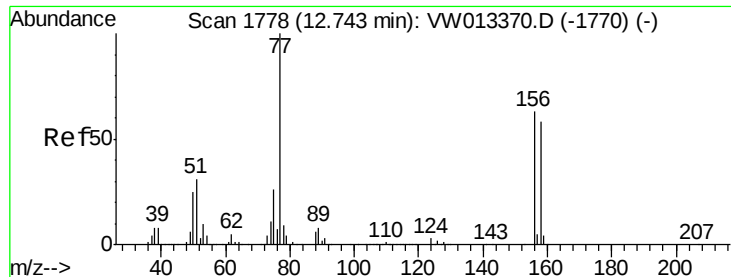
Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Tgt Ion:	75	Resp:	101913
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.855 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

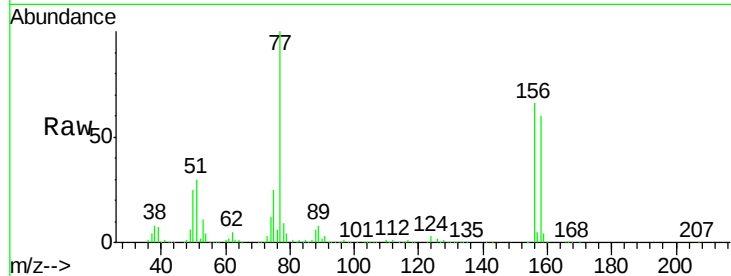
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	170.3	85.7	257.1
158	97.7	48.1	144.4

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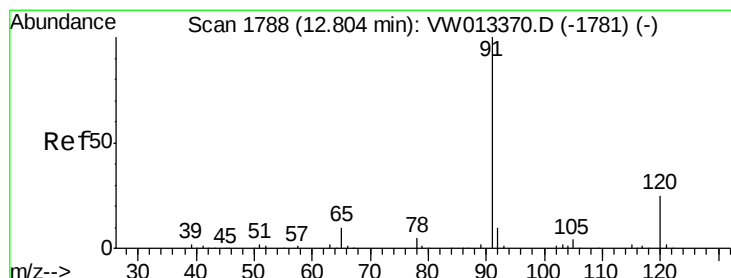
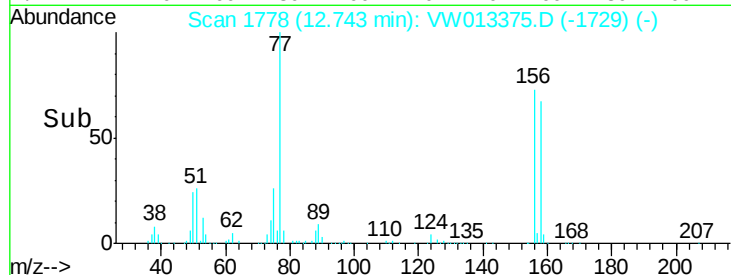
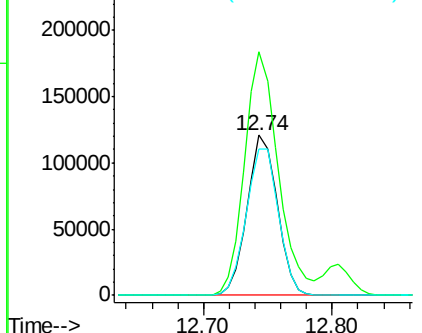
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.015 ug/l

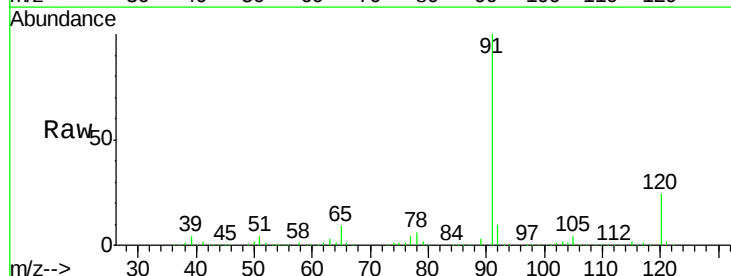
RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013375.D

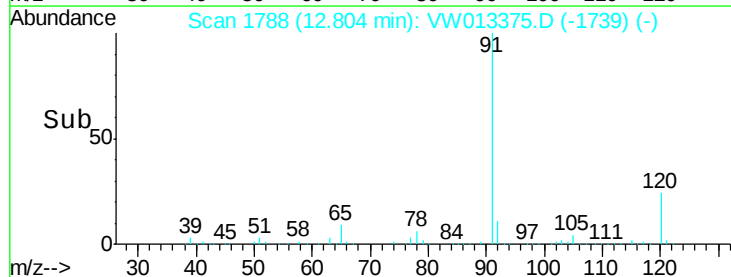
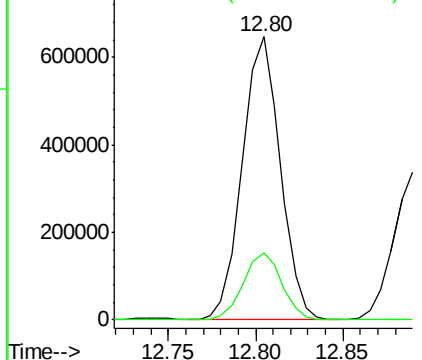
Acq: 02 Oct 2019 12:55

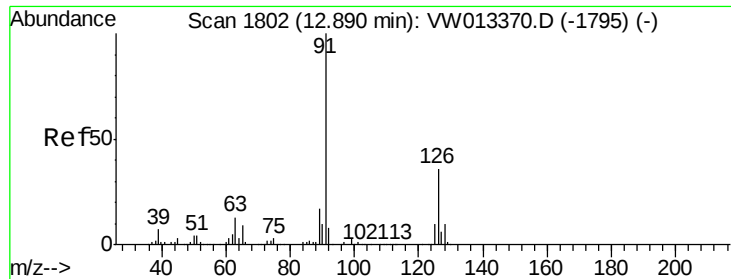
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.781 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 540143

