

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
 Data File : VW014745.D
 Acq On : 24 Jan 2020 15:40
 Operator : SY/VA
 Sample : VW0124SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 12:06:33 PM

Quant Time: Jan 25 06:18:25 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	748905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1141508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	968299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	467388	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	355528	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
35) Dibromofluoromethane	7.88	113	328255	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	10.32	98	1393783	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.62	95	455845	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	94224	20.320	ug/l	97
3) Chloromethane	2.21	50	134837	20.428	ug/l	98
4) Vinyl Chloride	2.35	62	198710	19.820	ug/l	97
5) Bromomethane	2.76	94	113216	20.269	ug/l	93
6) Chloroethane	2.92	64	113919	20.505	ug/l	98
7) Trichlorofluoromethane	3.25	101	94844	19.704	ug/l	98
8) Diethyl Ether	3.67	74	74917	19.746	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	150251	19.737	ug/l	99
10) Methyl Iodide	4.27	142	202343	19.206	ug/l	99
11) Tert butyl alcohol	5.16	59	54284	104.737	ug/l	97
12) 1,1-Dichloroethene	4.04	96	154452	19.998	ug/l	89
13) Acrolein	3.88	56	58464	101.242	ug/l	98
14) Allyl chloride	4.66	41	260345	20.524	ug/l	98
15) Acrylonitrile	5.36	53	182120	101.135	ug/l	99
16) Acetone	4.11	43	179331	98.926	ug/l	96
17) Carbon Disulfide	4.38	76	486589	19.760	ug/l	96
18) Methyl Acetate	4.66	43	81681	20.127	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	194181	20.088	ug/l	96
20) Methylene Chloride	4.91	84	170217	19.260	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	164309	20.063	ug/l	95
22) Diisopropyl ether	6.31	45	484231	20.785	ug/l	99
23) Vinyl Acetate	6.24	43	1418118	102.675	ug/l	99
24) 1,1-Dichloroethane	6.21	63	294696	20.145	ug/l	99
25) 2-Butanone	7.16	43	242303	101.554	ug/l	100
26) 2,2-Dichloropropane	7.16	77	168396	20.656	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	171000	20.399	ug/l	99
28) Bromochloromethane	7.51	49	103500	18.340	ug/l	97
29) Tetrahydrofuran	7.52	42	151339	100.273	ug/l	99
30) Chloroform	7.67	83	272311	20.158	ug/l	99
31) Cyclohexane	7.95	56	304585	20.290	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	222898	20.321	ug/l	100
36) 1,1-Dichloropropene	8.08	75	239994	20.733	ug/l	99
37) Ethyl Acetate	7.24	43	105783	20.560	ug/l	99
38) Carbon Tetrachloride	8.07	117	205910	20.425	ug/l	96

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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	287776	20.660	ug/l	99
40) Benzene	8.32	78	662673	20.500	ug/l	100
41) Methacrylonitrile	7.48	41	56575	20.096	ug/l	99
42) 1,2-Dichloroethane	8.40	62	174892	20.134	ug/l	100
43) Isopropyl Acetate	8.42	43	189973	20.396	ug/l	99
44) Trichloroethene	9.09	130	169617	20.563	ug/l	97
45) 1,2-Dichloropropane	9.37	63	162194	20.225	ug/l	99
46) Dibromomethane	9.46	93	75165	19.777	ug/l	100
47) Bromodichloromethane	9.64	83	191885	19.730	ug/l	100
48) Methyl methacrylate	9.43	41	92787	21.136	ug/l	92
49) 1,4-Dioxane	9.44	88	24897	361.673	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	498576	102.804	ug/l	100
52) Toluene	10.38	92	407752	20.661	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	192880	19.920	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	235497	19.855	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	108031	19.860	ug/l	97
56) Ethyl methacrylate	10.64	69	138984	19.825	ug/l	99
57) 1,3-Dichloropropane	10.93	76	197980	20.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	202691	89.924	ug/l	99
59) 2-Hexanone	10.96	43	337325	103.218	ug/l	99
60) Dibromochloromethane	11.12	129	120109	19.757	ug/l	97
61) 1,2-Dibromoethane	11.23	107	100760	19.799	ug/l	98
64) Tetrachloroethene	10.86	164	139770	20.844	ug/l	97
65) Chlorobenzene	11.65	112	404803	20.663	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.72	131	136681	20.600	ug/l	98
67) Ethyl Benzene	11.73	91	754793	21.147	ug/l	99
68) m/p-Xylenes	11.83	106	566321	41.974	ug/l	99
69) o-Xylene	12.16	106	256244	21.044	ug/l	99
70) Styrene	12.18	104	435872	20.824	ug/l	100
71) Bromoform	12.35	173	68760	20.227	ug/l #	100
73) Isopropylbenzene	12.46	105	712482	21.483	ug/l	99
74) N-amyl acetate	12.27	43	164145	20.781	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	127475	21.058	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	96927m	20.887	ug/l	
77) Bromobenzene	12.74	156	160035	20.985	ug/l	98
78) n-propylbenzene	12.80	91	873140	21.612	ug/l	100
79) 2-Chlorotoluene	12.89	91	485163	21.208	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	604726	21.435	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	40356	20.582	ug/l	99
82) 4-Chlorotoluene	12.99	91	506385	21.169	ug/l	99
83) tert-Butylbenzene	13.20	119	515406	21.115	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	600206	21.289	ug/l	100
85) sec-Butylbenzene	13.38	105	729799	21.232	ug/l	100
86) p-Isopropyltoluene	13.49	119	660619	21.217	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	310351	20.507	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	306321	20.534	ug/l	99
89) n-Butylbenzene	13.82	91	634929	21.378	ug/l	98
90) Hexachloroethane	14.09	117	111511	20.184	ug/l	97
91) 1,2-Dichlorobenzene	13.86	146	271732	20.471	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20651	21.054	ug/l	94

