

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102419\
 Data File : VW013710.D
 Acq On : 24 Oct 2019 14:02
 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
 10/25/2019 4:47:17 PM

Quant Time: Oct 25 08:04:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	309512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	434907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	189492	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	118847	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.88	113	124344	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	10.32	98	515237	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.62	95	172766	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	67758	41.554	ug/l	97
3) Chloromethane	2.21	50	82933	47.325	ug/l	97
4) Vinyl Chloride	2.37	62	132501	50.067	ug/l	98
5) Bromomethane	2.78	94	88143	50.641	ug/l	94
6) Chloroethane	2.93	64	80155	50.054	ug/l	98
7) Trichlorofluoromethane	3.26	101	87160	52.727	ug/l	100
8) Diethyl Ether	3.68	74	64962	48.642	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	134657	50.109	ug/l	99
10) Methyl Iodide	4.28	142	217110	49.579	ug/l	99
11) Tert butyl alcohol	5.19	59	31587	227.886	ug/l	99
12) 1,1-Dichloroethene	4.04	96	139620	50.298	ug/l	97
13) Acrolein	3.90	56	37572	236.600	ug/l	100
14) Allyl chloride	4.67	41	210070	49.216	ug/l	99
15) Acrylonitrile	5.37	53	137498	253.196	ug/l	97
16) Acetone	4.13	43	117542	238.759	ug/l	98
17) Carbon Disulfide	4.38	76	400593	50.250	ug/l	100
18) Methyl Acetate	4.67	43	62611	46.395	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	167149	50.179	ug/l	96
20) Methylene Chloride	4.92	84	142881	53.039	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	150628	50.417	ug/l	98
22) Diisopropyl ether	6.31	45	388881	49.947	ug/l	97
23) Vinyl Acetate	6.25	43	1119899	247.893	ug/l	98
24) 1,1-Dichloroethane	6.21	63	243885	49.460	ug/l	99
25) 2-Butanone	7.17	43	169793	239.895	ug/l	97
26) 2,2-Dichloropropane	7.16	77	138685	48.638	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	156460	49.305	ug/l	99
28) Bromochloromethane	7.51	49	89368	50.846	ug/l #	98
29) Tetrahydrofuran	7.53	42	106866	243.881	ug/l	99
30) Chloroform	7.68	83	241800	49.605	ug/l	99
31) Cyclohexane	7.96	56	245531	47.581	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	194163	50.759	ug/l	100
36) 1,1-Dichloropropene	8.08	75	206665	51.024	ug/l	98
37) Ethyl Acetate	7.25	43	73299	47.276	ug/l	99
38) Carbon Tetrachloride	8.07	117	185911	50.972	ug/l	97

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MMDadoda
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	263821	50.438	ug/l	99
40) Benzene	8.32	78	569761	49.707	ug/l	99
41) Methacrylonitrile	7.48	41	44980	46.522	ug/l	98
42) 1,2-Dichloroethane	8.40	62	144579	50.054	ug/l	100
43) Isopropyl Acetate	8.42	43	144547	48.705	ug/l	100
44) Trichloroethene	9.09	130	164725	50.169	ug/l	99
45) 1,2-Dichloropropane	9.37	63	135217	49.387	ug/l	97
46) Dibromomethane	9.46	93	66445	50.002	ug/l	99
47) Bromodichloromethane	9.65	83	172792	50.255	ug/l	99
48) Methyl methacrylate	9.43	41	72819	49.479	ug/l	98
49) 1,4-Dioxane	9.46	88	20580	1048.051	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	364394	247.089	ug/l	98
52) Toluene	10.39	92	371997	50.312	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	174808	50.222	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	214707	49.997	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	96899	48.928	ug/l	98
56) Ethyl methacrylate	10.65	69	123587	49.878	ug/l	99
57) 1,3-Dichloropropane	10.93	76	167888	49.400	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	292855	256.809	ug/l	99
59) 2-Hexanone	10.97	43	251572	247.443	ug/l	99
60) Dibromochloromethane	11.13	129	117440	49.945	ug/l	100
61) 1,2-Dibromoethane	11.24	107	92607	49.427	ug/l	99
64) Tetrachloroethene	10.86	164	142508	50.439	ug/l	98
65) Chlorobenzene	11.66	112	380623	50.089	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	135389	51.052	ug/l	99
67) Ethyl Benzene	11.73	91	701489	51.196	ug/l	100
68) m/p-Xylenes	11.84	106	535301	101.117	ug/l	100
69) o-Xylene	12.16	106	245656	50.485	ug/l	99
70) Styrene	12.18	104	434829	52.011	ug/l	99
71) Bromoform	12.35	173	69279	49.779	ug/l #	97
73) Isopropylbenzene	12.46	105	697587	51.263	ug/l	100
74) N-amyl acetate	12.27	43	131532	49.967	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	105984	49.354	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	67107m	49.314	ug/l	
77) Bromobenzene	12.75	156	163113	50.177	ug/l	98
78) n-propylbenzene	12.80	91	813589	51.655	ug/l	99
79) 2-Chlorotoluene	12.89	91	450532	50.901	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	587113	51.109	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	35339	49.078	ug/l	99
82) 4-Chlorotoluene	12.99	91	471078	50.695	ug/l	99
83) tert-Butylbenzene	13.21	119	521118	51.106	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	588686	51.950	ug/l	99
85) sec-Butylbenzene	13.38	105	725010	51.996	ug/l	100
86) p-Isopropyltoluene	13.50	119	667080	51.359	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	317663	50.435	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	312686	49.972	ug/l	99
89) n-Butylbenzene	13.82	91	609150	51.958	ug/l	100
90) Hexachloroethane	14.10	117	114451	50.695	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	277055	50.731	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16008	49.298	ug/l	95

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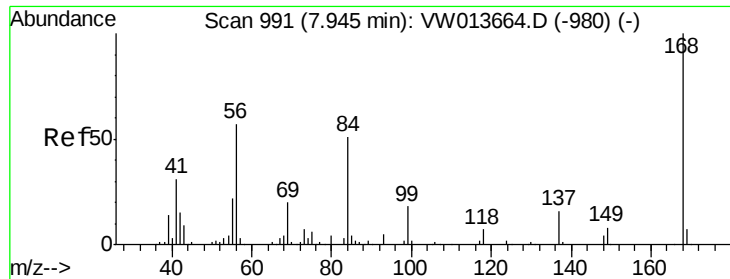
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	198461	49.934	ug/l	98
94) Hexachlorobutadiene	15.24	225	135357	50.448	ug/l	99
95) Naphthalene	15.36	128	321066	51.524	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	170672	49.836	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 309512

Ion Ratio Lower Upper

168 100

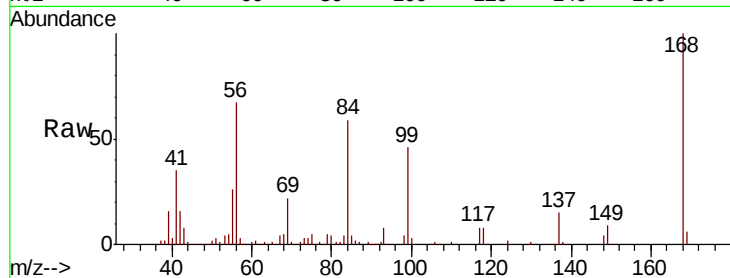
99 45.9 39.0 58.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

100000

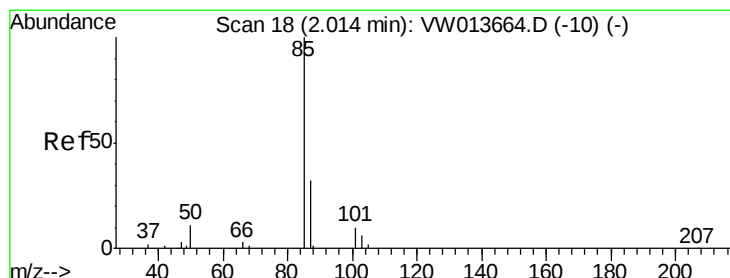
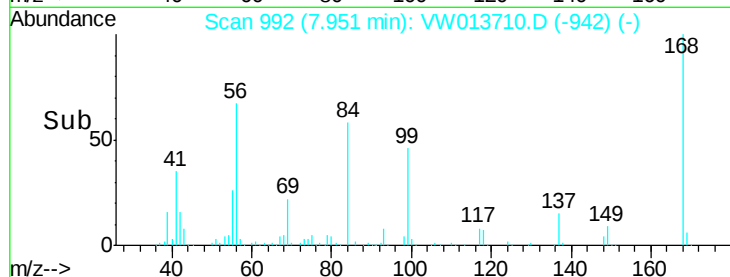
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 41.554 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW013710.D

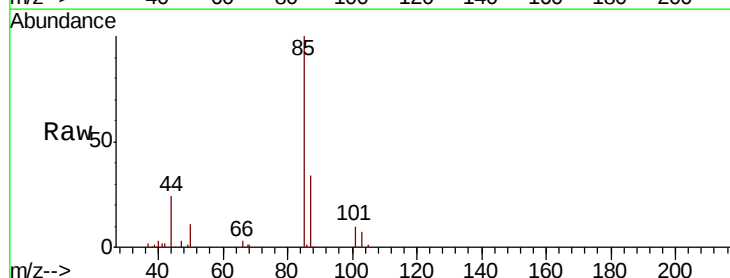
Acq: 24 Oct 2019 14:02

Tgt Ion: 85 Resp: 67758

Ion Ratio Lower Upper

85 100

87 33.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

15000

10000

5000

0

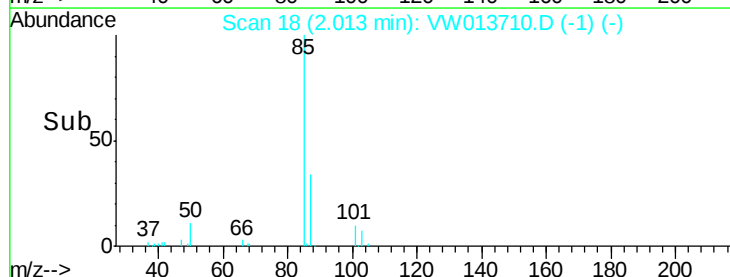
1.90

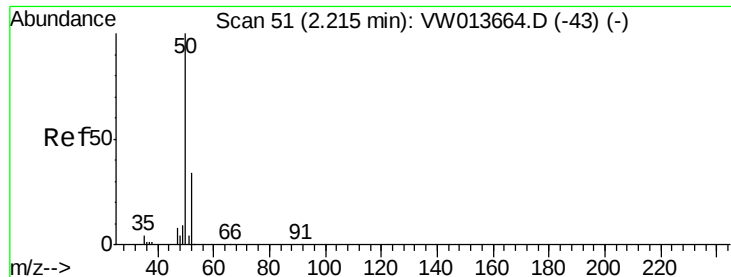
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 47.325 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 82933

Ion Ratio Lower Upper

50 100

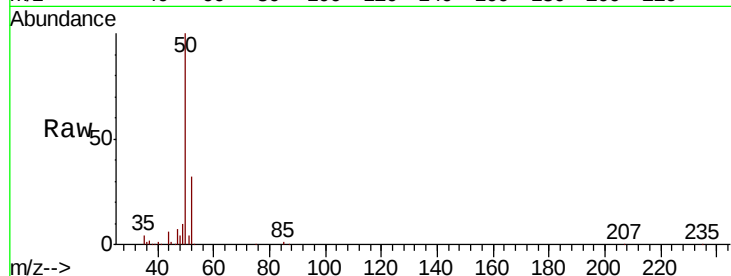
52 31.6 26.9 40.3

Manual Integrations

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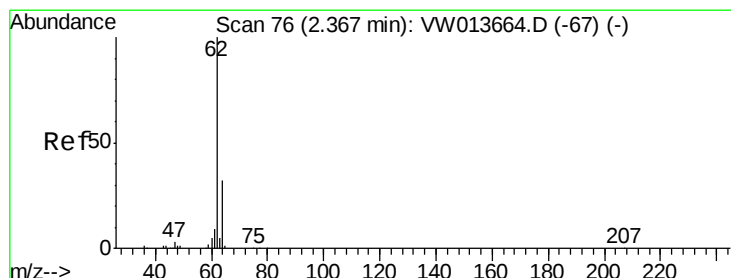
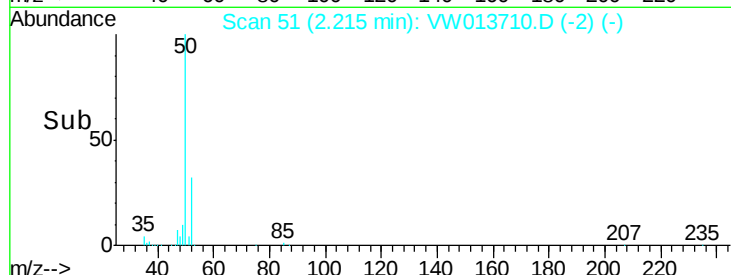
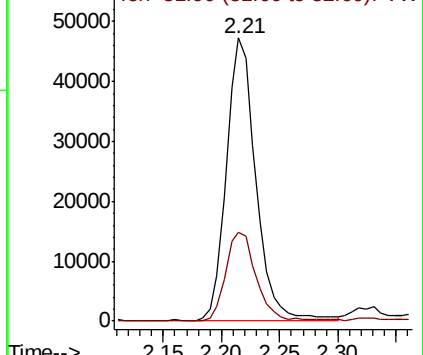
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 50.067 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW013710.D

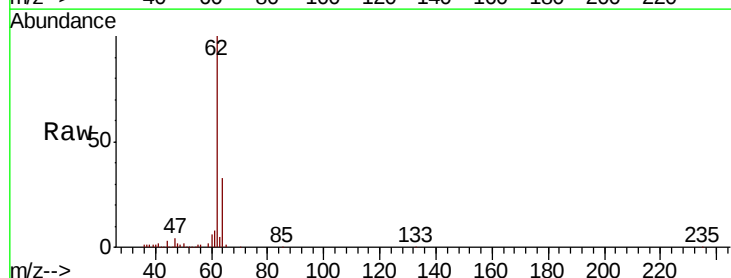
Acq: 24 Oct 2019 14:02

Tgt Ion: 62 Resp: 132501

Ion Ratio Lower Upper

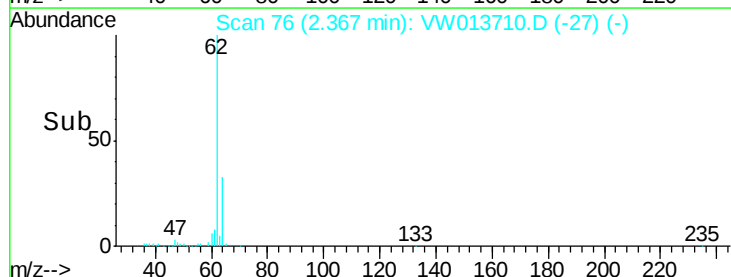
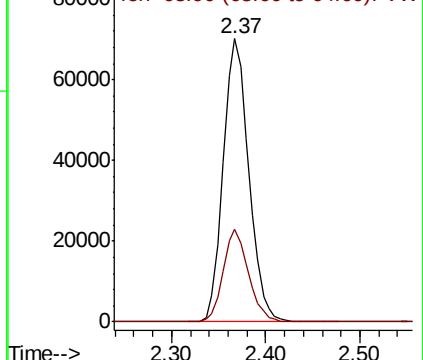
62 100

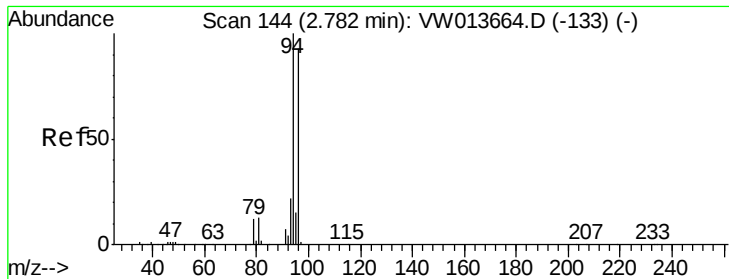
64 32.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 50.641 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 88143

Ion Ratio Lower Upper

94 100

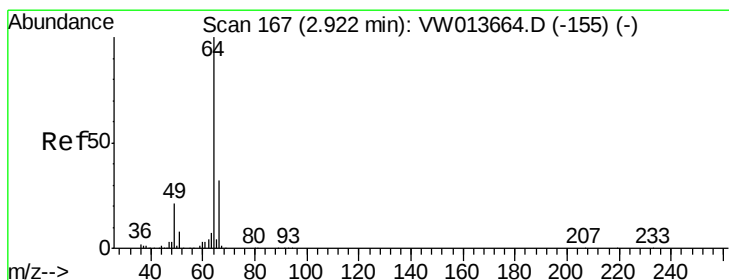
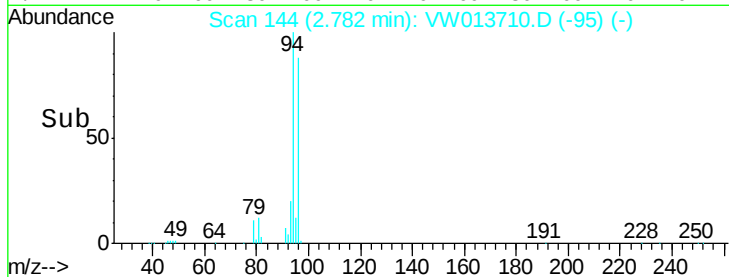
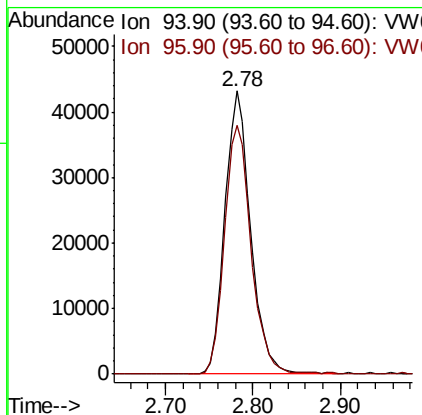
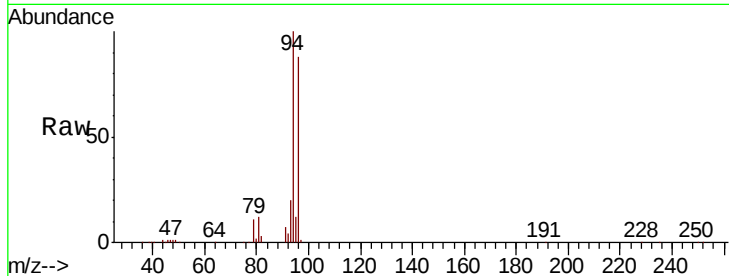
96 87.9 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 50.054 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW013710.D

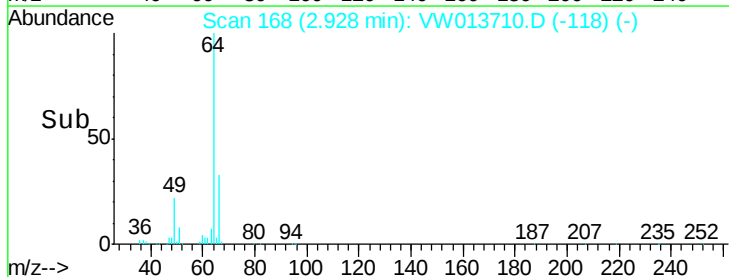
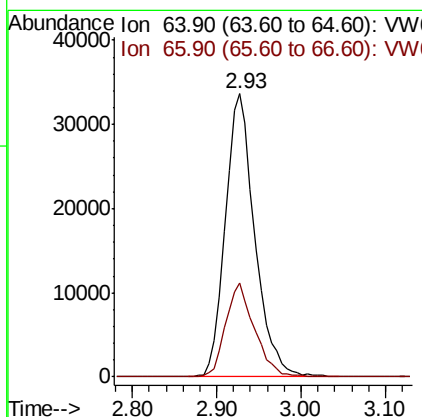
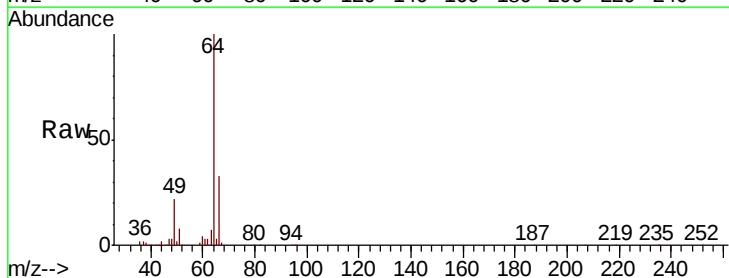
Acq: 24 Oct 2019 14:02

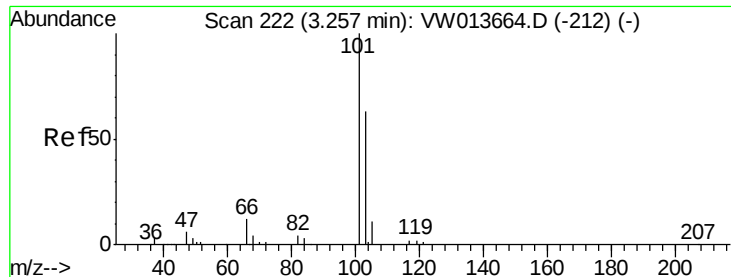
Tgt Ion: 64 Resp: 80155

Ion Ratio Lower Upper

64 100

66 33.0 25.4 38.0





#7

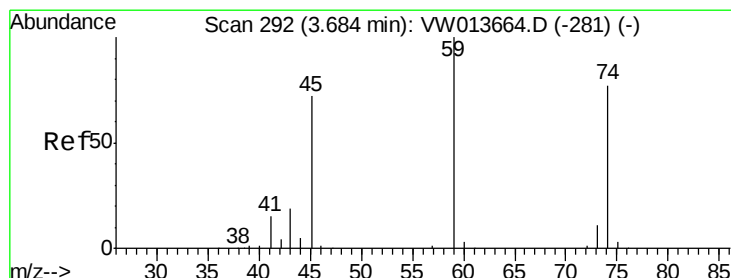
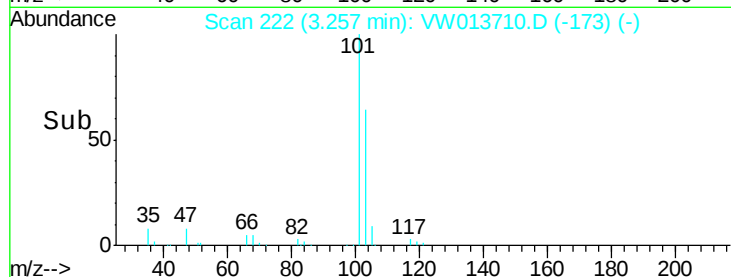
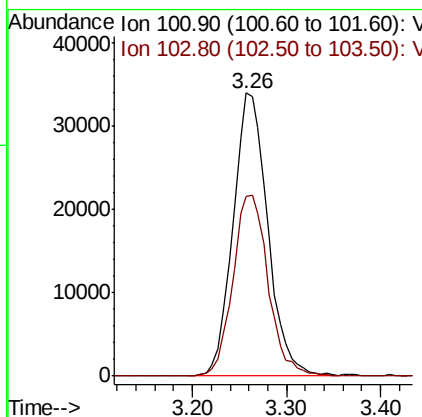
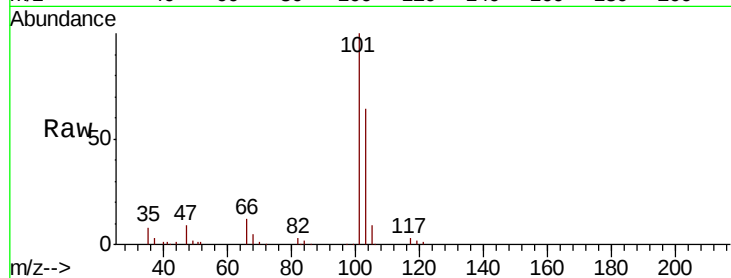
Trichlorofluoromethane
 Concen: 52.727 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	50.6	76.0

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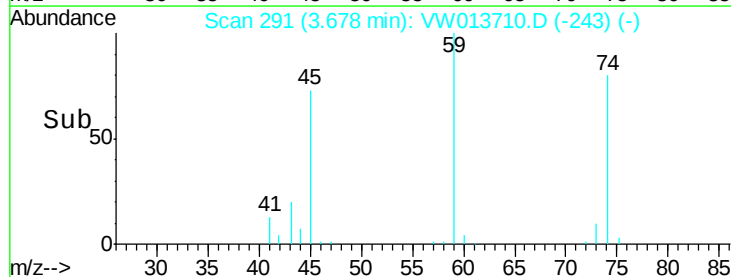
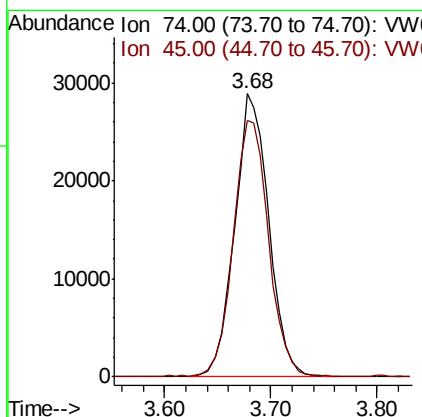
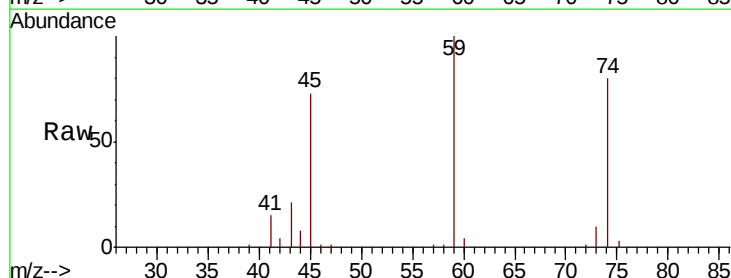
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 10/25/2019 4:47:17 PM

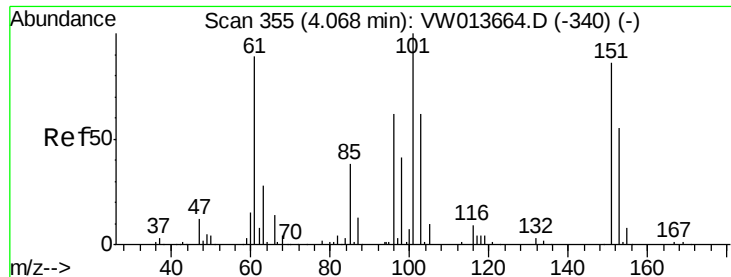


#8

Diethyl Ether
 Concen: 48.642 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.9	47.9	143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.109 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Instrument :

MSVOA_W

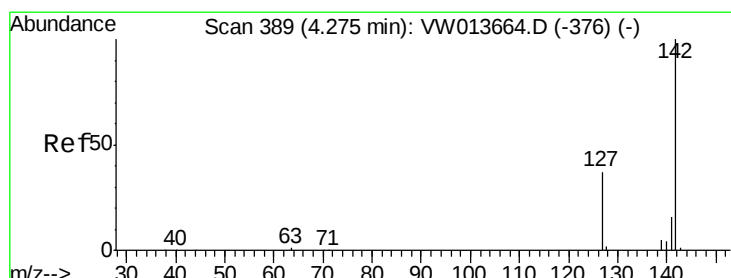
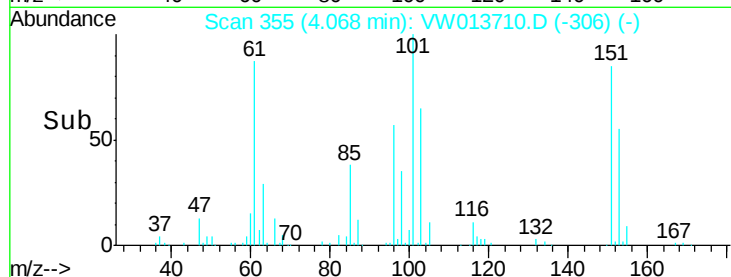
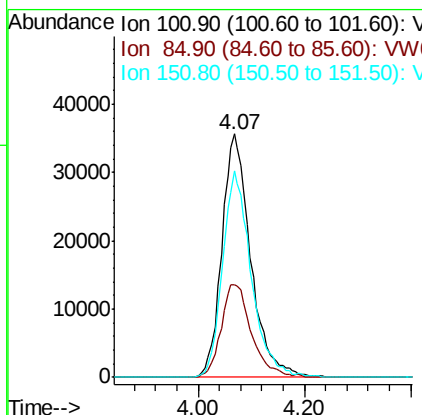
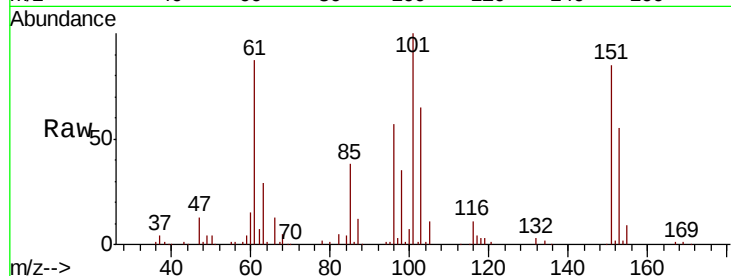
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	134657
Ion Ratio	Lower	Upper	
101	100		
85	40.3	31.0	46.6
151	84.6	68.2	102.4

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#10

Methyl Iodide

Concen: 49.579 ug/l

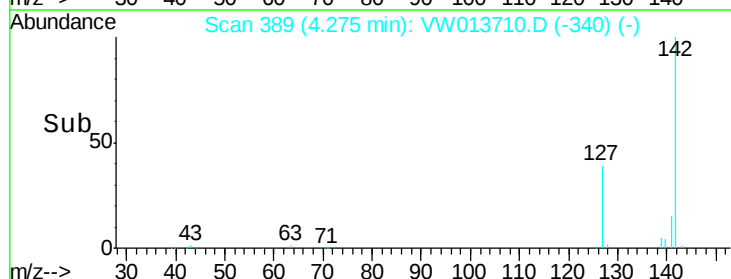
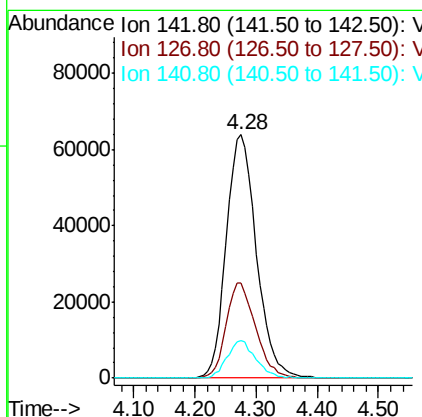
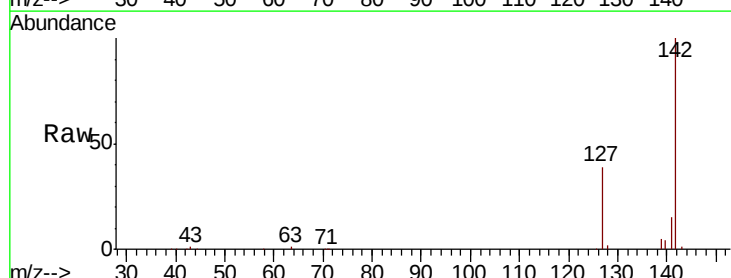
RT: 4.28 min Scan# 389

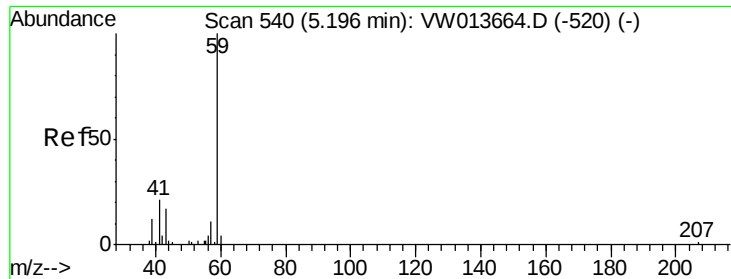
Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Tgt Ion:	142	Resp:	217110
Ion Ratio	Lower	Upper	
142	100		
127	38.4	30.3	45.5
141	14.6	11.8	17.8