Ion Ratio Lower Upper

91 100

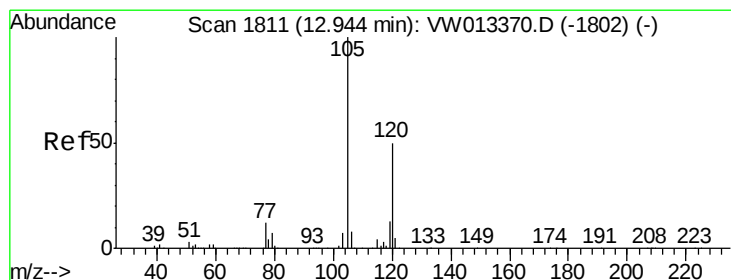
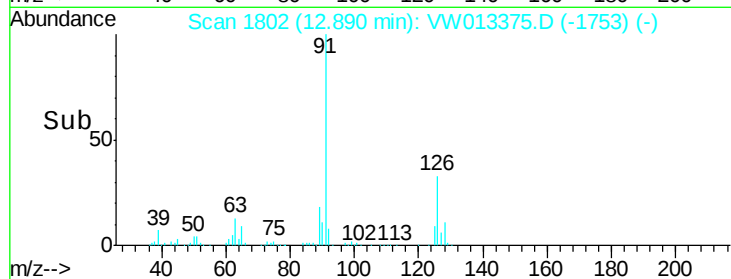
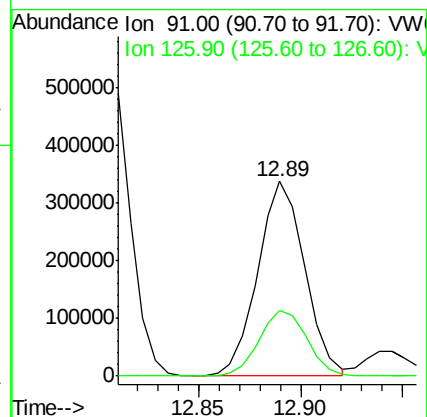
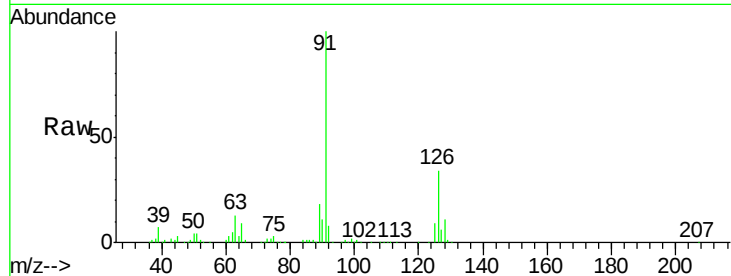
126 34.6 17.2 51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 49.585 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013375.D

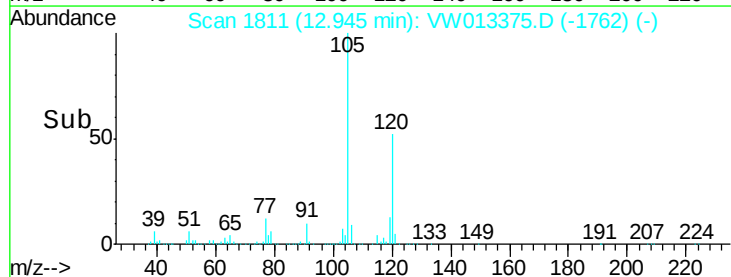
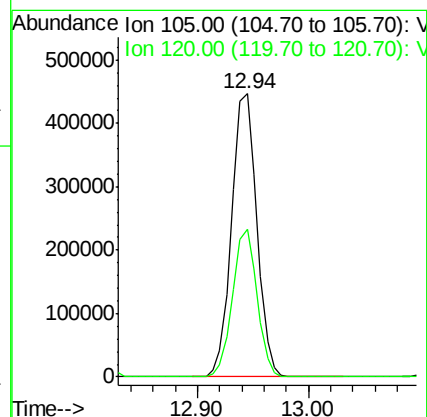
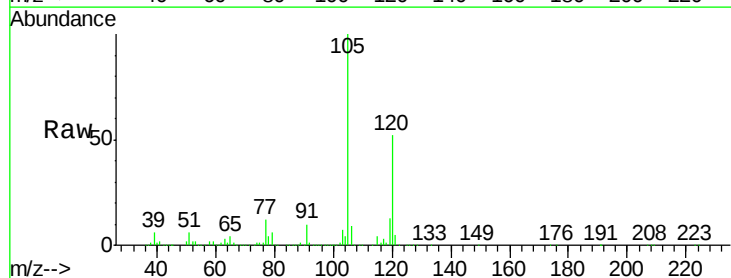
Acq: 02 Oct 2019 12:55

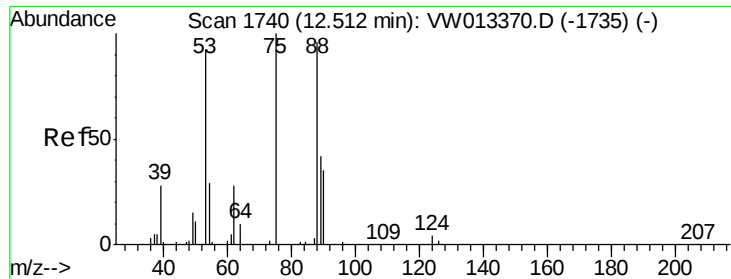
Tgt Ion: 105 Resp: 699520

Ion Ratio Lower Upper

105 100

120 50.6 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.199 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

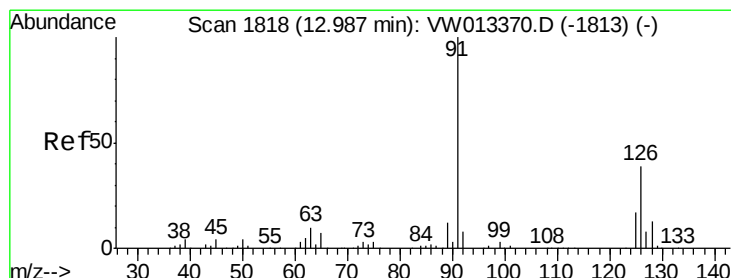
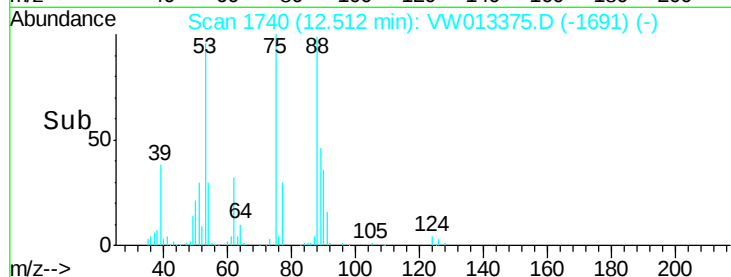
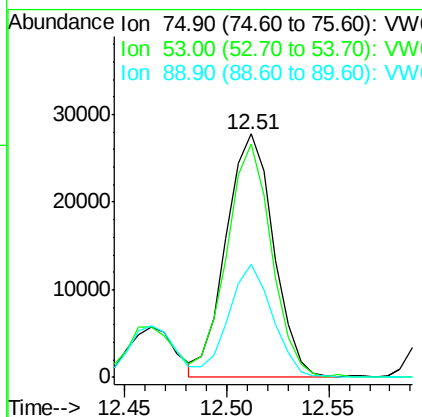
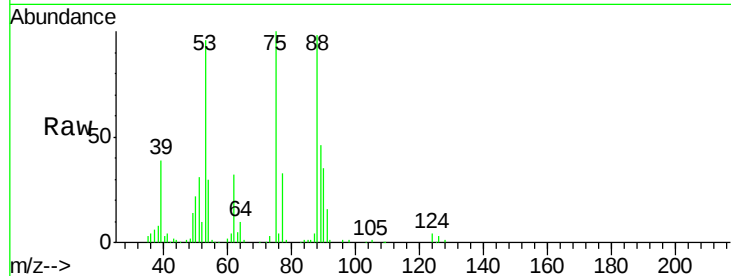
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	44491
Ion	Ratio	Lower	Upper
75	100		
53	91.9	76.6	114.8
89	43.9	33.5	50.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.608 ug/l