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ClientSampleId :
VW0124SBSD01

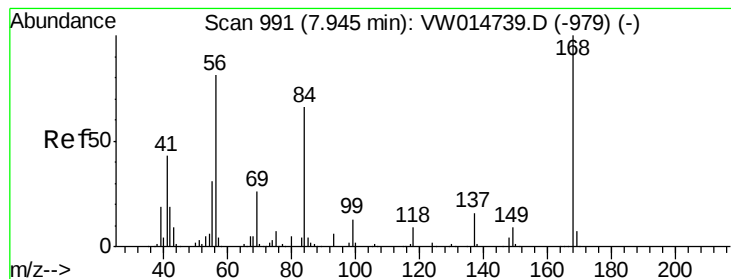
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	174869	20.722	ug/l	99
94) Hexachlorobutadiene	15.23	225	115768	20.109	ug/l	98
95) Naphthalene	15.36	128	287945	19.003	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	148229	20.519	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: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

Tot Ion:168 Resp: 748905

Ion Ratio Lower Upper

168 100

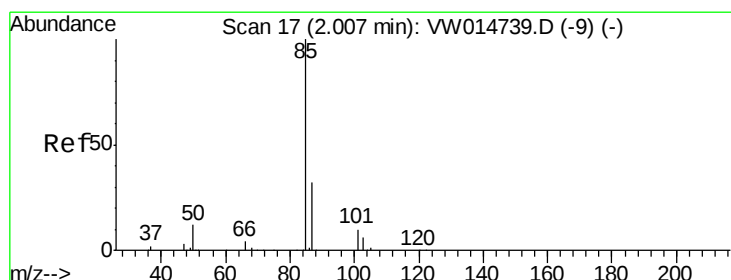
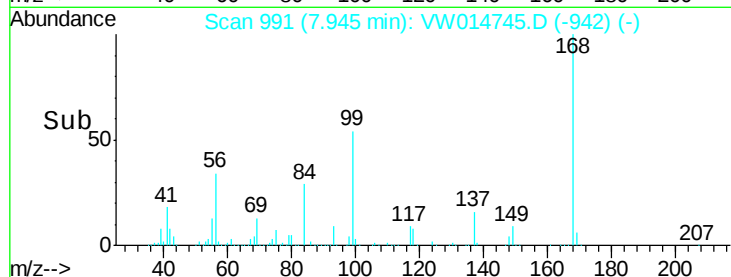
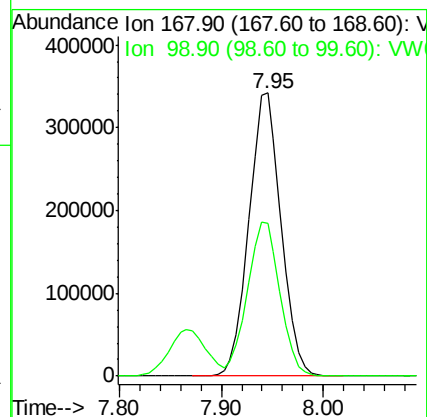
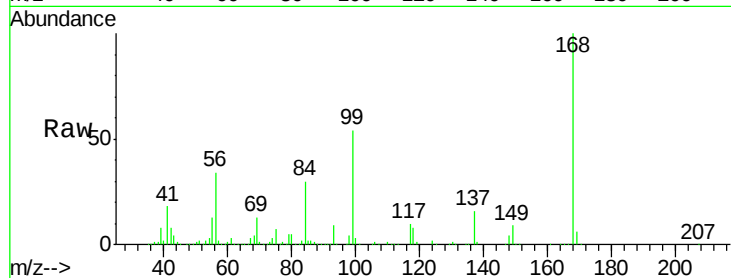
99 53.7 42.6 64.0

