

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
 Data File : VW014744.D
 Acq On : 24 Jan 2020 15:14
 Operator : SY/VA
 Sample : VW0124SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 12:06:29 PM

Quant Time: Jan 25 06:17:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 13:12:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	670544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1034705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	881996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	422411	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	344208	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
35) Dibromofluoromethane	7.88	113	310685	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	10.32	98	1319685	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.62	95	437875	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	118858	28.628	ug/l	95
3) Chloromethane	2.21	50	154555	26.152	ug/l	99
4) Vinyl Chloride	2.36	62	189277	21.085	ug/l	99
5) Bromomethane	2.77	94	111042	22.203	ug/l	95
6) Chloroethane	2.92	64	104562	21.020	ug/l	97
7) Trichlorofluoromethane	3.25	101	110494	25.639	ug/l	98
8) Diethyl Ether	3.67	74	71198	20.958	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	148354	21.765	ug/l	99
10) Methyl Iodide	4.27	142	193283	20.490	ug/l	99
11) Tert butyl alcohol	5.15	59	51214	110.361	ug/l	98
12) 1,1-Dichloroethene	4.04	96	147408	21.316	ug/l	96
13) Acrolein	3.89	56	53795	104.043	ug/l	97
14) Allyl chloride	4.66	41	248979	21.921	ug/l	99
15) Acrylonitrile	5.35	53	173045	107.325	ug/l	100
16) Acetone	4.11	43	172447	106.246	ug/l	97
17) Carbon Disulfide	4.37	76	470054	21.319	ug/l	98
18) Methyl Acetate	4.66	43	78917	21.719	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	190422	22.001	ug/l	99
20) Methylene Chloride	4.91	84	164437	21.138	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	160868	21.938	ug/l	98
22) Diisopropyl ether	6.31	45	463350	22.213	ug/l	98
23) Vinyl Acetate	6.24	43	1359779	109.956	ug/l	100
24) 1,1-Dichloroethane	6.21	63	283664	21.656	ug/l	98
25) 2-Butanone	7.16	43	225863	105.727	ug/l	99
26) 2,2-Dichloropropane	7.16	77	162495	22.261	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	163472	21.780	ug/l	98
28) Bromochloromethane	7.51	49	91481	18.105	ug/l	97
29) Tetrahydrofuran	7.52	42	144178	106.692	ug/l	99
30) Chloroform	7.66	83	257028	21.250	ug/l	99
31) Cyclohexane	7.95	56	294497	21.911	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	214948	21.887	ug/l	100
36) 1,1-Dichloropropene	8.07	75	228097	21.739	ug/l	99
37) Ethyl Acetate	7.24	43	102255	21.926	ug/l	99
38) Carbon Tetrachloride	8.06	117	196089	21.458	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 13:12:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	279260	22.118	ug/l	99
40) Benzene	8.32	78	629259	21.476	ug/l	100
41) Methacrylonitrile	7.48	41	63943	25.058	ug/l	90
42) 1,2-Dichloroethane	8.40	62	167687	21.297	ug/l	99
43) Isopropyl Acetate	8.42	43	180838	21.419	ug/l	100
44) Trichloroethene	9.09	130	161230	21.564	ug/l	97
45) 1,2-Dichloropropane	9.37	63	157209	21.627	ug/l	99
46) Dibromomethane	9.45	93	72557	21.061	ug/l	98
47) Bromodichloromethane	9.64	83	184275	20.904	ug/l	99
48) Methyl methacrylate	9.43	41	89619	22.521	ug/l	91
49) 1,4-Dioxane	9.44	88	23539	377.241	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	467135	106.263	ug/l	100
52) Toluene	10.38	92	390167	21.811	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	184164	20.983	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	226853	21.100	ug/l	100
55) 1,1,2-Trichloroethane	10.78	97	102467	20.781	ug/l	96
56) Ethyl methacrylate	10.64	69	133344	20.984	ug/l	99
57) 1,3-Dichloropropane	10.93	76	189288	21.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	193748	94.829	ug/l	99
59) 2-Hexanone	10.96	43	318952	107.670	ug/l	99
60) Dibromochloromethane	11.12	129	115187	20.903	ug/l	96
61) 1,2-Dibromoethane	11.23	107	96630	20.948	ug/l	98
64) Tetrachloroethene	10.86	164	130785	21.412	ug/l	97
65) Chlorobenzene	11.65	112	384621	21.553	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	129385	21.408	ug/l	99
67) Ethyl Benzene	11.73	91	720926	22.175	ug/l	98
68) m/p-Xylenes	11.83	106	545862	44.416	ug/l	100
69) o-Xylene	12.16	106	244187	22.016	ug/l	99
70) Styrene	12.18	104	418008	21.925	ug/l	100
71) Bromoform	12.35	173	64566	20.852	ug/l	98
73) Isopropylbenzene	12.46	105	686225	22.894	ug/l	98
74) N-amyl acetate	12.27	43	157568	22.072	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	120324	21.993	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	92336m	22.017	ug/l	
77) Bromobenzene	12.74	156	150194	21.792	ug/l	95
78) n-propylbenzene	12.80	91	834515	22.855	ug/l	100
79) 2-Chlorotoluene	12.89	91	462447	22.367	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	576334	22.604	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	37499	21.161	ug/l	94
82) 4-Chlorotoluene	12.99	91	483699	22.373	ug/l	100
83) tert-Butylbenzene	13.21	119	501311	22.724	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	574298	22.539	ug/l	99
85) sec-Butylbenzene	13.38	105	706305	22.737	ug/l	100
86) p-Isopropyltoluene	13.49	119	637501	22.654	ug/l	100
87) 1,3-Dichlorobenzene	13.49	146	300353	21.959	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	296586	21.999	ug/l	99
89) n-Butylbenzene	13.82	91	608722	22.678	ug/l	99
90) Hexachloroethane	14.09	117	107652	21.560	ug/l	98
91) 1,2-Dichlorobenzene	13.86	146	266679	22.229	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19149	21.601	ug/l	94

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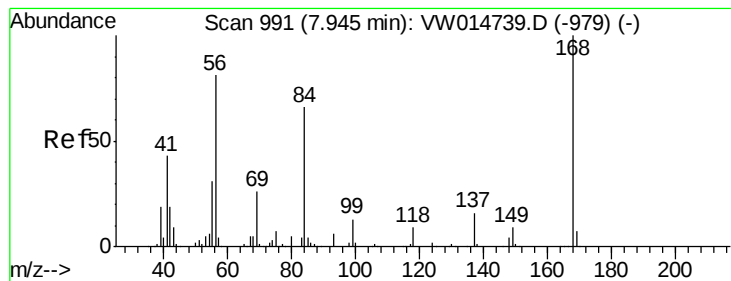
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 24 13:12:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	169174	22.182	ug/l	97
94) Hexachlorobutadiene	15.24	225	116972	22.481	ug/l	98
95) Naphthalene	15.36	128	273091	19.894	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	145572	22.297	ug/l	98

(#) = 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: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

Tot Ion:168 Resp: 670544

Ion Ratio Lower Upper

168 100

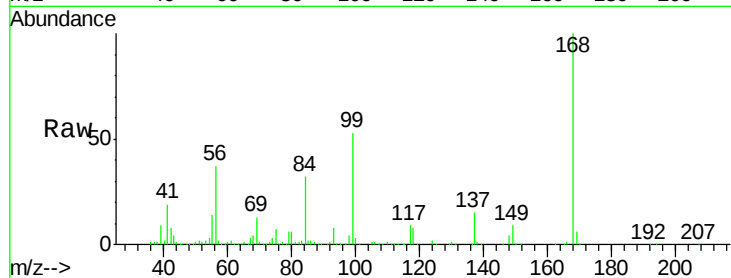
99 52.9 42.6 64.0

Manual Integrations

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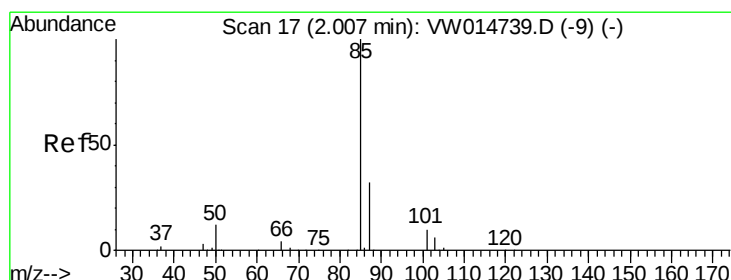
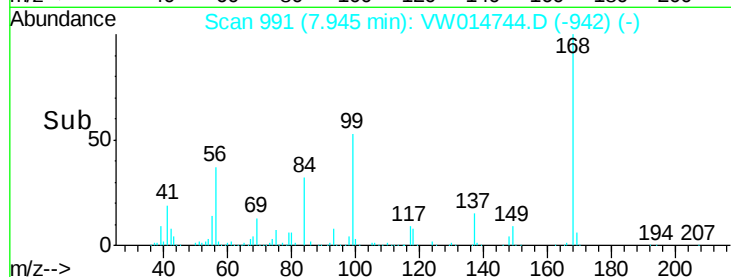
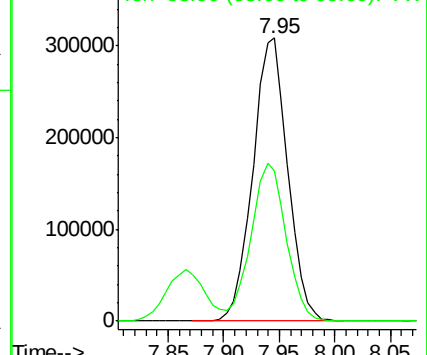
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 28.628 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014744.D

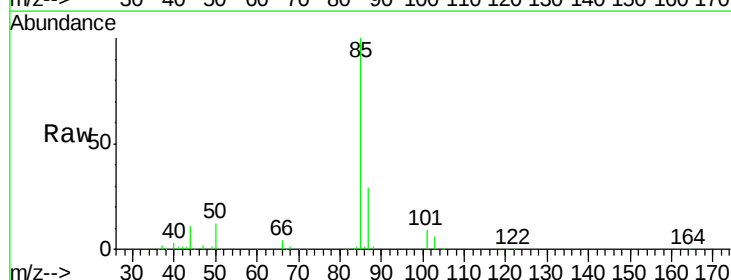
Acq: 24 Jan 2020 15:14

Tgt Ion: 85 Resp: 118858

Ion Ratio Lower Upper

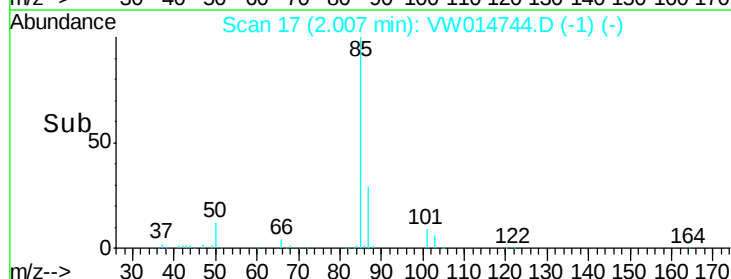
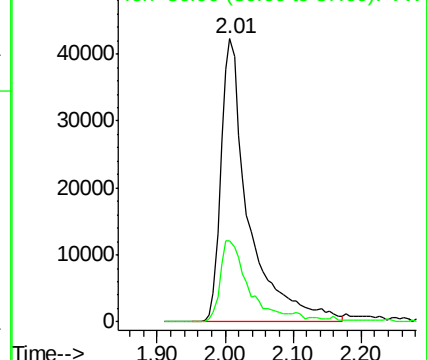
85 100

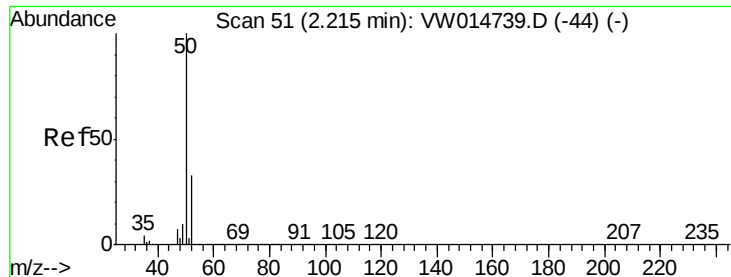
87 28.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 26.152 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampled :

VW0124SBS01

Tot Ion: 50 Resp: 154555

Ion Ratio Lower Upper

50 100

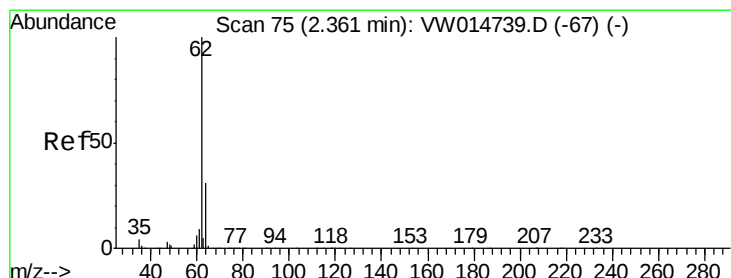
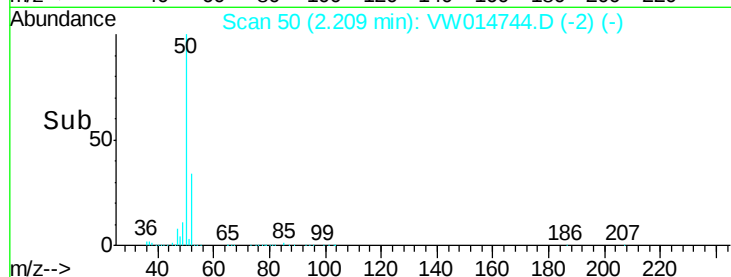
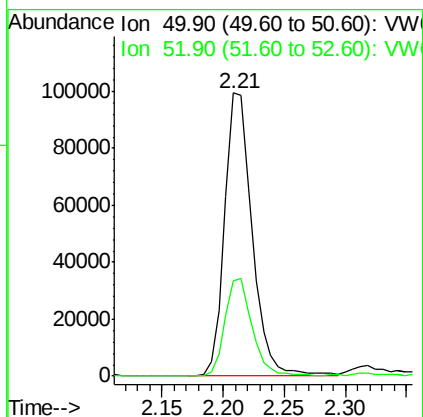
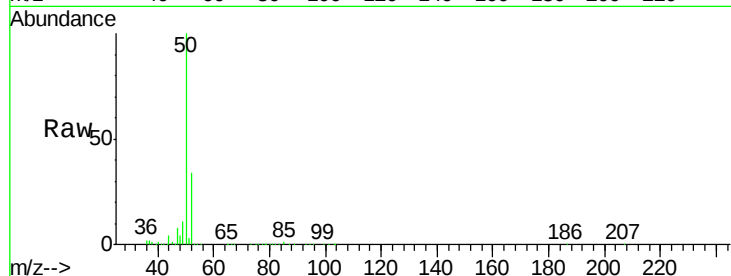
52 33.9 26.7 40.1

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#4

Vinyl Chloride

Concen: 21.085 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014744.D

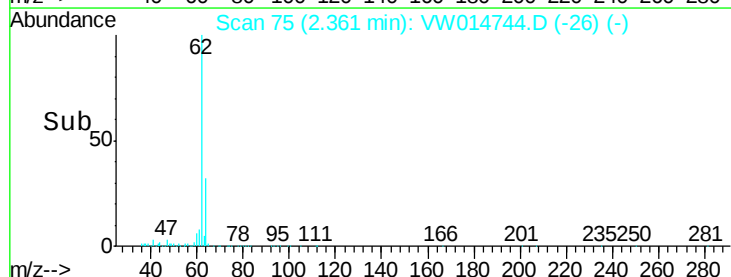
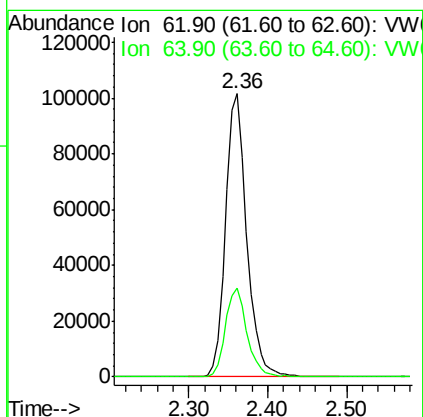
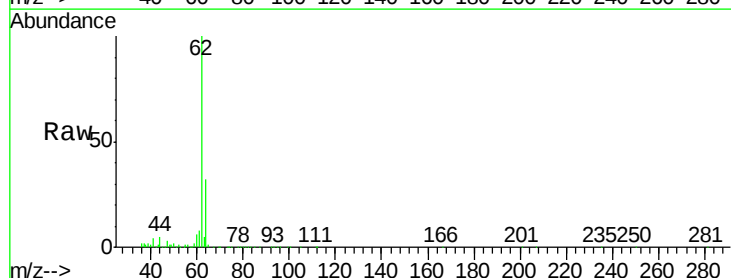
Acq: 24 Jan 2020 15:14

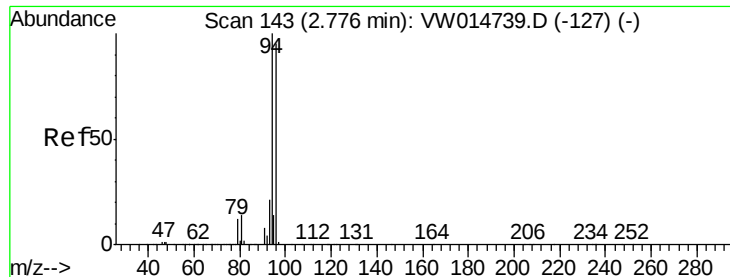
Tgt Ion: 62 Resp: 189277

Ion Ratio Lower Upper

62 100

64 31.5 24.7 37.1





#5

Bromomethane

Concen: 22.203 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

Tot Ion: 94 Resp: 111042

Ion Ratio Lower Upper

94 100

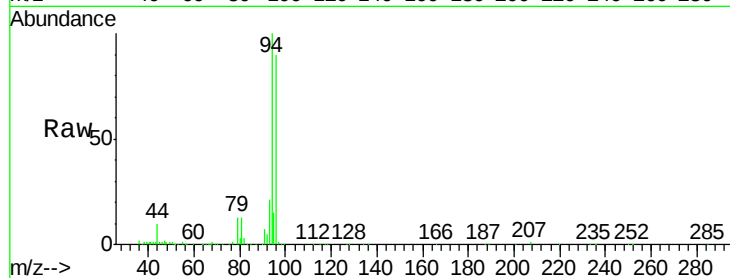
96 90.1 76.2 114.4

Manual Integrations

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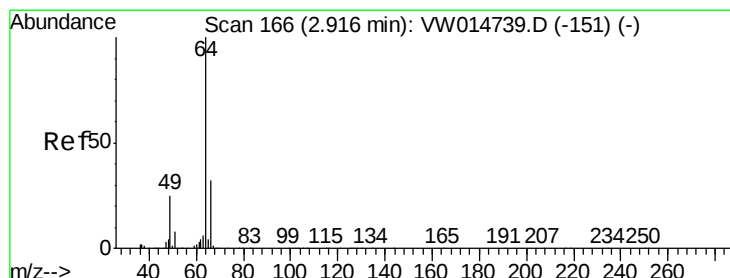
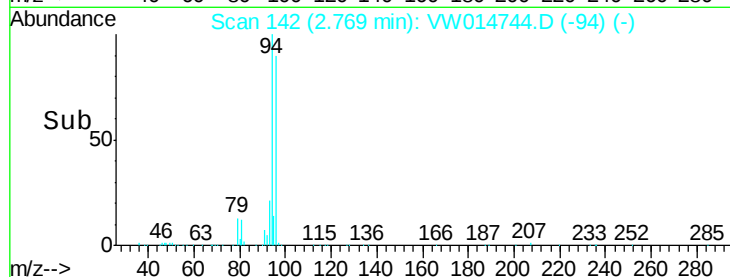
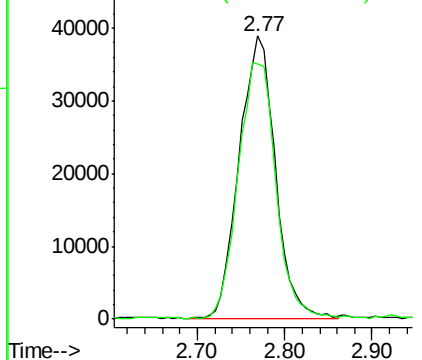
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.020 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014744.D

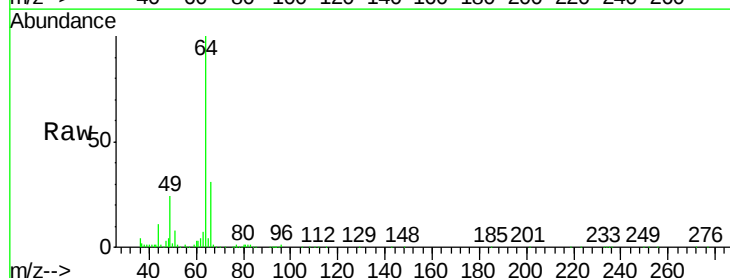
Acq: 24 Jan 2020 15:14

Tgt Ion: 64 Resp: 104562

Ion Ratio Lower Upper

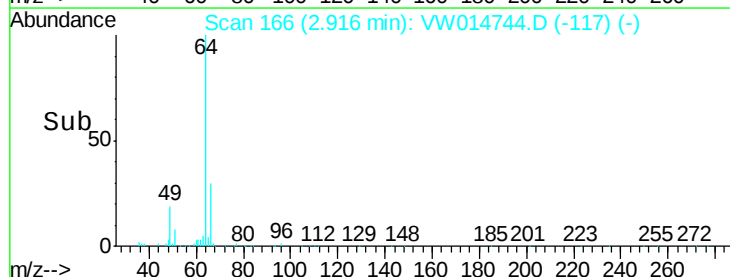
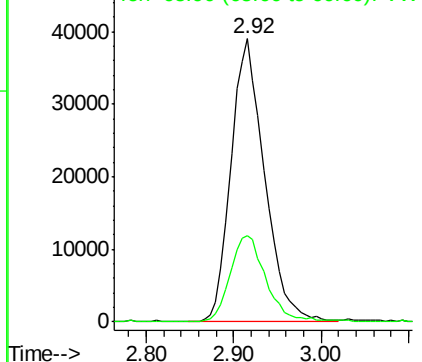
64 100

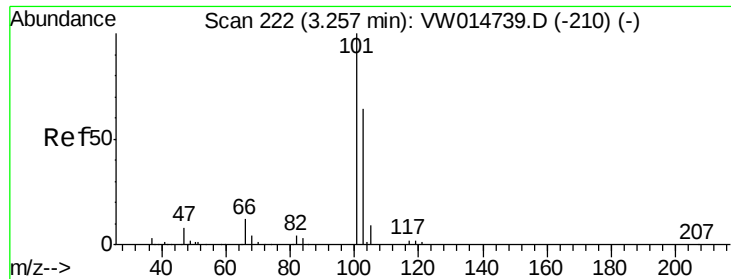
66 30.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

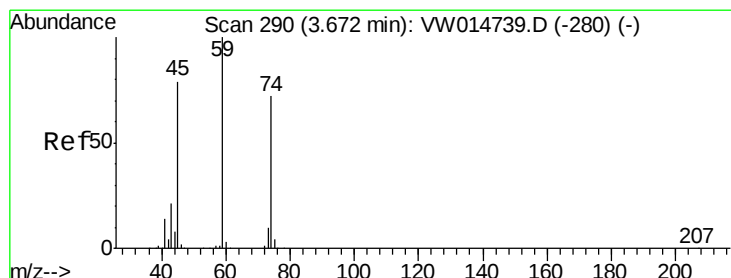
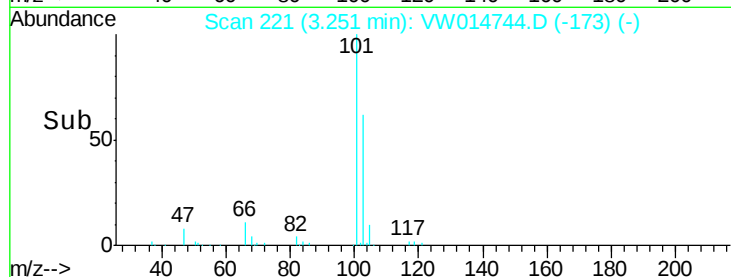
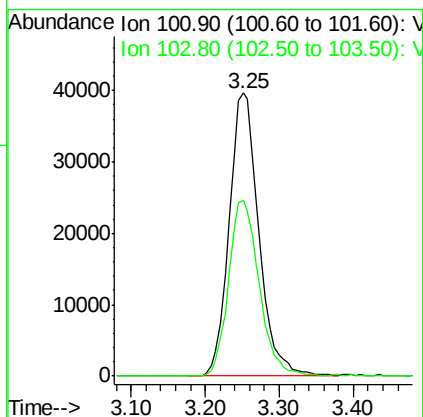
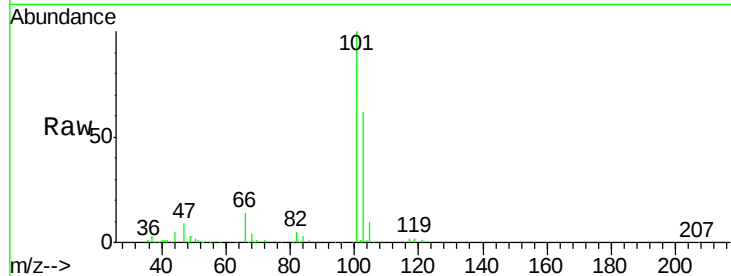
Trichlorofluoromethane
Concen: 25.639 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	110494		
103	62.0	50.8	76.2	

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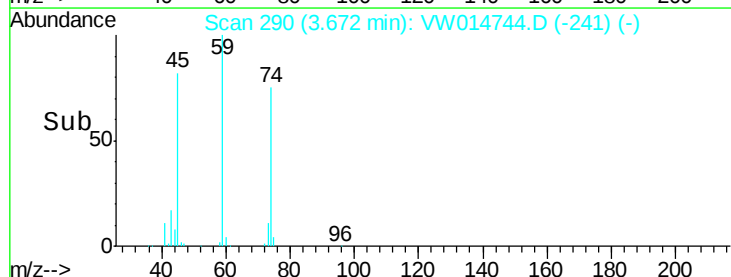
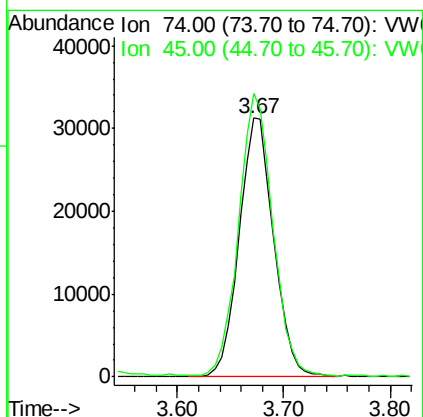
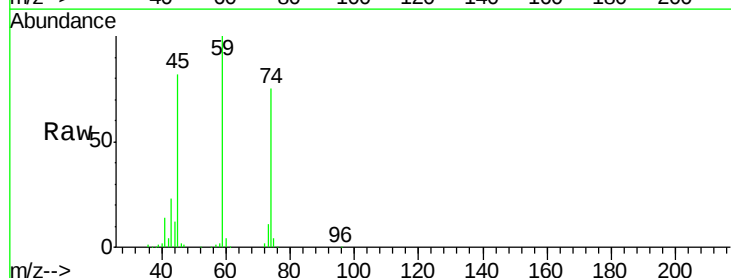
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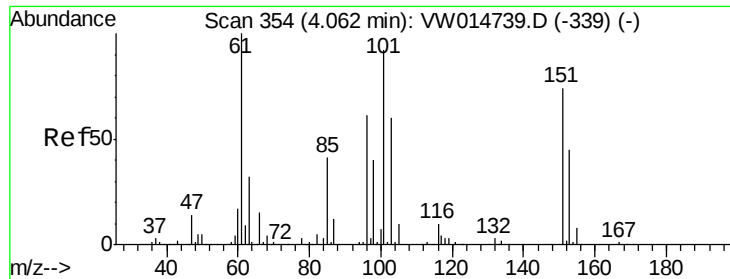


#8

Diethyl Ether
Concen: 20.958 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	71198		
45	107.9	52.7	158.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.765 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014744.D

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MSVOA_W

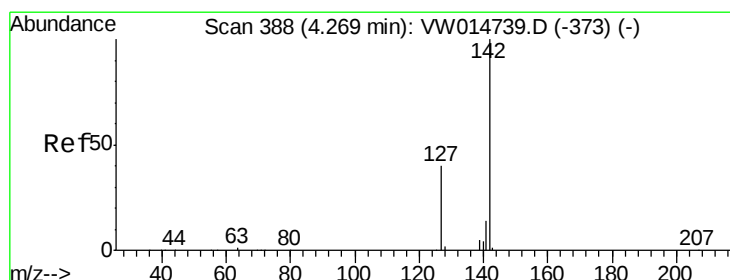
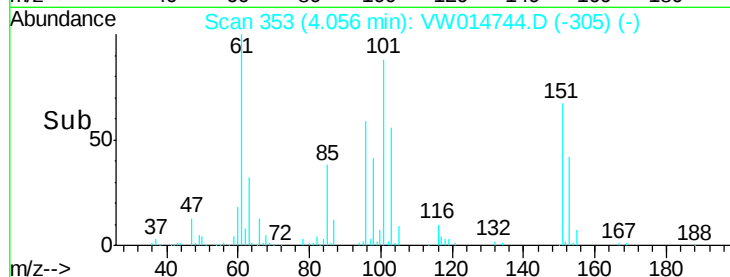
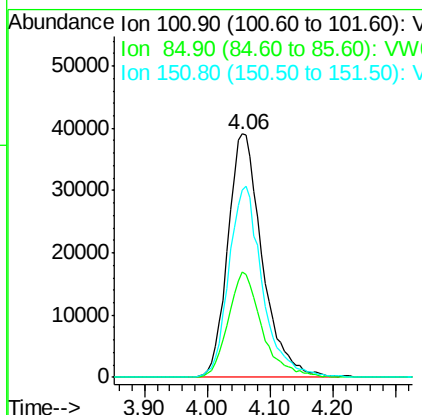
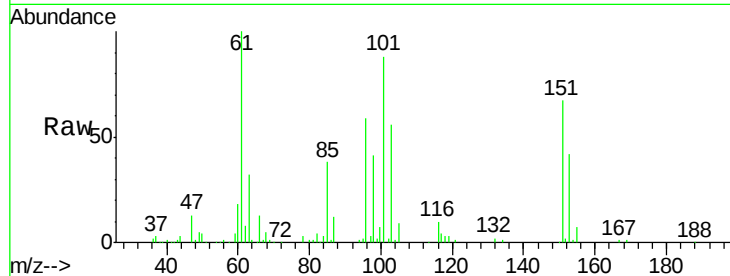
ClientSampleId :

VW0124SBS01

Tot Ion:	101	Resp:	148354
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.4	51.6
151	76.4	61.5	92.3

Manual Integrations
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#10

Methyl Iodide

Concen: 20.490 ug/l

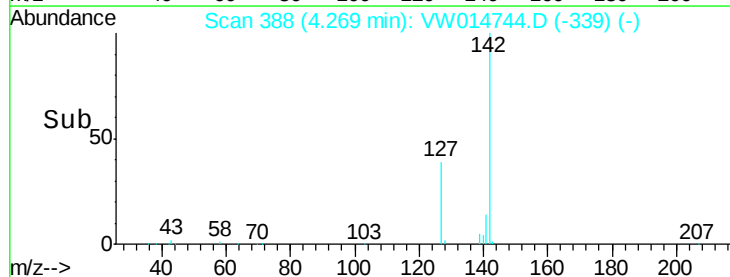
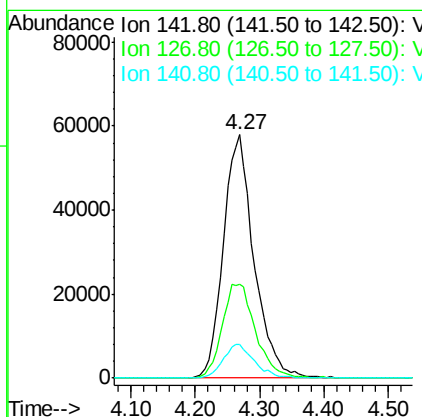
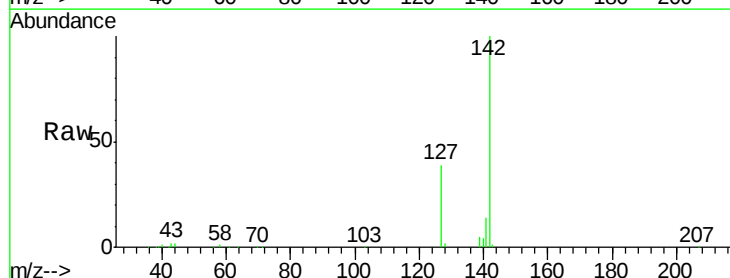
RT: 4.27 min Scan# 388