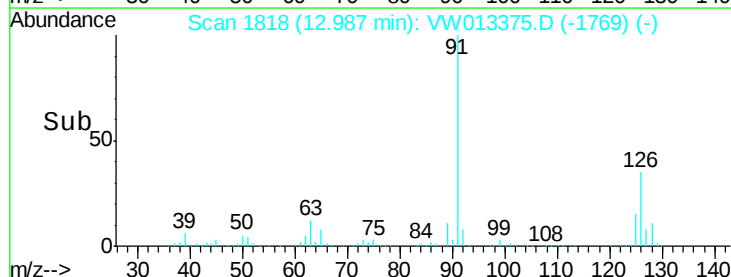
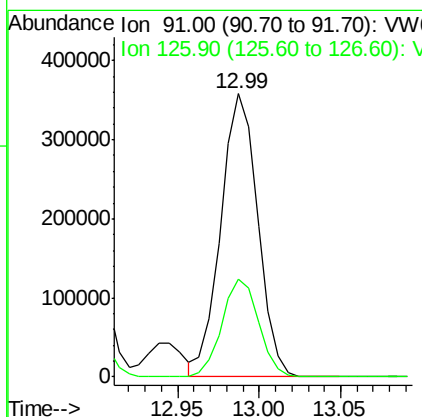
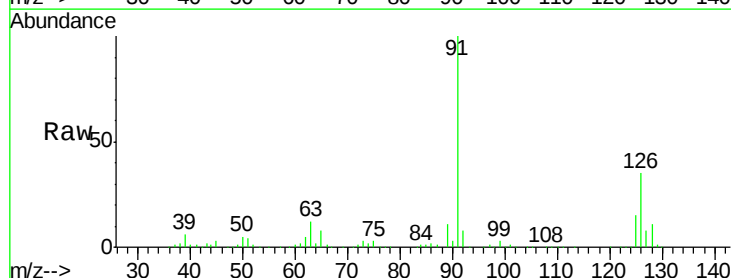
RT: 12.99 min Scan# 1818

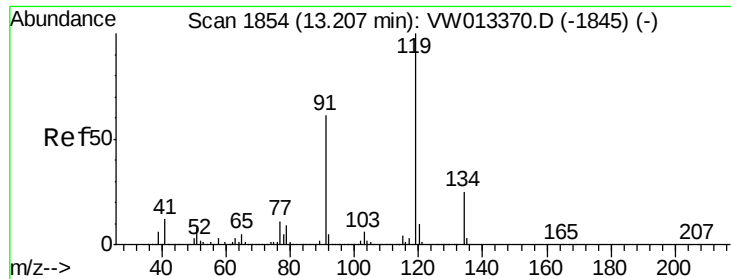
Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Tgt Ion:	91	Resp:	563848
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.3	51.7





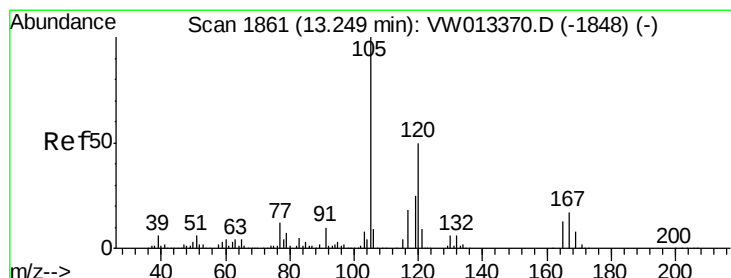
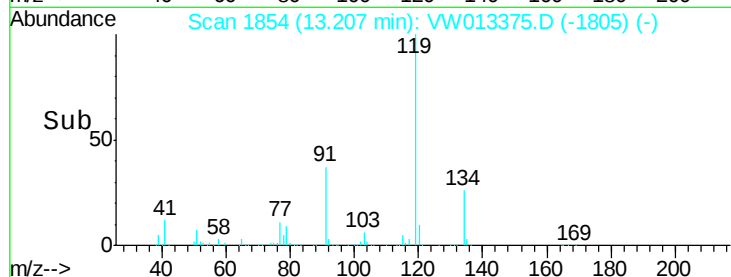
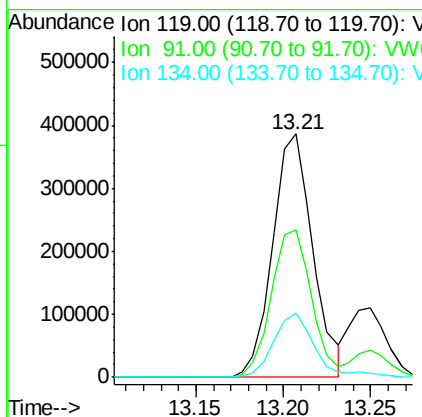
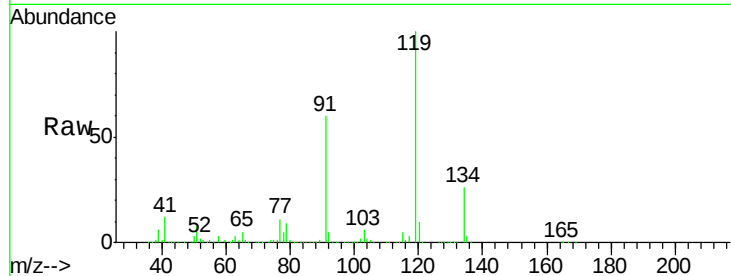
#83
tert-Butylbenzene
Concen: 50.311 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.7	30.7	92.1
134	25.8	12.6	37.6