Manual Integrations

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MMDadoda

1/27/2020 12:06:33 PM



#2

Dichlorodifluoromethane

Concen: 20.320 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014745.D

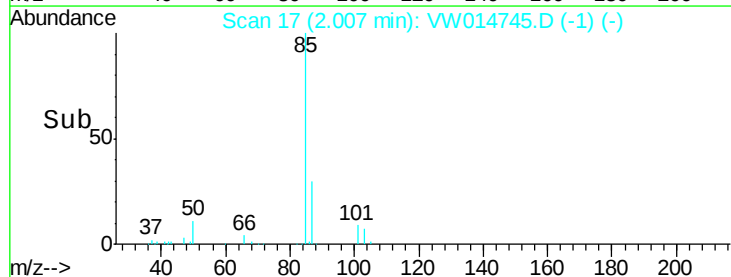
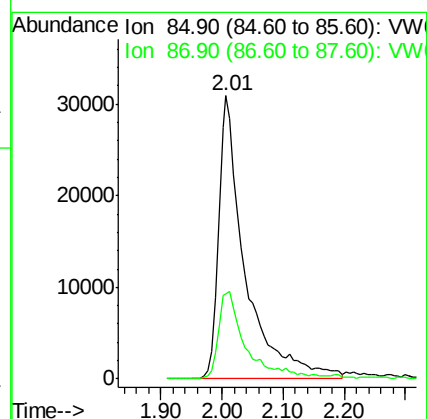
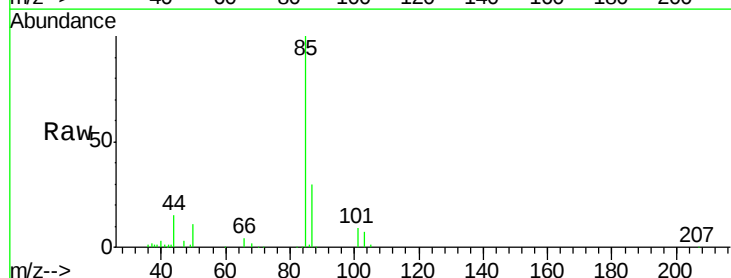
Acq: 24 Jan 2020 15:40

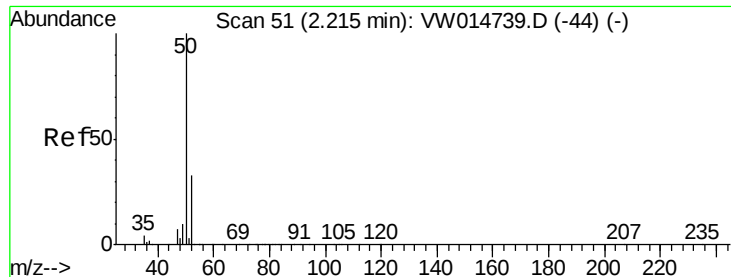
Tgt Ion: 85 Resp: 94224

Ion Ratio Lower Upper

85 100

87 30.0 16.0 47.9





#3

Chloromethane

Concen: 20.428 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

Tot Ion: 50 Resp: 134837

Ion Ratio Lower Upper

50 100

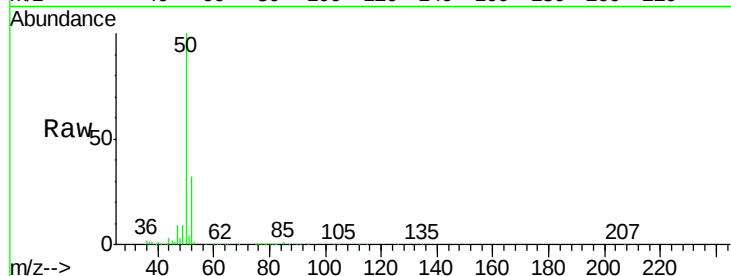
52 32.5 26.7 40.1

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

100000

80000

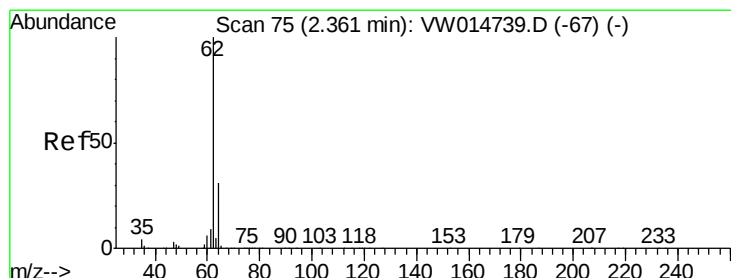
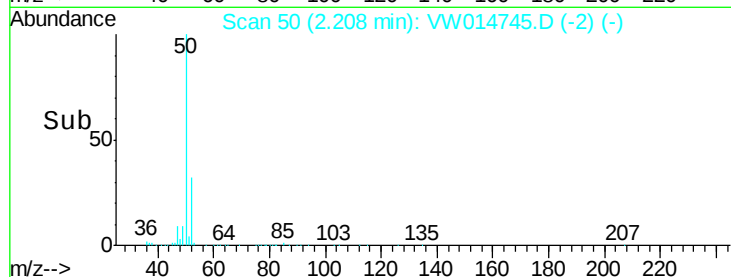
60000

40000

20000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 19.820 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW014745.D