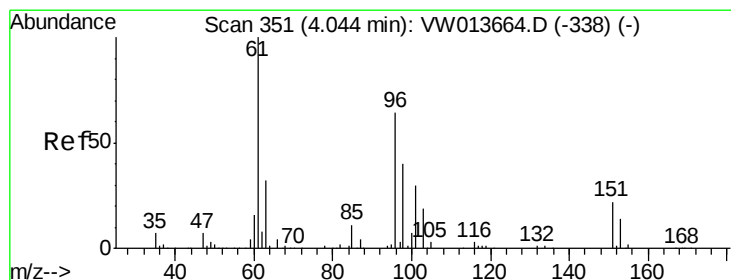
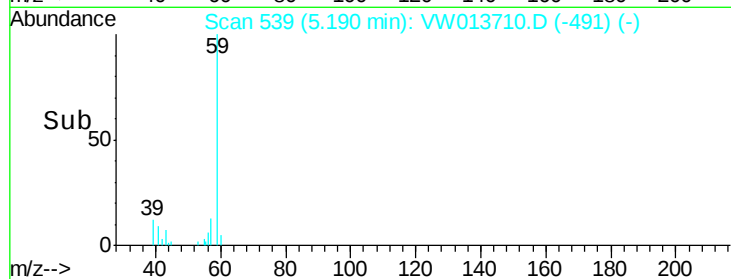
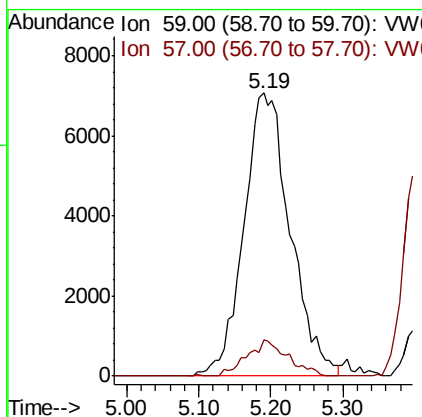
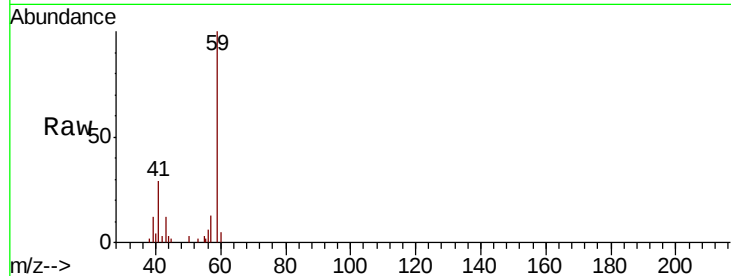
#11
Tert butyl alcohol
Concen: 227.886 ug/l
RT: 5.19 min Scan# 539
Delta R.T. -0.01 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.8	13.2

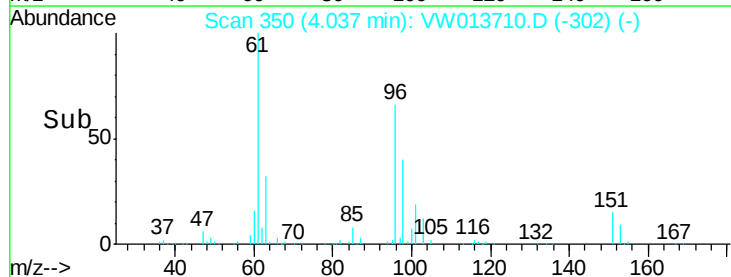
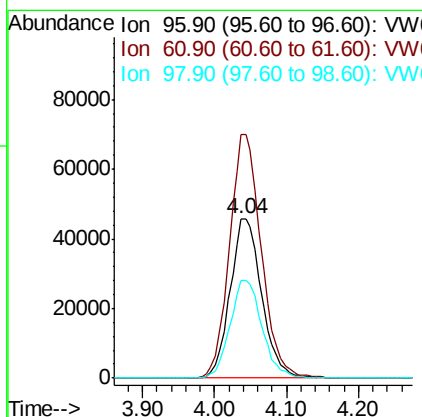
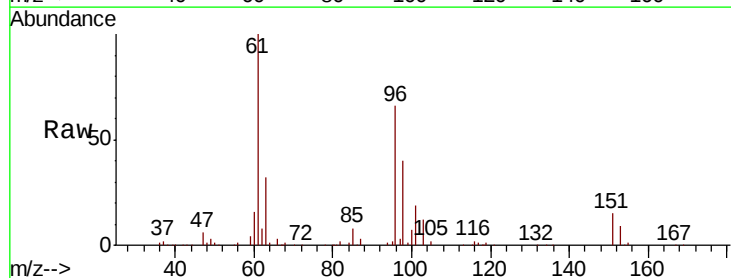
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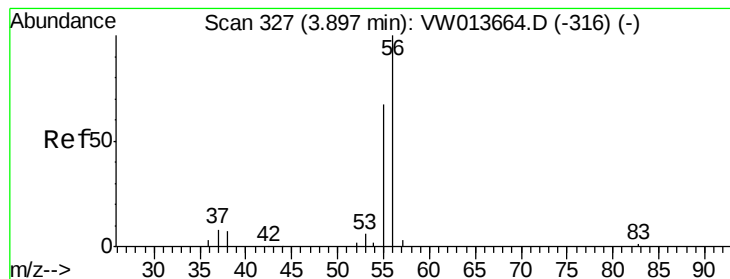
MMDadoda
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#12
1,1-Dichloroethene
Concen: 50.298 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.4	125.0	187.6
98	61.1	50.3	75.5





#13

Acrolein

Concen: 236.600 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 37572

Ion Ratio Lower Upper

56 100

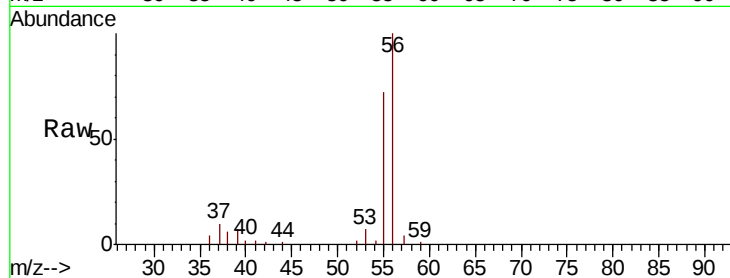
55 70.4 56.1 84.1

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.90

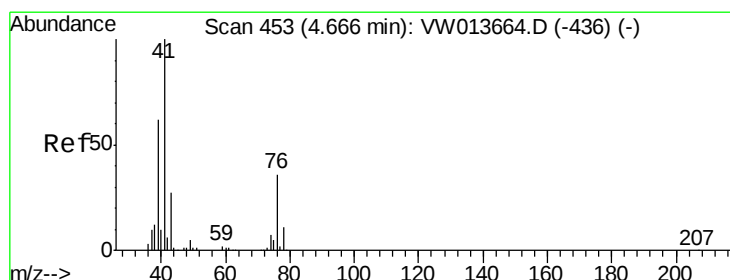
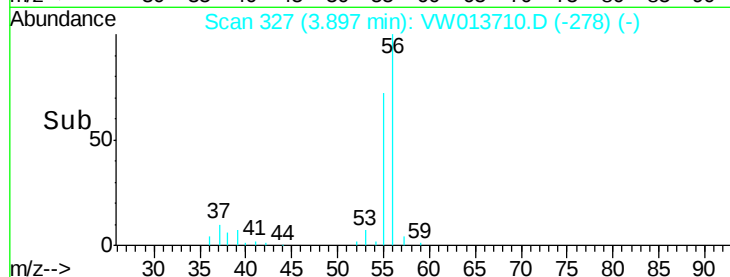
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 49.216 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

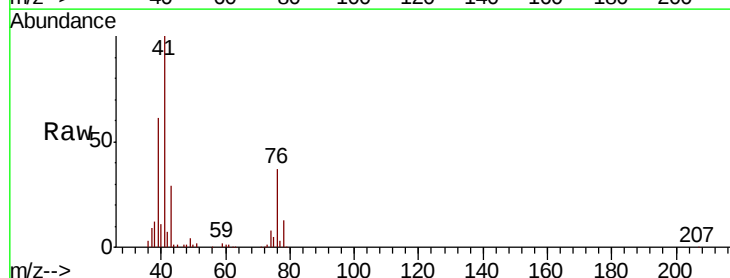
Tgt Ion: 41 Resp: 210070

Ion Ratio Lower Upper

41 100

39 61.7 50.0 75.0

76 36.9 29.6 44.4



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

120000

100000

80000

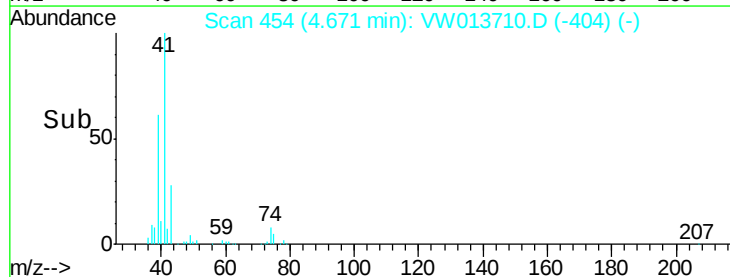
60000

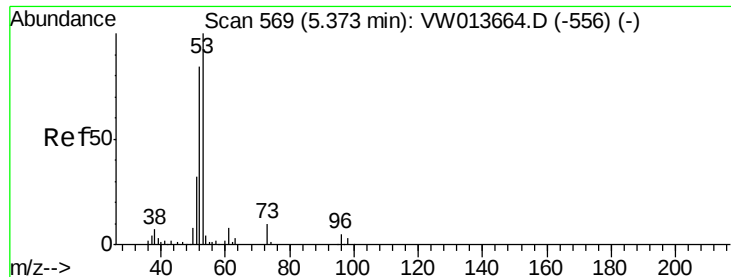
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 253.196 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Instrument :

MSVOA_W

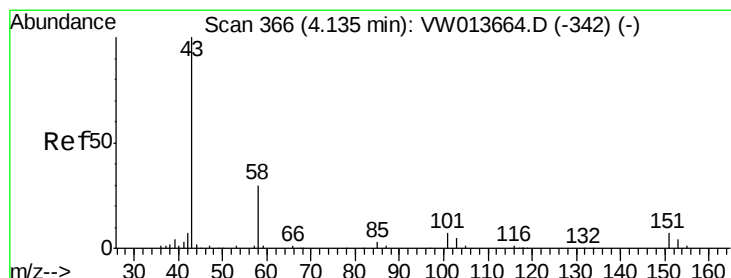
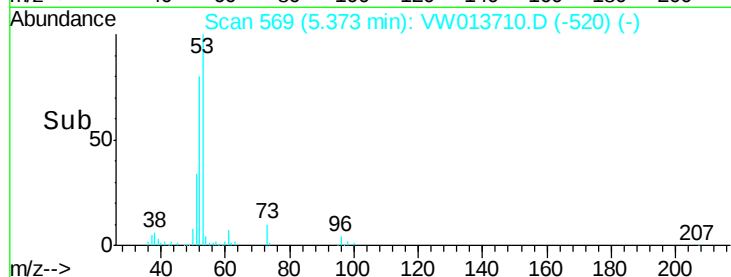
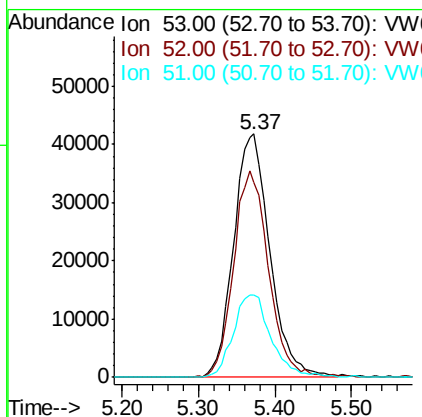
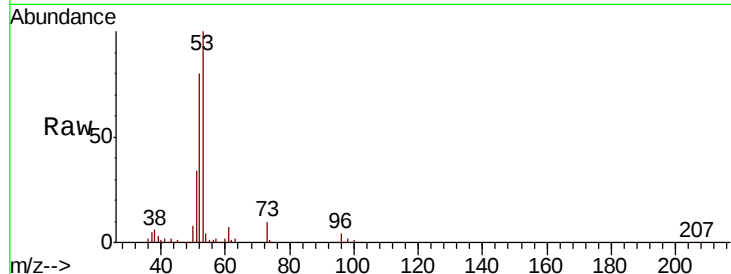
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	137498
Ion	Ratio	Lower	Upper
53	100		
52	81.6	67.4	101.0
51	35.3	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 238.759 ug/l

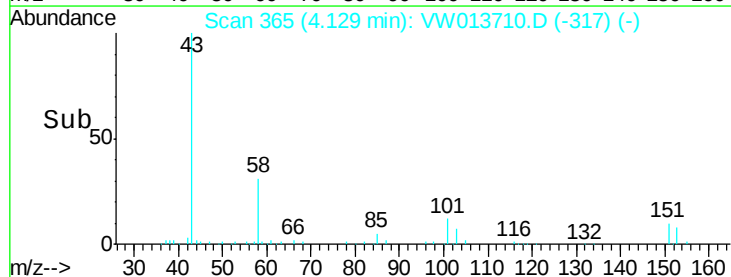
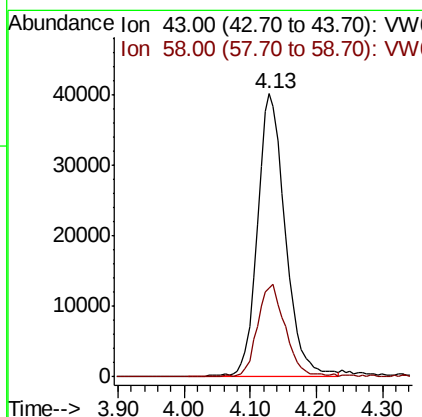
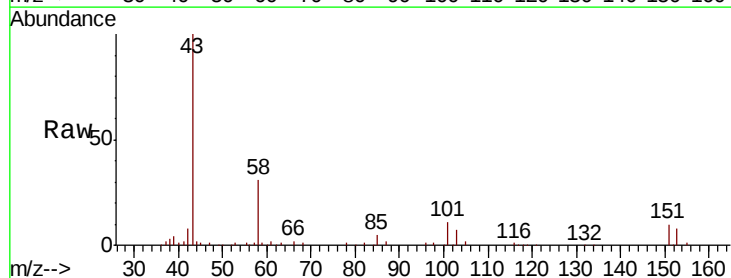
RT: 4.13 min Scan# 365

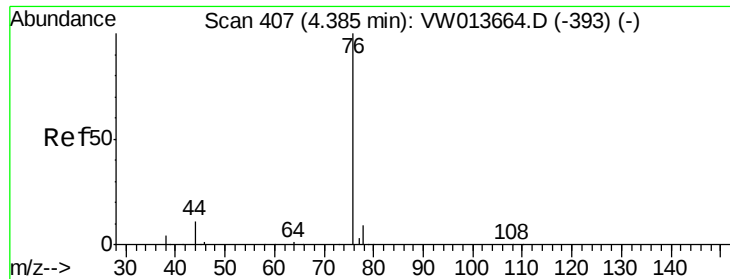
Delta R.T. -0.01 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Tgt Ion:	43	Resp:	117542
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.1	36.1





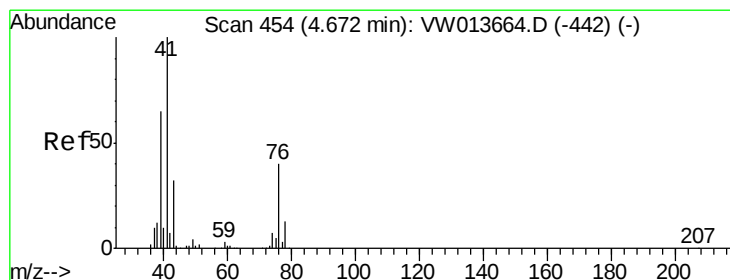
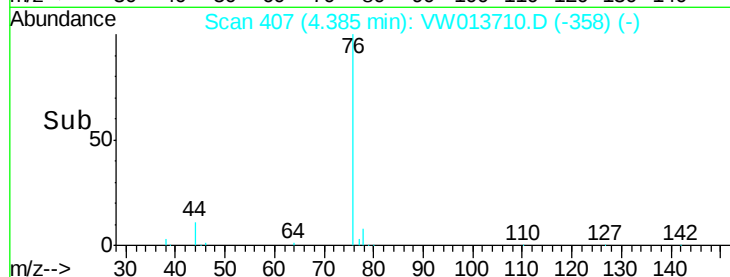
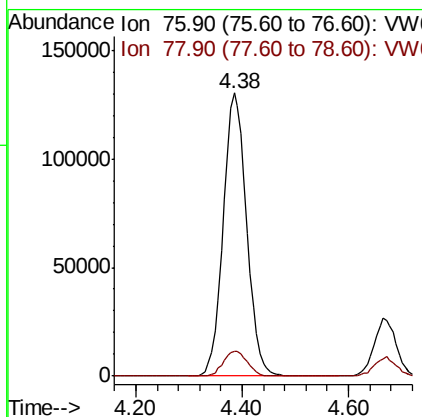
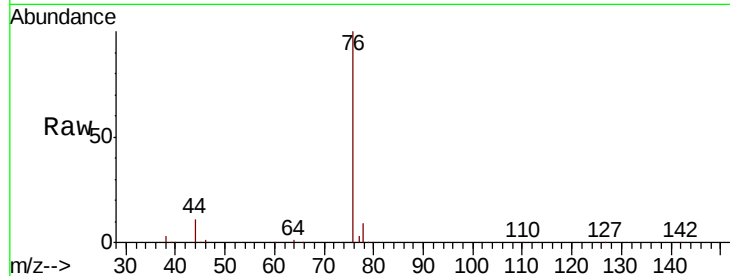
#17
Carbon Disulfide
Concen: 50.250 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

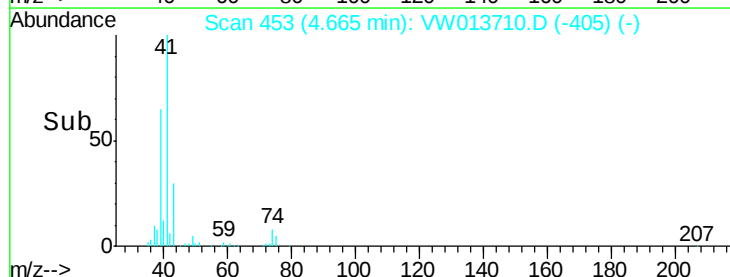
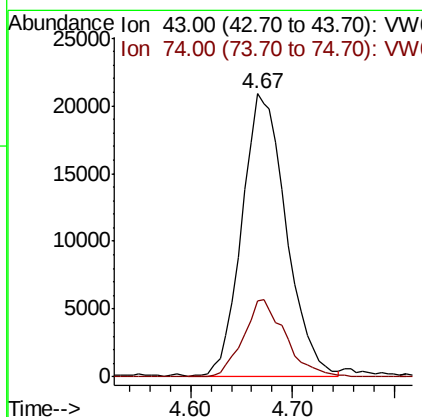
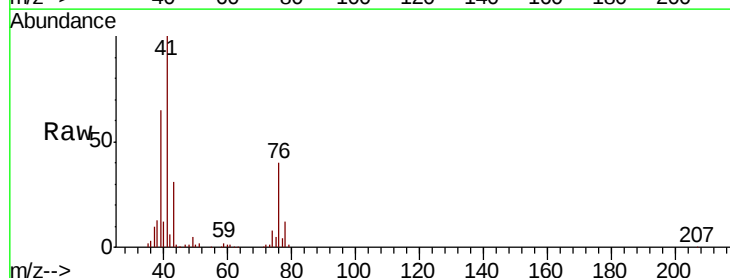
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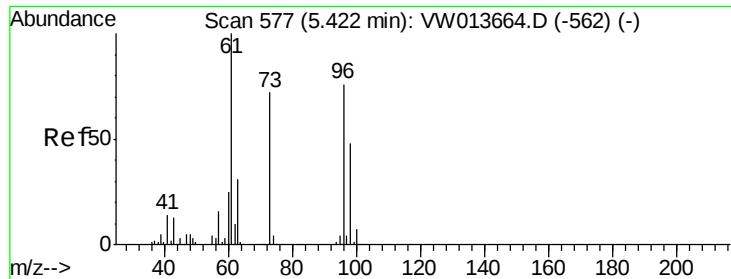
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#18
Methyl Acetate
Concen: 46.395 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.1	19.8	29.8





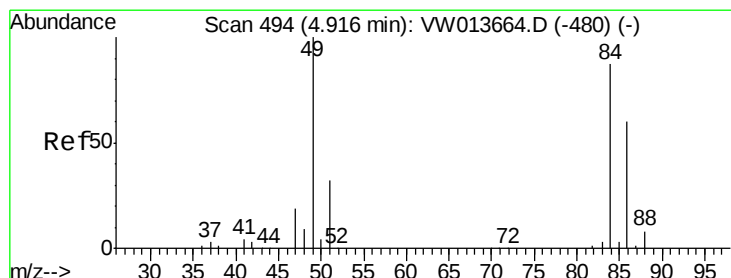
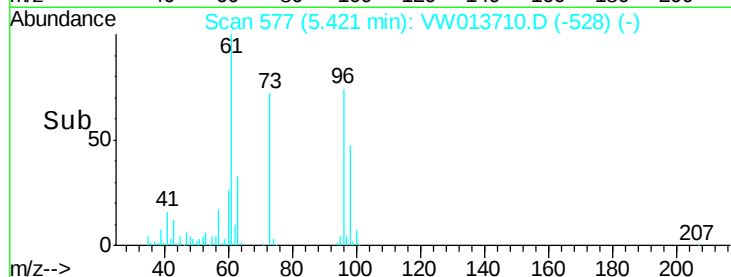
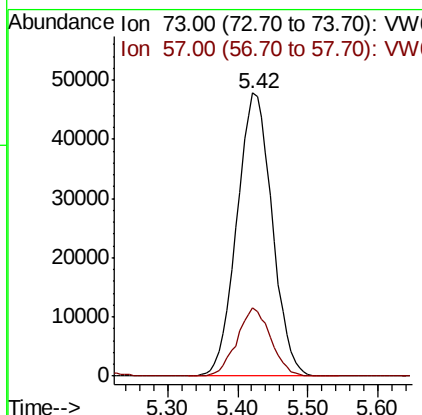
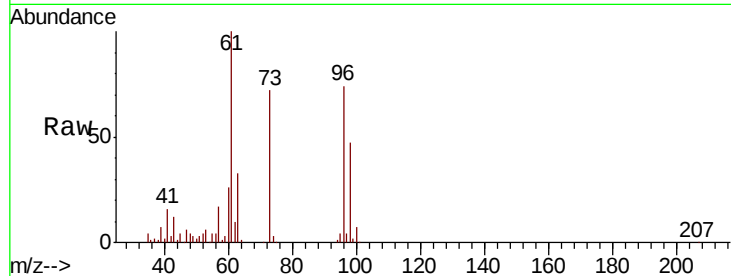
#19
Methyl tert-butyl Ether
Concen: 50.179 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 167149
Ion Ratio Lower Upper
73 100
57 24.0 17.6 26.4

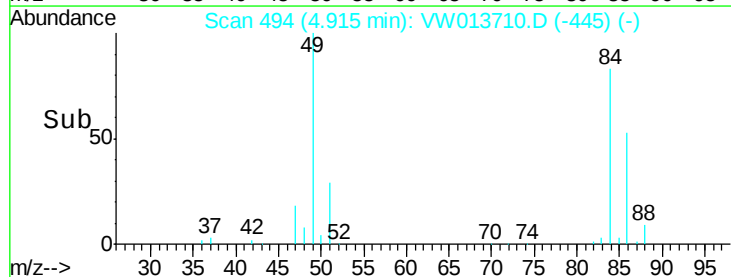
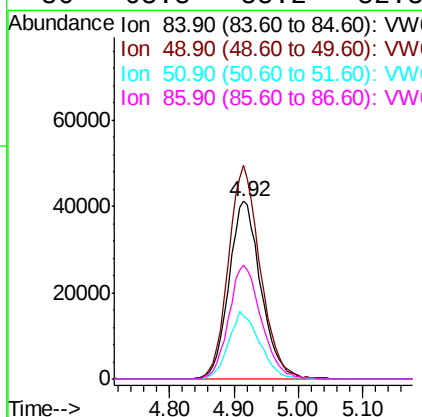
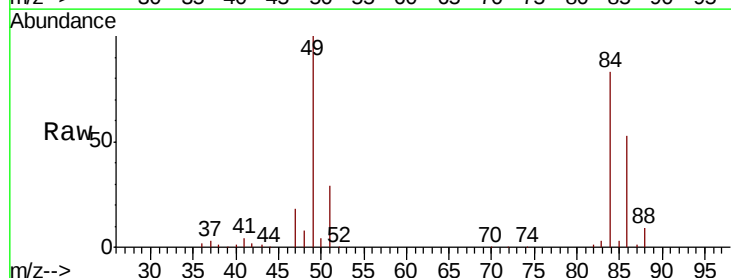
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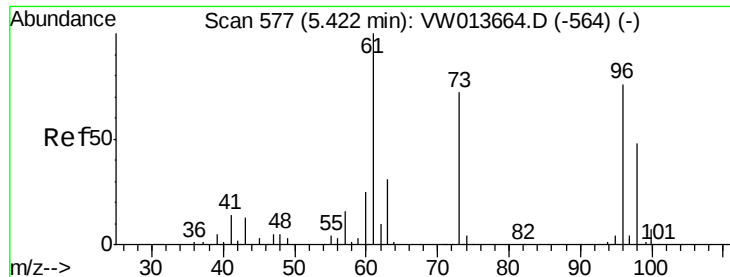
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#20
Methylene Chloride
Concen: 53.039 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion: 84 Resp: 142881
Ion Ratio Lower Upper
84 100
49 120.2 91.8 137.6
51 35.3 29.8 44.6
86 63.8 55.2 82.8





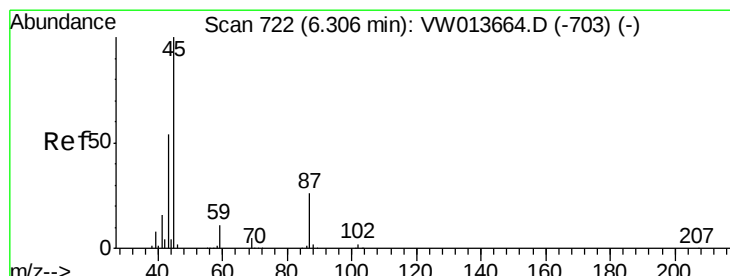
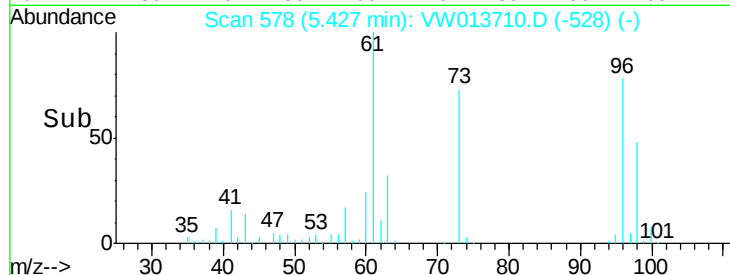
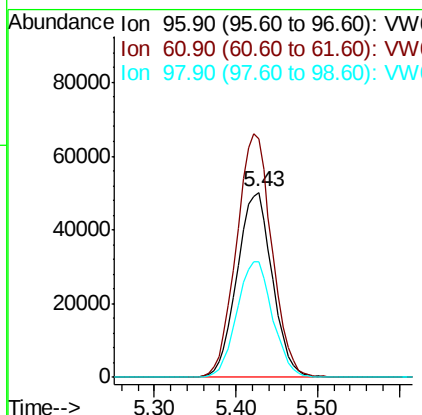
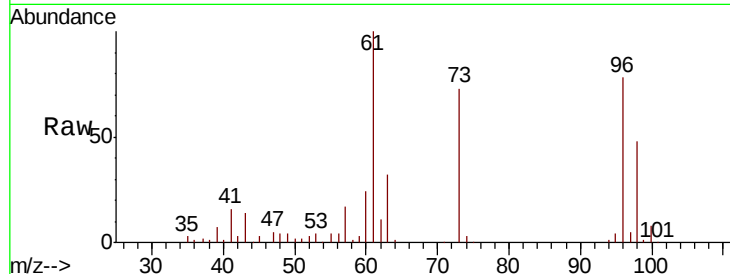
#21
trans-1,2-Dichloroethene
Concen: 50.417 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.9	104.8	157.2
98	62.3	50.6	76.0

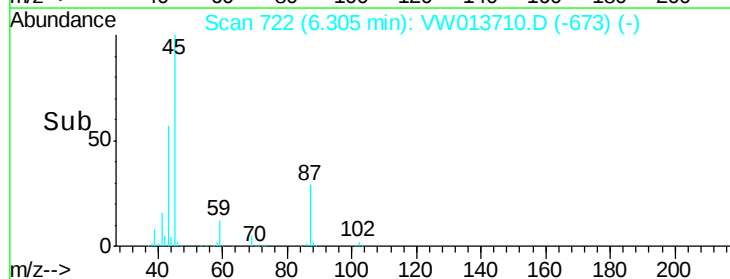
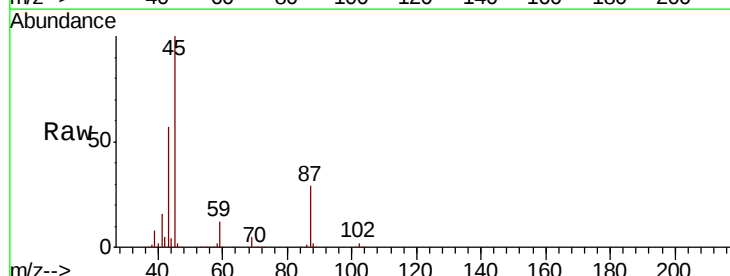
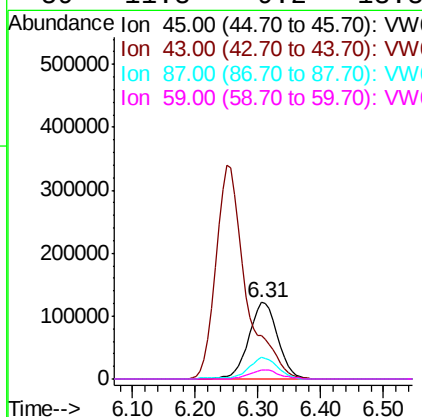
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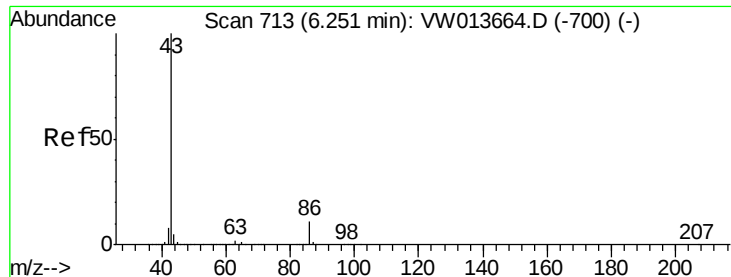
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#22
Diisopropyl ether
Concen: 49.947 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.7	43.4	65.2
87	29.0	21.5	32.3
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 247.893 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1119899