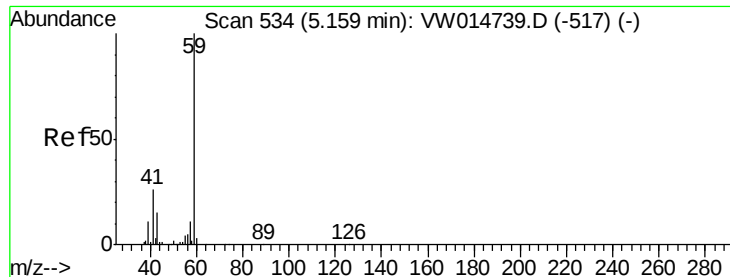
Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Tgt Ion:	142	Resp:	193283
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.2	49.8
141	14.0	11.8	17.6





#11

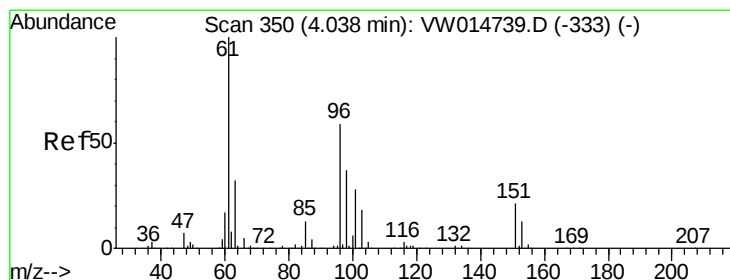
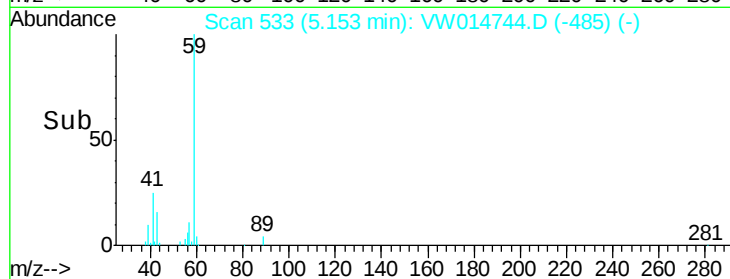
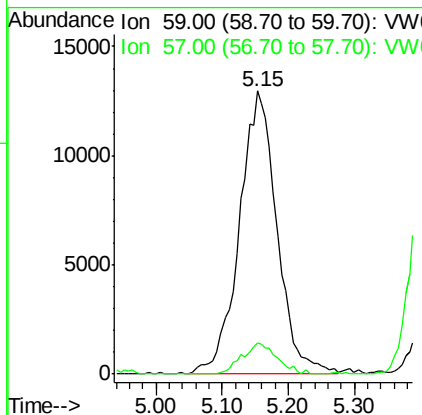
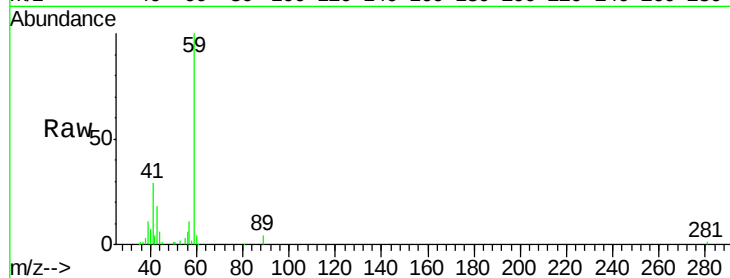
Tert butyl alcohol
 Concen: 110.361 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampled :
 VW0124SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.6	12.8

Manual Integrations
 APPROVED

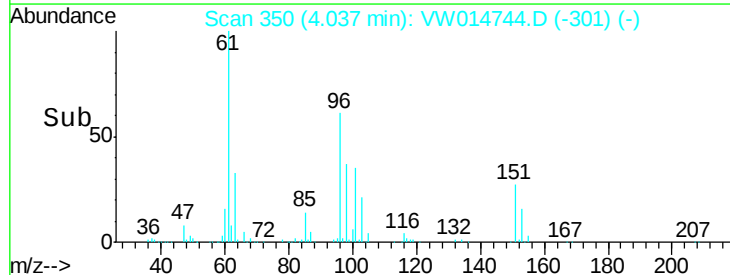
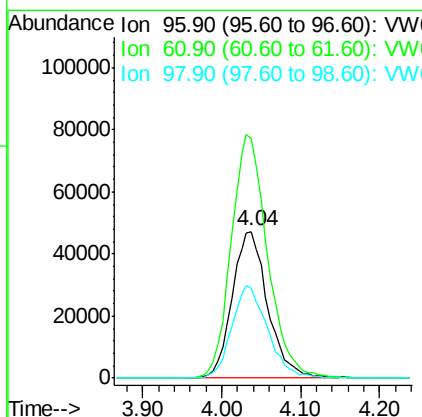
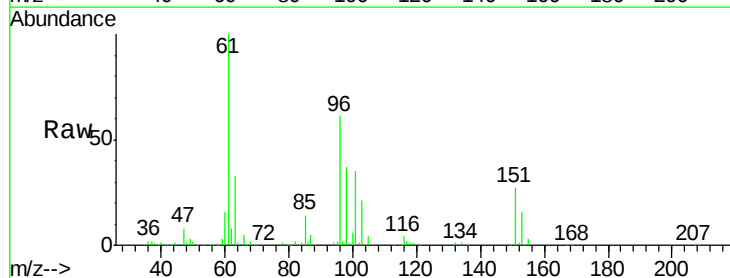
MMDadoda
 1/27/2020 12:06:29 PM

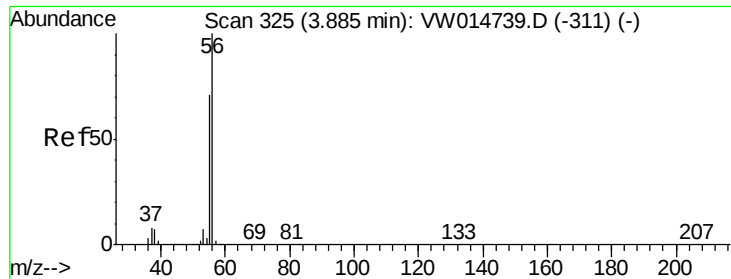


#12

1,1-Dichloroethene
 Concen: 21.316 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.9	136.3	204.5
98	61.1	51.0	76.6





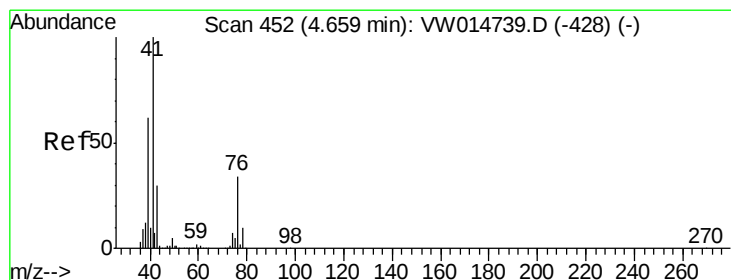
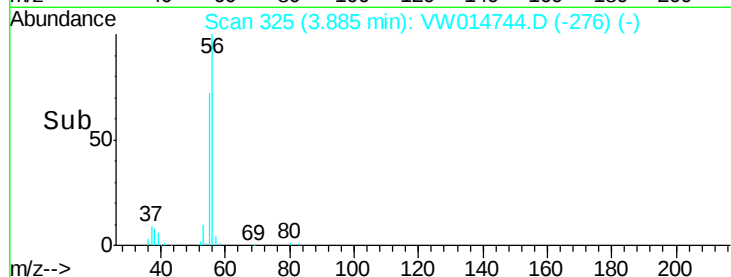
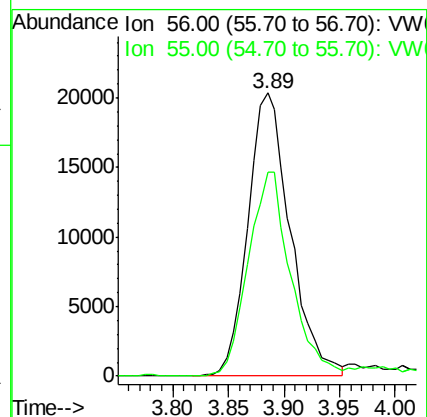
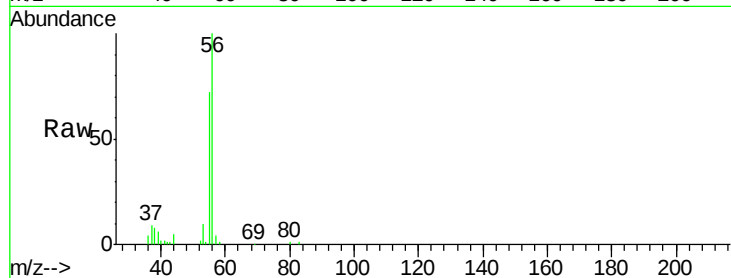
#13
Acrolein
Concen: 104.043 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.4	55.7	83.5

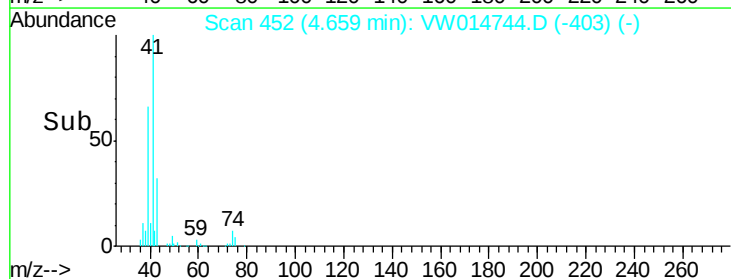
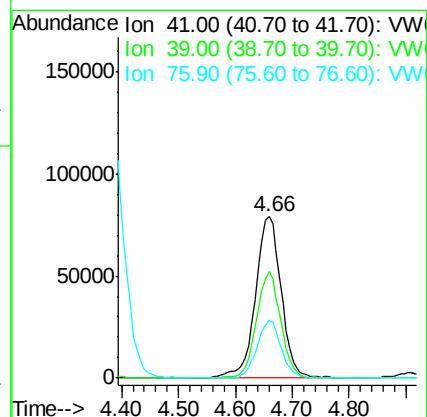
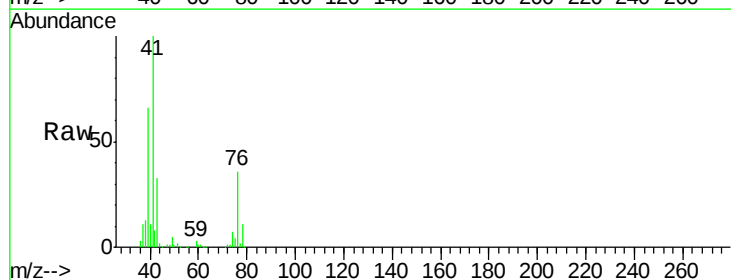
Manual Integrations
APPROVED

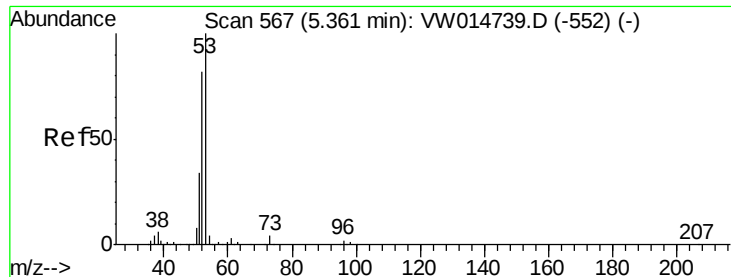
MMDadoda
1/27/2020 12:06:29 PM



#14
Allyl chloride
Concen: 21.921 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.9	50.0	75.0
76	33.2	26.7	40.1





#15

Acrylonitrile

Concen: 107.325 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

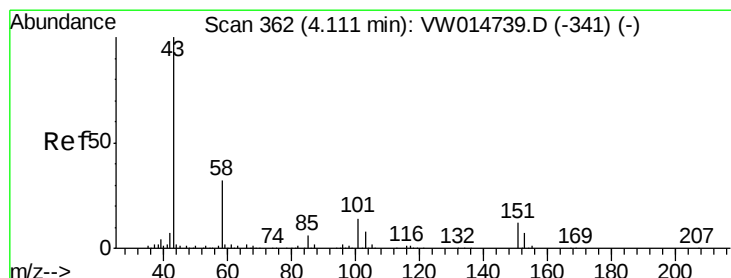
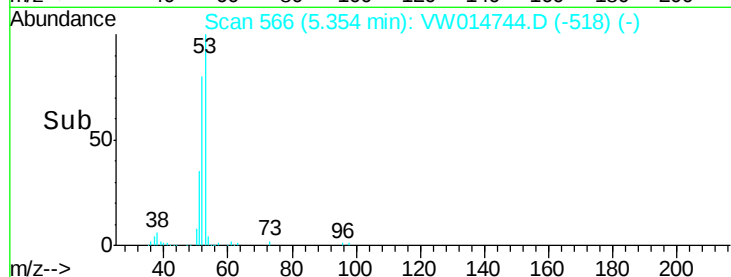
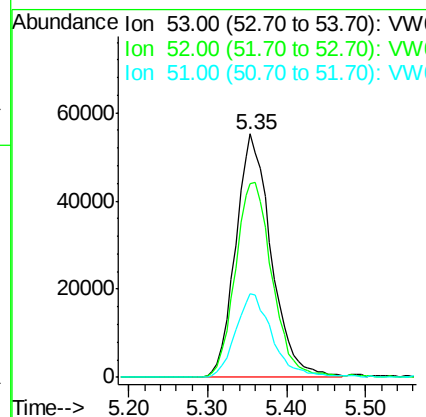
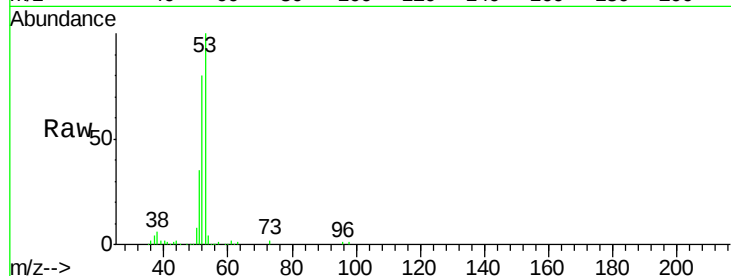
ClientSampleId :

VW0124SBS01

Tot Ion:	53	Resp:	173045
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.0	99.0
51	35.3	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 106.246 ug/l

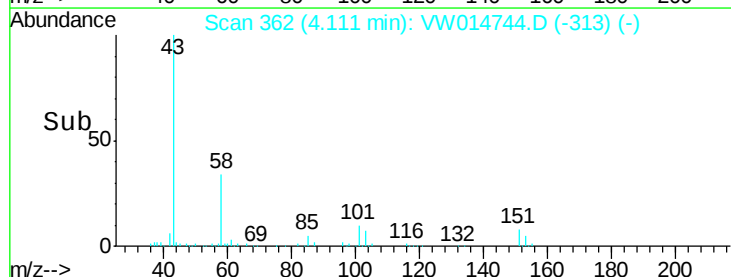
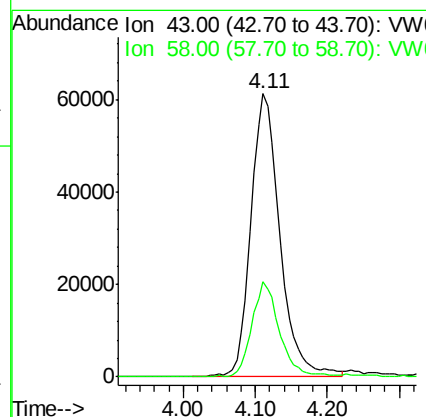
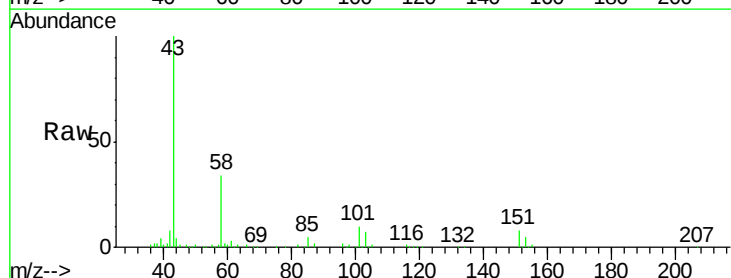
RT: 4.11 min Scan# 362

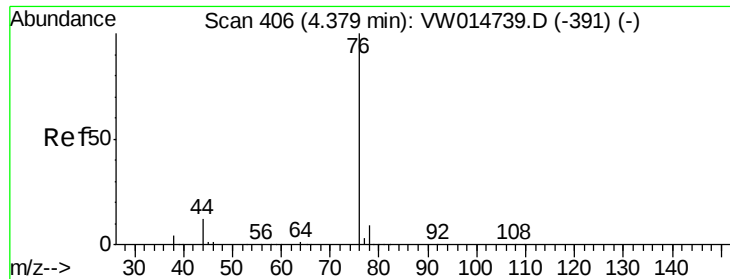
Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Tgt Ion:	43	Resp:	172447
Ion Ratio	Lower	Upper	
43	100		
58	33.4	25.6	38.4





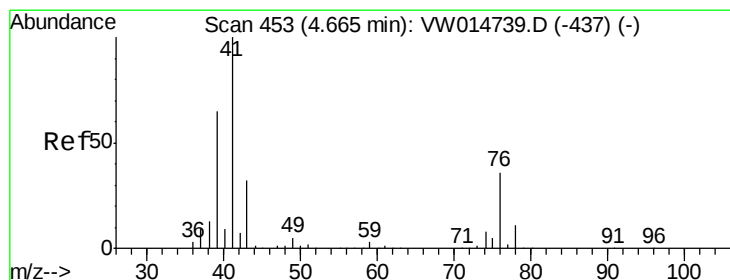
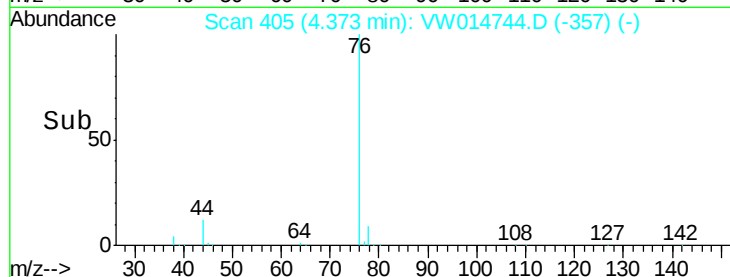
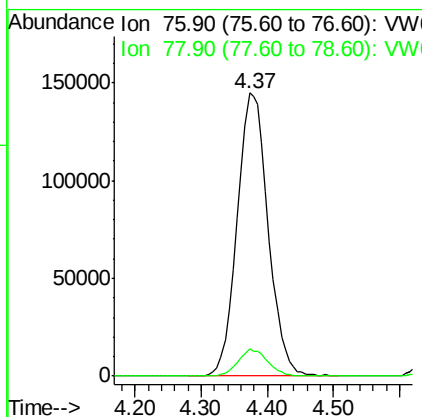
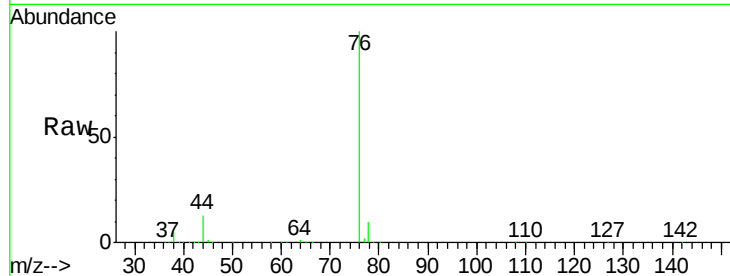
#17
Carbon Disulfide
Concen: 21.319 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.2	10.8

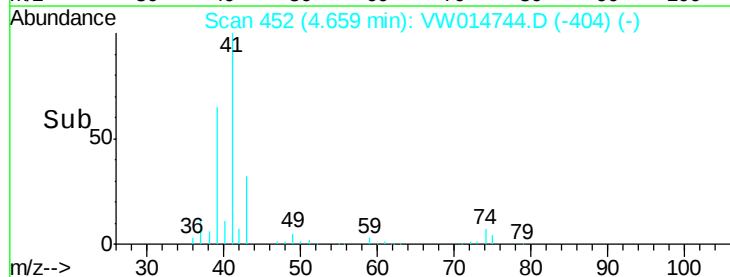
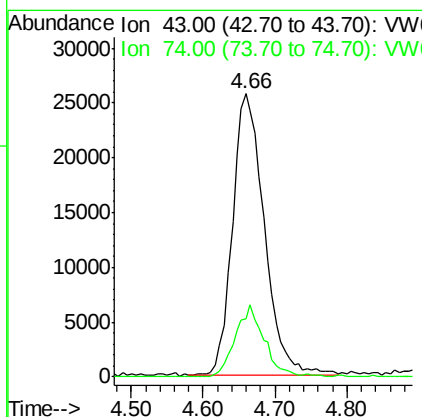
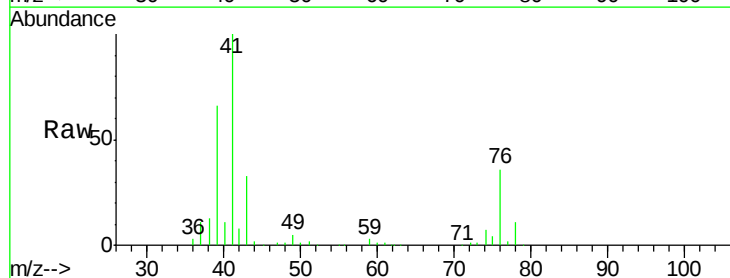
Manual Integrations
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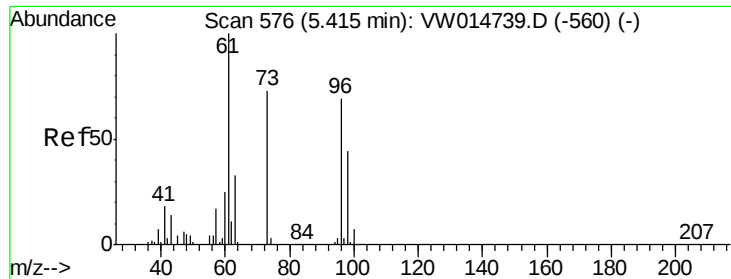
MMDadoda
1/27/2020 12:06:29 PM



#18
Methyl Acetate
Concen: 21.719 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.4	27.6





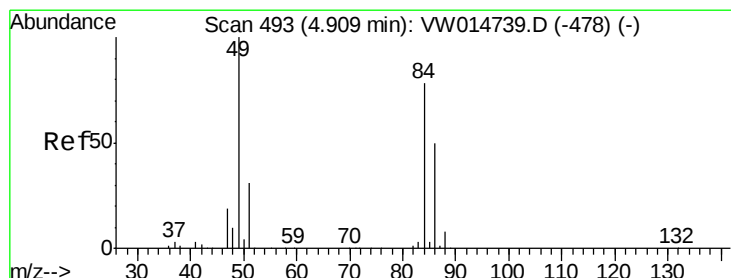
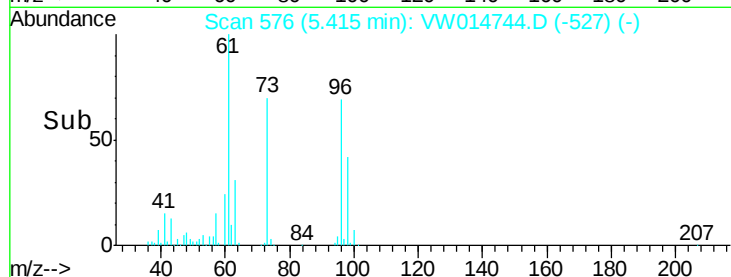
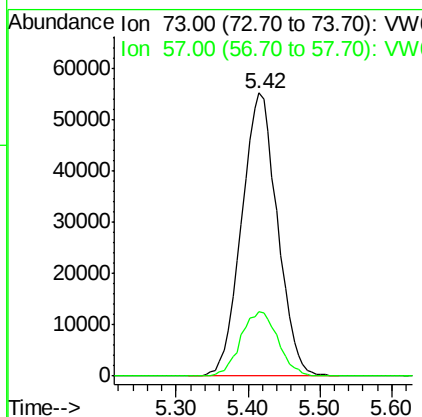
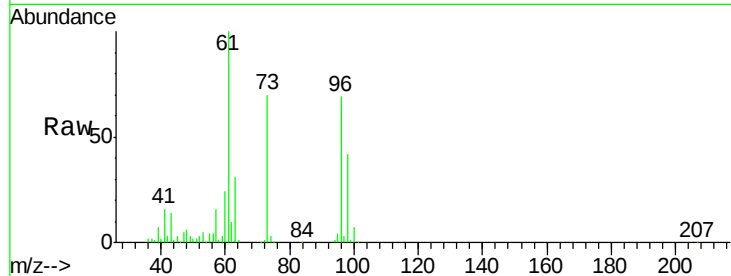
#19
Methvl tert-butvl Ether
Concen: 22.001 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion: 73 Resp: 190422
Ion Ratio Lower Upper
73 100
57 22.6 18.5 27.7

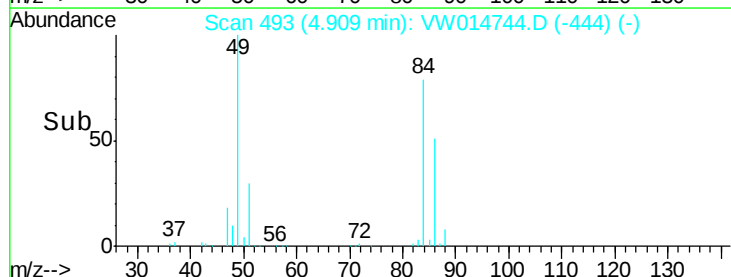
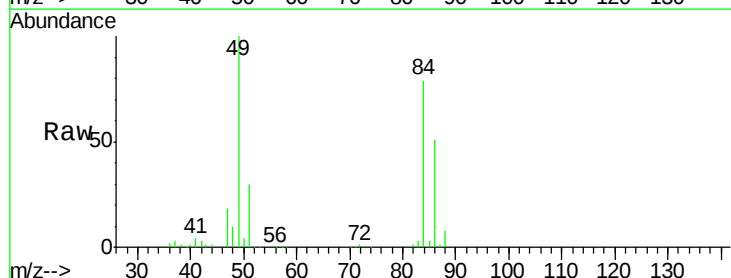
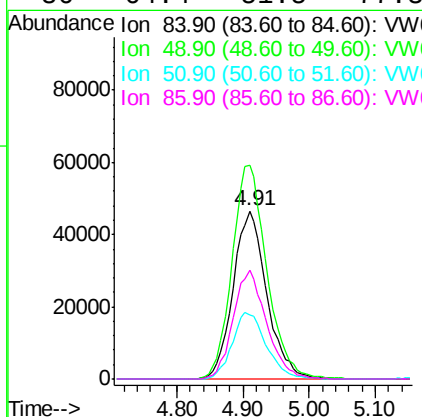
Manual Integrations
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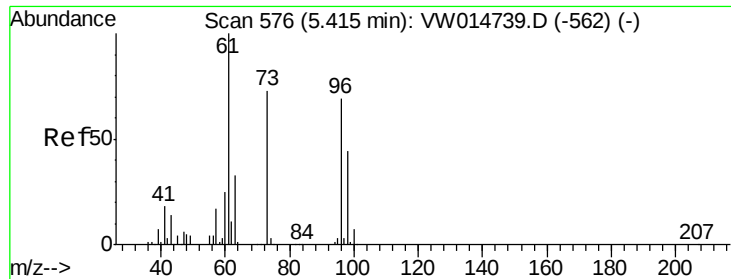
MMDadoda
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#20
Methylene Chloride
Concen: 21.138 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion: 84 Resp: 164437
Ion Ratio Lower Upper
84 100
49 126.9 103.1 154.7
51 38.3 32.1 48.1
86 64.4 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 21.938 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampled :

VW0124SBS01

Tot Ion: 96 Resp: 160868

Ion Ratio Lower Upper

96 100

61 145.5 116.1 174.1

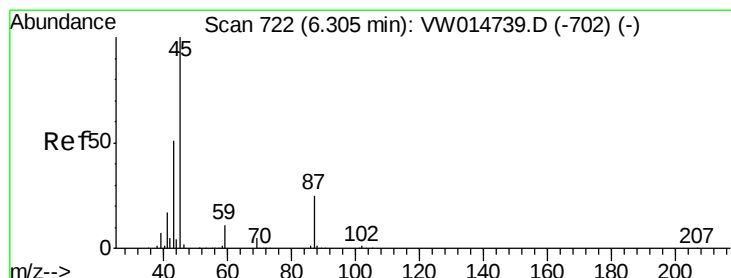
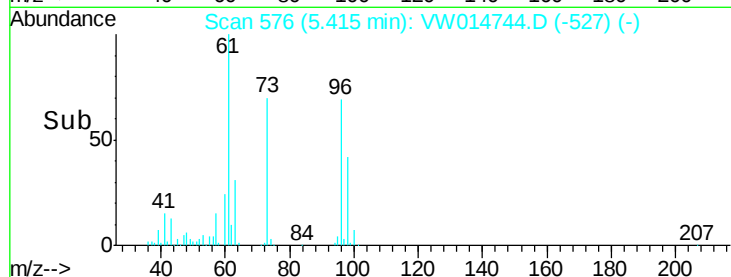
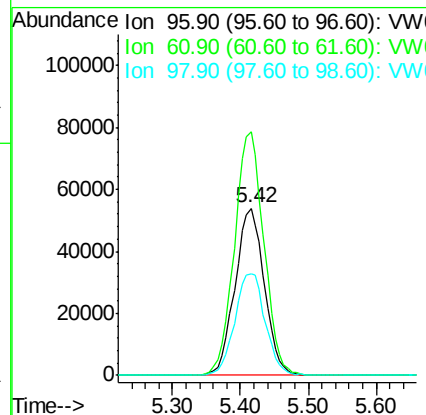
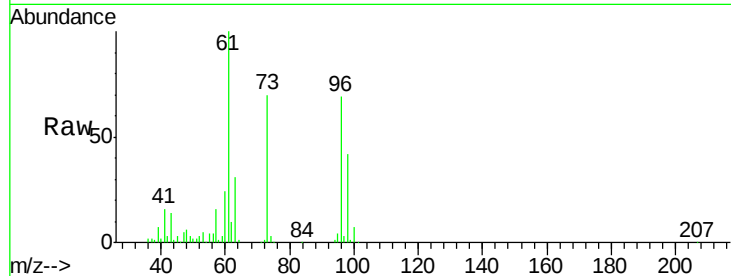
98 60.6 51.6 77.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 22.213 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Tgt Ion: 45 Resp: 463350

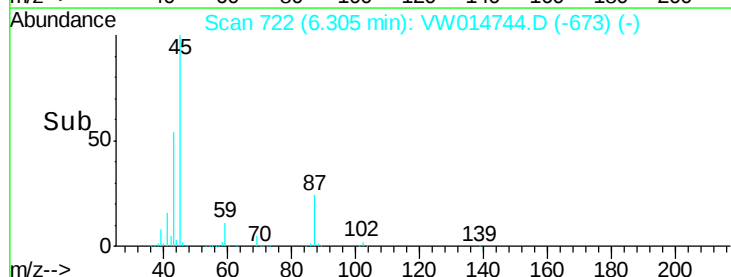
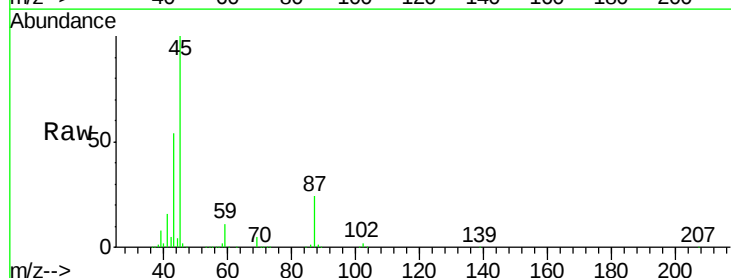
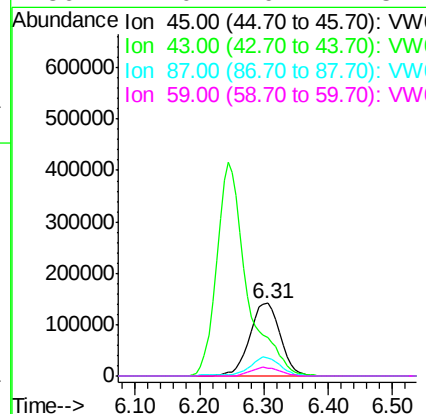
Ion Ratio Lower Upper