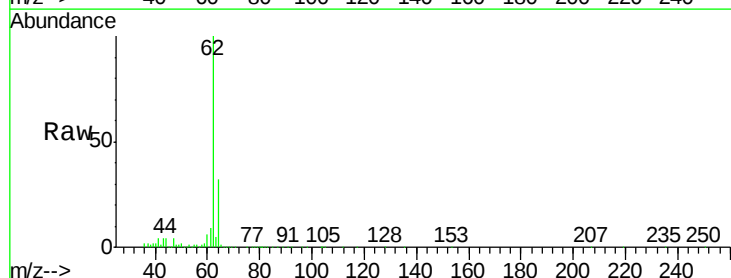
Acq: 24 Jan 2020 15:40

Tgt Ion: 62 Resp: 198710

Ion Ratio Lower Upper

62 100

64 32.4 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

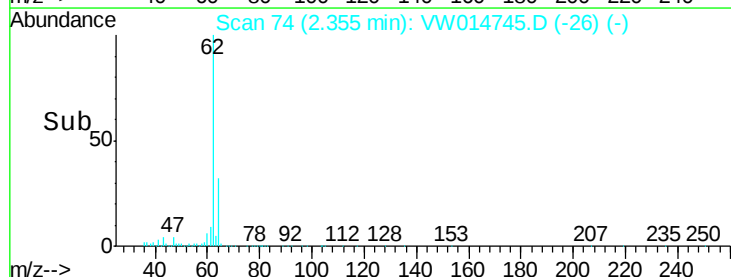
2.35

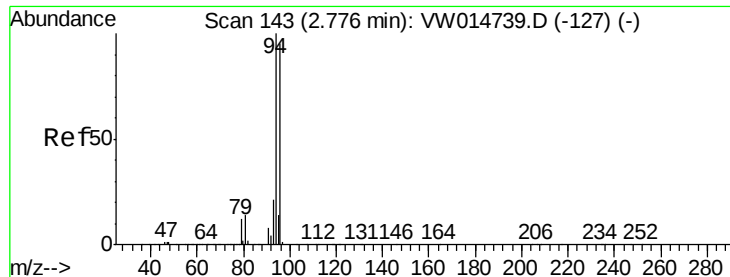
100000

50000

0

Time--> 2.30 2.40 2.50





#5

Bromomethane

Concen: 20.269 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

Tot Ion: 94 Resp: 113216

Ion Ratio Lower Upper

94 100

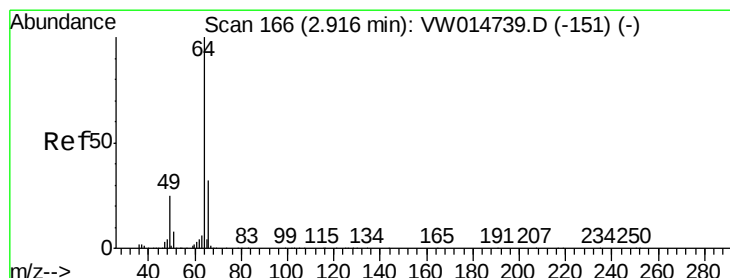
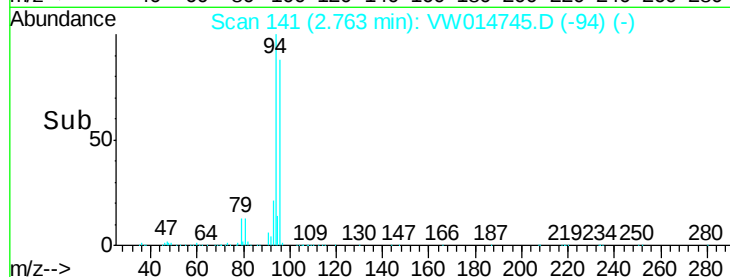
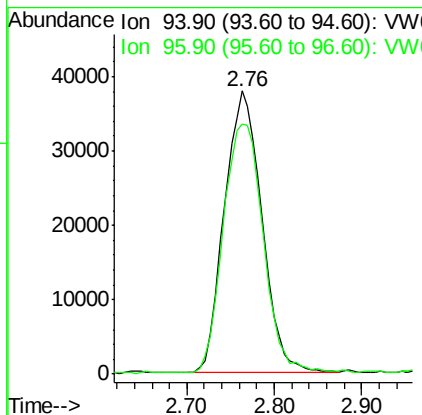
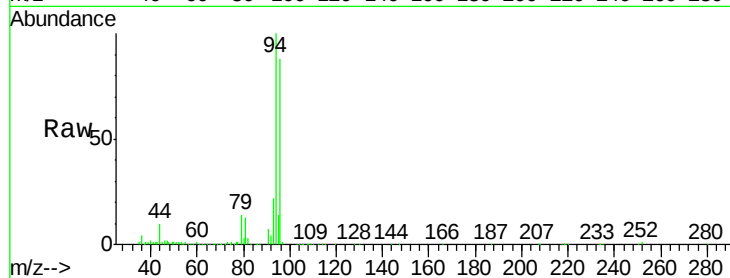
96 88.2 76.2 114.4

