

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013762.D
 Acq On : 28 Oct 2019 13:21
 Operator : SY/VA
 Sample : VW1028SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1028SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2019 2:05:09 PM

Quant Time: Oct 29 11:05:50 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	322034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	454823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	198778	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	123448	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
35) Dibromofluoromethane	7.88	113	126913	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.32	98	528037	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.62	95	176374	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	39213	23.113	ug/l	97
3) Chloromethane	2.21	50	42224	23.158	ug/l	98
4) Vinyl Chloride	2.37	62	63927	23.216	ug/l	95
5) Bromomethane	2.78	94	39118	21.601	ug/l	99
6) Chloroethane	2.92	64	36138	21.689	ug/l	99
7) Trichlorofluoromethane	3.26	101	40679	23.652	ug/l	95
8) Diethyl Ether	3.68	74	30375	21.860	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	60075	21.486	ug/l	99
10) Methyl Iodide	4.28	142	96028	21.076	ug/l	99
11) Tert butyl alcohol	5.20	59	16851	116.845	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	60889	21.082	ug/l	98
13) Acrolein	3.90	56	13931	84.316	ug/l	98
14) Allyl chloride	4.67	41	93513	21.057	ug/l	99
15) Acrylonitrile	5.37	53	63646	112.644	ug/l	96
16) Acetone	4.13	43	50539	98.666	ug/l	93
17) Carbon Disulfide	4.39	76	178593	21.532	ug/l	100
18) Methyl Acetate	4.67	43	33309	23.722	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	76313	22.019	ug/l	100
20) Methylene Chloride	4.92	84	66367	20.774	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	66359	21.347	ug/l	99
22) Diisopropyl ether	6.31	45	169253	20.893	ug/l	96
23) Vinyl Acetate	6.26	43	499469	106.260	ug/l	99
24) 1,1-Dichloroethane	6.21	63	106960	20.848	ug/l	99
25) 2-Butanone	7.17	43	76156	103.414	ug/l	97
26) 2,2-Dichloropropane	7.17	77	65007	21.912	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	68254	20.672	ug/l	98
28) Bromochloromethane	7.51	49	27185	15.814	ug/l #	99
29) Tetrahydrofuran	7.53	42	50757	111.329	ug/l	100
30) Chloroform	7.68	83	105876	20.876	ug/l	96
31) Cyclohexane	7.96	56	111126	20.697	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	86402	21.709	ug/l	99
36) 1,1-Dichloropropene	8.08	75	90613	21.392	ug/l	99
37) Ethyl Acetate	7.25	43	36586	22.564	ug/l	99
38) Carbon Tetrachloride	8.07	117	82296	21.575	ug/l	95

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 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)
39) Methylcyclohexane	9.34	83	115477	21.110	ug/l	99
40) Benzene	8.32	78	253353	21.135	ug/l	97
41) Methacrylonitrile	7.48	41	22278	22.033	ug/l	93
42) 1,2-Dichloroethane	8.40	62	65141	21.565	ug/l	99
43) Isopropyl Acetate	8.43	43	66085	21.292	ug/l	99
44) Trichloroethene	9.09	130	70908	20.650	ug/l	100
45) 1,2-Dichloropropane	9.37	63	60083	20.984	ug/l	99
46) Dibromomethane	9.46	93	29421	21.171	ug/l	98
47) Bromodichloromethane	9.65	83	74101	20.608	ug/l	98
48) Methyl methacrylate	9.44	41	32911	21.383	ug/l	99
49) 1,4-Dioxane	9.46	88	9436	459.493	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	166424	107.907	ug/l	100
52) Toluene	10.39	92	161607	20.900	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	75903	20.852	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	92990	20.706	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	43987	21.238	ug/l	96
56) Ethyl methacrylate	10.65	69	54881	21.179	ug/l	99
57) 1,3-Dichloropropane	10.93	76	76371	21.488	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	123297	103.386	ug/l	100
59) 2-Hexanone	10.97	43	113884	107.110	ug/l	99
60) Dibromochloromethane	11.13	129	50944	20.717	ug/l	97
61) 1,2-Dibromoethane	11.23	107	41761	21.313	ug/l	100
64) Tetrachloroethene	10.86	164	62542	21.384	ug/l	97
65) Chlorobenzene	11.66	112	167693	21.318	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	58248	21.217	ug/l	100
67) Ethyl Benzene	11.73	91	301869	21.282	ug/l	97
68) m/p-Xylenes	11.84	106	236316	43.122	ug/l	97
69) o-Xylene	12.16	106	106549	21.152	ug/l	99
70) Styrene	12.18	104	184834	21.357	ug/l	100
71) Bromoform	12.35	173	30665	21.285	ug/l #	97
73) Isopropylbenzene	12.46	105	296303	20.757	ug/l	99
74) N-amyl acetate	12.27	43	57292	20.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48296	21.440	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	32003m	22.419	ug/l	
77) Bromobenzene	12.74	156	71113	20.854	ug/l	97
78) n-propylbenzene	12.80	91	349899	21.177	ug/l	100
79) 2-Chlorotoluene	12.89	91	193806	20.873	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	256465	21.283	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	16465	21.798	ug/l	99
82) 4-Chlorotoluene	12.99	91	205612	21.093	ug/l	99
83) tert-Butylbenzene	13.21	119	221584	20.716	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	251088	21.123	ug/l	99
85) sec-Butylbenzene	13.38	105	307995	21.057	ug/l	100
86) p-Isopropyltoluene	13.50	119	287360	21.090	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	140091	21.203	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	137450	20.940	ug/l	99
89) n-Butylbenzene	13.82	91	263306	21.410	ug/l	100
90) Hexachloroethane	14.09	117	49031	20.703	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	120653	21.061	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7617	22.361	ug/l	95

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Instrument :
MSVOA_W
ClientSampleId :
VW1028SBSD01

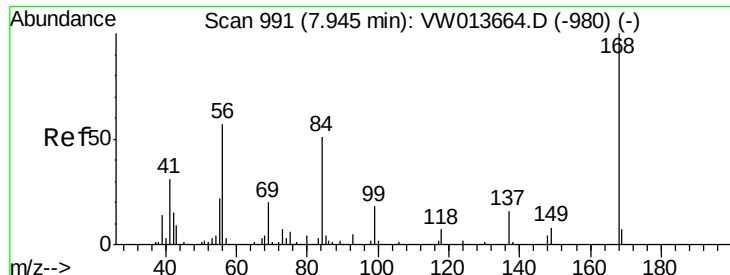
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	85843	20.590	ug/l	99
94) Hexachlorobutadiene	15.24	225	58737	20.869	ug/l	100
95) Naphthalene	15.36	128	139274	21.306	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	75335	20.970	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1028SBS01

Tot Ion:168 Resp: 322034

Ion Ratio Lower Upper

168 100

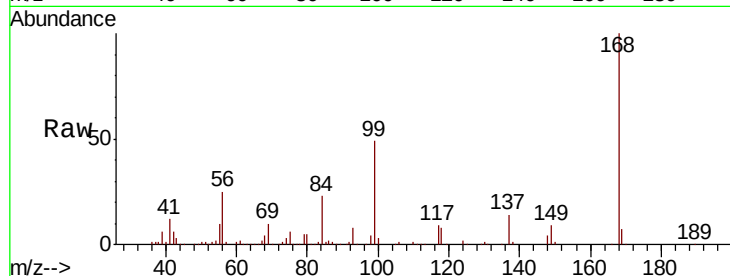
99 49.3 39.0 58.6

Manual Integrations

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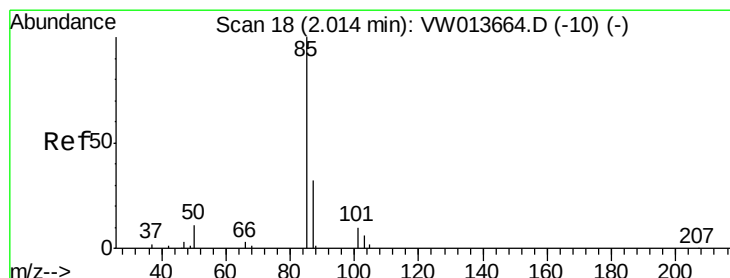
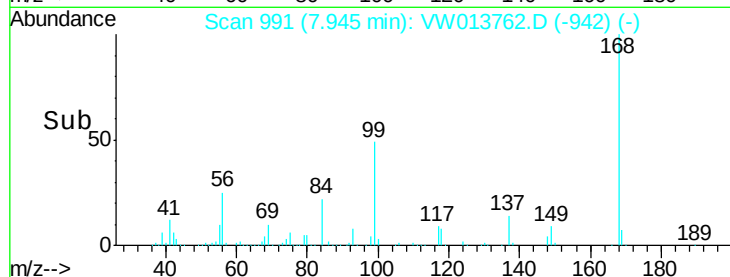
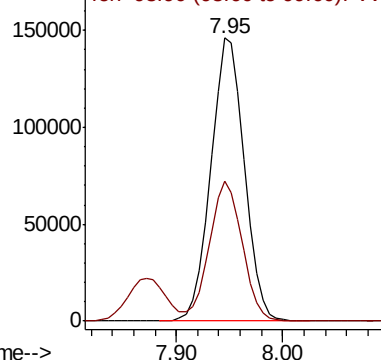
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 23.113 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW013762.D

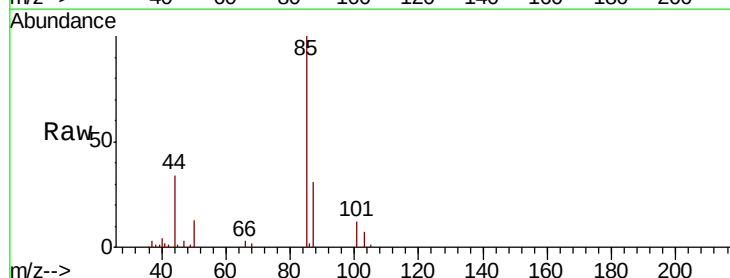
Acq: 28 Oct 2019 13:21

Tgt Ion: 85 Resp: 39213

Ion Ratio Lower Upper

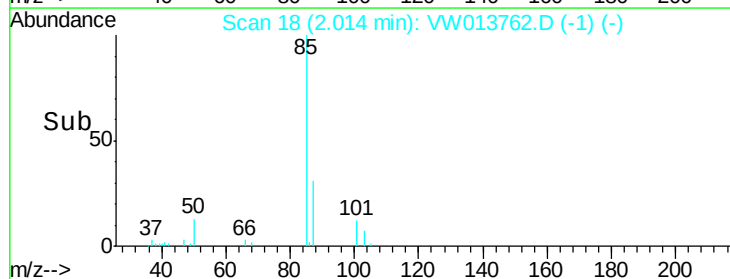
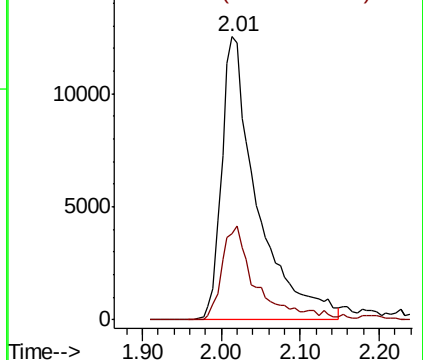
85 100

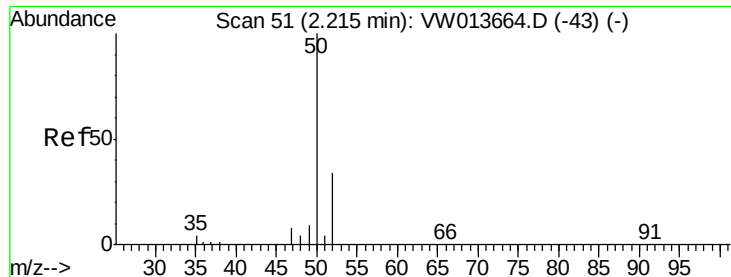
87 30.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 23.158 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1028SBSD01

Tot Ion: 50 Resp: 42224

Ion Ratio Lower Upper

50 100

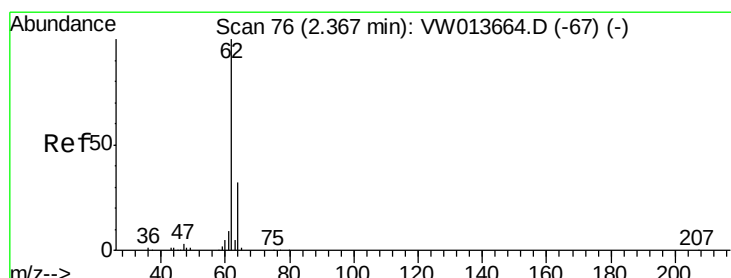
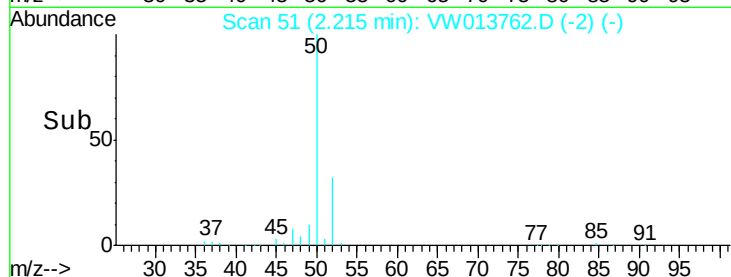
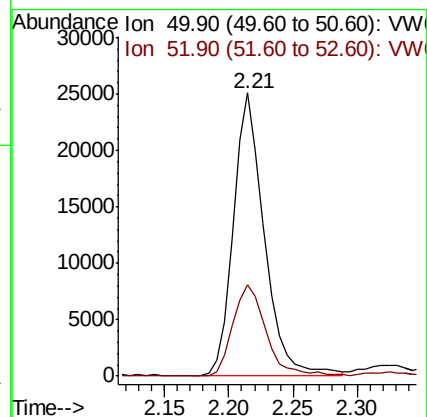
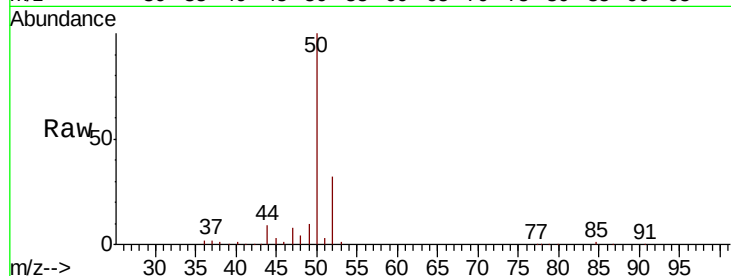
52 32.4 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 23.216 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW013762.D

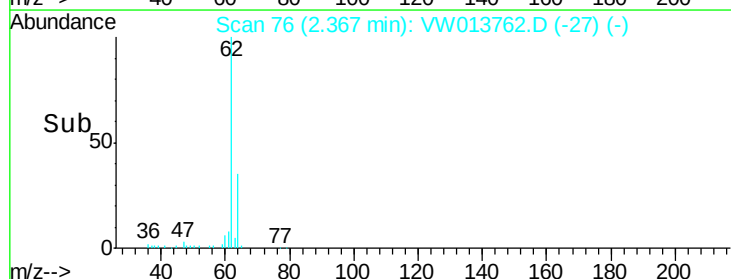
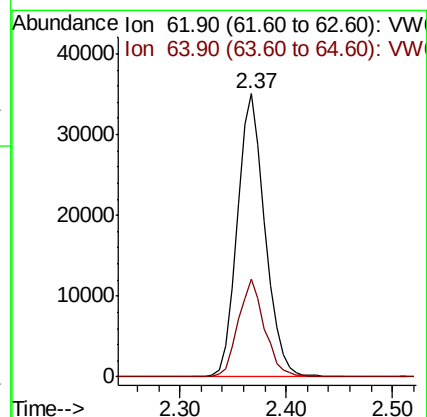
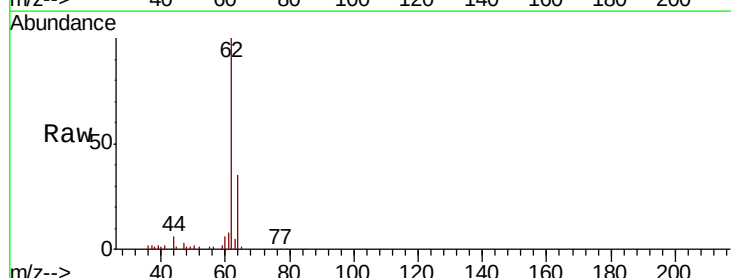
Acq: 28 Oct 2019 13:21

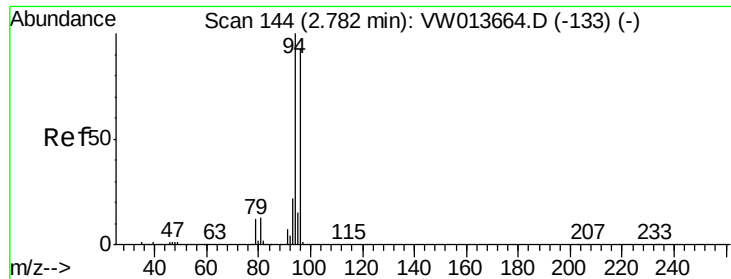
Tgt Ion: 62 Resp: 63927

Ion Ratio Lower Upper

62 100

64 34.5 25.5 38.3





#5

Bromomethane

Concen: 21.601 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1028SBSD01

Tot Ion: 94 Resp: 39118

Ion Ratio Lower Upper

94 100

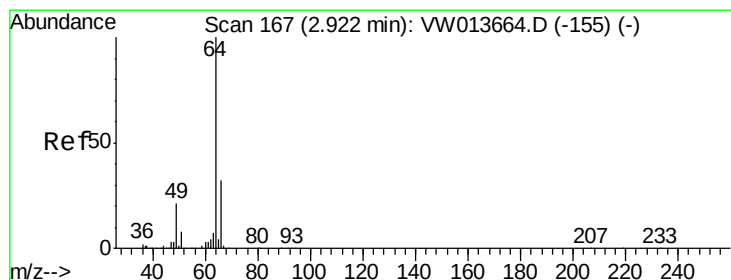
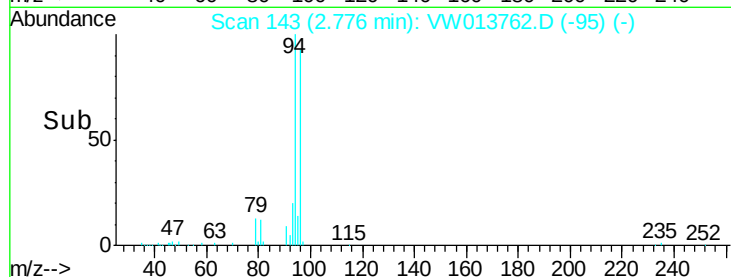
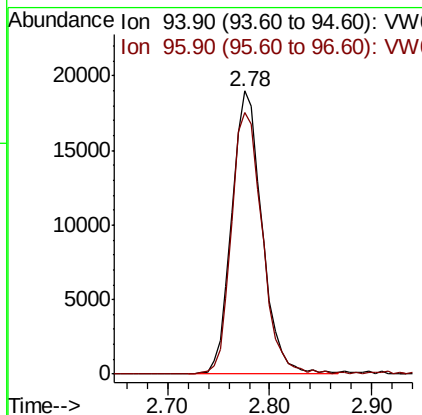
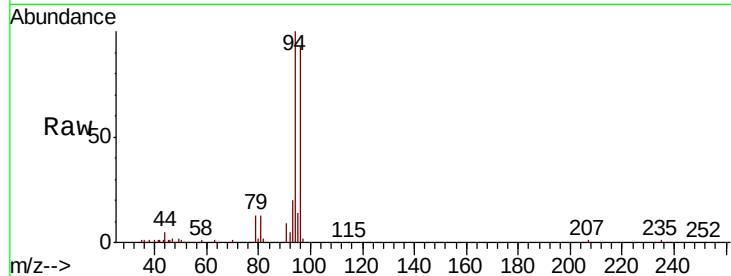
96 92.6 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 21.689 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW013762.D

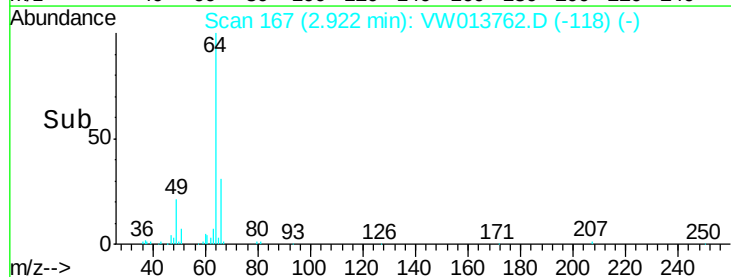
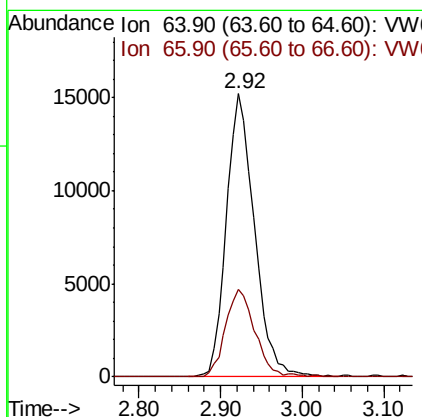
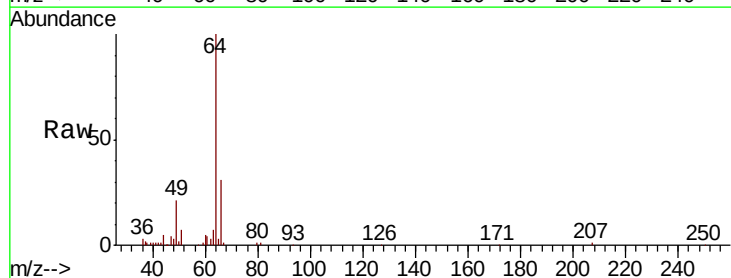
Acq: 28 Oct 2019 13:21

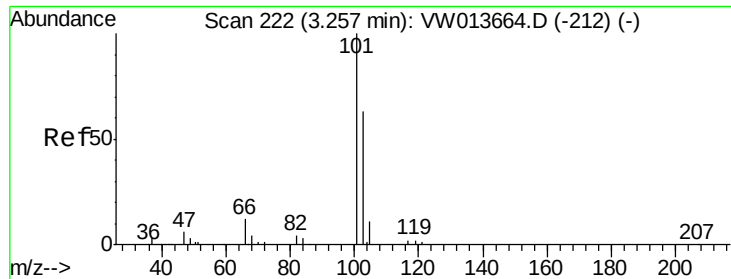
Tgt Ion: 64 Resp: 36138

Ion Ratio Lower Upper

64 100

66 31.0 25.4 38.0





#7

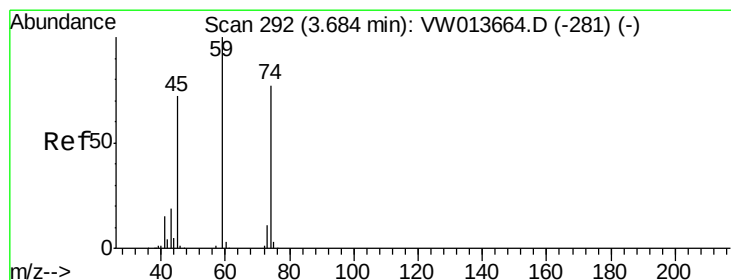
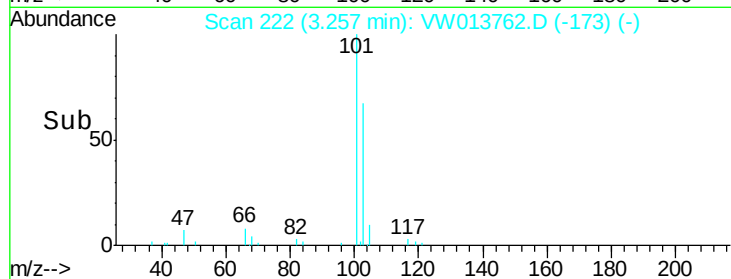
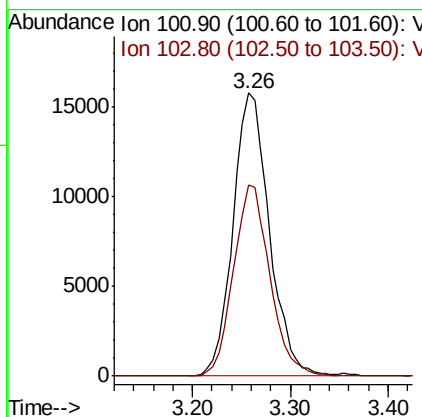
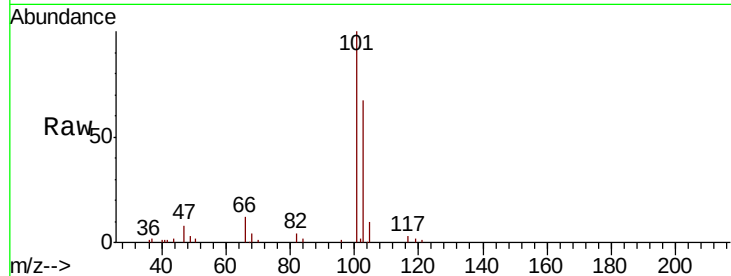
Trichlorofluoromethane
 Concen: 23.652 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW013762.D
 Acq: 28 Oct 2019 13:21

Instrument :
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 ClientSampleId :
 VW1028SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.5	50.6	76.0

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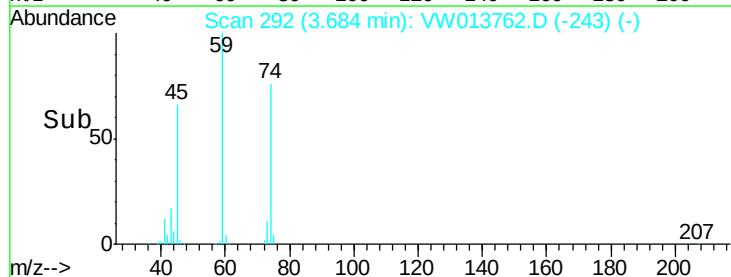
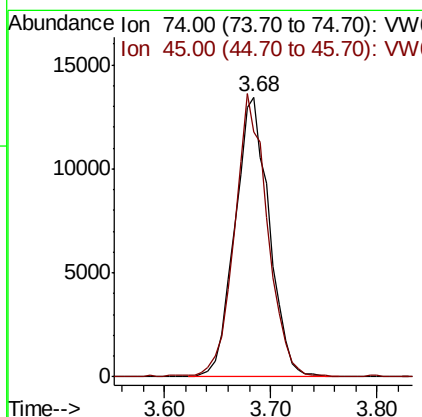
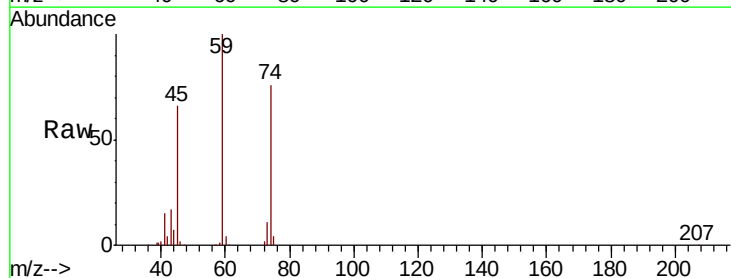
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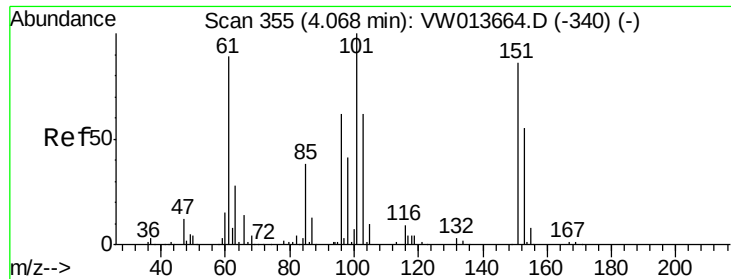


#8

Diethyl Ether
 Concen: 21.860 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW013762.D
 Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	47.9	143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.486 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Instrument :

MSVOA_W

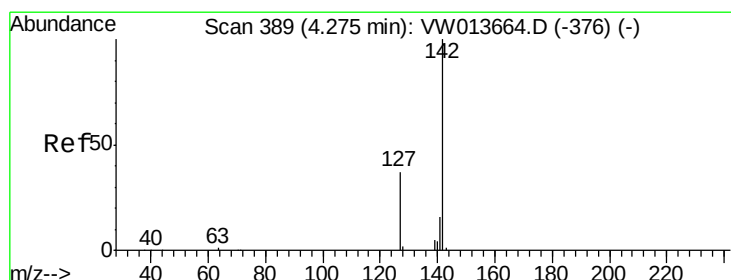
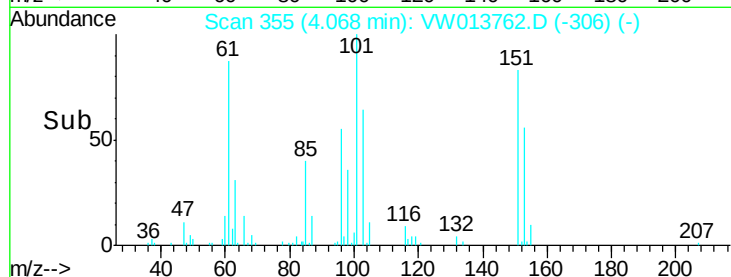
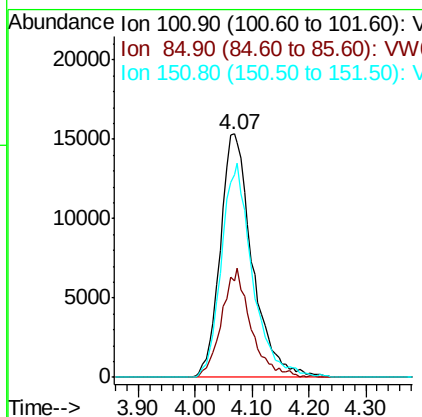
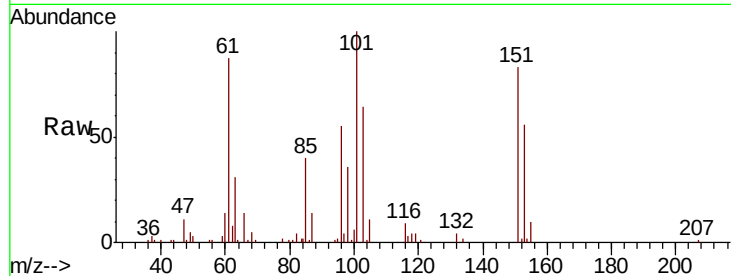
ClientSampleId :

VW1028SBSD01

Tot Ion:	101	Resp:	60075
Ion Ratio	Lower	Upper	
101	100		
85	40.8	31.0	46.6
151	85.0	68.2	102.4

Manual Integrations
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#10

Methyl Iodide

Concen: 21.076 ug/l

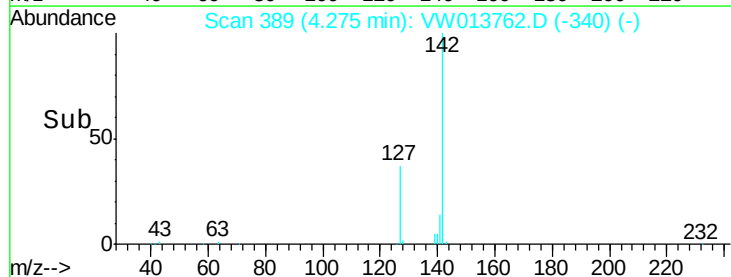
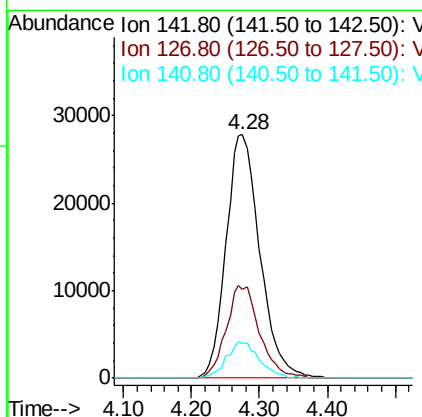
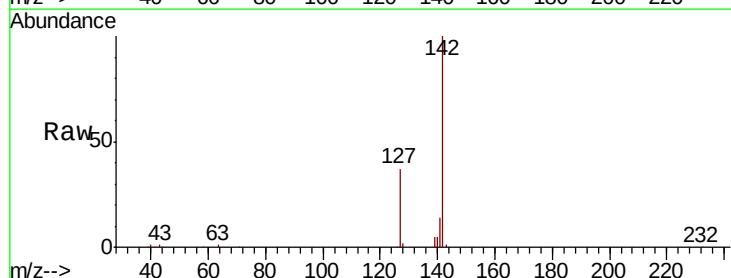
RT: 4.28 min Scan# 389