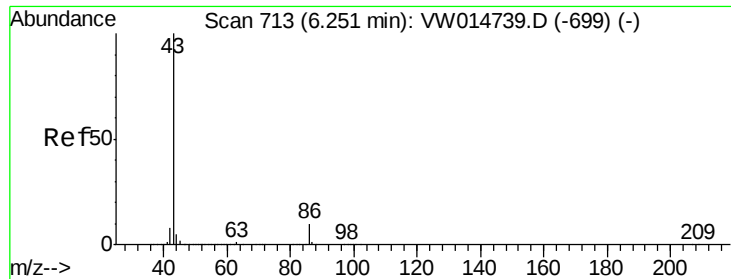
45 100

43 52.8 40.9 61.3

87 23.9 20.3 30.5

59 11.0 9.1 13.7





#23

Vinyl Acetate

Concen: 109.956 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampled :

VW0124SBS01

Tot Ion: 43 Resp: 1359779

Ion Ratio Lower Upper

43 100

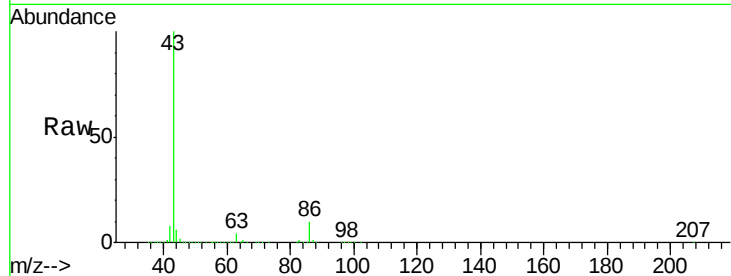
86 10.0 7.9 11.9

Manual Integrations

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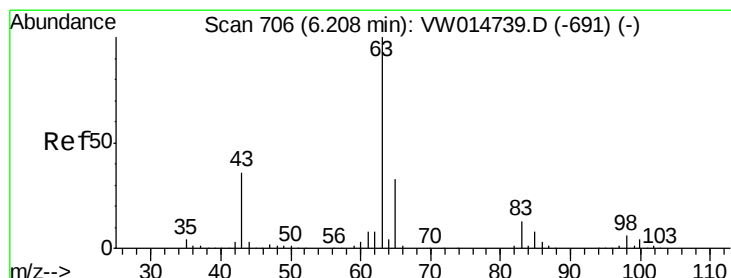
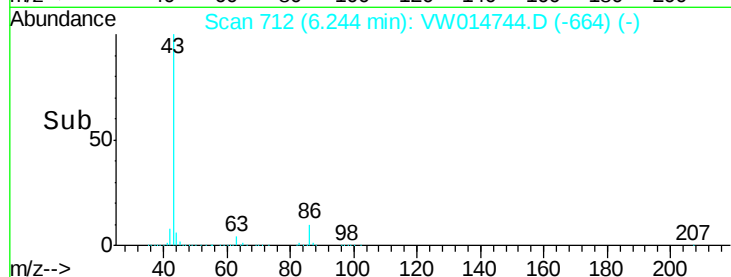
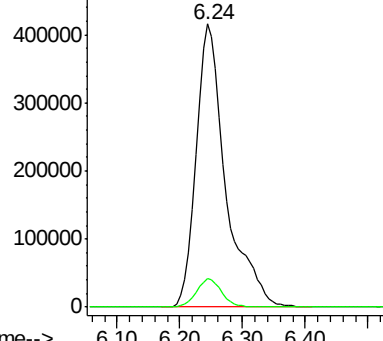
MMDadoda

1/27/2020 12:06:29 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.656 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

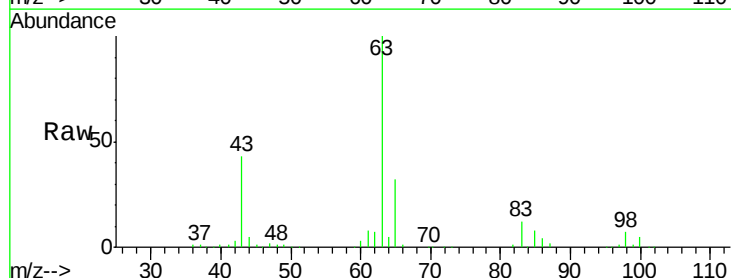
Tgt Ion: 63 Resp: 283664

Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.8

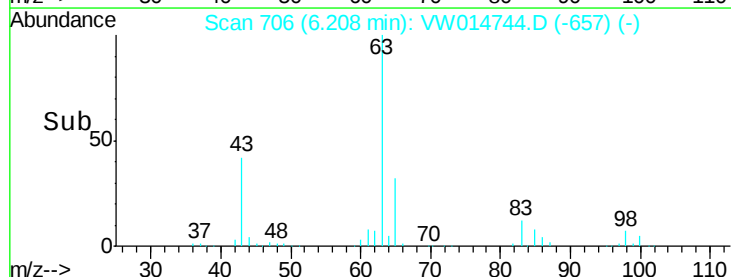
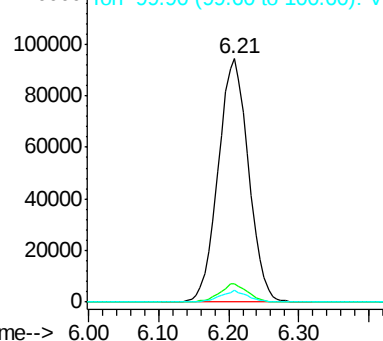
100 4.8 2.1 6.5

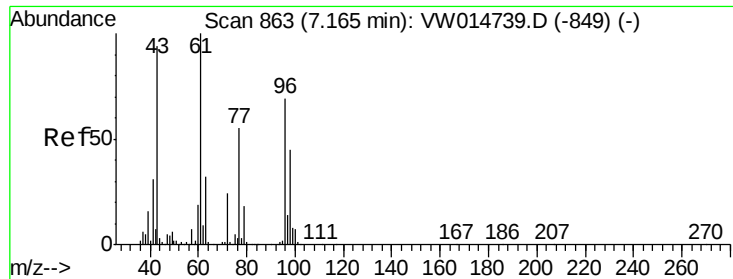


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





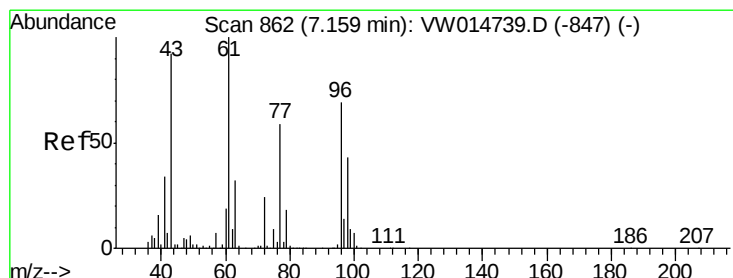
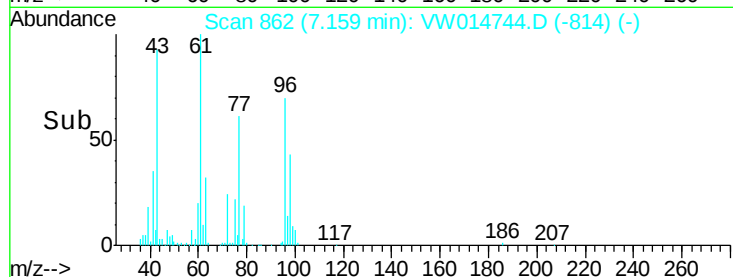
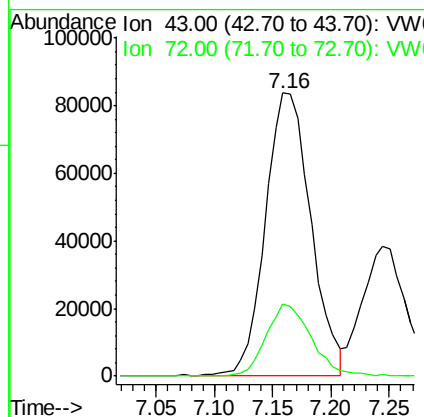
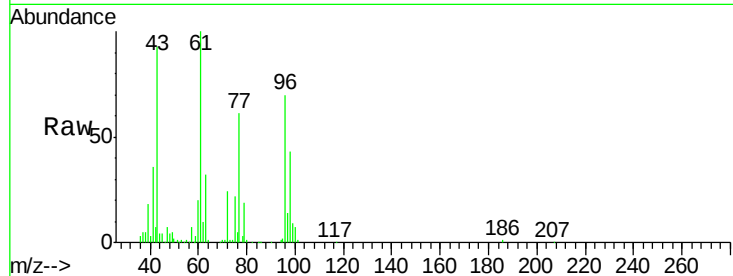
#25
2-Butanone
Concen: 105.727 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampled :
VW0124SBS01

Tot Ion: 43 Resp: 225863
Ion Ratio Lower Upper
43 100
72 25.7 20.2 30.4

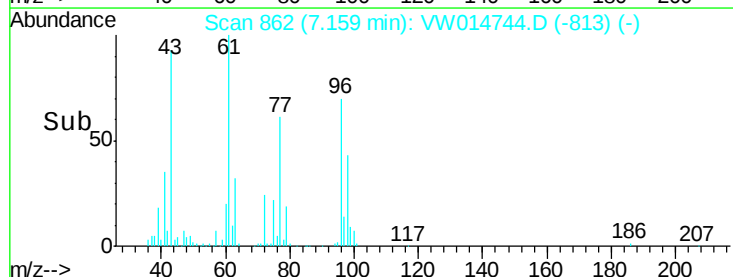
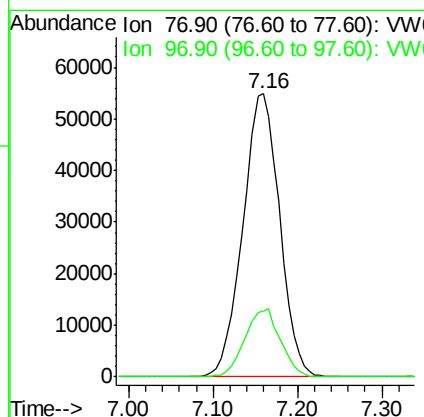
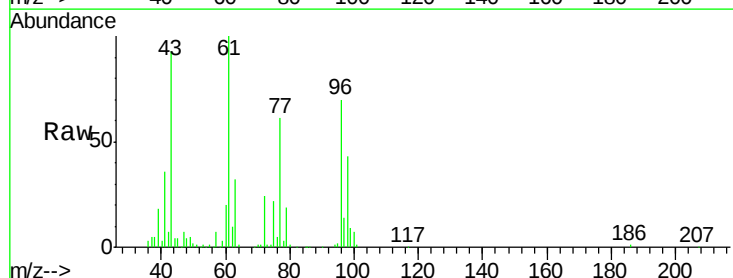
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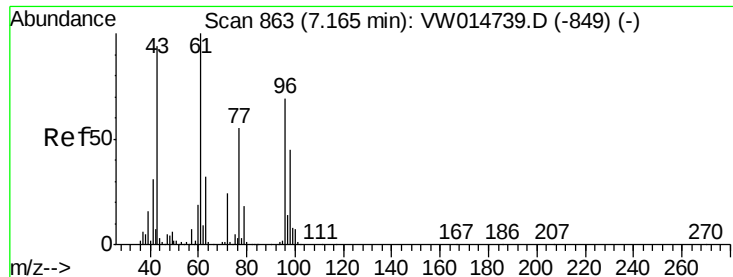
MMDadoda
1/27/2020 12:06:29 PM



#26
2,2-Dichloropropane
Concen: 22.261 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion: 77 Resp: 162495
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.9





#27

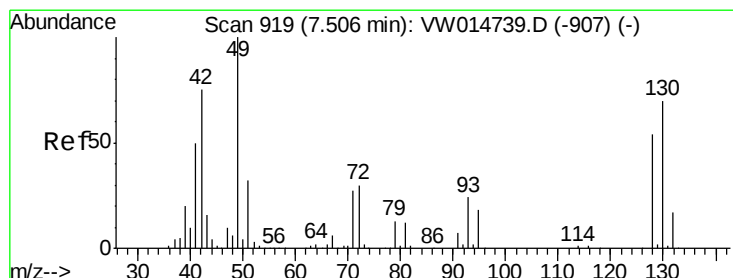
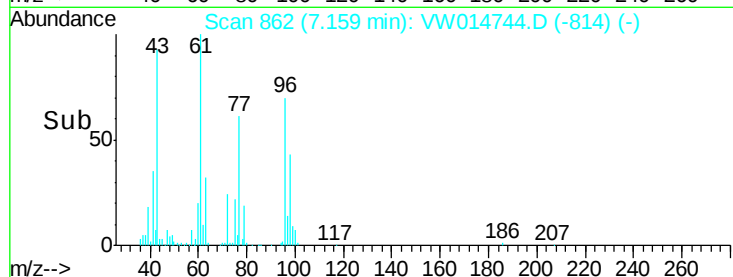
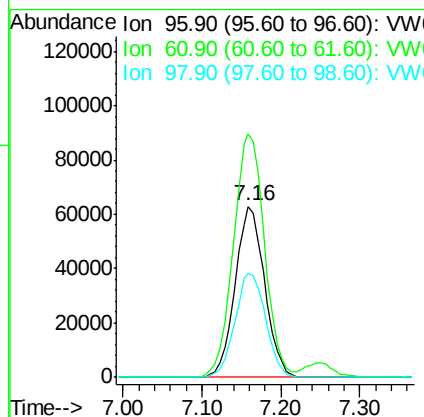
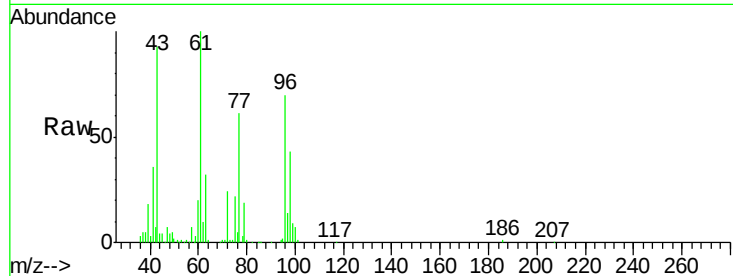
cis-1,2-Dichloroethene
Concen: 21.780 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	292.2
98	63.3	0.0	127.6

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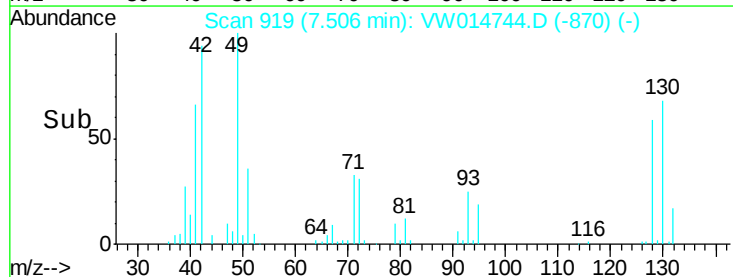
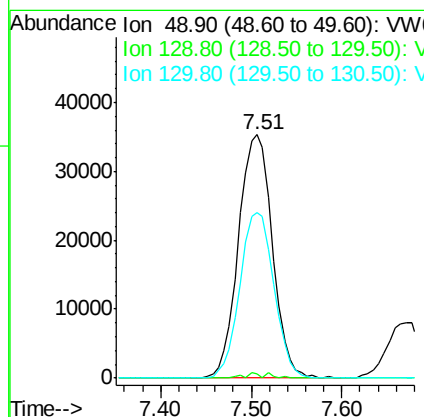
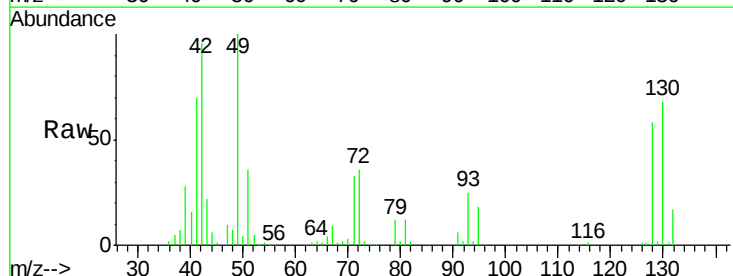
MMDadoda
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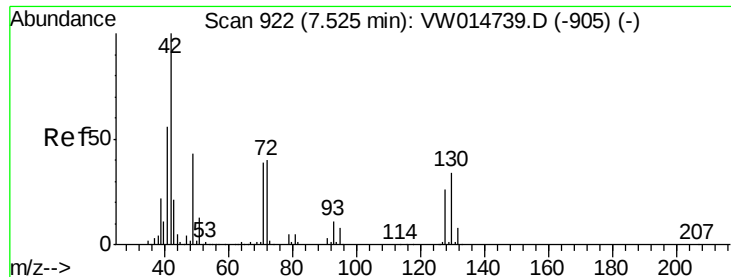


#28

Bromochloromethane
Concen: 18.105 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	2.6
130	68.5	56.7	85.1





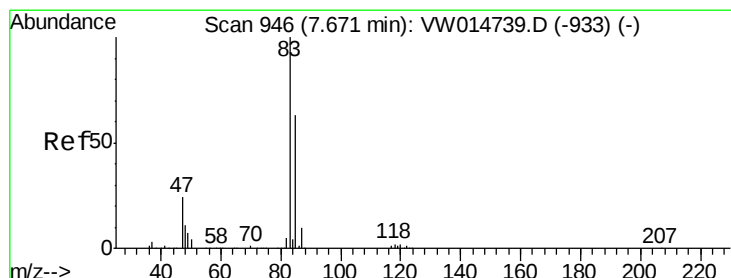
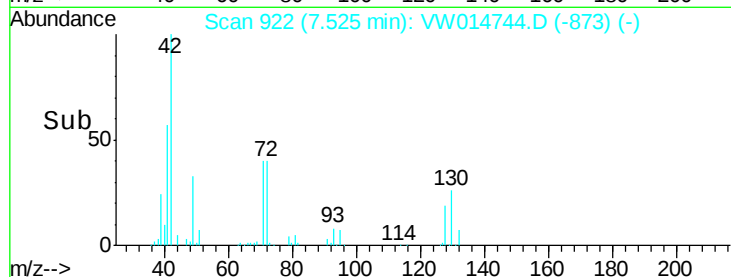
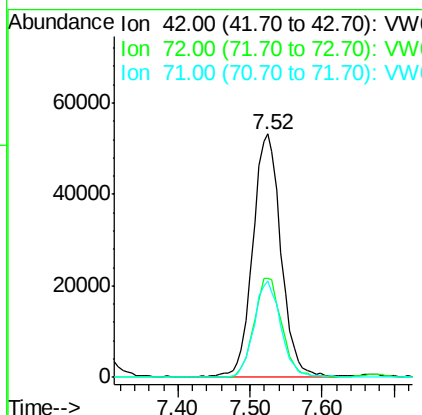
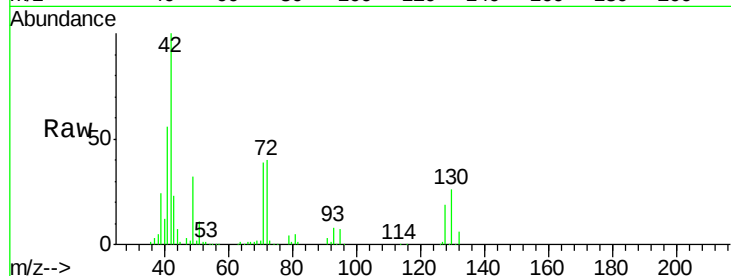
#29
Tetrahydrofuran
Concen: 106.692 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.1	32.3	48.5
71	37.9	31.0	46.4

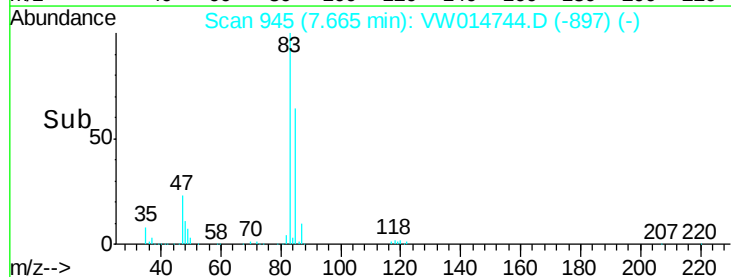
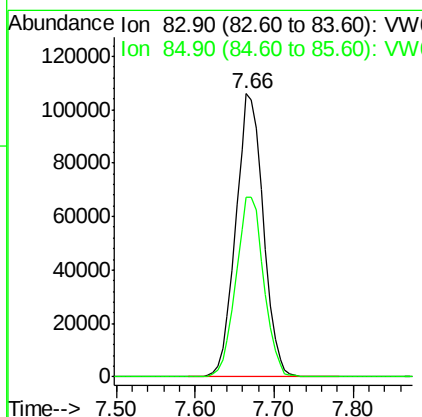
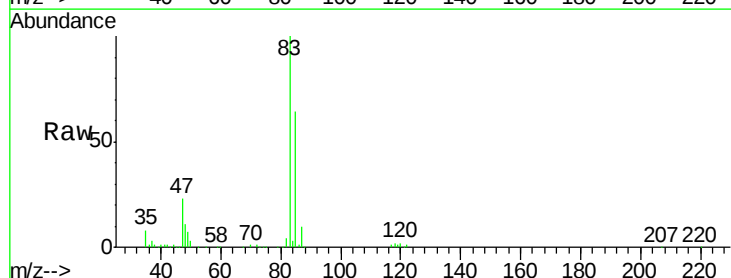
Manual Integrations
APPROVED

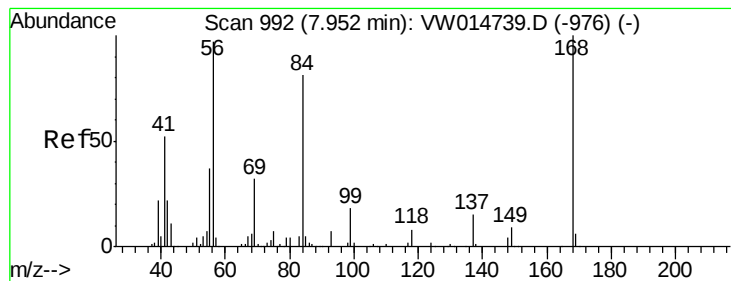
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#30
Chloroform
Concen: 21.250 ug/l
RT: 7.66 min Scan# 945
Delta R.T. -0.01 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.1	75.1





#31

Cyclohexane

Concen: 21.911 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

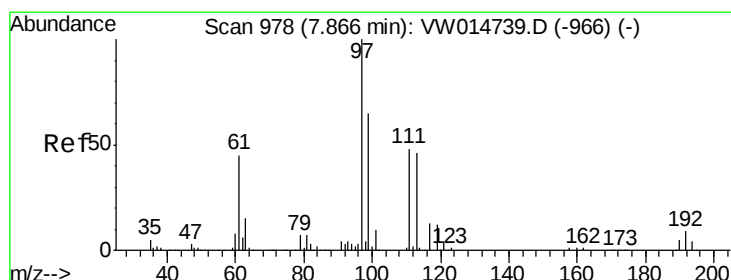
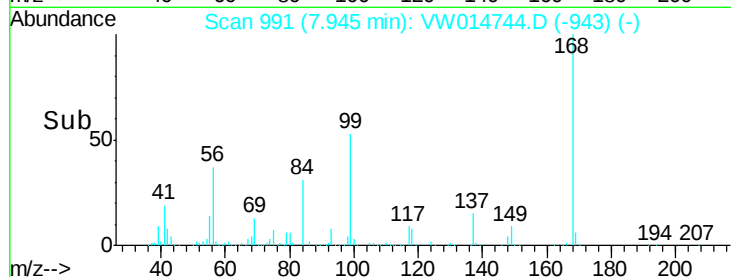
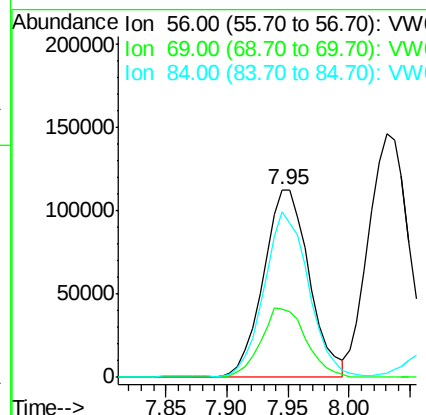
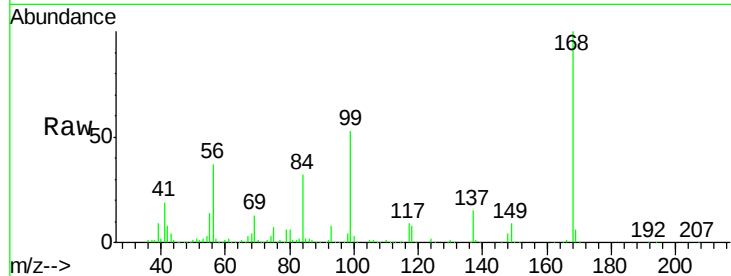
ClientSampled :

VW0124SBS01

Tot Ion:	56	Resp:	294497
Ion Ratio	Lower	Upper	
56	100		
69	36.6	26.0	39.0
84	86.9	66.6	99.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.887 ug/l

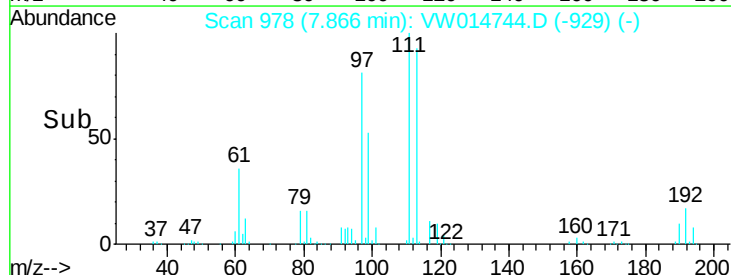
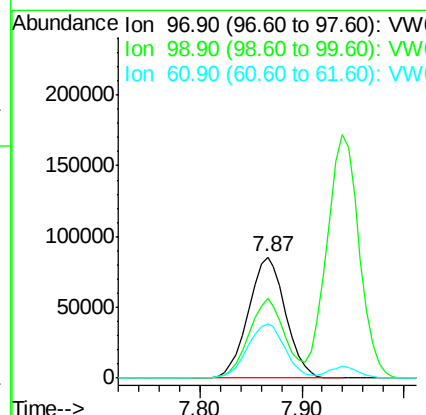
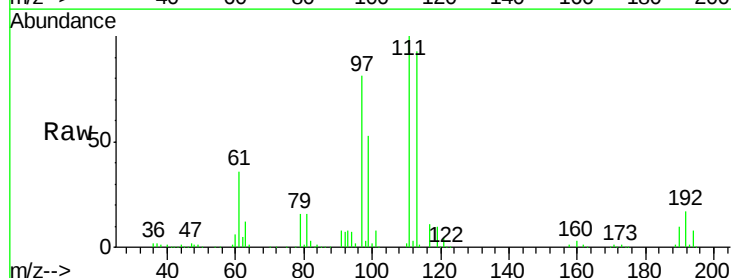
RT: 7.87 min Scan# 978

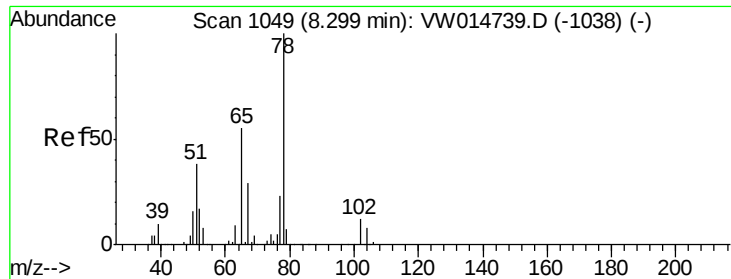
Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Tgt Ion:	97	Resp:	214948
Ion Ratio	Lower	Upper	
97	100		
99	64.8	52.2	78.4
61	45.5	36.2	54.4





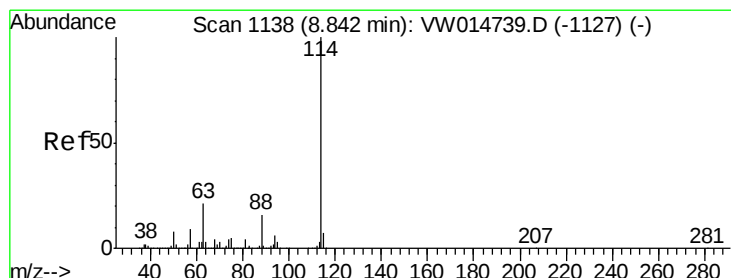
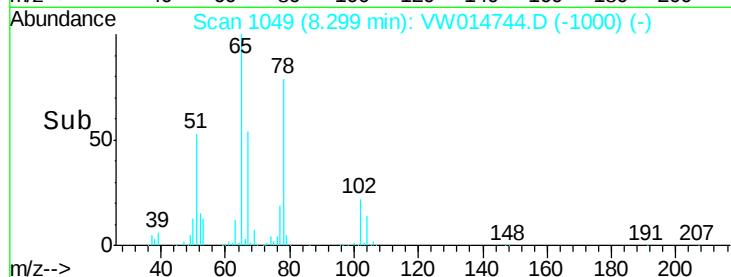
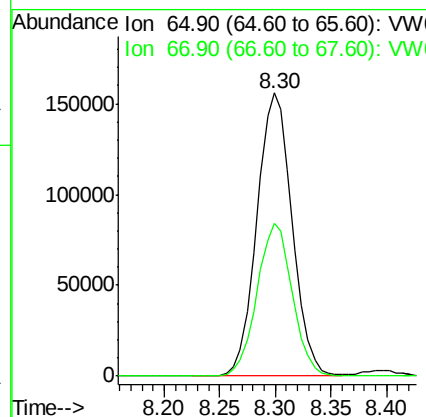
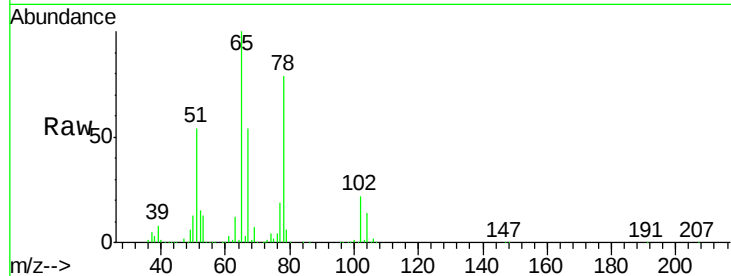
#33
 1,2-Dichloroethane-d4
 Concen: 53.298 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	344208		
67	53.8	0.0	106.0	

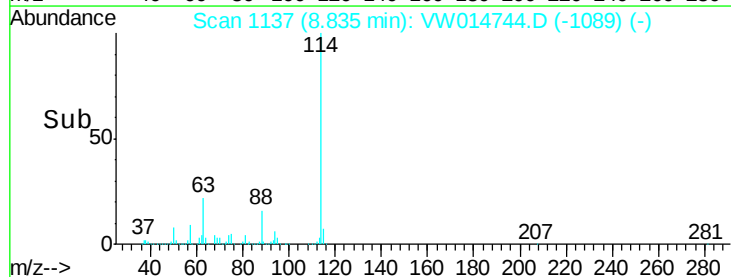
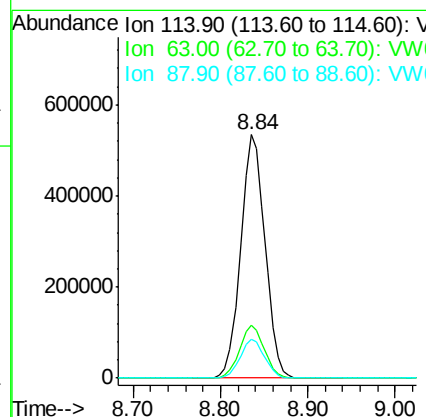
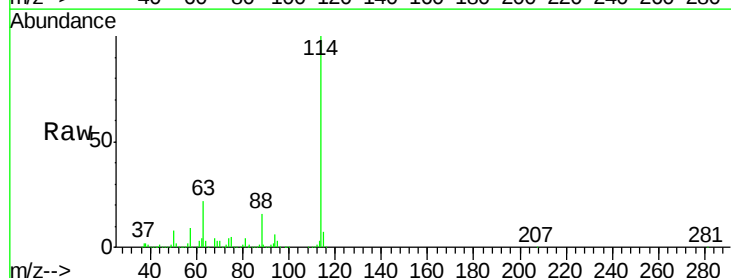
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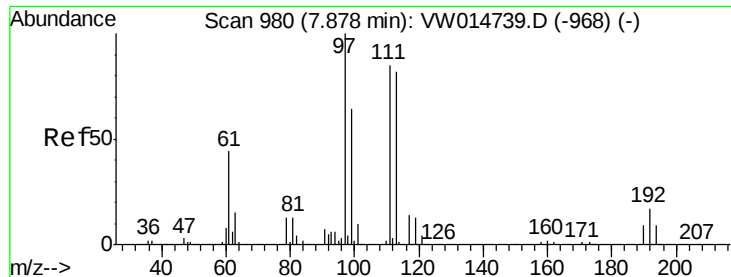
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1034705		
63	21.9	0.0	41.2	
88	16.1	0.0	32.2	