Manual Integrations

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1/27/2020 12:06:33 PM



#6

Chloroethane

Concen: 20.505 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014745.D

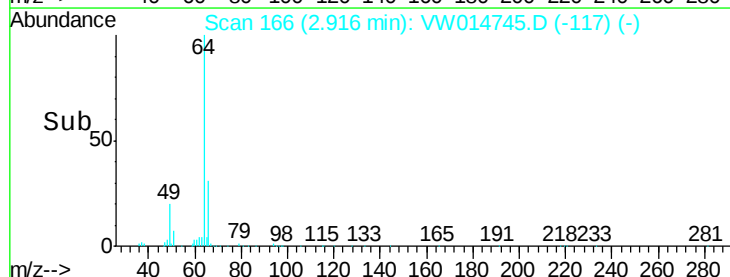
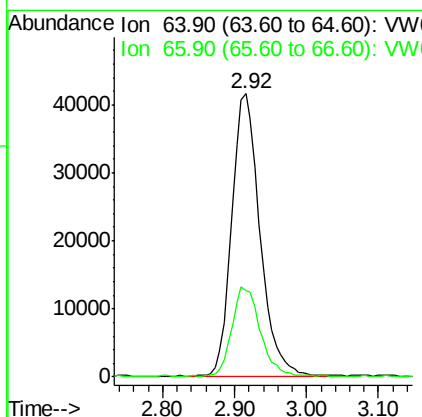
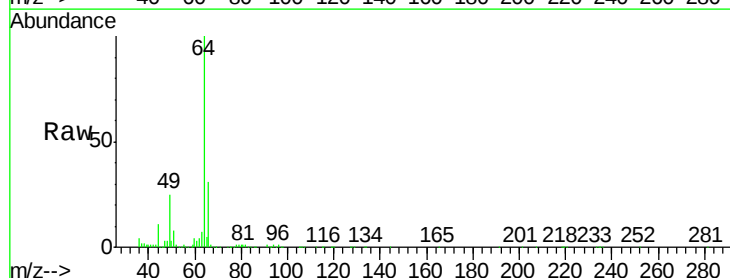
Acq: 24 Jan 2020 15:40

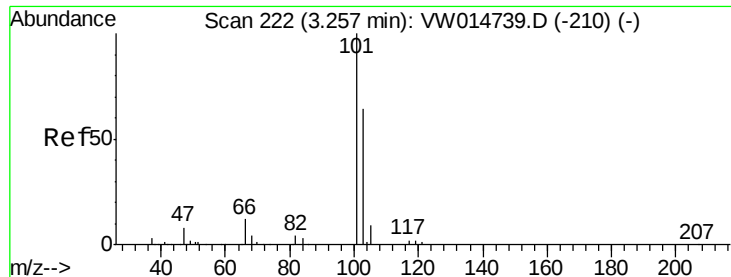
Tgt Ion: 64 Resp: 113919

Ion Ratio Lower Upper

64 100

66 30.7 25.5 38.3





#7

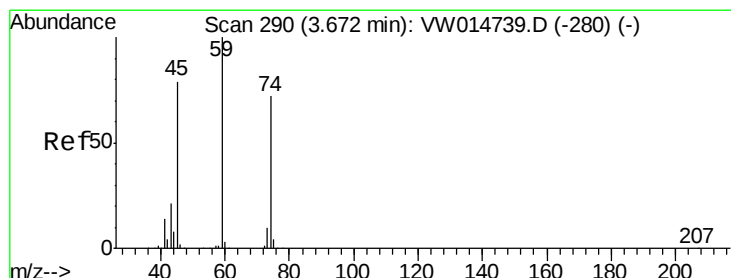
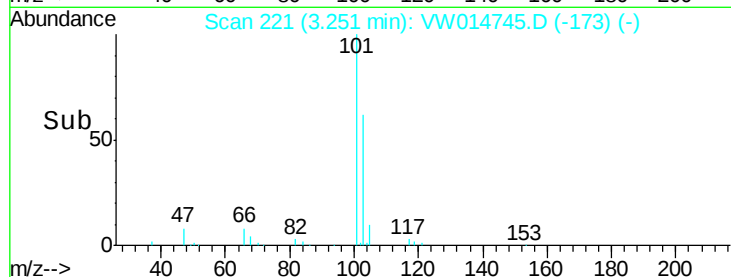
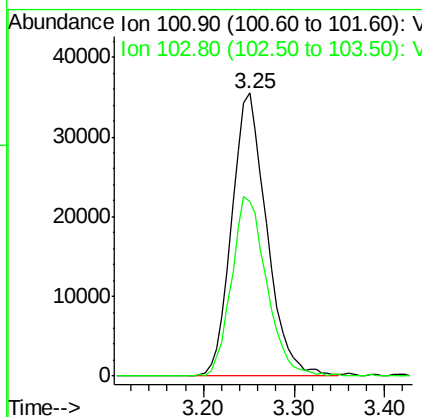
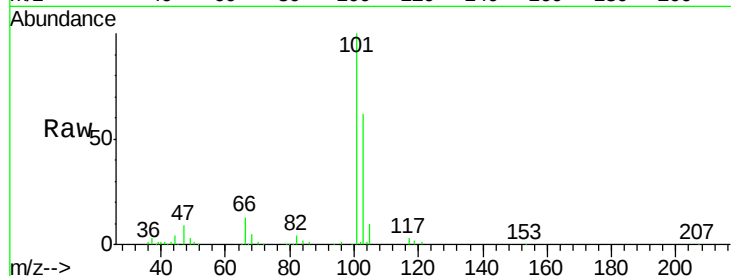
Trichlorofluoromethane
Concen: 19.704 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	50.8	76.2