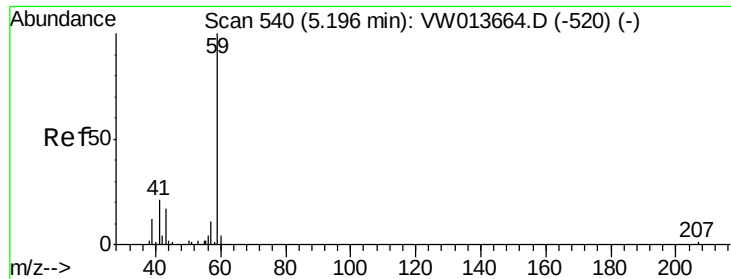
Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Tgt Ion:	142	Resp:	96028
Ion Ratio	Lower	Upper	
142	100		
127	37.5	30.3	45.5
141	14.4	11.8	17.8





#11

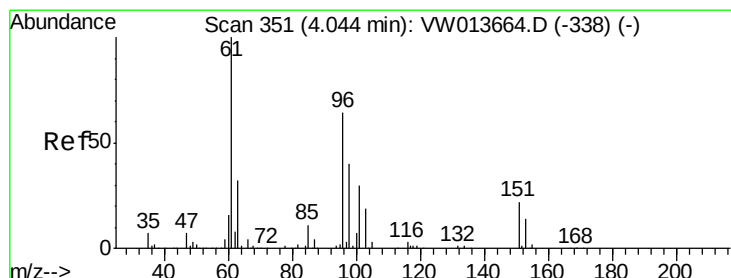
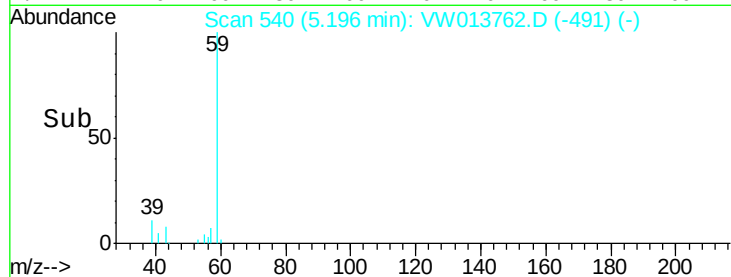
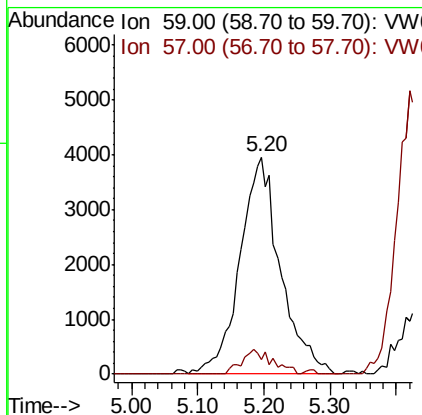
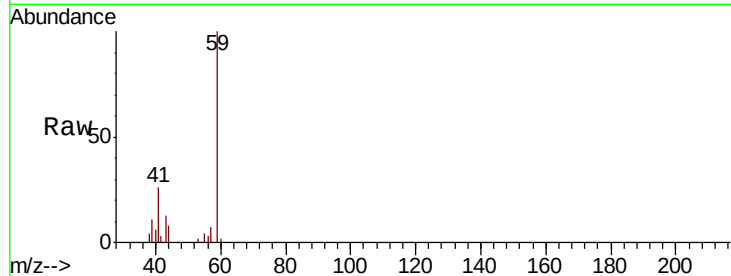
Tert butyl alcohol
Concen: 116.845 ug/l
RT: 5.20 min Scan# 540
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.6	8.8	13.2#

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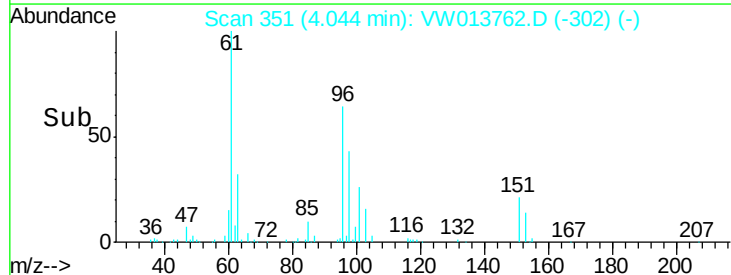
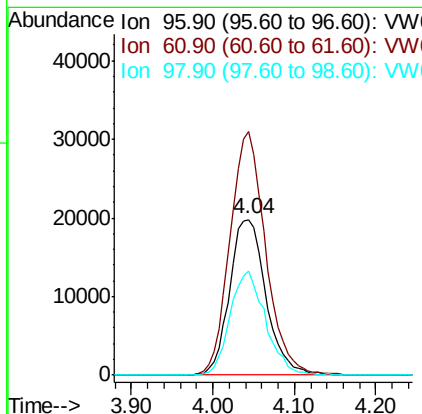
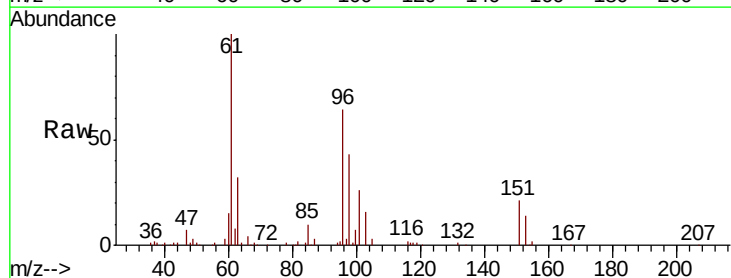
MMDadoda
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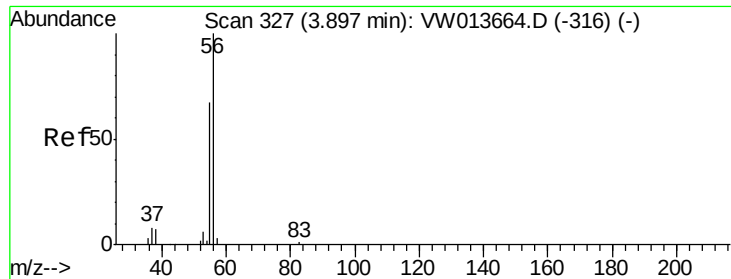


#12

1,1-Dichloroethene
Concen: 21.082 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.7	125.0	187.6
98	66.6	50.3	75.5





#13

Acrolein

Concen: 84.316 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1028SBS01

Tot Ion: 56 Resp: 13931

Ion Ratio Lower Upper

56 100

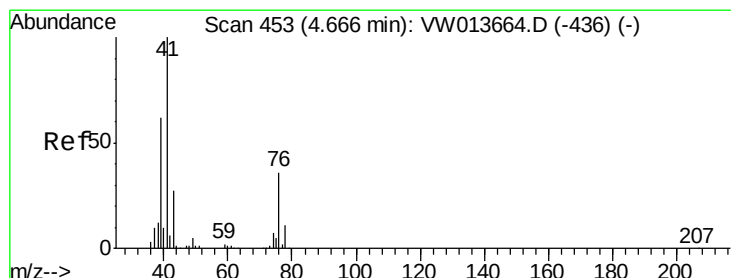
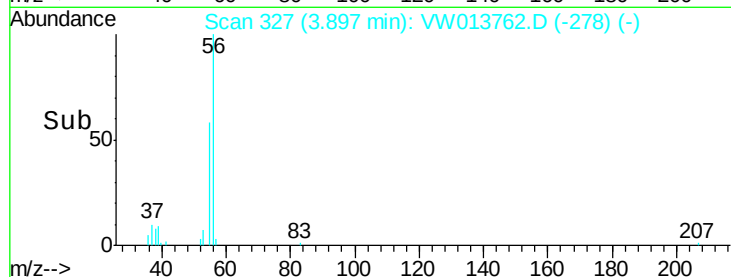
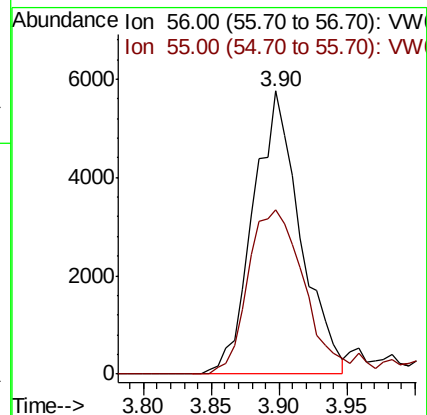
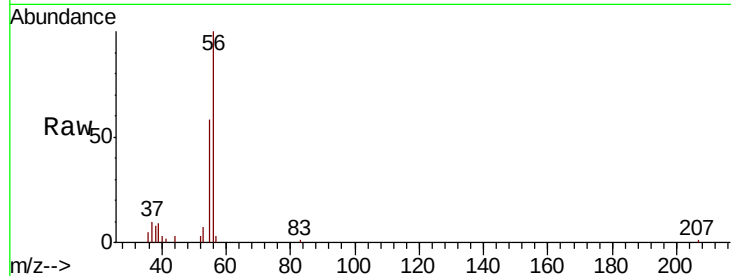
55 68.5 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 21.057 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

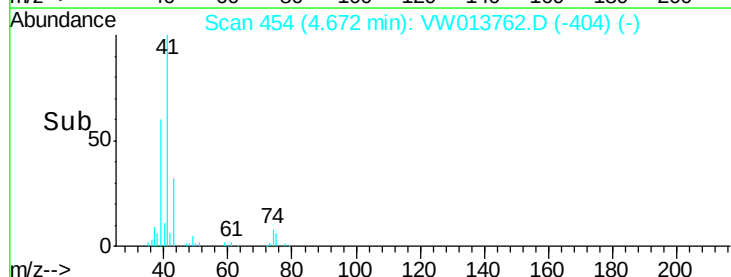
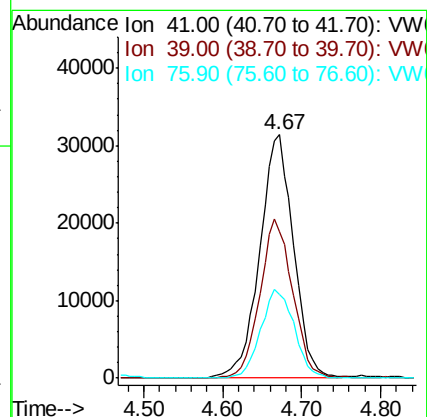
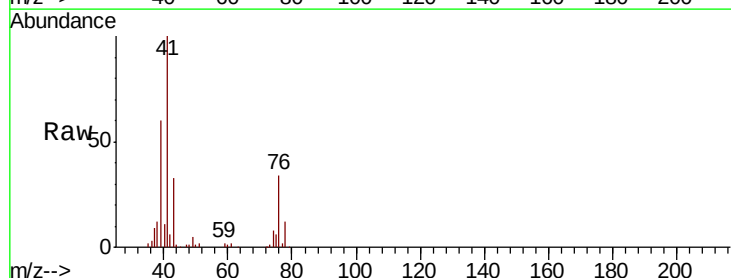
Tgt Ion: 41 Resp: 93513

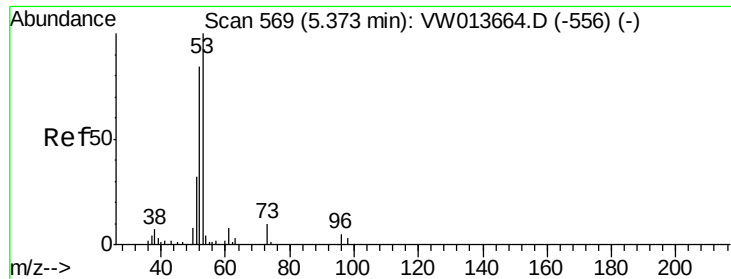
Ion Ratio Lower Upper

41 100

39 63.2 50.0 75.0

76 36.1 29.6 44.4





#15

Acrylonitrile

Concen: 112.644 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Instrument :

MSVOA_W

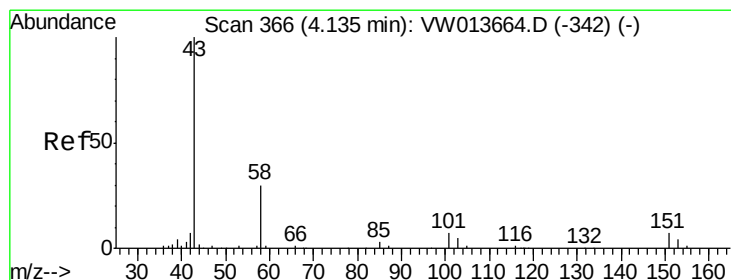
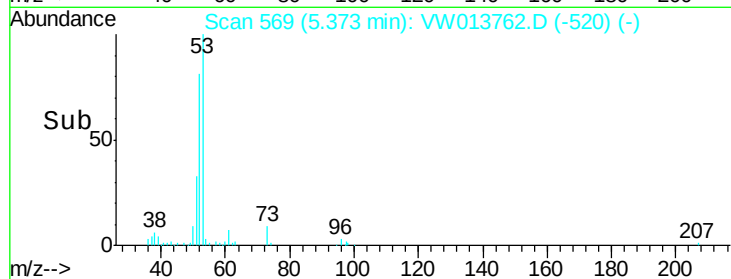
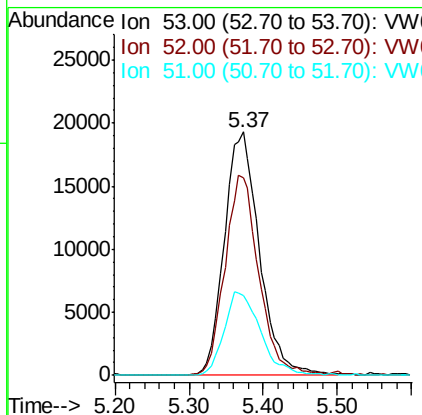
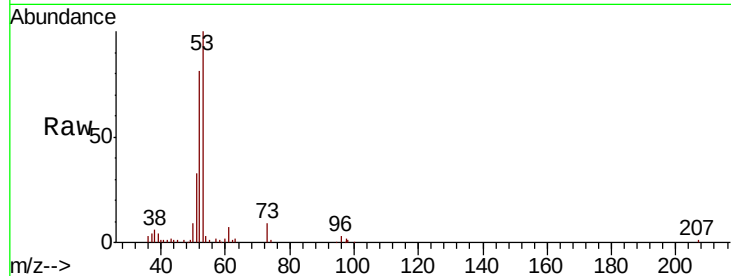
ClientSampleId :

VW1028SBS01

Tot Ion:	53	Resp:	63646
Ion	Ratio	Lower	Upper
53	100		
52	79.2	67.4	101.0
51	35.5	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 98.666 ug/l

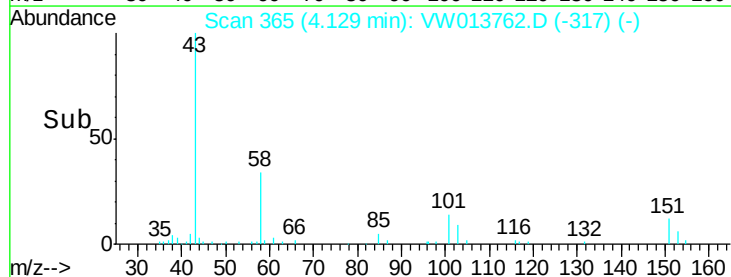
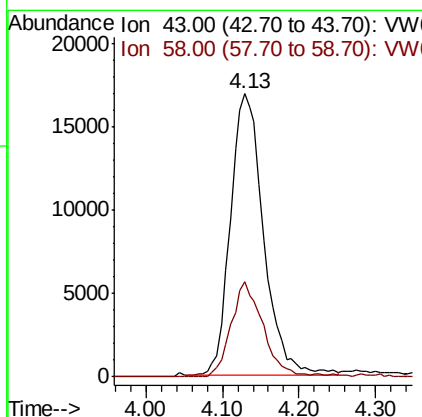
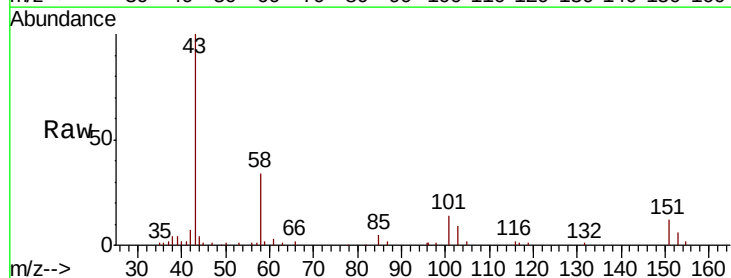
RT: 4.13 min Scan# 366

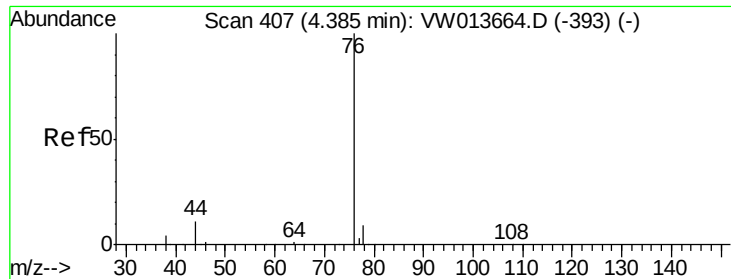
Delta R.T. -0.01 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Tgt Ion:	43	Resp:	50539
Ion	Ratio	Lower	Upper
43	100		
58	33.8	24.1	36.1





#17

Carbon Disulfide

Concen: 21.532 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1028SBSD01

Tot Ion: 76 Resp: 178593

Ion Ratio Lower Upper

76 100

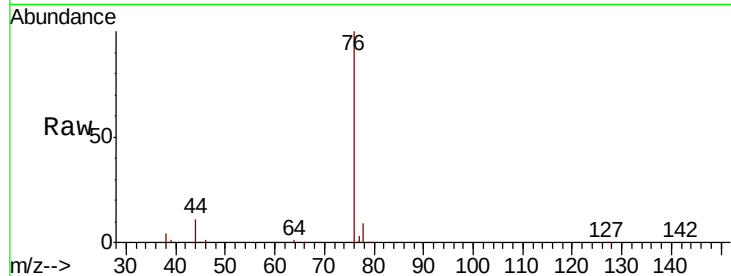
78 8.8 7.0 10.6

Manual Integrations

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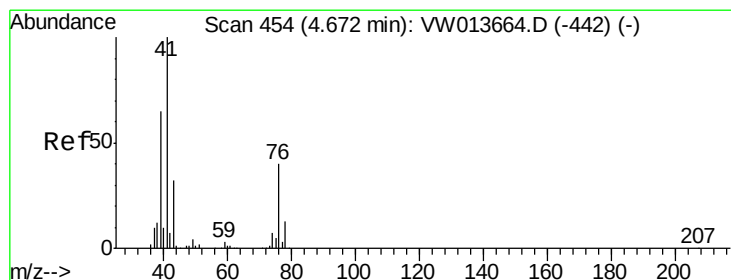
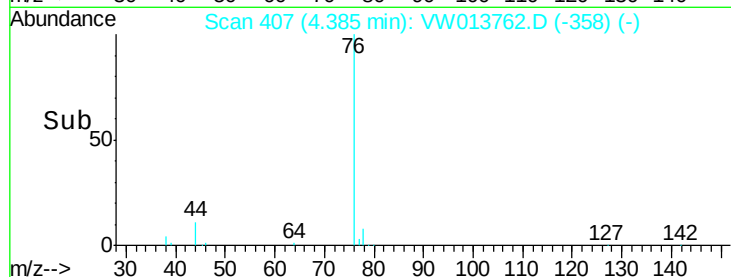
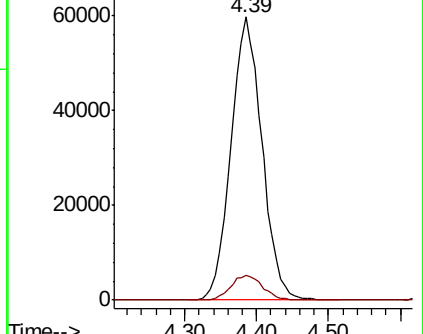
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 23.722 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW013762.D

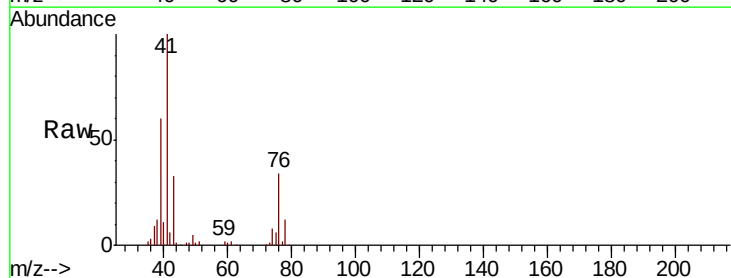
Acq: 28 Oct 2019 13:21

Tgt Ion: 43 Resp: 33309

Ion Ratio Lower Upper

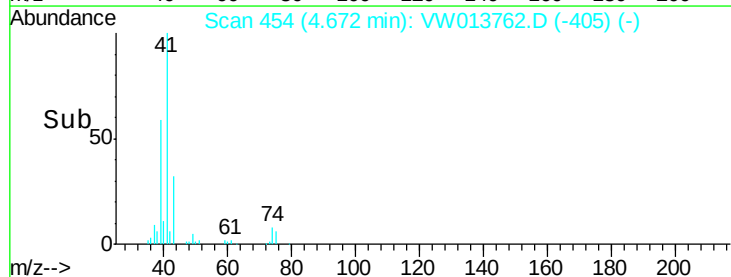
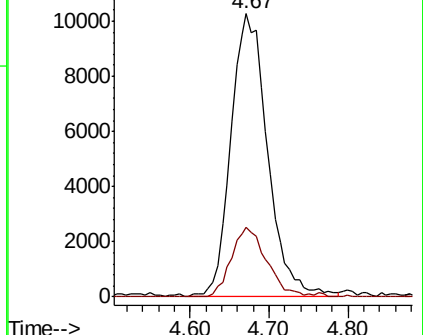
43 100

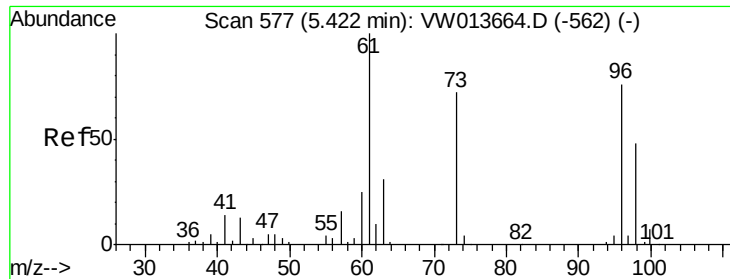
74 23.3 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





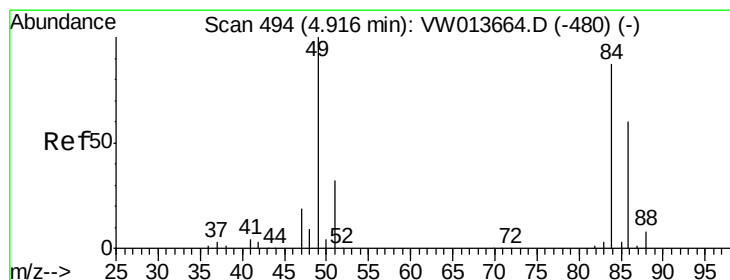
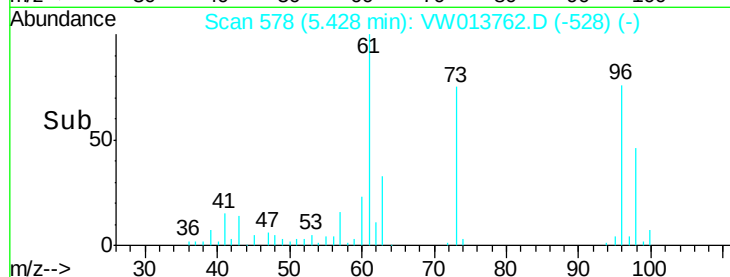
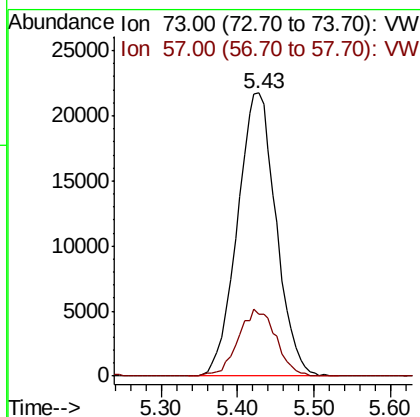
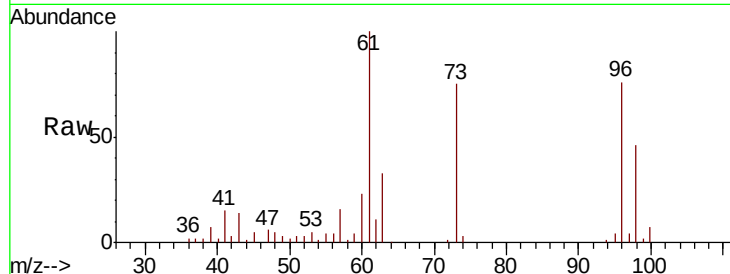
#19
Methyl tert-butyl Ether
Concen: 22.019 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBS01

Tot Ion: 73 Resp: 76313
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4

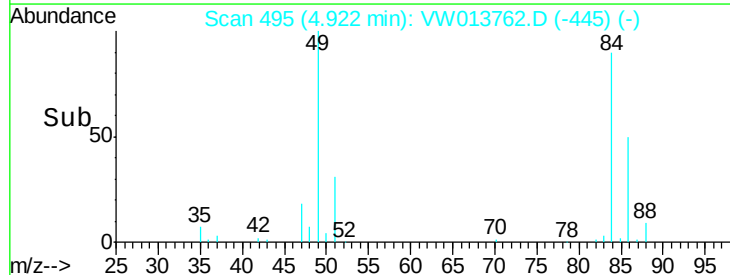
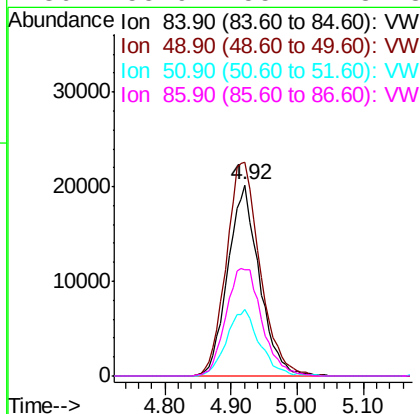
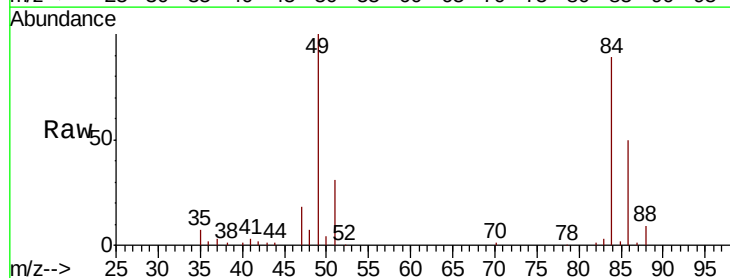
Manual Integrations
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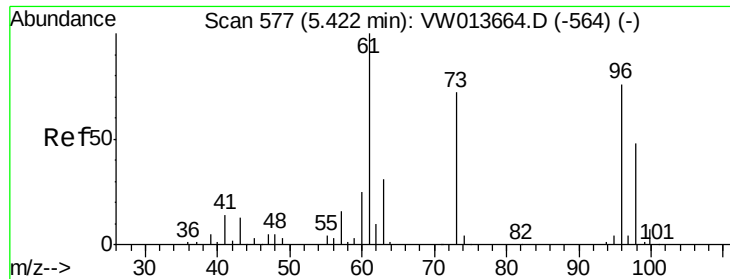
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#20
Methylene Chloride
Concen: 20.774 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion: 84 Resp: 66367
Ion Ratio Lower Upper
84 100
49 112.0 91.8 137.6
51 34.7 29.8 44.6
86 55.9 55.2 82.8





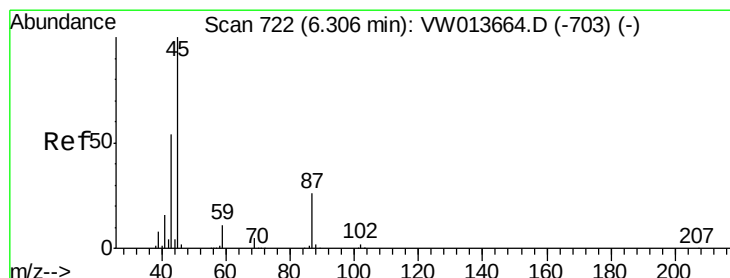
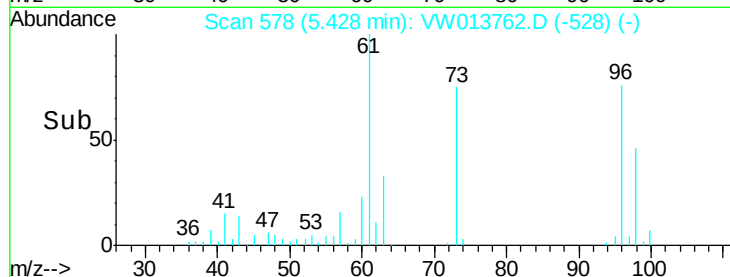
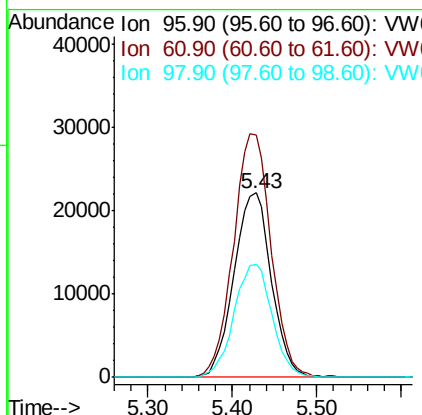
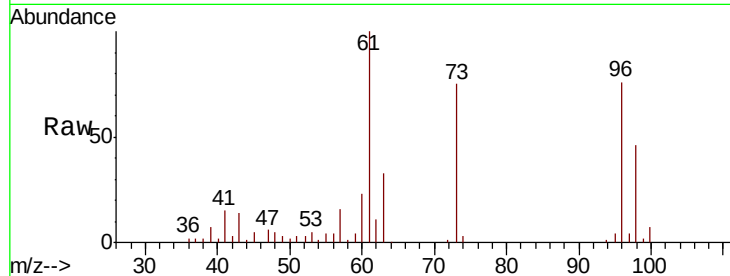
#21
trans-1,2-Dichloroethene
Concen: 21.347 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.3	104.8	157.2
98	61.0	50.6	76.0

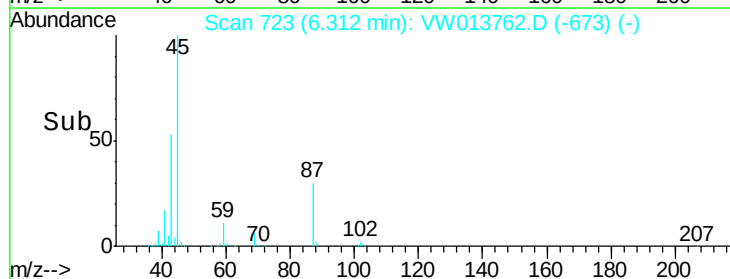
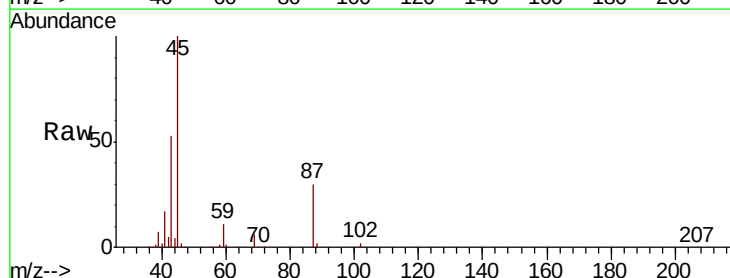
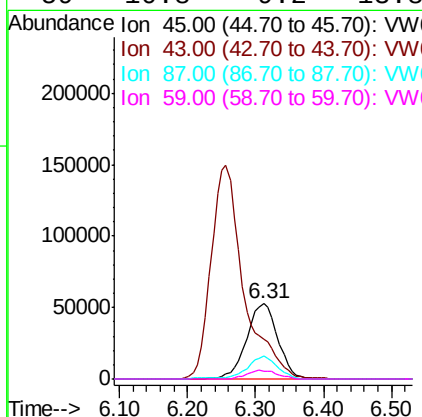
Manual Integrations
APPROVED

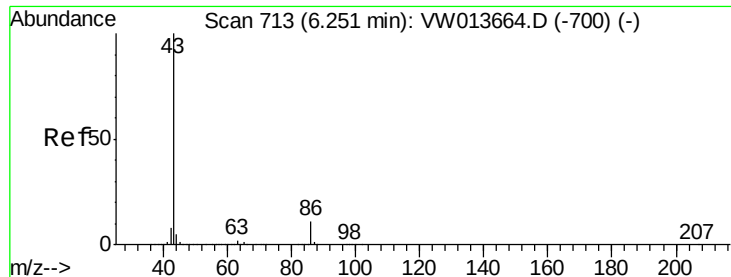
MMDadoda
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#22
Diisopropyl ether
Concen: 20.893 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.01 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	52.3	43.4	65.2
87	29.8	21.5	32.3
59	10.8	9.2	13.8