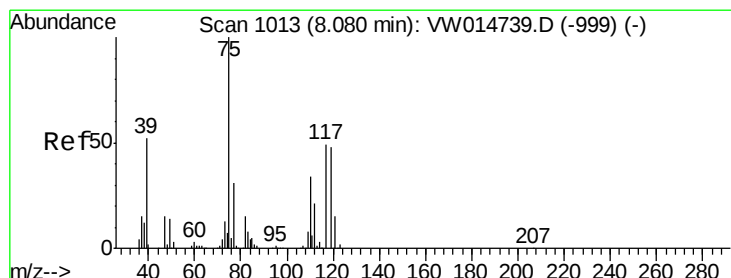
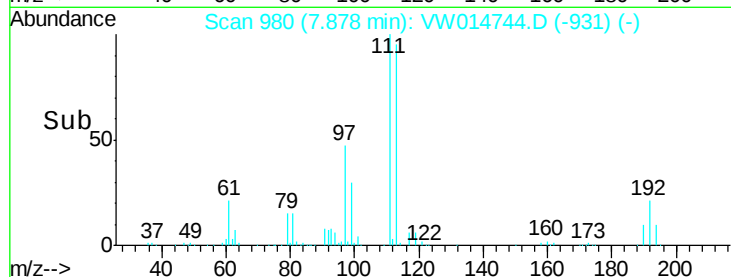
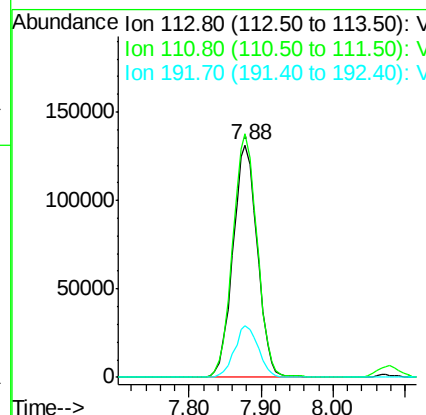
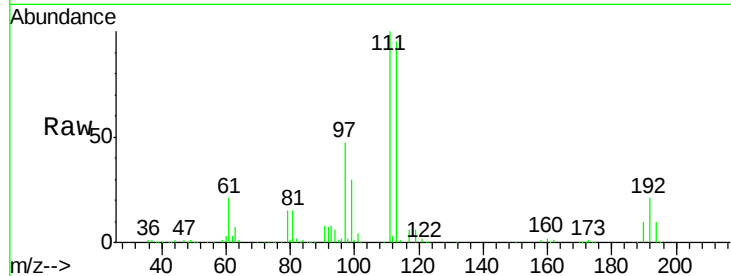
#35
Dibromofluoromethane
Concen: 51.583 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	310685		
111	104.5	82.2	123.2	
192	21.7	17.0	25.6	

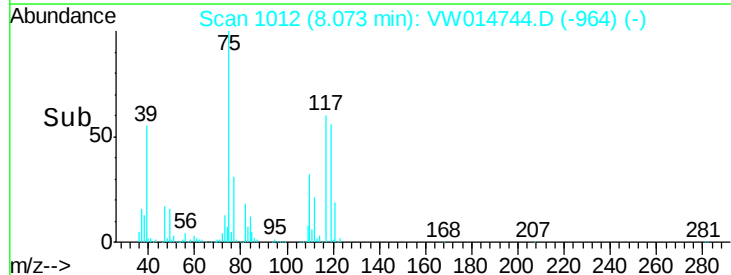
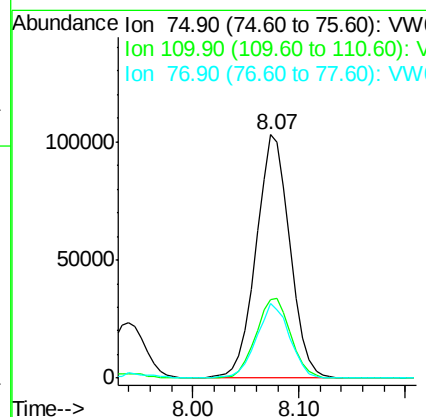
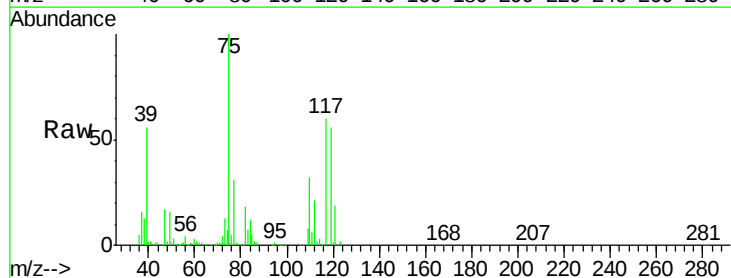
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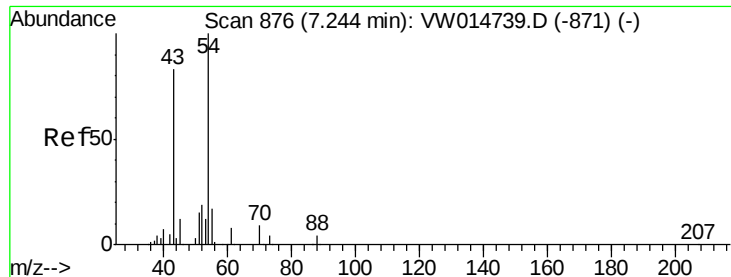
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#36
1,1-Dichloropropene
Concen: 21.739 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	228097		
110	33.9	17.1	51.2	
77	30.5	24.8	37.2	





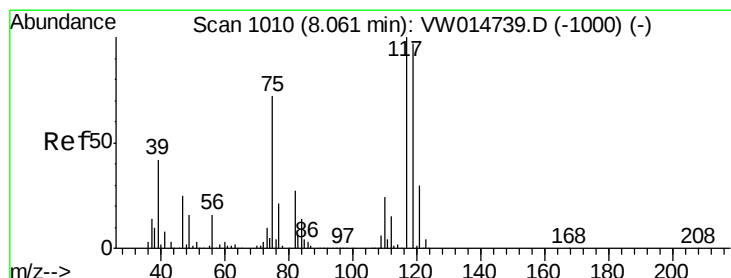
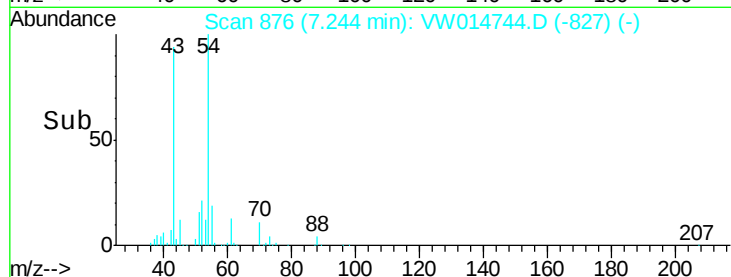
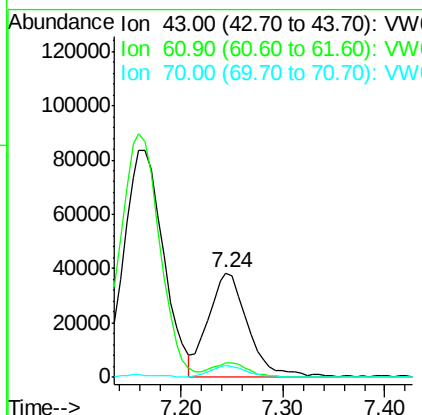
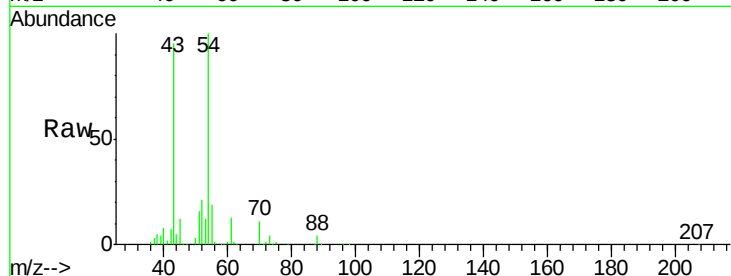
#37
Ethyl Acetate
Concen: 21.926 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampled :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.7	16.1
70	10.6	8.5	12.7

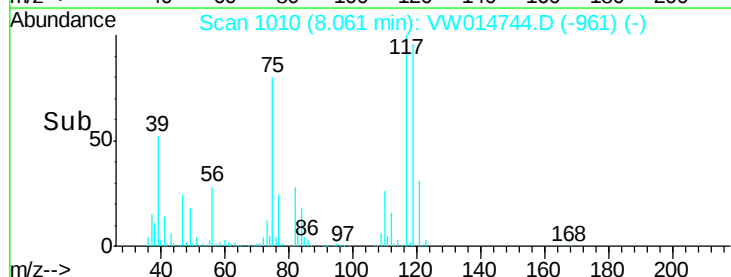
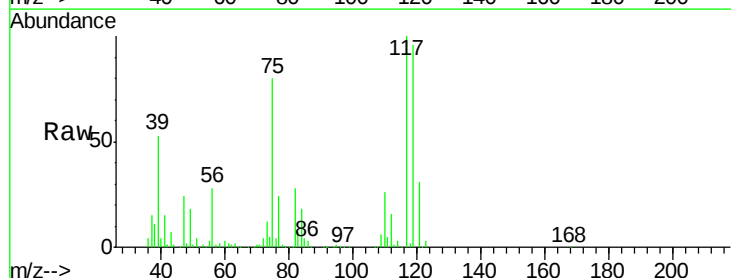
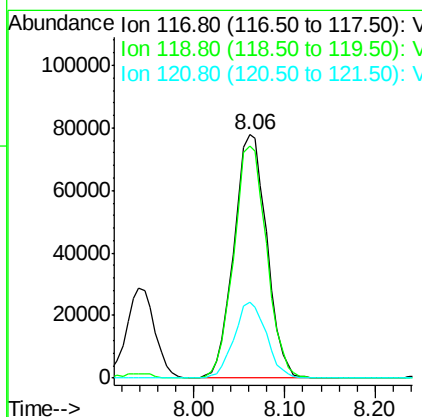
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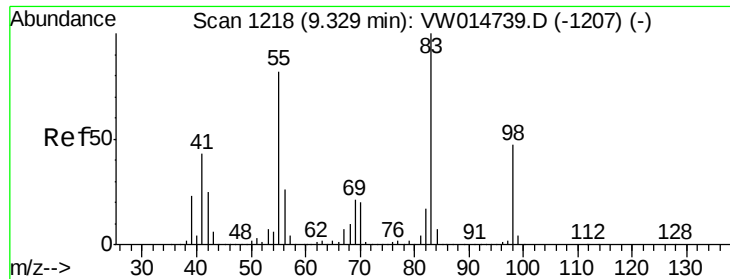
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#38
Carbon Tetrachloride
Concen: 21.458 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.5	116.3
121	31.2	24.3	36.5





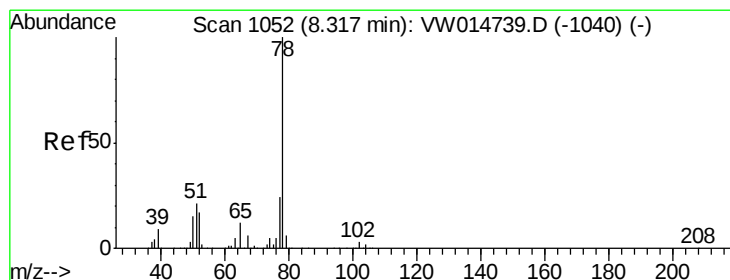
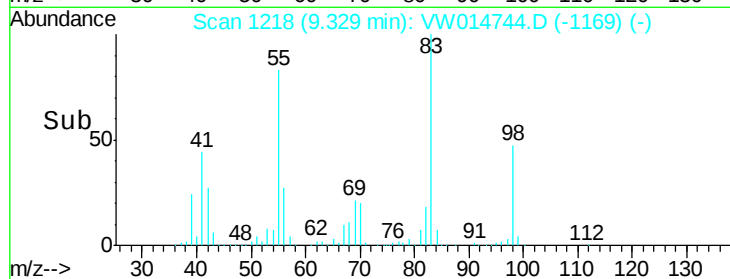
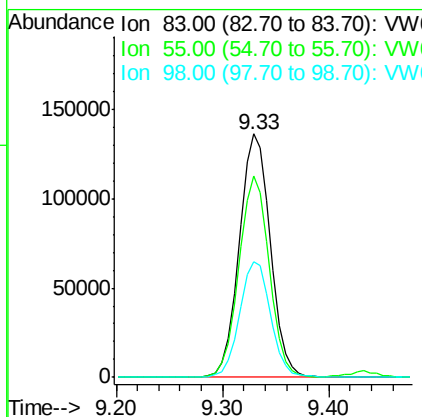
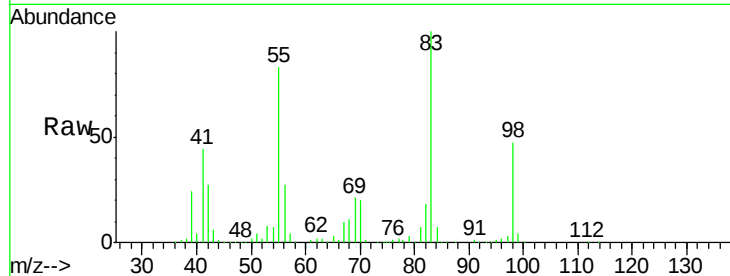
#39
Methvlcvclohexane
Concen: 22.118 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.9	65.2	97.8
98	47.4	37.6	56.4

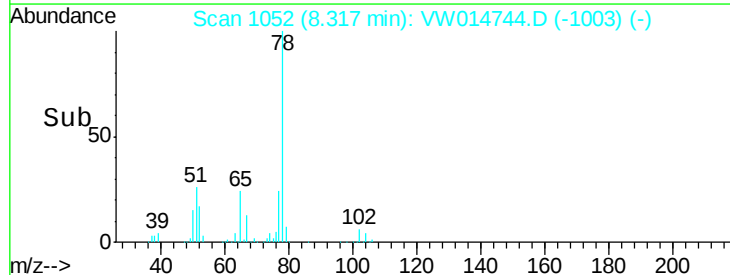
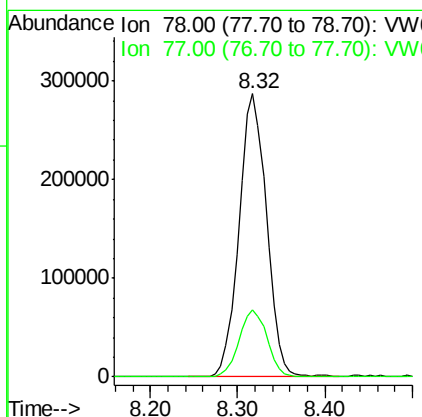
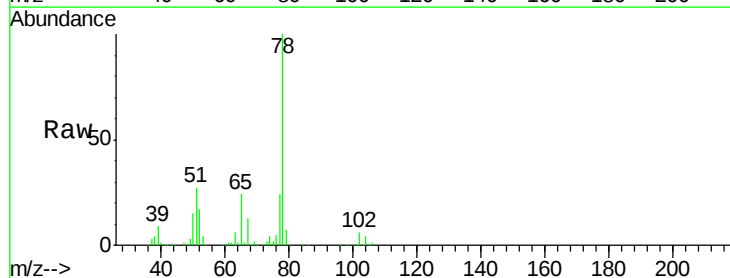
Manual Integrations
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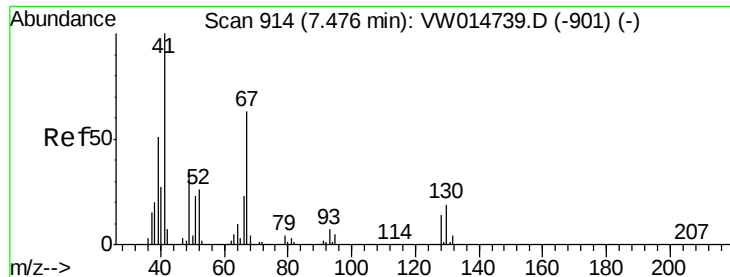
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#40
Benzene
Concen: 21.476 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7





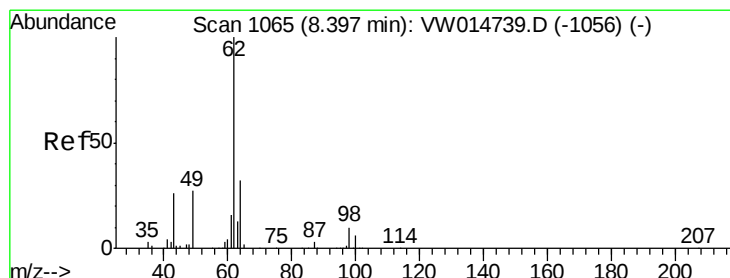
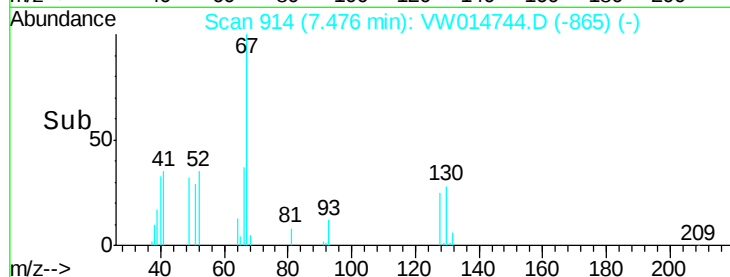
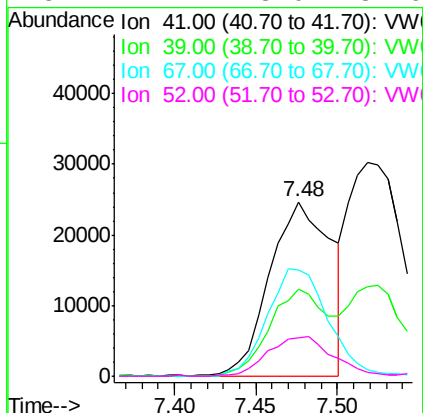
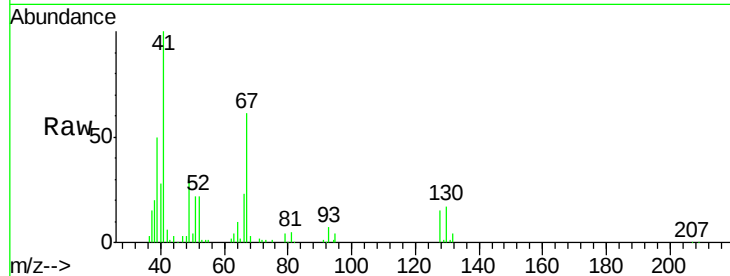
#41
Methacrylonitrile
Concen: 25.058 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion:	41	Resp:	63943
Ion	Ratio	Lower	Upper
41	100		
39	49.2	45.3	67.9
67	62.3	57.0	85.4
52	24.4	23.0	34.6

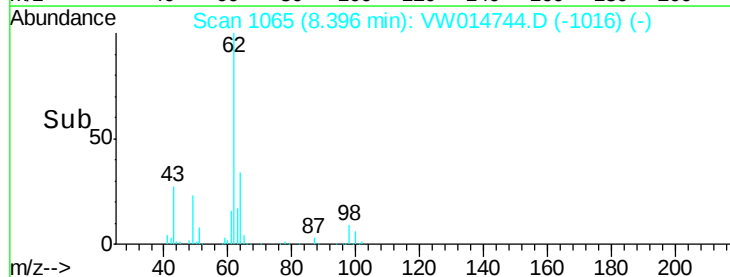
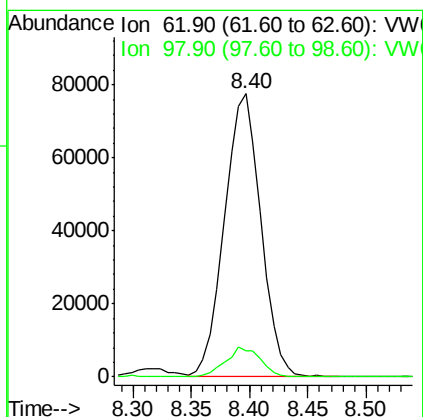
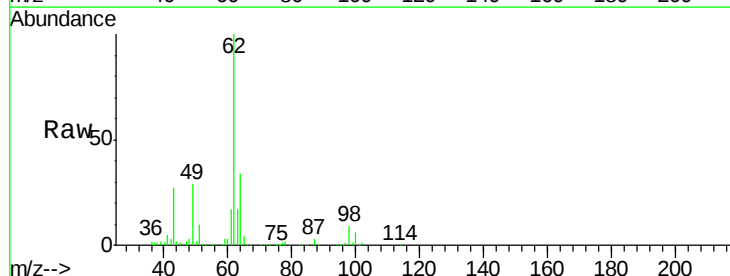
Manual Integrations
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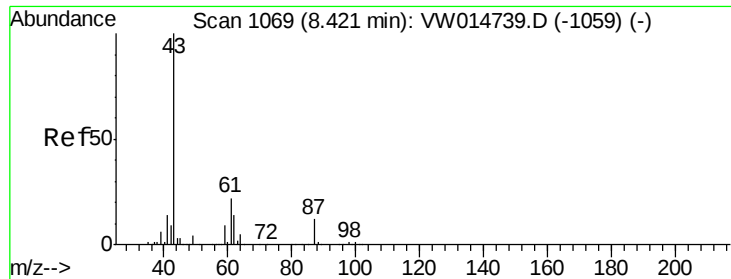
MMDadoda
1/27/2020 12:06:29 PM



#42
1,2-Dichloroethane
Concen: 21.297 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion:	62	Resp:	167687
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.6





#43

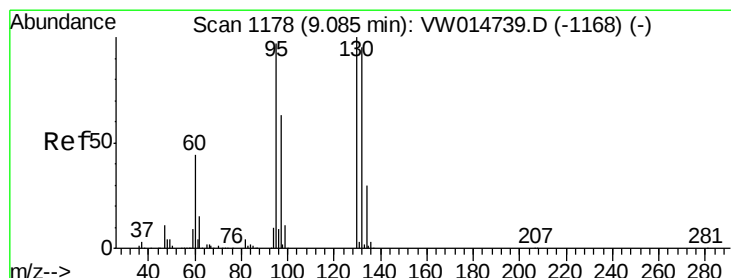
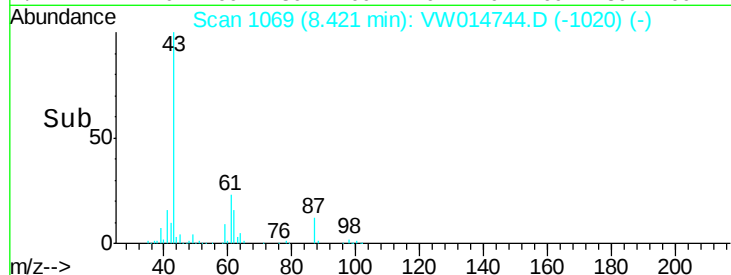
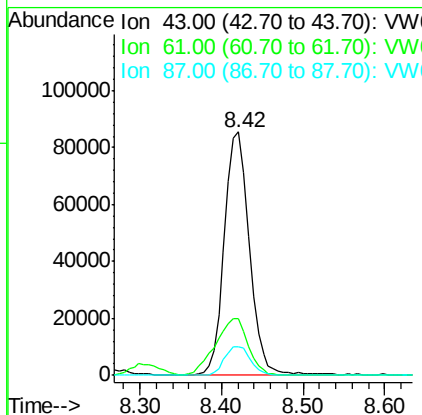
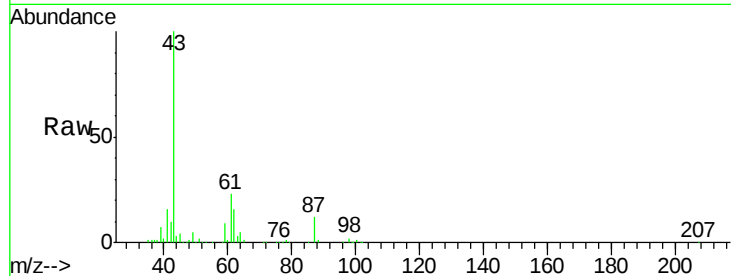
Isopropyl Acetate
 Concen: 21.419 ug/l
 RT: 8.42 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.6	24.4	36.6
87	12.3	9.8	14.6

Manual Integrations
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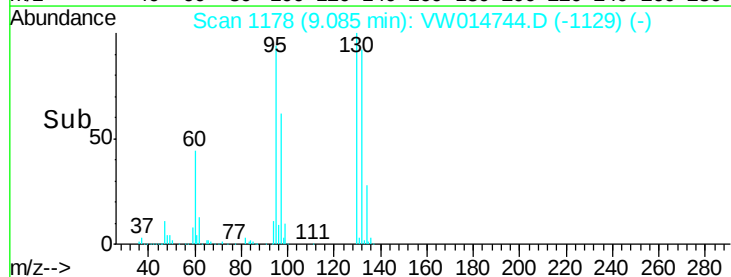
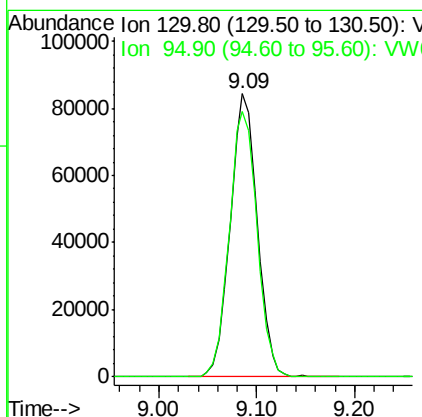
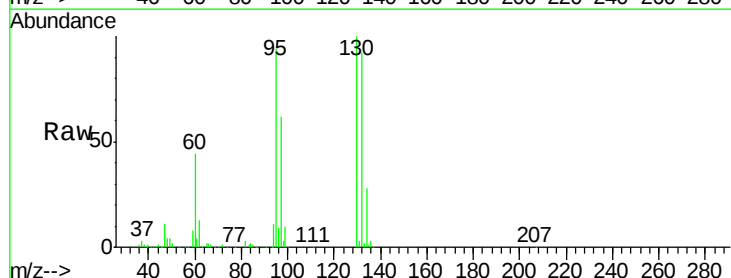
MMDadoda
 1/27/2020 12:06:29 PM

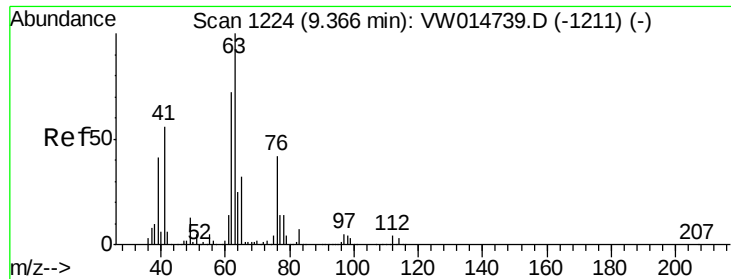


#44

Trichloroethene
 Concen: 21.564 ug/l
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	193.2





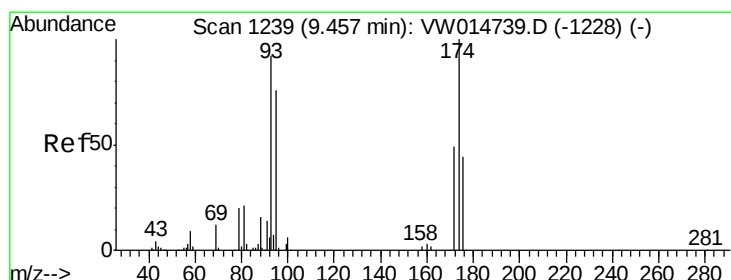
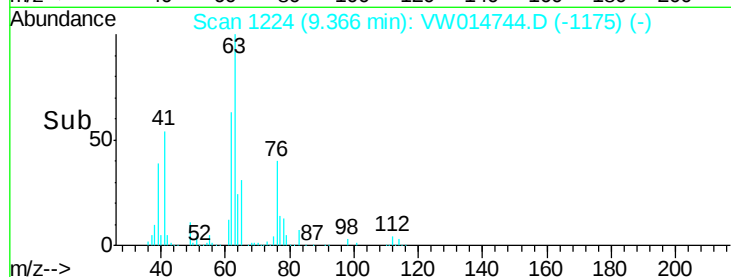
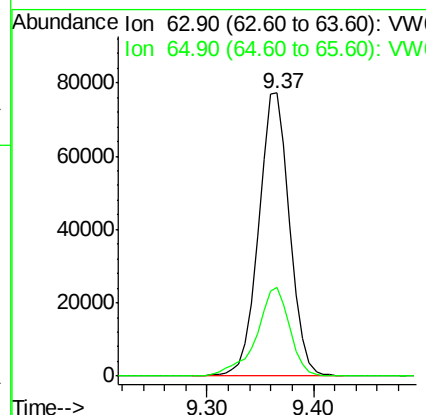
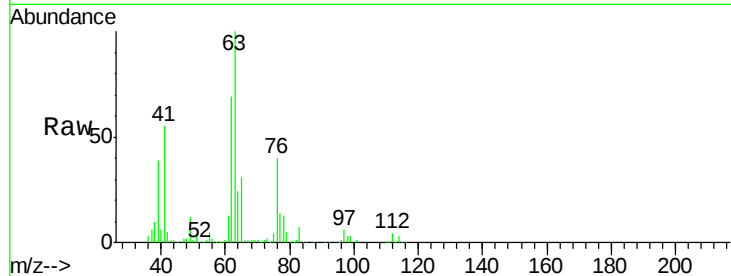
#45
 1,2-Dichloropropane
 Concen: 21.627 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

Tot Ion: 63 Resp: 157209
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.3 37.9

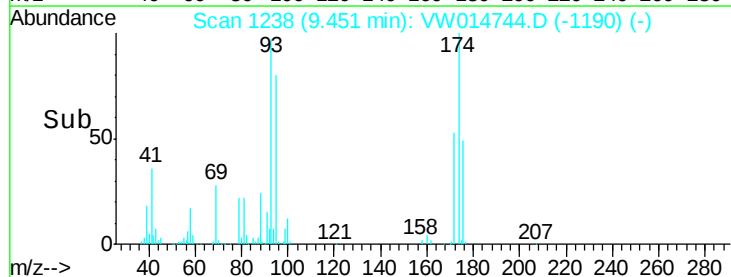
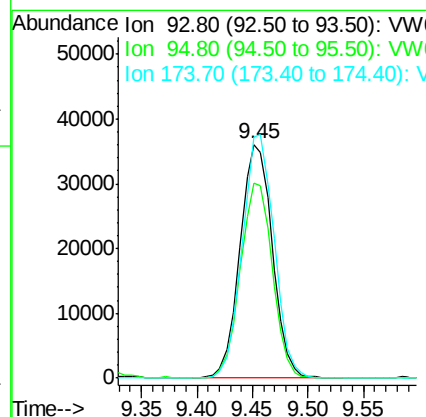
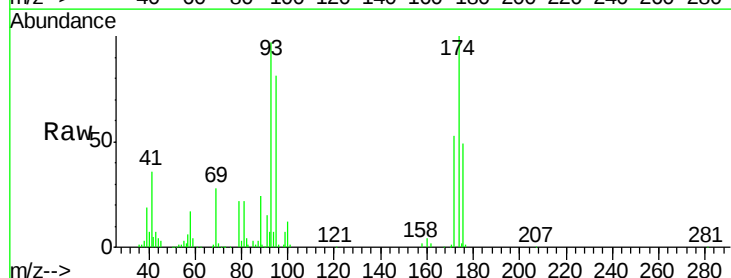
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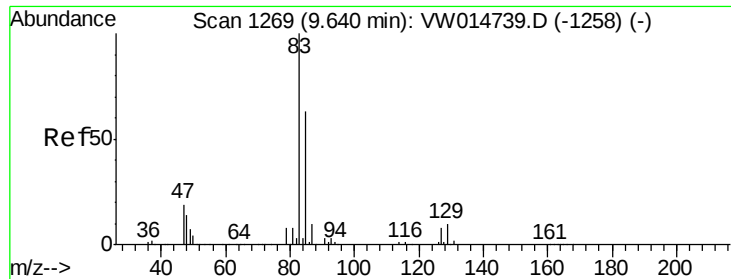
MMDadoda
 1/27/2020 12:06:29 PM



#46
 Dibromomethane
 Concen: 21.061 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion: 93 Resp: 72557
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.4 98.2
 174 103.2 84.2 126.2