Ion Ratio Lower Upper

43 100

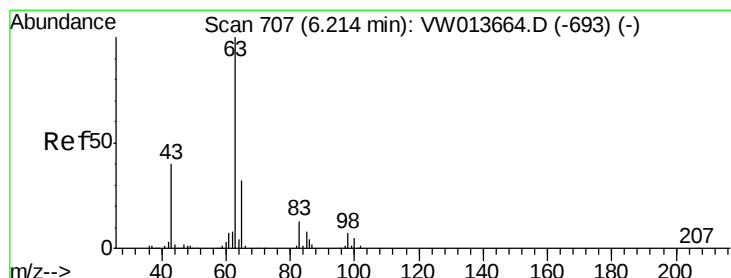
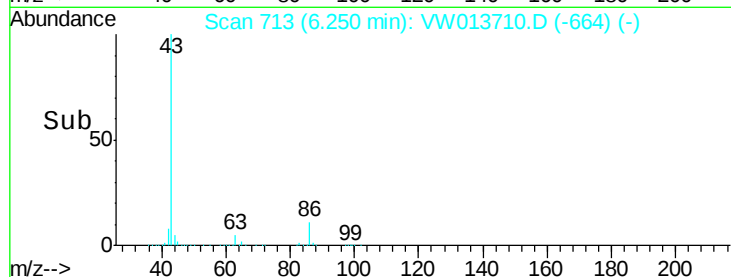
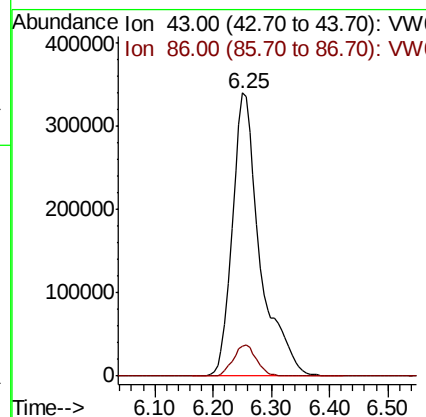
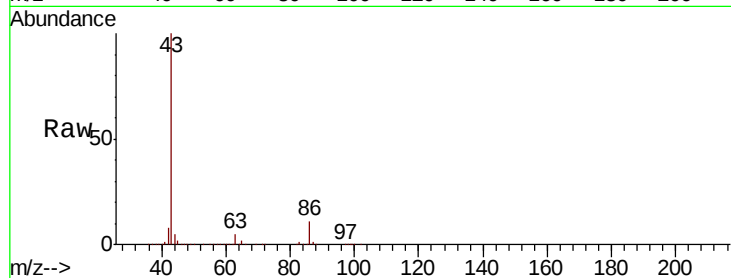
86 10.7 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 49.460 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

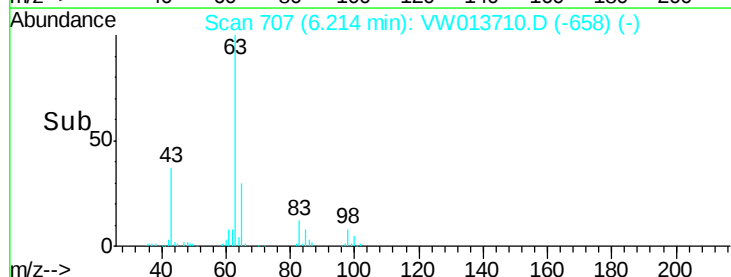
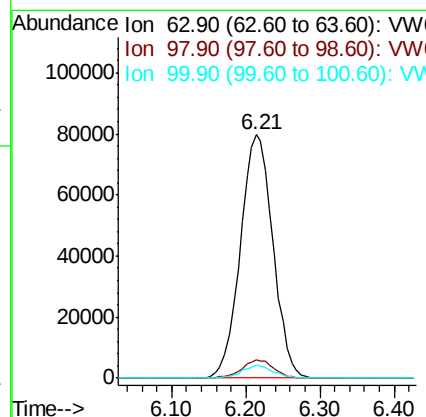
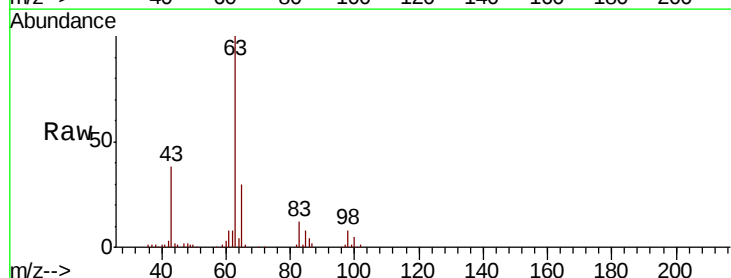
Tgt Ion: 63 Resp: 243885

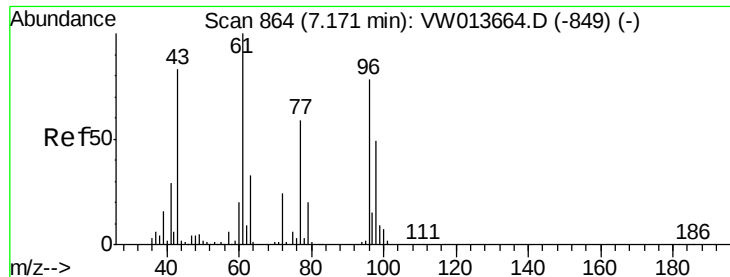
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 5.3 2.5 7.4





#25

2-Butanone

Concen: 239.895 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 169793

Ion Ratio Lower Upper

43 100

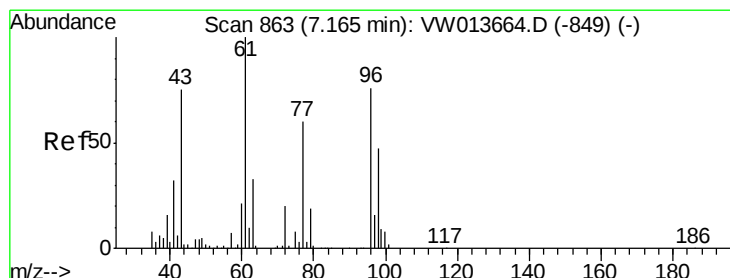
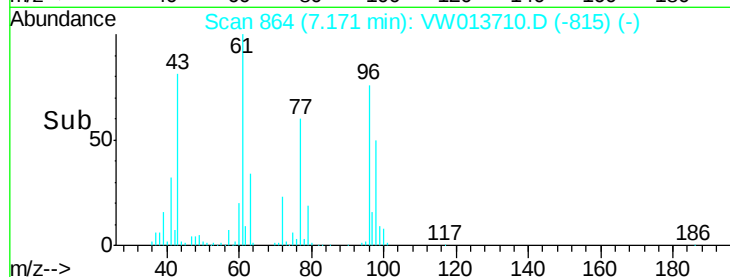
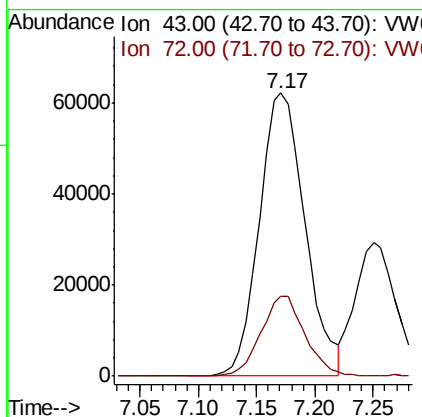
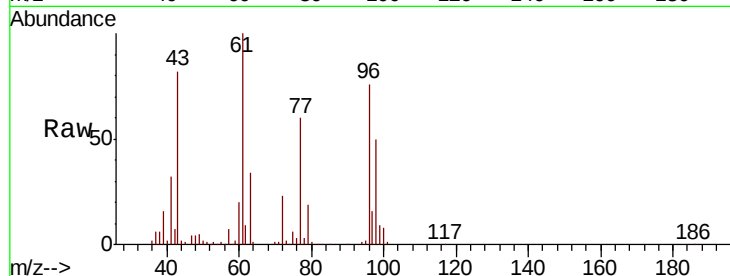
72 28.1 23.6 35.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.638 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013710.D

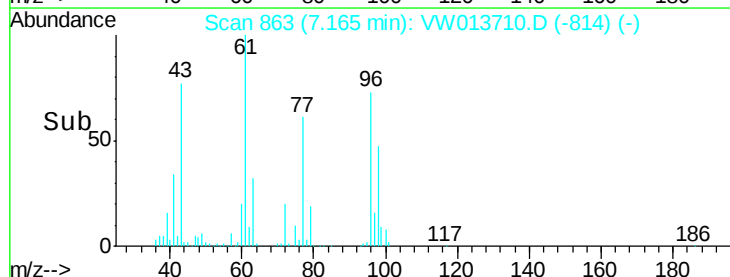
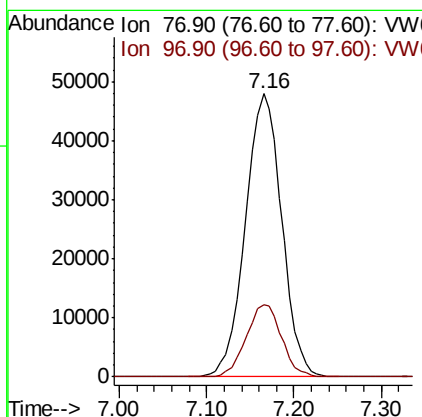
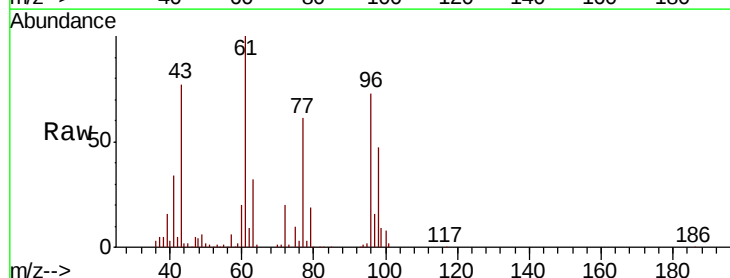
Acq: 24 Oct 2019 14:02

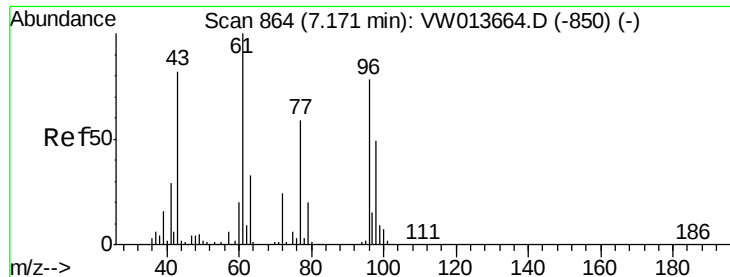
Tgt Ion: 77 Resp: 138685

Ion Ratio Lower Upper

77 100

97 24.9 12.8 38.4





#27

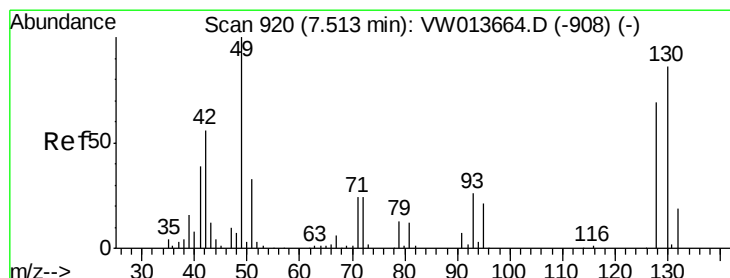
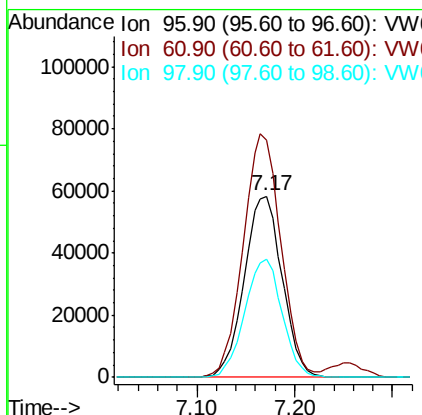
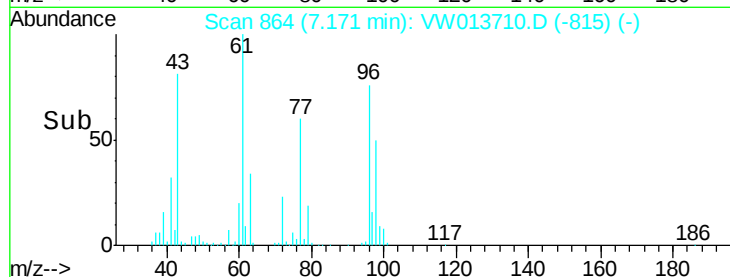
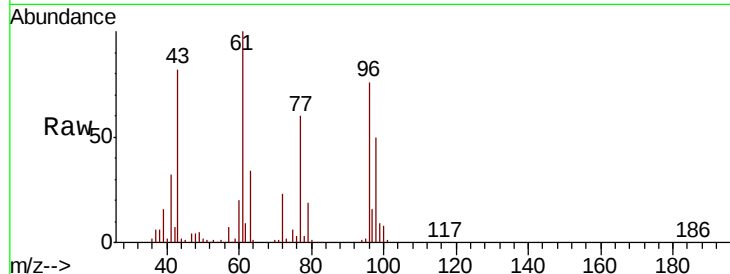
cis-1,2-Dichloroethene
Concen: 49.305 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.7	0.0	266.0
98	64.4	0.0	126.8

Manual Integrations
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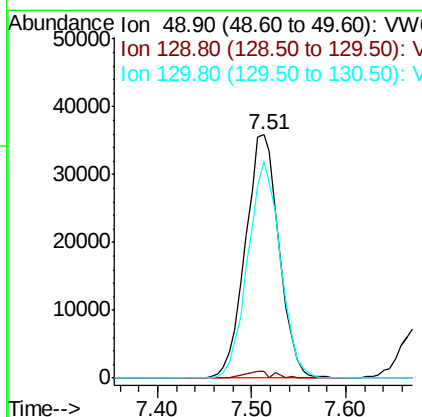
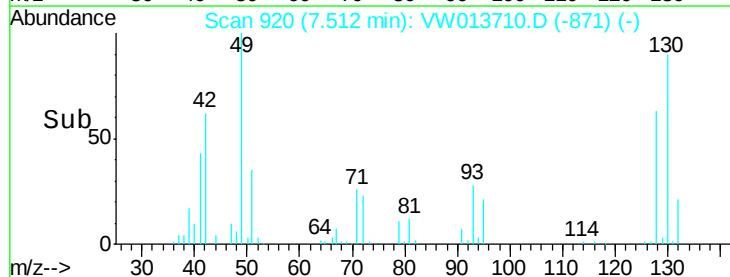
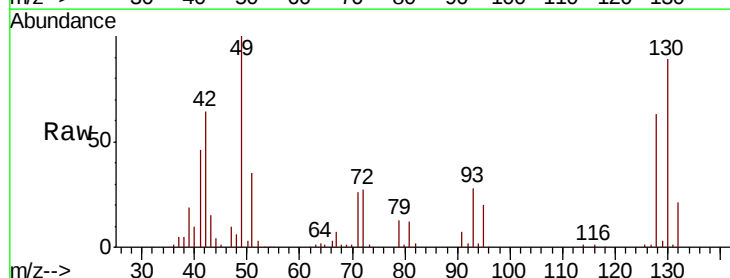
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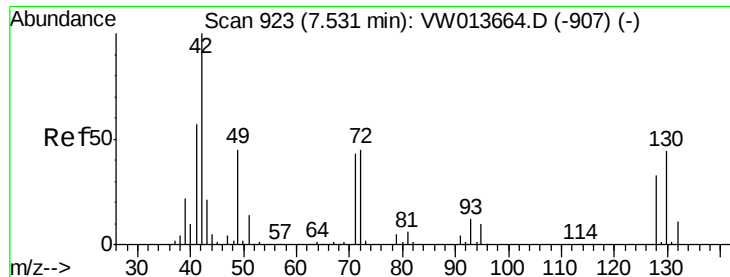


#28

Bromochloromethane
Concen: 50.846 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	0.6#
130	86.2	67.5	101.3





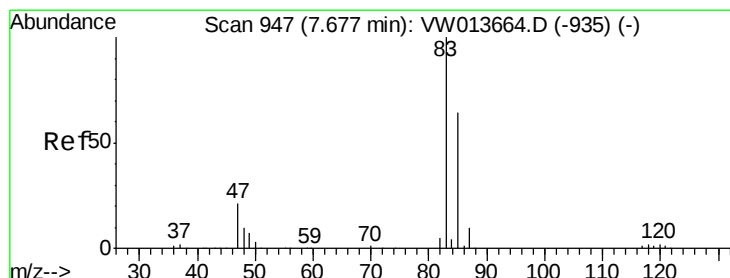
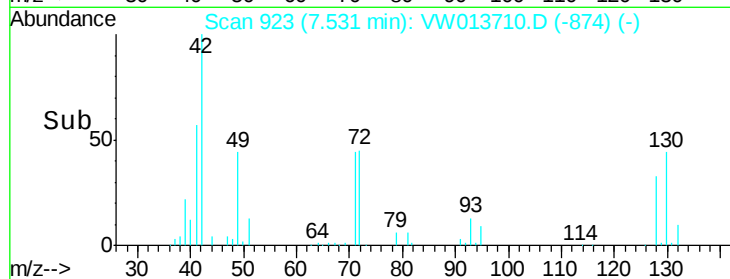
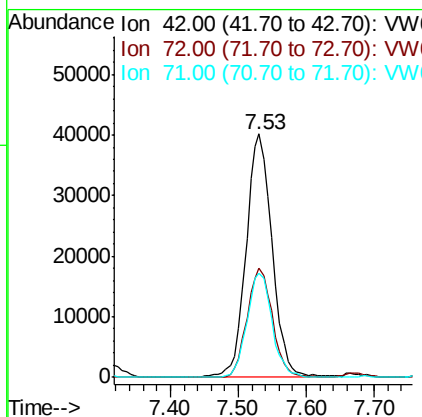
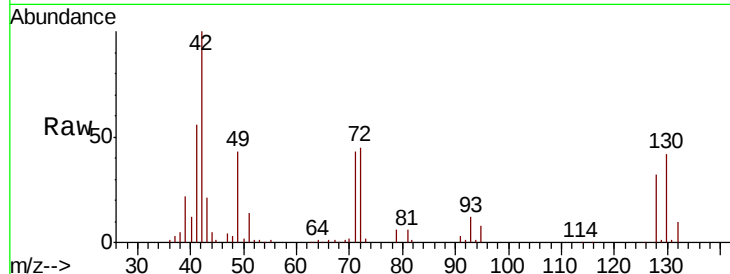
#29
Tetrahydrofuran
Concen: 243.881 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	35.3	52.9
71	41.4	33.3	49.9

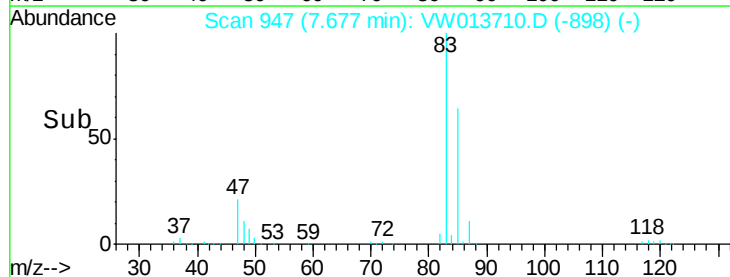
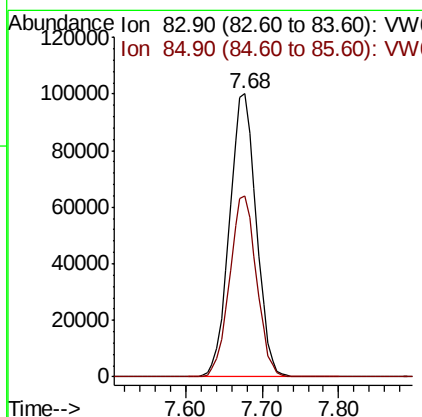
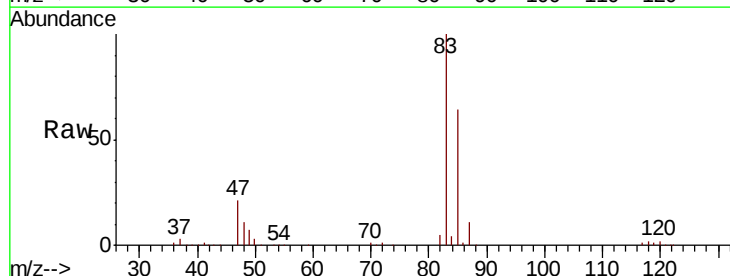
Manual Integrations
APPROVED

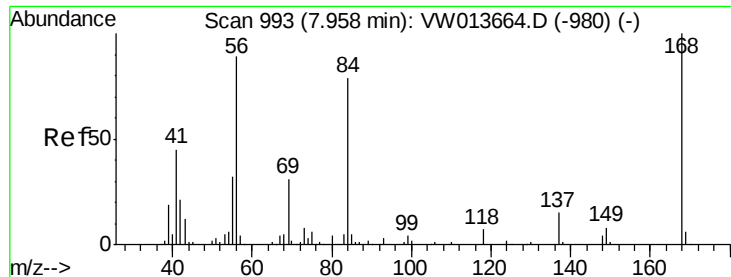
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#30
Chloroform
Concen: 49.605 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.4	77.2





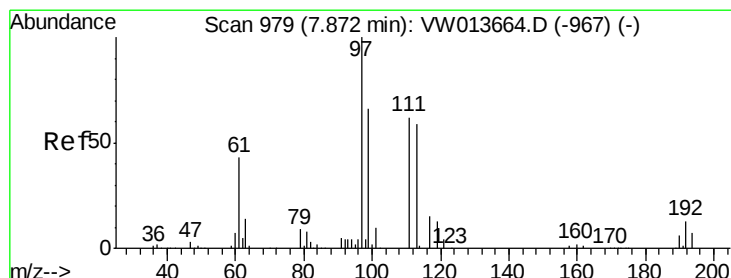
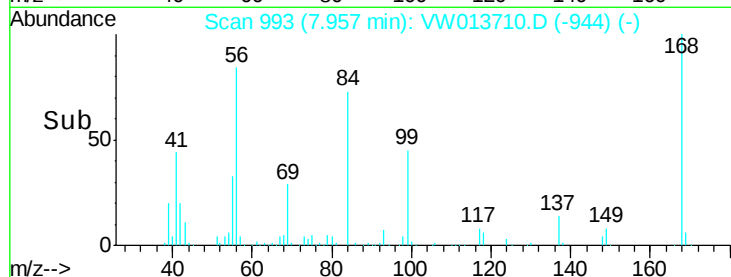
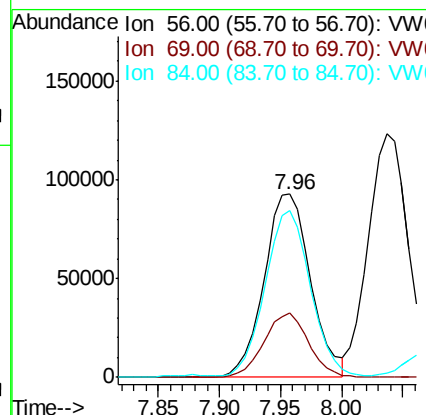
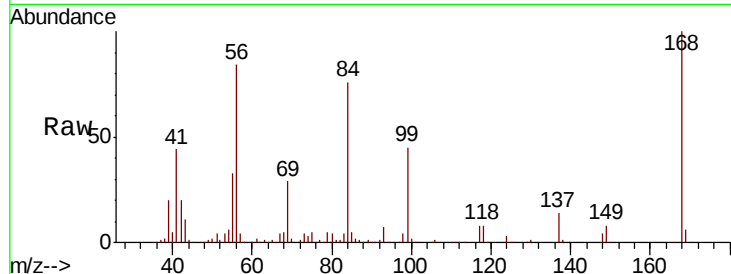
#31
Cyclohexane
Concen: 47.581 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.0	27.5	41.3
84	89.4	70.8	106.2

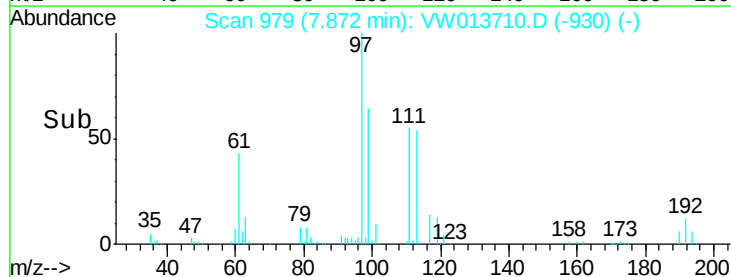
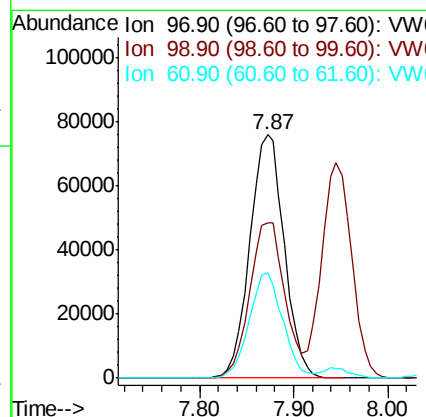
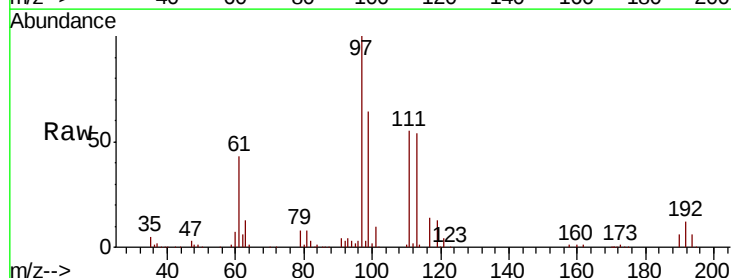
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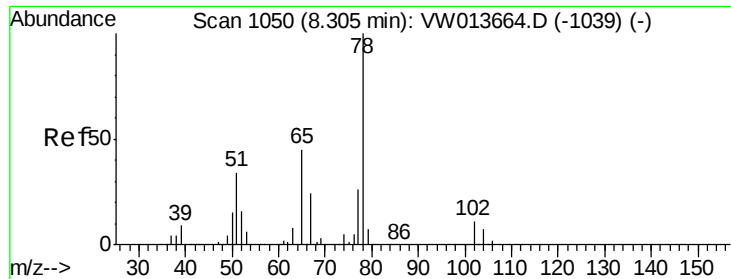
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#32
1,1,1-Trichloroethane
Concen: 50.759 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.0	78.0
61	42.4	33.8	50.6





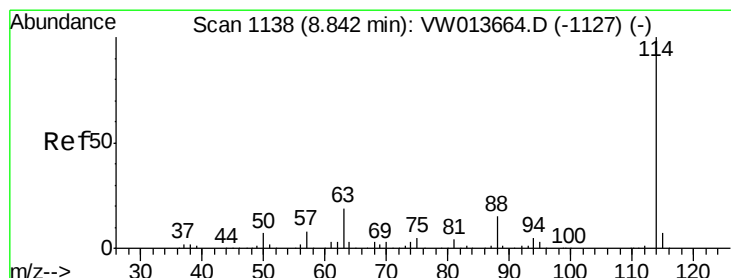
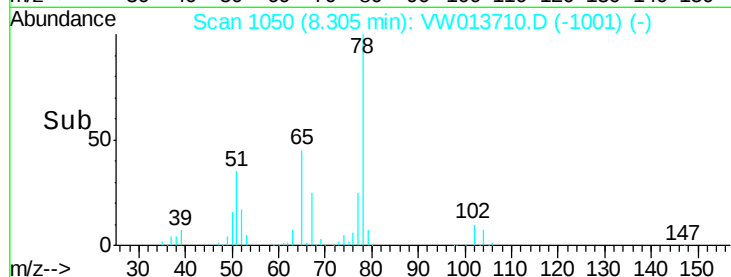
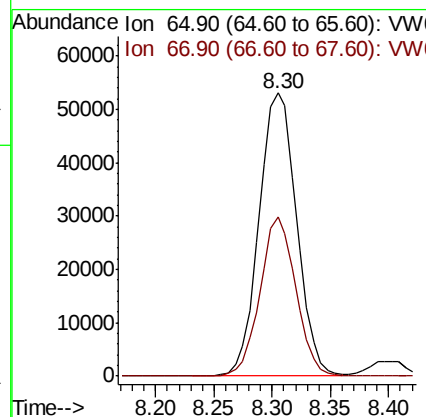
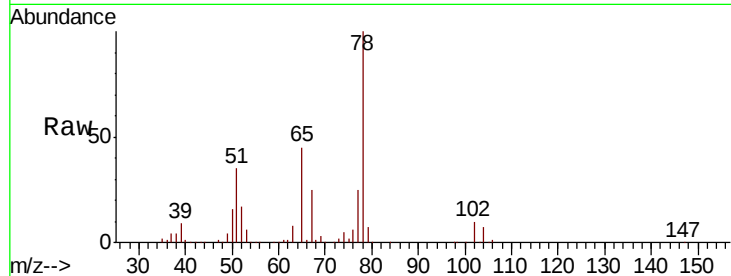
#33
 1,2-Dichloroethane-d4
 Concen: 51.186 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	109.4

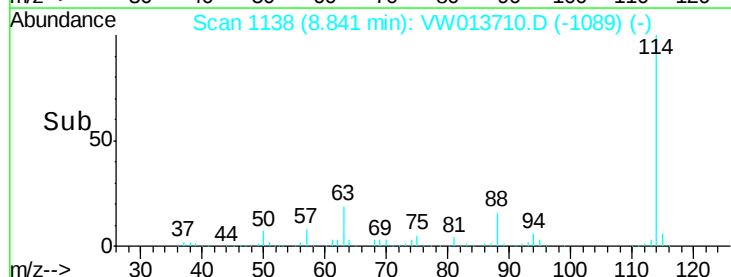
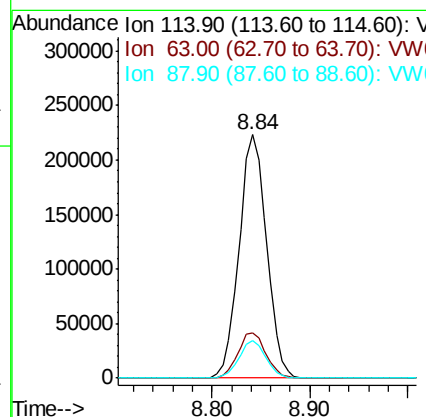
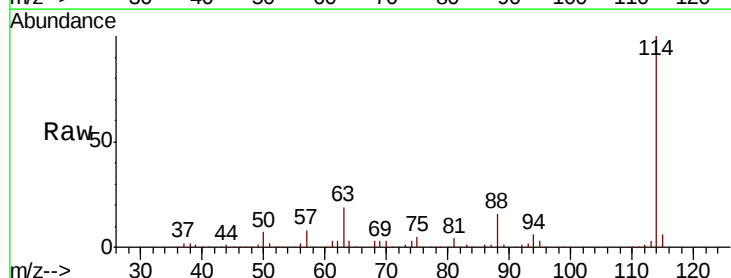
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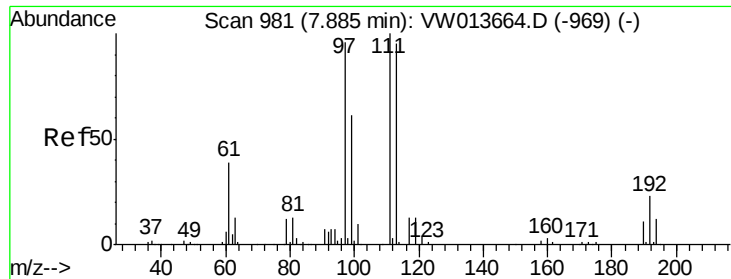
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	37.6
88	15.6	0.0	30.2





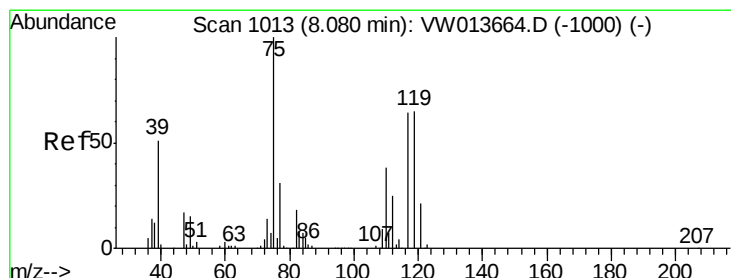
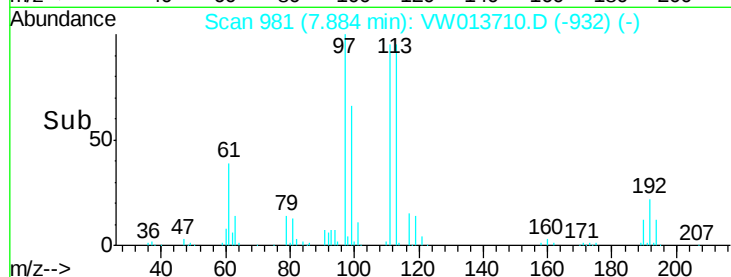
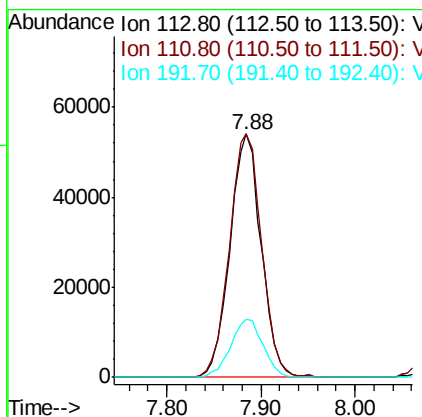
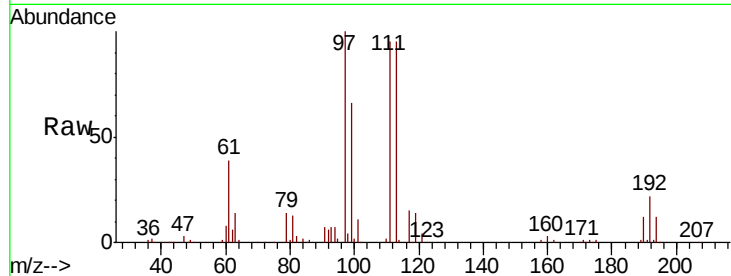
#35
 Dibromofluoromethane
 Concen: 51.454 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	124344		
111	103.2	83.0	124.6	
192	24.8	19.4	29.2	