#23

Vinyl Acetate

Concen: 106.260 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1028SBS01

Tot Ion: 43 Resp: 499469

Ion Ratio Lower Upper

43 100

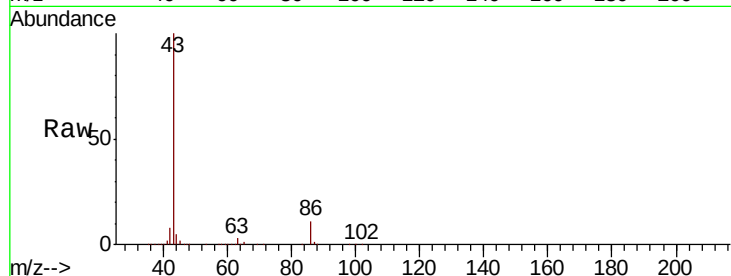
86 10.7 9.0 13.6

Manual Integrations

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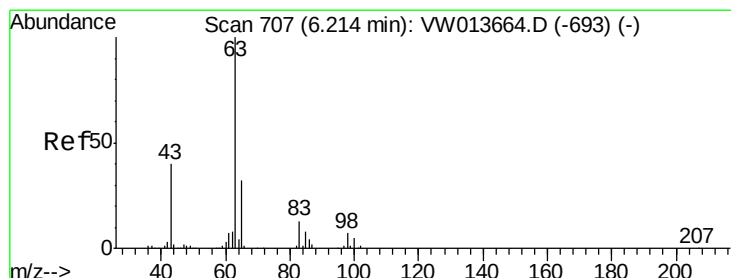
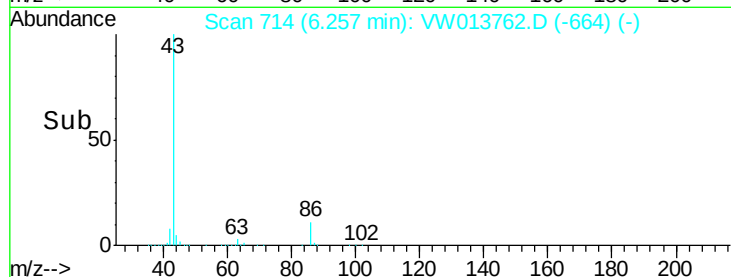
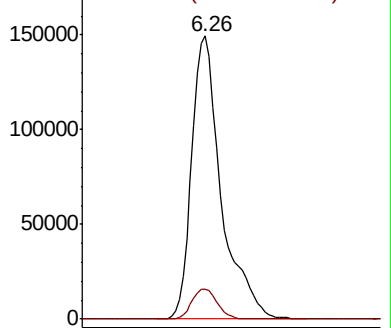
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.848 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

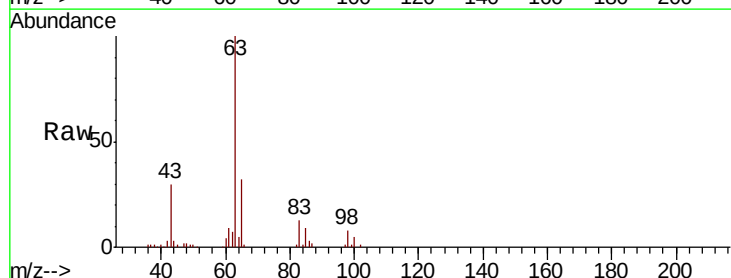
Tgt Ion: 63 Resp: 106960

Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

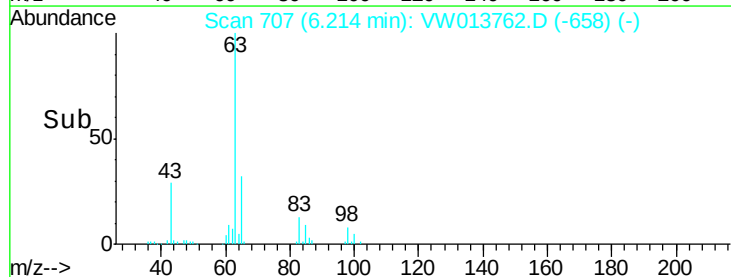
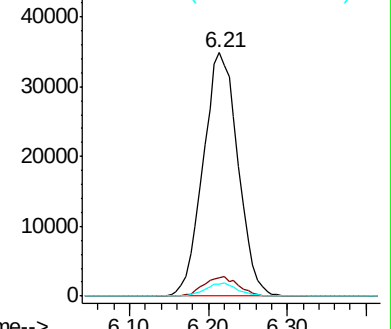
100 4.7 2.5 7.4

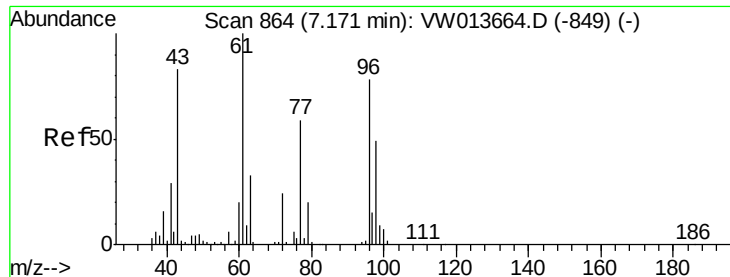


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 103.414 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1028SBS01

Tot Ion: 43 Resp: 76156

Ion Ratio Lower Upper

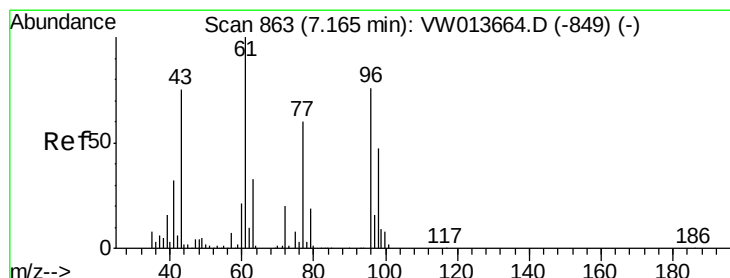
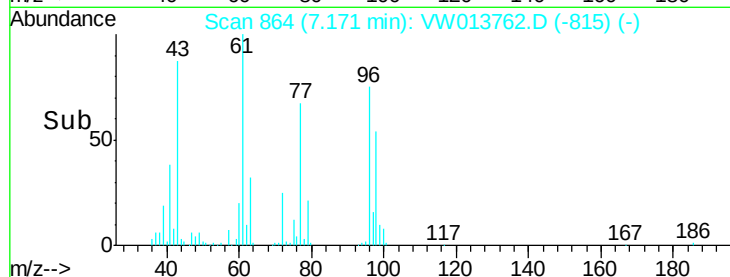
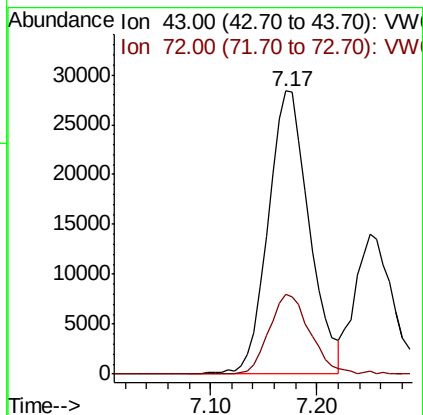
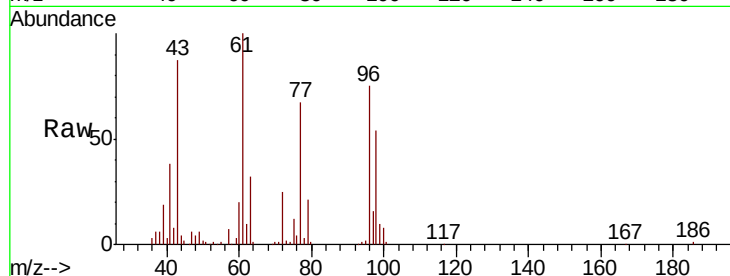
43 100

72 28.0 23.6 35.4

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 21.912 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013762.D

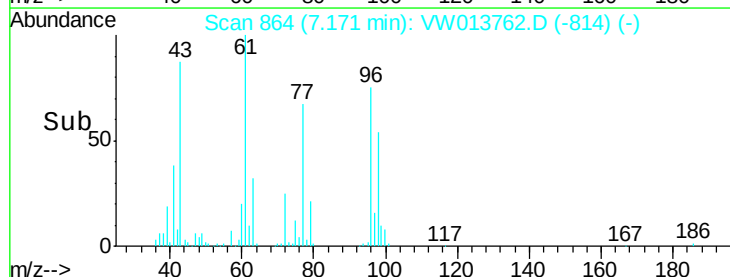
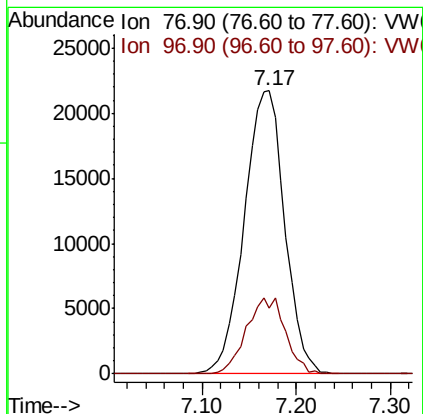
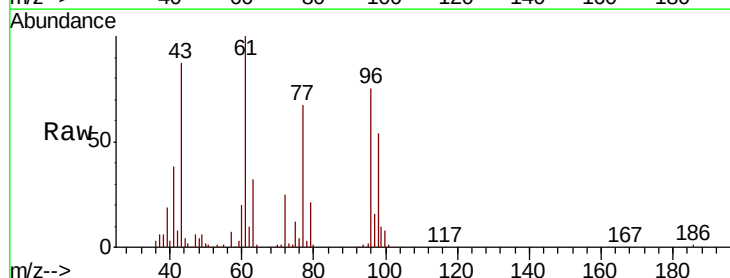
Acq: 28 Oct 2019 13:21

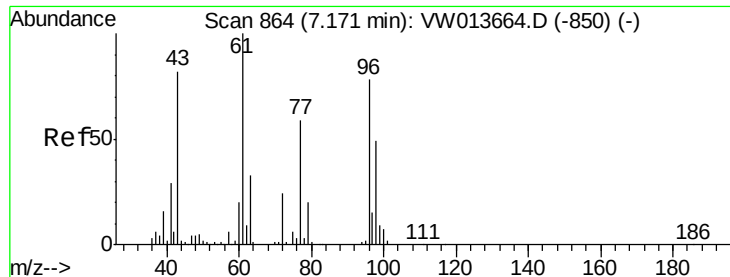
Tgt Ion: 77 Resp: 65007

Ion Ratio Lower Upper

77 100

97 25.9 12.8 38.4





#27

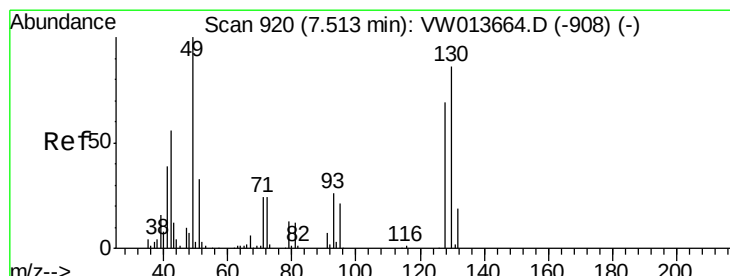
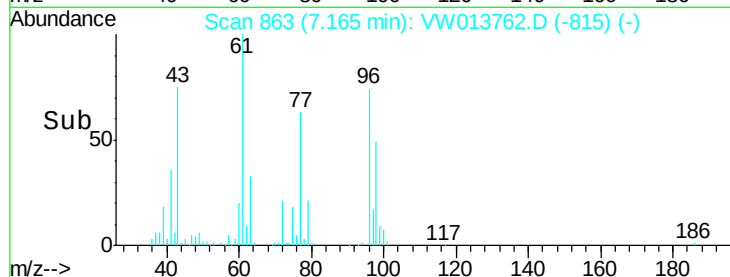
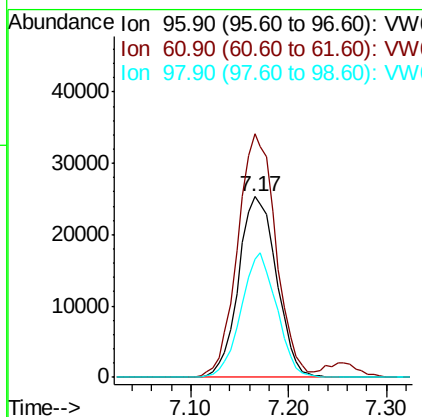
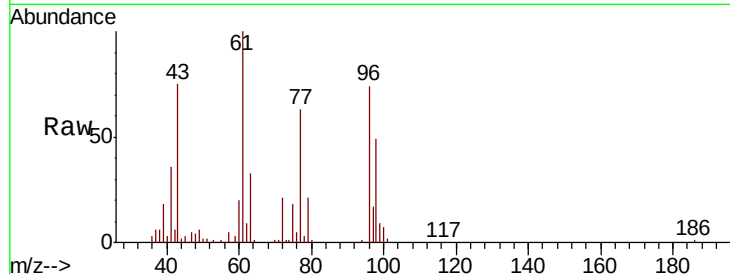
cis-1,2-Dichloroethene
Concen: 20.672 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.9	0.0	266.0
98	64.7	0.0	126.8

Manual Integrations
APPROVED

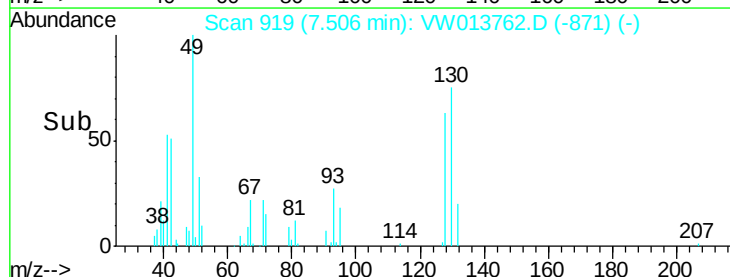
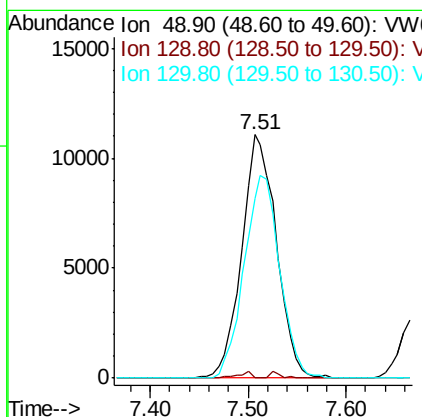
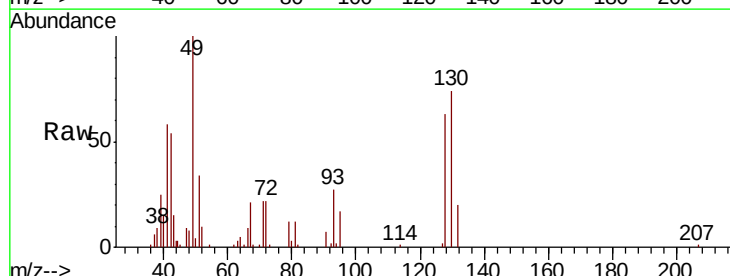
MMDadoda
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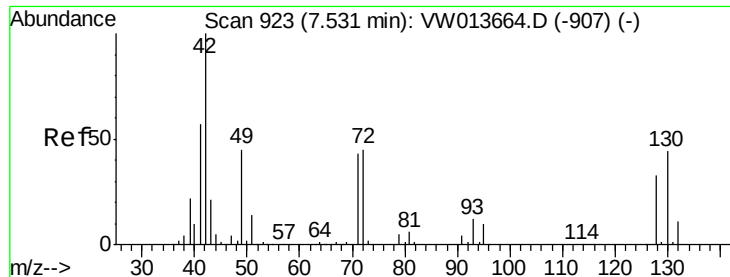


#28

Bromochloromethane
Concen: 15.814 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	0.6#
130	85.3	67.5	101.3





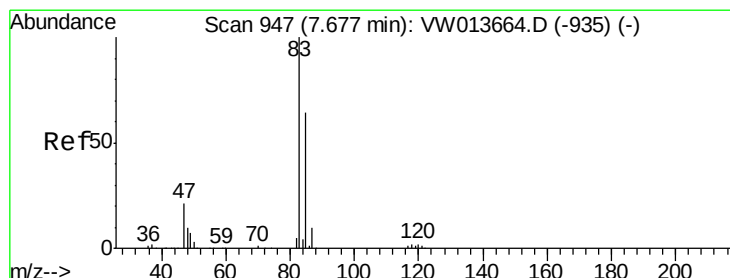
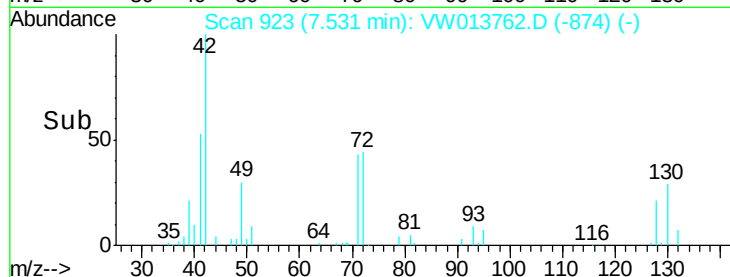
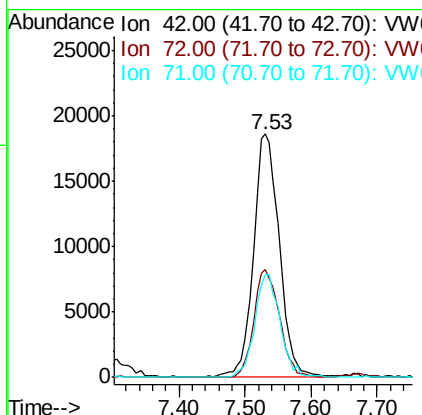
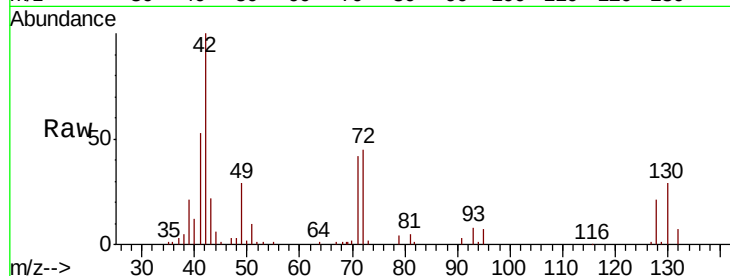
#29
Tetrahydrofuran
Concen: 111.329 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.3	52.9
71	41.7	33.3	49.9

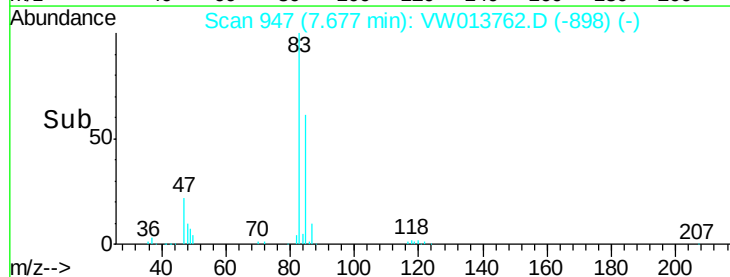
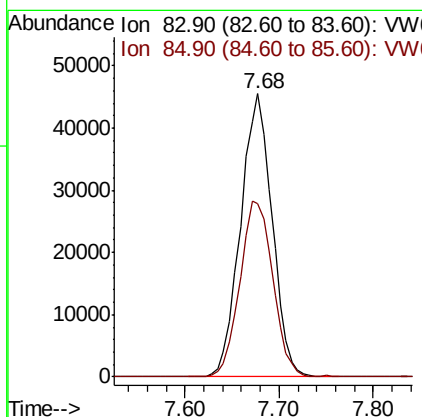
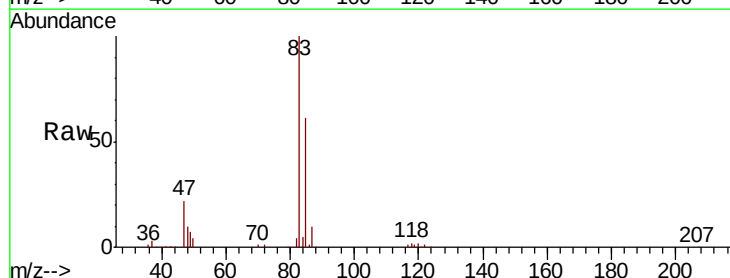
Manual Integrations
APPROVED

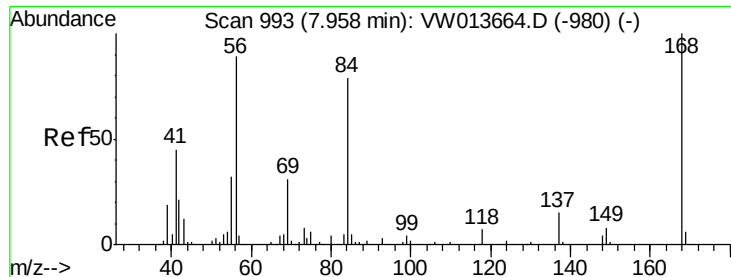
MMDadoda
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#30
Chloroform
Concen: 20.876 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.1	51.4	77.2





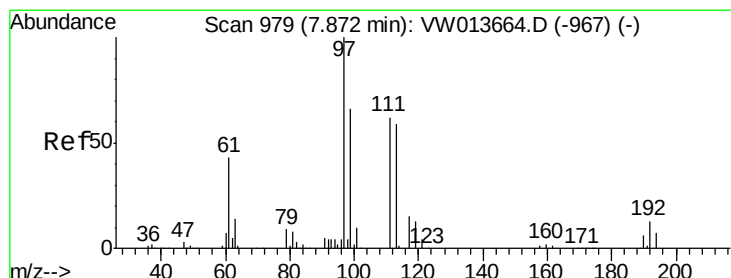
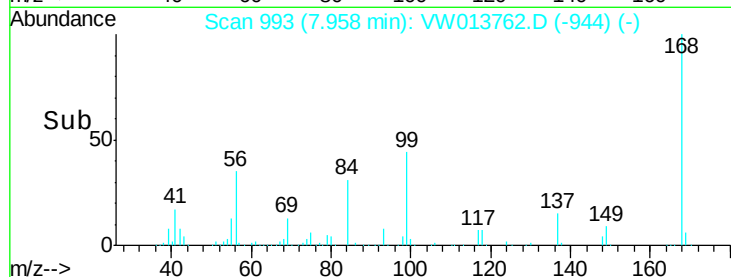
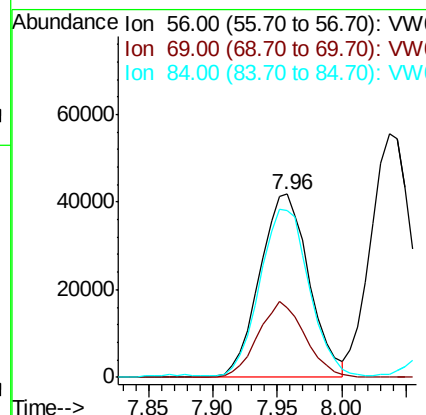
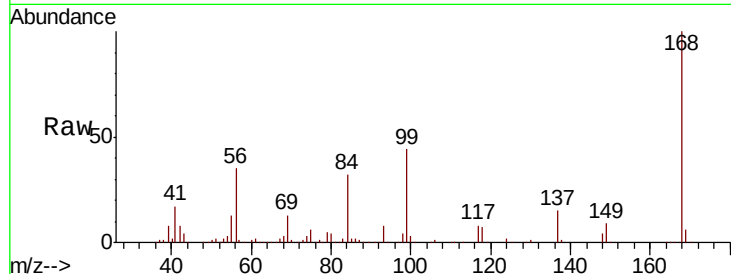
#31
Cyclohexane
Concen: 20.697 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBSD01

Tot Ion	56	Resp	111126
Ion Ratio	Lower	Upper	
56	100		
69	38.1	27.5	41.3
84	90.4	70.8	106.2

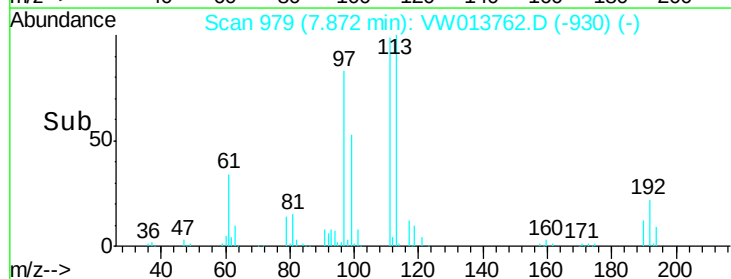
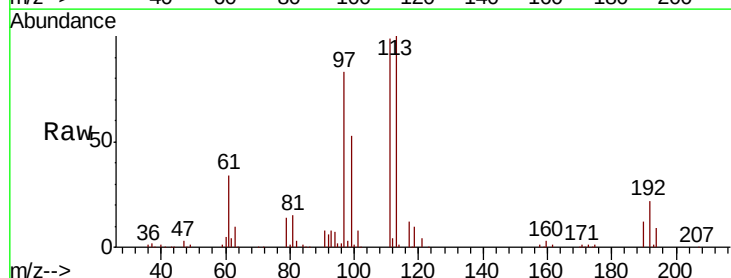
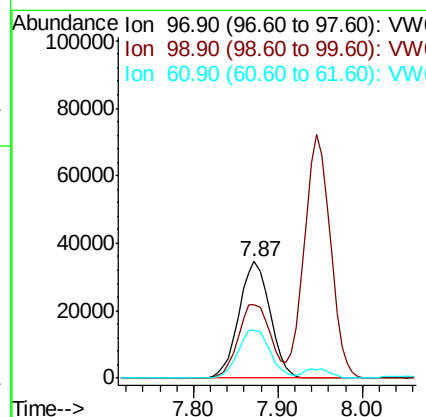
Manual Integrations
APPROVED

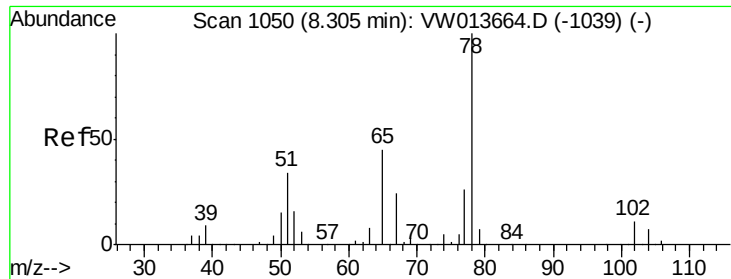
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 21.709 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	97	Resp	86402
Ion Ratio	Lower	Upper	
97	100		
99	66.5	52.0	78.0
61	42.3	33.8	50.6





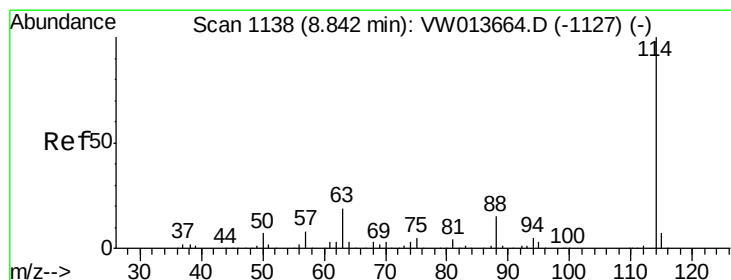
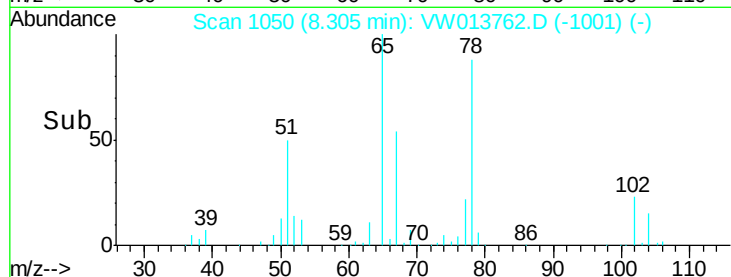
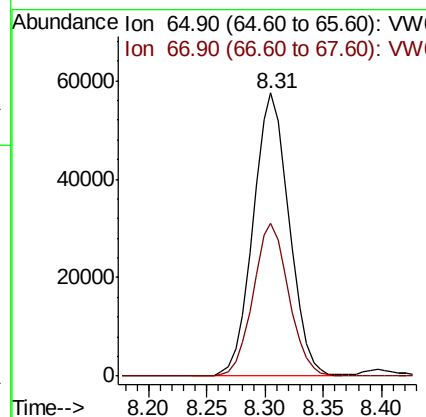
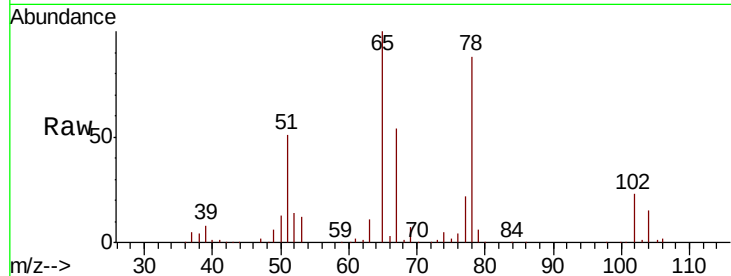
#33
 1,2-Dichloroethane-d4
 Concen: 51.101 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013762.D
 Acq: 28 Oct 2019 13:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1028SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	123448		
67	53.5	0.0	109.4	

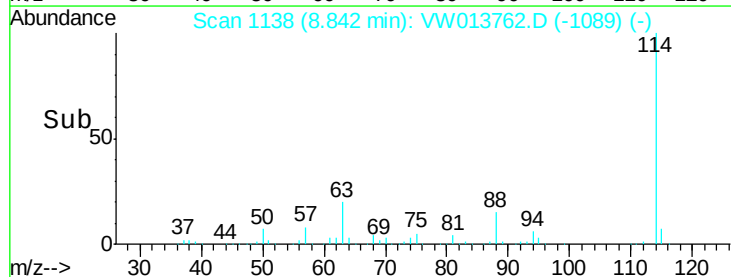
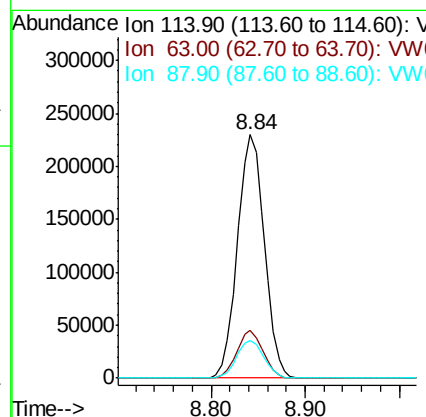
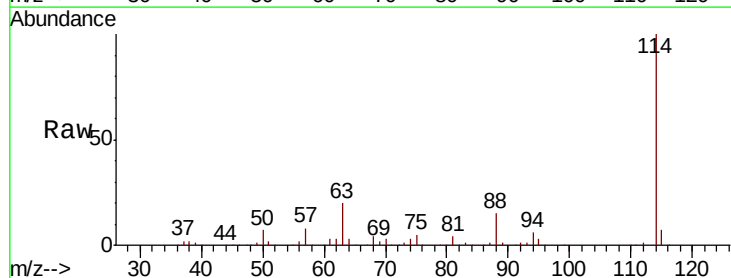
Manual Integrations
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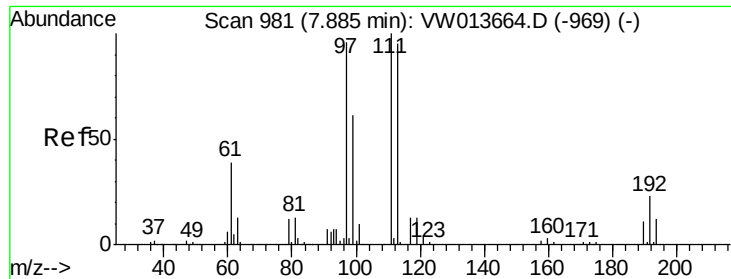
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013762.D
 Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	454823		
63	19.7	0.0	37.6	
88	15.2	0.0	30.2	