Manual Integrations
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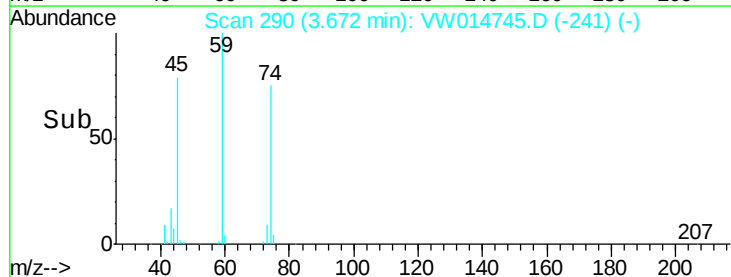
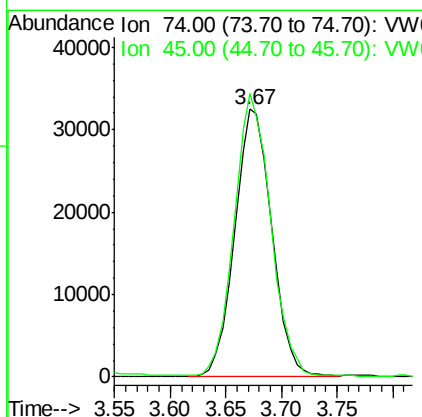
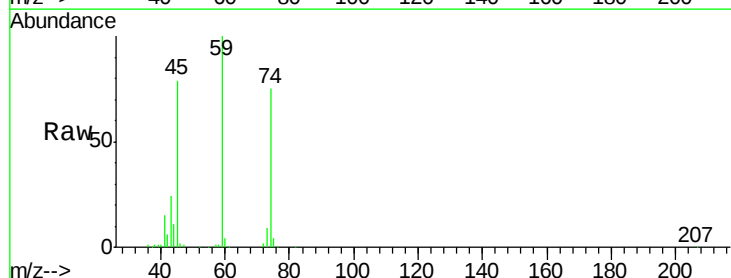
MMDadoda
1/27/2020 12:06:33 PM

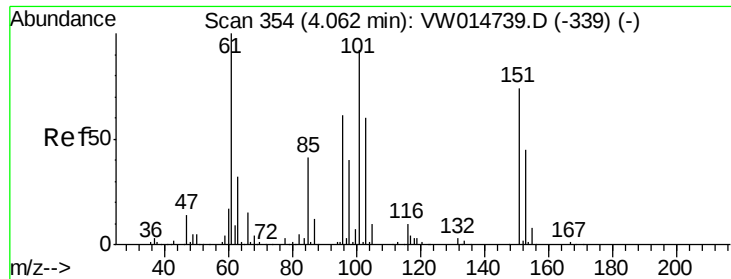


#8

Diethyl Ether
Concen: 19.746 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.4	52.7	158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.737 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

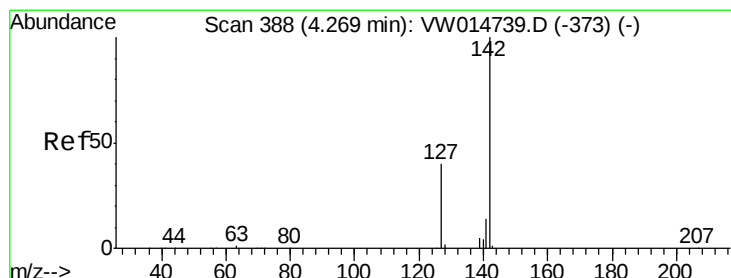
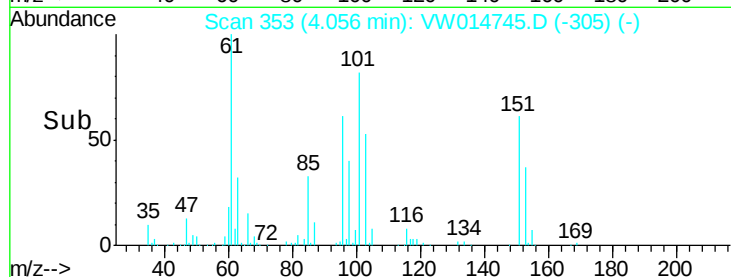
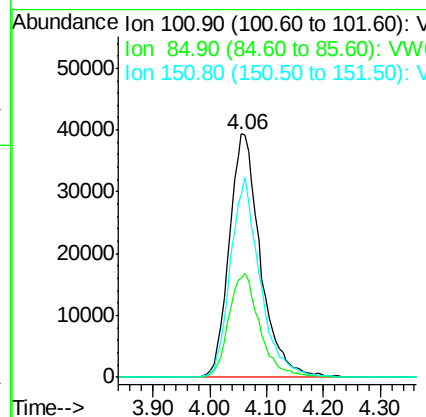
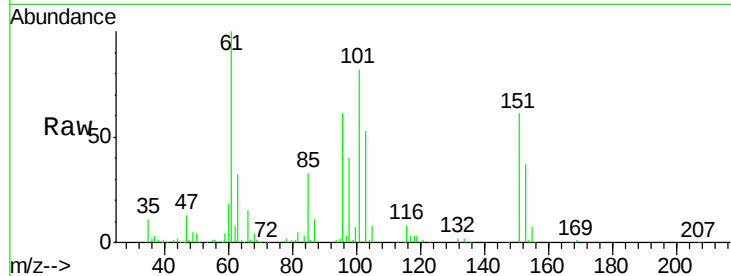
ClientSampleId :