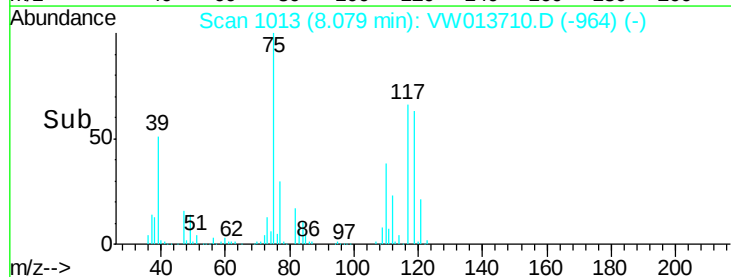
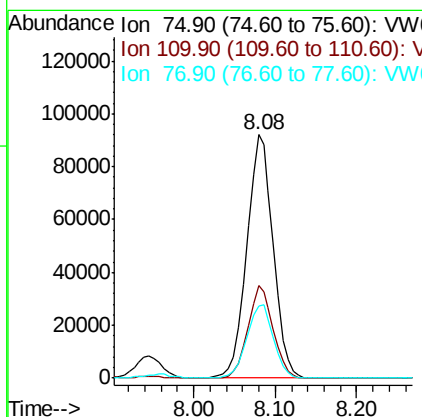
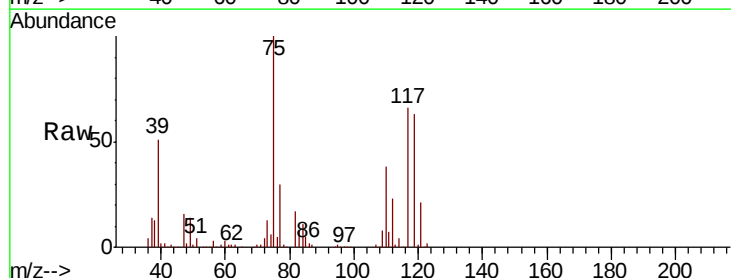
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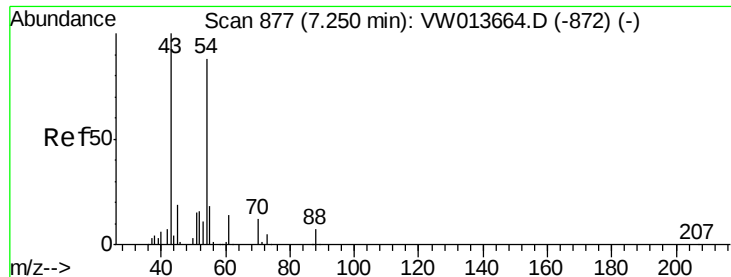
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#36
 1,1-Dichloropropene
 Concen: 51.024 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	206665		
110	36.3	18.7	56.1	
77	30.8	25.4	38.0	





#37

Ethyl Acetate

Concen: 47.276 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Instrument :

MSVOA_W

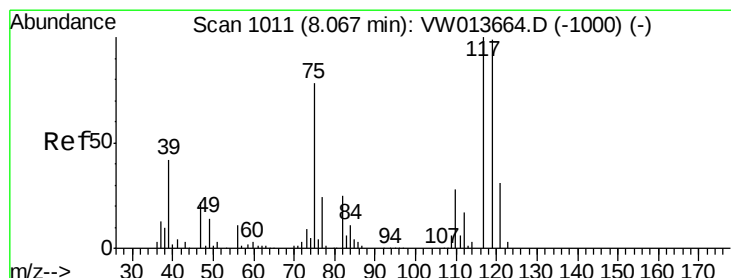
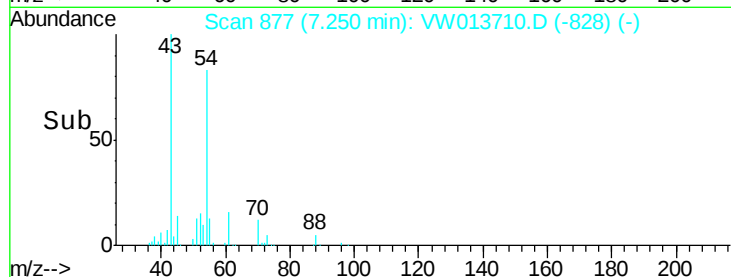
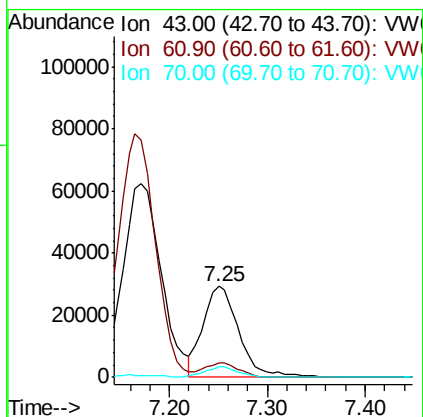
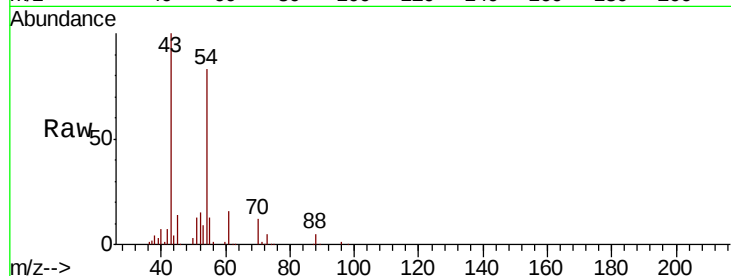
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	73299
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.7	17.5
70	11.5	8.8	13.2

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#38

Carbon Tetrachloride

Concen: 50.972 ug/l

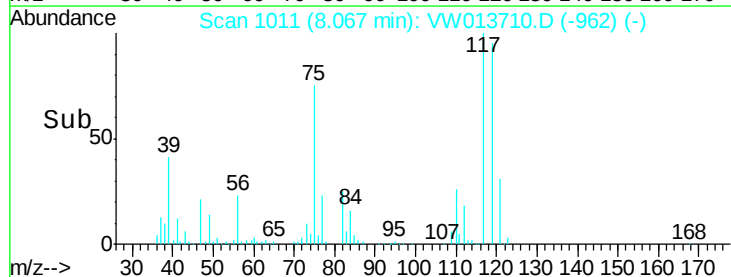
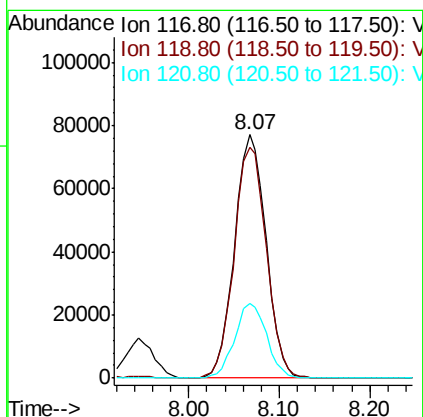
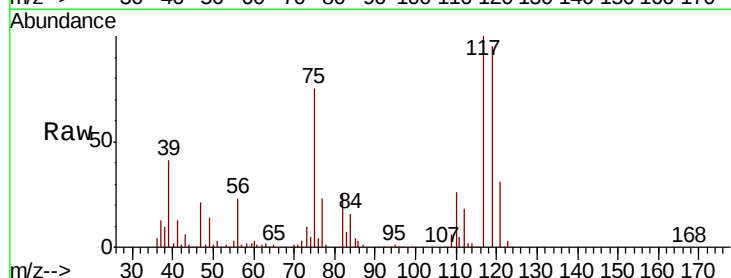
RT: 8.07 min Scan# 1011

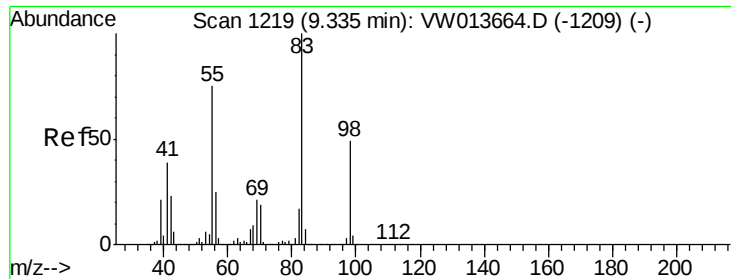
Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Tgt Ion:	117	Resp:	185911
Ion	Ratio	Lower	Upper
117	100		
119	95.0	79.0	118.4
121	30.6	24.5	36.7





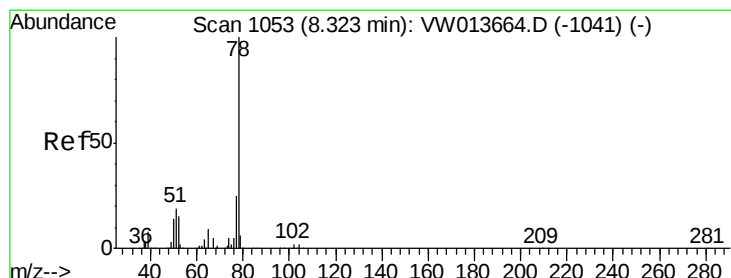
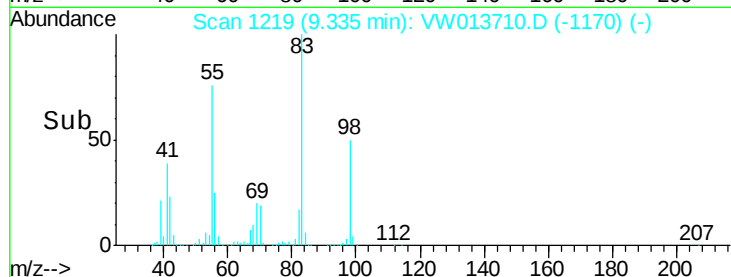
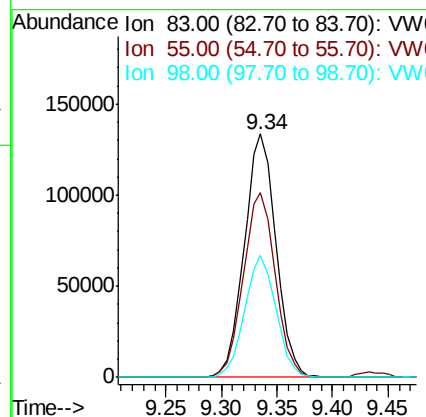
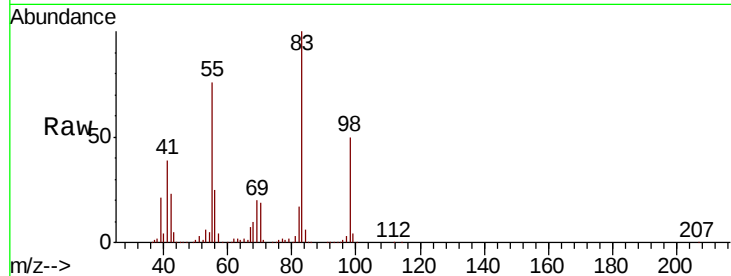
#39
Methvlcvclohexane
Concen: 50.438 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	59.9	89.9
98	50.3	39.4	59.2

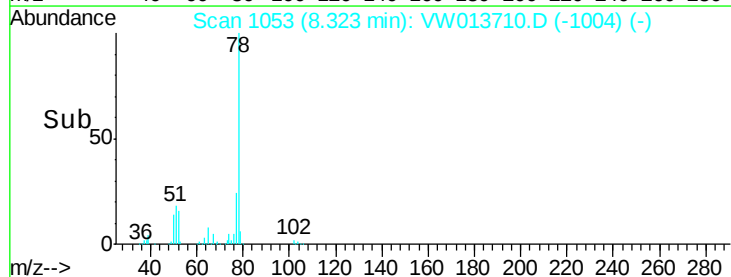
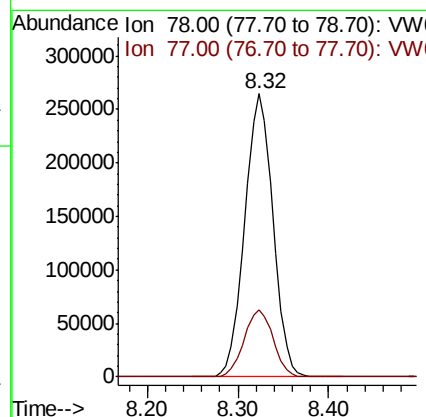
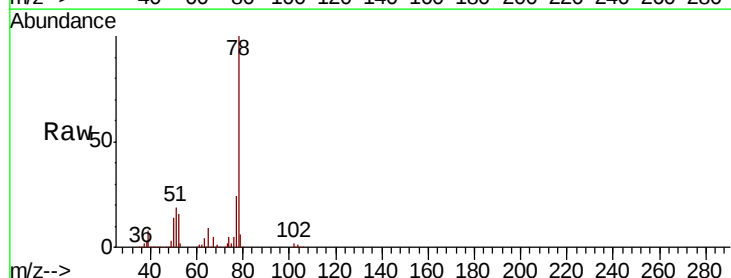
Manual Integrations
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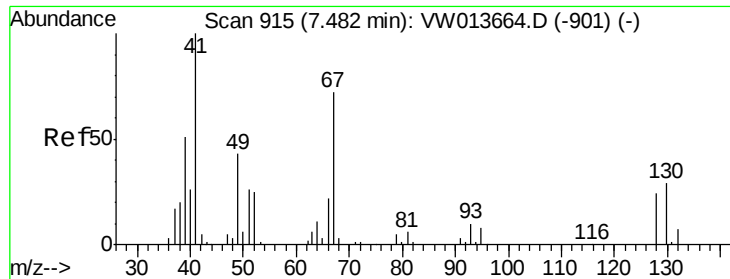
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#40
Benzene
Concen: 49.707 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.6	29.4





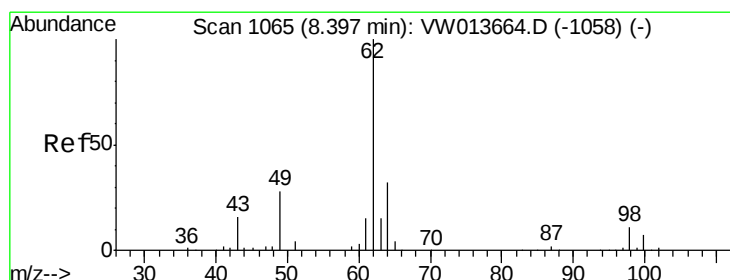
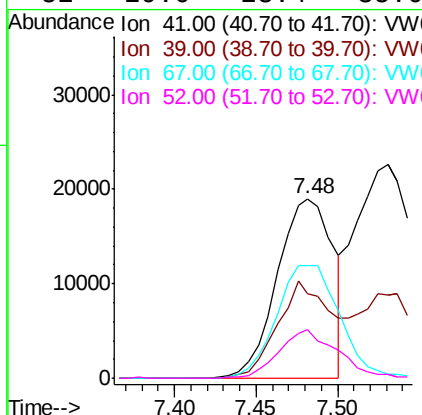
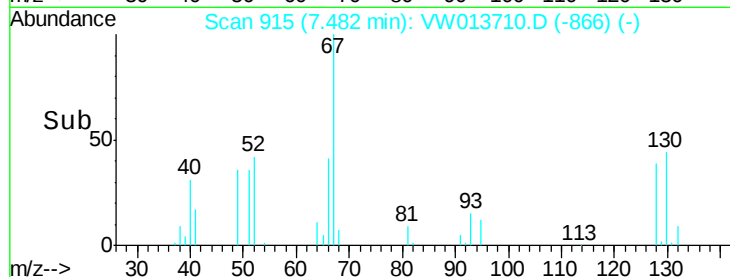
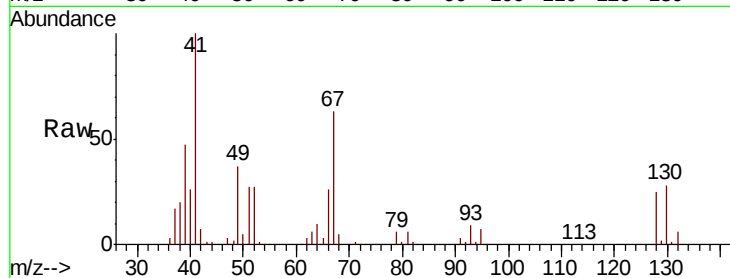
#41
Methacrylonitrile
Concen: 46.522 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	41.00 (40.70 to 41.70): VW	100		
39	39.00 (38.70 to 39.70): VW	55.2	44.8	67.2
67	67.00 (66.70 to 67.70): VW	71.8	59.3	88.9
52	52.00 (51.70 to 52.70): VW	29.0	23.4	35.0

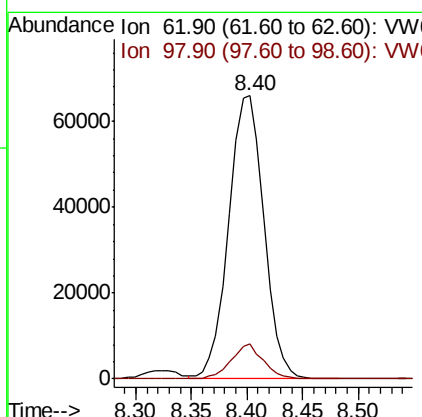
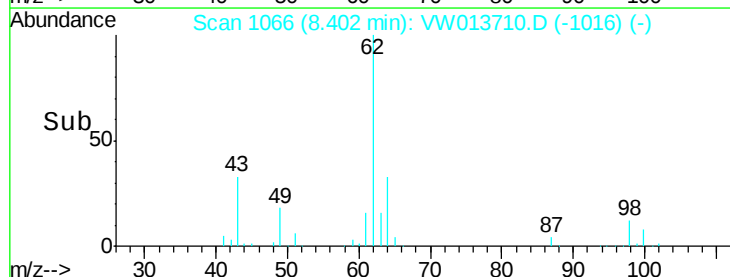
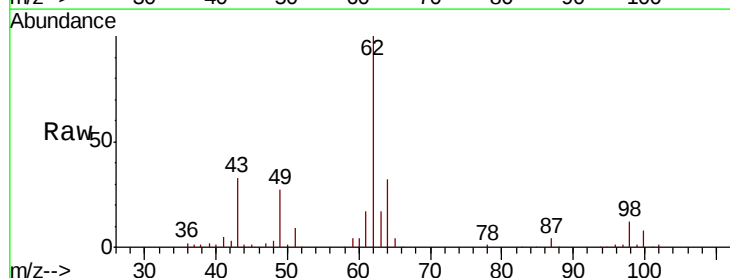
Manual Integrations
APPROVED

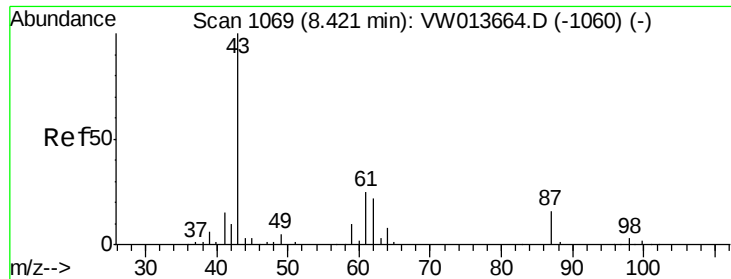
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#42
1,2-Dichloroethane
Concen: 50.054 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	61.90 (61.60 to 62.60): VW	100		
98	97.90 (97.60 to 98.60): VW	11.3	0.0	22.4





#43

Isopropyl Acetate

Concen: 48.705 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Instrument :

MSVOA_W

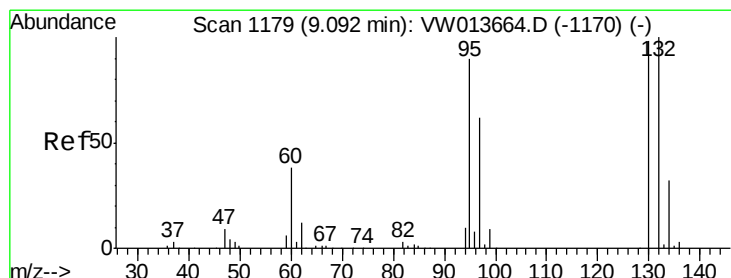
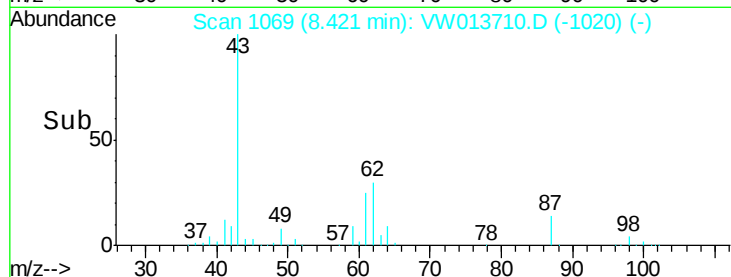
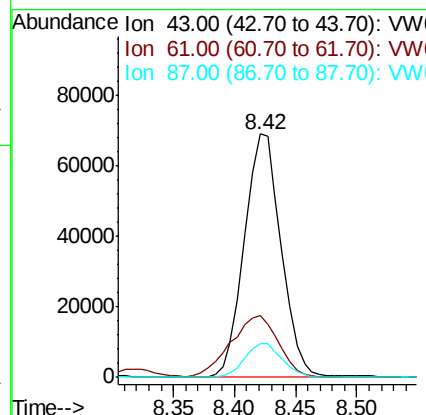
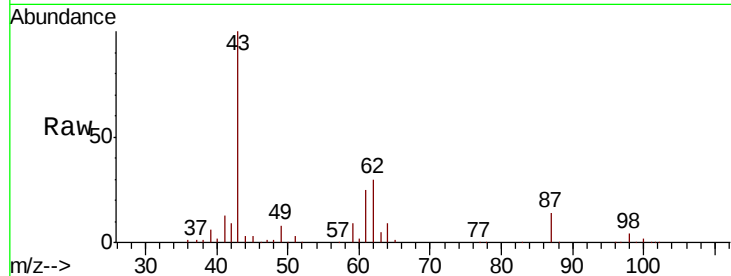
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	144547
Ion	Ratio	Lower	Upper
43	100		
61	32.7	26.1	39.1
87	14.1	11.4	17.0

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#44

Trichloroethene

Concen: 50.169 ug/l

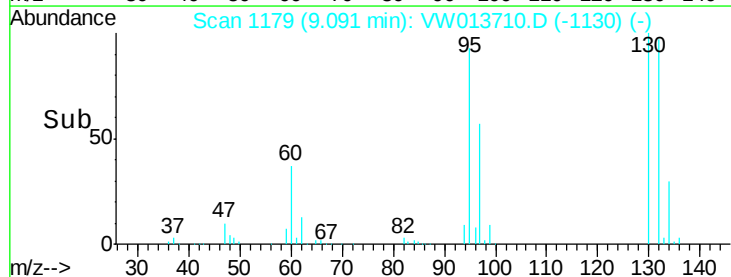
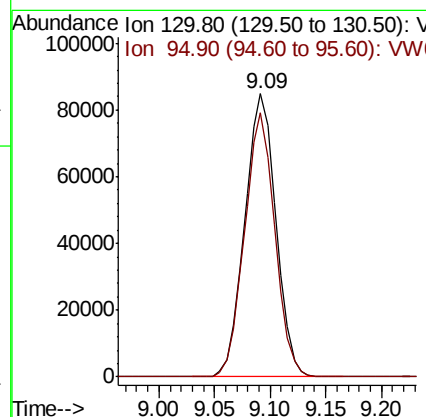
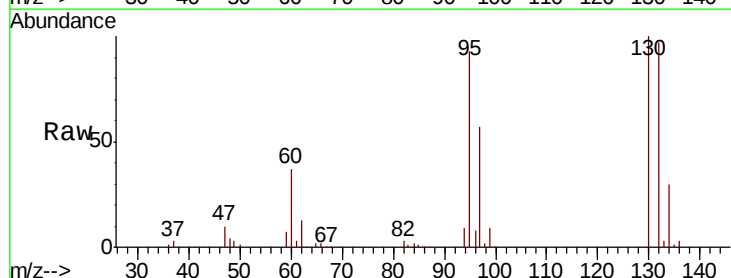
RT: 9.09 min Scan# 1179

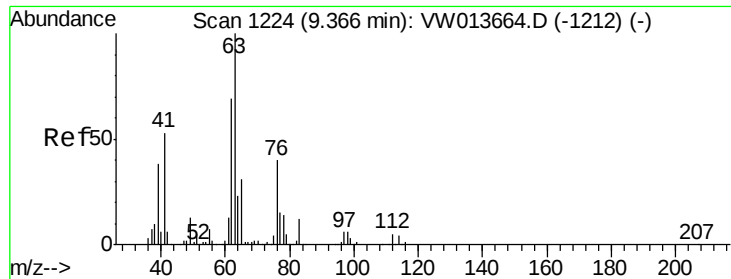
Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Tgt Ion:	130	Resp:	164725
Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	184.6





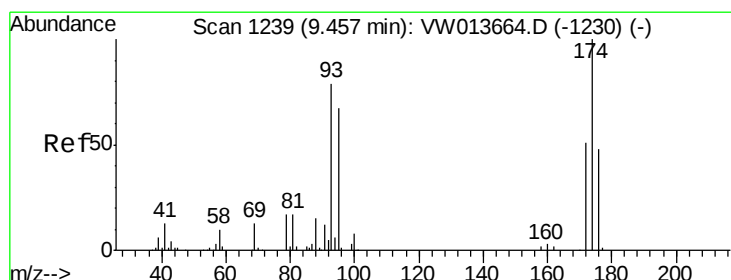
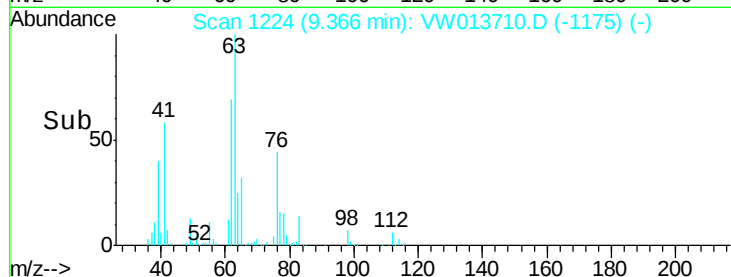
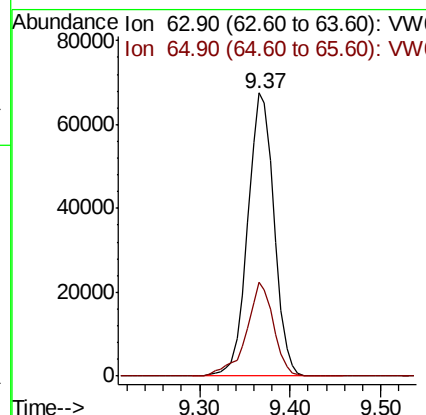
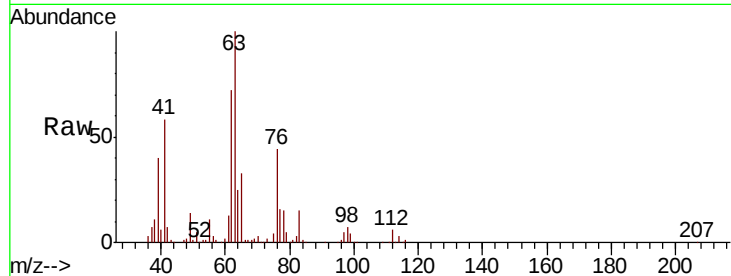
#45
 1,2-Dichloropropane
 Concen: 49.387 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.1	25.2	37.8

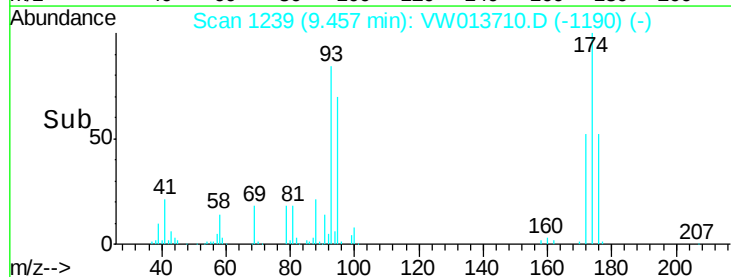
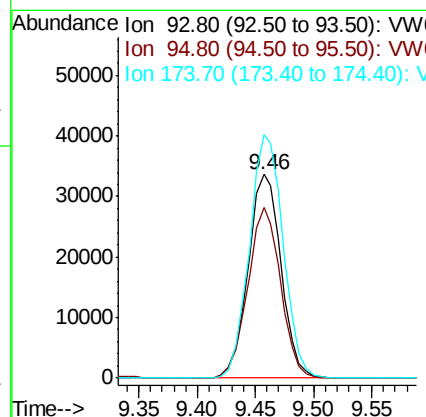
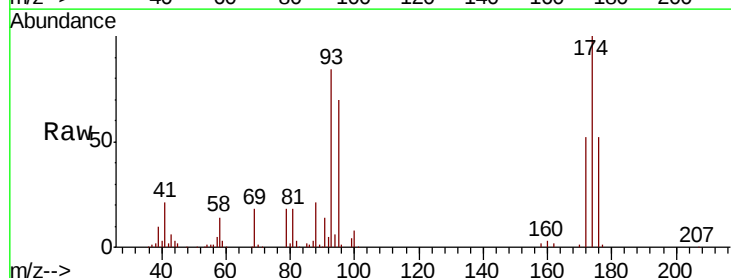
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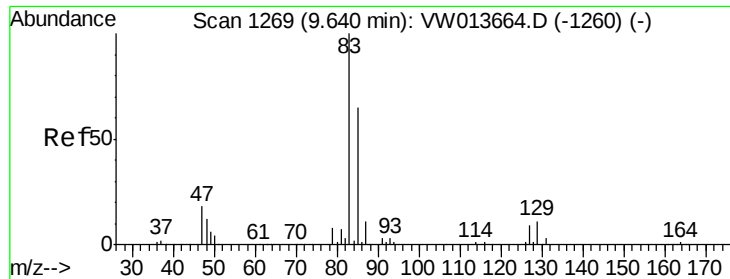
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#46
 Dibromomethane
 Concen: 50.002 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.5	99.7
174	122.2	99.6	149.4