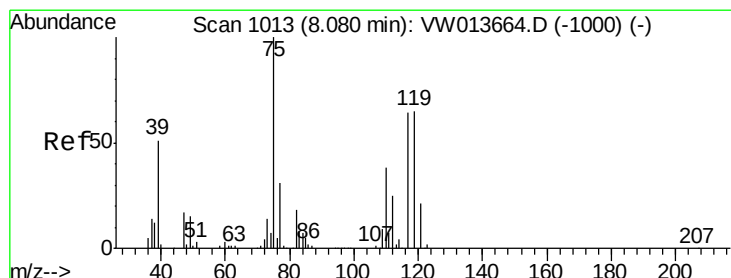
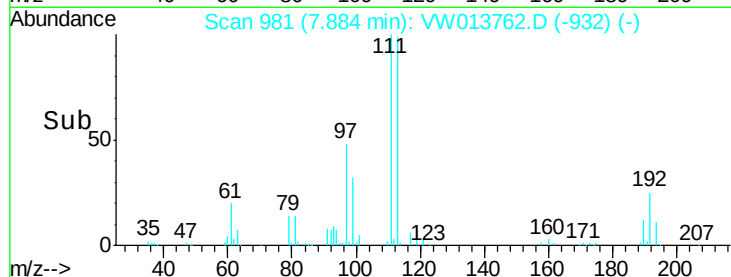
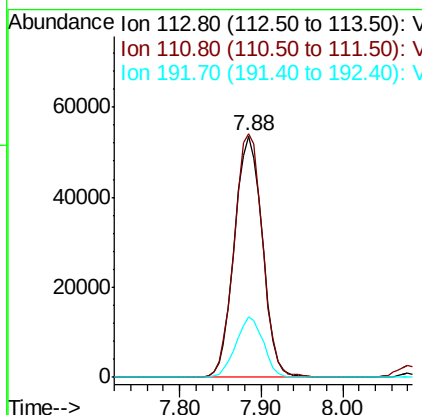
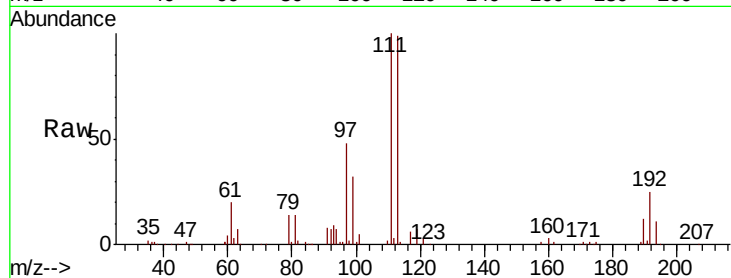
#35
Dibromofluoromethane
Concen: 50.218 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	126913		
111	102.0	83.0	124.6	
192	24.4	19.4	29.2	

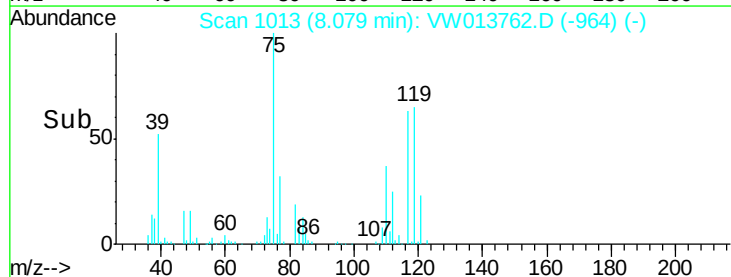
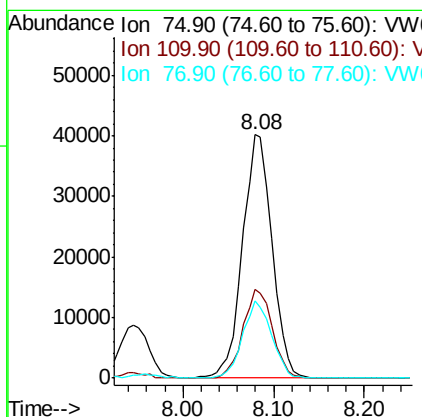
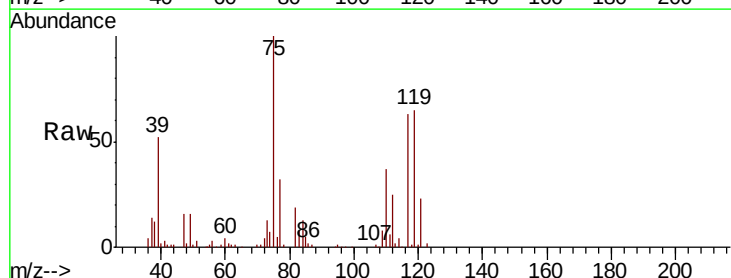
Manual Integrations
APPROVED

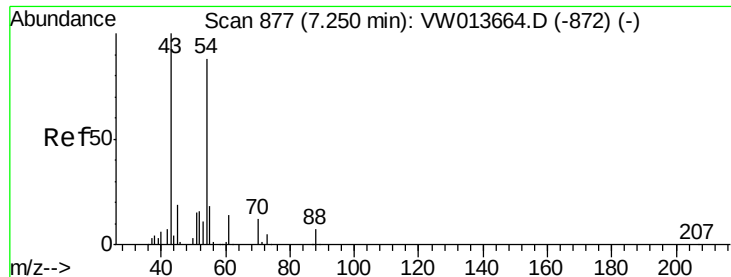
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#36
1,1-Dichloropropene
Concen: 21.392 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	90613		
110	36.2	18.7	56.1	
77	31.3	25.4	38.0	





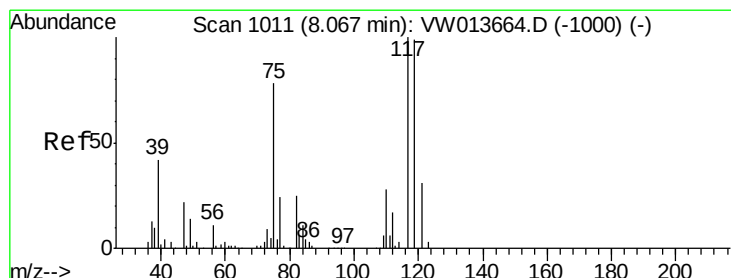
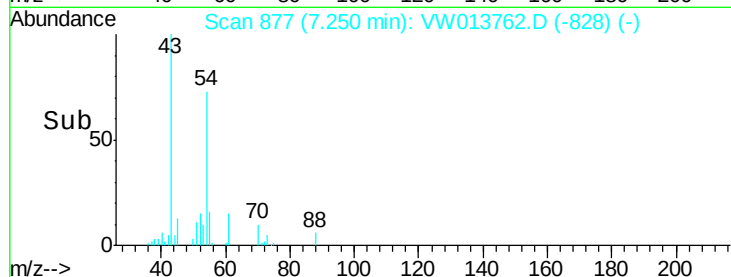
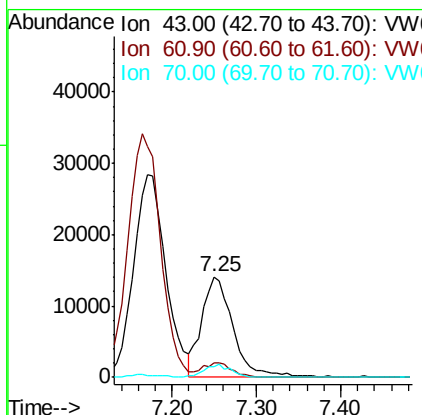
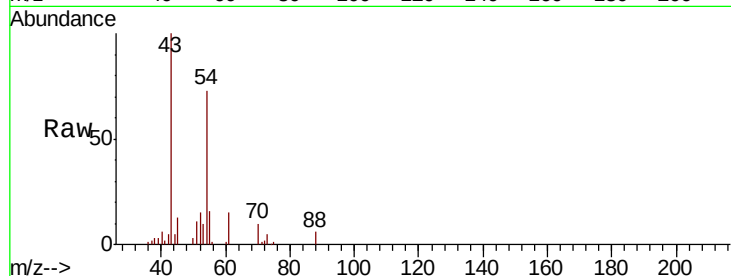
#37
Ethyl Acetate
Concen: 22.564 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.7	17.5
70	11.0	8.8	13.2

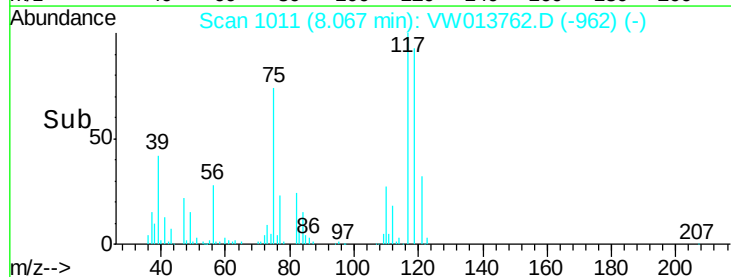
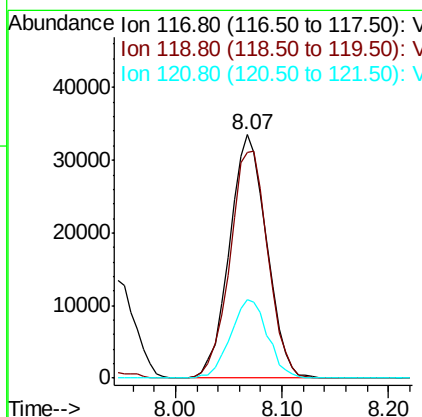
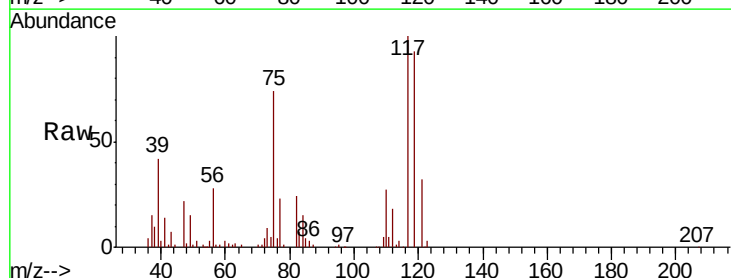
Manual Integrations
APPROVED

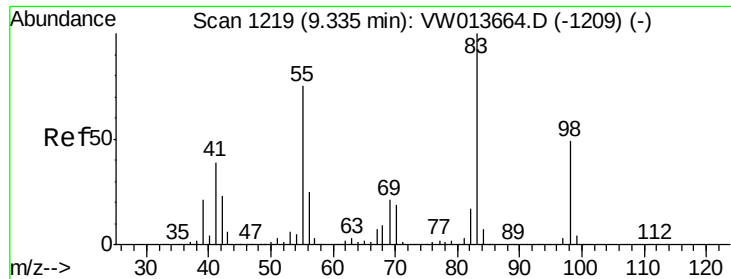
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#38
Carbon Tetrachloride
Concen: 21.575 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	79.0	118.4
121	32.3	24.5	36.7





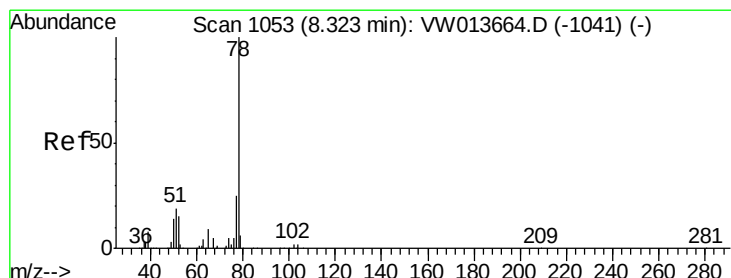
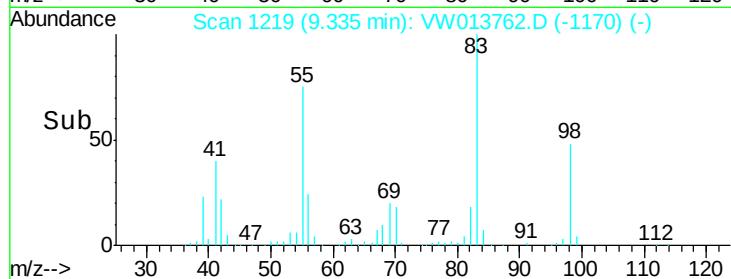
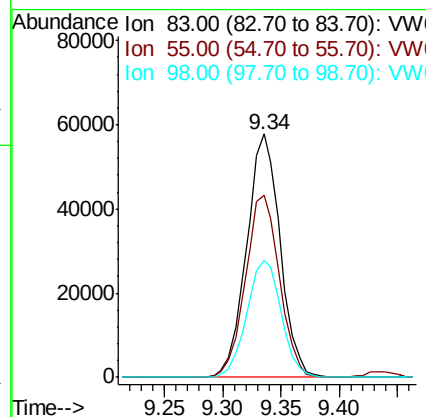
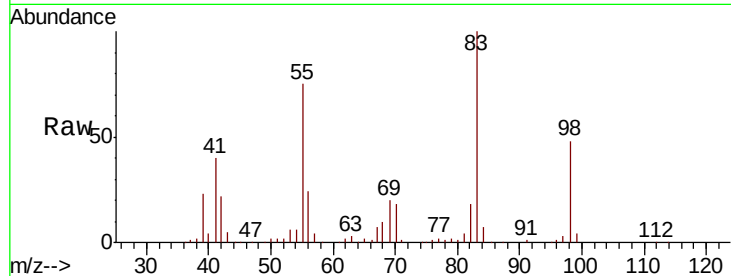
#39
Methylvlcyclohexane
Concen: 21.110 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	59.9	89.9
98	48.0	39.4	59.2

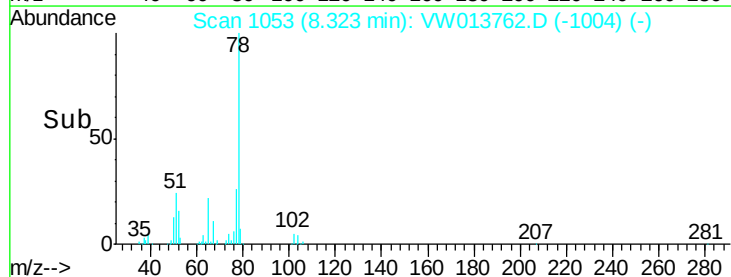
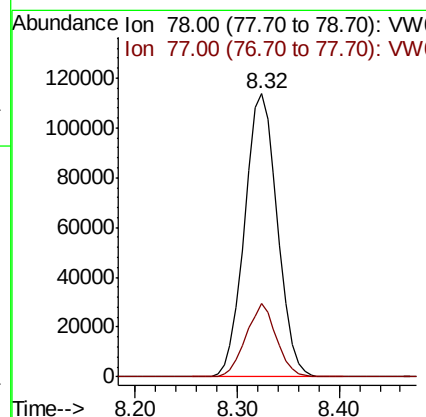
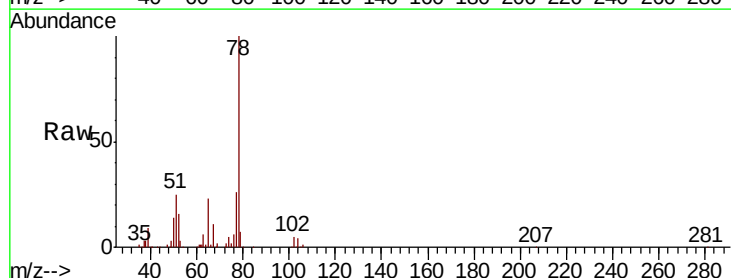
Manual Integrations
APPROVED

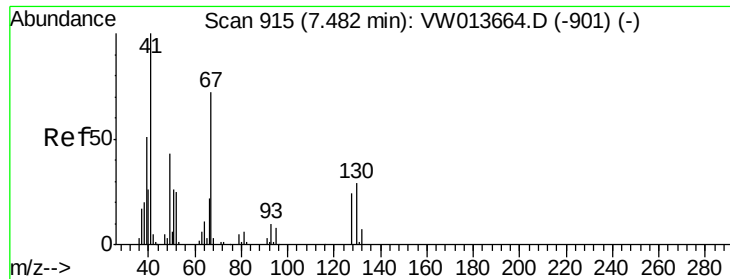
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#40
Benzene
Concen: 21.135 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.8	19.6	29.4





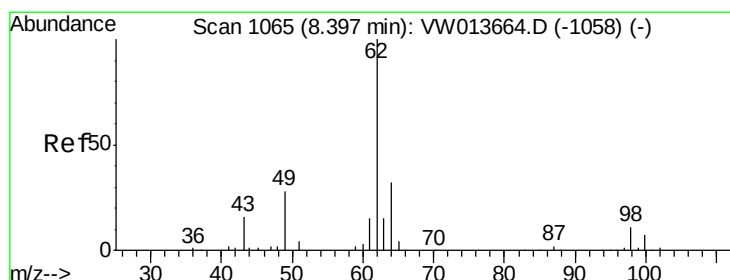
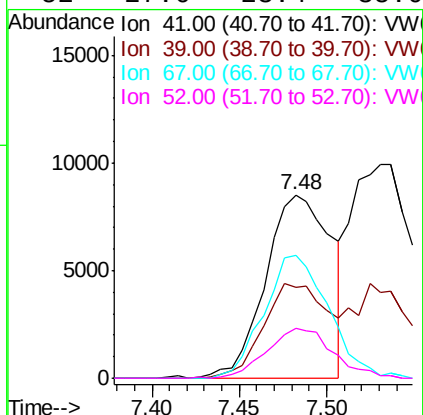
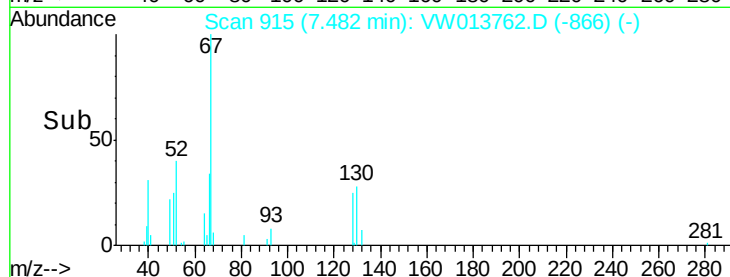
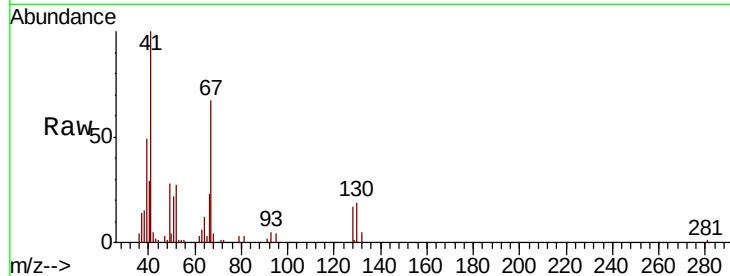
#41
Methacrylonitrile
Concen: 22.033 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBSD01

Tot Ion	41	Resp	22278
Ion	Ratio	Lower	Upper
41	100		
39	50.9	44.8	67.2
67	66.3	59.3	88.9
52	27.6	23.4	35.0

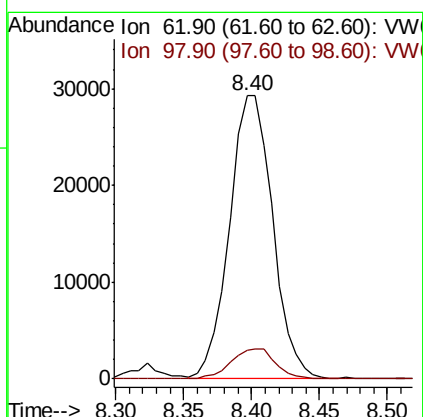
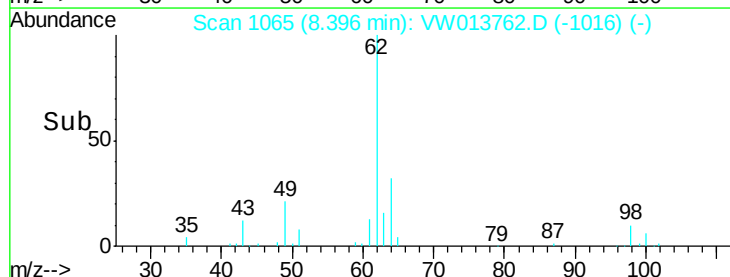
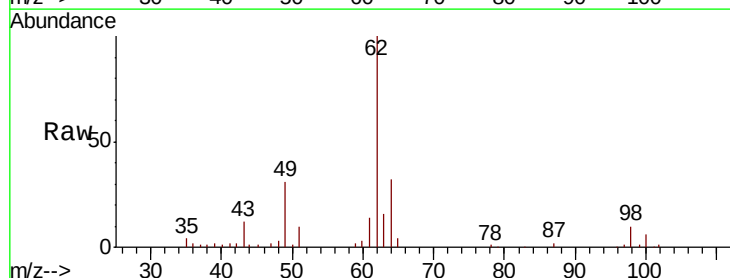
Manual Integrations
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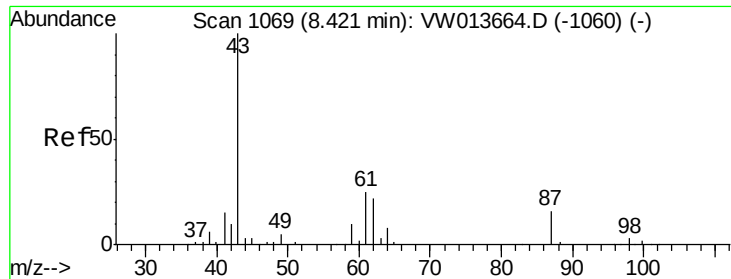
MMDadoda
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#42
1,2-Dichloroethane
Concen: 21.565 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	62	Resp	65141
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.4





#43

Isopropyl Acetate

Concen: 21.292 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Instrument :

MSVOA_W

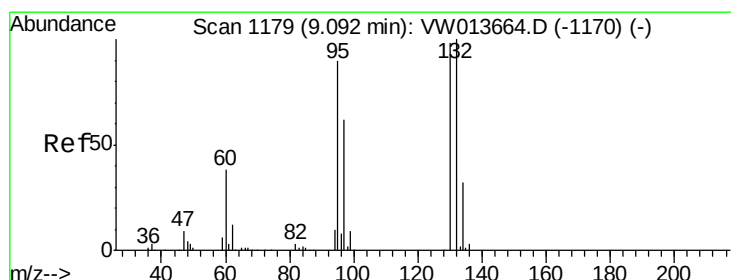
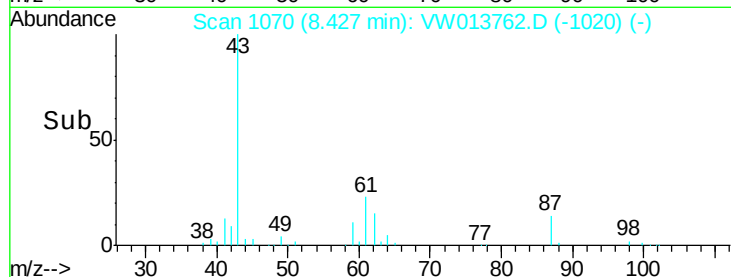
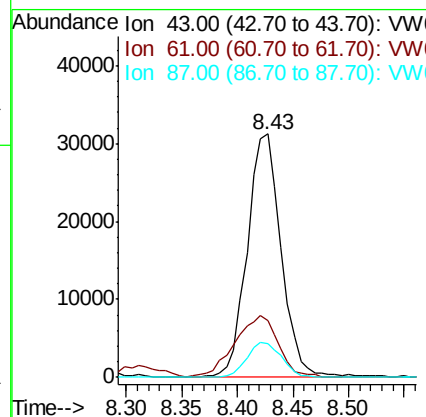
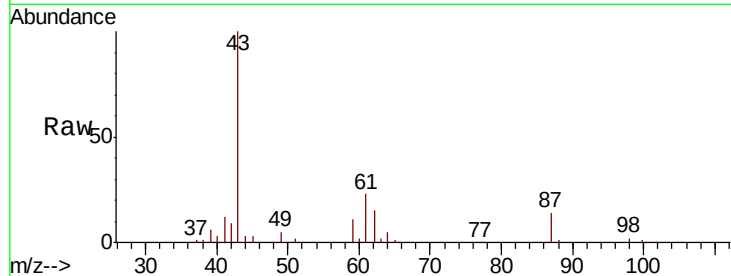
ClientSampleId :

VW1028SBS01

Tot Ion:	43	Resp:	66085
Ion	Ratio	Lower	Upper
43	100		
61	32.7	26.1	39.1
87	14.9	11.4	17.0

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#44

Trichloroethene

Concen: 20.650 ug/l

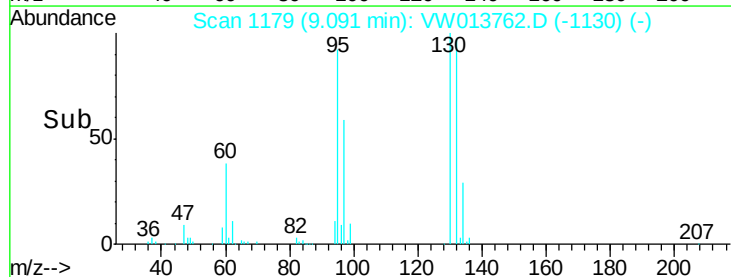
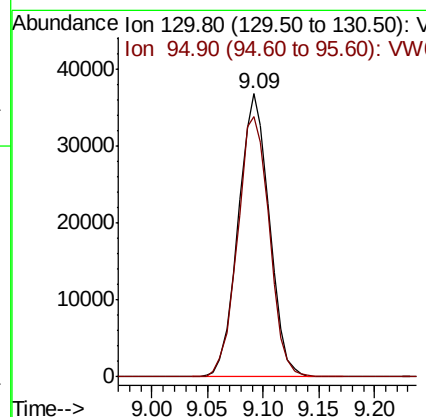
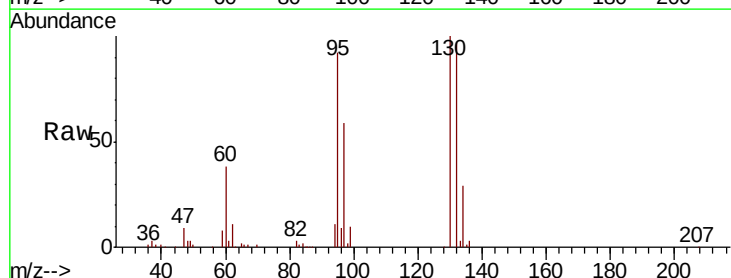
RT: 9.09 min Scan# 1179

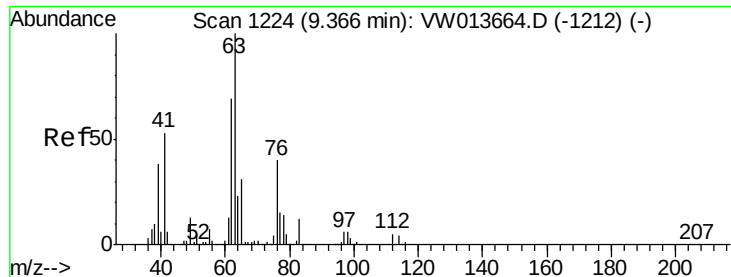
Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Tgt Ion:	130	Resp:	70908
Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	184.6





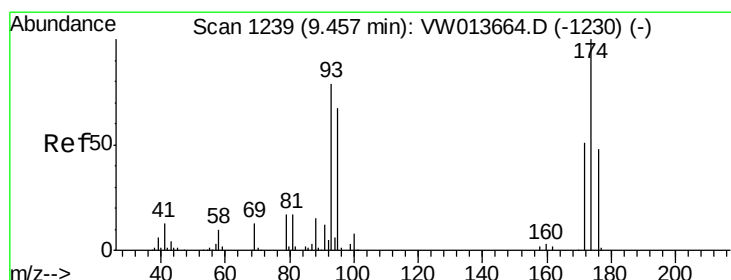
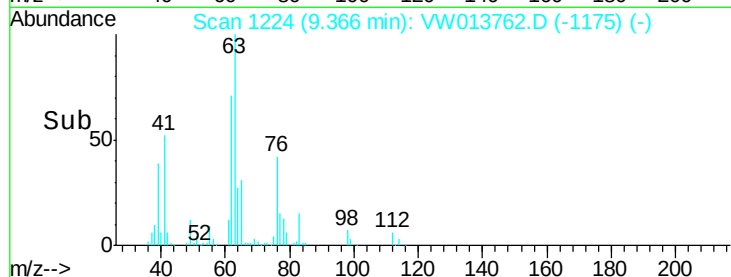
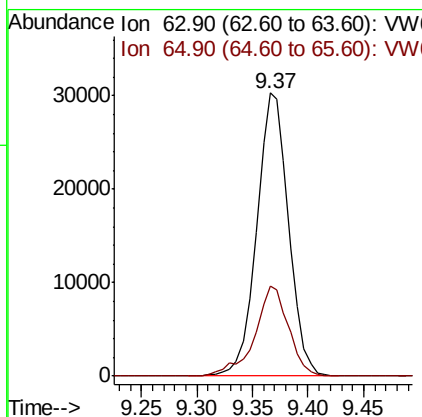
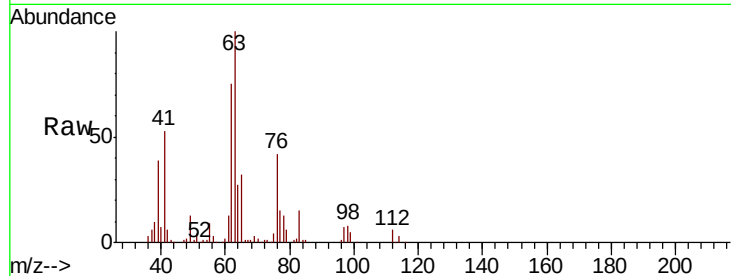
#45
 1,2-Dichloropropane
 Concen: 20.984 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013762.D
 Acq: 28 Oct 2019 13:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1028SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.2	37.8

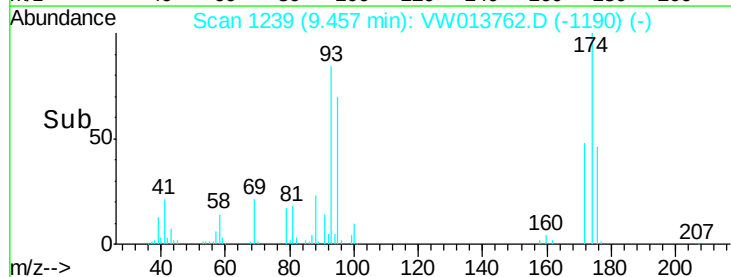
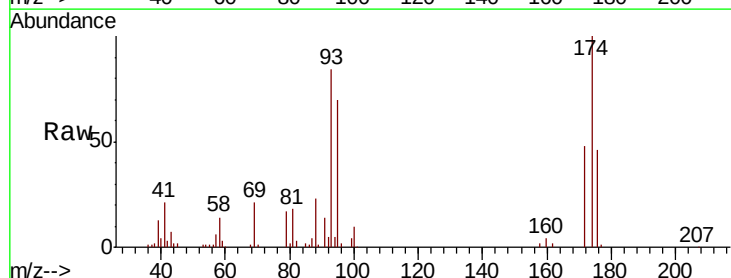
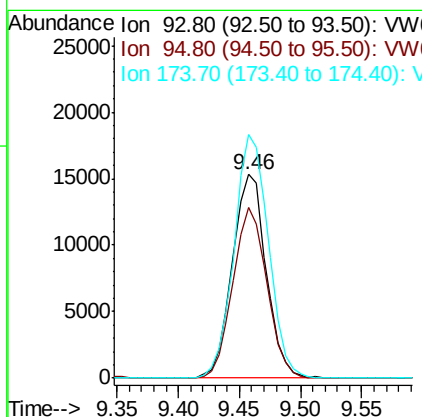
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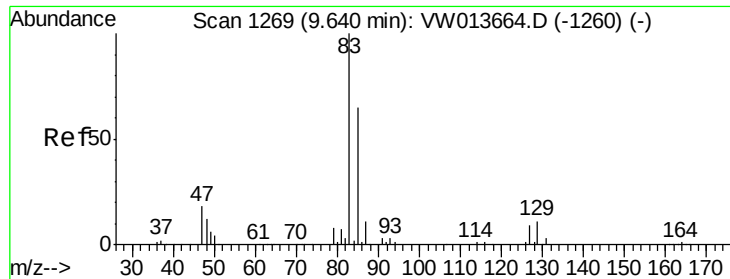
MMDadoda
 10/29/2019 2:05:09 PM



#46
 Dibromomethane
 Concen: 21.171 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013762.D
 Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	66.5	99.7
174	121.3	99.6	149.4