VW0124SBS01

Tot Ion:	101	Resp:	150251
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.4	51.6
151	77.8	61.5	92.3

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#10

Methyl Iodide

Concen: 19.206 ug/l

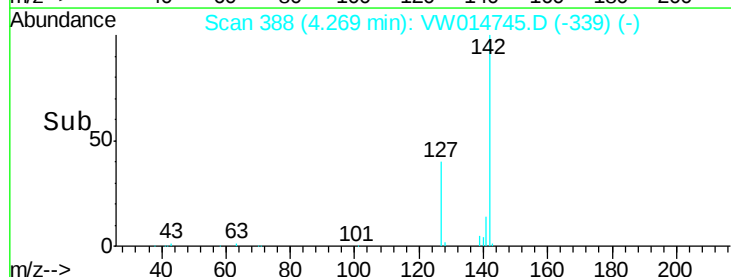
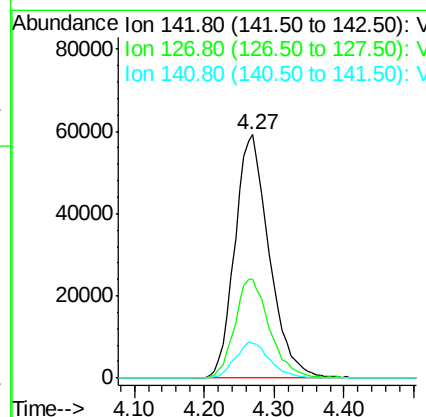
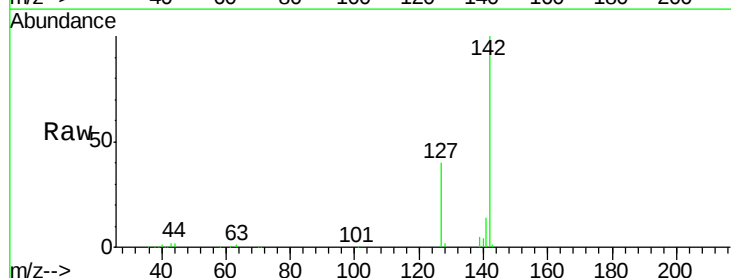
RT: 4.27 min Scan# 388

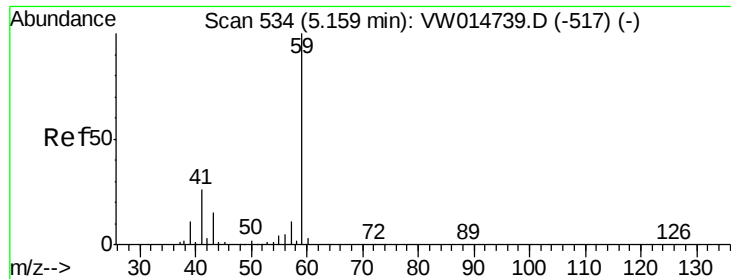
Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Tgt Ion:	142	Resp:	202343
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.2	49.8
141	14.8	11.8	17.6