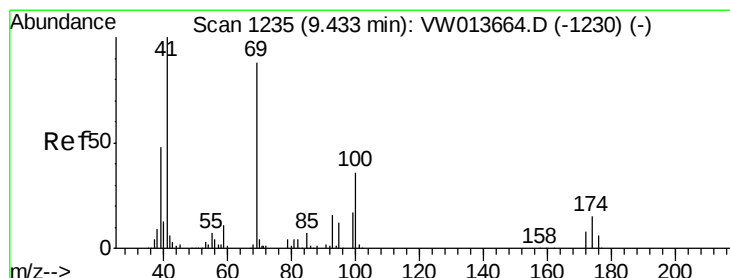
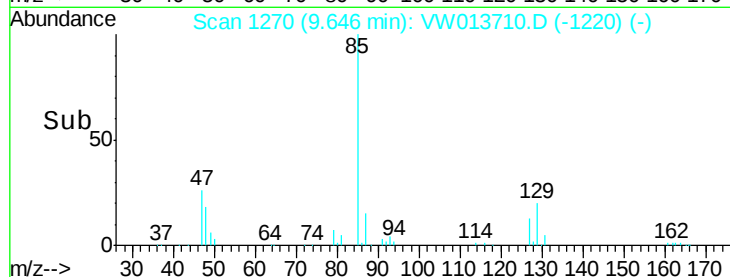
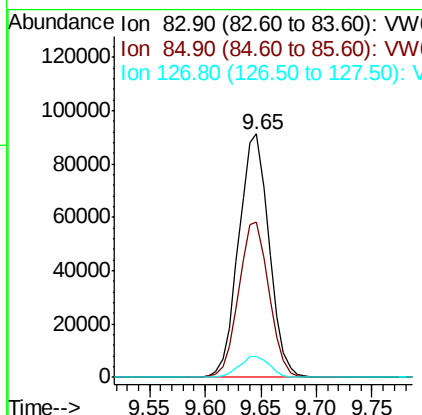
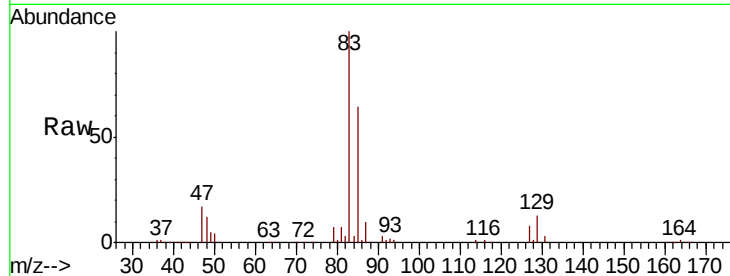
#47
Bromodichloromethane
Concen: 50.255 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.6
127	8.5	7.3	10.9

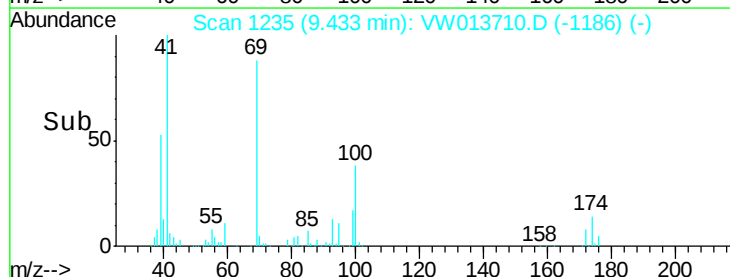
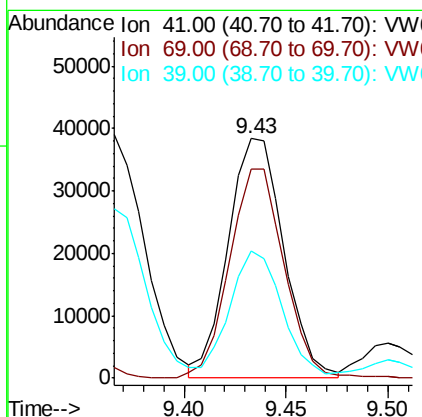
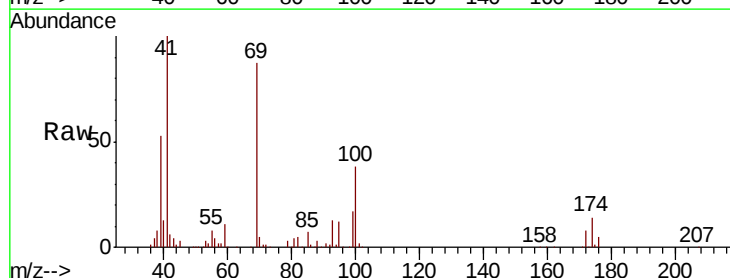
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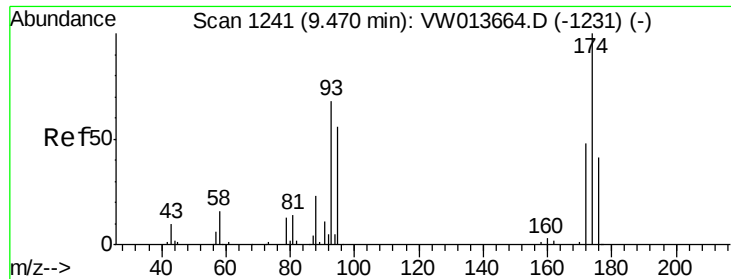
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#48
Methyl methacrylate
Concen: 49.479 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.9	67.6	101.4
39	46.1	38.6	58.0





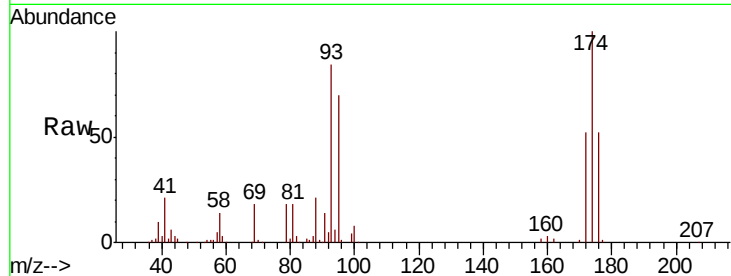
#49
1,4-Dioxane
Concen: 1048.051 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100	20580		
43	0.0	0.0	0.0	0.0
58	68.9	58.9	88.3	

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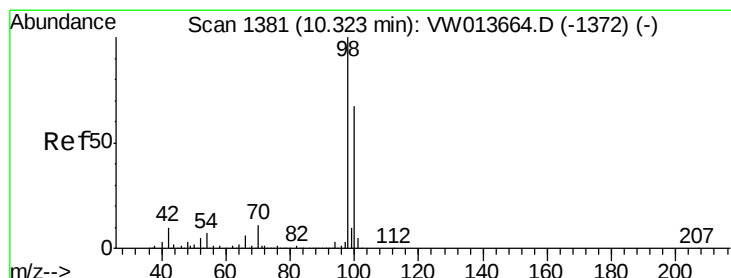
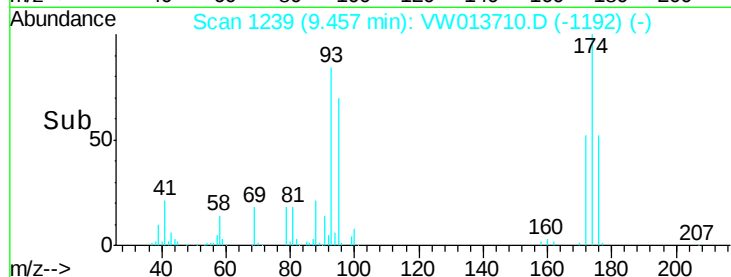
Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

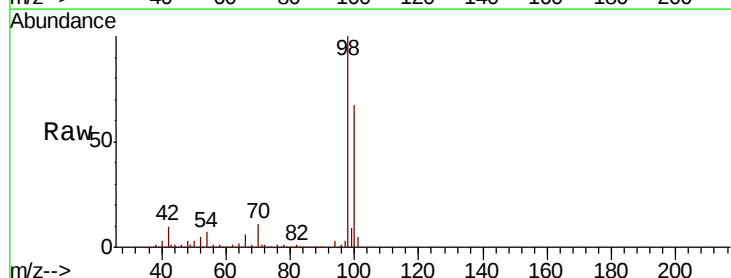
Ion 58.00 (57.70 to 58.70): VW

Time-->



#50
Toluene-d8
Concen: 52.324 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	515237		
100	66.3	53.4	80.0	

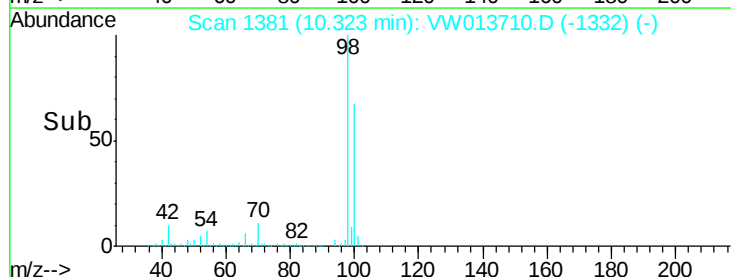


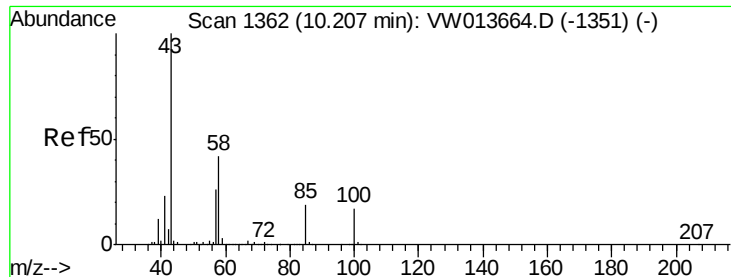
Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

Time-->





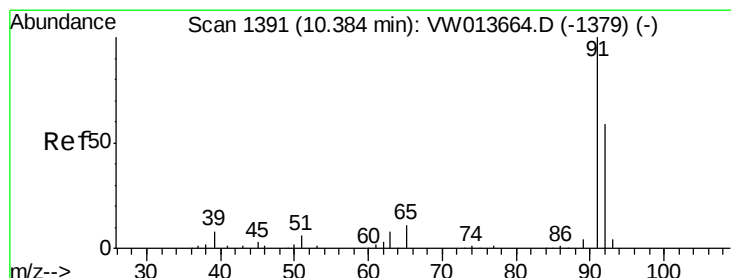
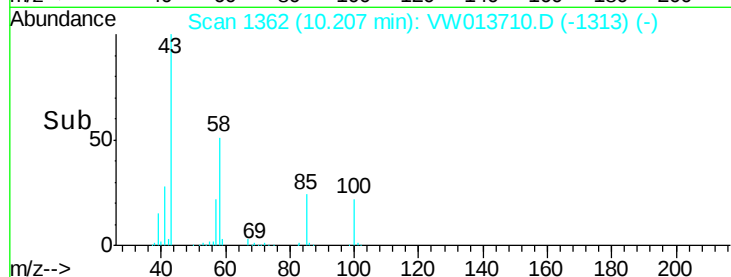
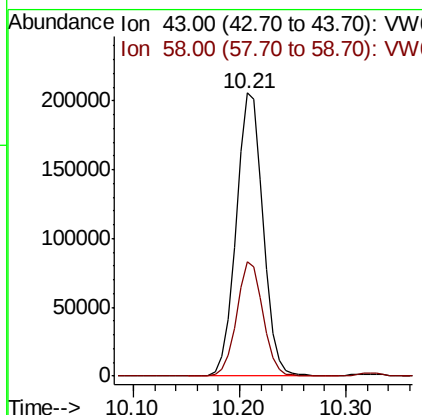
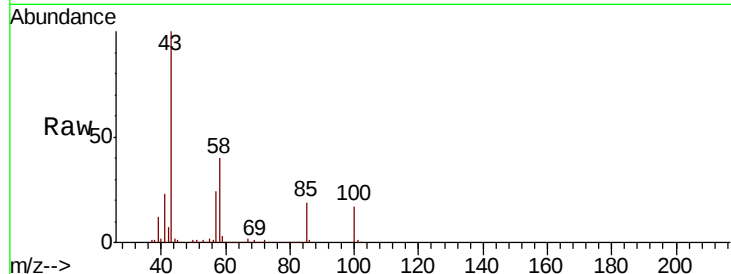
#51
4-Methyl-2-Pentanone
Concen: 247.089 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	364394
Ion Ratio	100	Lower	Upper
43	100		
58	39.5	32.6	49.0

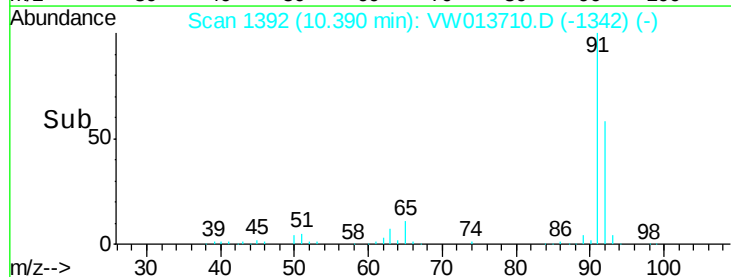
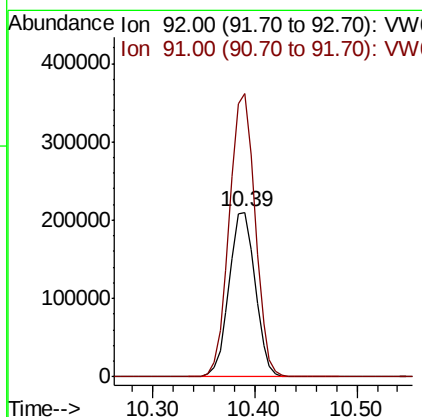
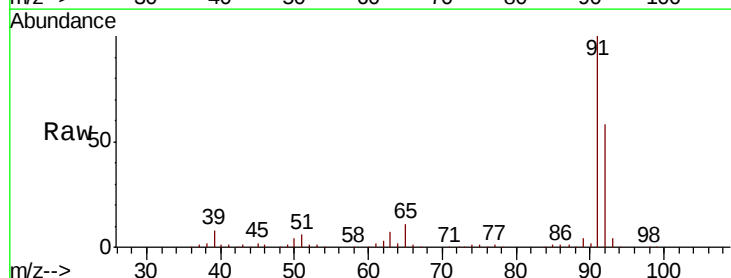
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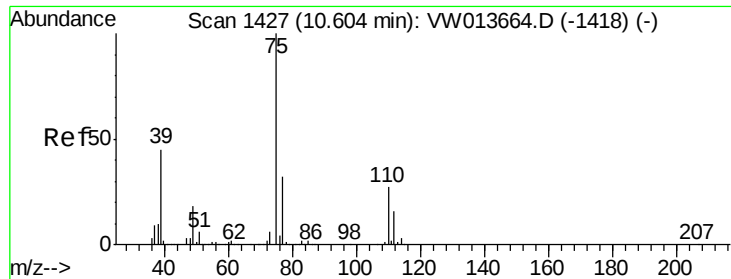
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#52
Toluene
Concen: 50.312 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion	92	Resp	371997
Ion Ratio	100	Lower	Upper
92	100		
91	169.4	134.5	201.7





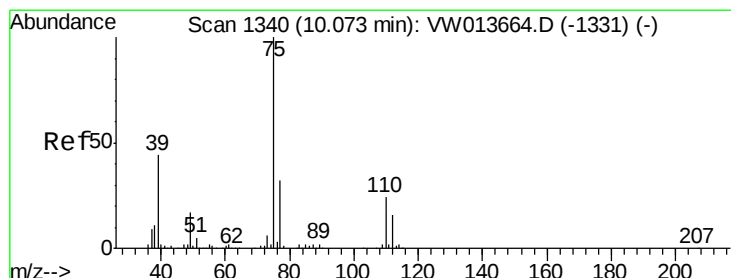
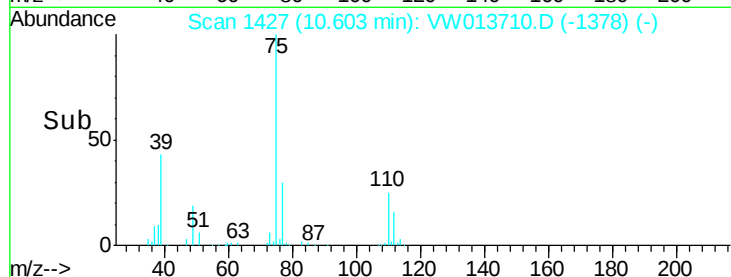
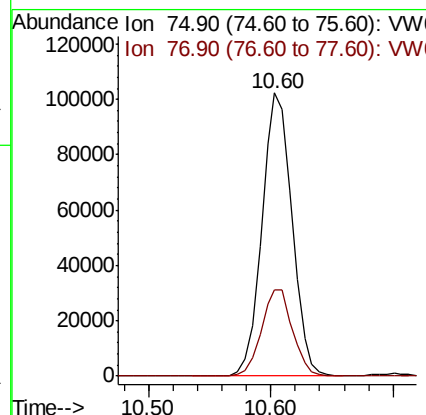
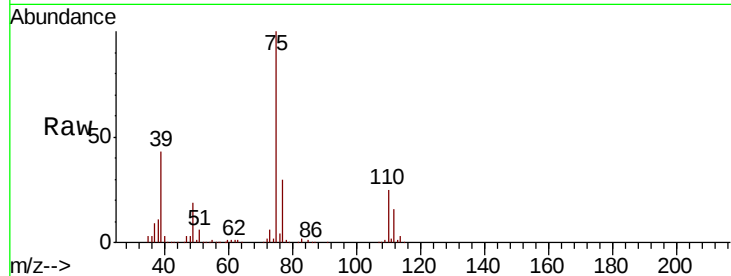
#53
 t-1,3-Dichloropropene
 Concen: 50.222 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.5	38.3

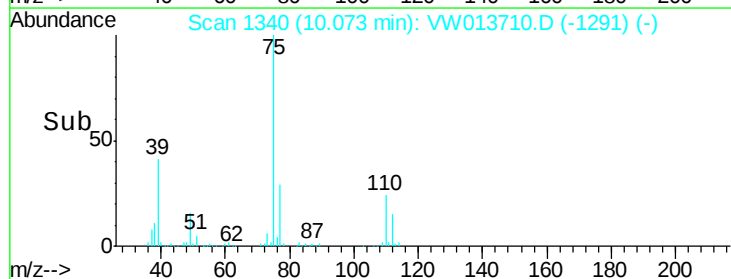
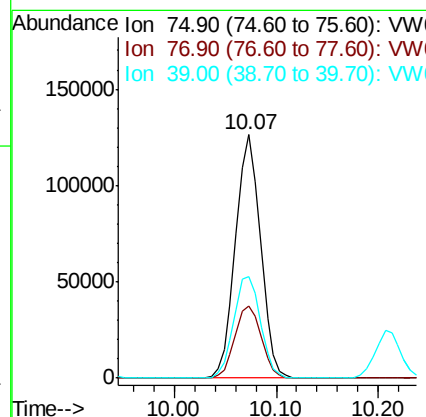
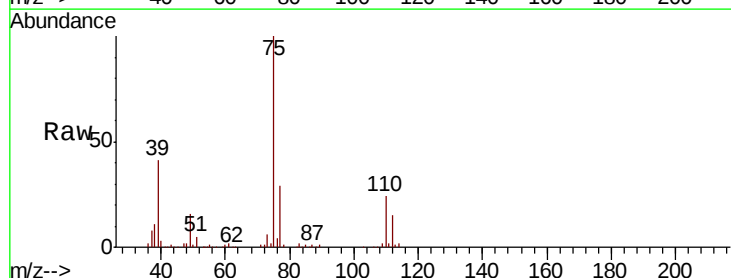
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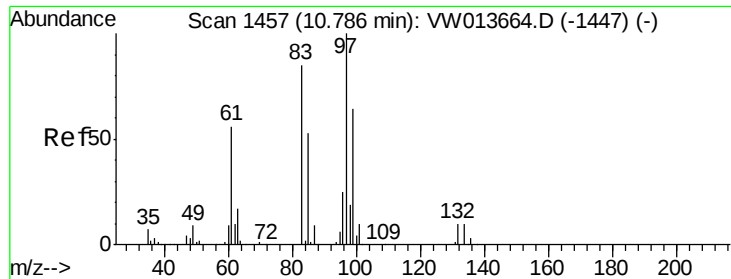
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#54
 cis-1,3-Dichloropropene
 Concen: 49.997 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.4	25.8	38.6
39	41.4	35.3	52.9





#55

1,1,2-Trichloroethane

Concen: 48.928 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 96899

Ion Ratio Lower Upper

97 100

83 85.0 67.8 101.8

85 56.5 42.1 63.1

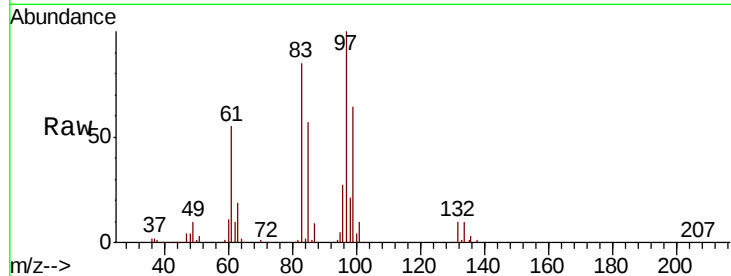
99 63.6 51.4 77.0

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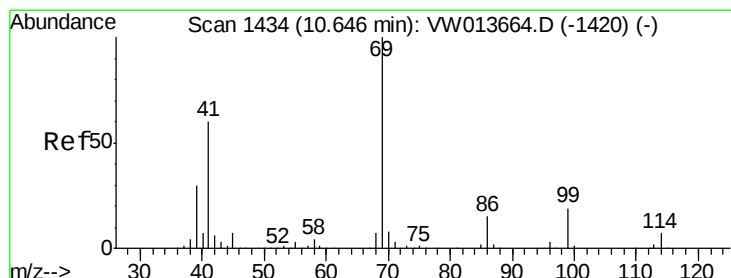
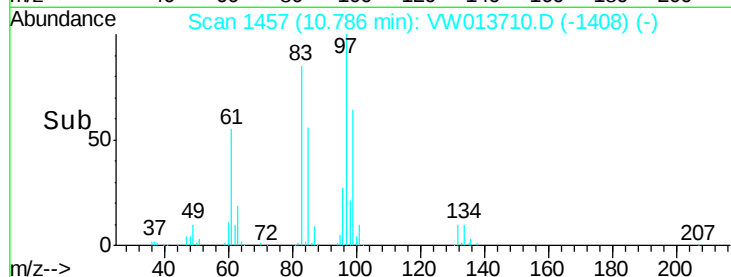
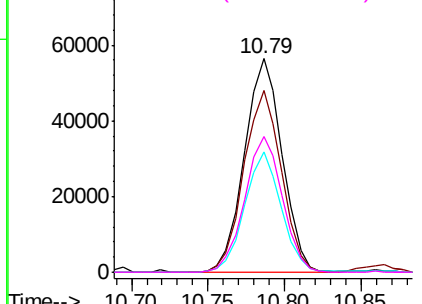


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 49.878 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Tgt Ion: 69 Resp: 123587

Ion Ratio Lower Upper

69 100

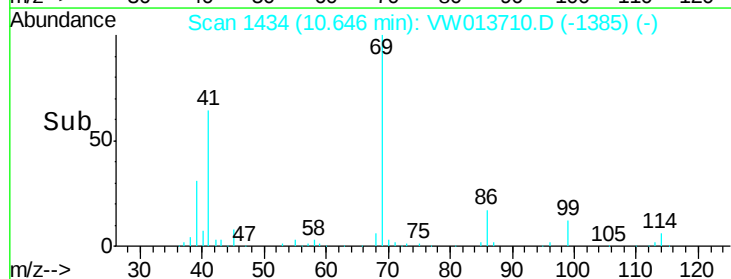
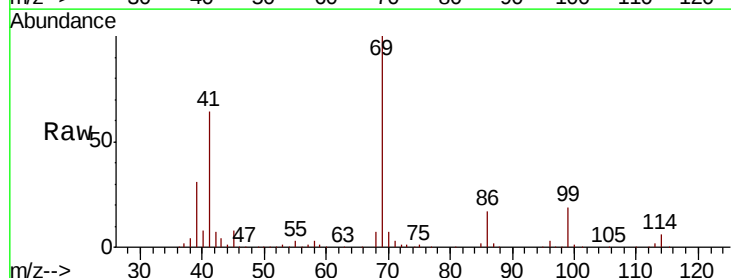
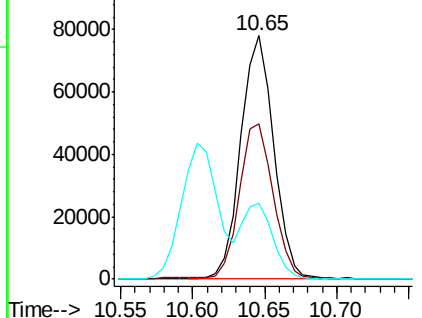
41 65.3 51.6 77.4

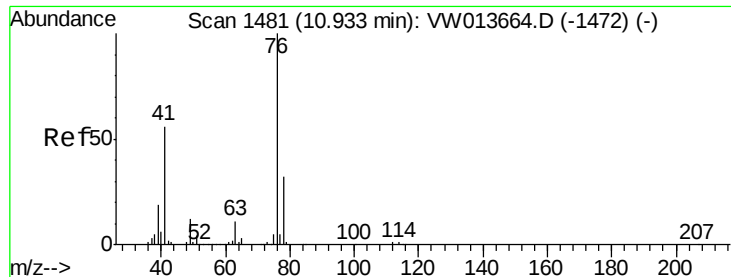
39 29.0 22.4 33.6

Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





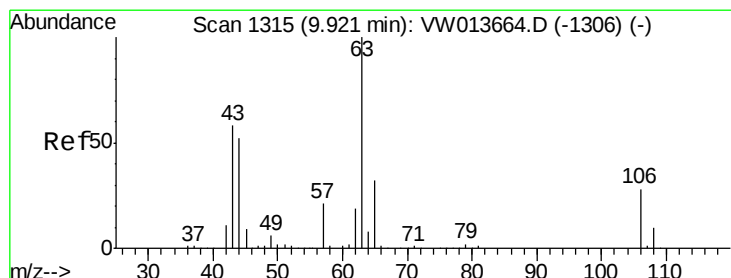
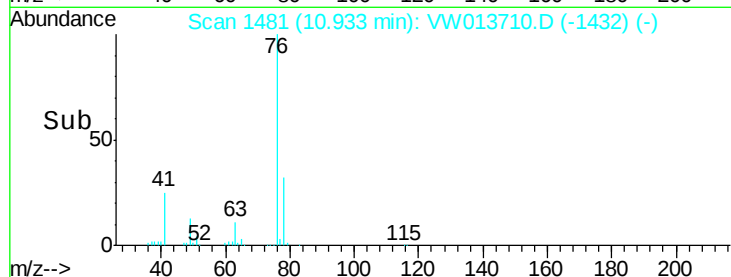
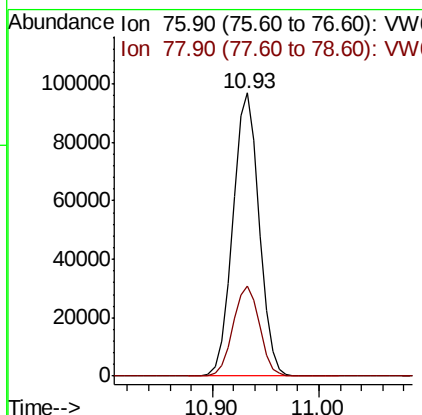
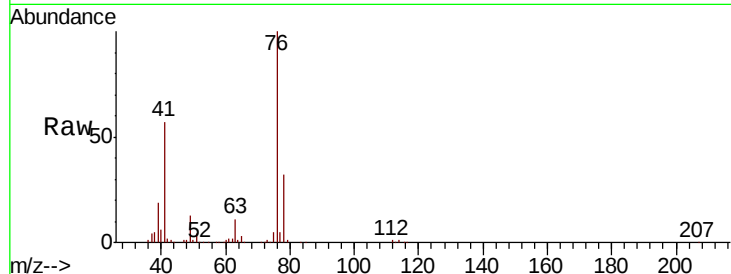
#57
 1,3-Dichloropropane
 Concen: 49.400 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 167888
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.0 39.0

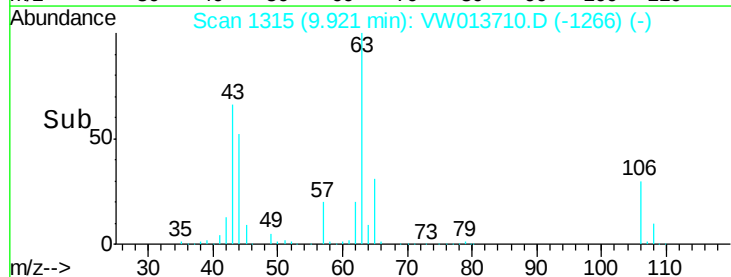
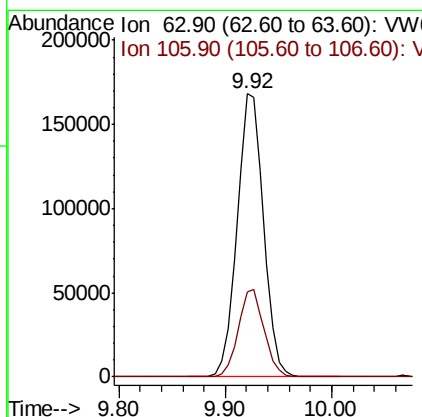
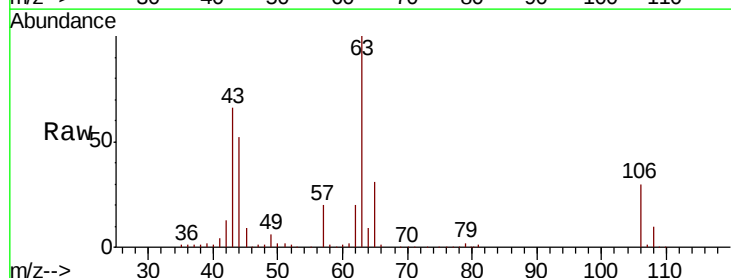
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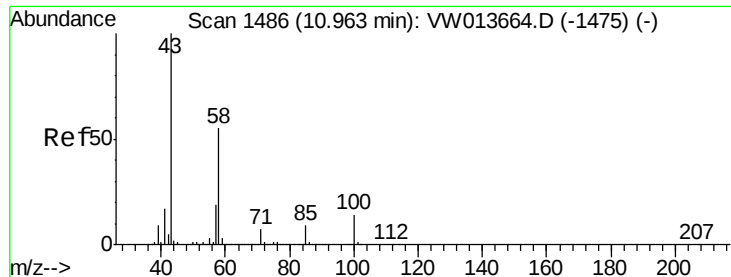
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 256.809 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Tgt Ion: 63 Resp: 292855
 Ion Ratio Lower Upper
 63 100
 106 30.2 23.8 35.8





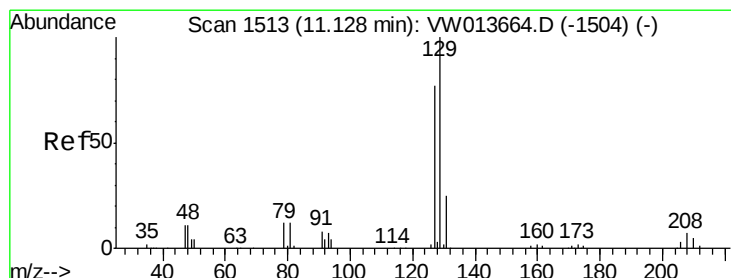
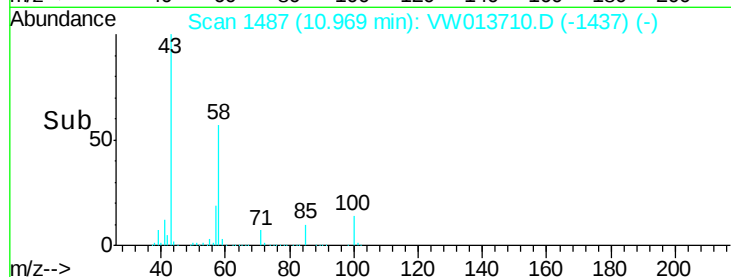
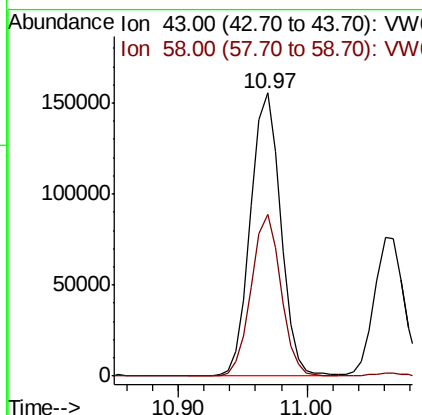
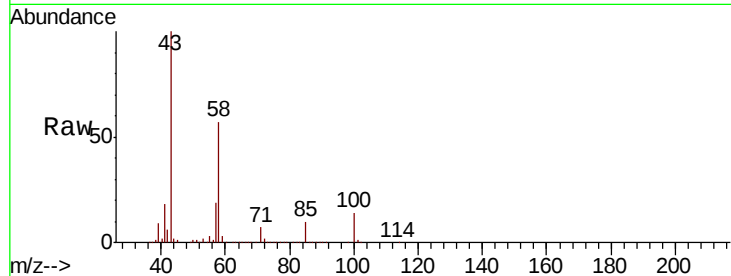
#59
2-Hexanone
Concen: 247.443 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 251572
Ion Ratio Lower Upper
43 100
58 56.2 27.9 83.7