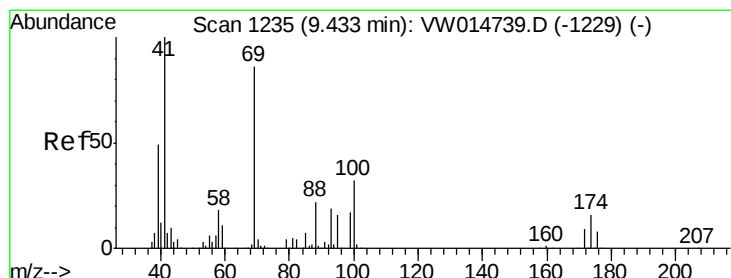
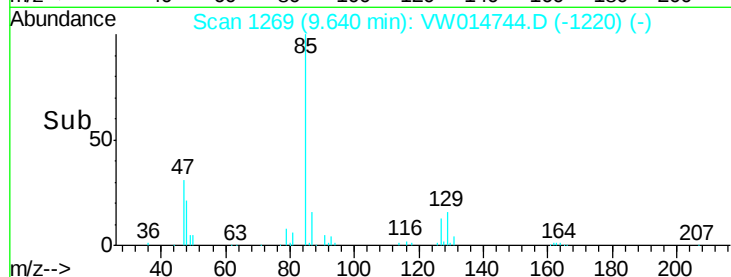
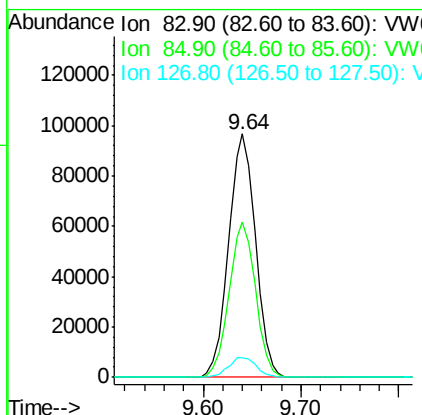
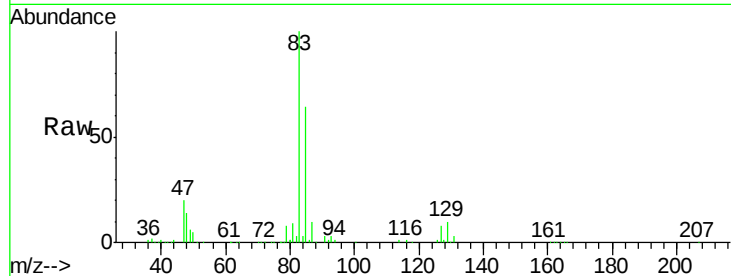
#47
Bromodichloromethane
Concen: 20.904 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	83	Resp	184275
Ion Ratio	100	Lower	Upper
83	100		
85	63.7	50.1	75.1
127	8.0	6.5	9.7

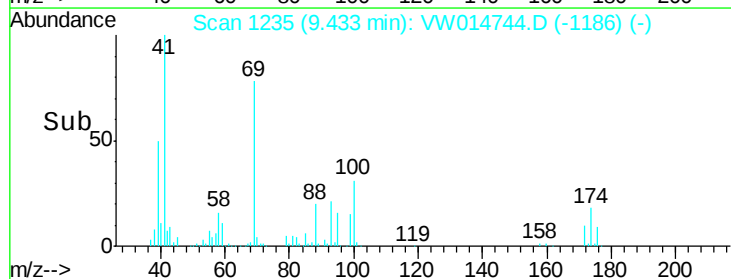
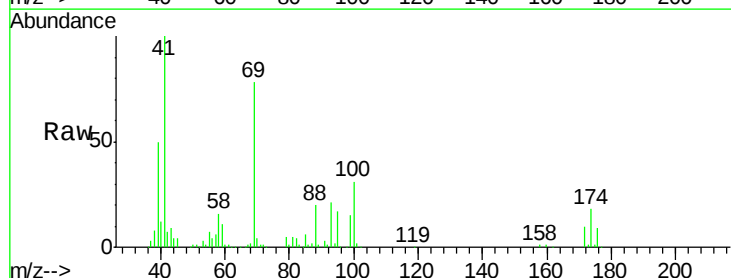
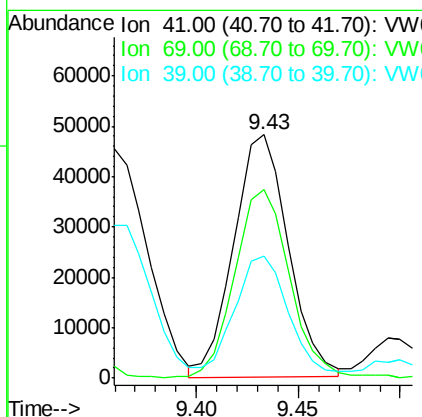
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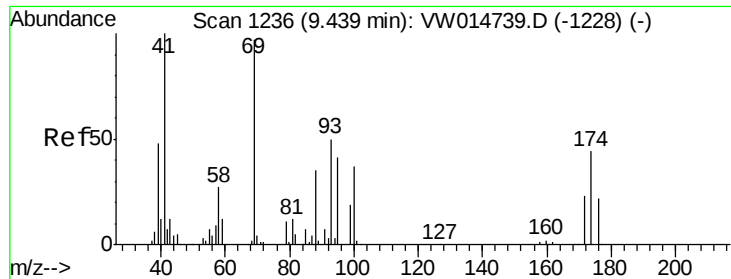
MMDadoda
1/27/2020 12:06:29 PM



#48
Methyl methacrylate
Concen: 22.521 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	41	Resp	89619
Ion Ratio	100	Lower	Upper
41	100		
69	77.9	69.6	104.4
39	45.2	40.2	60.4





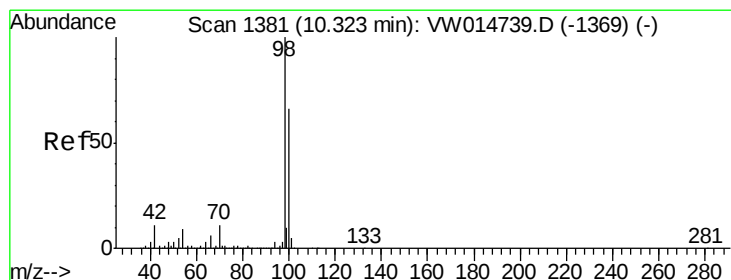
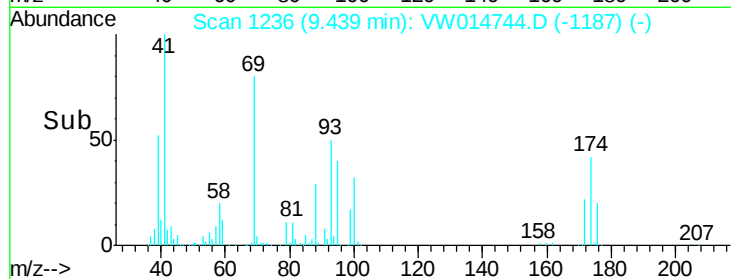
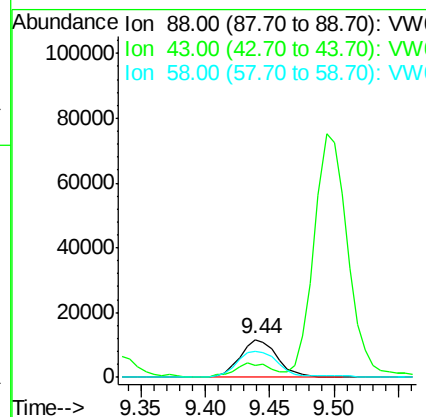
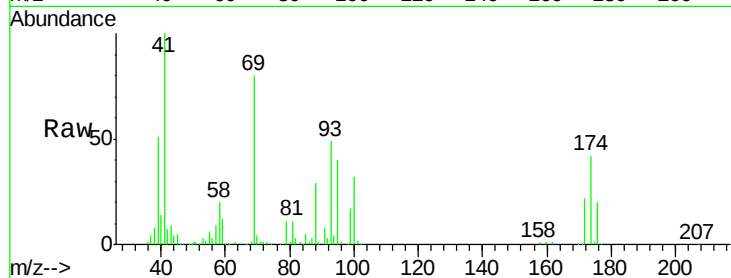
#49
1,4-Dioxane
Concen: 377.241 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.8	27.1	40.7
58	80.9	58.7	88.1

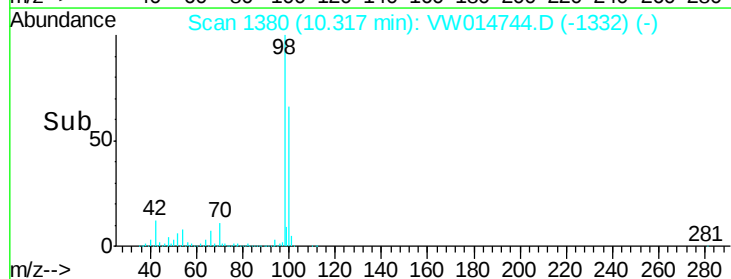
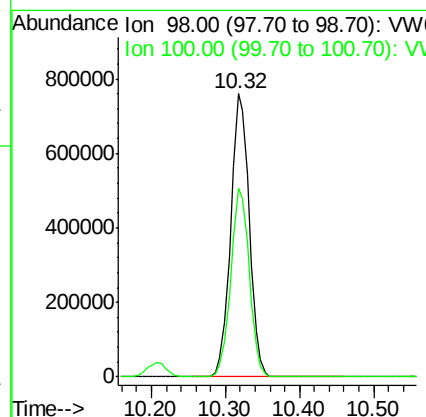
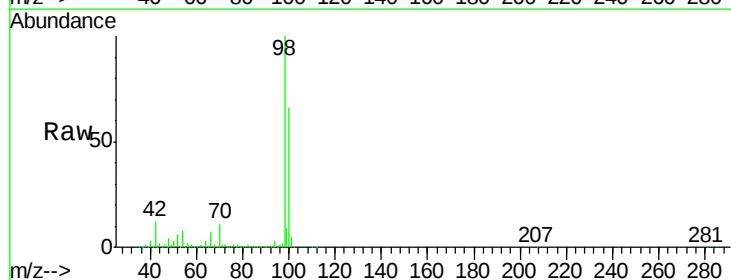
Manual Integrations
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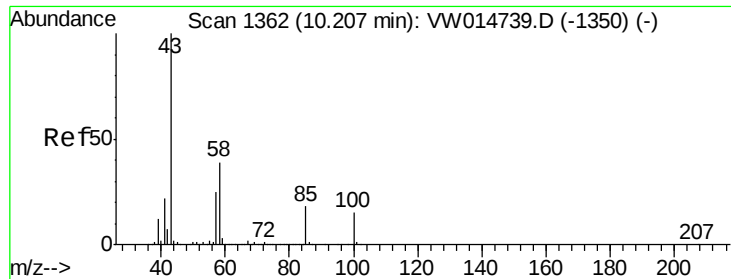
MMDadoda
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#50
Toluene-d8
Concen: 53.137 ug/l
RT: 10.32 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.6	79.0





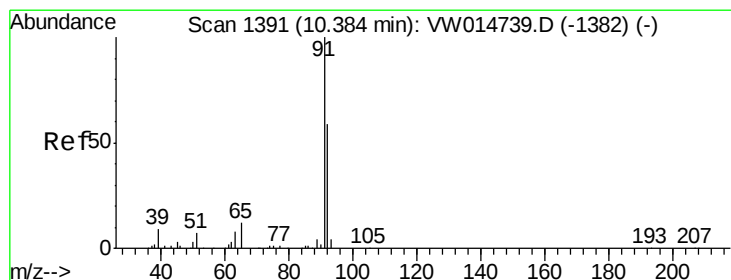
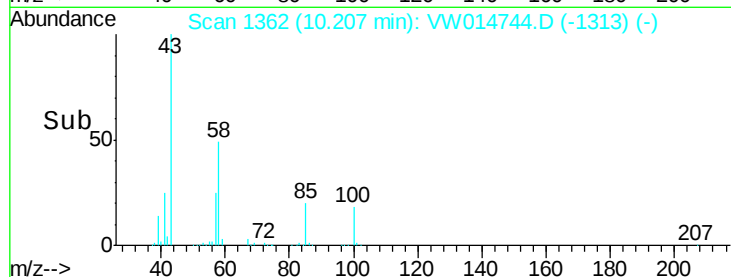
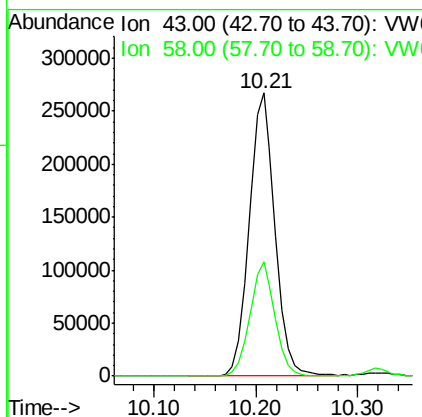
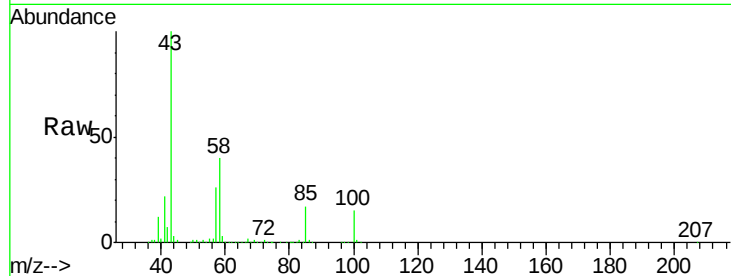
#51
4-Methyl-2-Pentanone
Concen: 106.263 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.3	31.4	47.0

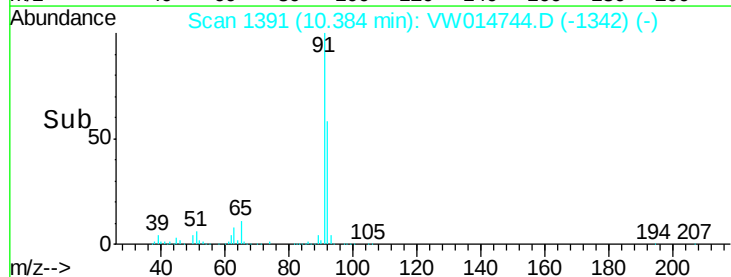
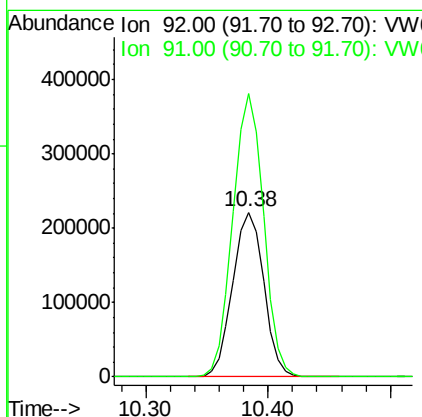
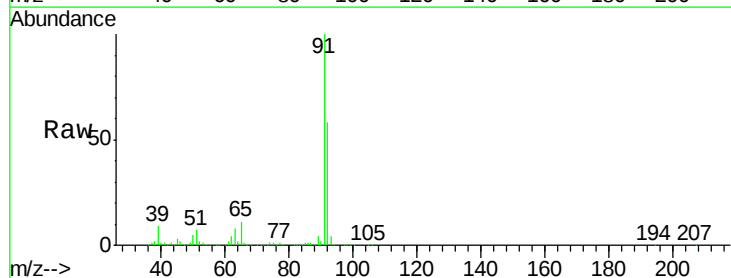
Manual Integrations
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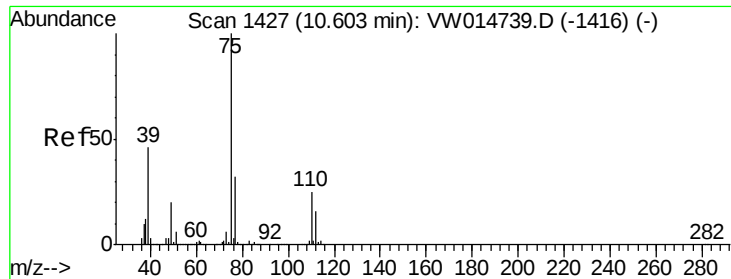
MMDadoda
1/27/2020 12:06:29 PM



#52
Toluene
Concen: 21.811 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.6	135.8	203.8





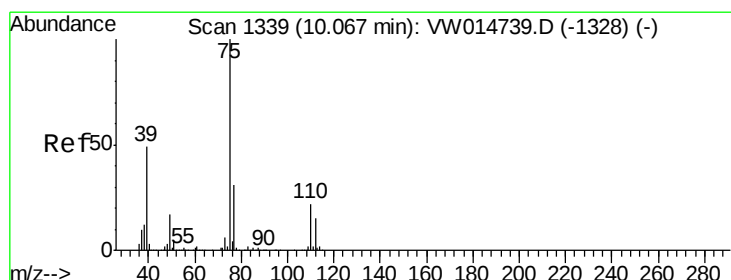
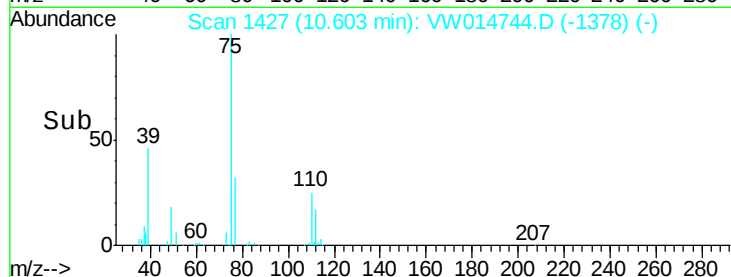
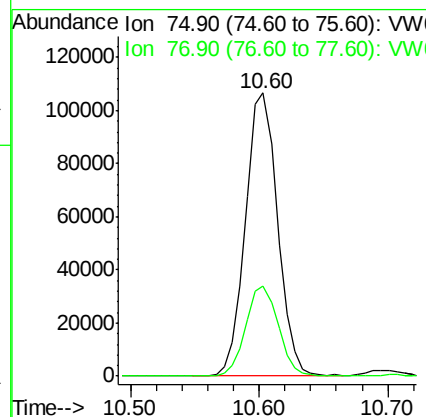
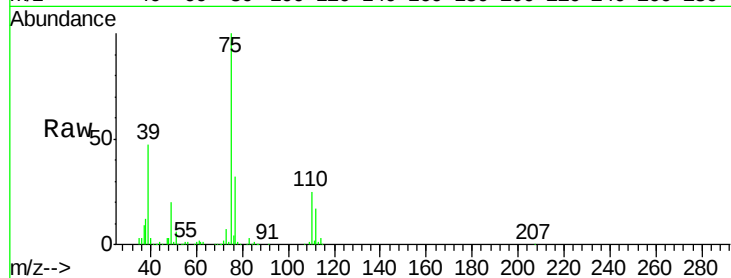
#53
t-1,3-Dichloropropene
Concen: 20.983 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.7	38.5

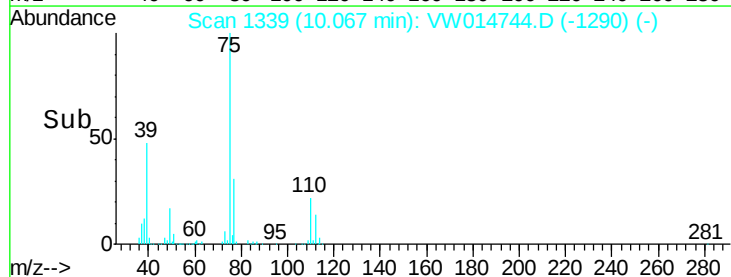
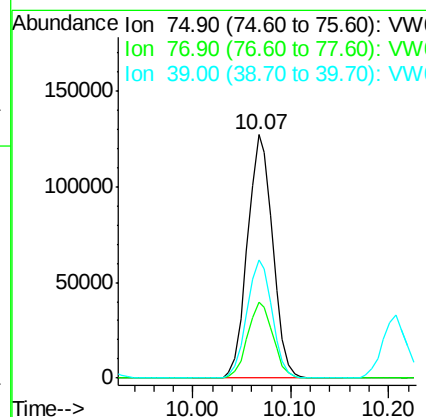
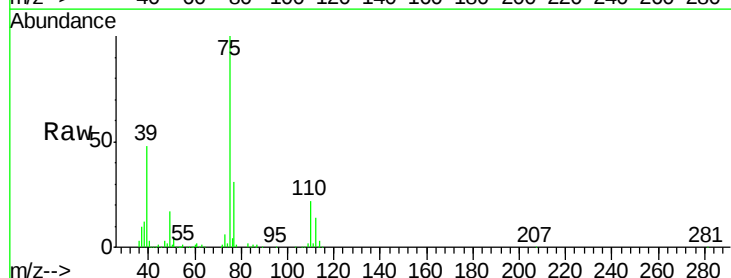
Manual Integrations
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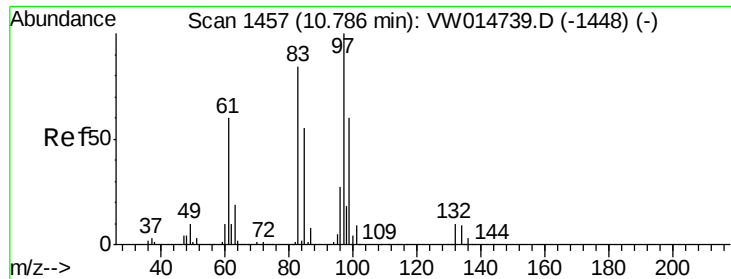
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#54
cis-1,3-Dichloropropene
Concen: 21.100 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4
39	48.3	39.0	58.6





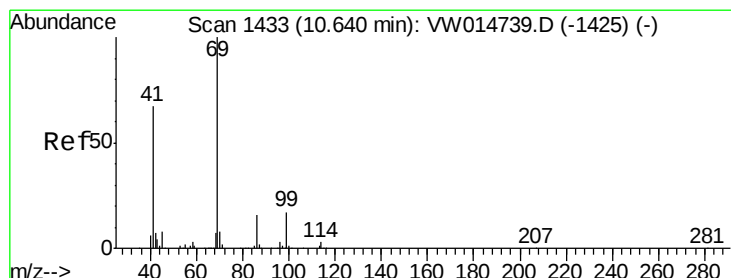
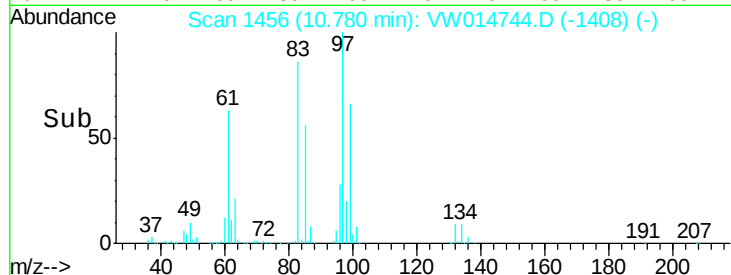
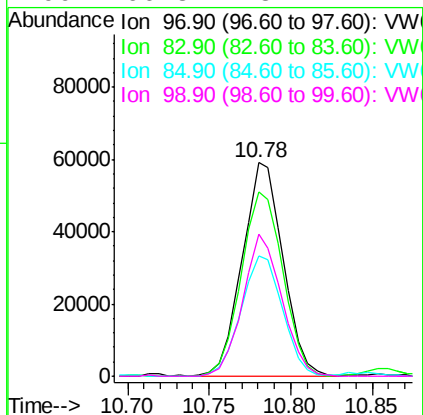
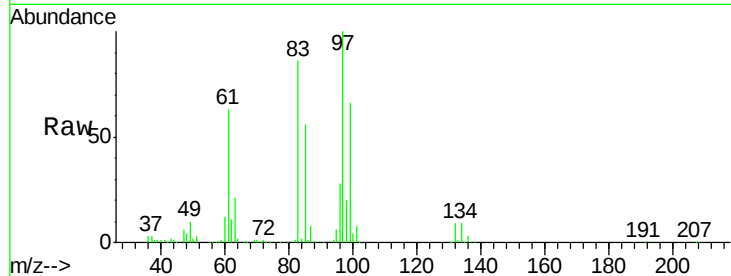
#55
 1,1,2-Trichloroethane
 Concen: 20.781 ug/l
 RT: 10.78 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		102467		
83	86.5	67.1	100.7		
85	56.4	44.2	66.2		
99	66.3	48.2	72.4		

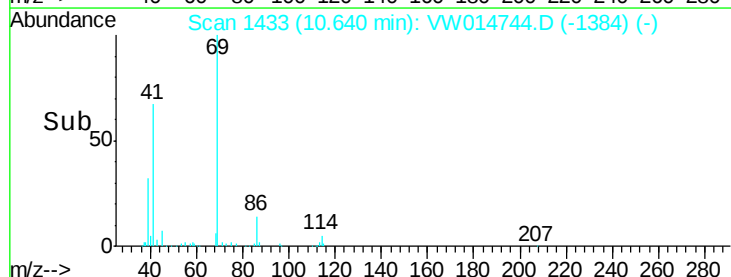
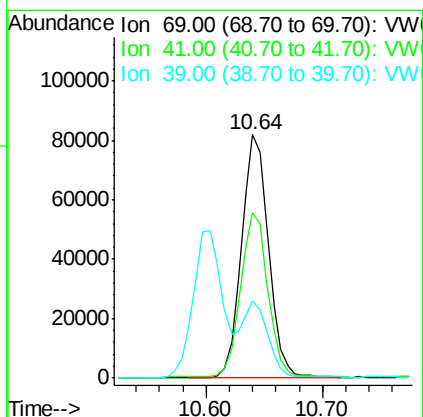
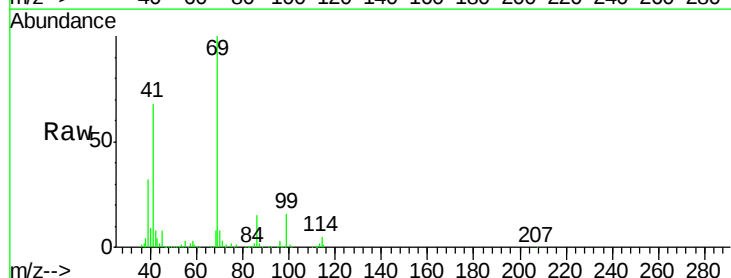
Manual Integrations
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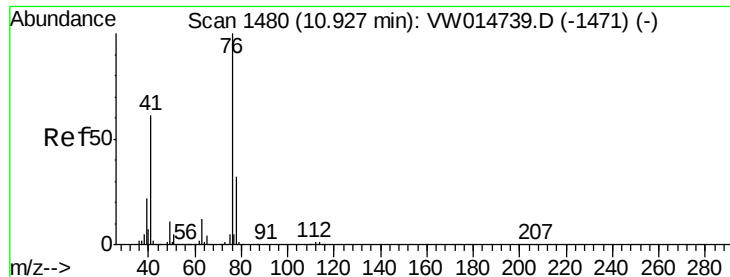
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 1/27/2020 12:06:29 PM



#56
 Ethyl methacrylate
 Concen: 20.984 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		133344		
41	67.5	54.4	81.6		
39	26.3	22.4	33.6		





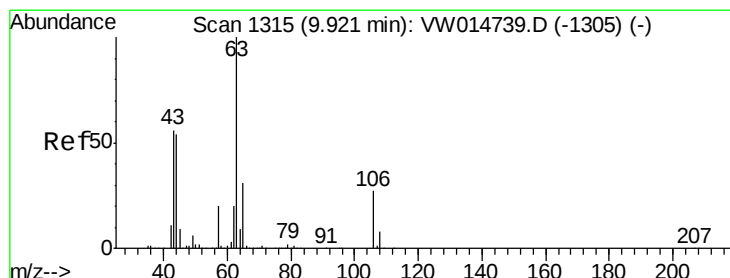
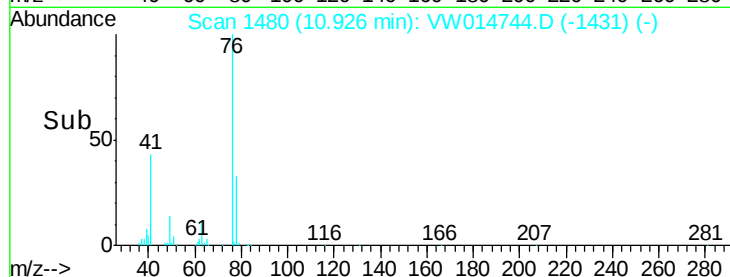
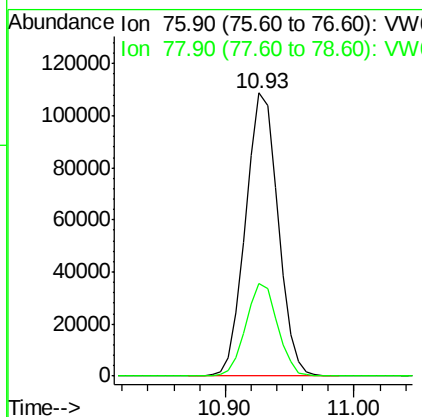
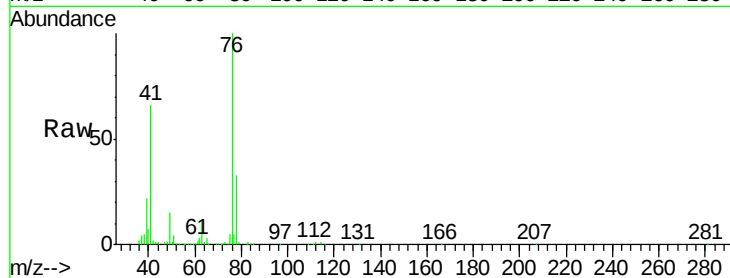
#57
 1,3-Dichloropropane
 Concen: 21.412 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampled :
 VW0124SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.7	38.5

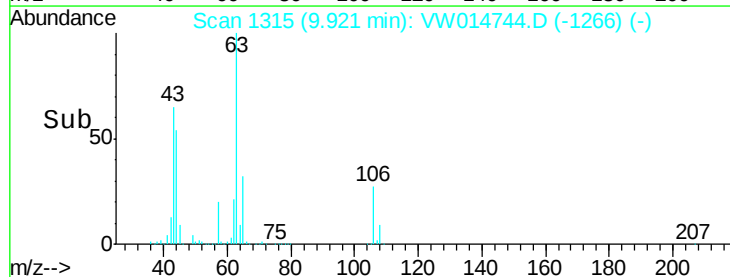
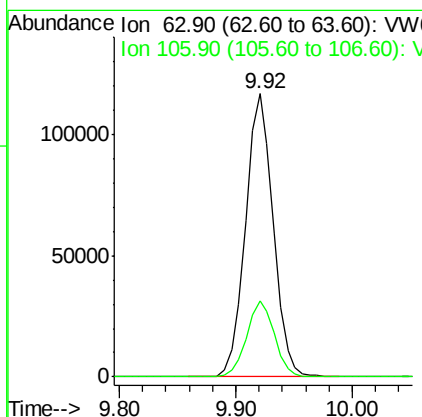
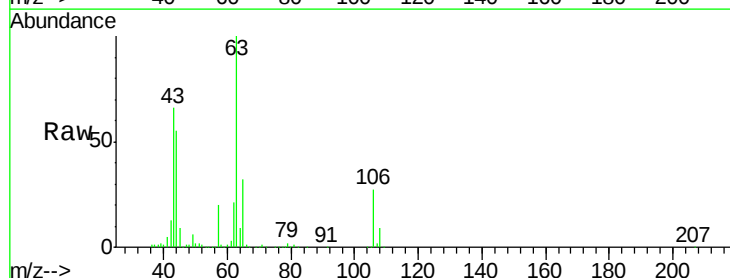
Manual Integrations
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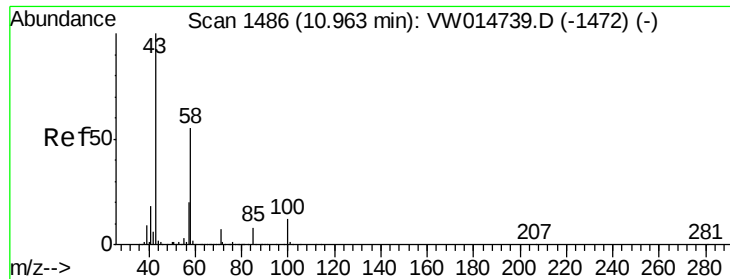
MMDadoda
 1/27/2020 12:06:29 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.829 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.8	32.8