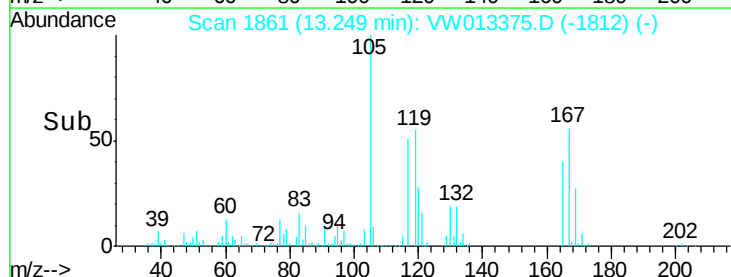
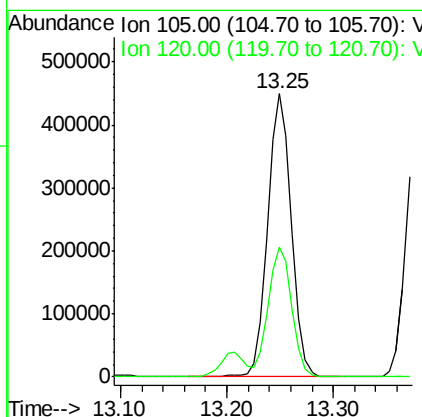
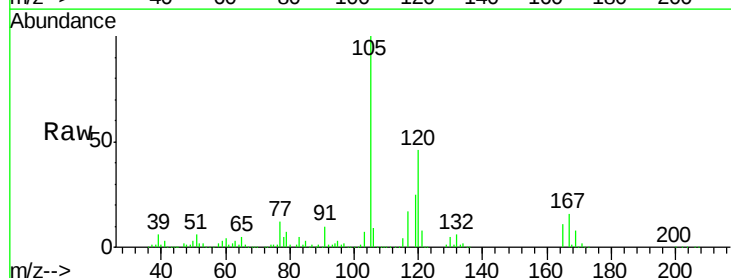
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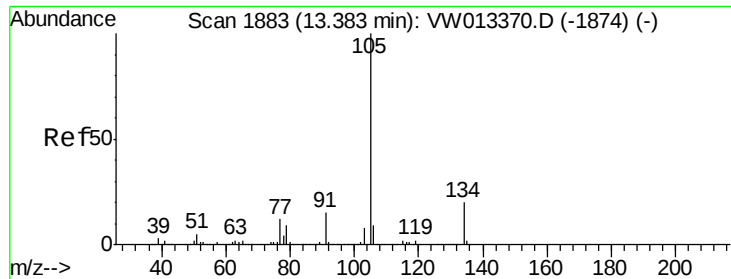
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#84
1,2,4-Trimethylbenzene
Concen: 49.604 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.4	70.3





#85

sec-Butylbenzene

Concen: 50.320 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 854897

Ion Ratio Lower Upper

105 100

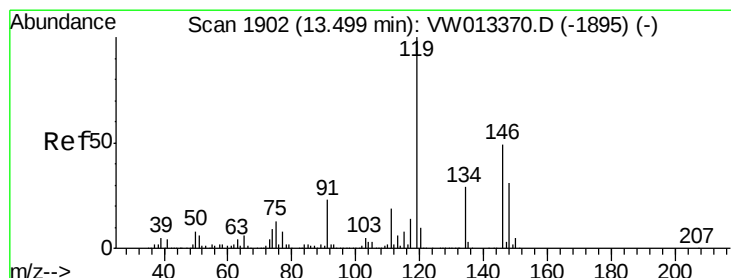
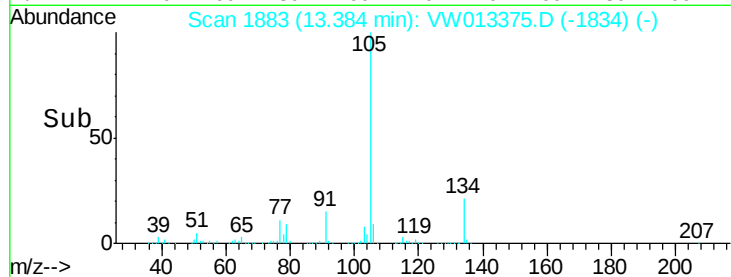
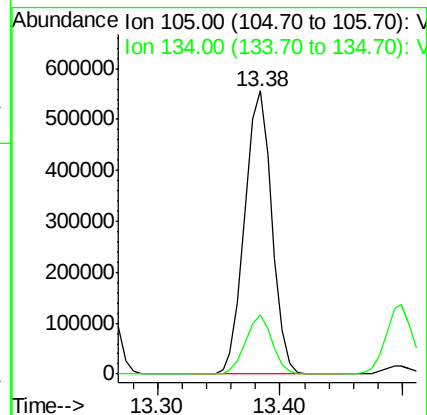
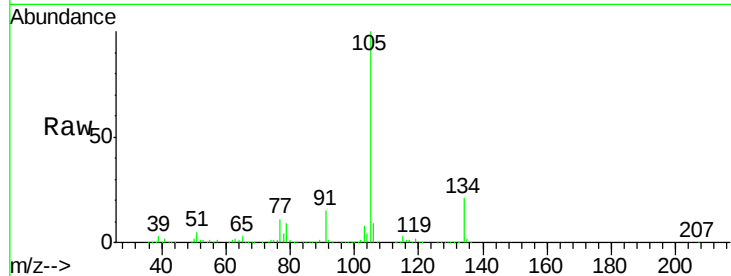
134 20.4 10.3 30.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.586 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013375.D

Acq: 02 Oct 2019 12:55

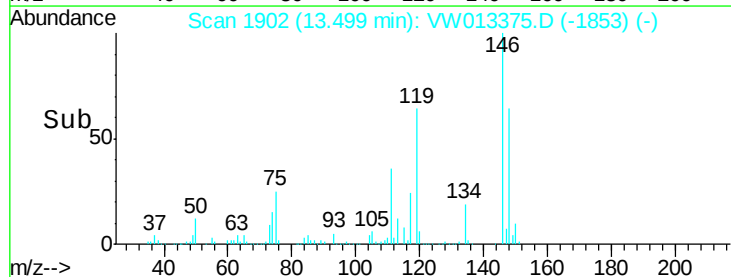
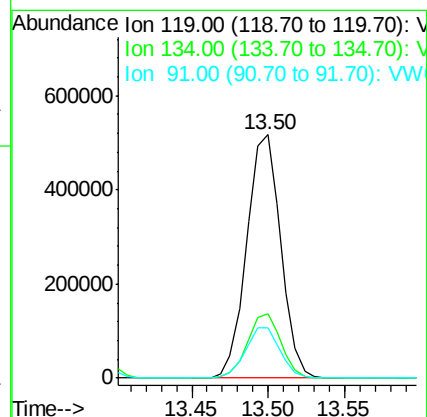
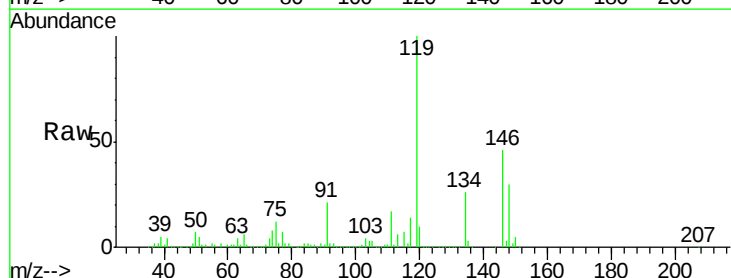
Tgt Ion:119 Resp: 796471