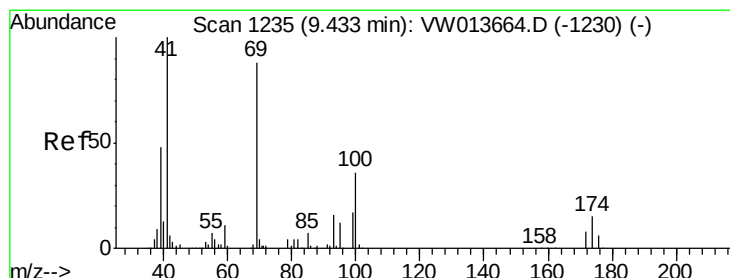
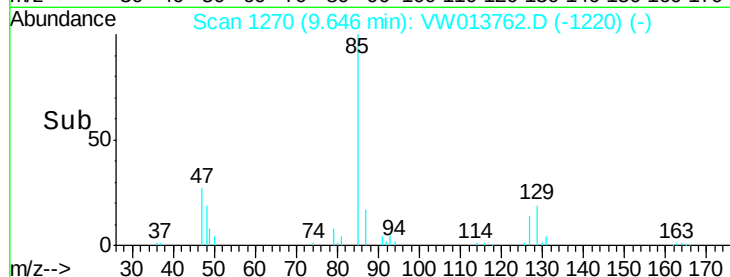
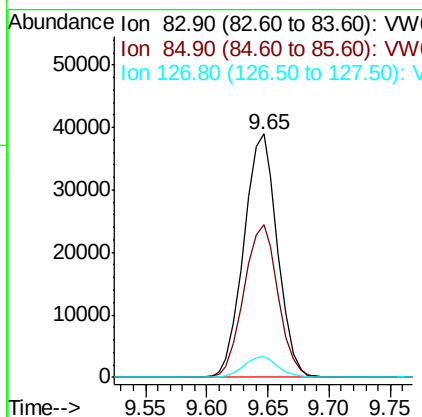
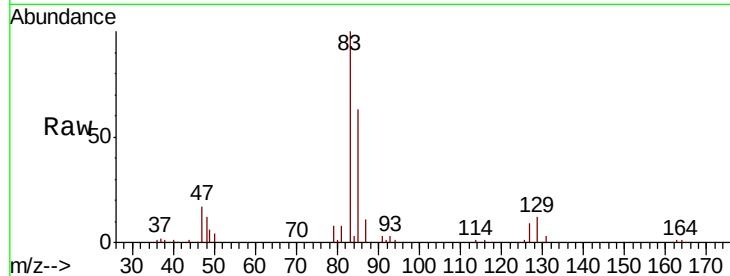
#47
Bromodichloromethane
Concen: 20.608 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBS01

Tot Ion	83	Resp	74101
Ion Ratio	100	Lower	Upper
83	100		
85	63.0	51.8	77.6
127	8.8	7.3	10.9

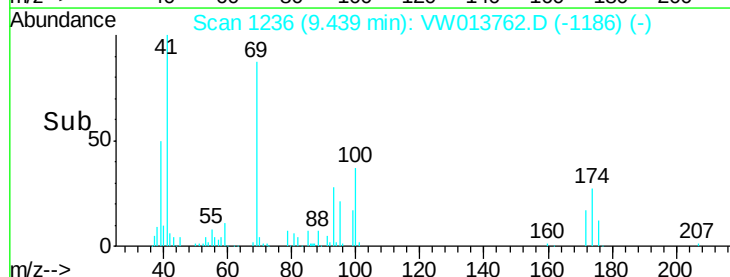
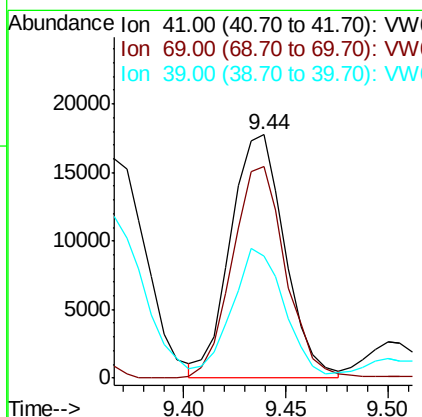
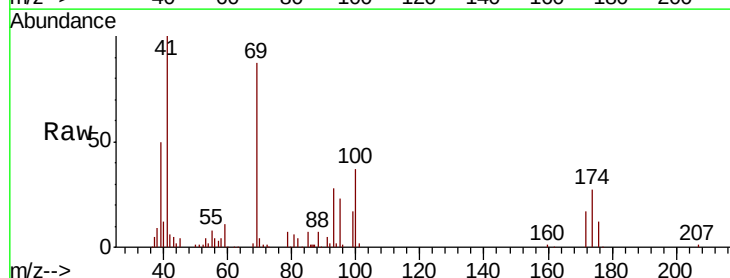
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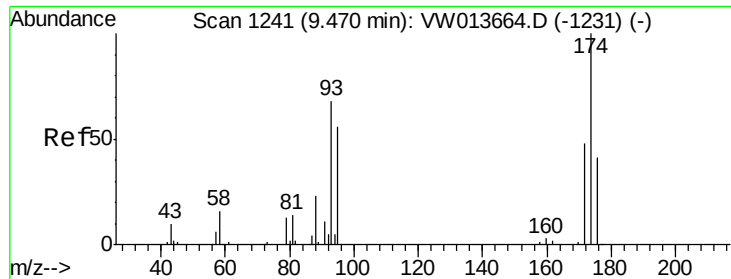
MMDadoda
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#48
Methyl methacrylate
Concen: 21.383 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	41	Resp	32911
Ion Ratio	100	Lower	Upper
41	100		
69	85.2	67.6	101.4
39	47.4	38.6	58.0





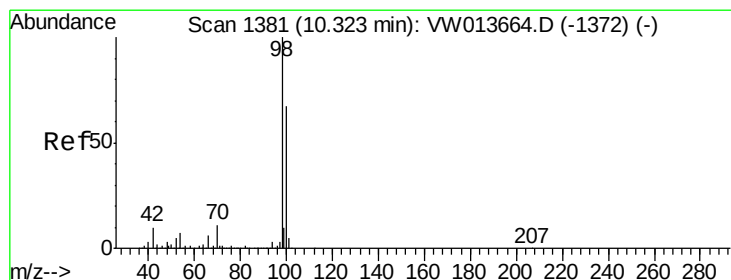
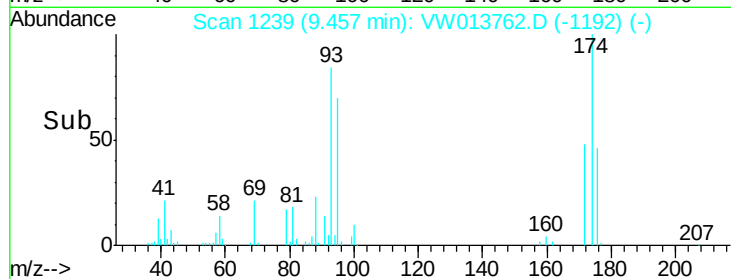
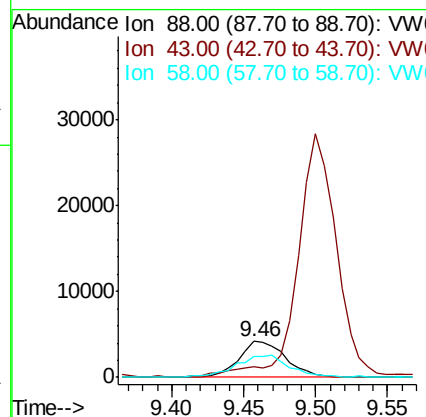
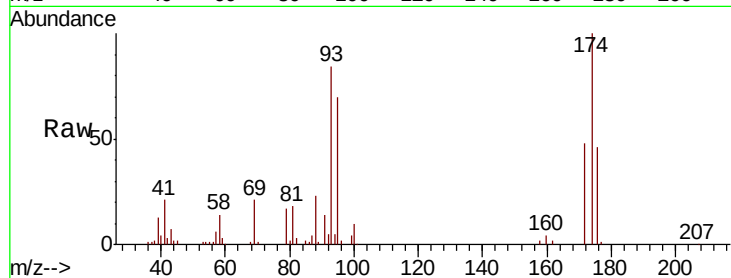
#49
1,4-Dioxane
Concen: 459.493 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	70.9	58.9	88.3

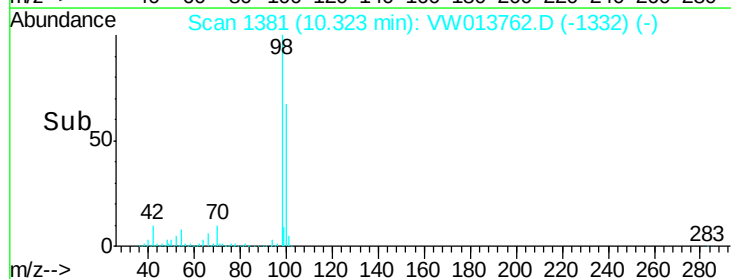
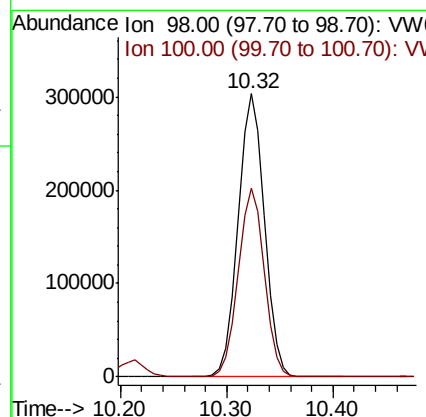
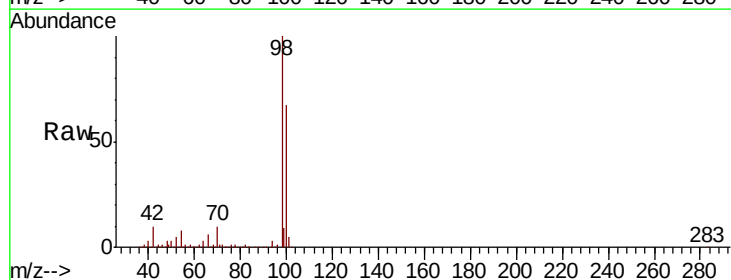
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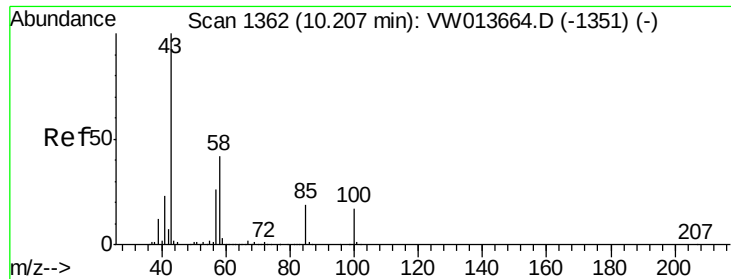
MMDadoda
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#50
Toluene-d8
Concen: 51.276 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.4	80.0





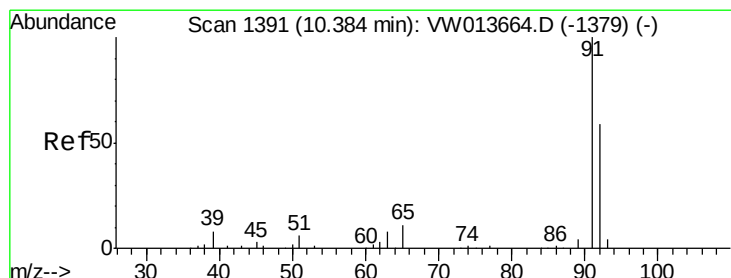
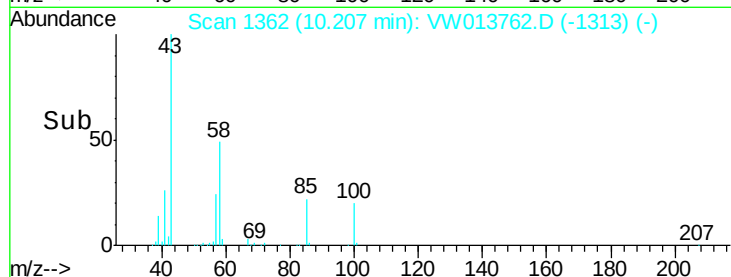
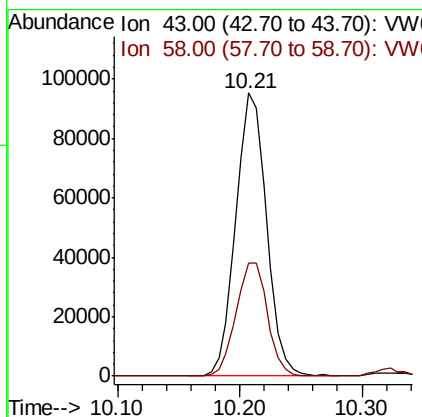
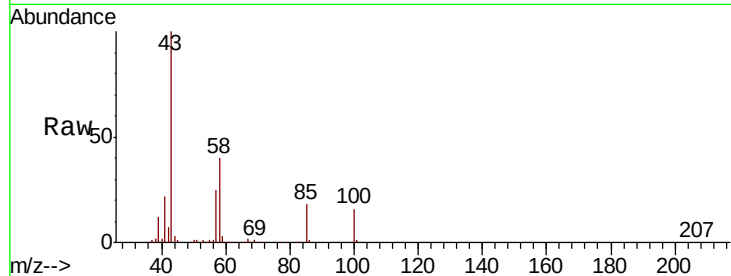
#51
4-Methyl-2-Pentanone
Concen: 107.907 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBSD01

Tot Ion: 43 Resp: 166424
Ion Ratio Lower Upper
43 100
58 41.0 32.6 49.0

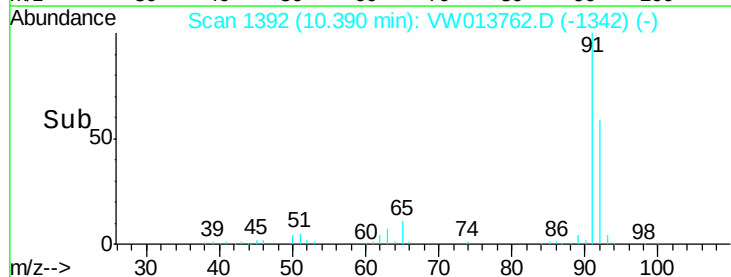
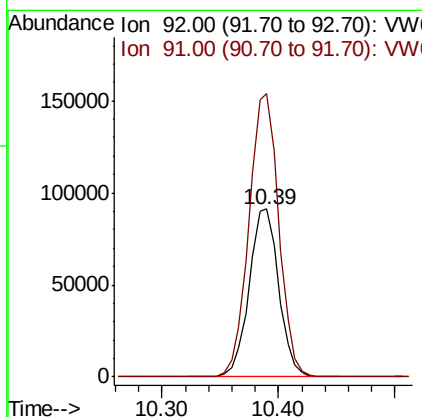
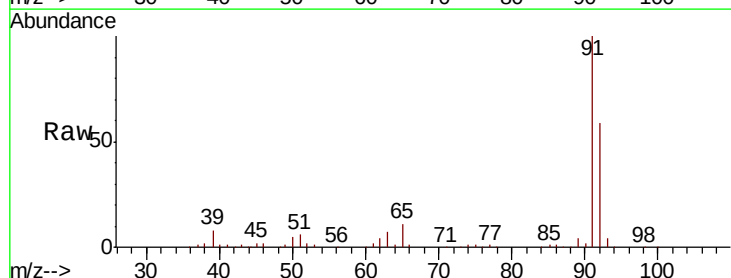
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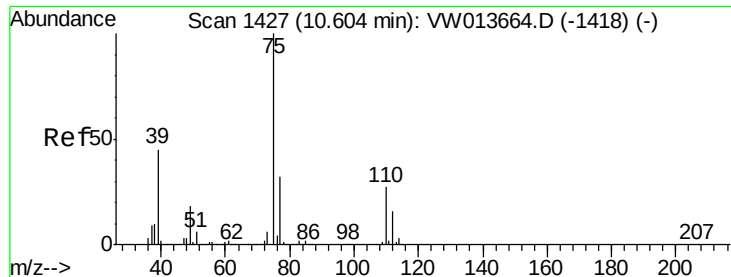
MMDadoda
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#52
Toluene
Concen: 20.900 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion: 92 Resp: 161607
Ion Ratio Lower Upper
92 100
91 170.7 134.5 201.7





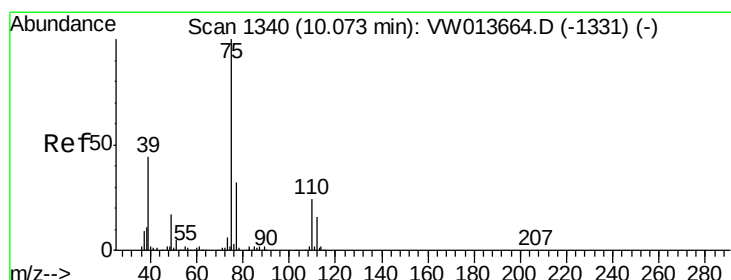
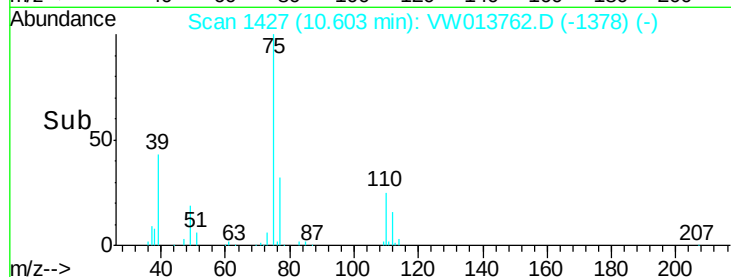
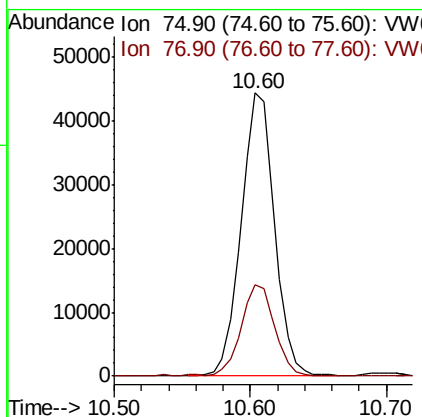
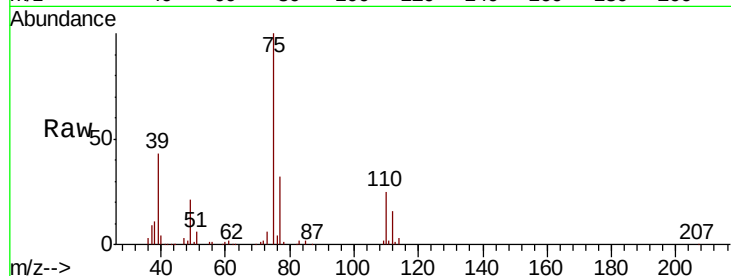
#53
t-1,3-Dichloropropene
Concen: 20.852 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.5	38.3

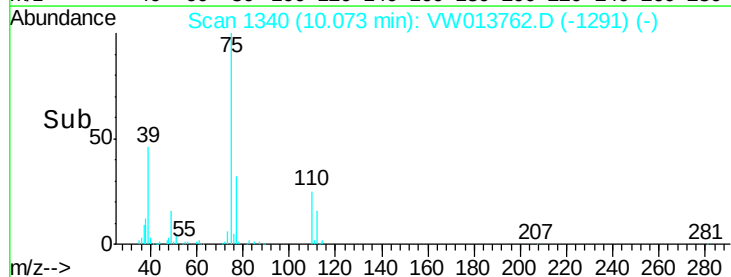
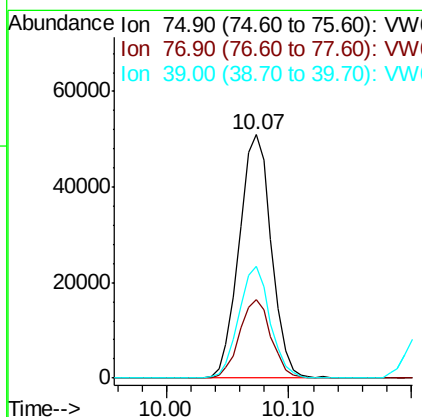
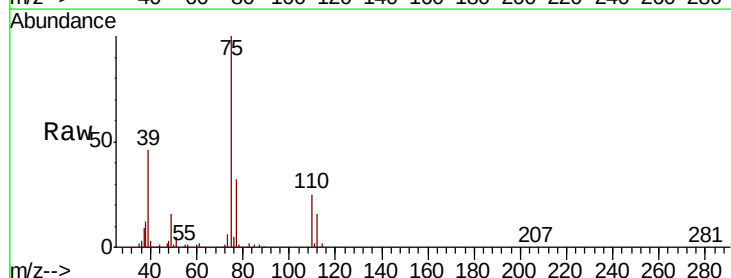
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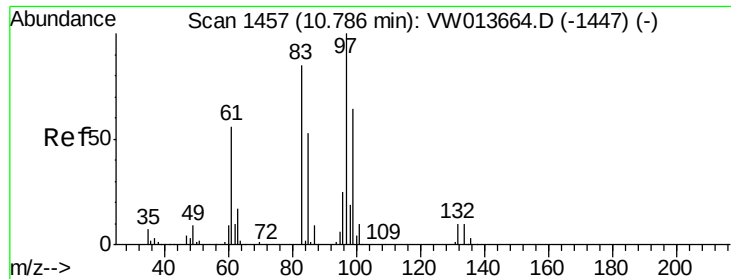
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#54
cis-1,3-Dichloropropene
Concen: 20.706 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.6
39	45.9	35.3	52.9





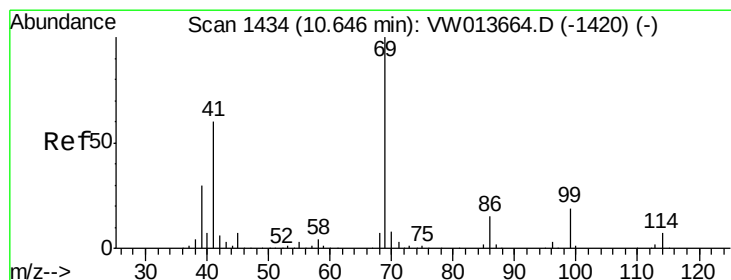
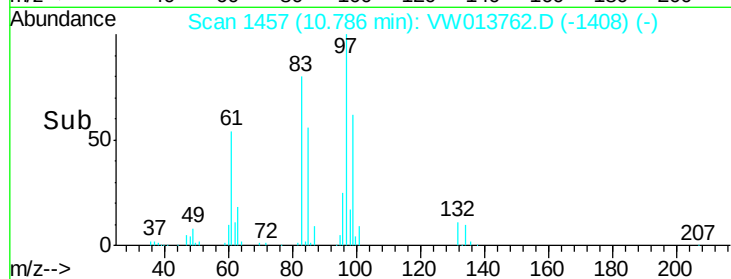
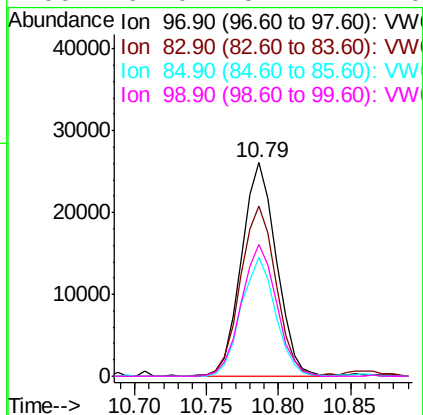
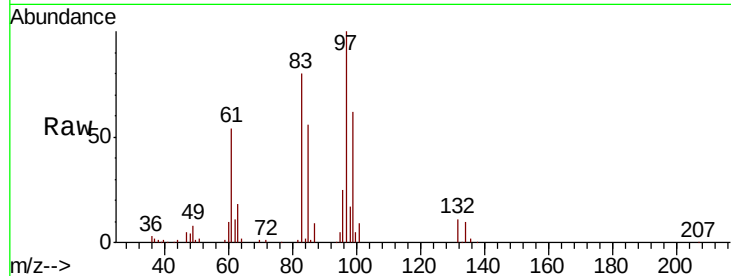
#55
 1,1,2-Trichloroethane
 Concen: 21.238 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013762.D
 Acq: 28 Oct 2019 13:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1028SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	80.0	67.8	101.8
85	56.0	42.1	63.1
99	62.0	51.4	77.0

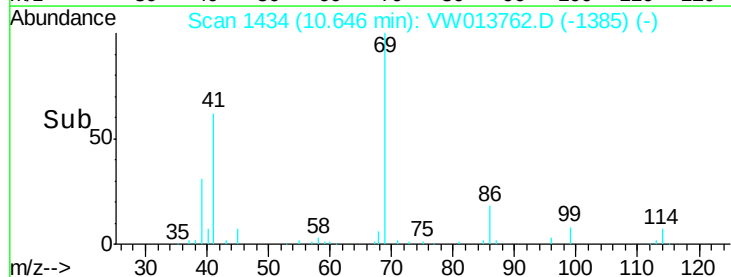
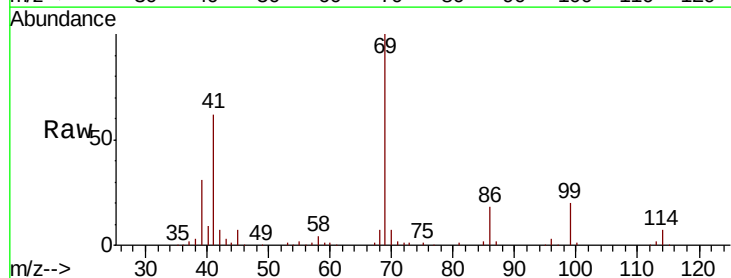
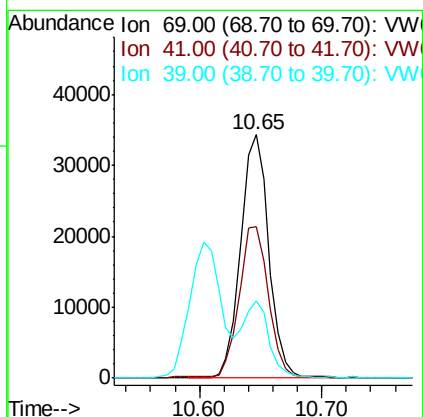
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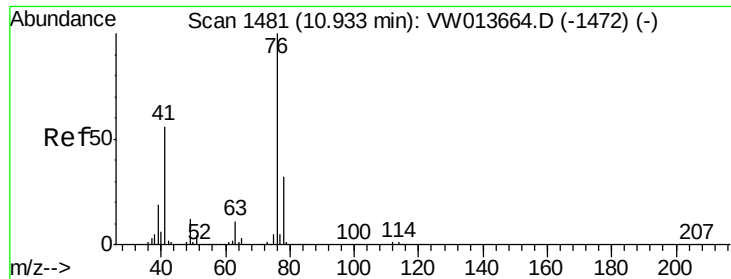
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#56
 Ethyl methacrylate
 Concen: 21.179 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013762.D
 Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.4	51.6	77.4
39	29.0	22.4	33.6





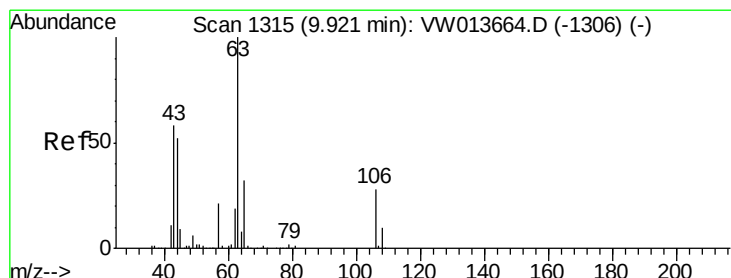
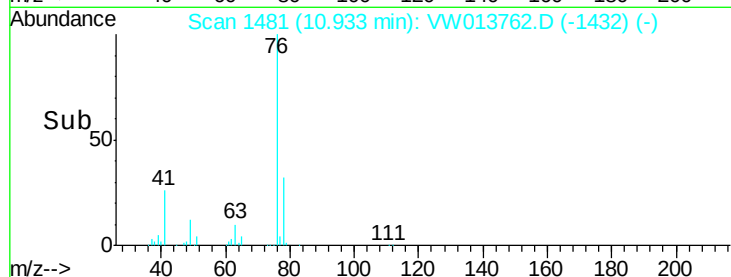
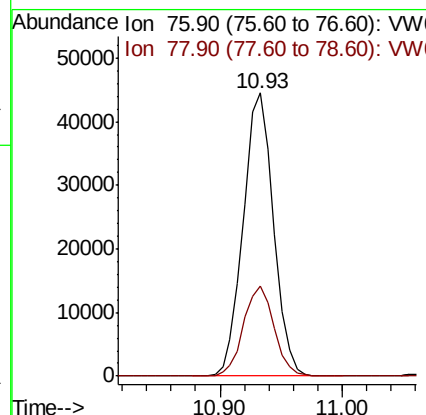
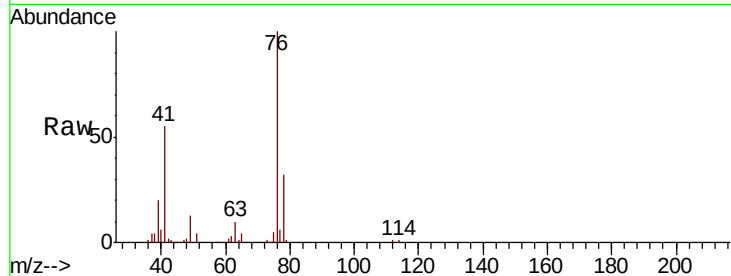
#57
 1,3-Dichloropropane
 Concen: 21.488 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013762.D
 Acq: 28 Oct 2019 13:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1028SBS01

Tot Ion: 76 Resp: 76371
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.0 39.0

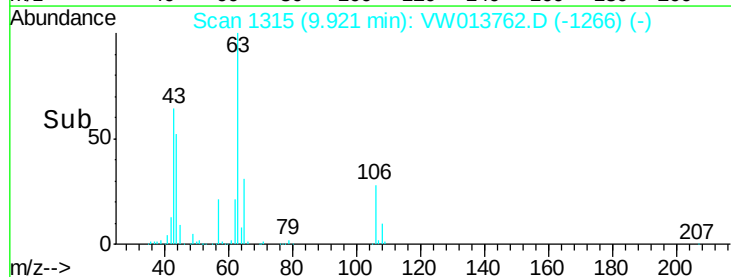
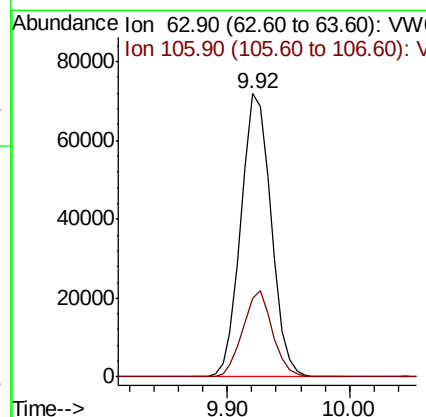
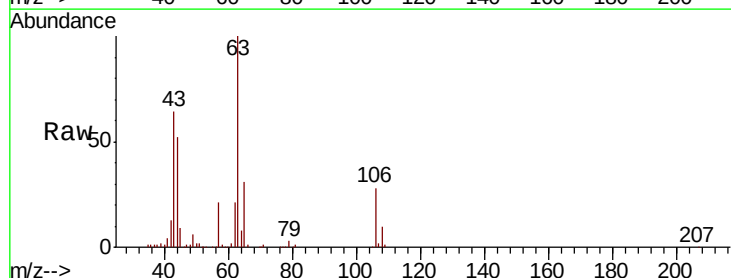
Manual Integrations
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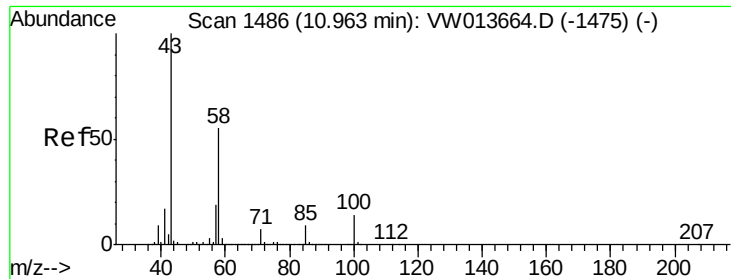
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 10/29/2019 2:05:09 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.386 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013762.D
 Acq: 28 Oct 2019 13:21

Tgt Ion: 63 Resp: 123297
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.8 35.8