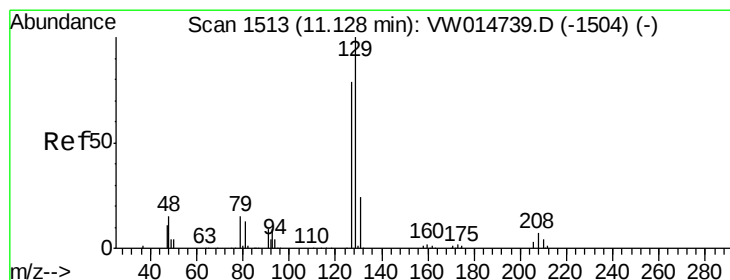
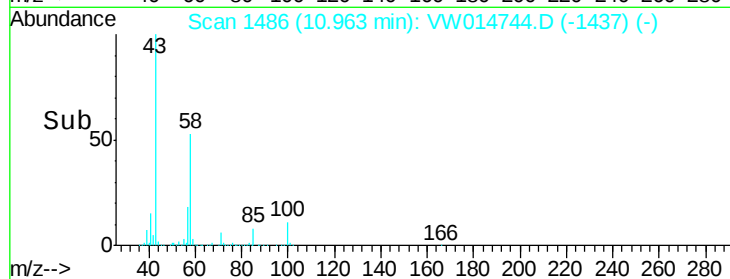
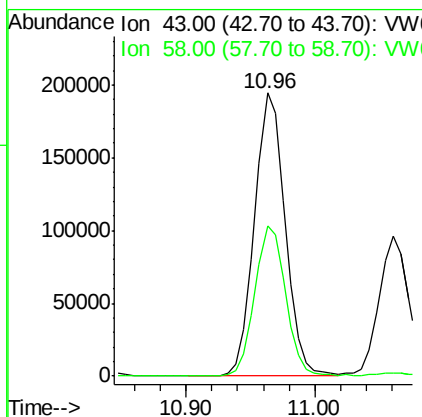
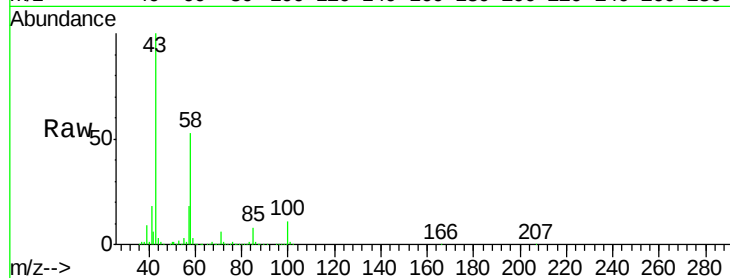
#59
2-Hexanone
Concen: 107.670 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion: 43 Resp: 318952
Ion Ratio Lower Upper
43 100
58 53.6 27.3 81.8

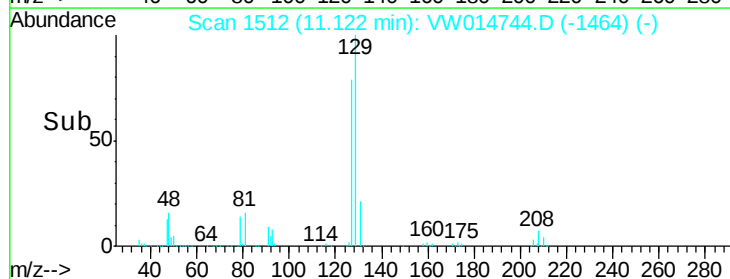
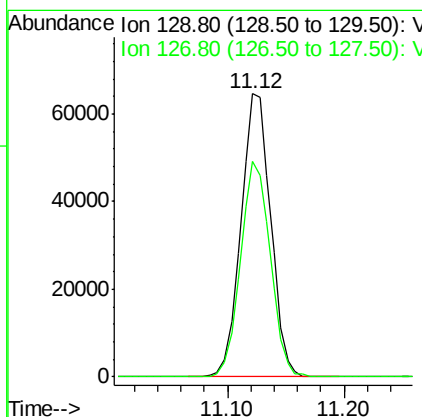
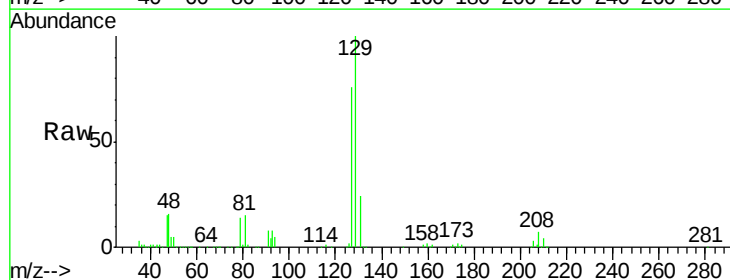
Manual Integrations
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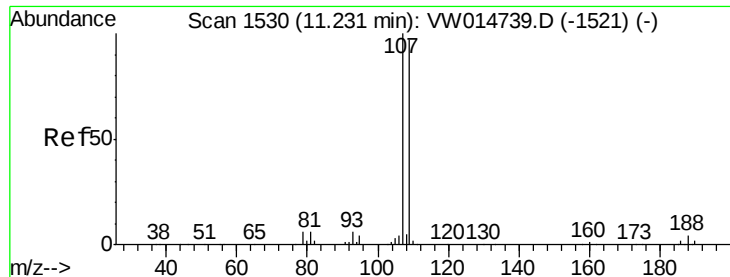
MMDadoda
1/27/2020 12:06:29 PM



#60
Dibromochloromethane
Concen: 20.903 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion: 129 Resp: 115187
Ion Ratio Lower Upper
129 100
127 75.9 39.9 119.6





#61

1,2-Dibromoethane

Concen: 20.948 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

Tot Ion:107 Resp: 96630

Ion Ratio Lower Upper

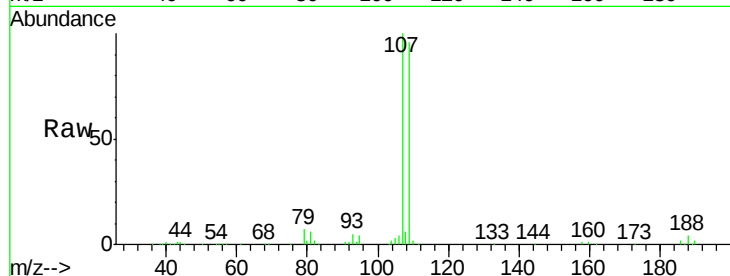
107 100

109 94.3 76.7 115.1

Manual Integrations
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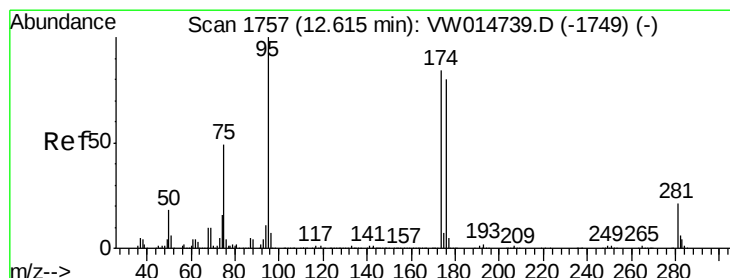
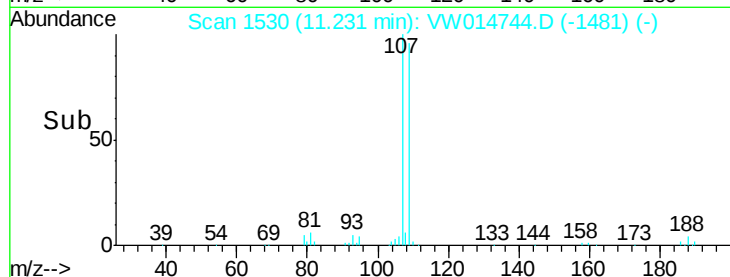
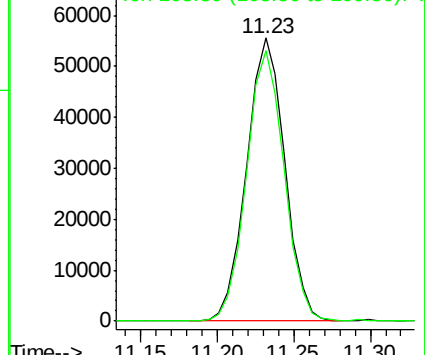
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.733 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

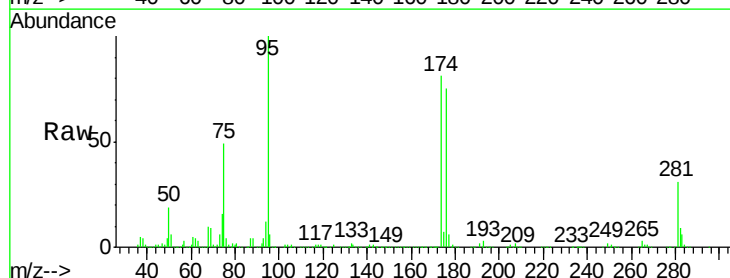
Tgt Ion: 95 Resp: 437875

Ion Ratio Lower Upper

95 100

174 81.1 0.0 163.0

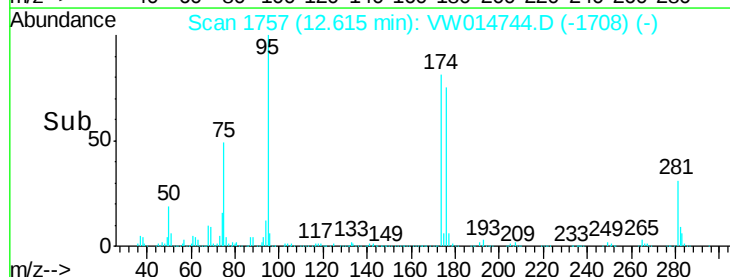
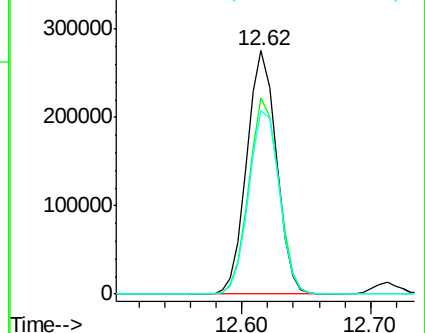
176 77.6 0.0 159.2

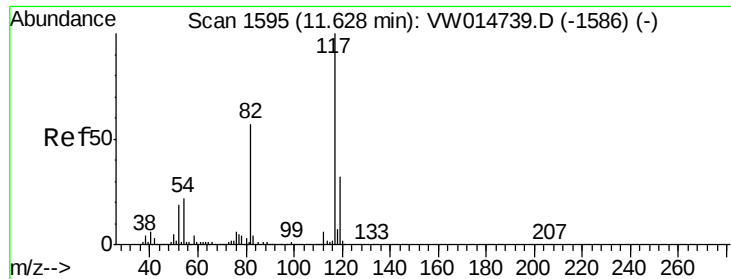


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





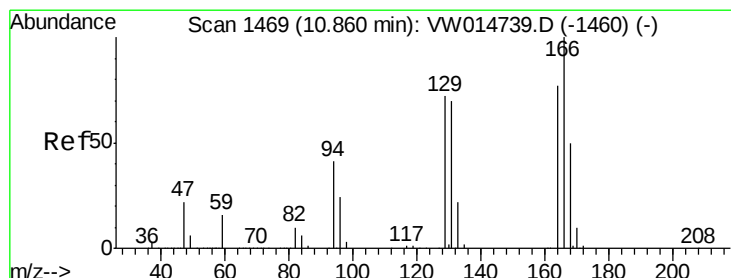
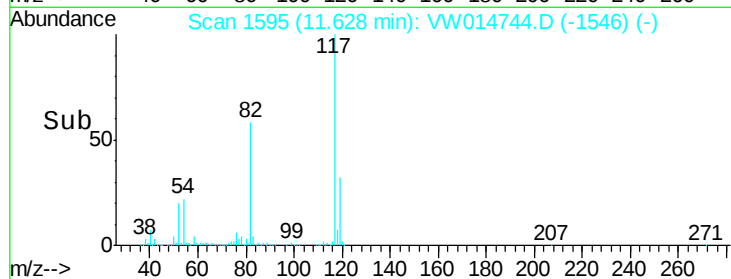
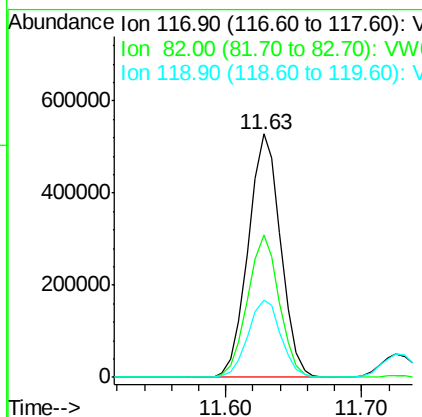
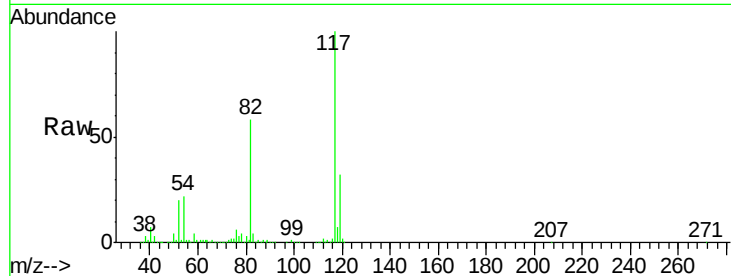
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.9	68.9
119	31.8	25.7	38.5

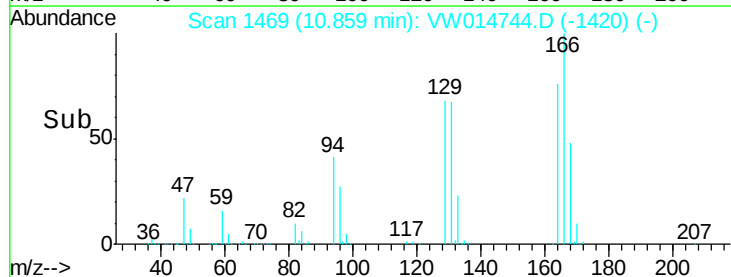
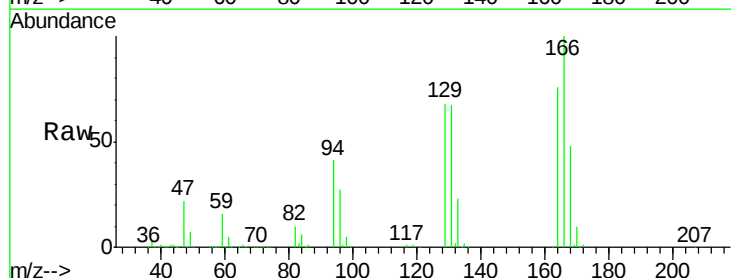
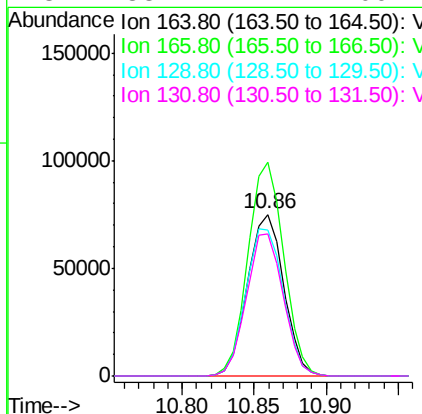
Manual Integrations
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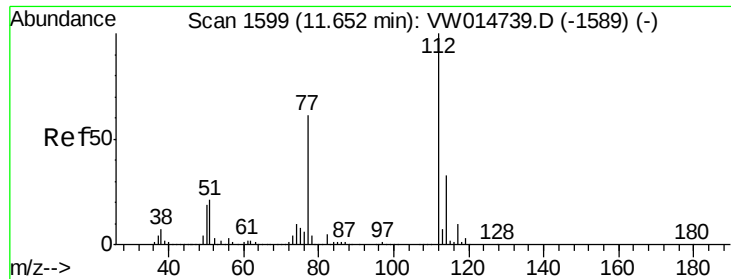
MMDadoda
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#64
Tetrachloroethene
Concen: 21.412 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.2	104.0	156.0
129	90.5	75.0	112.4
131	88.1	72.7	109.1





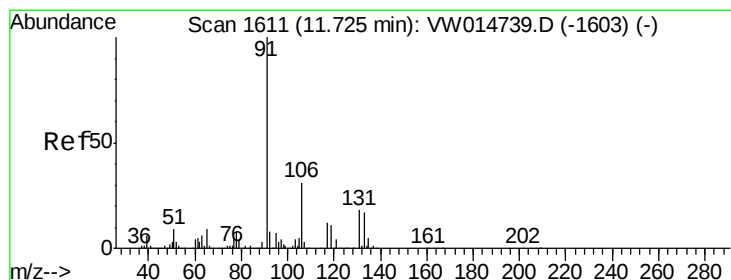
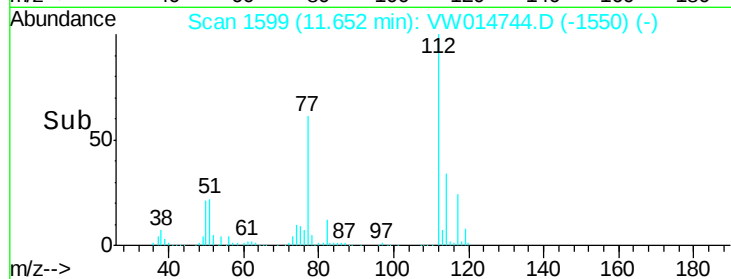
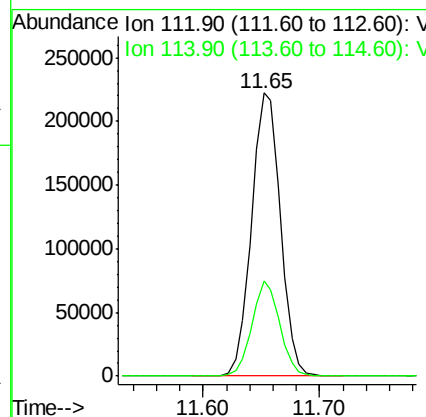
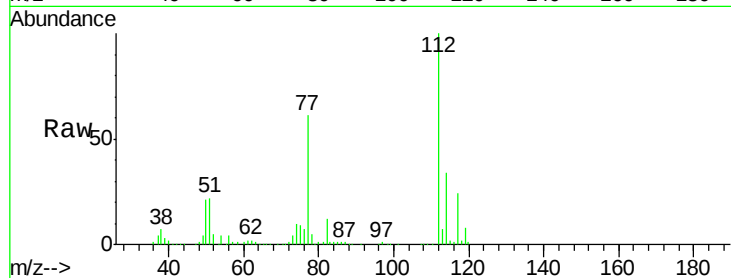
#65
Chlorobenzene
Concen: 21.553 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion:112 Resp: 384621
Ion Ratio Lower Upper
112 100
114 33.9 26.0 39.0

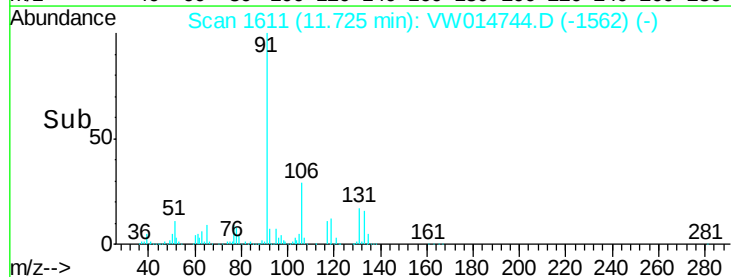
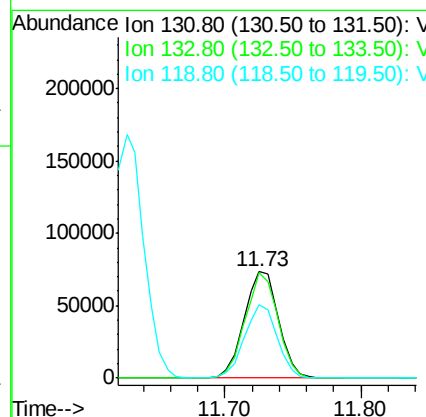
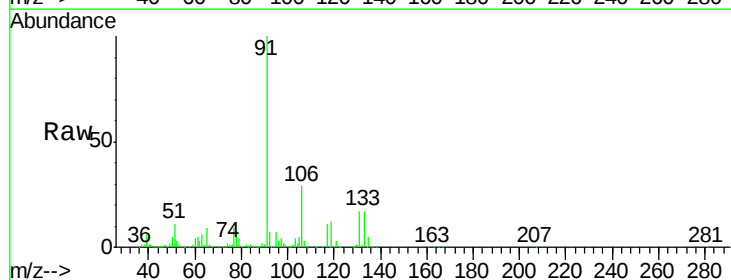
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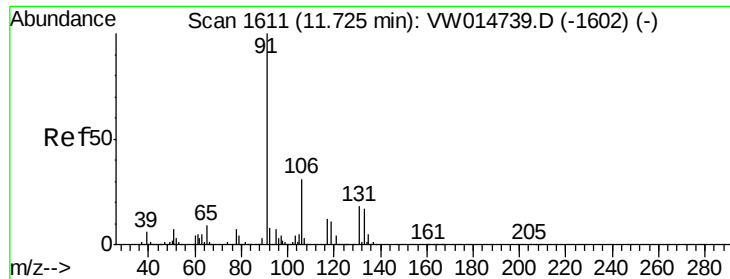
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.408 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion:131 Resp: 129385
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.2
119 66.1 33.0 98.9





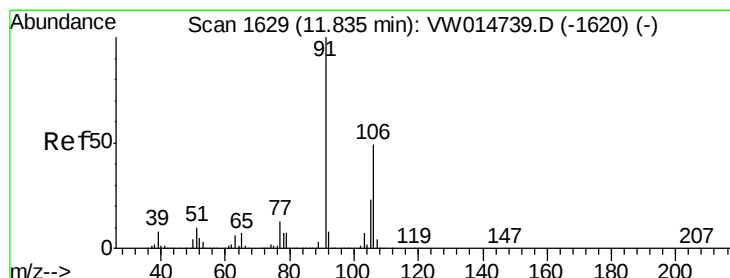
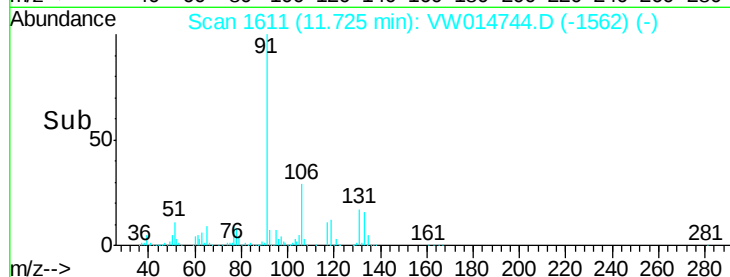
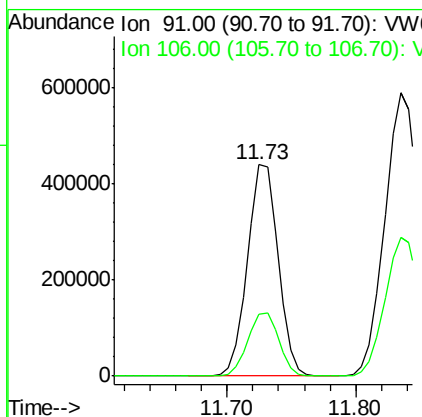
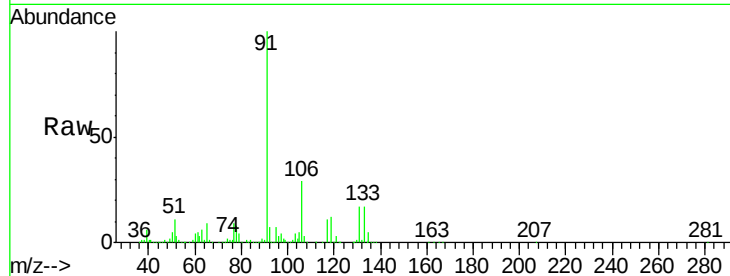
#67
Ethyl Benzene
Concen: 22.175 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion: 91 Resp: 720926
Ion Ratio Lower Upper
91 100
106 29.4 24.5 36.7

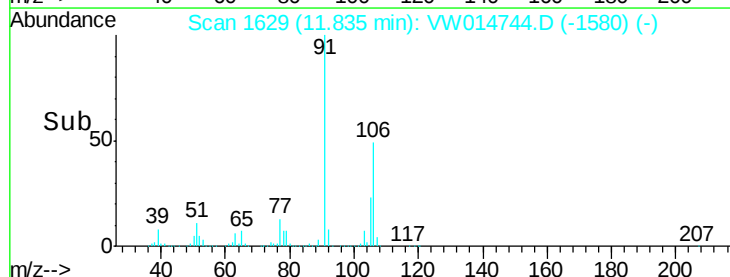
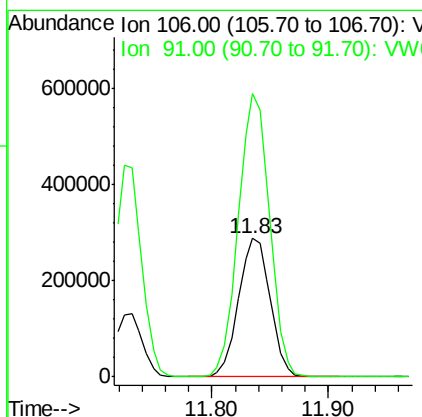
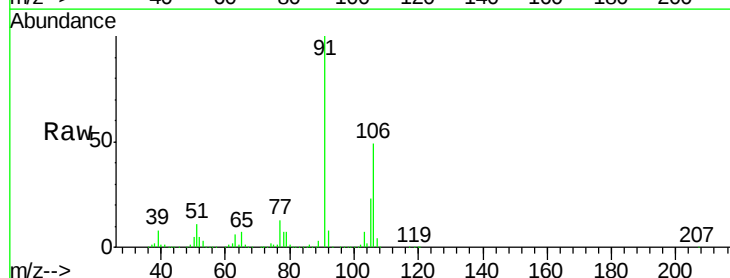
Manual Integrations
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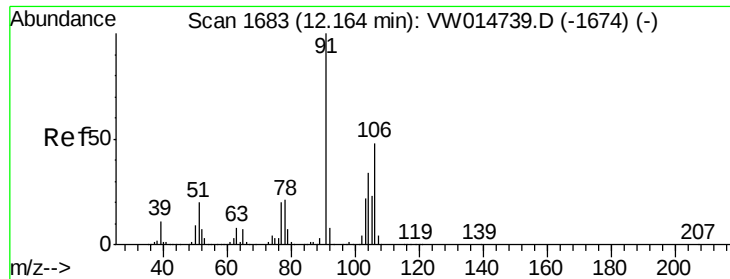
MMDadoda
1/27/2020 12:06:29 PM



#68
m/p-Xylenes
Concen: 44.416 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion: 106 Resp: 545862
Ion Ratio Lower Upper
106 100
91 201.6 161.4 242.0





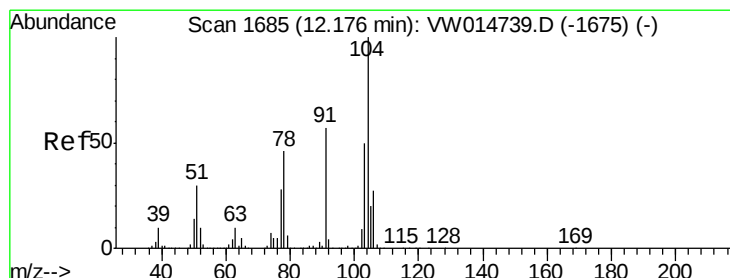
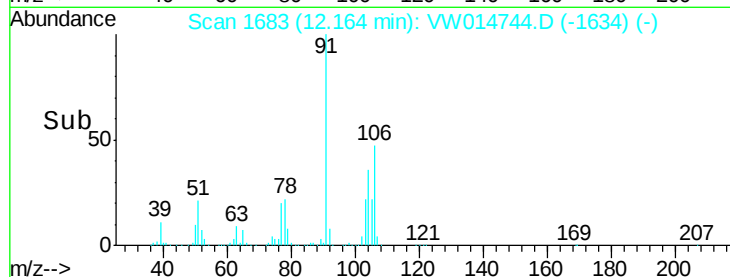
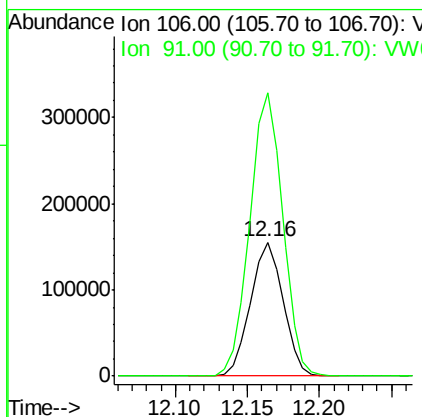
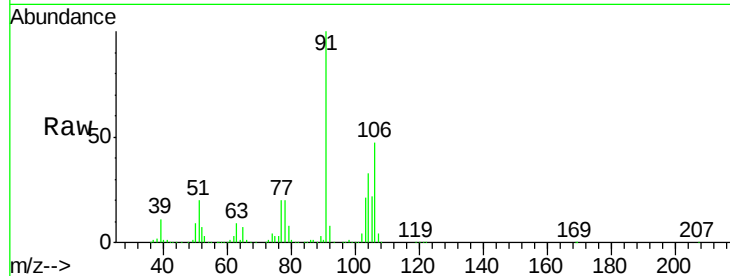
#69
o-Xylene
Concen: 22.016 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion:106 Resp: 244187
Ion Ratio Lower Upper
106 100
91 212.9 107.1 321.3

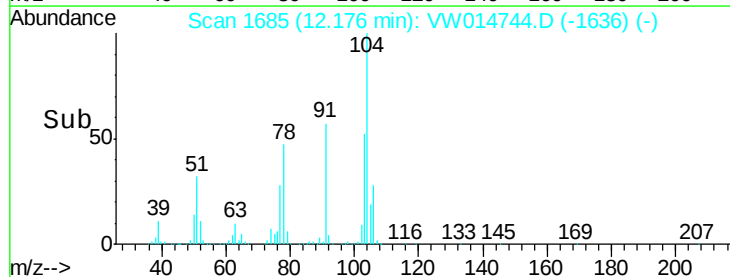
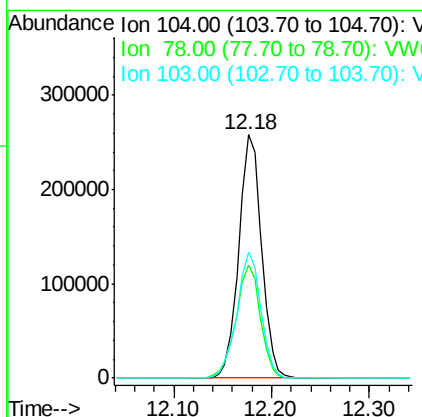
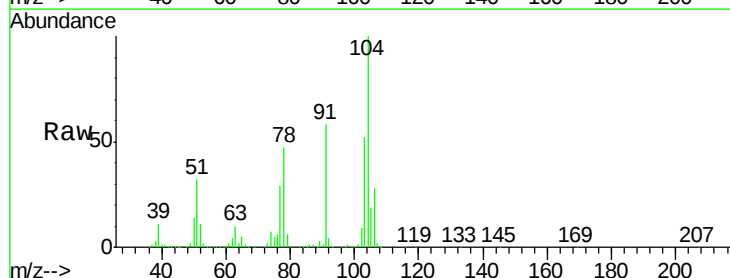
Manual Integrations
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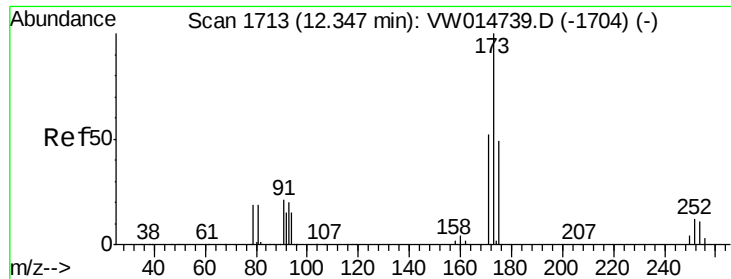
MMDadoda
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#70
Styrene
Concen: 21.925 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion:104 Resp: 418008
Ion Ratio Lower Upper
104 100
78 49.9 39.8 59.8
103 54.8 44.0 66.0





#71

Bromoform

Concen: 20.852 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

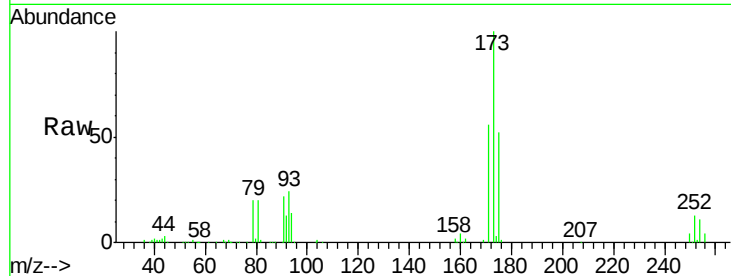
ClientSampleId :

VW0124SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.4	73.2
254	0.1	0.1	0.1