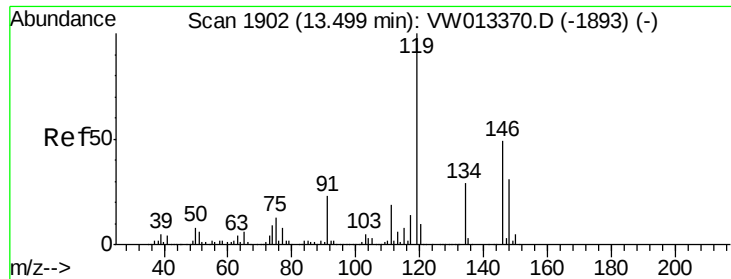
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 21.0 10.8 32.4





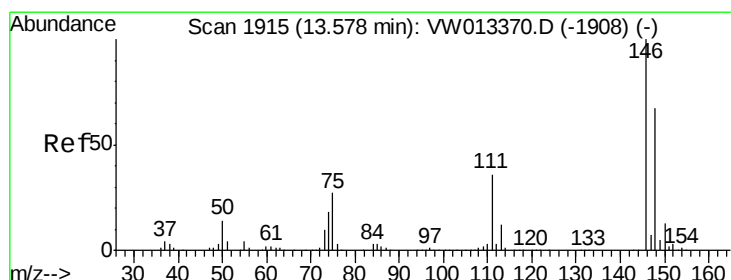
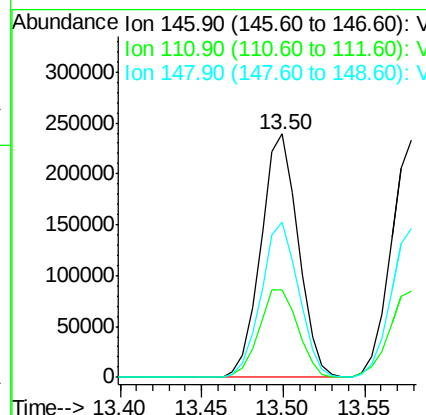
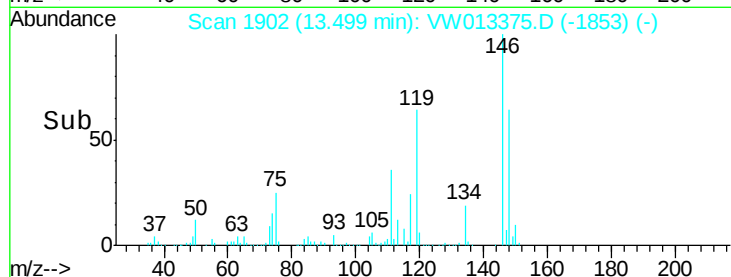
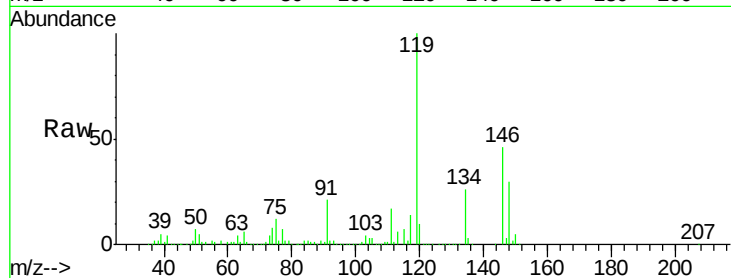
#87
 1,3-Dichlorobenzene
 Concen: 49.583 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.9
148	63.7	31.9	95.5

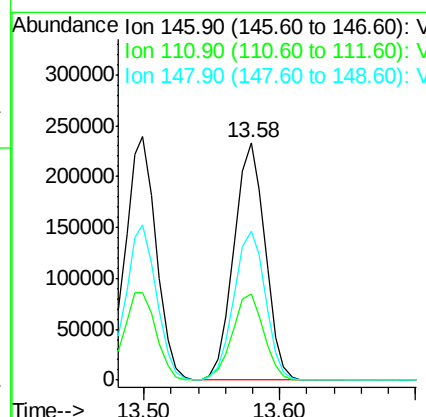
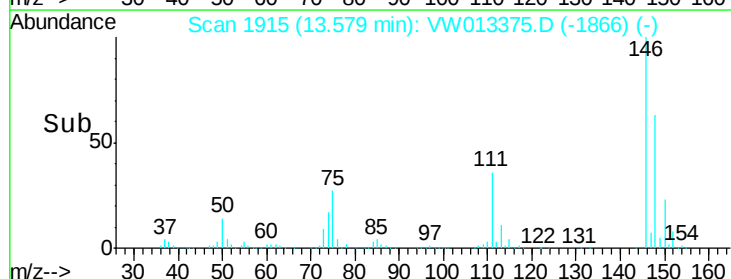
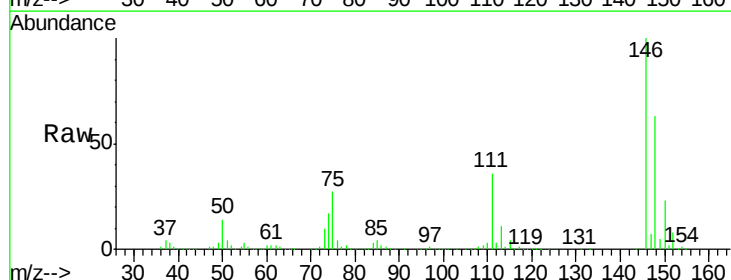
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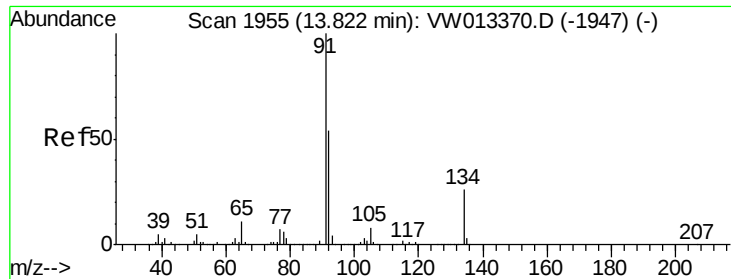
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#88
 1,4-Dichlorobenzene
 Concen: 48.618 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.4	55.0
148	63.3	32.1	96.3