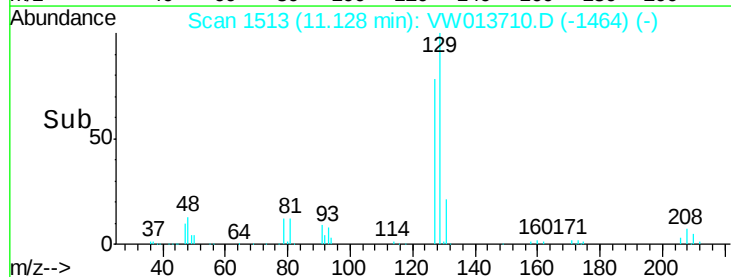
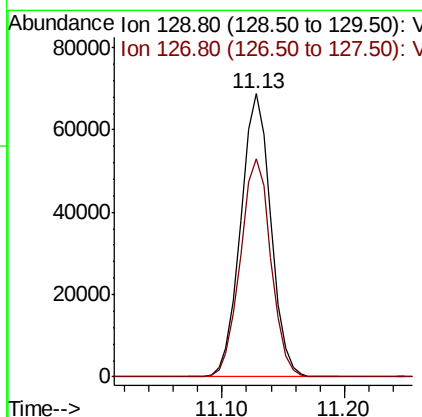
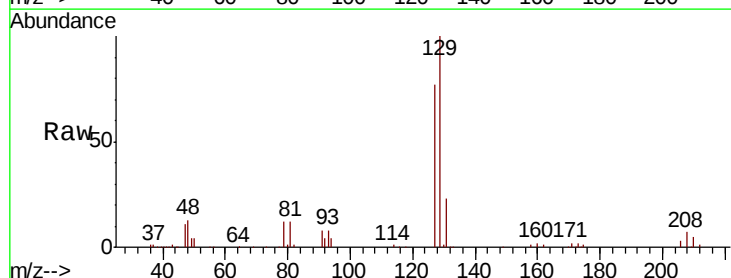
Manual Integrations
APPROVED

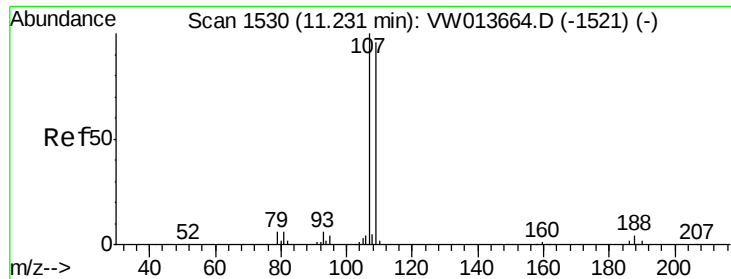
MMDadoda
10/25/2019 4:47:17 PM



#60
Dibromochloromethane
Concen: 49.945 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion: 129 Resp: 117440
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7





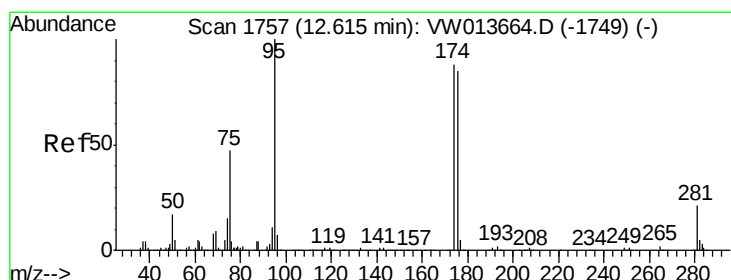
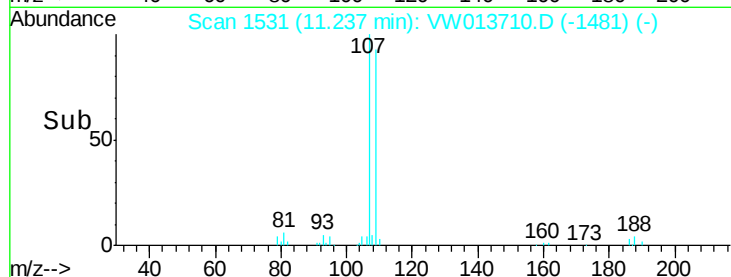
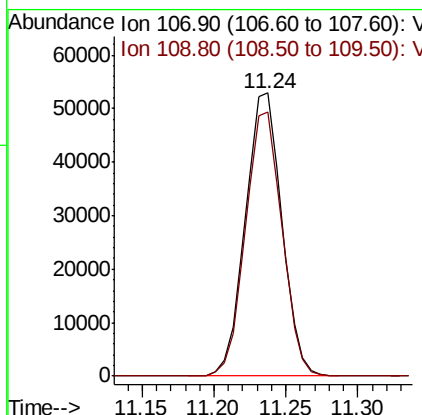
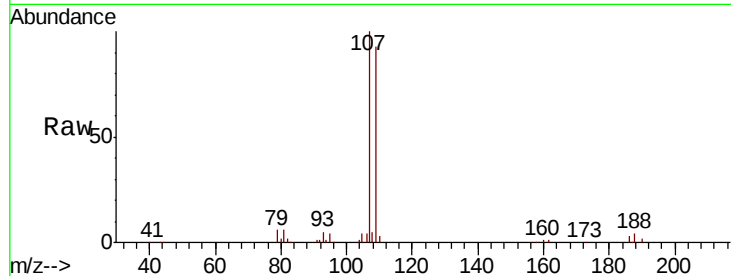
#61
 1,2-Dibromoethane
 Concen: 49.427 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 92607
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.7 113.5

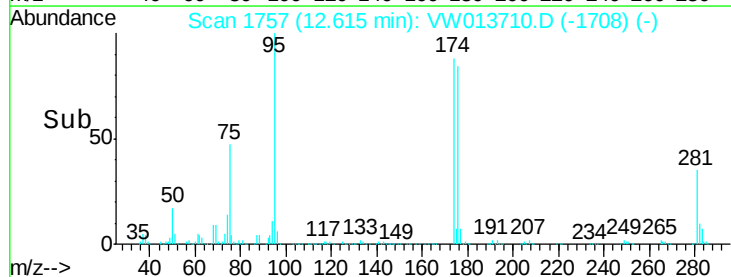
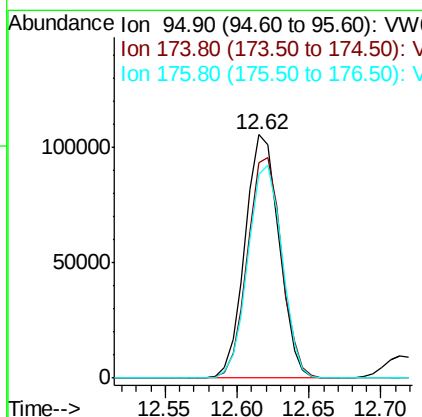
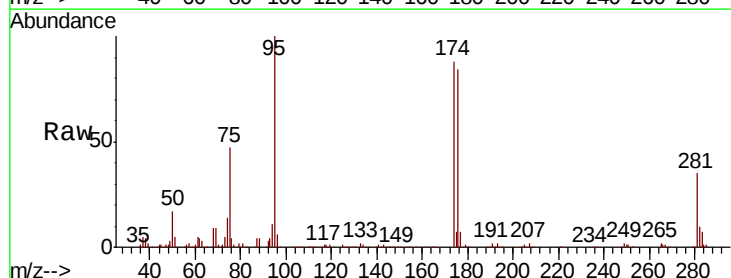
Manual Integrations
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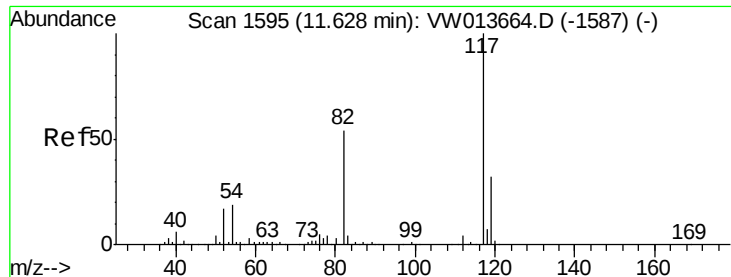
MMDadoda
 10/25/2019 4:47:17 PM



#62
 4-Bromofluorobenzene
 Concen: 51.816 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Tgt Ion: 95 Resp: 172766
 Ion Ratio Lower Upper
 95 100
 174 90.3 0.0 183.6
 176 87.4 0.0 178.0





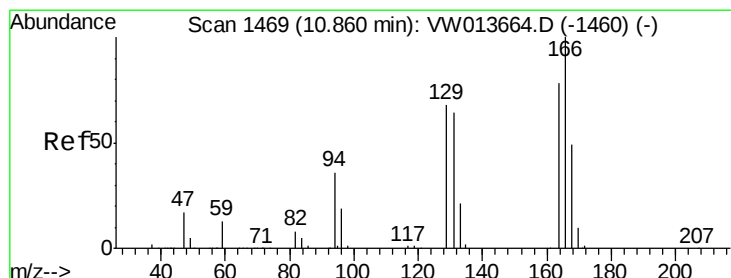
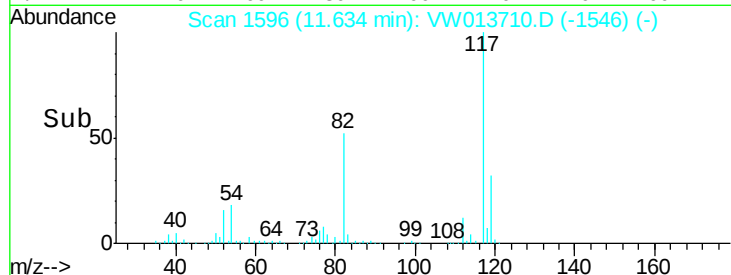
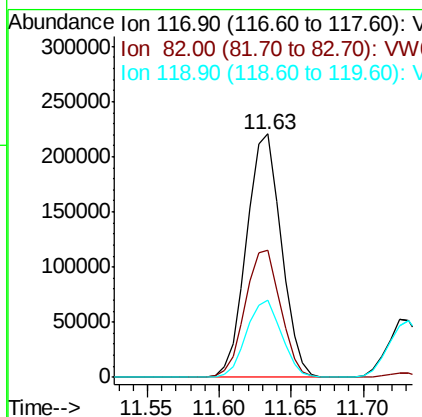
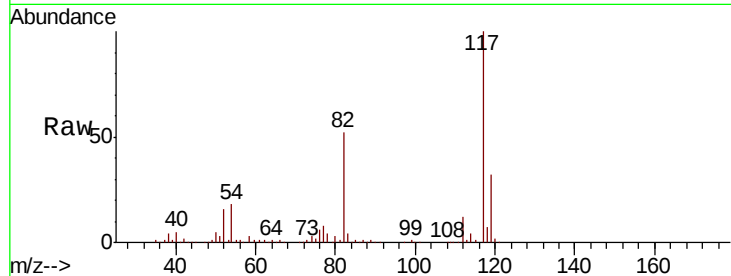
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	369790		
82	52.1	43.6	65.4	
119	31.6	25.4	38.2	

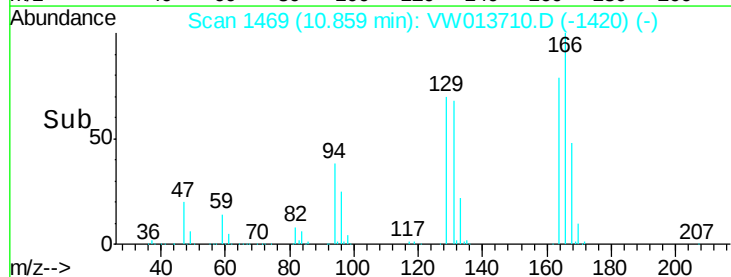
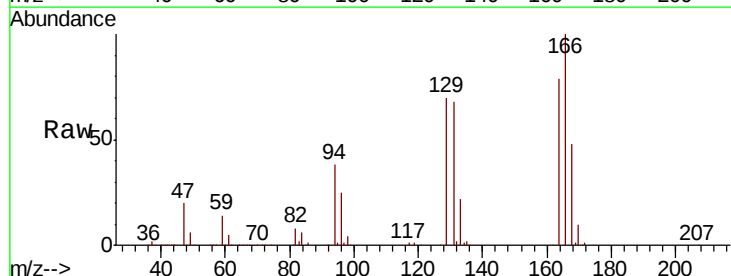
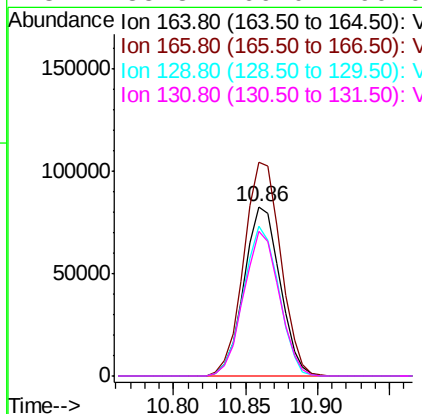
Manual Integrations
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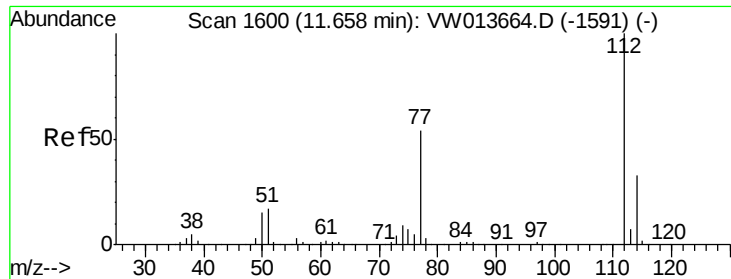
MMDadoda
10/25/2019 4:47:17 PM



#64
Tetrachloroethene
Concen: 50.439 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	142508		
166	126.4	103.2	154.8	
129	88.9	70.6	105.8	
131	85.8	66.0	99.0	





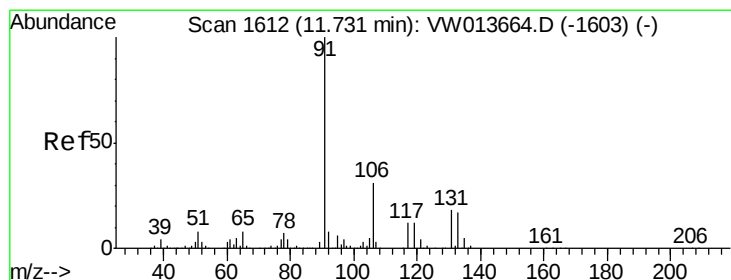
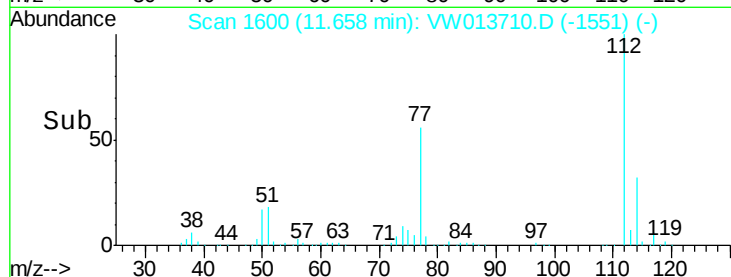
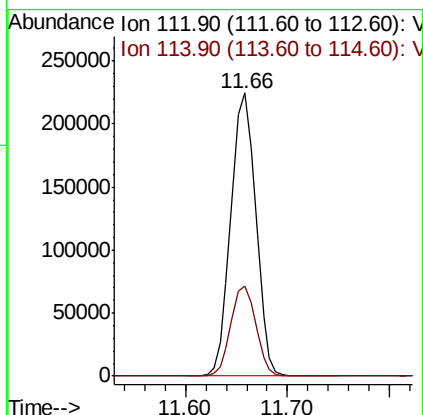
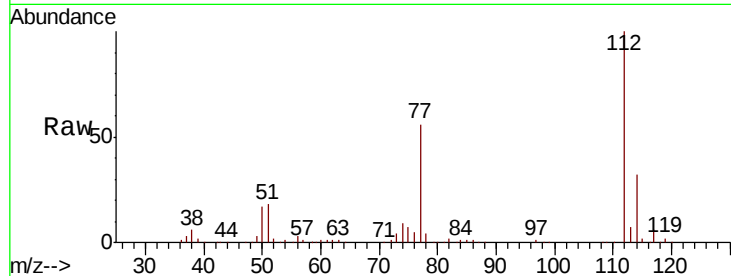
#65
Chlorobenzene
Concen: 50.089 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 380623
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4

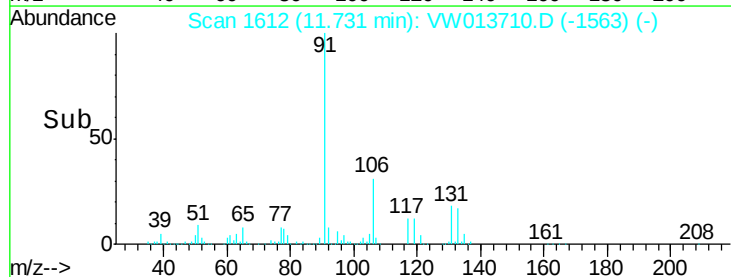
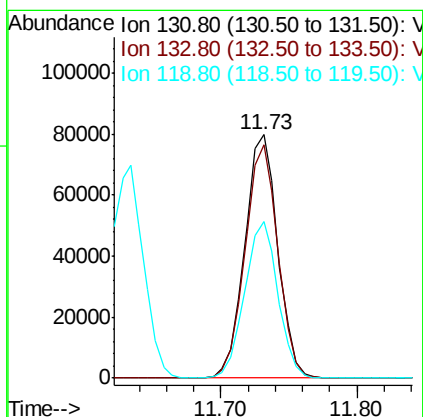
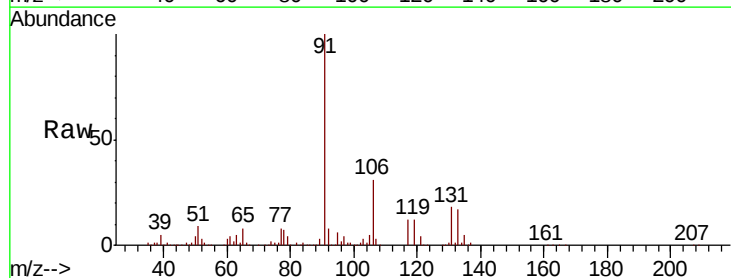
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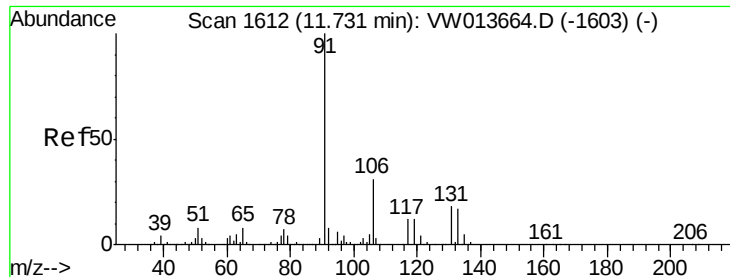
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.052 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion:131 Resp: 135389
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.3
119 64.6 33.1 99.2





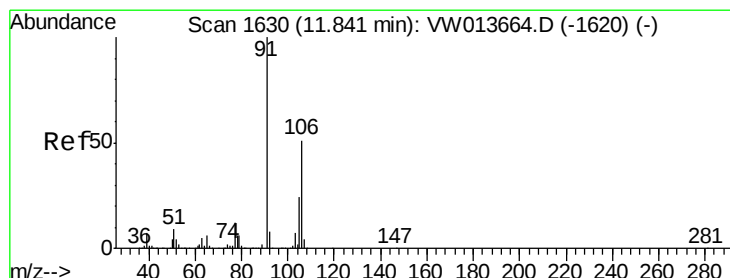
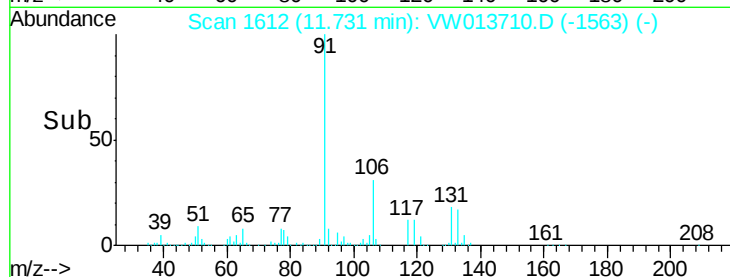
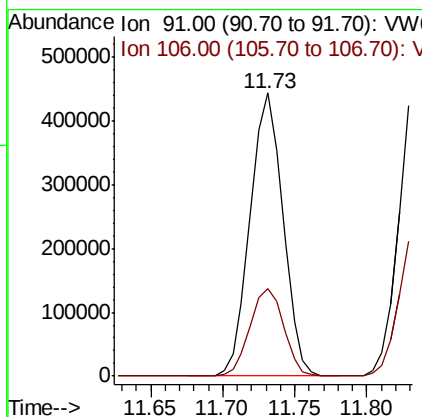
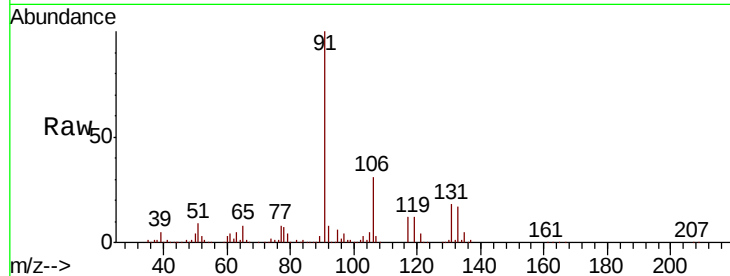
#67
Ethyl Benzene
Concen: 51.196 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 701489
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

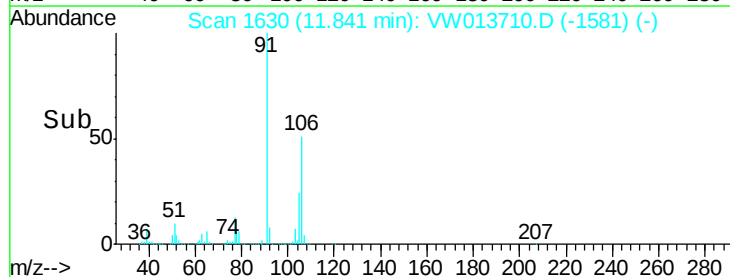
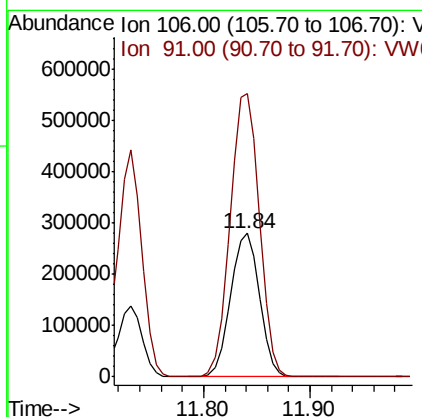
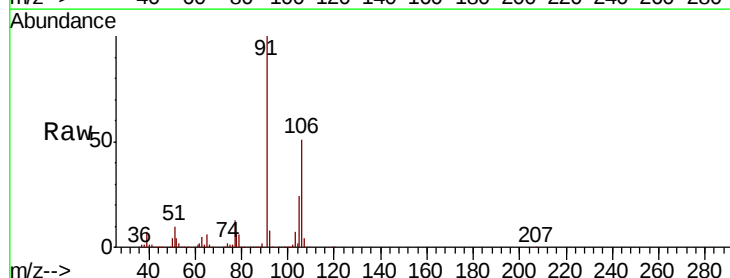
Manual Integrations
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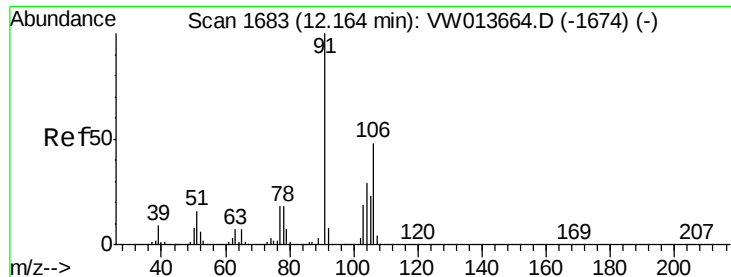
MMDadoda
10/25/2019 4:47:17 PM



#68
m/p-Xylenes
Concen: 101.117 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion: 106 Resp: 535301
Ion Ratio Lower Upper
106 100
91 198.8 159.2 238.8





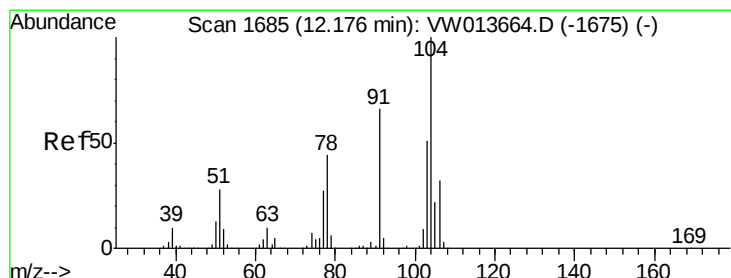
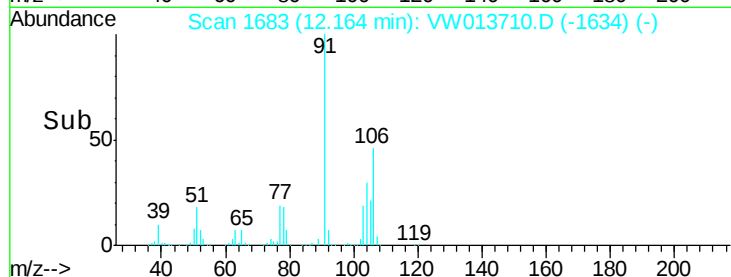
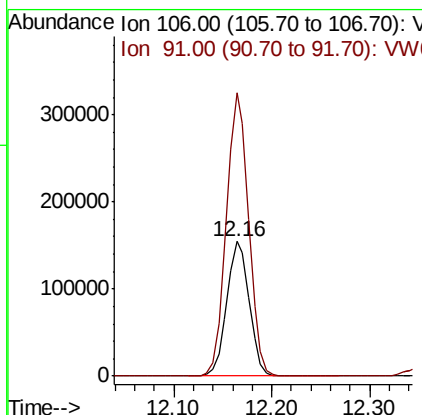
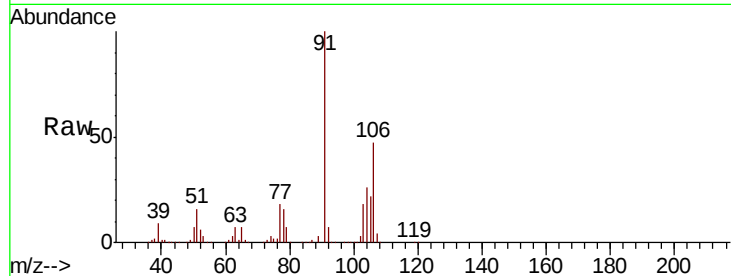
#69
o-Xylene
Concen: 50.485 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.6	104.9	314.7

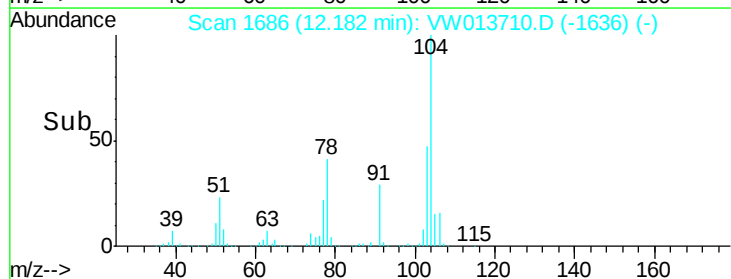
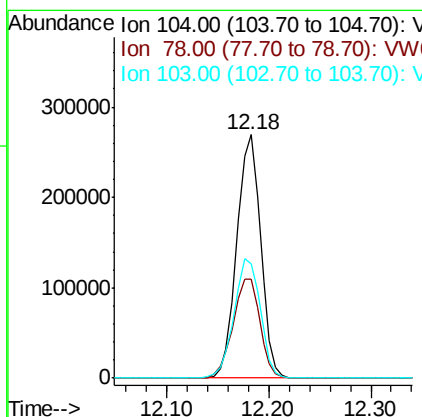
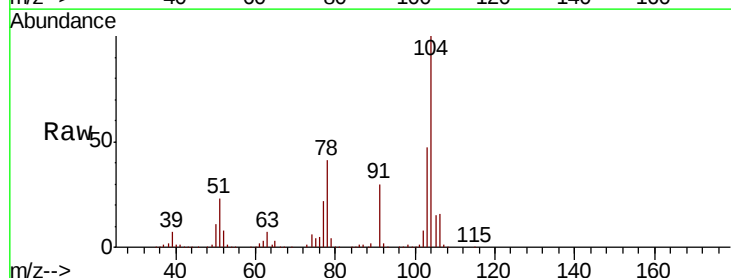
Manual Integrations
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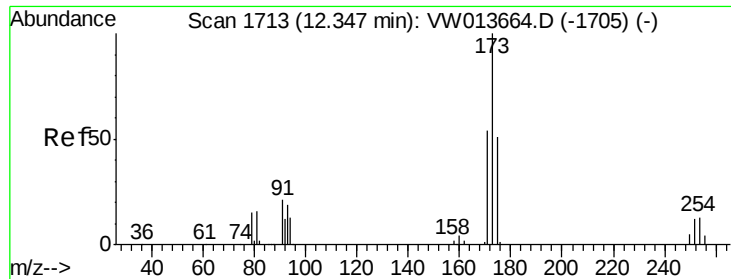
MMDadoda
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#70
Styrene
Concen: 52.011 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.0	37.1	55.7
103	53.8	43.6	65.4





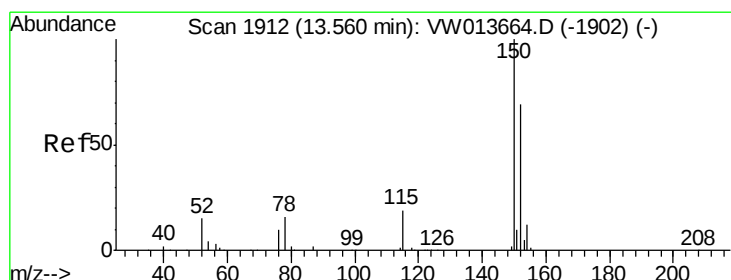
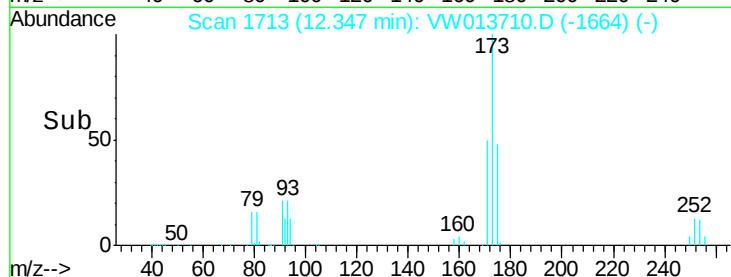
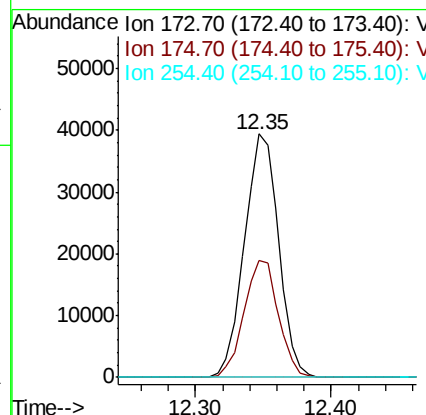
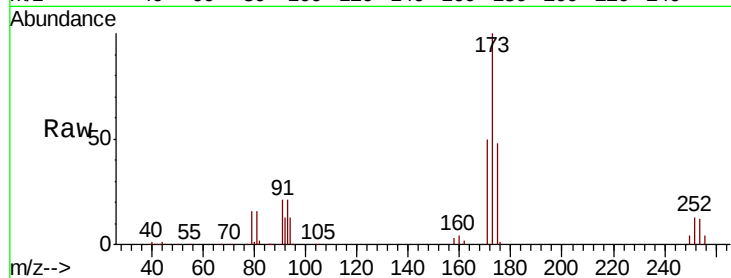
#71
Bromoform
Concen: 49.779 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	25.2	75.6
254	0.1	0.1	0.1