Manual Integrations
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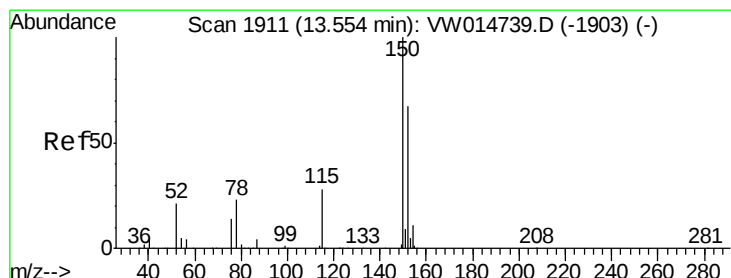
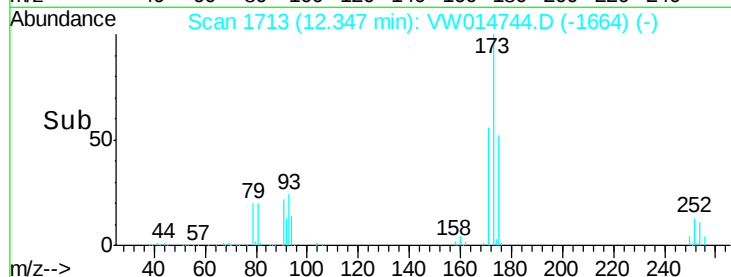
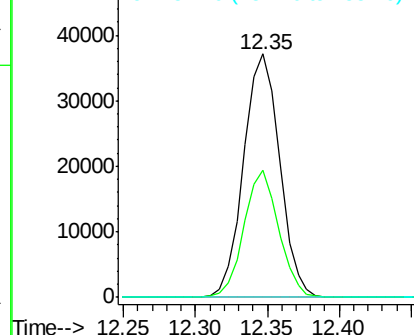


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

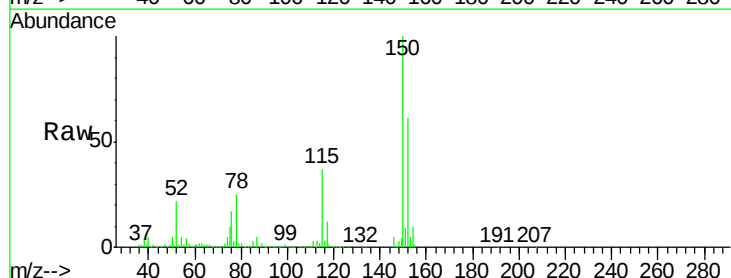
RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.0	87.1
150	166.1	0.0	354.0

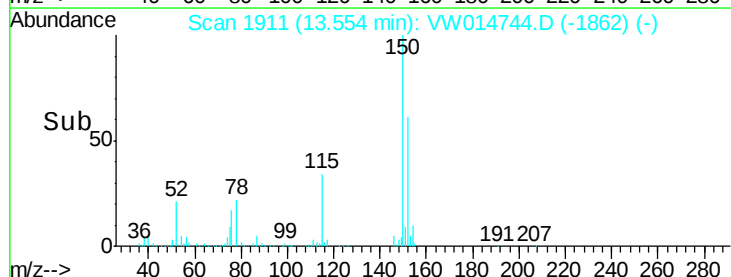
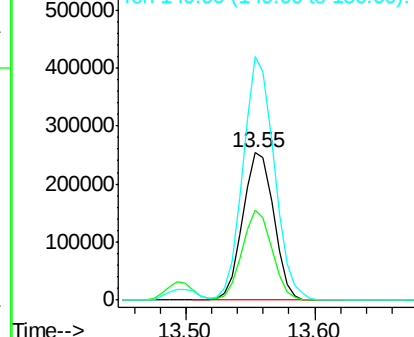


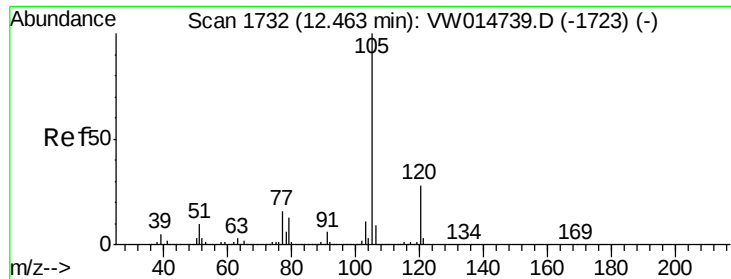
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





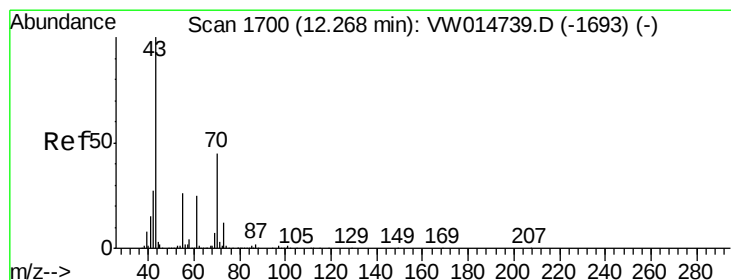
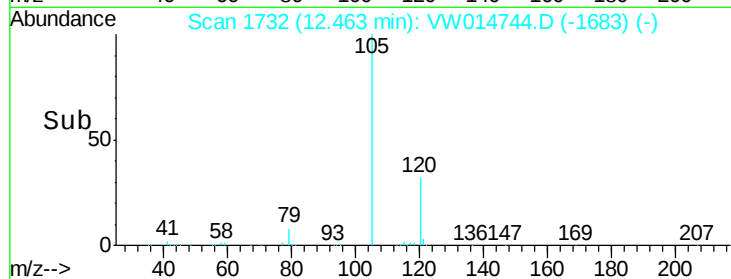
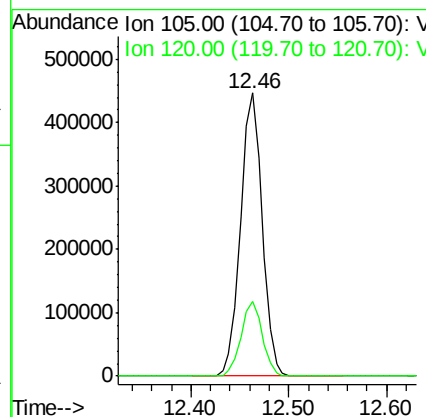
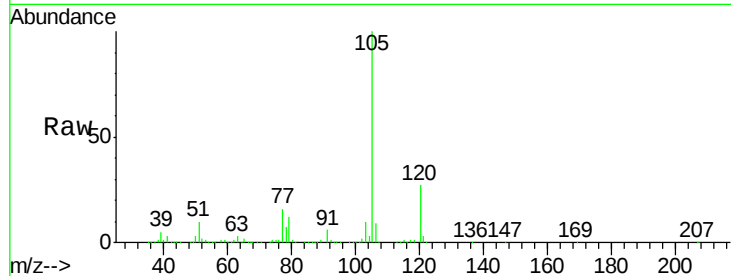
#73
Isopropylbenzene
Concen: 22.894 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.6	40.8

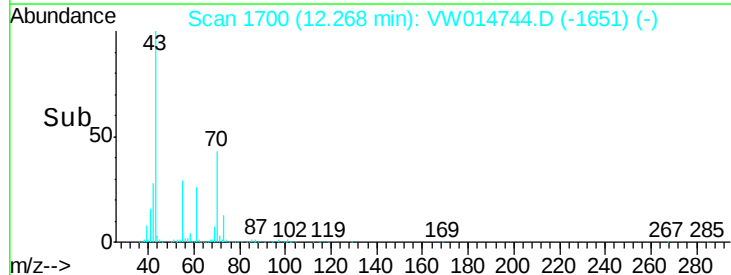
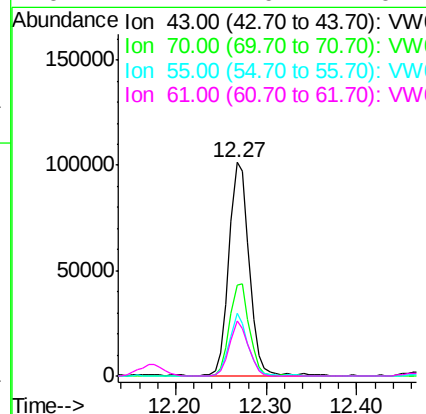
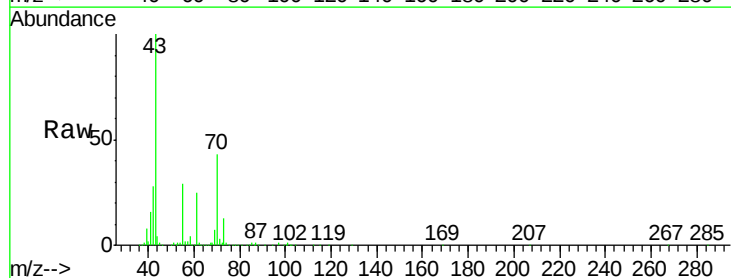
Manual Integrations
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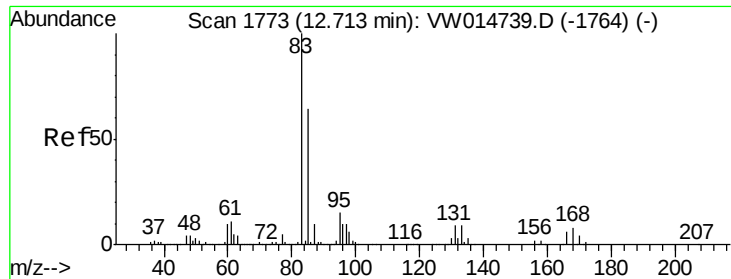
MMDadoda
1/27/2020 12:06:29 PM



#74
N-ethyl acetate
Concen: 22.072 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.0	34.6	52.0
55	26.3	20.6	30.8
61	24.1	19.4	29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.993 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

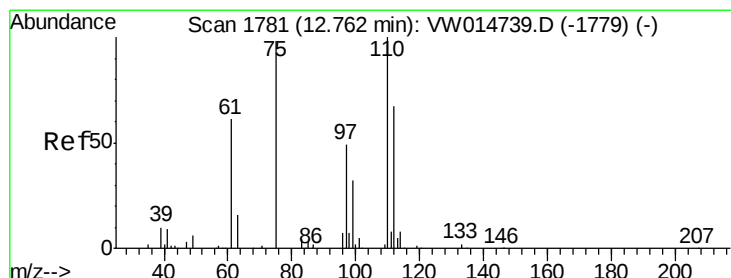
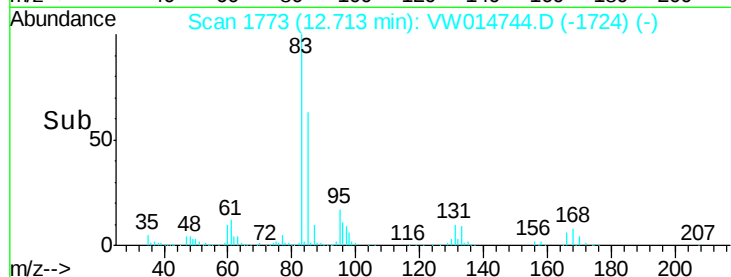
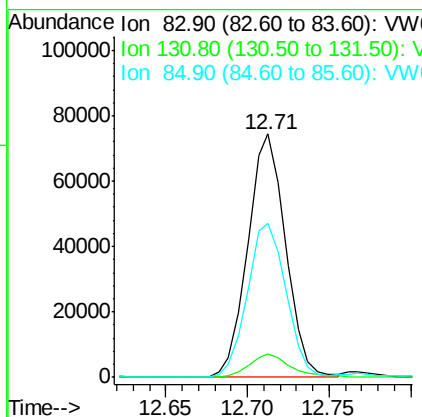
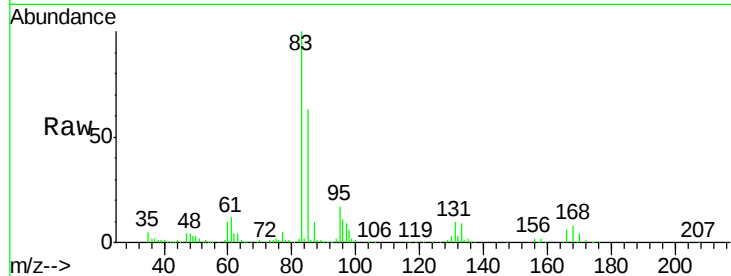
ClientSampled :

VW0124SBS01

Tot Ion:	83	Resp:	120324
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.9	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.017 ug/l m

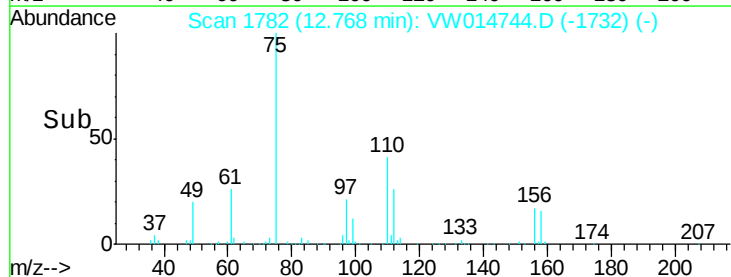
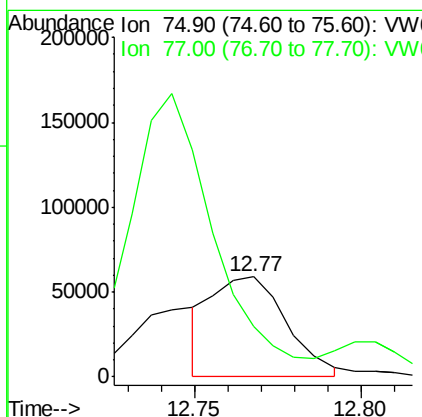
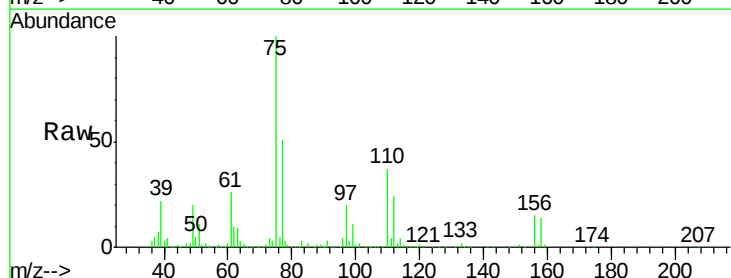
RT: 12.77 min Scan# 1782

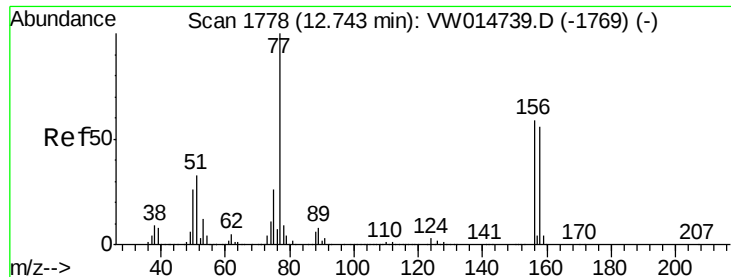
Delta R.T. 0.01 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Tgt Ion:	75	Resp:	92336
Ion Ratio	Lower	Upper	
75	100		
77	0.0	167.9	503.9#





#77

Bromobenzene

Concen: 21.792 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

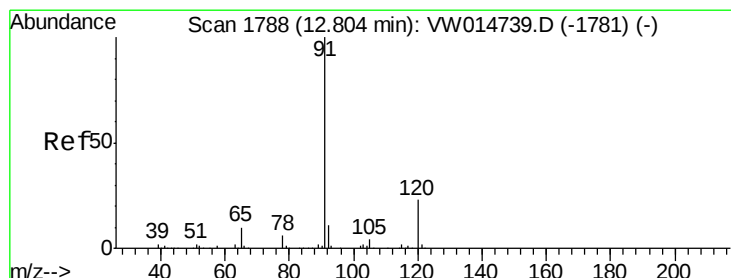
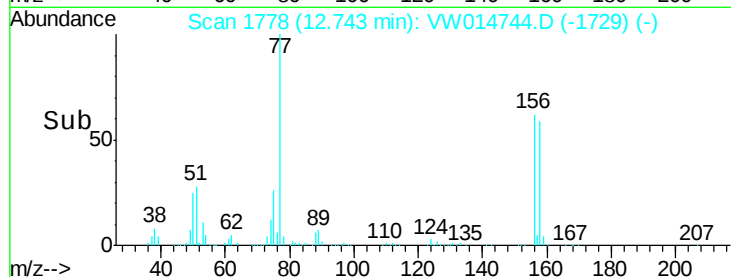
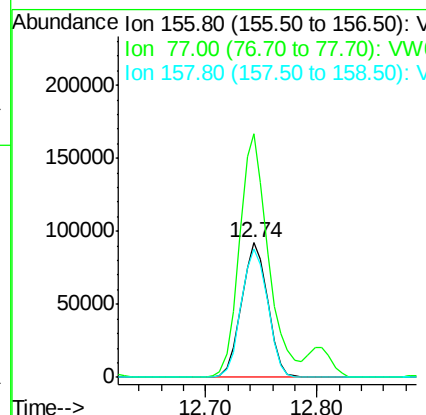
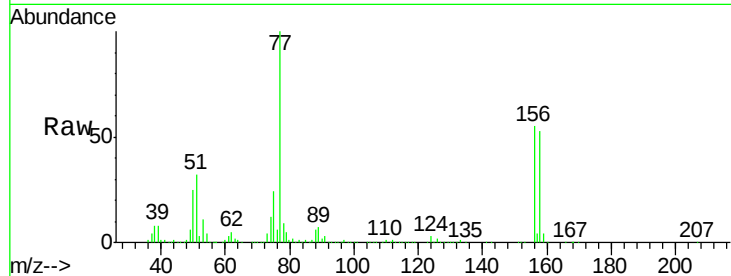
ClientSampled :

VW0124SBS01

Tot Ion:	156	Resp:	150194
Ion Ratio	Lower	Upper	
156	100		
77	199.1	94.5	283.5
158	96.7	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 22.855 ug/l

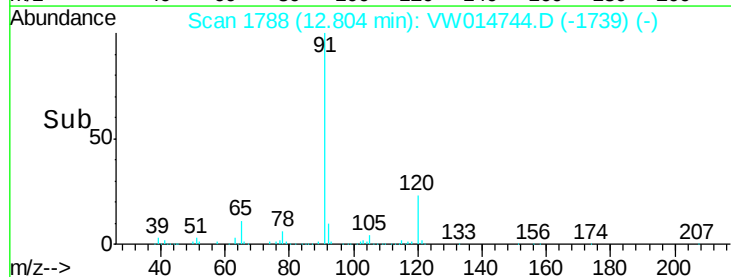
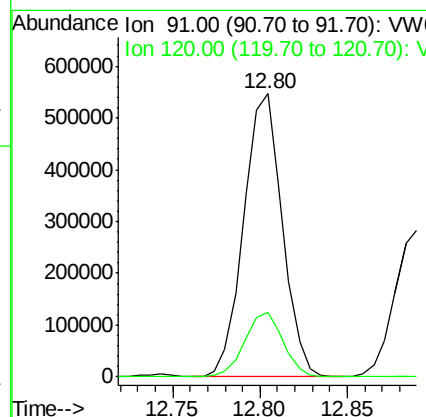
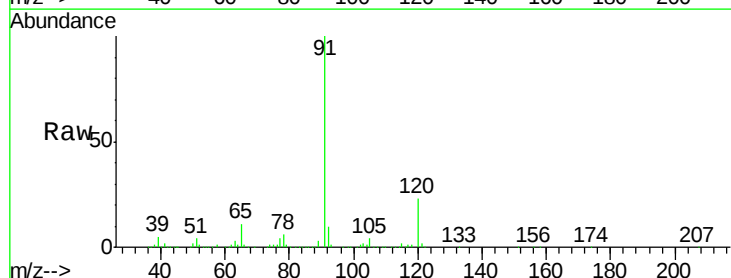
RT: 12.80 min Scan# 1788

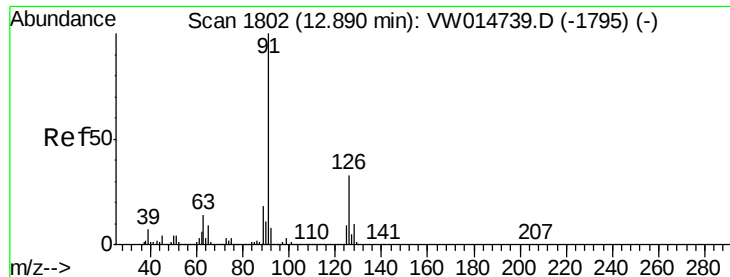
Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Tgt Ion:	91	Resp:	834515
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.3	33.9





#79

2-Chlorotoluene

Concen: 22.367 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

Tot Ion: 91 Resp: 462447

Ion Ratio Lower Upper

91 100

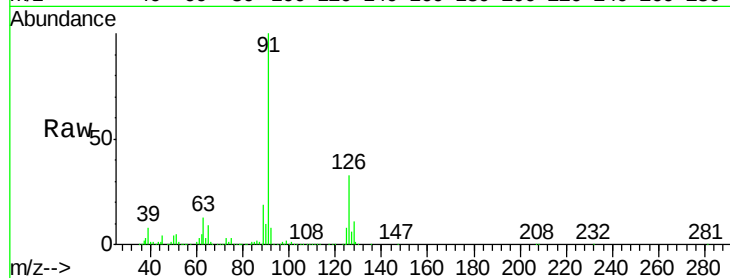
126 33.1 16.9 50.6

Manual Integrations

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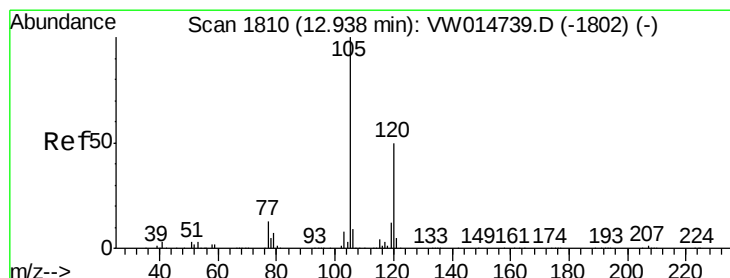
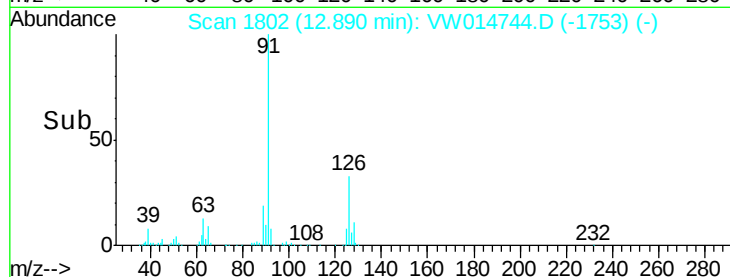
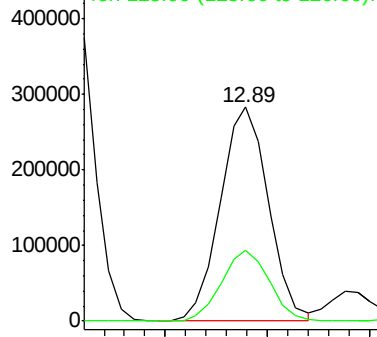
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.604 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014744.D

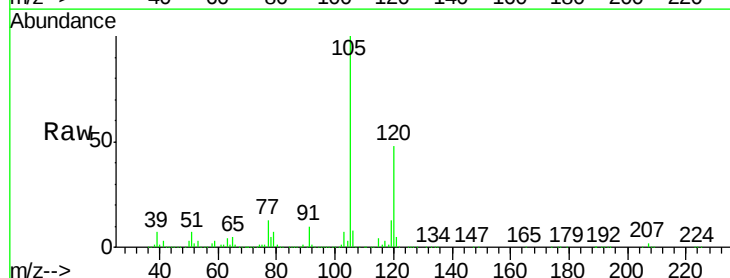
Acq: 24 Jan 2020 15:14

Tgt Ion:105 Resp: 576334

Ion Ratio Lower Upper

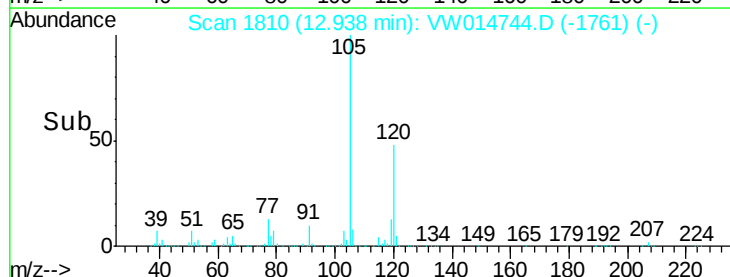
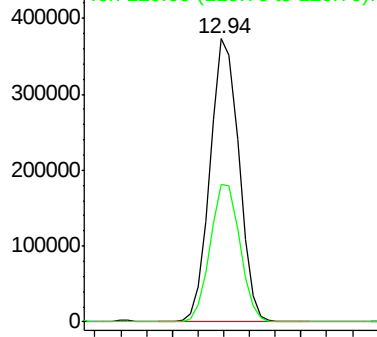
105 100

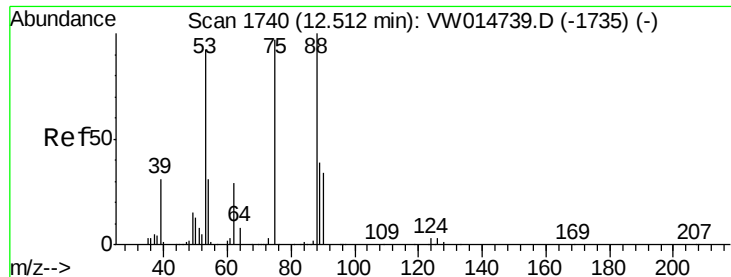
120 50.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





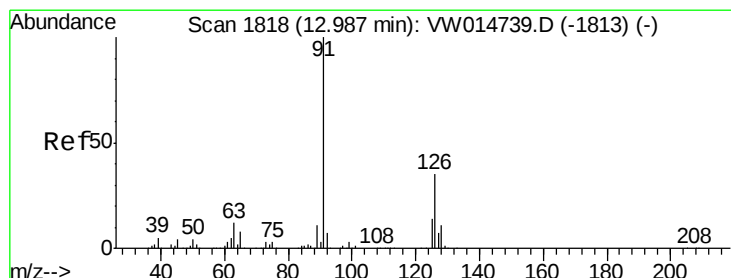
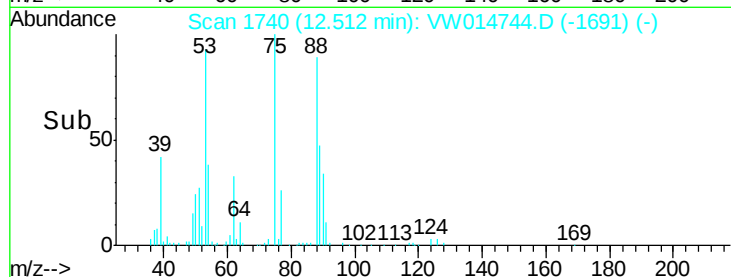
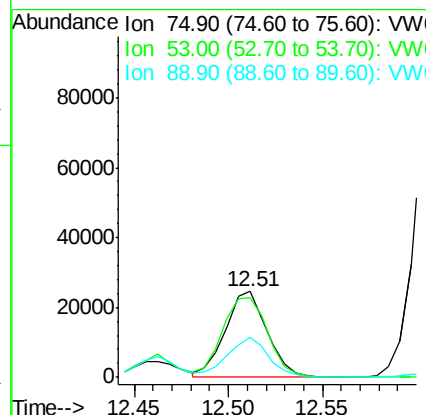
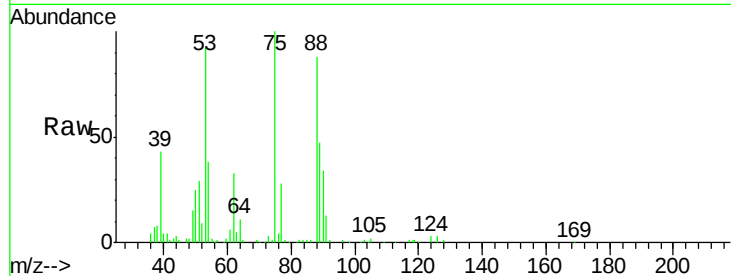
#81
trans-1,4-Dichloro-2-butene
Concen: 21.161 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.7	77.0	115.4
89	46.7	35.2	52.8

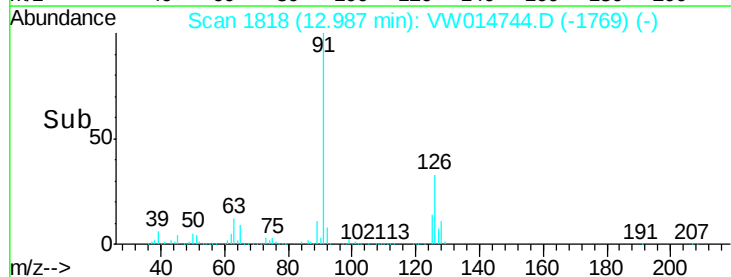
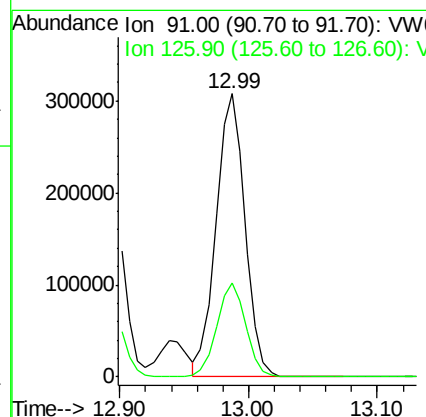
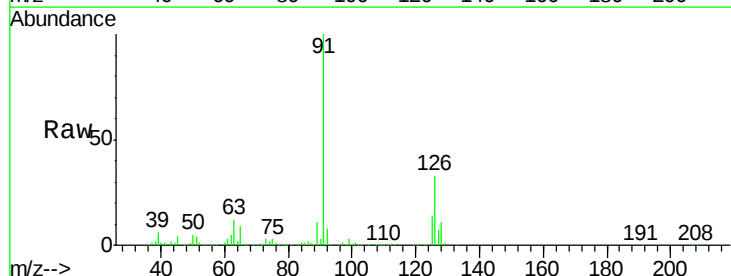
Manual Integrations
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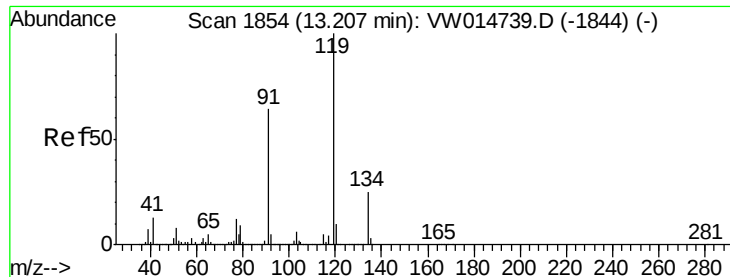
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#82
4-Chlorotoluene
Concen: 22.373 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.7	50.1





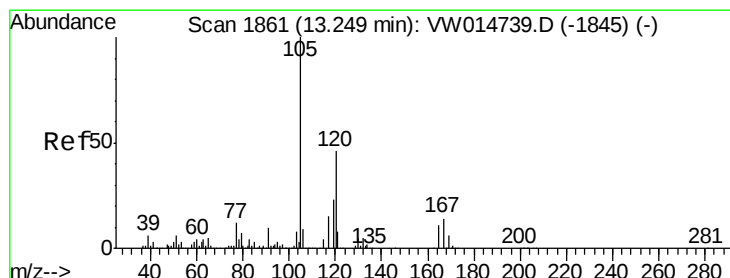
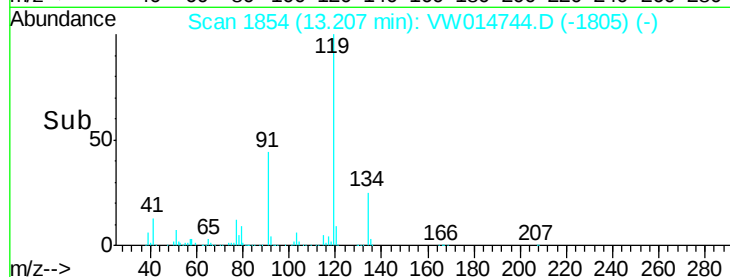
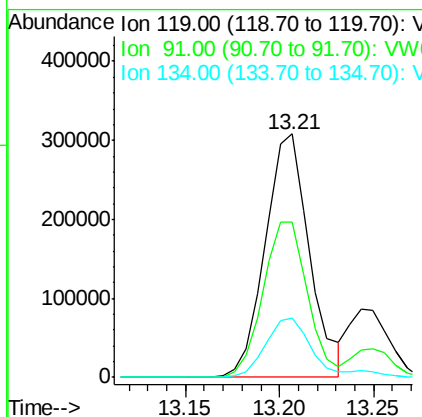
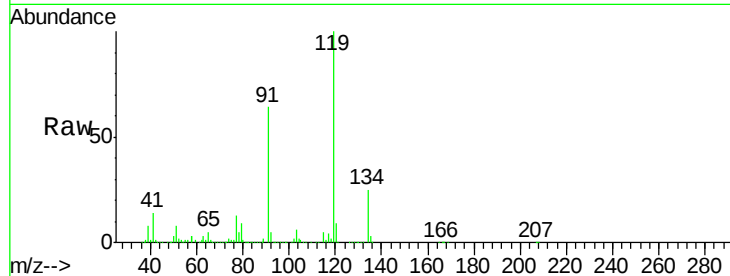
#83
tert-Butylbenzene
Concen: 22.724 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.4	32.1	96.3
134	26.5	13.4	40.2