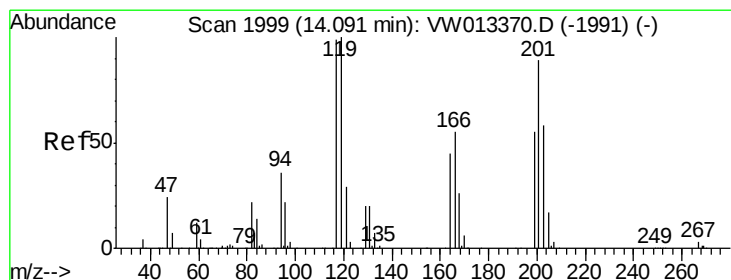
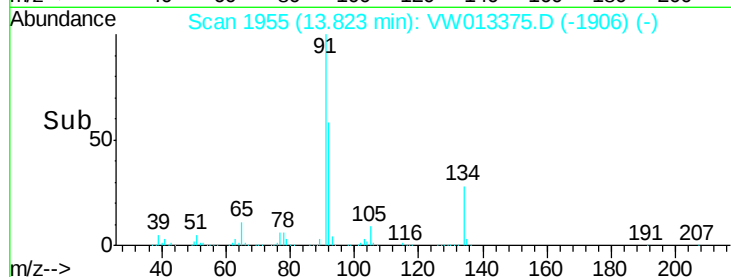
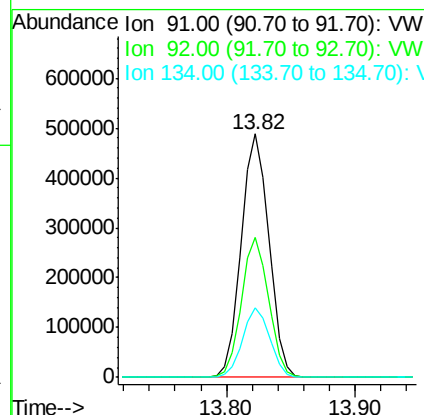
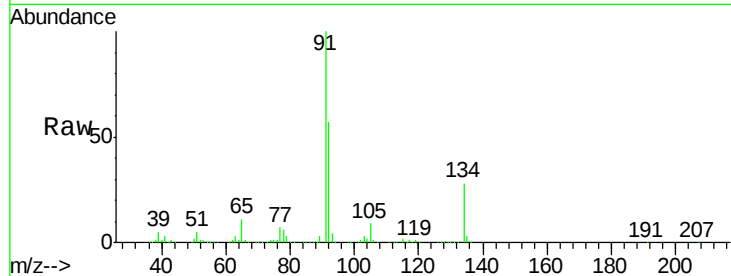
#89
n-Butylbenzene
Concen: 51.247 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.3	27.6	82.8
134	27.8	13.7	41.1

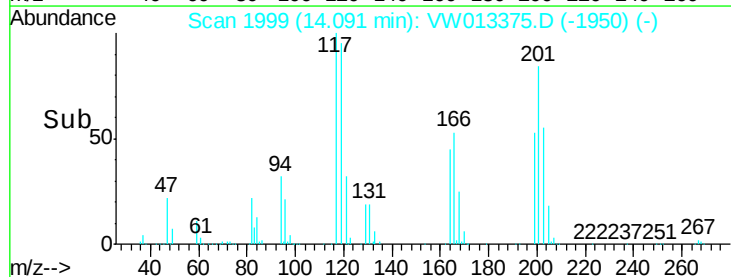
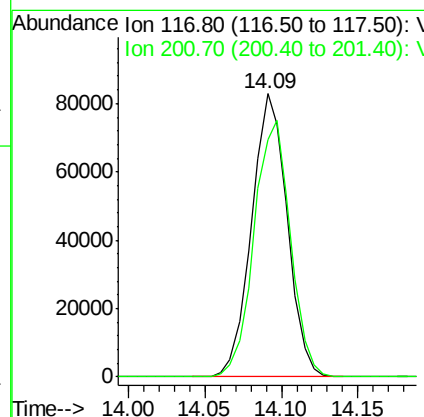
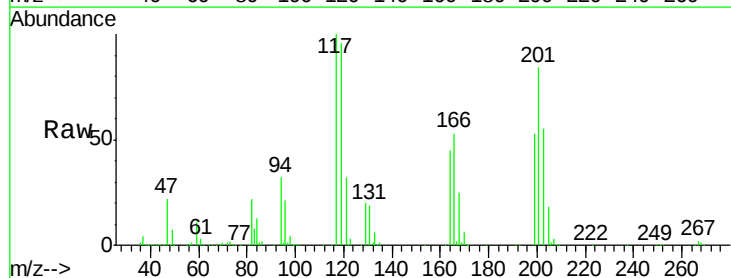
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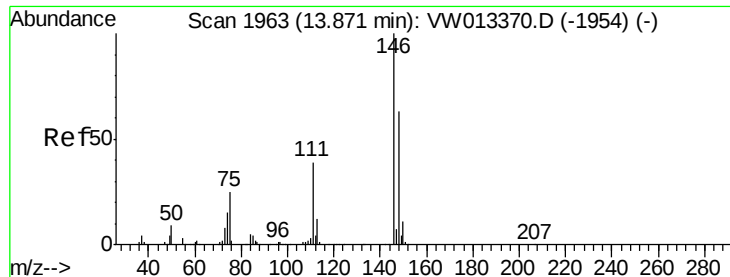
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#90
Hexachloroethane
Concen: 51.608 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.4	44.5	133.5