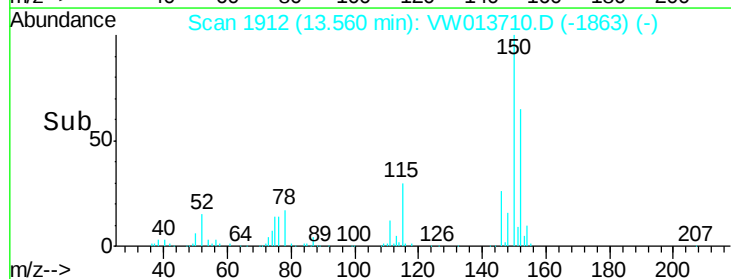
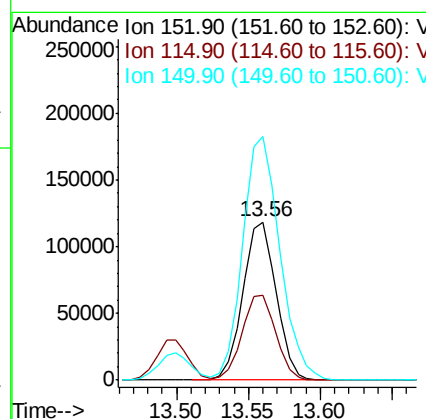
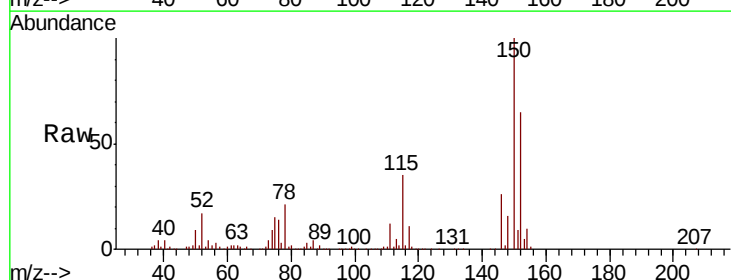
Manual Integrations
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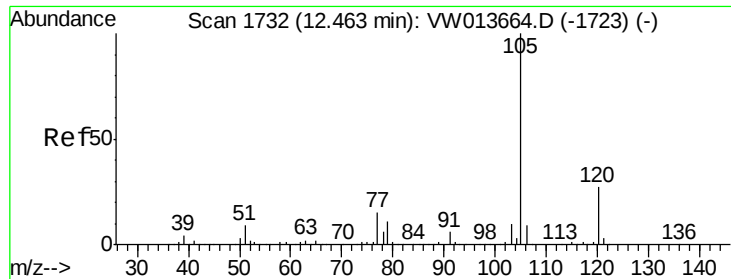
MMDadoda
10/25/2019 4:47:17 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.4	82.2
150	172.0	0.0	345.4





#73

Isopropylbenzene

Concen: 51.263 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 697587

Ion Ratio Lower Upper

105 100

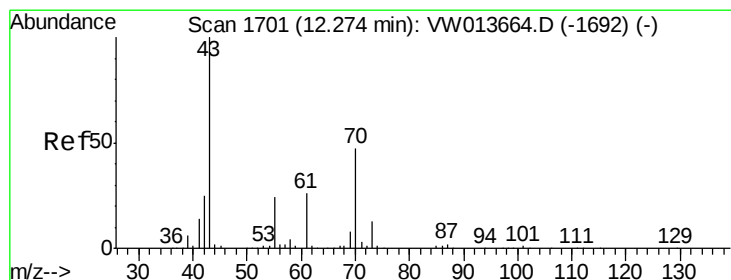
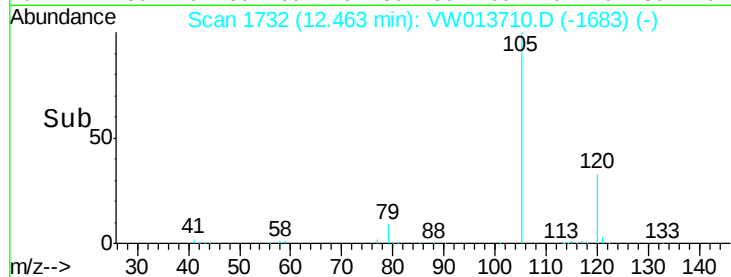
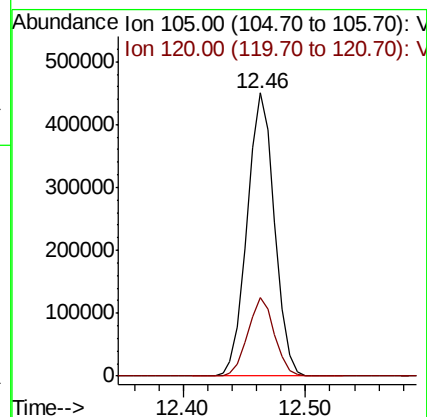
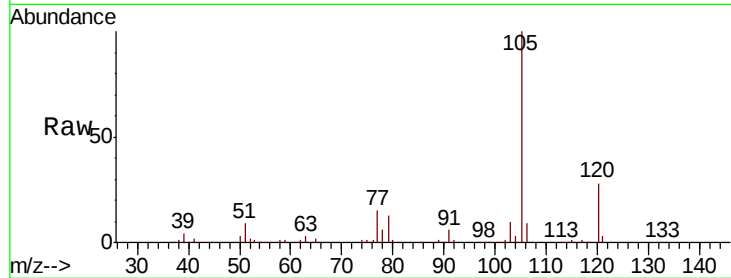
120 27.1 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.967 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Tgt Ion: 43 Resp: 131532

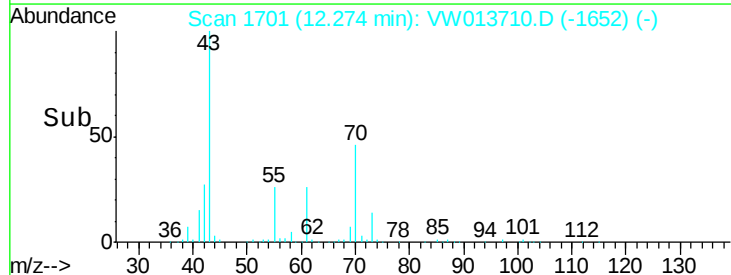
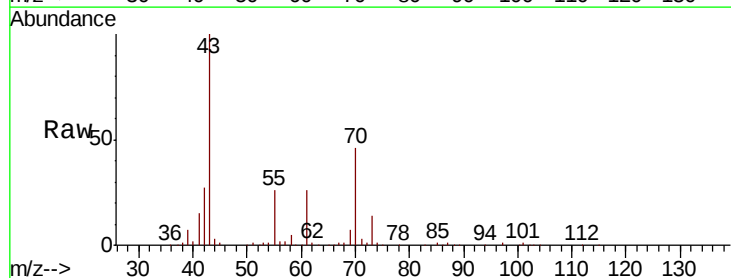
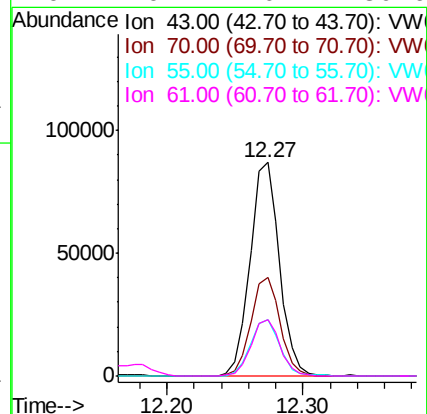
Ion Ratio Lower Upper

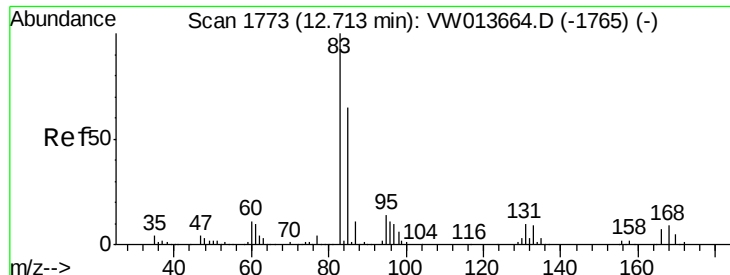
43 100

70 46.0 36.6 55.0

55 26.6 20.3 30.5

61 26.1 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.354 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Instrument :

MSVOA_W

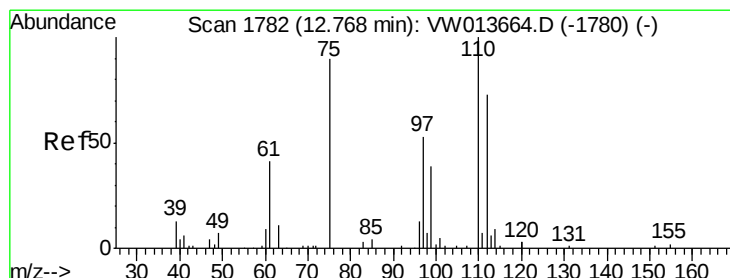
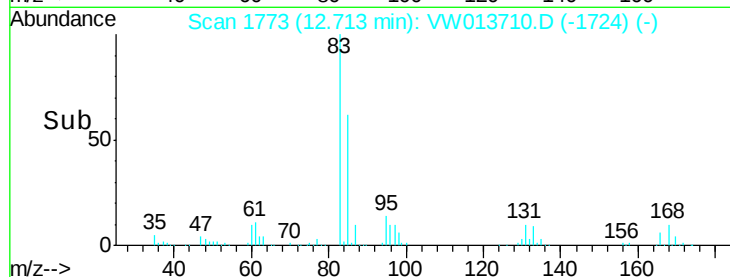
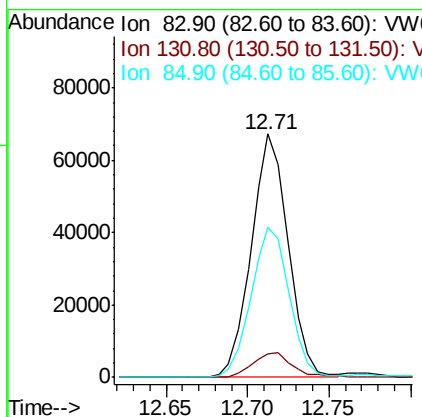
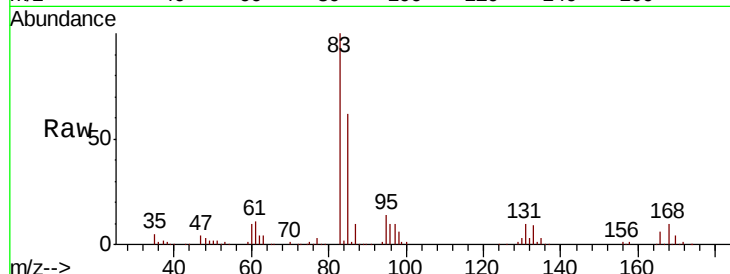
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	105984
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.7	17.1
85	63.6	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.314 ug/l m

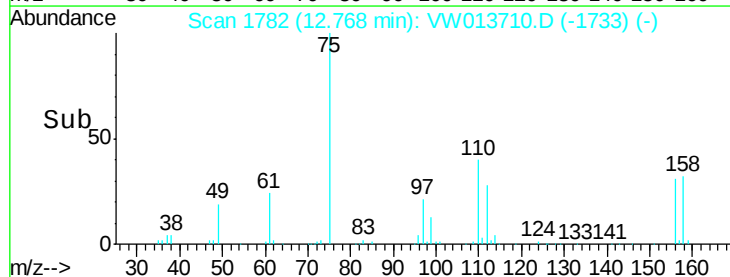
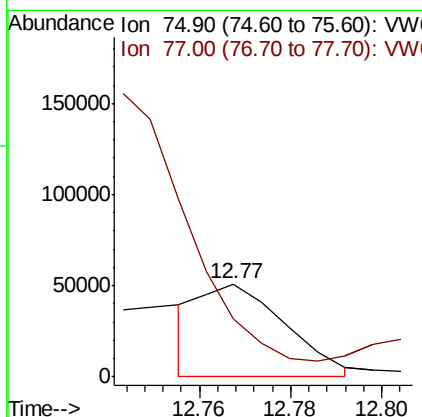
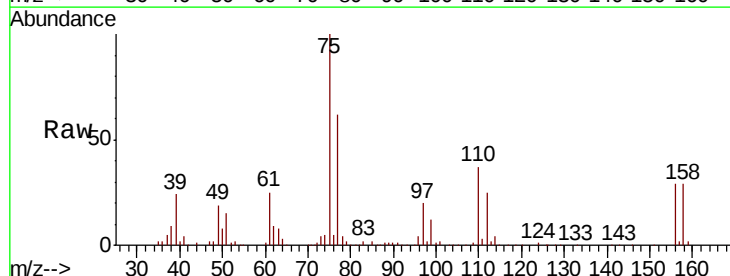
RT: 12.77 min Scan# 1782

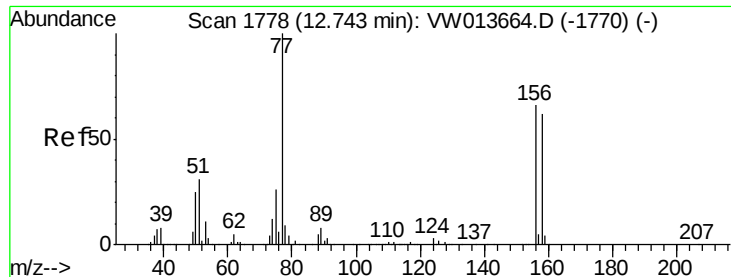
Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Tgt Ion:	75	Resp:	67107
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.177 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Instrument :

MSVOA_W

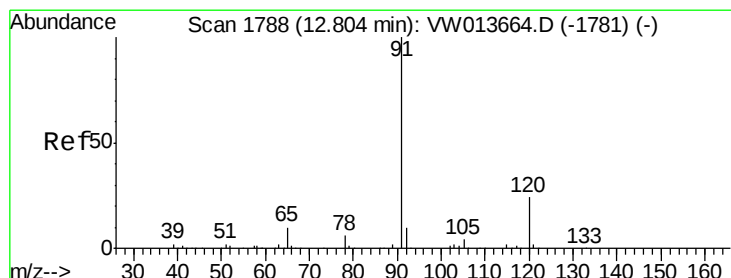
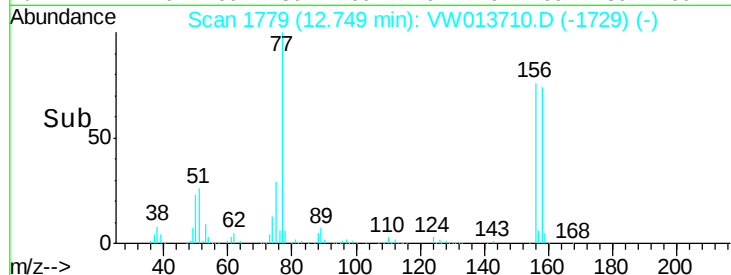
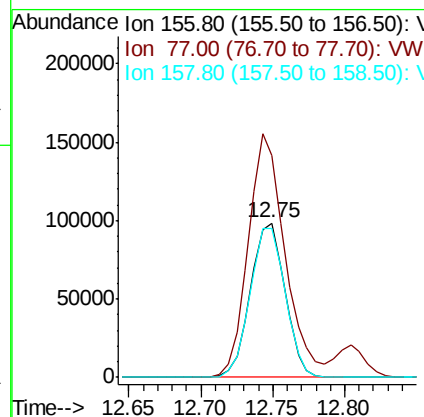
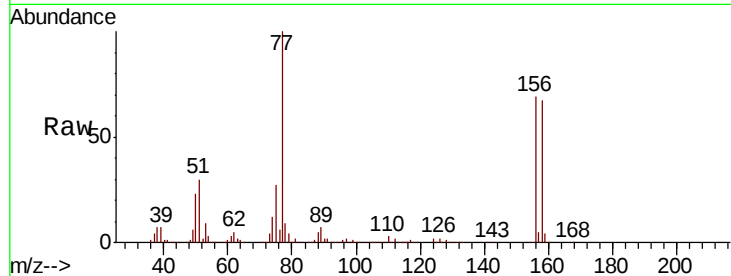
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	163113
Ion Ratio	Lower	Upper	
156	100		
77	167.9	82.9	248.7
158	98.6	48.4	145.2

Manual Integrations
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#78

n-propylbenzene

Concen: 51.655 ug/l

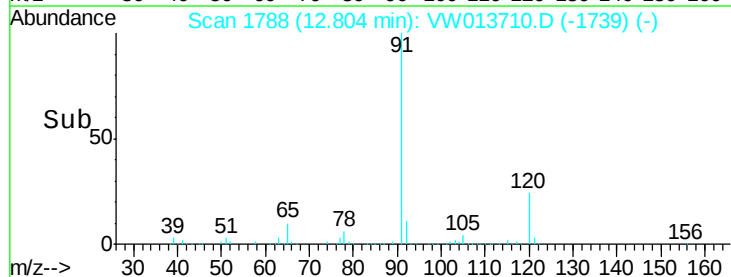
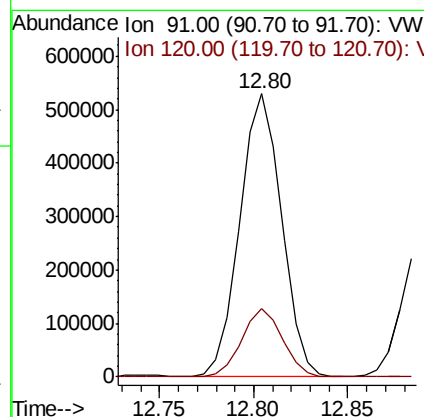
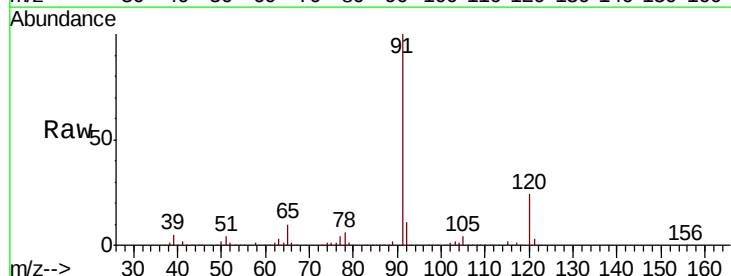
RT: 12.80 min Scan# 1788

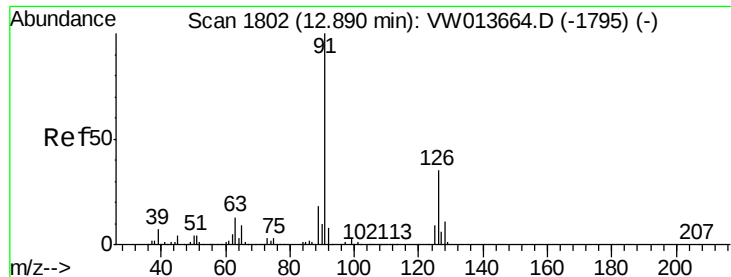
Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Tgt Ion:	91	Resp:	813589
Ion Ratio	Lower	Upper	
91	100		
120	23.6	12.0	36.0





#79

2-Chlorotoluene

Concen: 50.901 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 450532

Ion Ratio Lower Upper

91 100

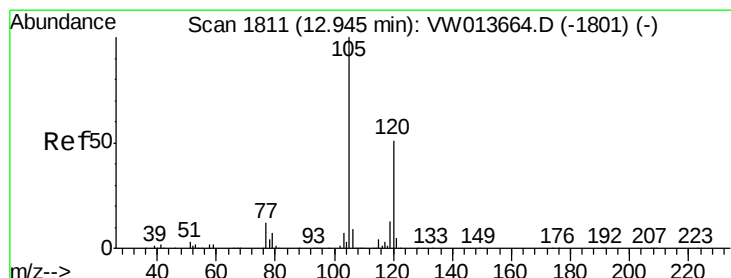
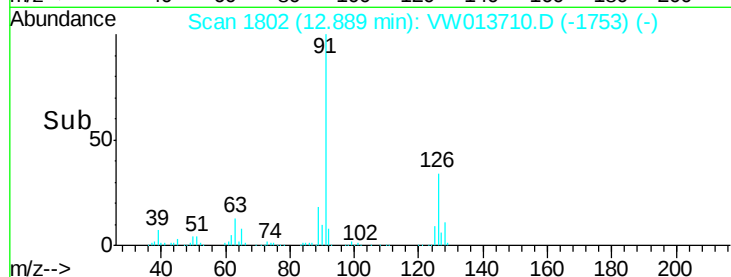
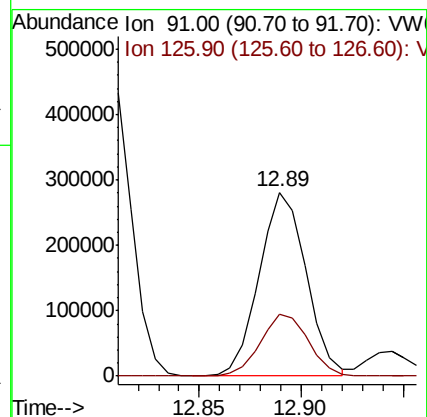
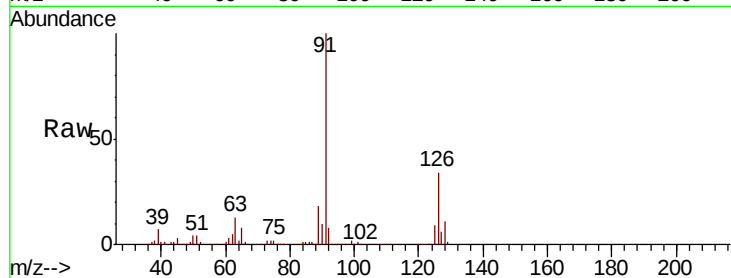
126 34.5 17.4 52.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.109 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013710.D

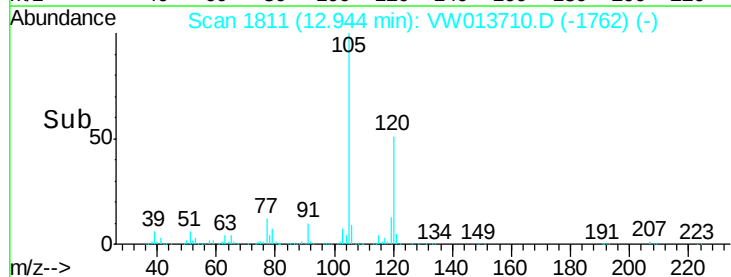
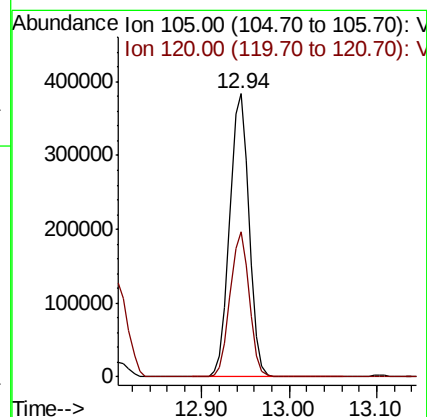
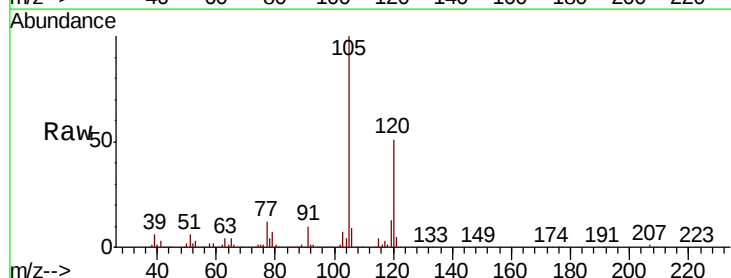
Acq: 24 Oct 2019 14:02

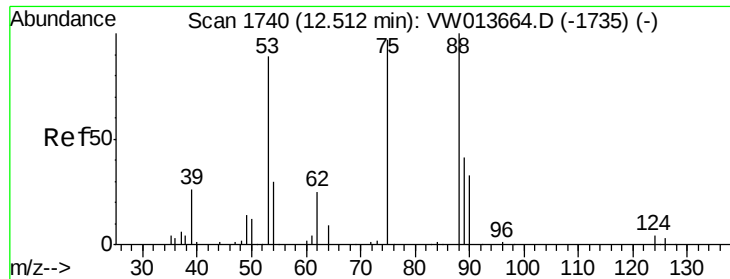
Tgt Ion: 105 Resp: 587113

Ion Ratio Lower Upper

105 100

120 50.8 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 49.078 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Instrument :

MSVOA_W

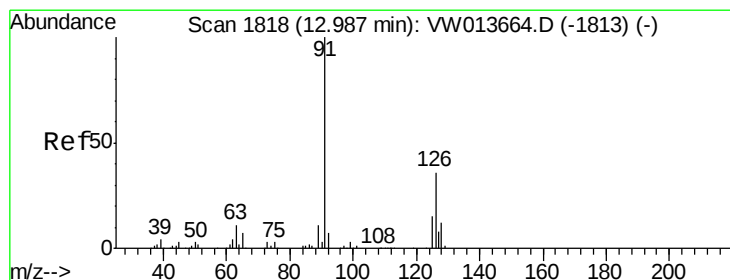
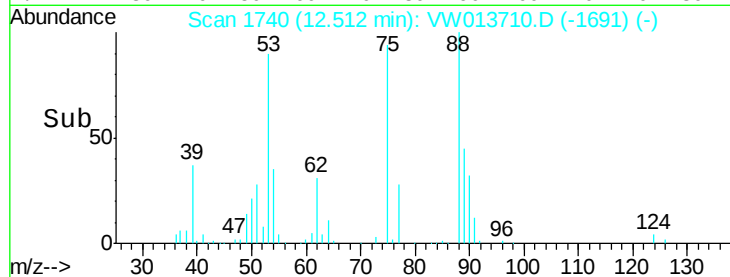
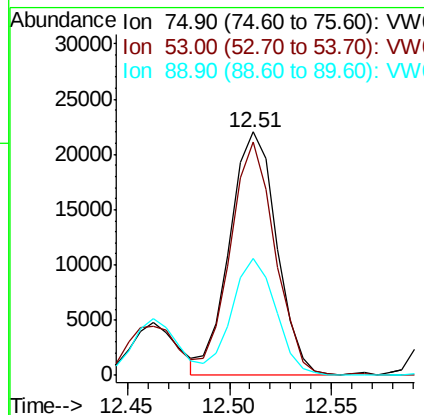
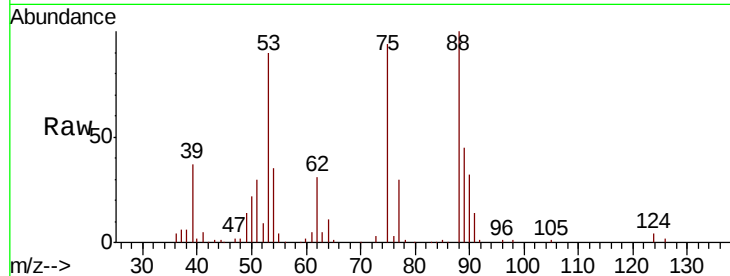
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	35339
Ion	Ratio	Lower	Upper
75	100		
53	90.7	71.7	107.5
89	44.8	35.8	53.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.695 ug/l

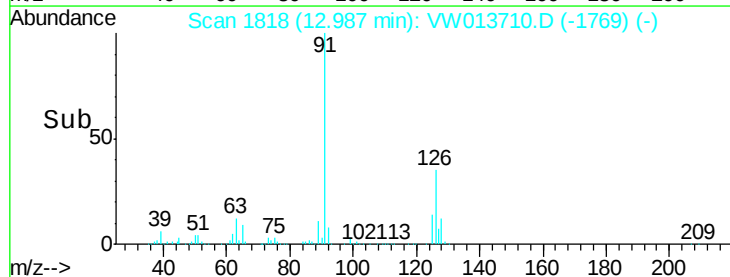
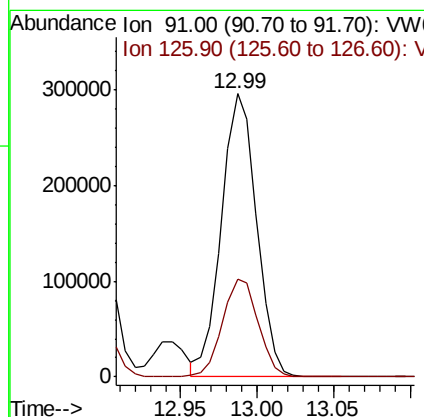
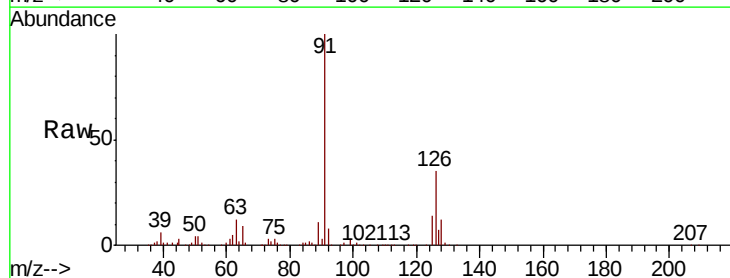
RT: 12.99 min Scan# 1818

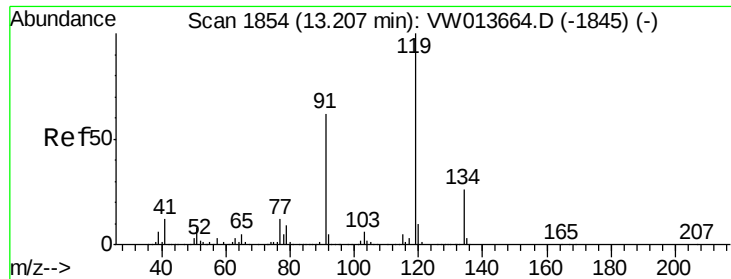
Delta R.T. -0.00 min

Lab File: VW013710.D

Acq: 24 Oct 2019 14:02

Tgt Ion:	91	Resp:	471078
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.2	51.5





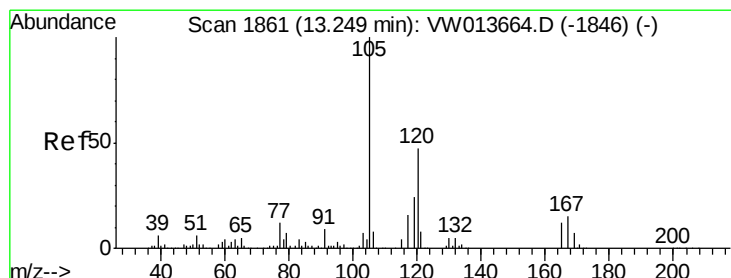
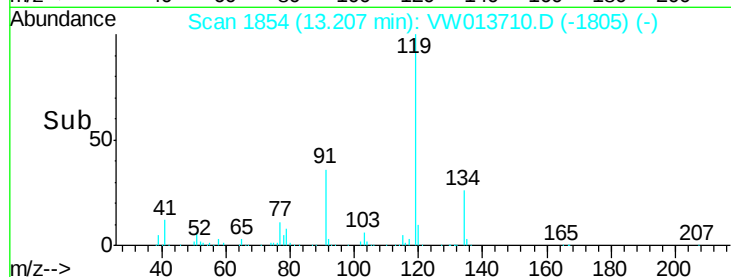
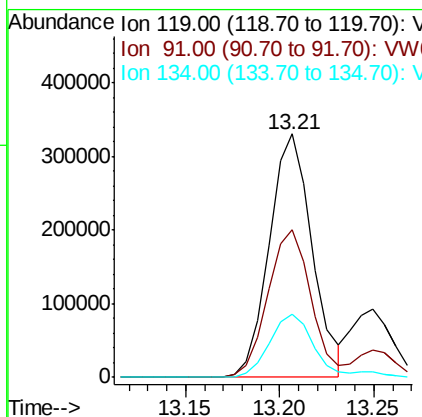
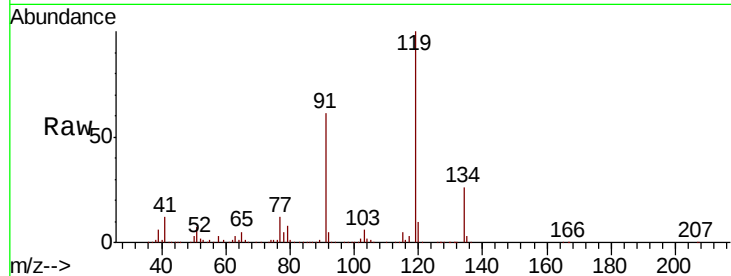
#83
tert-Butylbenzene
Concen: 51.106 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.9	30.4	91.3
134	26.1	13.6	40.8