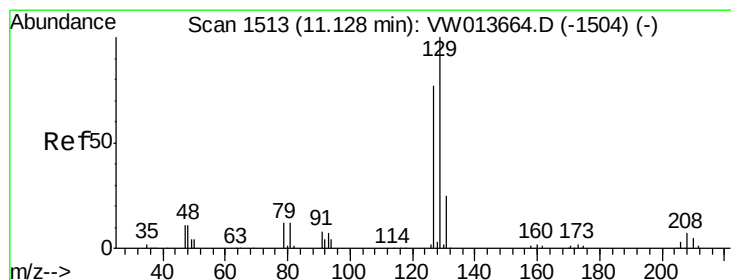
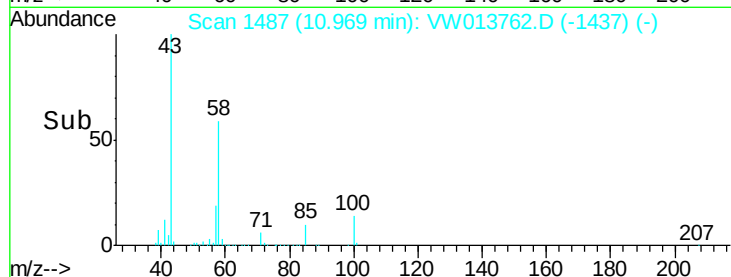
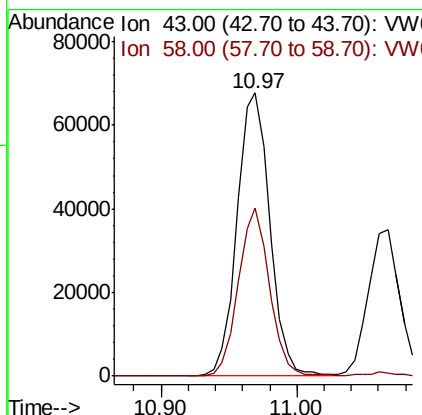
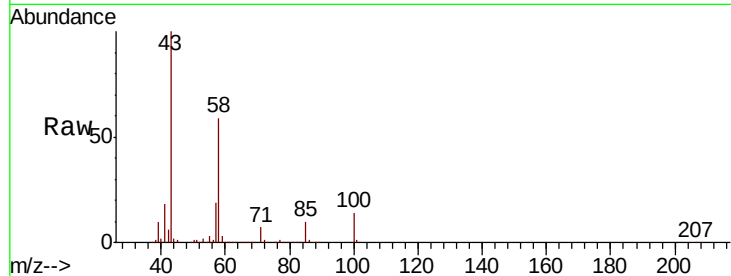
#59
2-Hexanone
Concen: 107.110 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.6	27.9	83.7

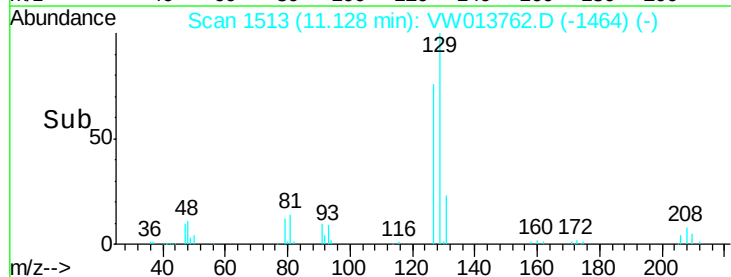
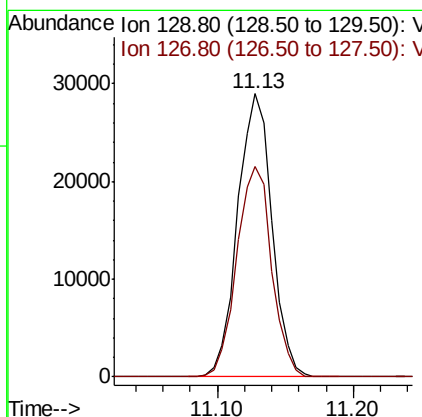
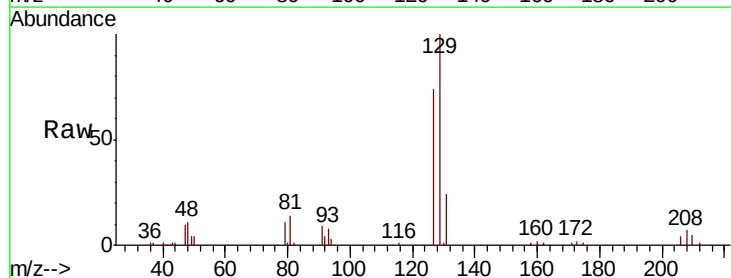
Manual Integrations
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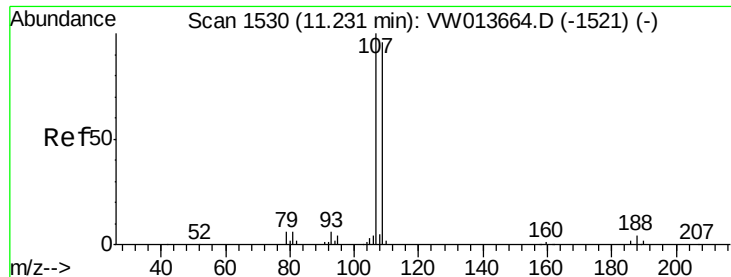
MMDadoda
10/29/2019 2:05:09 PM



#60
Dibromochloromethane
Concen: 20.717 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.4	38.9	116.7





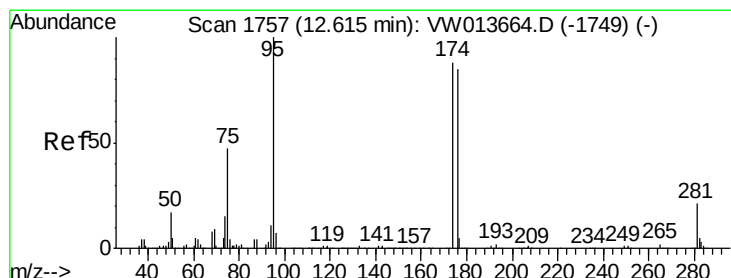
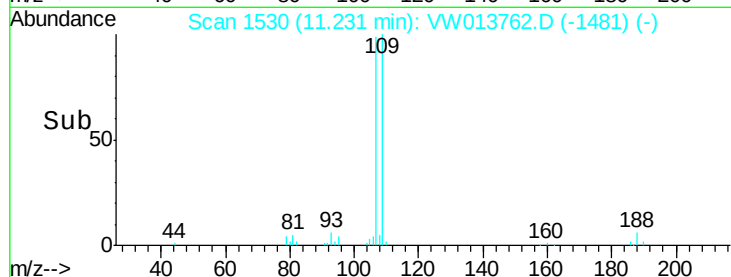
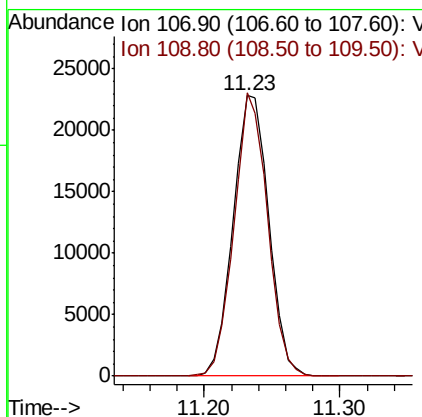
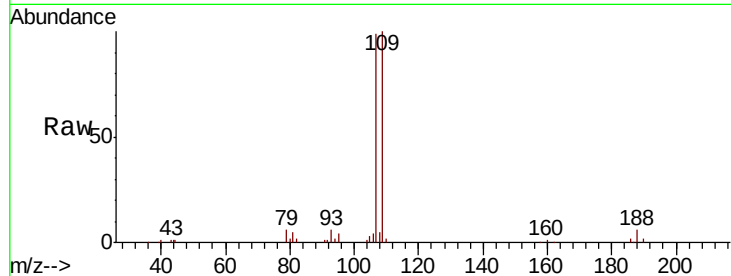
#61
1,2-Dibromoethane
Concen: 21.313 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.7	113.5

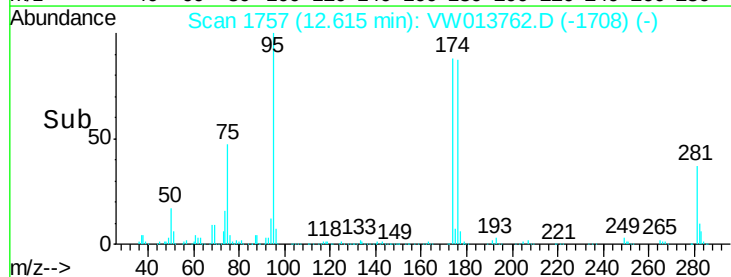
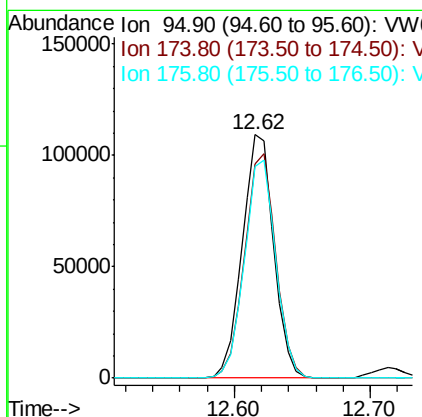
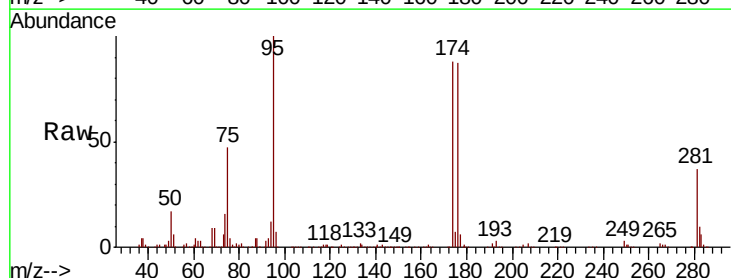
Manual Integrations
APPROVED

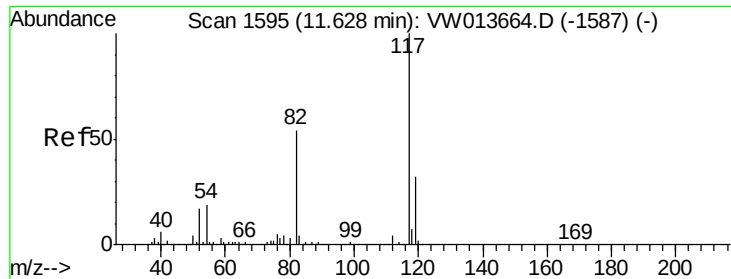
MMDadoda
10/29/2019 2:05:09 PM



#62
4-Bromofluorobenzene
Concen: 50.582 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	183.6
176	89.7	0.0	178.0





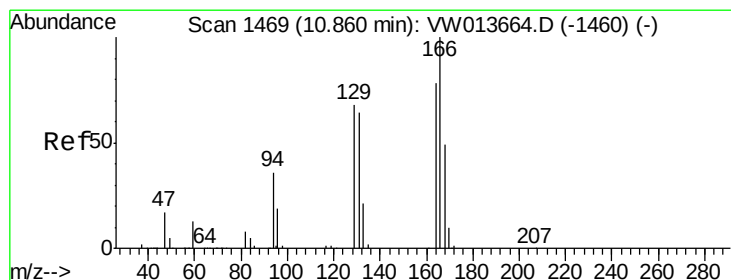
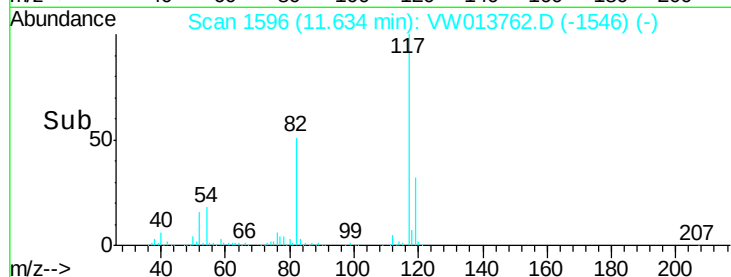
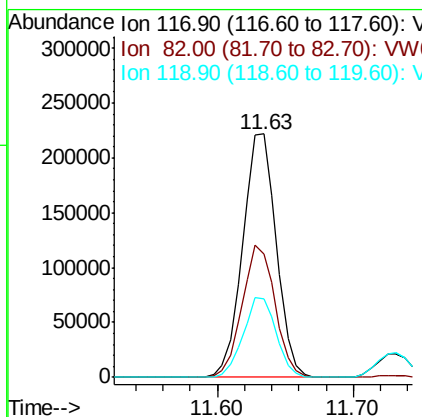
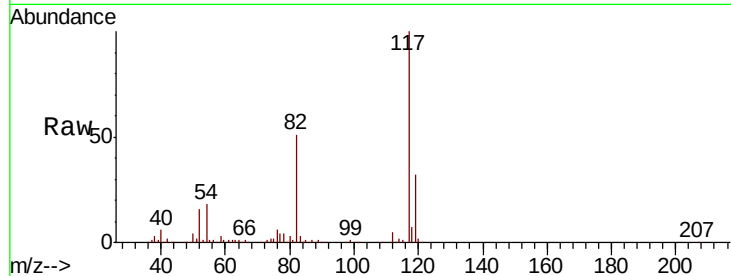
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	43.6	65.4
119	32.3	25.4	38.2

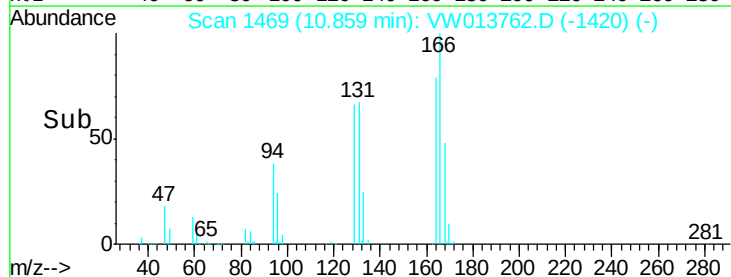
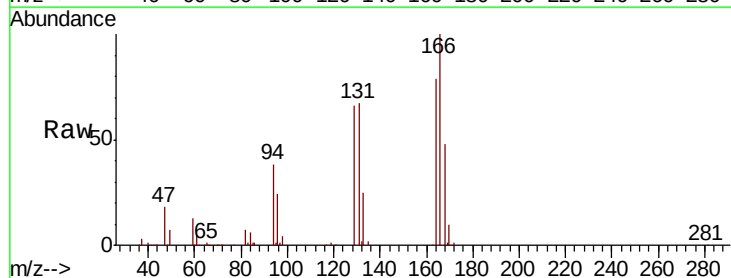
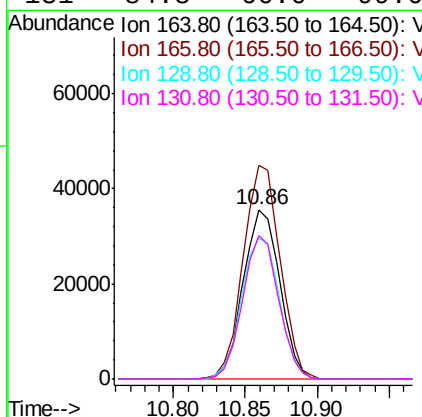
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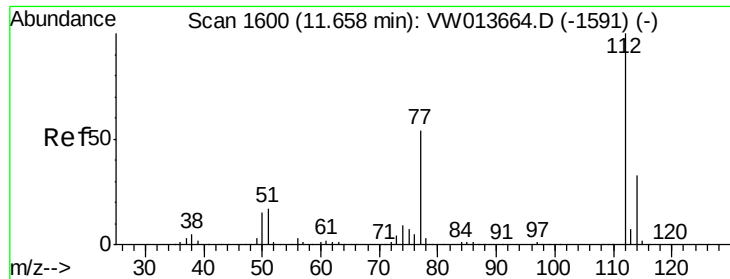
MMDadoda
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#64
Tetrachloroethene
Concen: 21.384 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	103.2	154.8
129	83.6	70.6	105.8
131	84.8	66.0	99.0





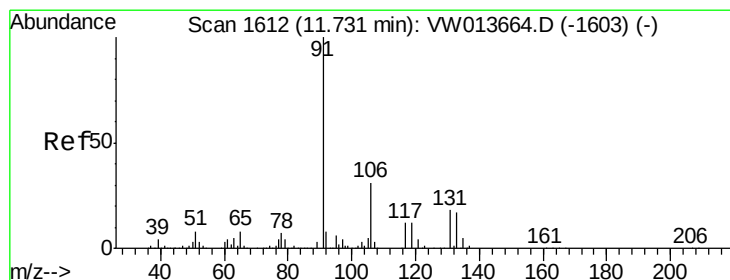
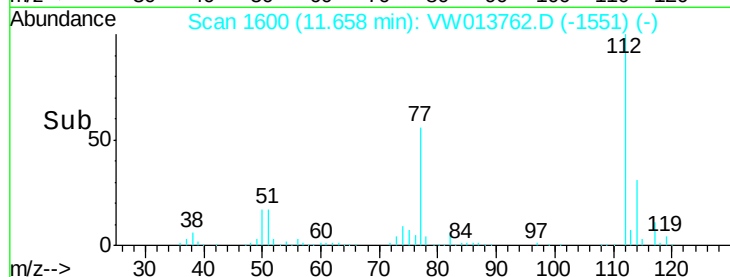
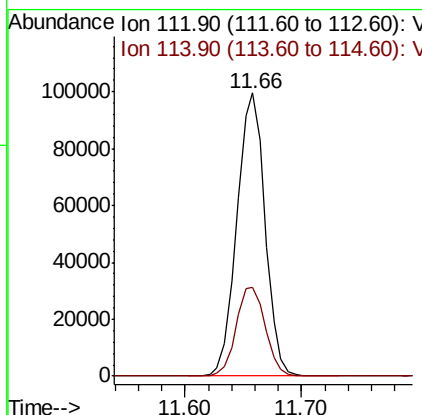
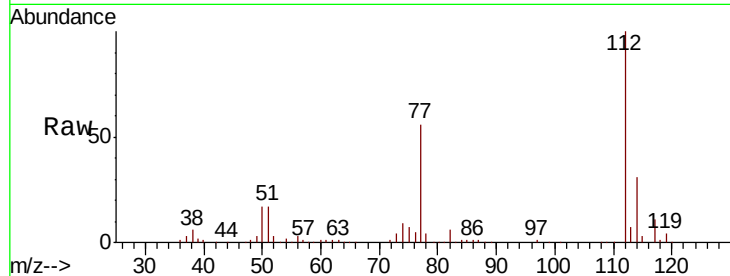
#65
Chlorobenzene
Concen: 21.318 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBS01

Tot Ion:112 Resp: 167693
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.4

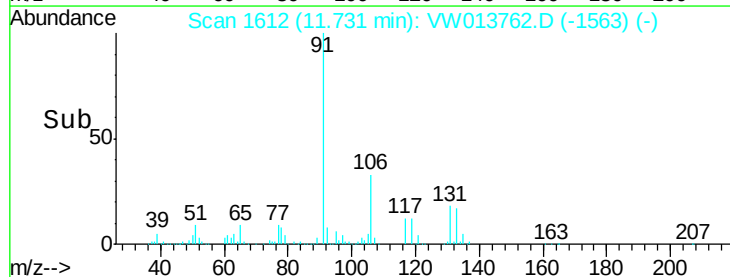
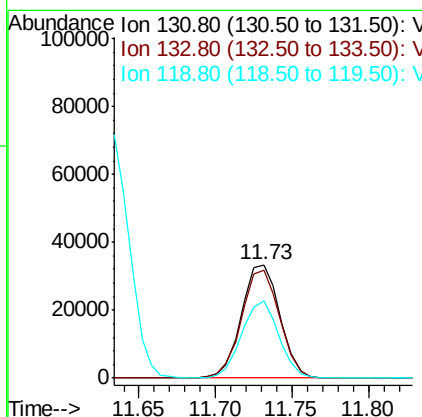
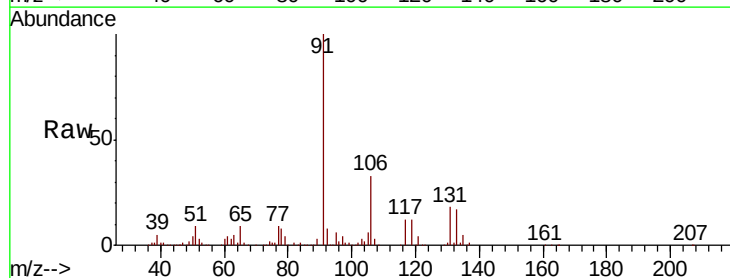
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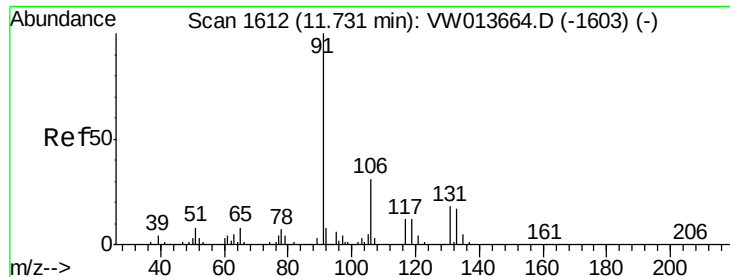
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.217 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion:131 Resp: 58248
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.3
119 66.3 33.1 99.2





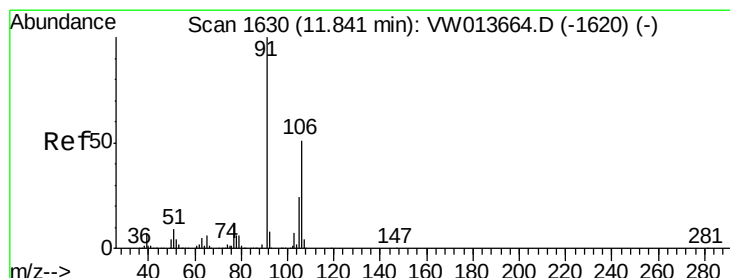
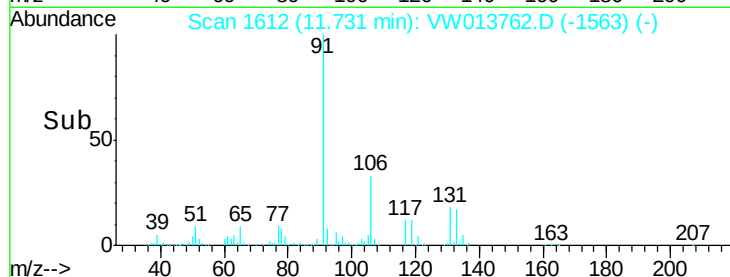
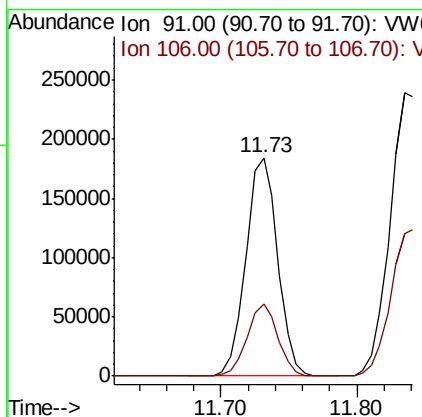
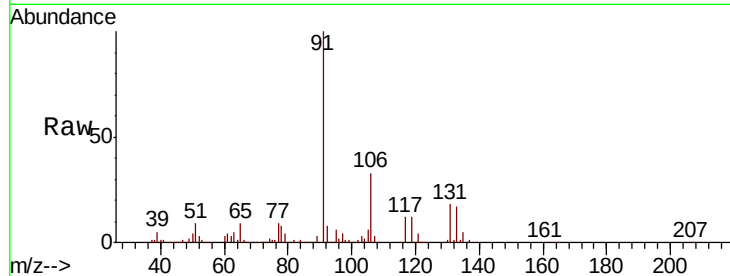
#67
Ethyl Benzene
Concen: 21.282 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBSD01

Tot Ion: 91 Resp: 301869
Ion Ratio Lower Upper
91 100
106 32.8 25.0 37.6

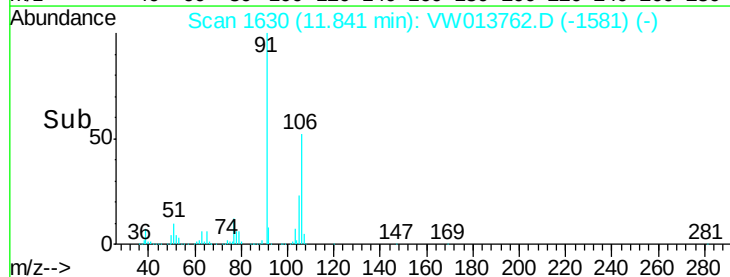
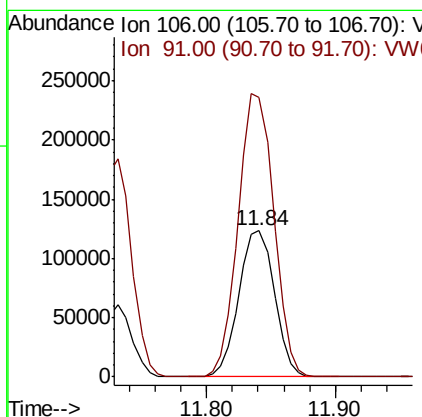
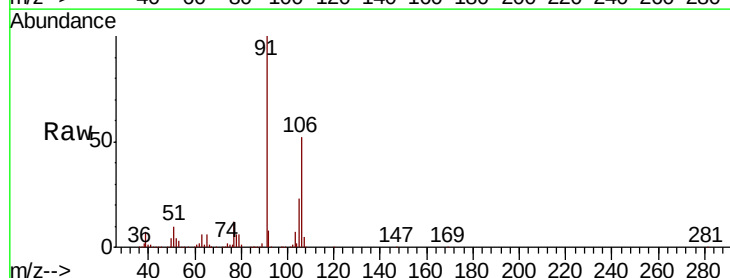
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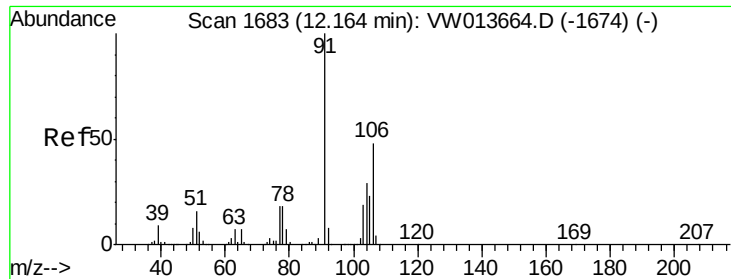
MMDadoda
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#68
m/p-Xylenes
Concen: 43.122 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion: 106 Resp: 236316
Ion Ratio Lower Upper
106 100
91 194.7 159.2 238.8





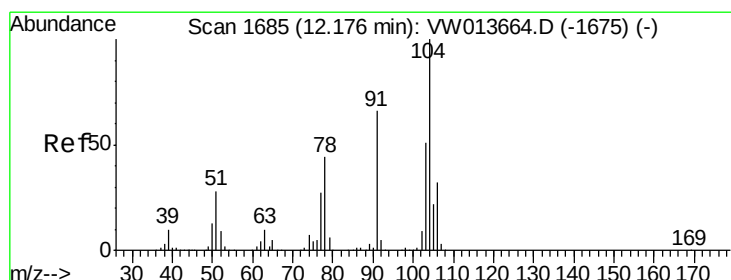
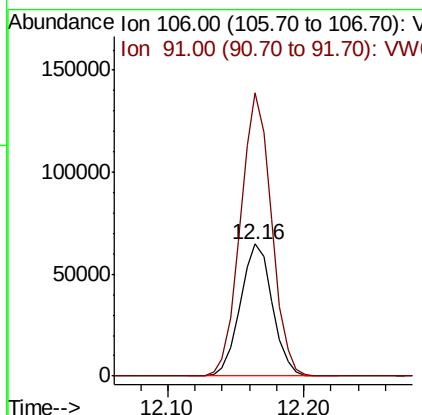
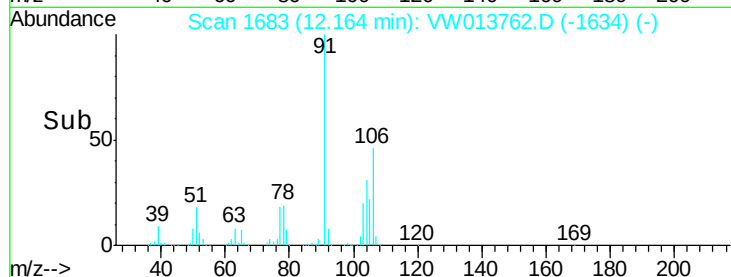
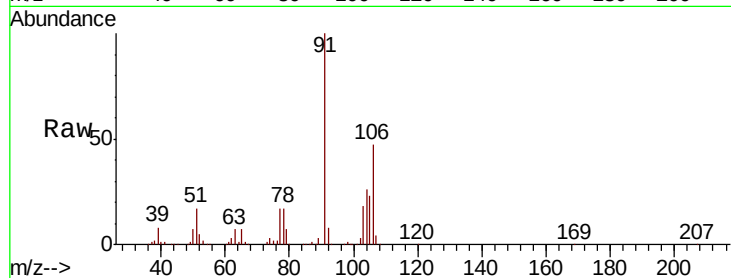
#69
o-Xylene
Concen: 21.152 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	208.0	104.9	314.7	

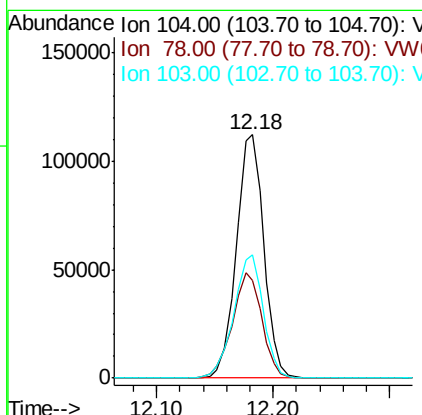
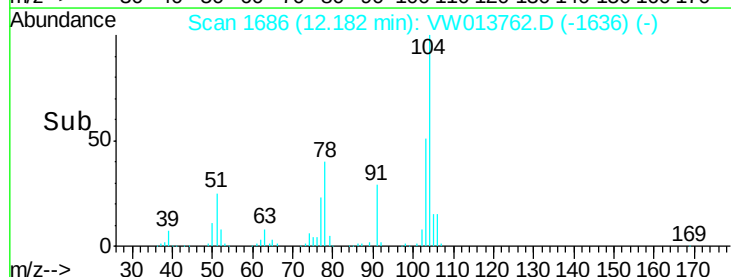
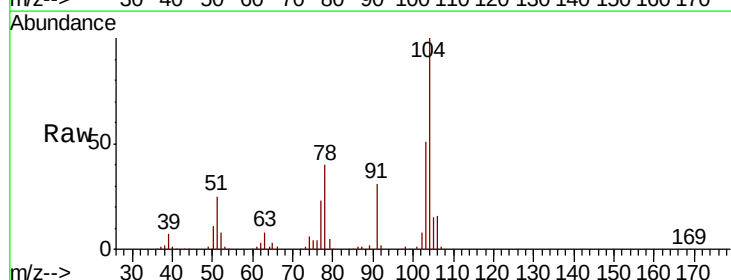
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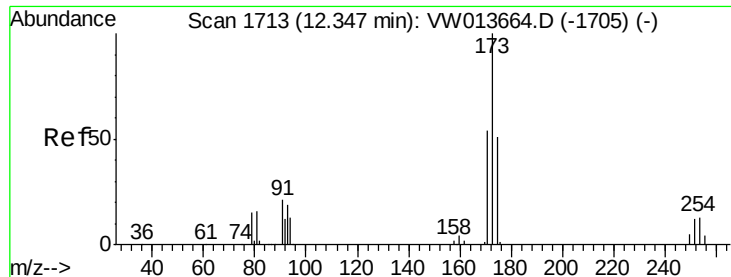
MMDadoda
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#70
Styrene
Concen: 21.357 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.6	37.1	55.7	
103	54.4	43.6	65.4	





#71

Bromoform

Concen: 21.285 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Instrument :

MSVOA_W

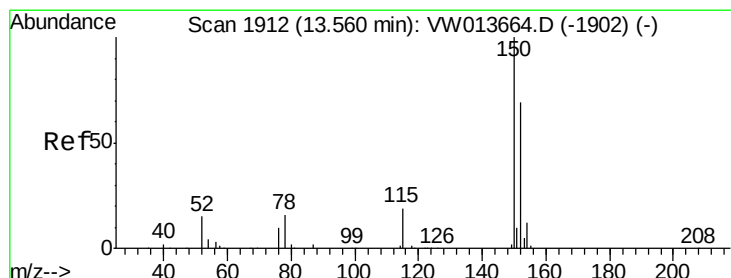
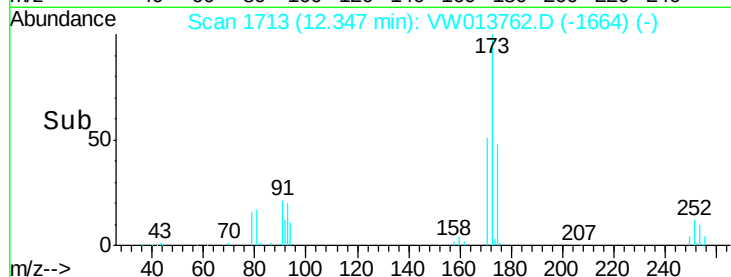
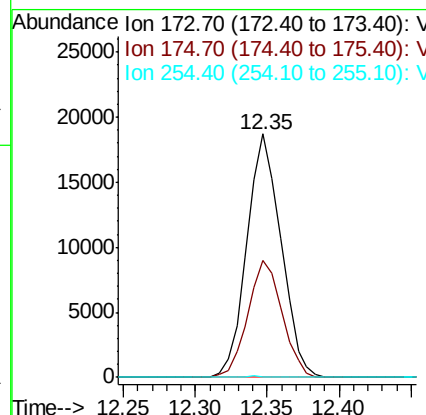
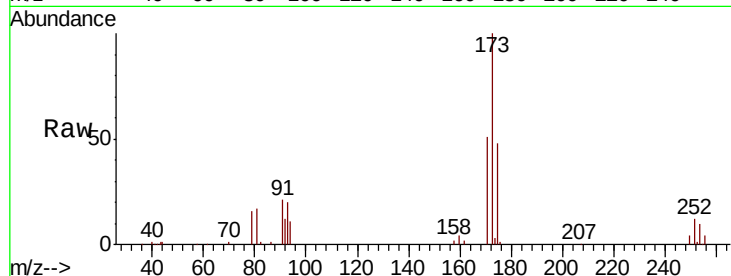
ClientSampleId :