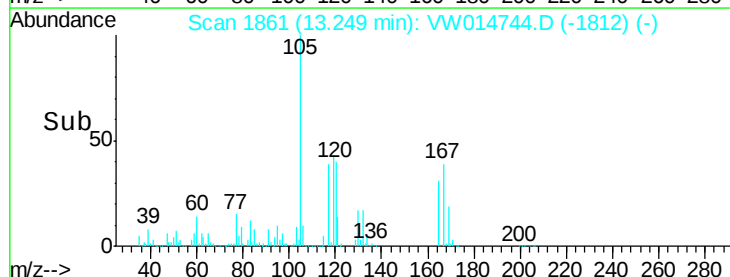
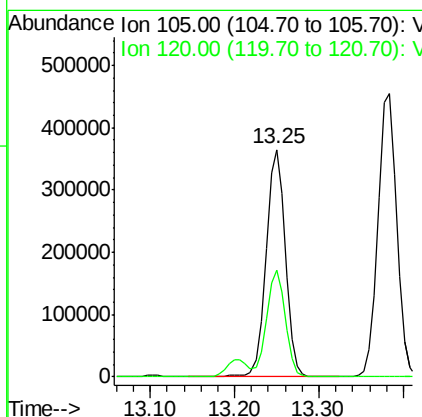
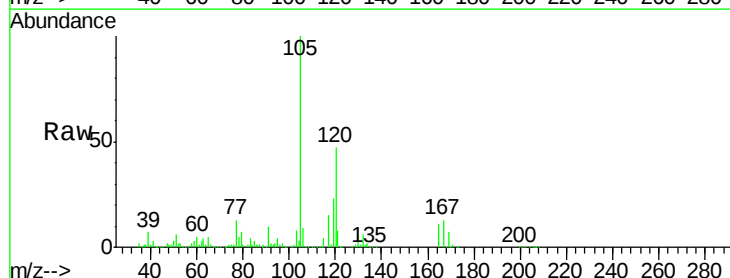
Manual Integrations
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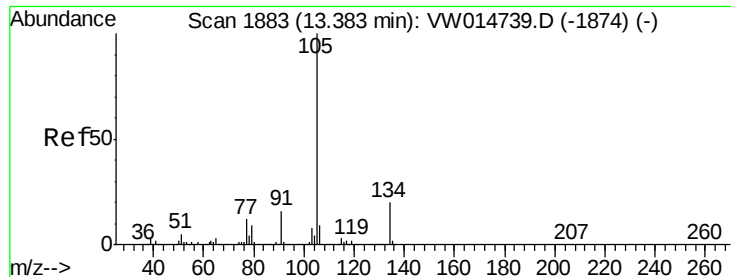
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 22.539 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.3	69.8





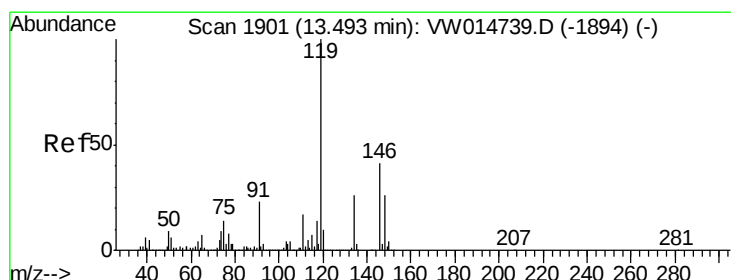
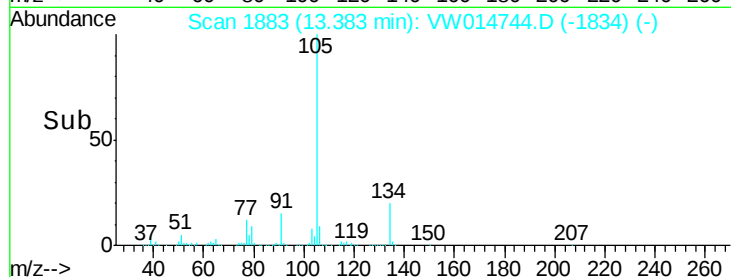
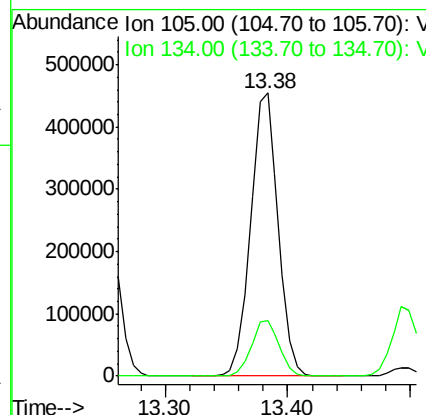
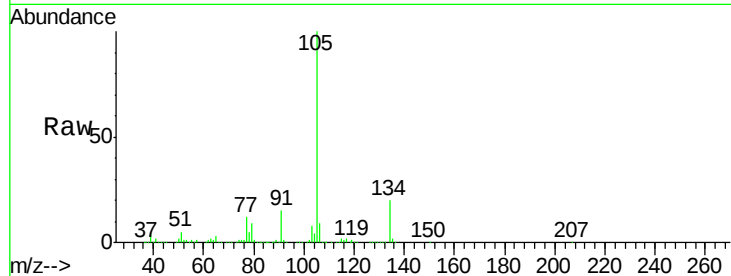
#85
 sec-Butylbenzene
 Concen: 22.737 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.1	30.1

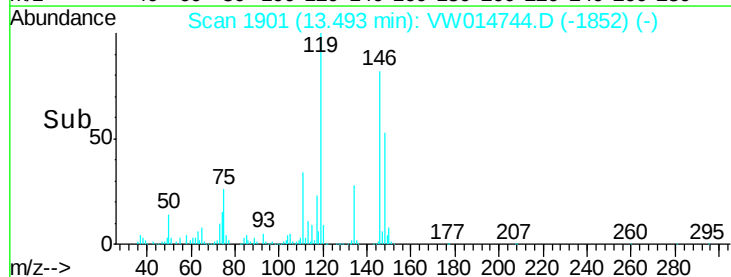
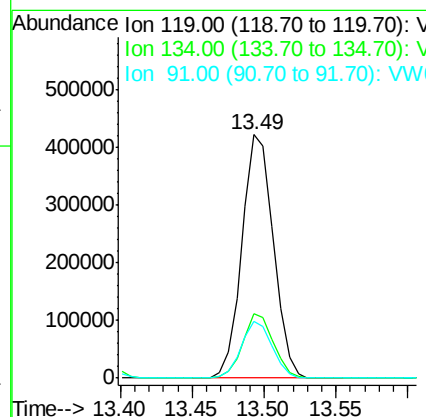
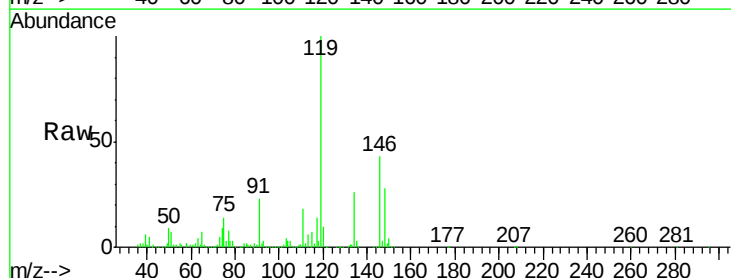
Manual Integrations
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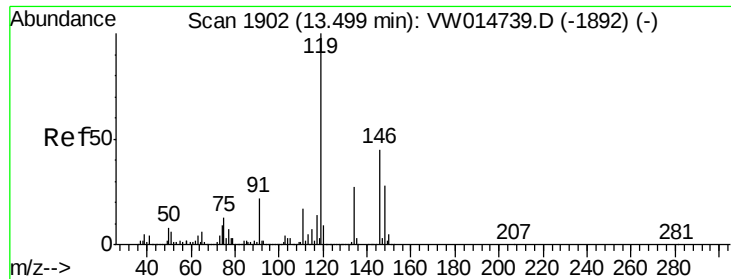
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#86
 p-Isopropyltoluene
 Concen: 22.654 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	38.9
91	23.1	11.4	34.2





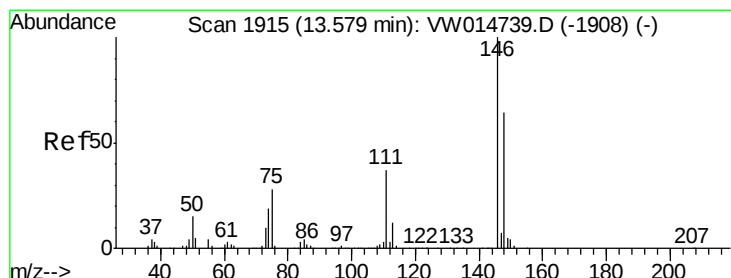
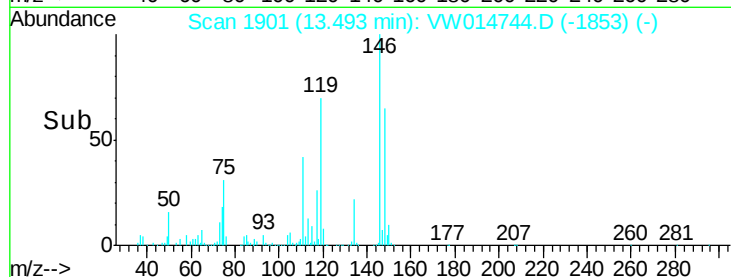
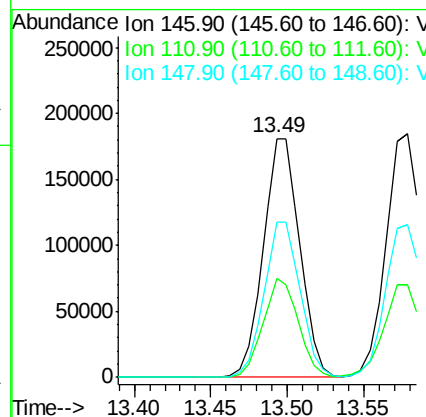
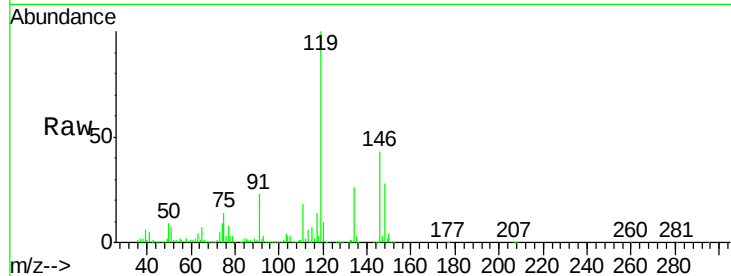
#87
1,3-Dichlorobenzene
Concen: 21.959 ug/l
RT: 13.49 min Scan# 1901
Delta R.T. -0.01 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	300353		
111	40.0	19.8	59.4	
148	64.5	31.6	95.0	

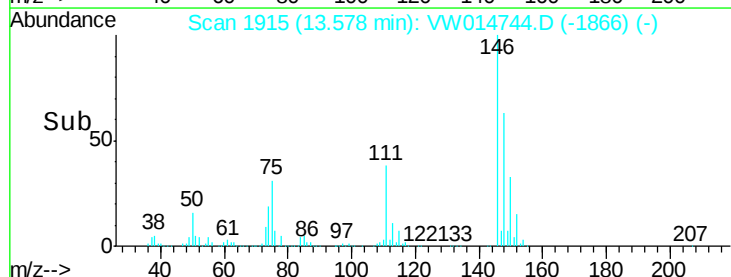
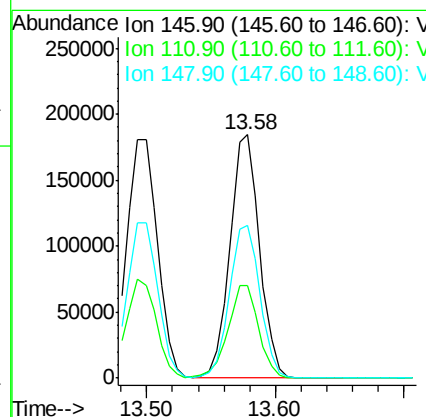
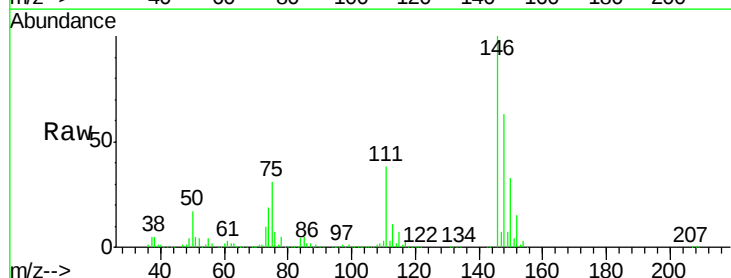
Manual Integrations
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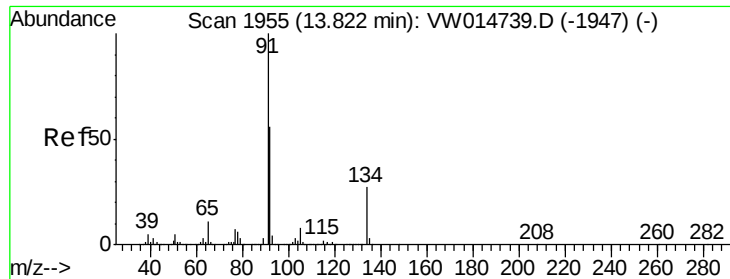
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#88
1,4-Dichlorobenzene
Concen: 21.999 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	296586		
111	39.6	19.4	58.4	
148	64.8	32.0	96.2	





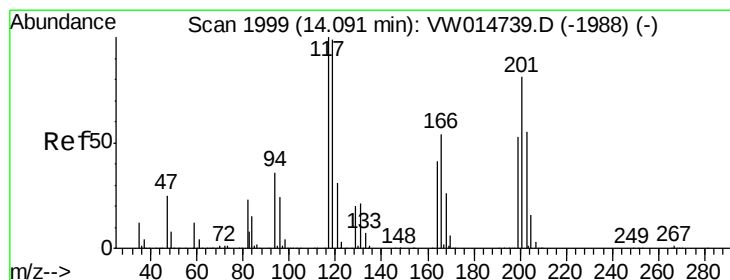
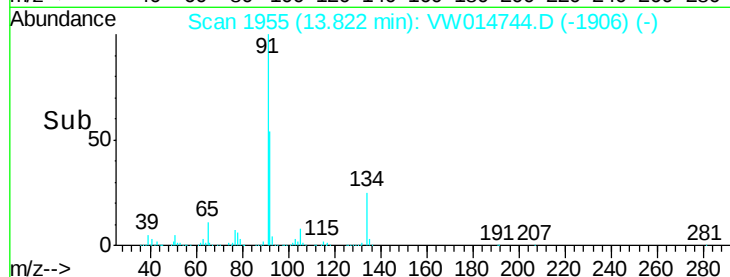
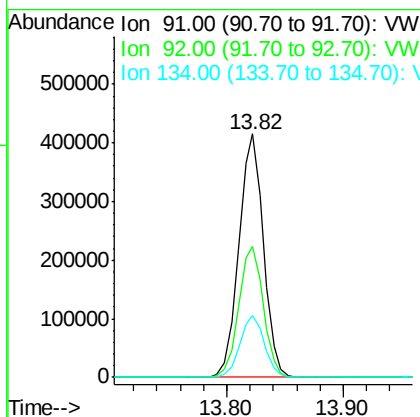
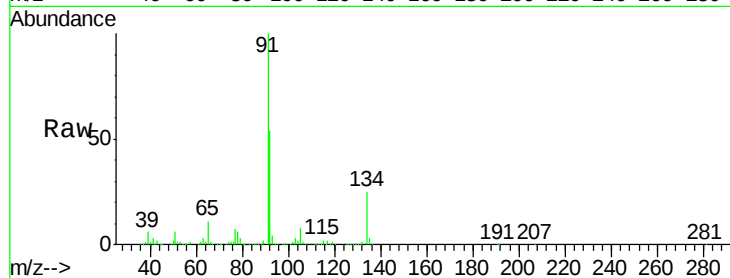
#89
n-Butylbenzene
Concen: 22.678 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.5	82.4
134	25.4	13.1	39.1

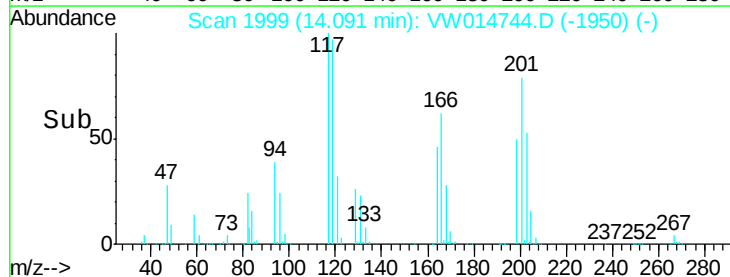
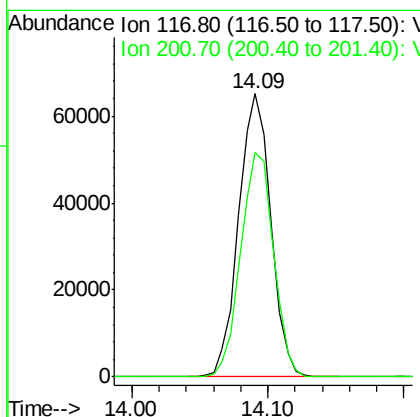
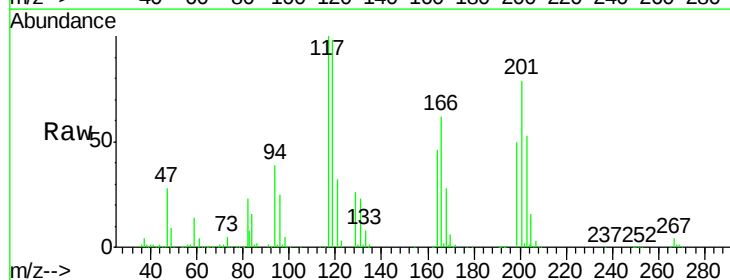
Manual Integrations
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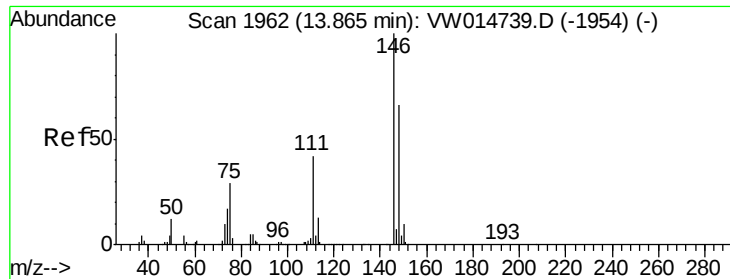
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#90
Hexachloroethane
Concen: 21.560 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.1	41.6	124.9





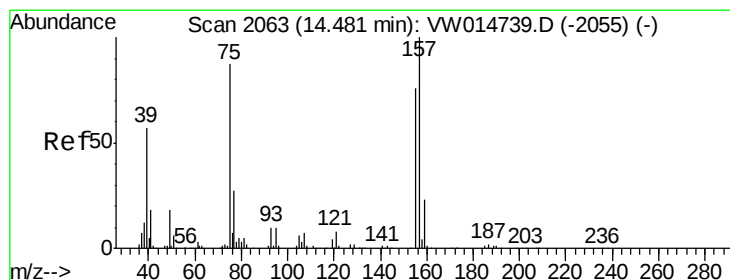
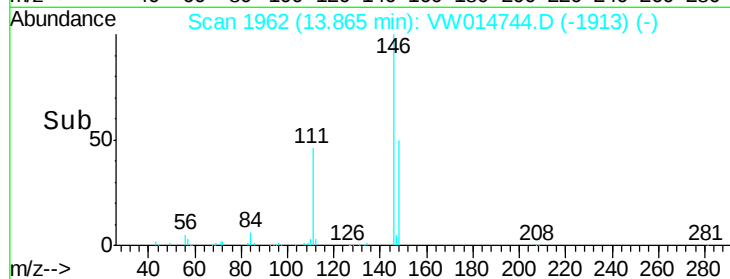
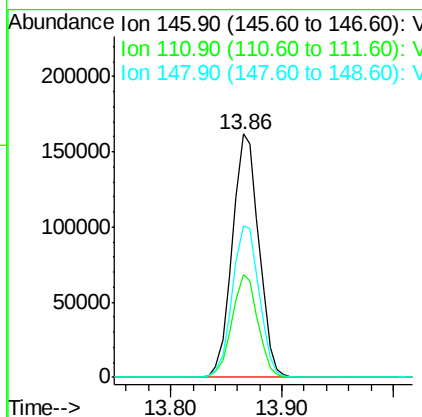
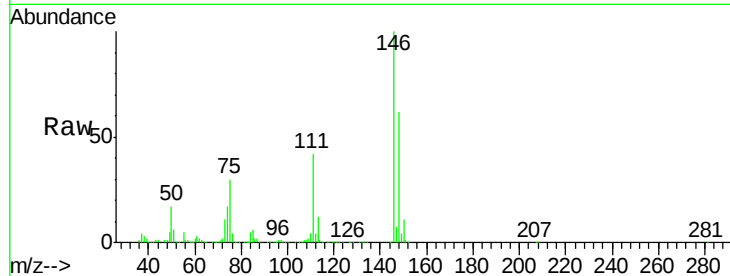
#91
 1,2-Dichlorobenzene
 Concen: 22.229 ug/l
 RT: 13.86 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.7	62.1
148	63.3	32.5	97.4

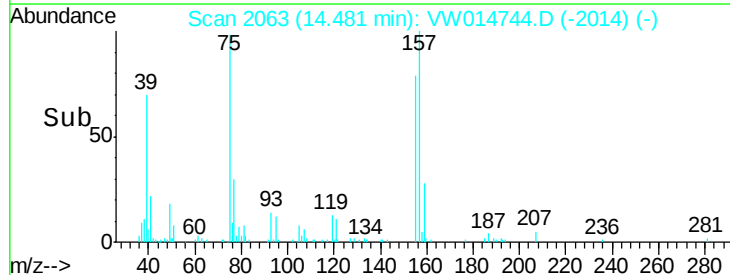
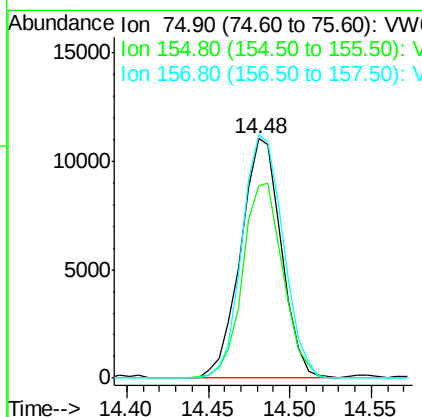
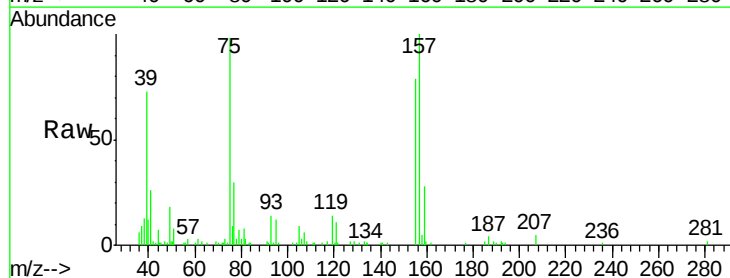
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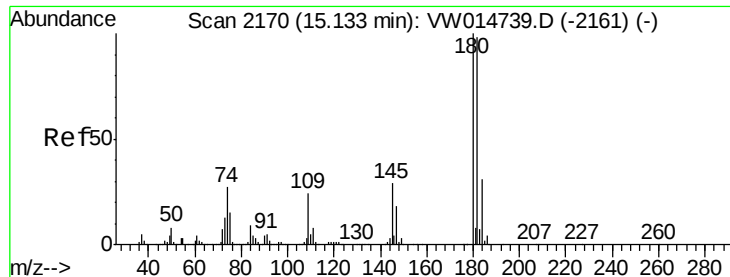
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.601 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.7	42.5	127.5
157	102.2	54.8	164.4





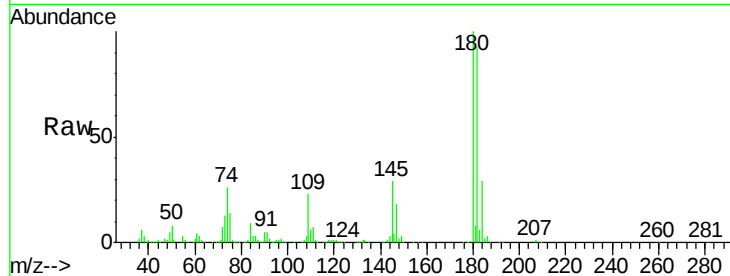
#93
 1,2,4-Trichlorobenzene
 Concen: 22.182 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

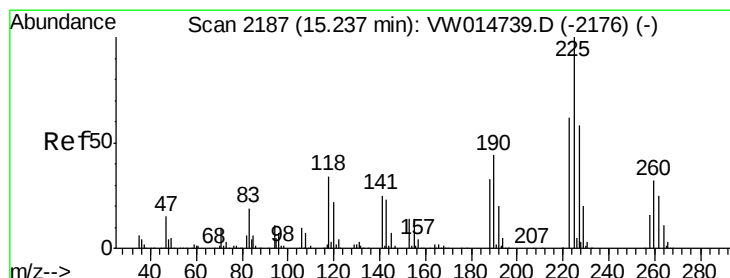
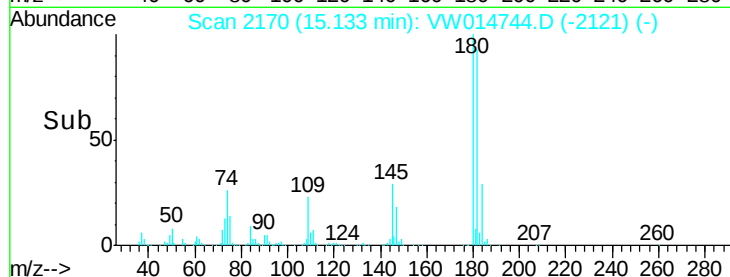
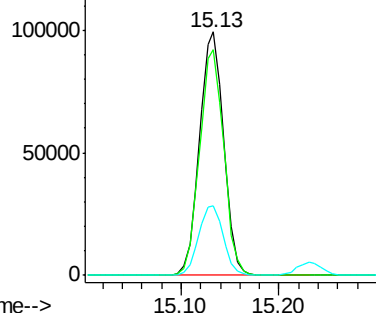
Tot Ion	Ratio	Resp	Lower	Upper
180	100	169174		
182	93.3	48.6	145.9	
145	29.2	14.7	44.1	

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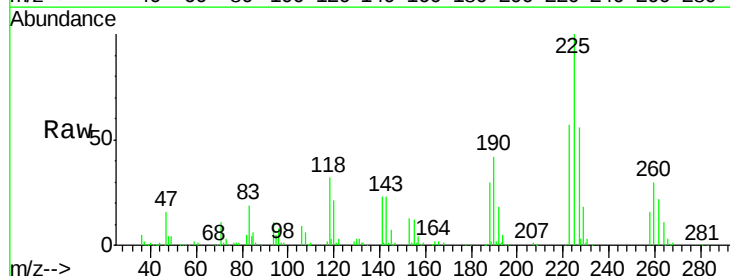


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

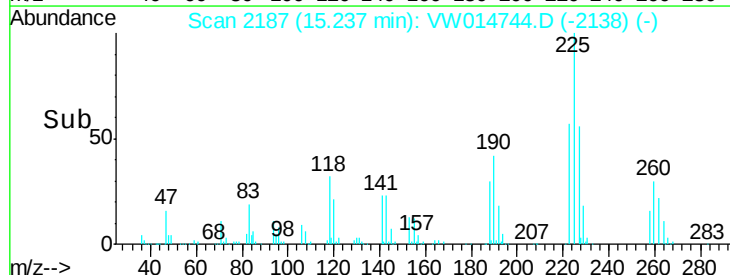
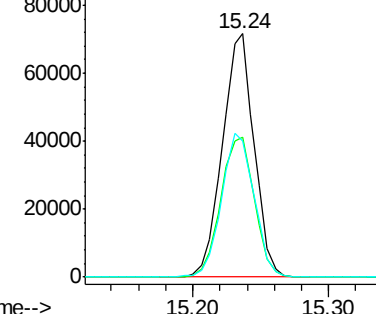


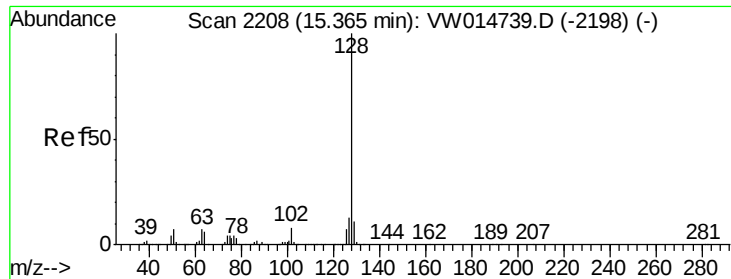
#94
 Hexachlorobutadiene
 Concen: 22.481 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	116972		
223	60.8	31.4	94.3	
227	60.8	30.9	92.8	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





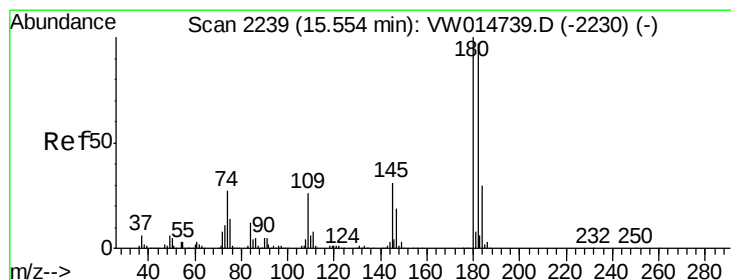
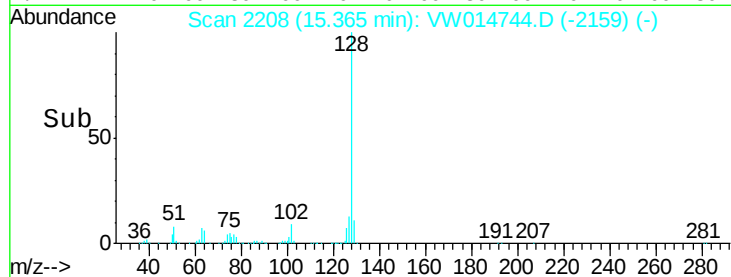
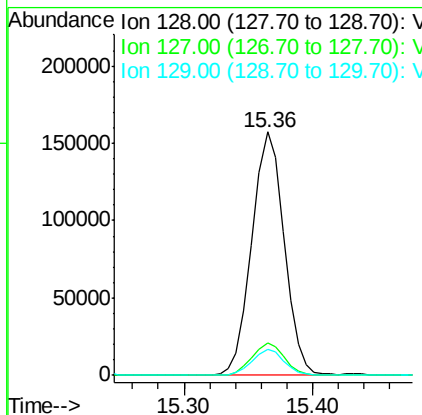
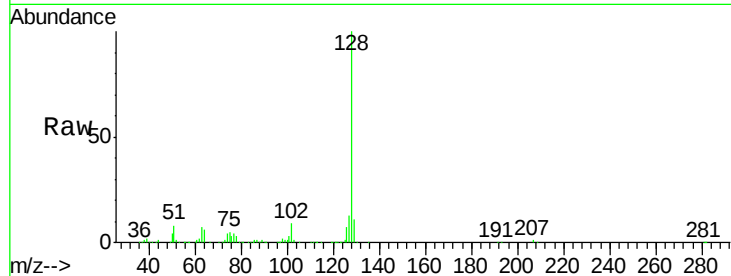
#95
Naphthalene
Concen: 19.894 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.7	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 22.297 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.2	141.6
145	30.2	15.4	46.4