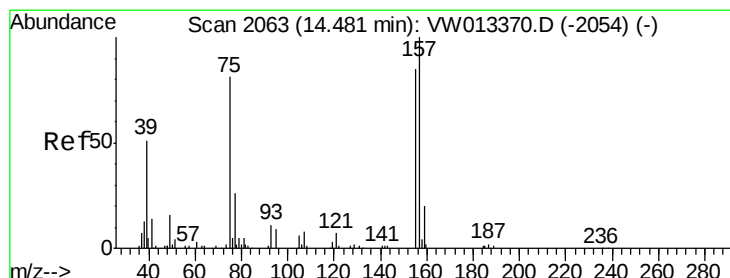
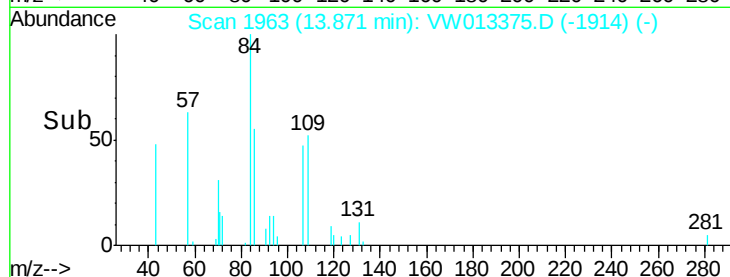
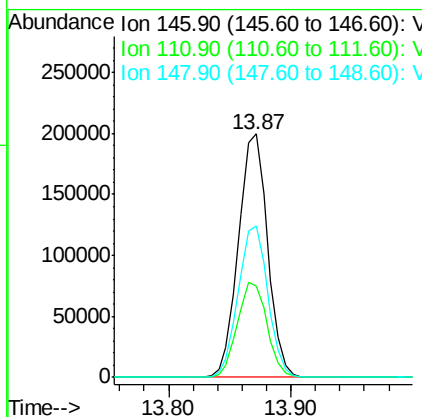
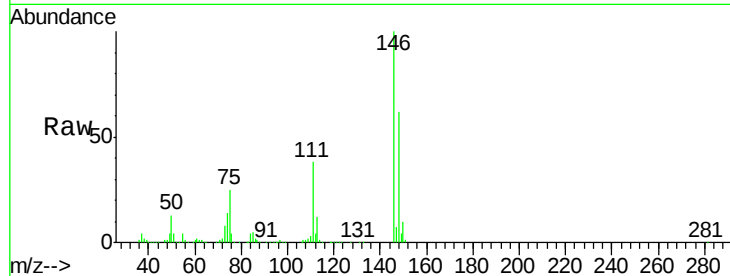
#91
 1,2-Dichlorobenzene
 Concen: 48.659 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.1	60.3
148	63.1	32.0	96.0

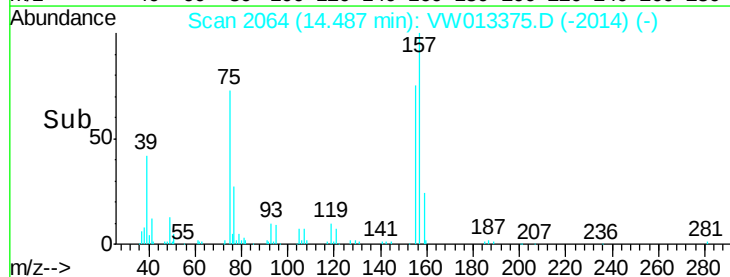
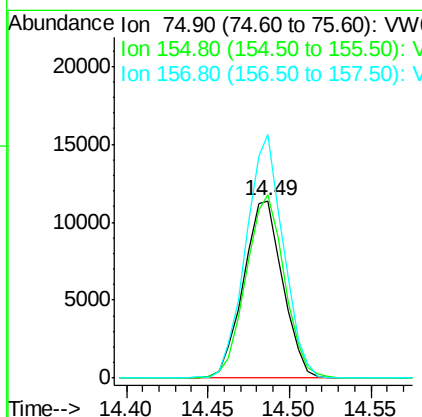
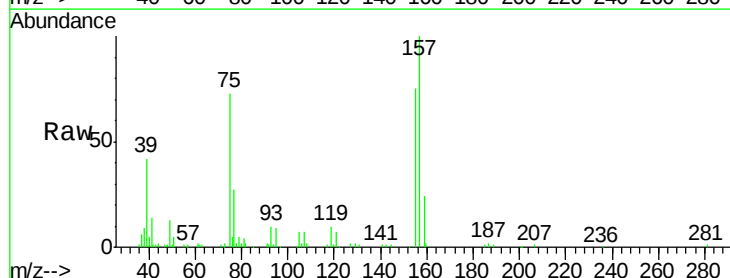
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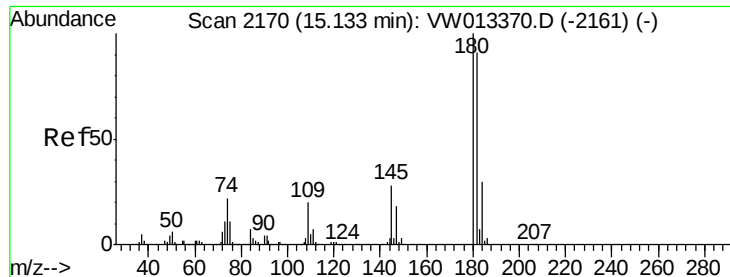
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.179 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.2	46.1	138.3
157	131.6	60.4	181.2





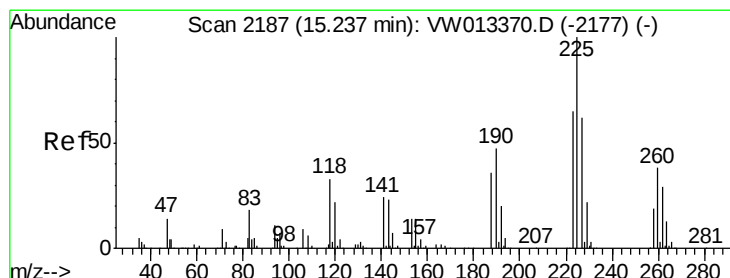
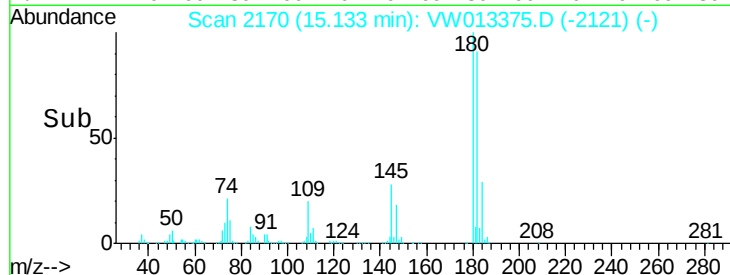
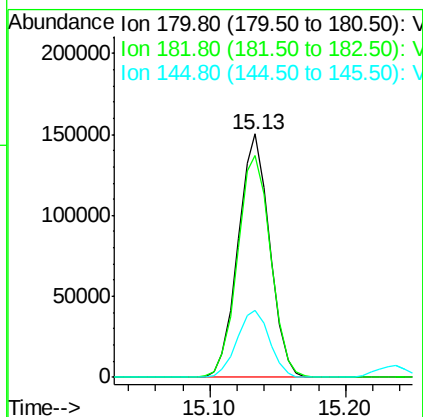
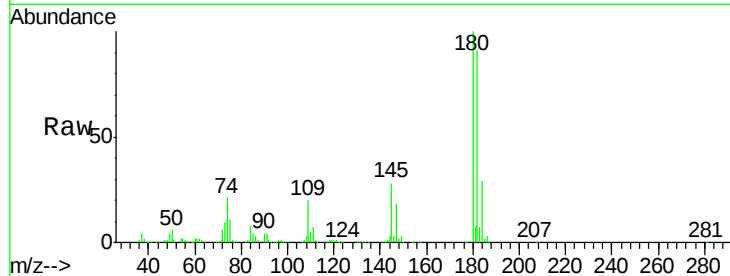
#93
 1,2,4-Trichlorobenzene
 Concen: 49.911 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	242925		
182	95.6	47.3	142.0	
145	28.7	14.2	42.8	