VW1028SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	25.2	75.6
254	0.3	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

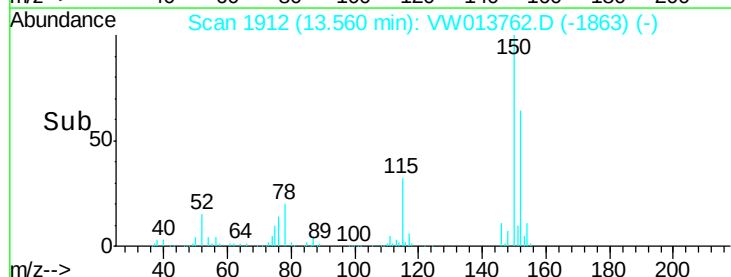
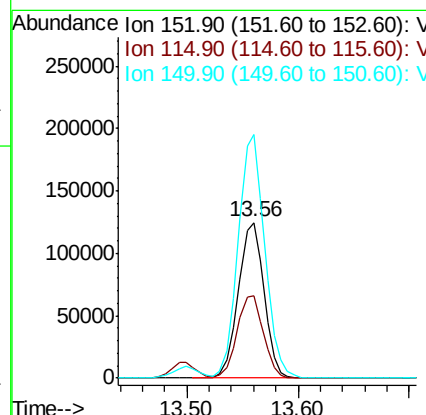
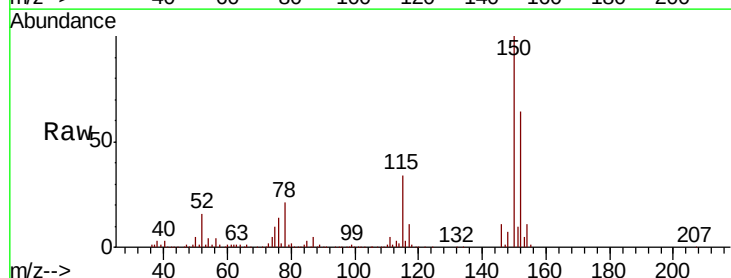
RT: 13.56 min Scan# 1912

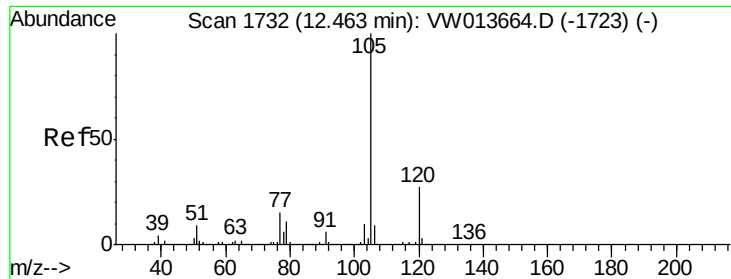
Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.4	82.2
150	162.0	0.0	345.4





#73

Isopropylbenzene

Concen: 20.757 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1028SBS01

Tot Ion:105 Resp: 296303

Ion Ratio Lower Upper

105 100

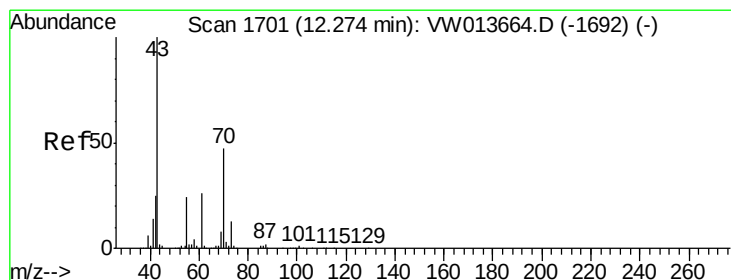
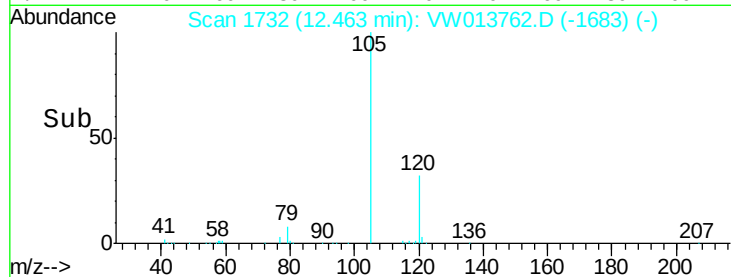
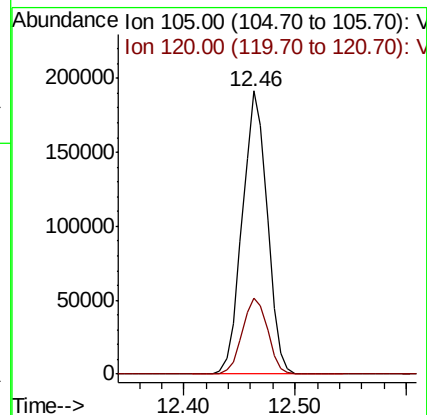
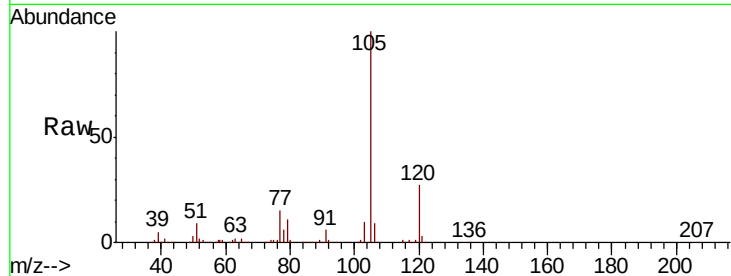
120 27.2 13.5 40.4

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#74

N-ethyl acetate

Concen: 20.748 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Tgt Ion: 43 Resp: 57292

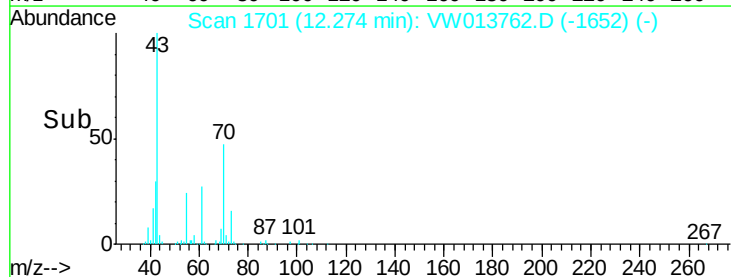
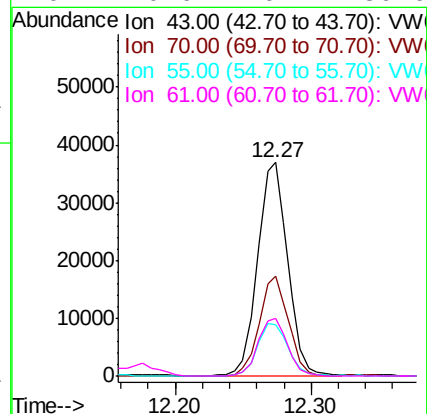
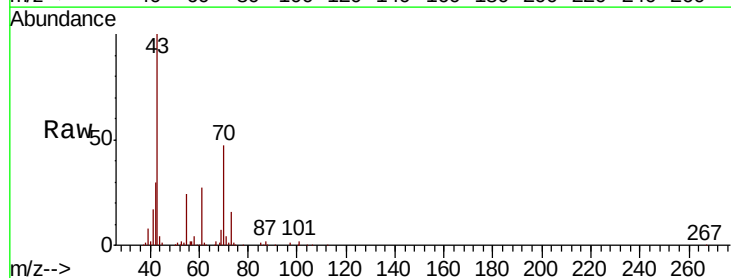
Ion Ratio Lower Upper

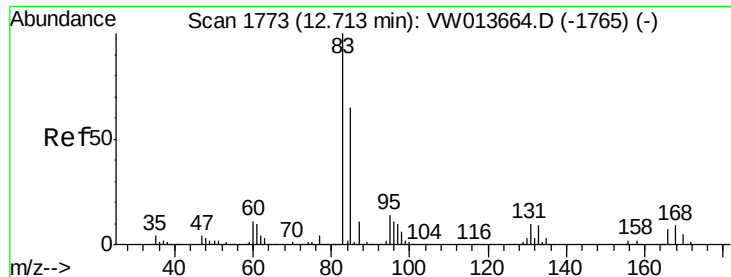
43 100

70 45.4 36.6 55.0

55 25.6 20.3 30.5

61 26.6 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.440 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Instrument :

MSVOA_W

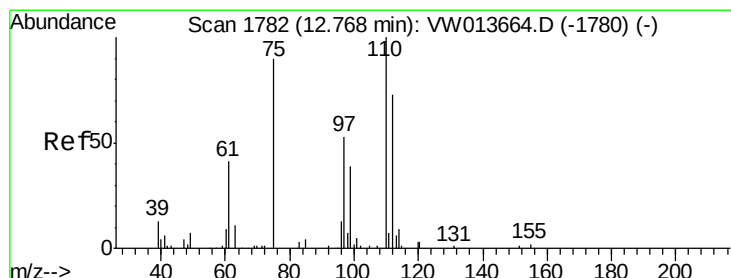
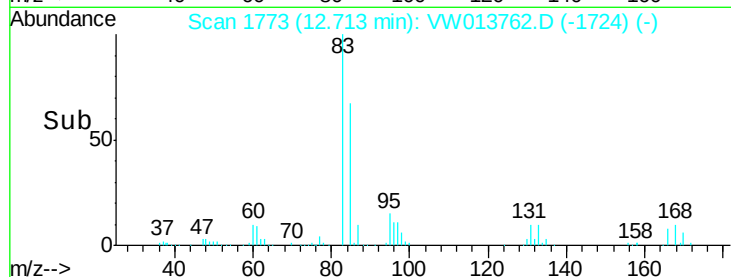
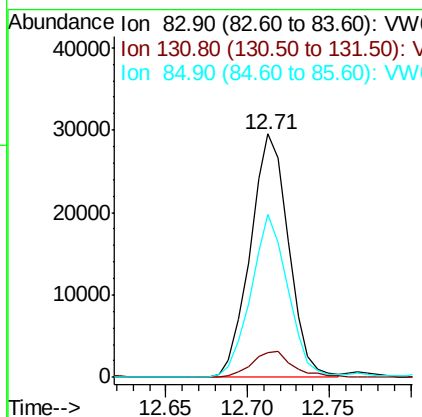
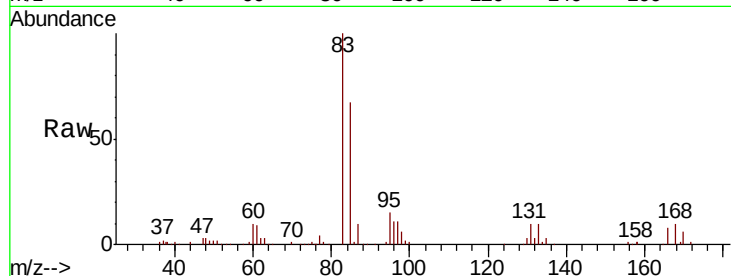
ClientSampleId :

VW1028SBS01

Tot Ion:	83	Resp:	48296
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.7	17.1
85	64.5	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.419 ug/l m

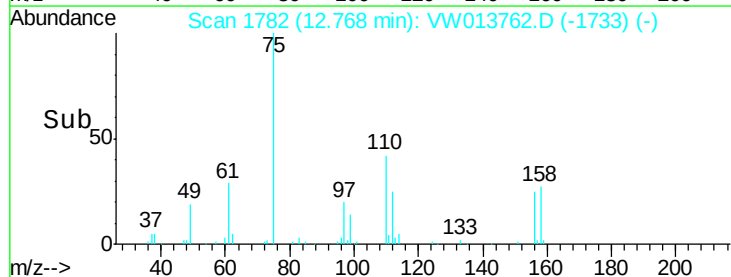
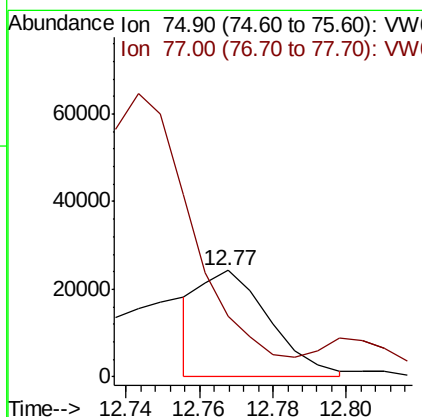
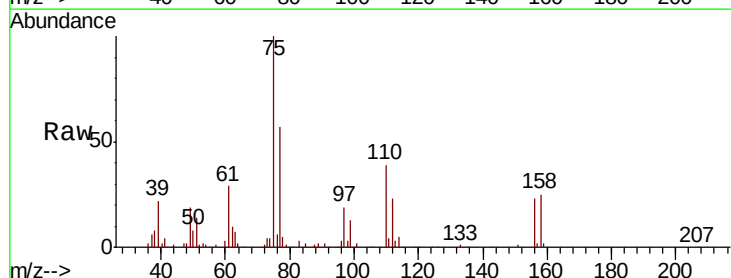
RT: 12.77 min Scan# 1782

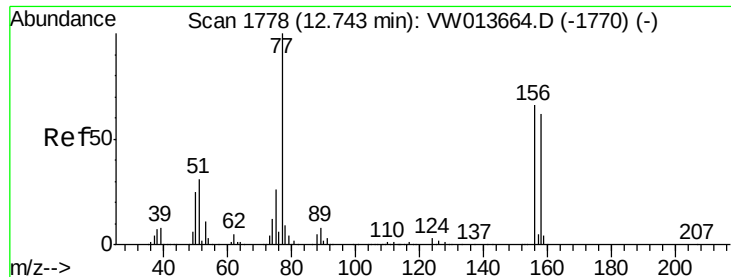
Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Tgt Ion:	75	Resp:	32003
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.854 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1028SBS01

Tot Ion:156 Resp: 71113

Ion Ratio Lower Upper

156 100

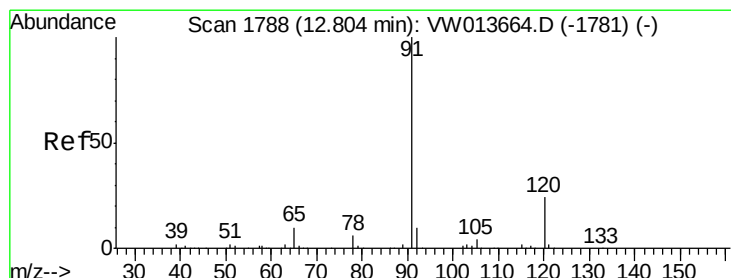
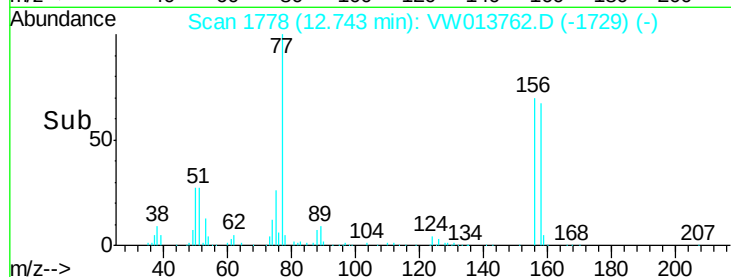
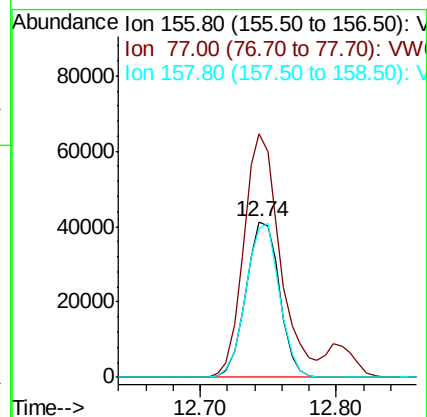
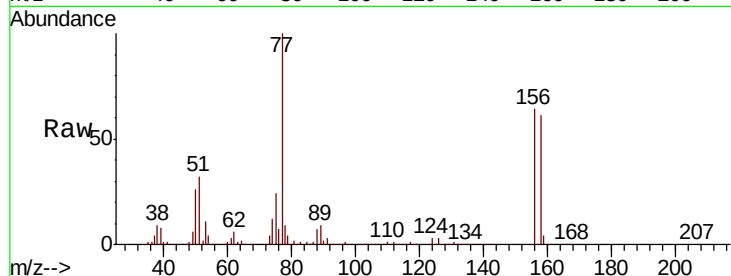
77 169.7 82.9 248.7

158 98.9 48.4 145.2

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#78

n-propylbenzene

Concen: 21.177 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013762.D

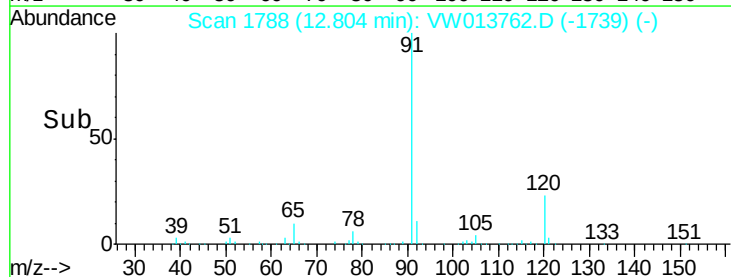
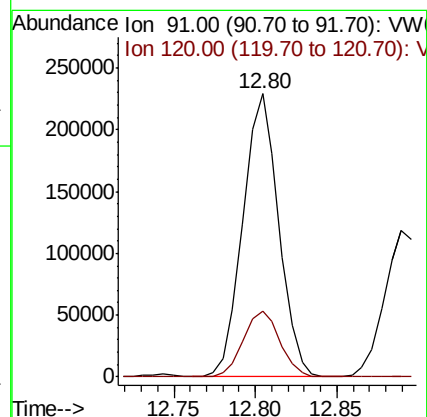
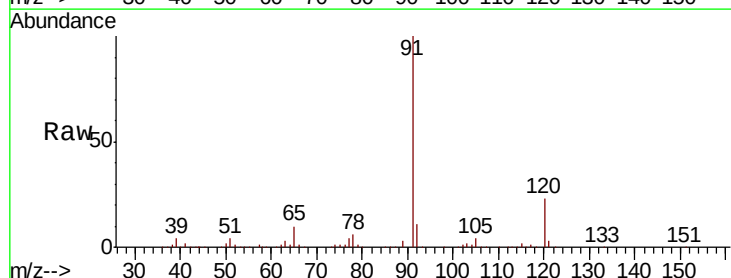
Acq: 28 Oct 2019 13:21

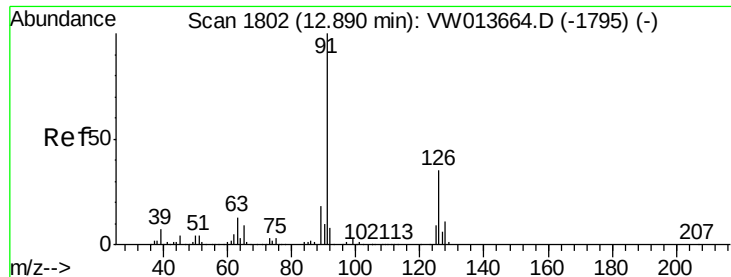
Tgt Ion: 91 Resp: 349899

Ion Ratio Lower Upper

91 100

120 23.9 12.0 36.0





#79

2-Chlorotoluene

Concen: 20.873 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1028SBS01

Tot Ion: 91 Resp: 193806

Ion Ratio Lower Upper

91 100

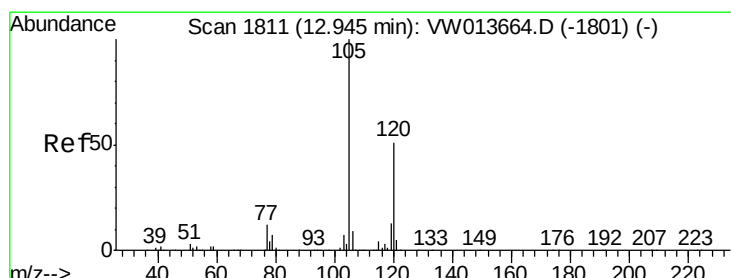
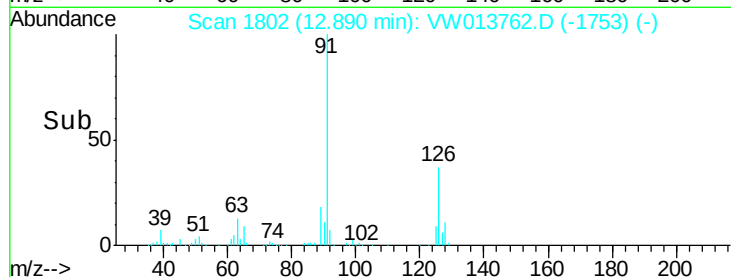
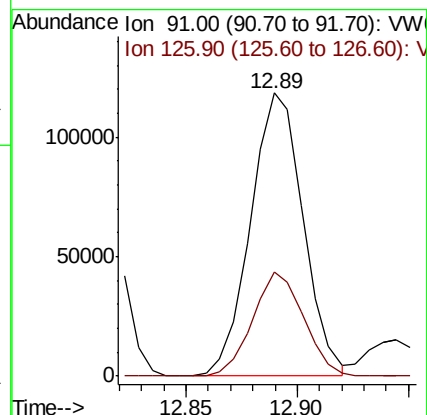
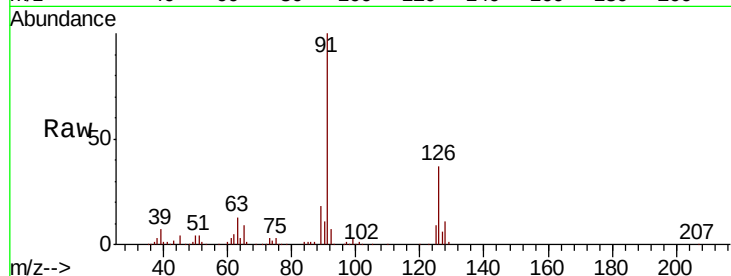
126 36.0 17.4 52.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.283 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013762.D

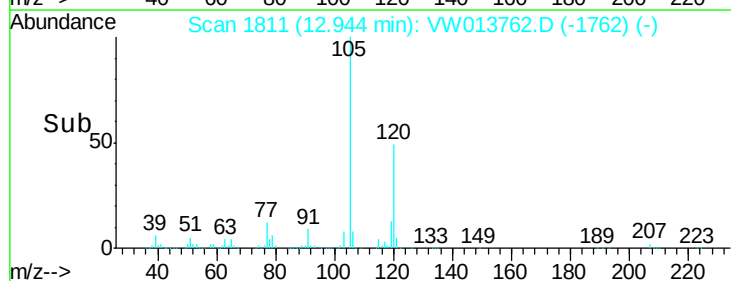
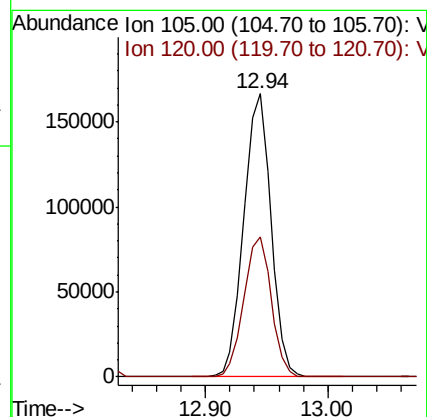
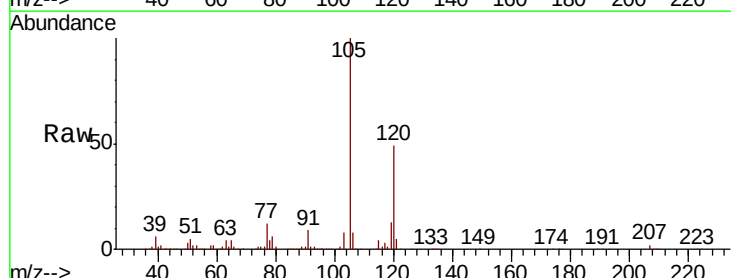
Acq: 28 Oct 2019 13:21

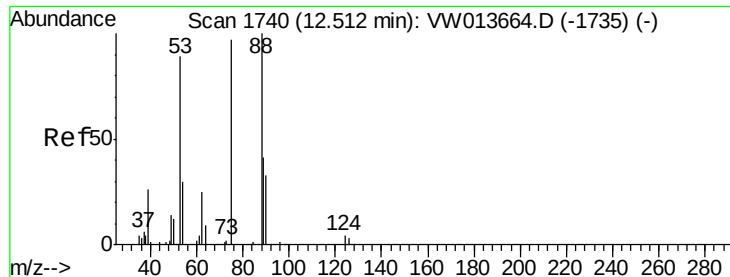
Tgt Ion: 105 Resp: 256465

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.3





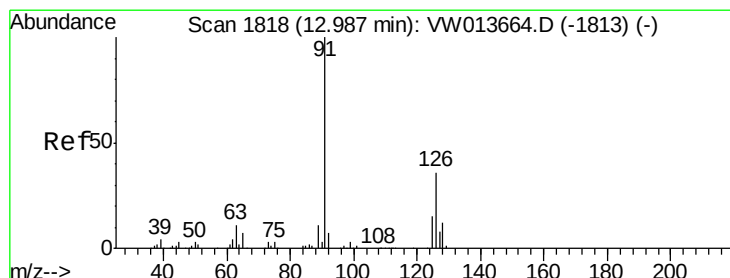
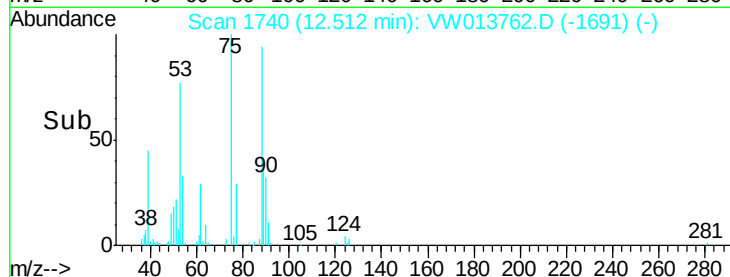
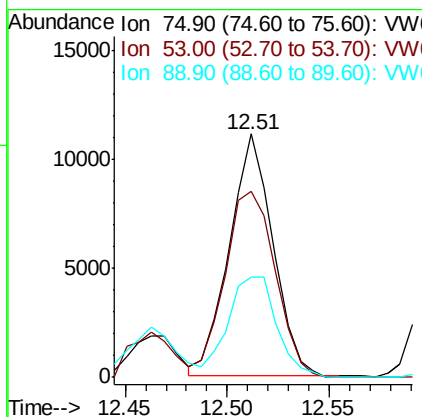
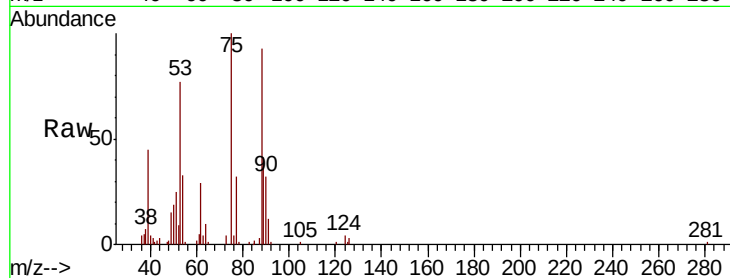
#81
trans-1,4-Dichloro-2-butene
Concen: 21.798 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.0	71.7	107.5
89	46.3	35.8	53.8

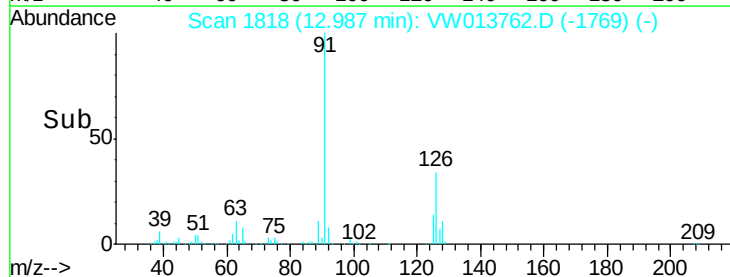
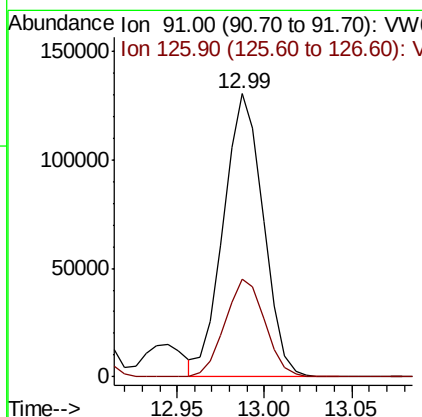
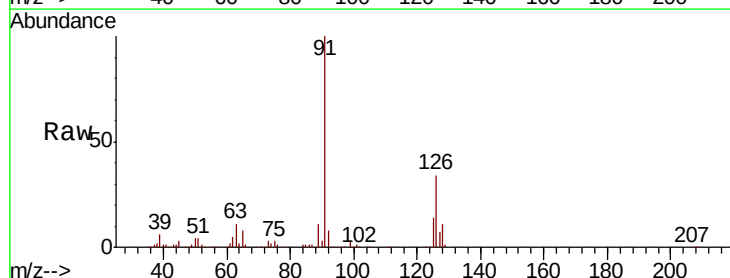
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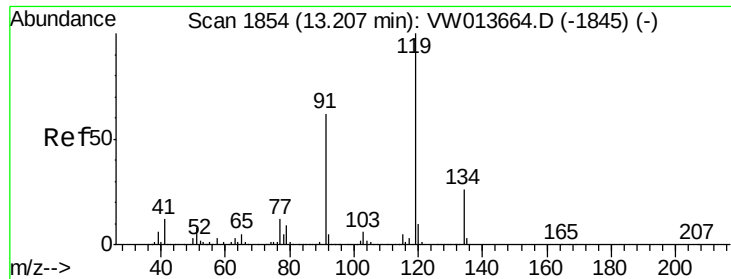
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#82
4-Chlorotoluene
Concen: 21.093 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.2	51.5





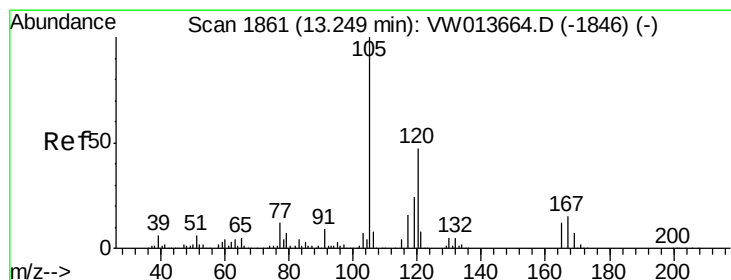
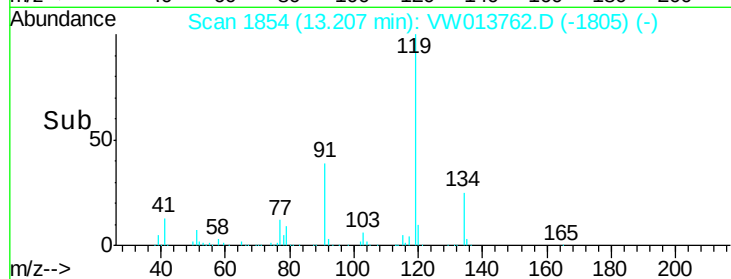
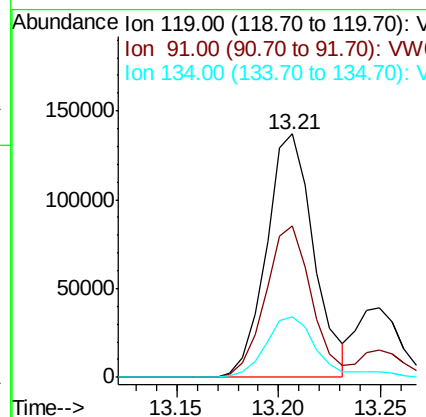
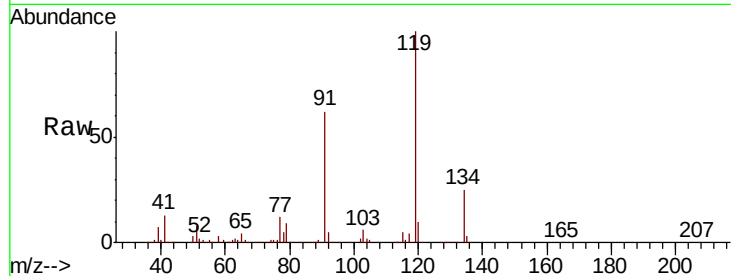
#83
 tert-Butylbenzene
 Concen: 20.716 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW013762.D
 Acq: 28 Oct 2019 13:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1028SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.5	30.4	91.3
134	27.7	13.6	40.8