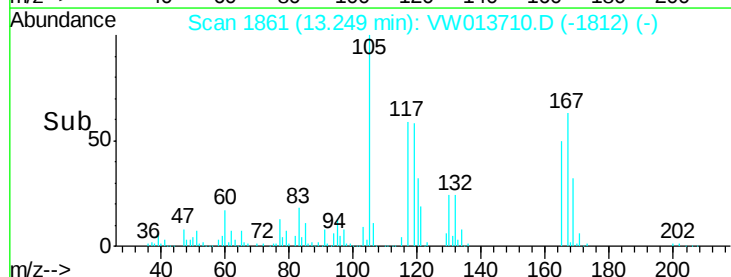
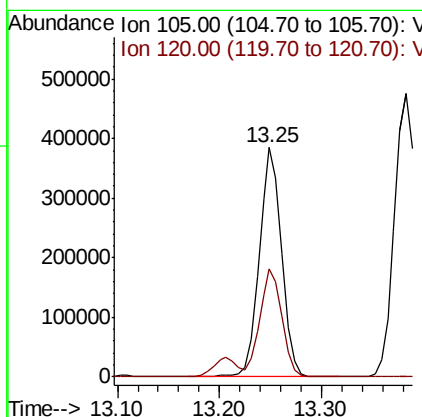
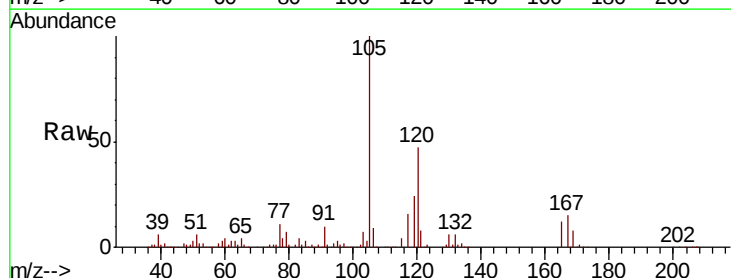
Manual Integrations
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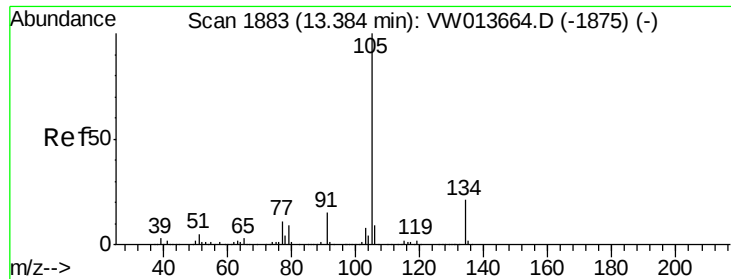
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.950 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.5	70.5





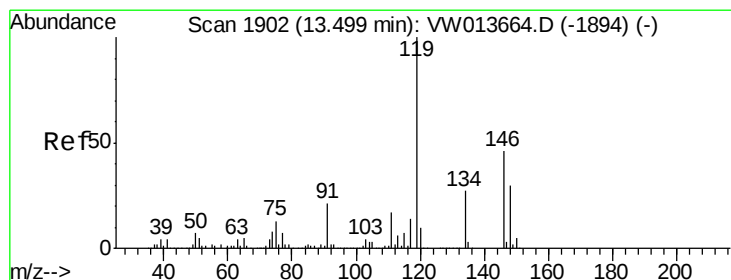
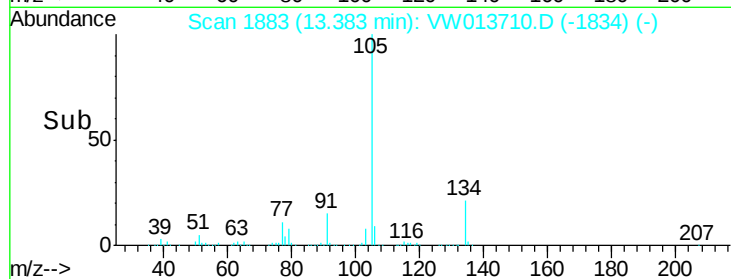
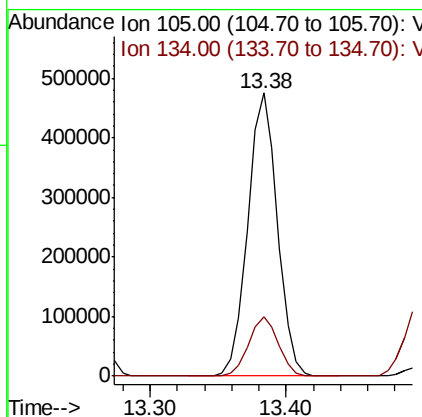
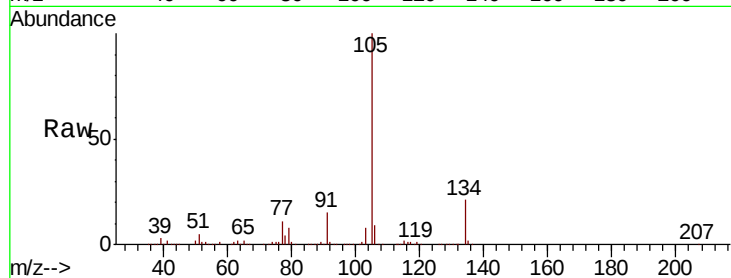
#85
 sec-Butylbenzene
 Concen: 51.996 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.5	31.5

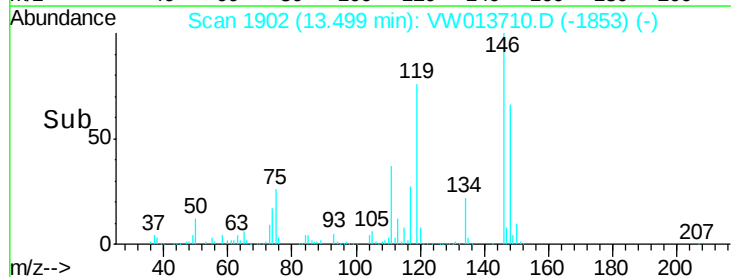
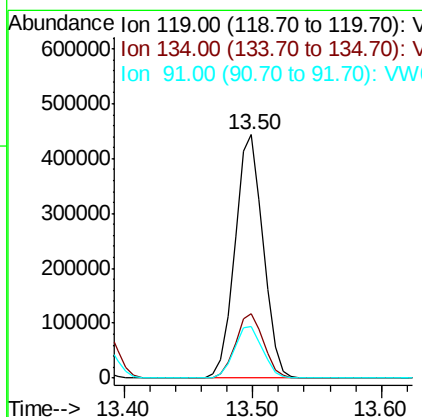
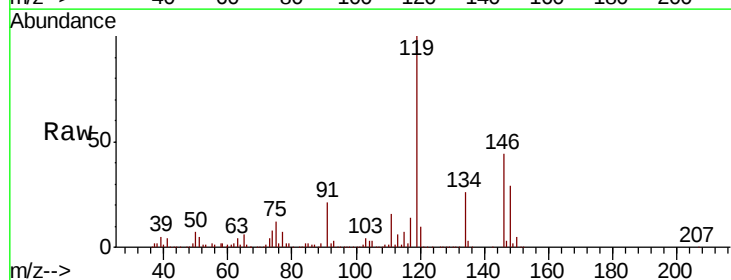
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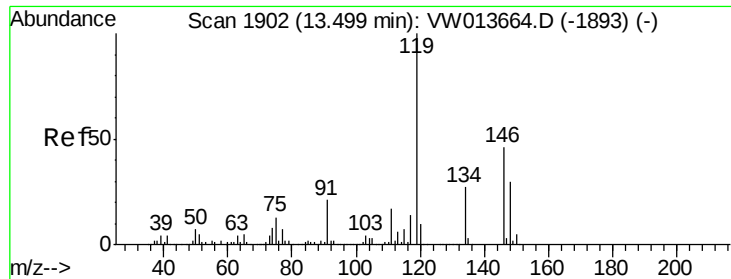
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#86
 p-Isopropyltoluene
 Concen: 51.359 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.4	40.1
91	21.6	10.8	32.3





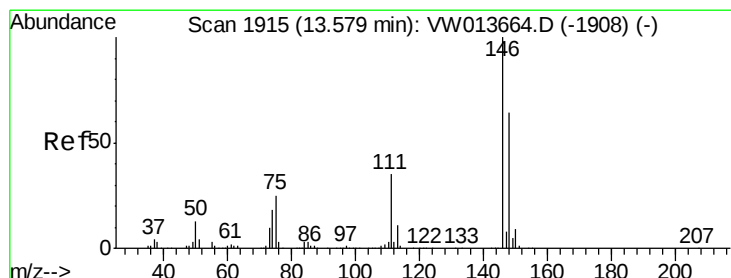
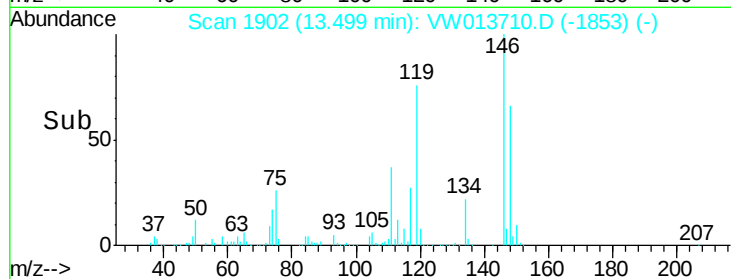
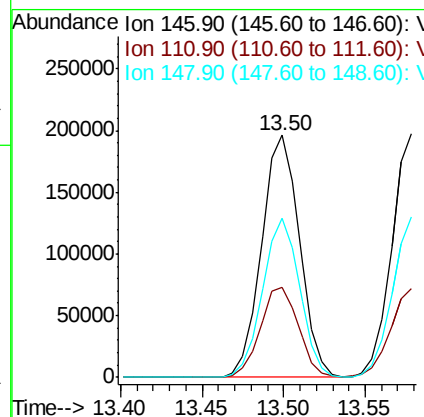
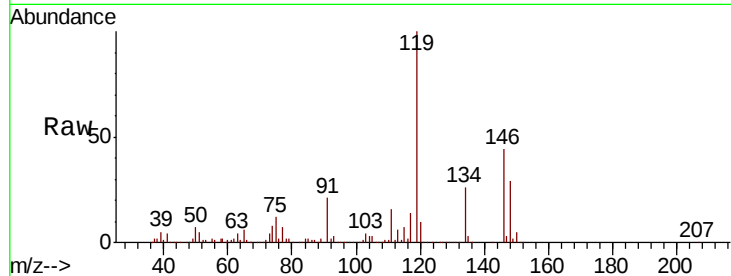
#87
 1,3-Dichlorobenzene
 Concen: 50.435 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	317663		
111	37.3	18.6	56.0	
148	64.4	31.7	95.1	

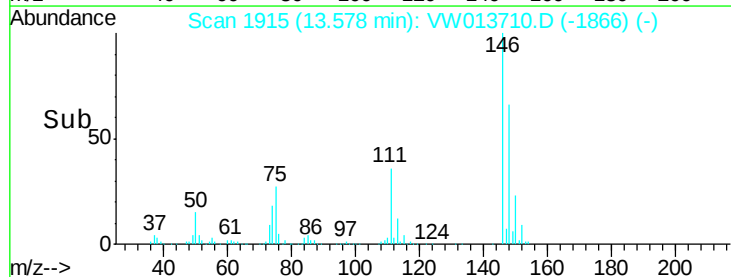
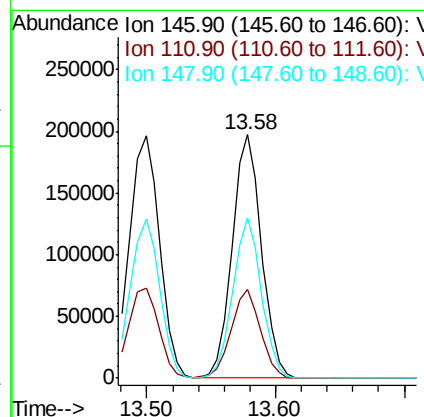
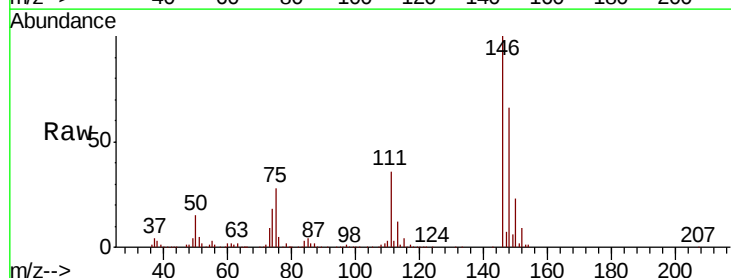
Manual Integrations
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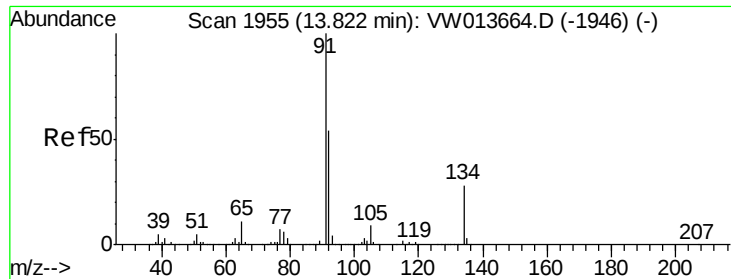
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#88
 1,4-Dichlorobenzene
 Concen: 49.972 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	312686		
111	36.6	18.1	54.3	
148	64.5	32.0	96.2	





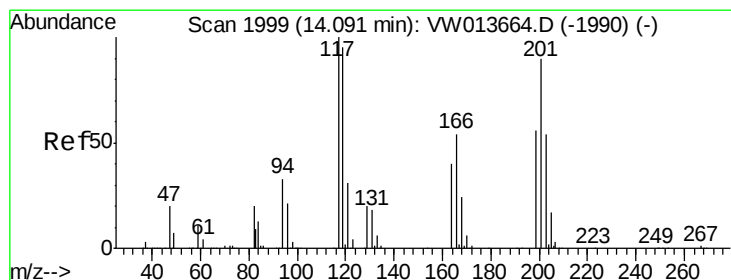
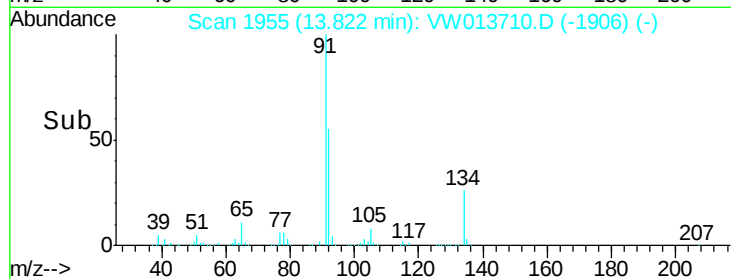
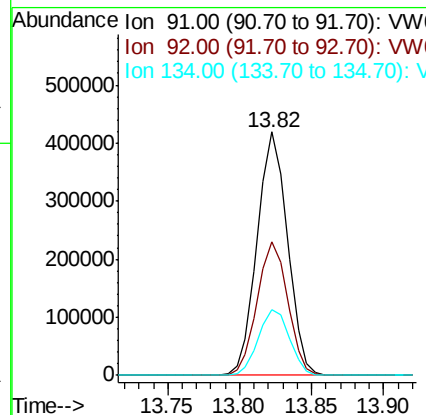
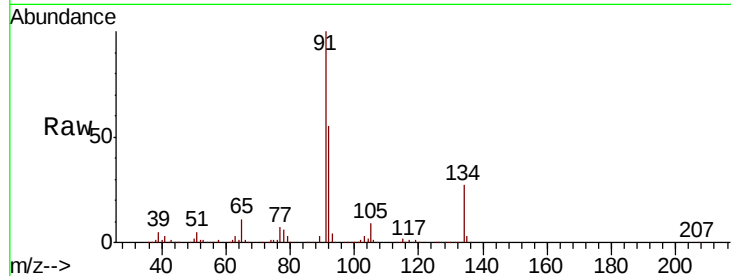
#89
n-Butylbenzene
Concen: 51.958 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.5	82.4
134	27.9	14.0	41.9

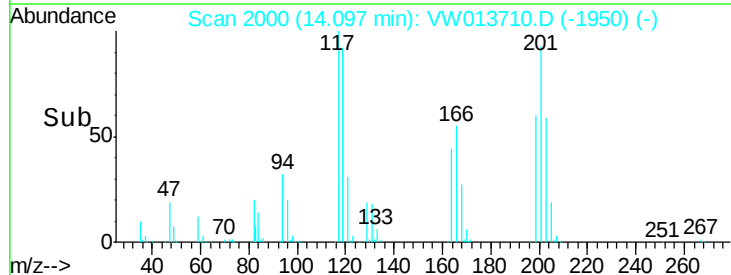
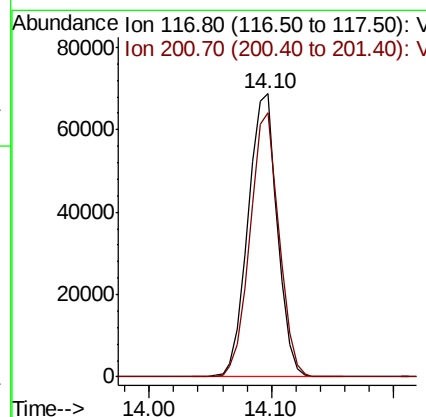
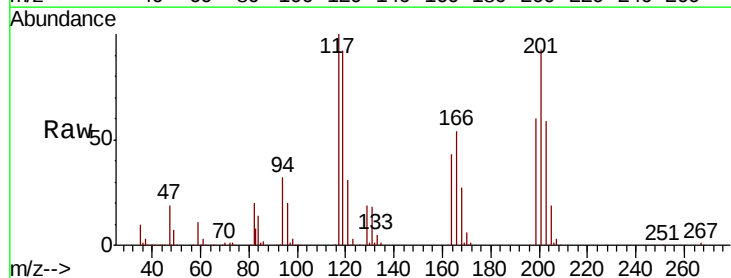
Manual Integrations
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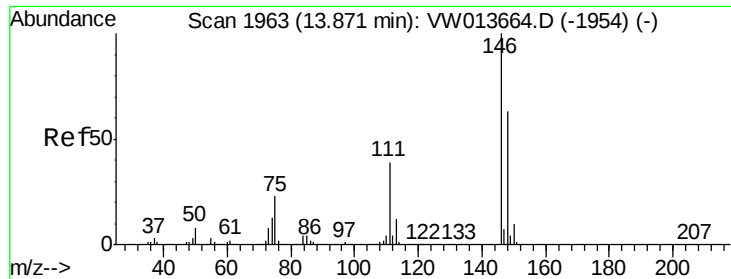
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#90
Hexachloroethane
Concen: 50.695 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.4	46.1	138.2





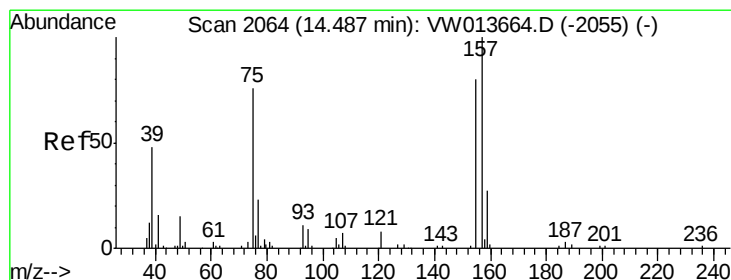
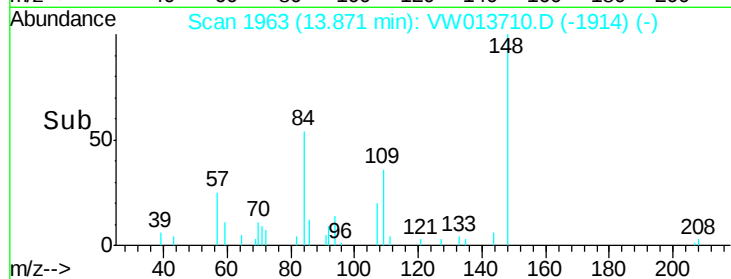
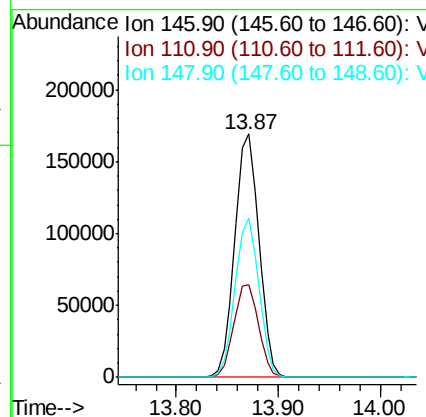
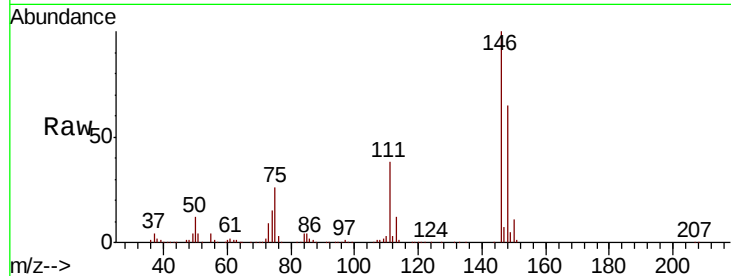
#91
 1,2-Dichlorobenzene
 Concen: 50.731 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.9	59.6
148	64.5	31.9	95.9

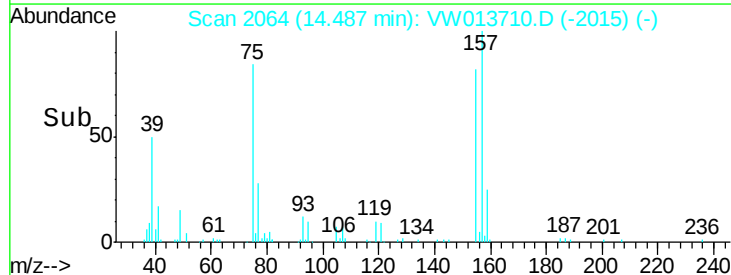
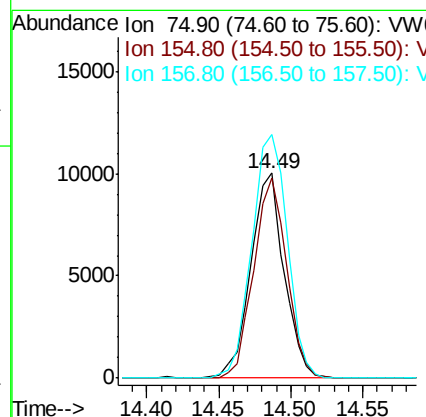
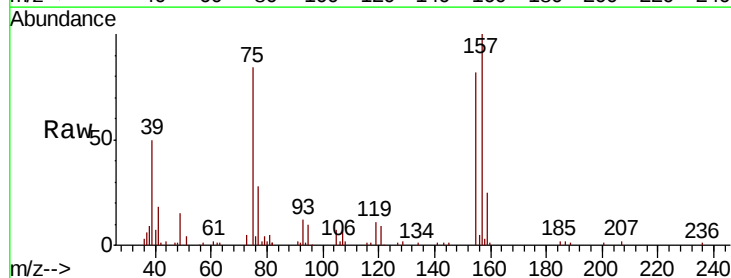
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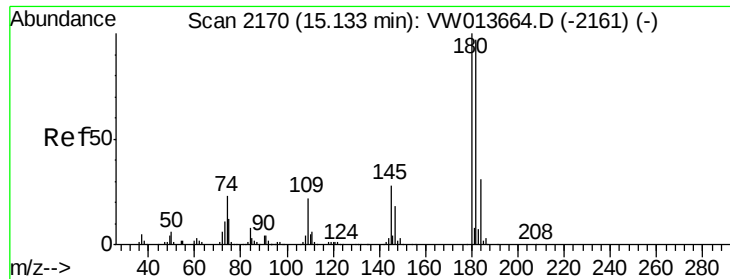
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.298 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.3	51.9	155.7
157	126.6	64.8	194.3





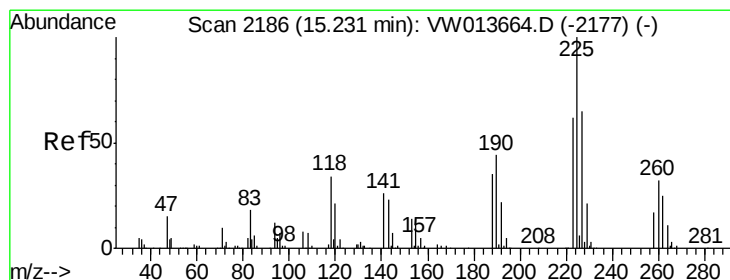
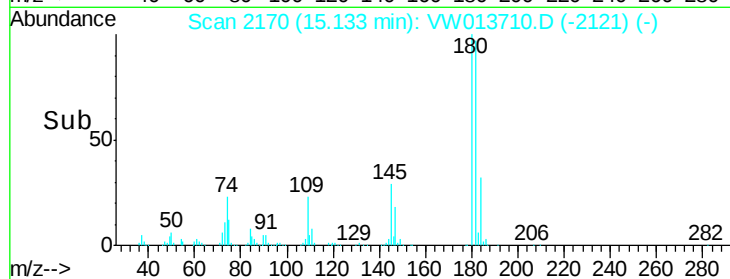
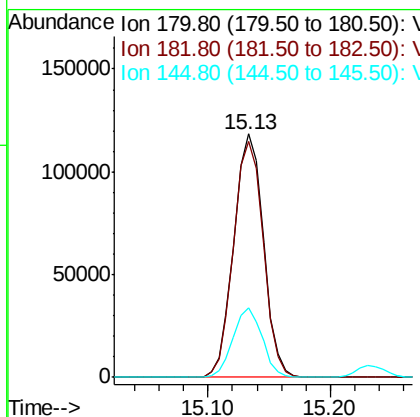
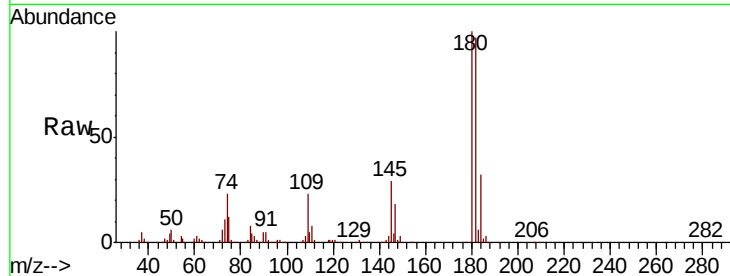
#93
 1,2,4-Trichlorobenzene
 Concen: 49.934 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	198461		
182	97.3	47.4	142.2	
145	28.1	14.1	42.3	

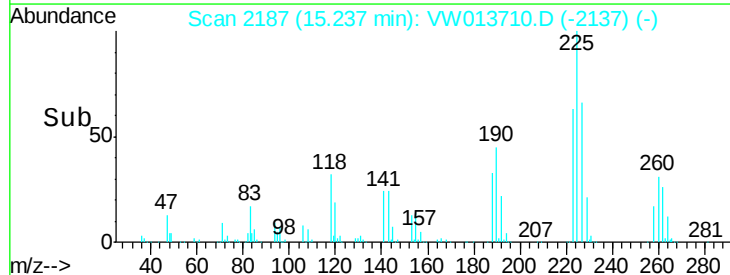
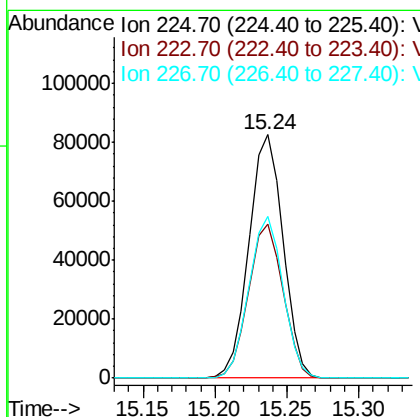
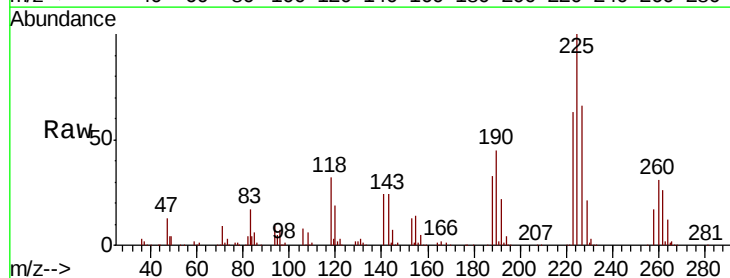
Manual Integrations
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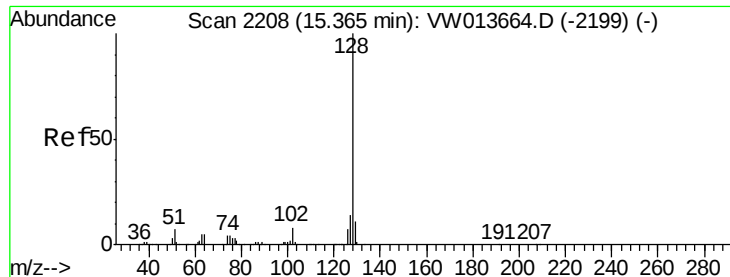
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#94
 Hexachlorobutadiene
 Concen: 50.448 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW013710.D
 Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	135357		
223	64.1	31.9	95.9	
227	66.2	32.5	97.4	





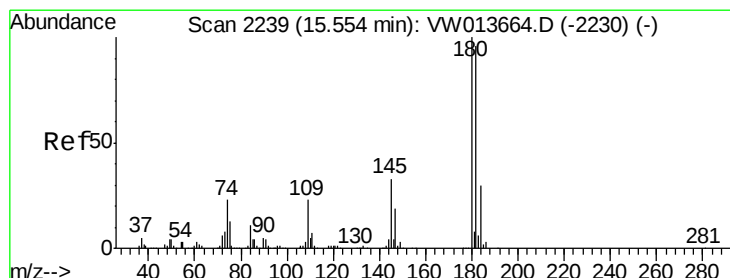
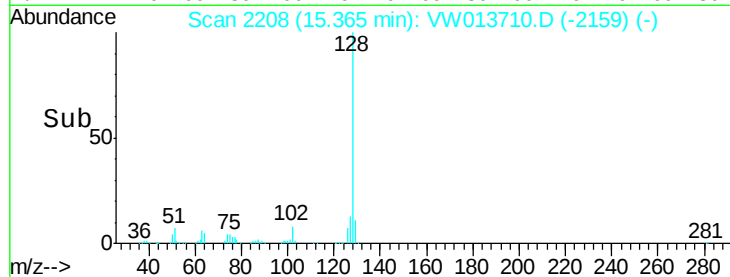
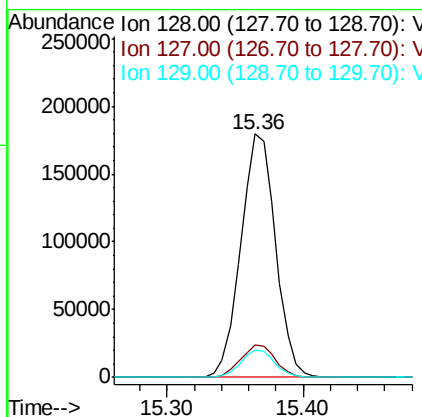
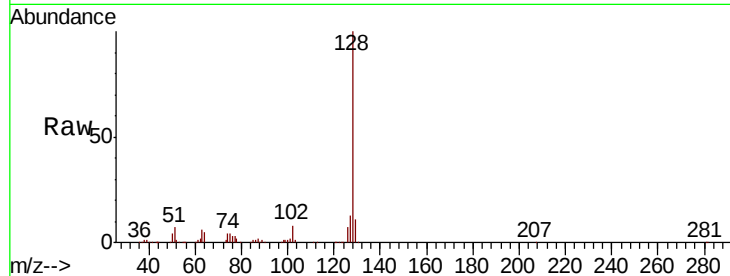
#95
Naphthalene
Concen: 51.524 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.836 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013710.D
Acq: 24 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.4	142.3
145	30.2	14.9	44.9