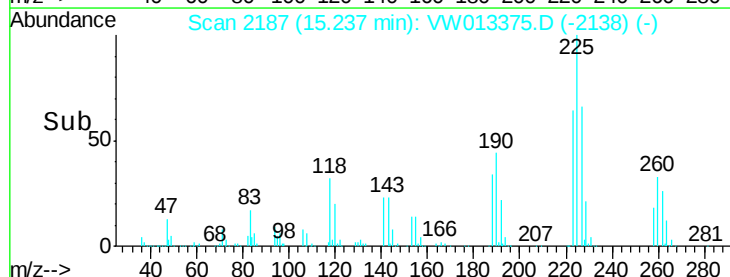
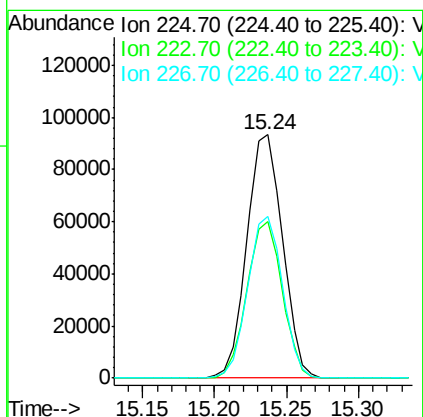
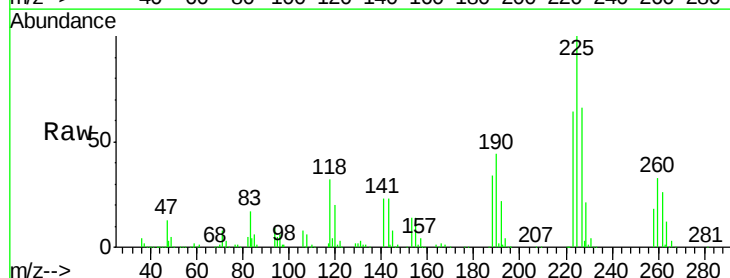
Manual Integrations
 APPROVED

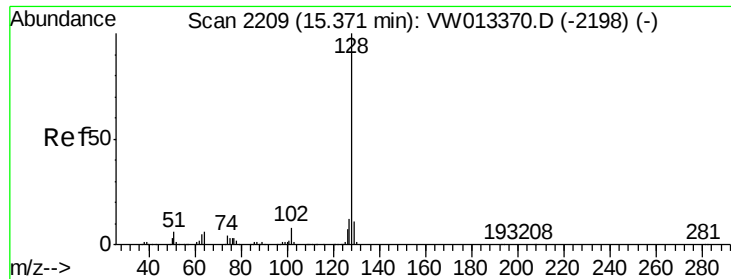
MMDadoda
 10/4/2019 12:11:23 PM



#94
 Hexachlorobutadiene
 Concen: 50.546 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW013375.D
 Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	159813		
223	63.7	30.6	91.8	
227	64.8	31.9	95.9	





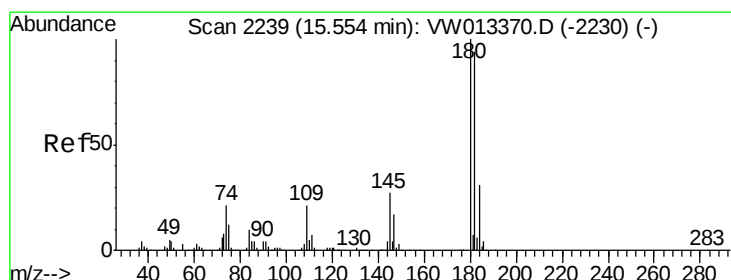
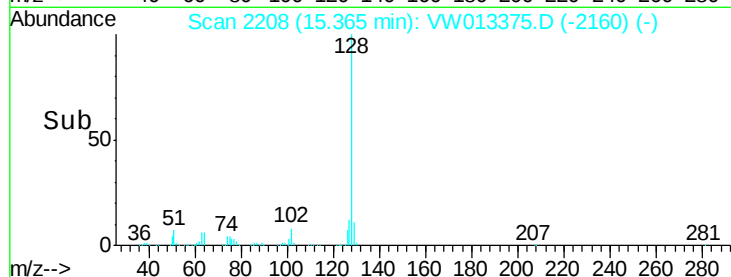
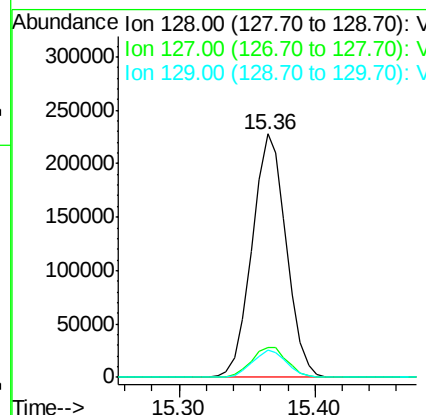
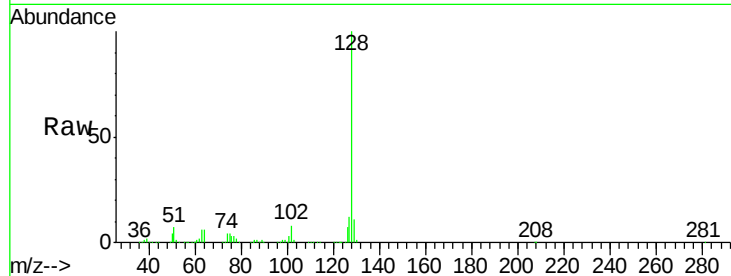
#95
Naphthalene
Concen: 48.775 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	400465		
127	13.1		10.6	15.8
129	11.1		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/4/2019 12:11:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.576 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW013375.D
Acq: 02 Oct 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	210675		
182	97.0		47.9	143.7
145	29.6		15.0	45.0