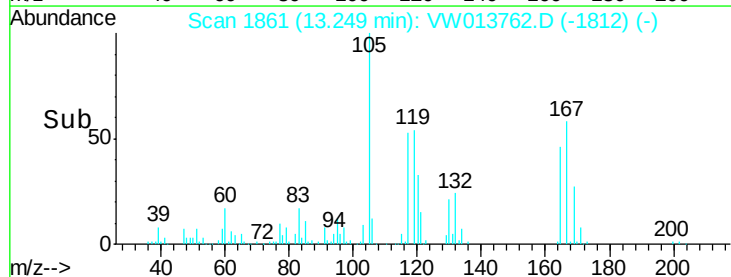
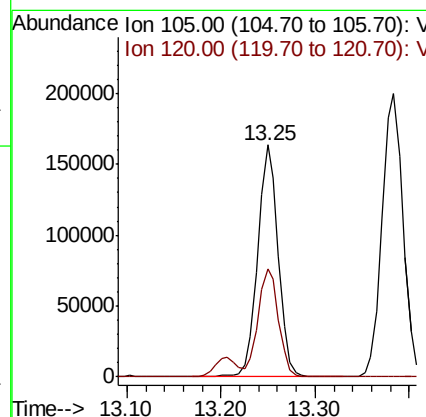
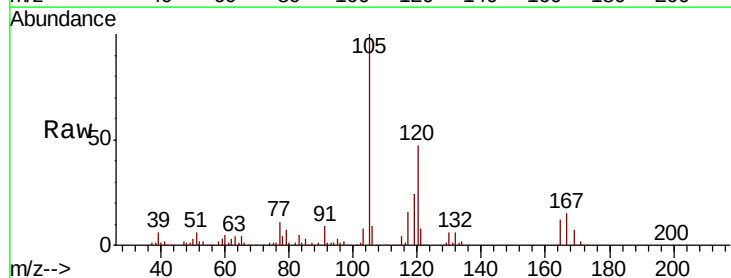
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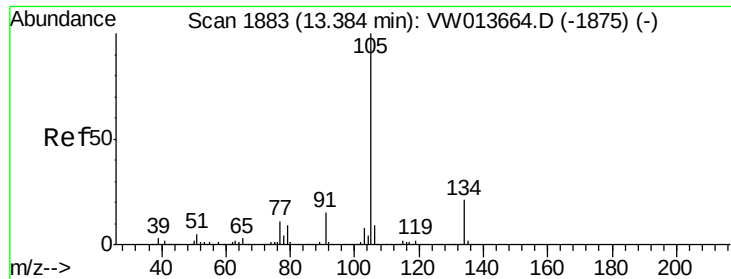
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.123 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013762.D
 Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.5	70.5





#85

sec-Butylbenzene

Concen: 21.057 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

VW1028SBS01

Tot Ion:105 Resp: 307995

Ion Ratio Lower Upper

105 100

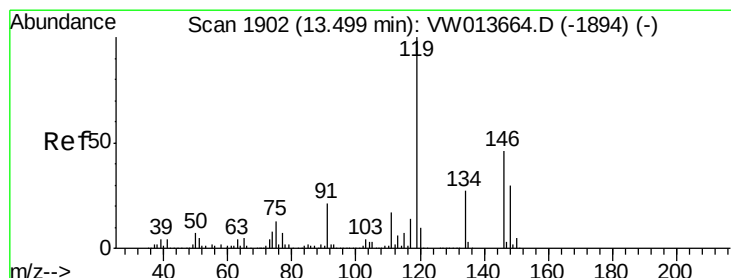
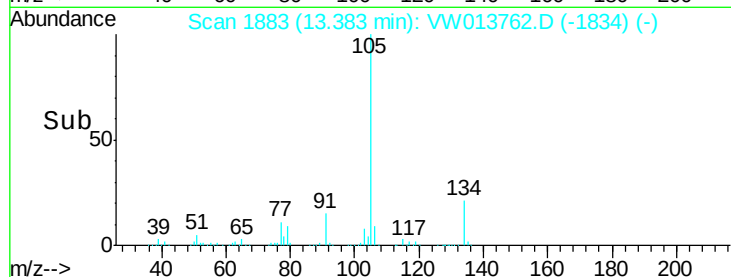
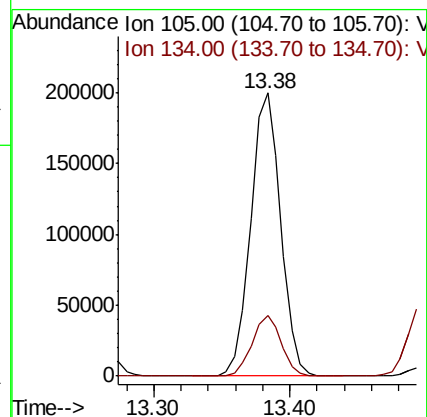
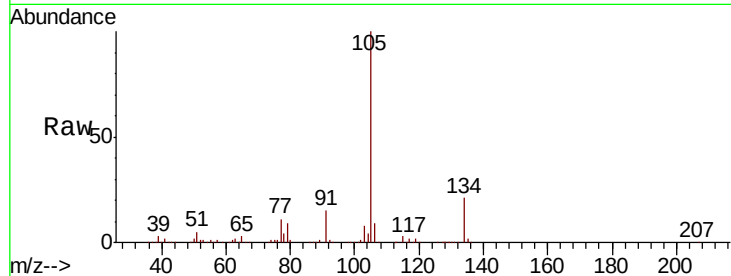
134 21.0 10.5 31.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.090 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013762.D

Acq: 28 Oct 2019 13:21

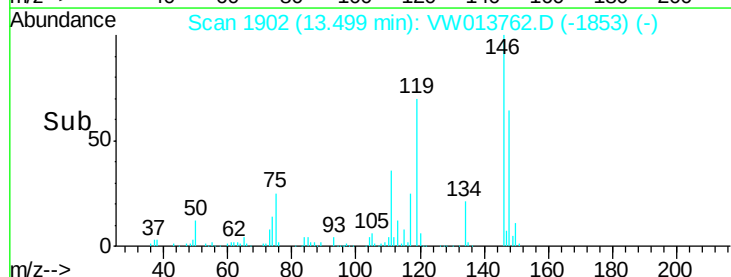
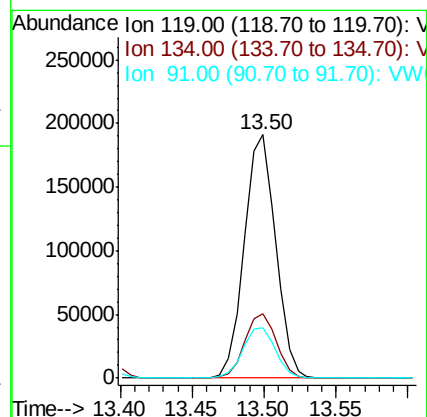
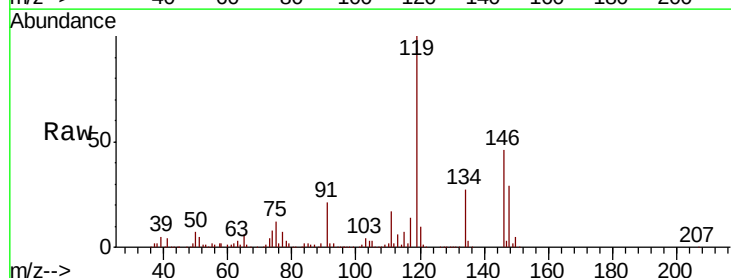
Tgt Ion:119 Resp: 287360

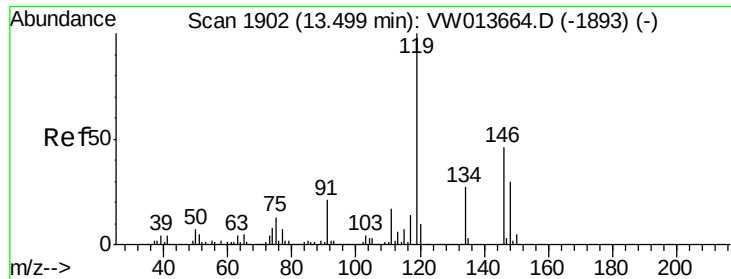
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 21.8 10.8 32.3





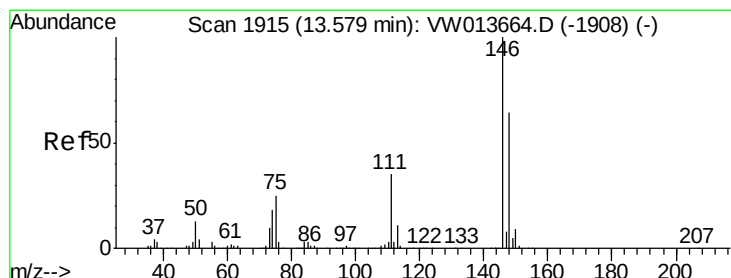
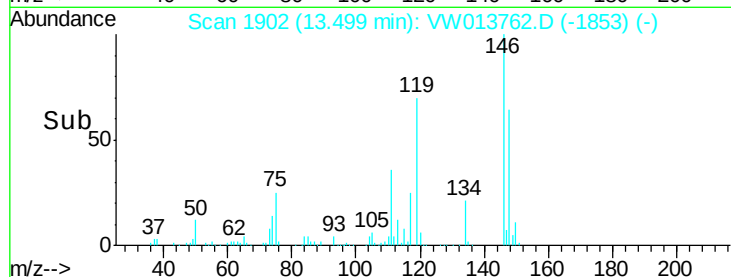
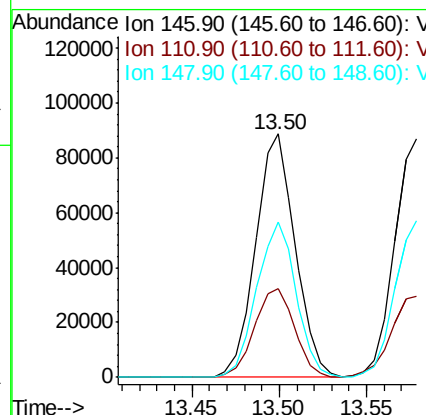
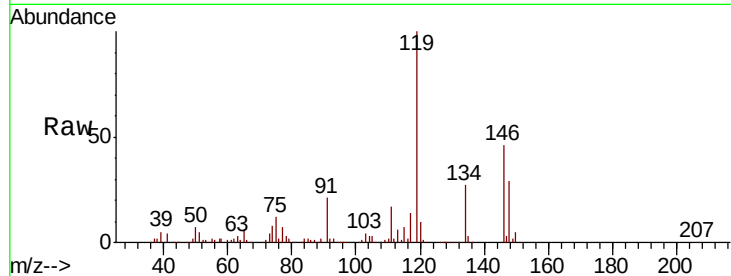
#87
 1,3-Dichlorobenzene
 Concen: 21.203 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013762.D
 Acq: 28 Oct 2019 13:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1028SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	140091		
111	37.3	18.6	56.0	
148	63.8	31.7	95.1	

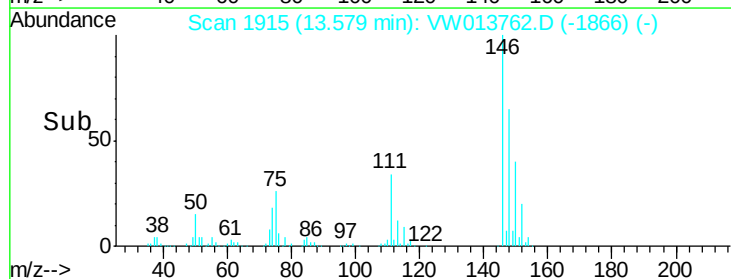
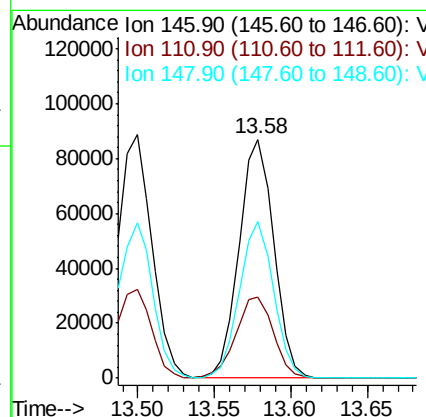
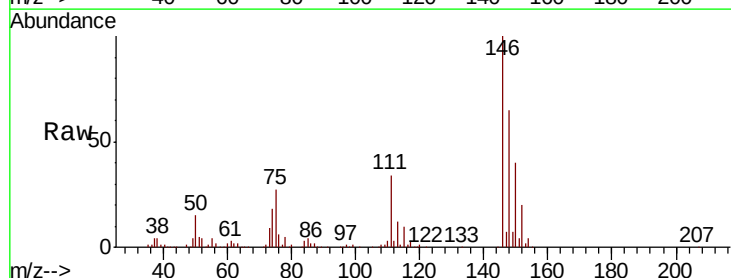
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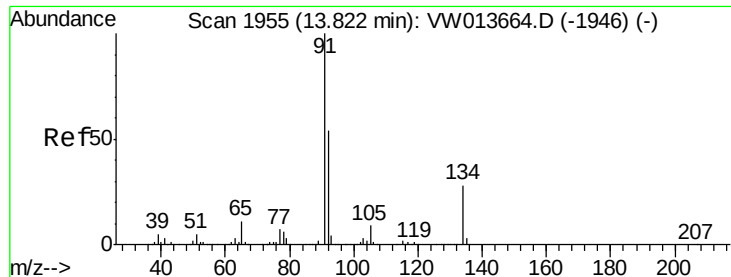
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#88
 1,4-Dichlorobenzene
 Concen: 20.940 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013762.D
 Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	137450		
111	36.6	18.1	54.3	
148	64.8	32.0	96.2	





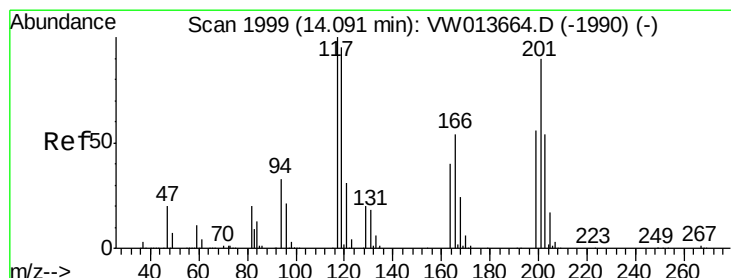
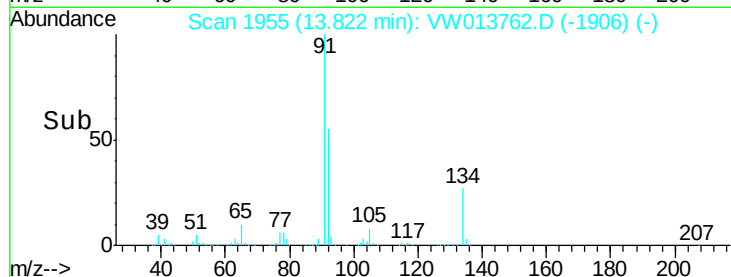
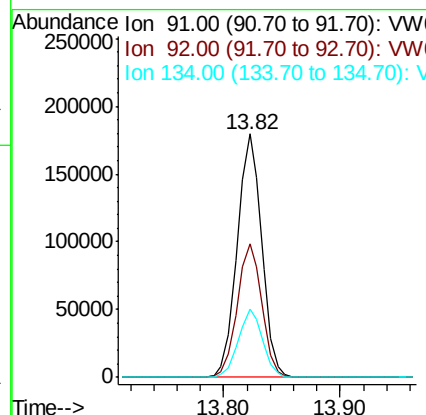
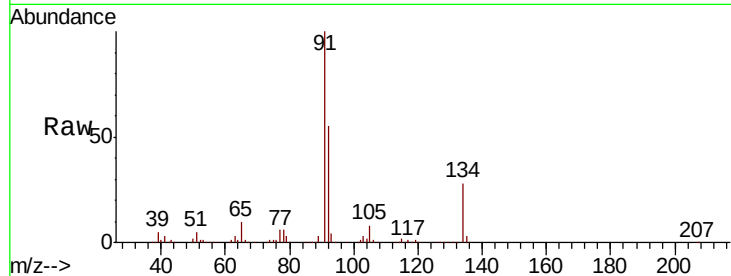
#89
n-Butylbenzene
Concen: 21.410 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	263306		
92	54.9		27.5	82.4
134	27.7		14.0	41.9

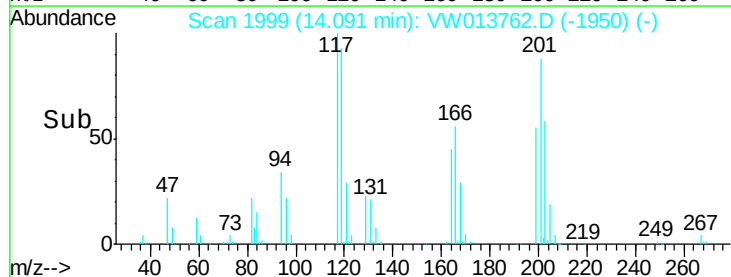
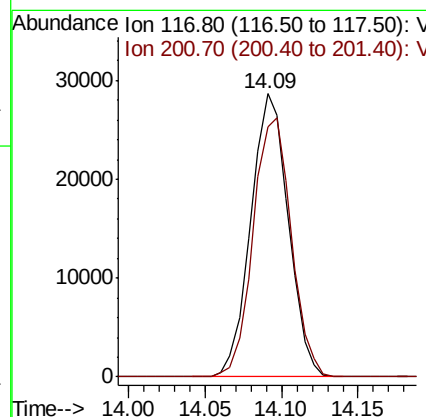
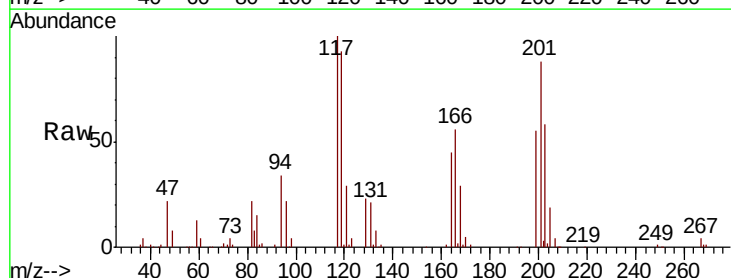
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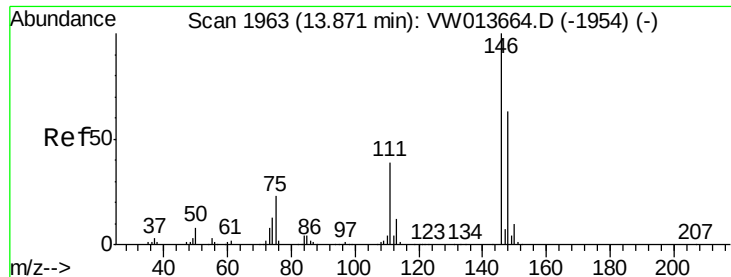
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#90
Hexachloroethane
Concen: 20.703 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	49031		
201	92.7		46.1	138.2





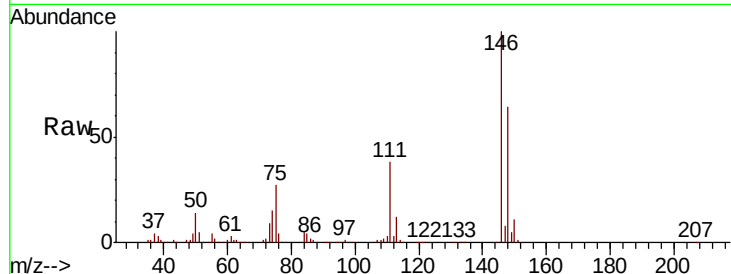
#91
 1,2-Dichlorobenzene
 Concen: 21.061 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW013762.D
 Acq: 28 Oct 2019 13:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1028SBS01

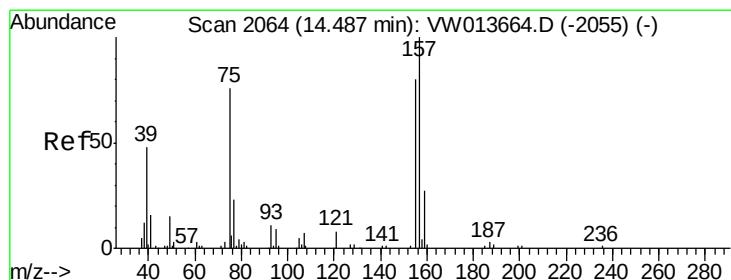
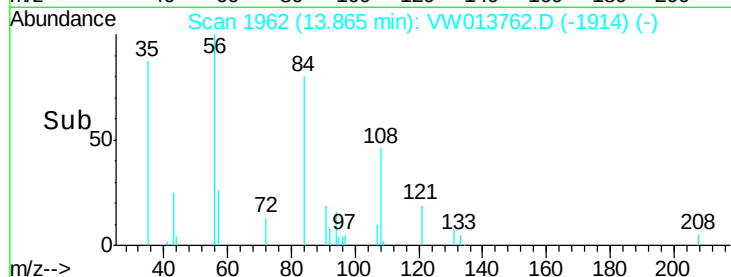
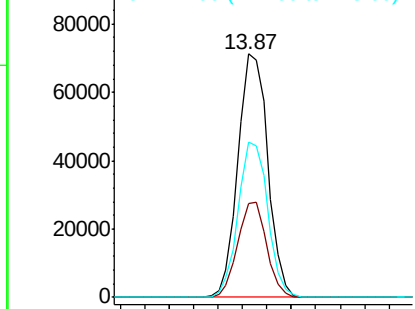
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.9	59.6
148	63.2	31.9	95.9

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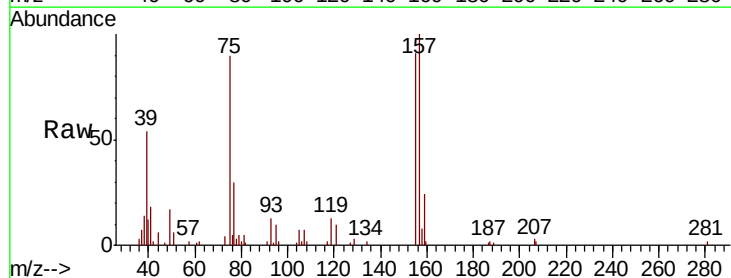


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

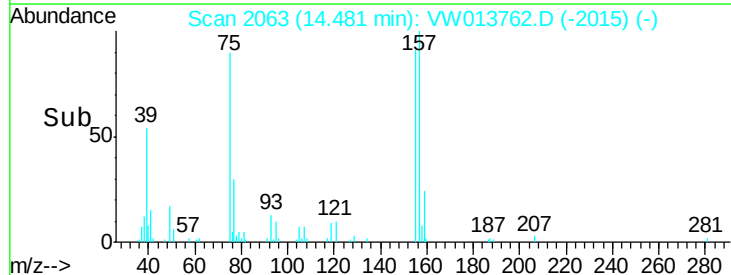
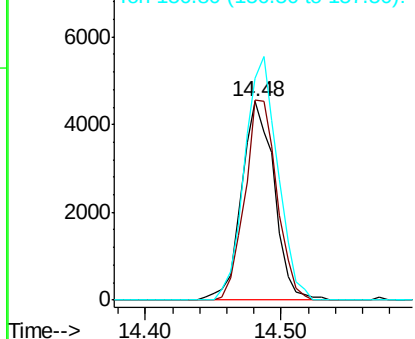


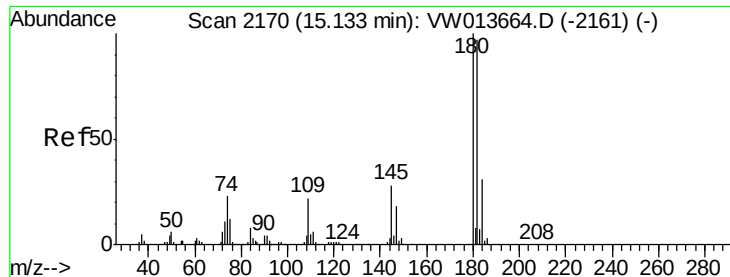
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.361 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW013762.D
 Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.8	51.9	155.7
157	124.0	64.8	194.3



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





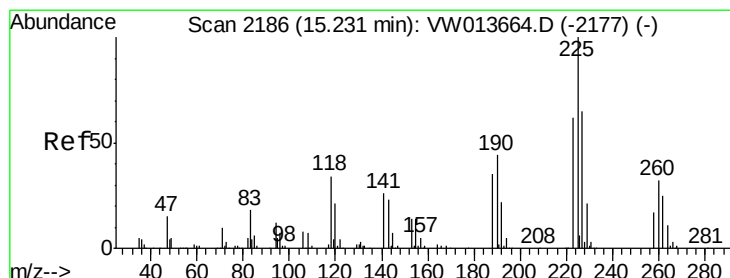
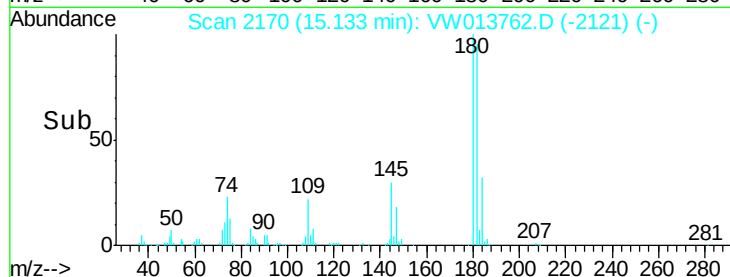
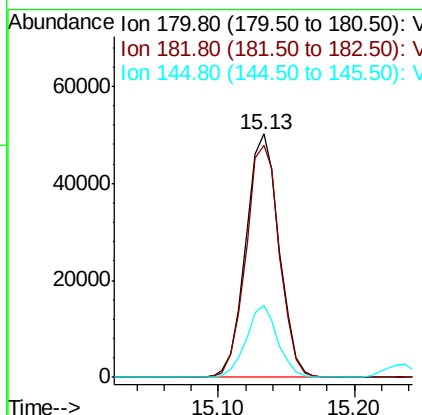
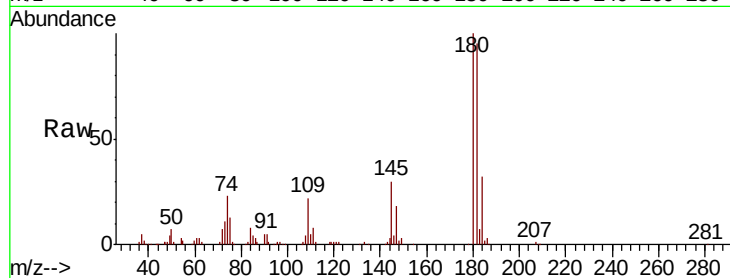
#93
 1,2,4-Trichlorobenzene
 Concen: 20.590 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013762.D
 Acq: 28 Oct 2019 13:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1028SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	85843		
182	95.8	47.4	142.2	
145	27.8	14.1	42.3	

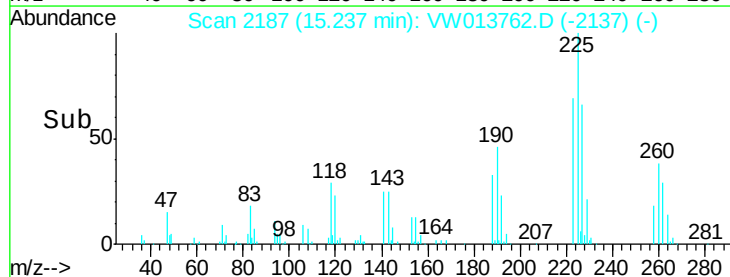
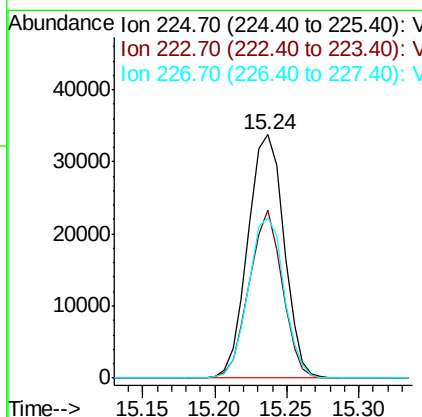
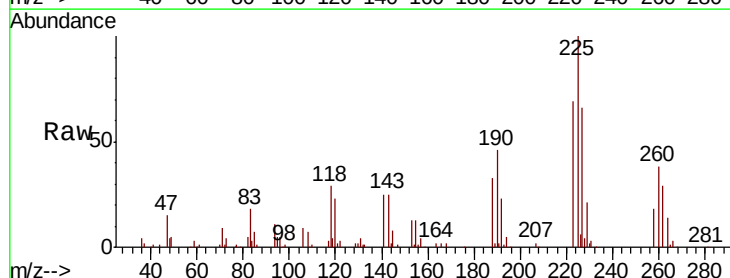
Manual Integrations
 APPROVED

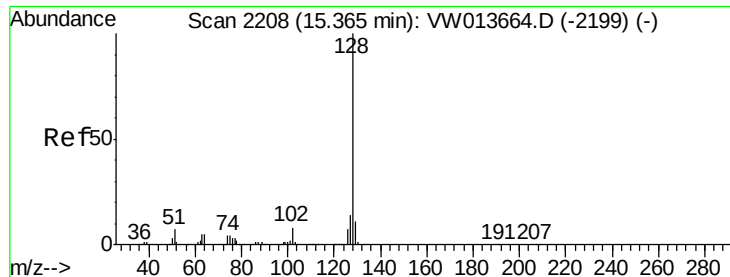
MMDadoda
 10/29/2019 2:05:09 PM



#94
 Hexachlorobutadiene
 Concen: 20.869 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW013762.D
 Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58737		
223	63.4	31.9	95.9	
227	65.0	32.5	97.4	





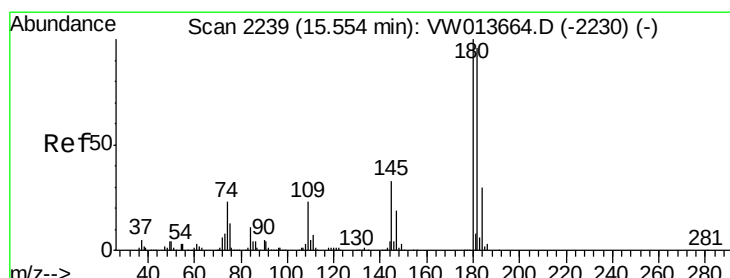
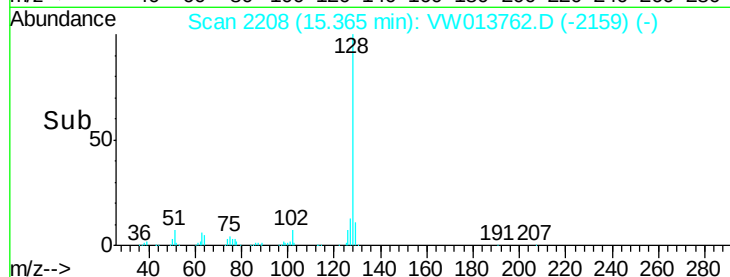
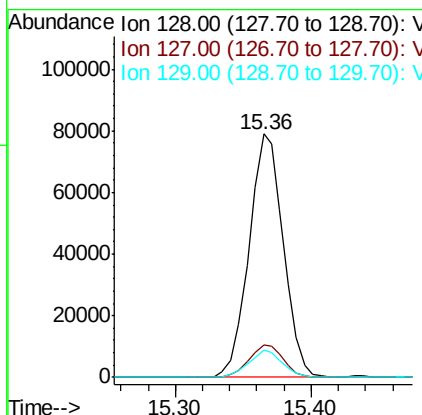
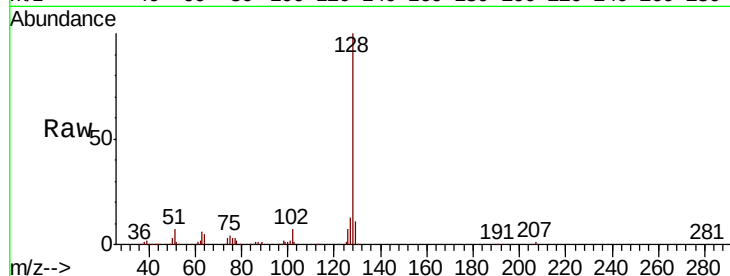
#95
Naphthalene
Concen: 21.306 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/29/2019 2:05:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.970 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013762.D
Acq: 28 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.4	142.3
145	29.8	14.9	44.9