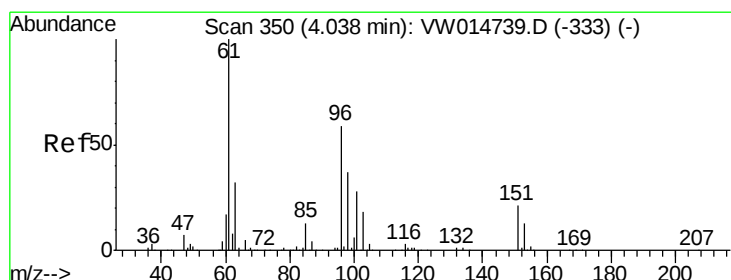
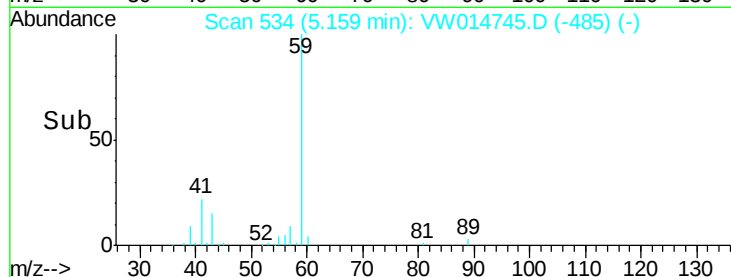
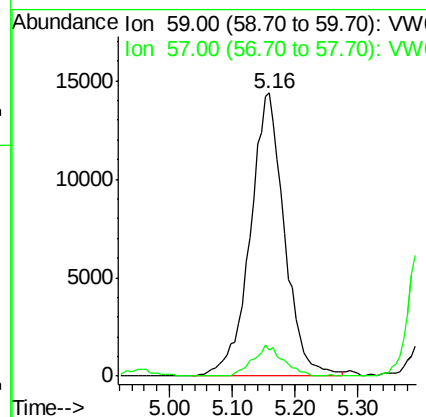
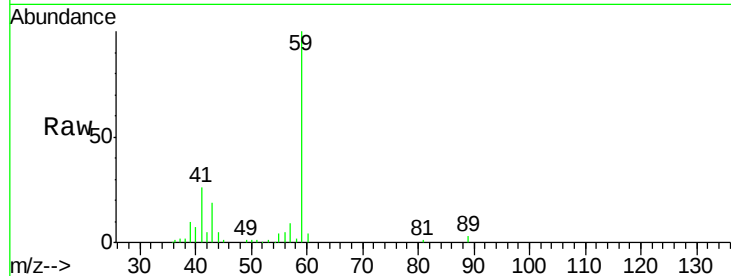
#11
Tert butyl alcohol
Concen: 104.737 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion: 59 Resp: 54284
Ion Ratio Lower Upper
59 100
57 9.7 8.6 12.8

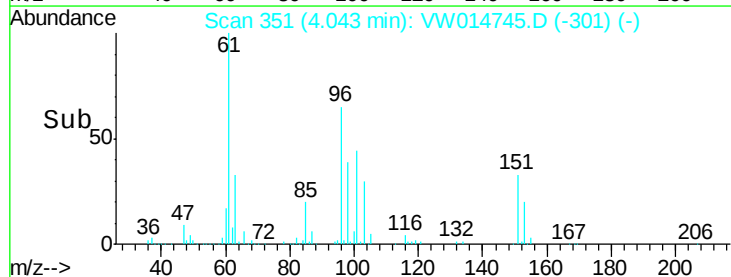
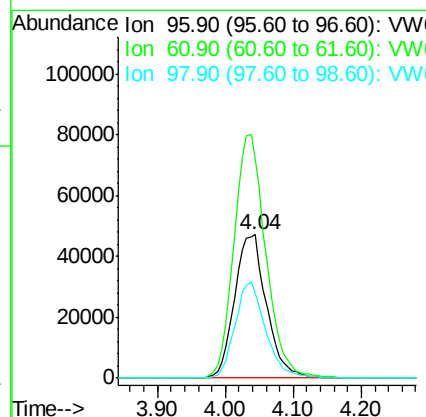
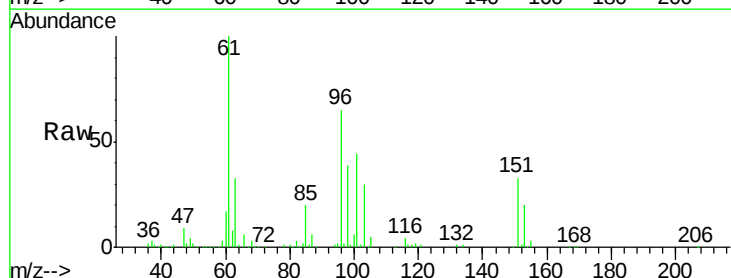
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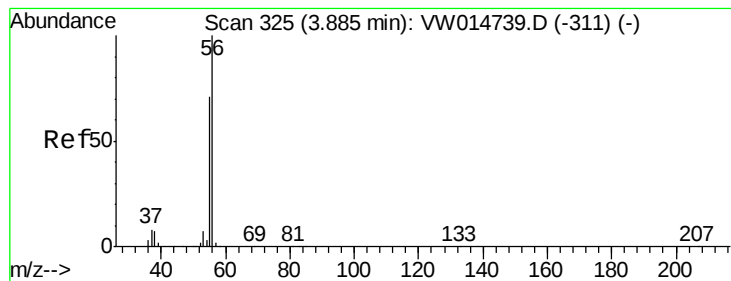
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.998 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion: 96 Resp: 154452
Ion Ratio Lower Upper
96 100
61 153.0 136.3 204.5
98 59.4 51.0 76.6





#13

Acrolein

Concen: 101.242 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

Tot Ion: 56 Resp: 58464

Ion Ratio Lower Upper

56 100

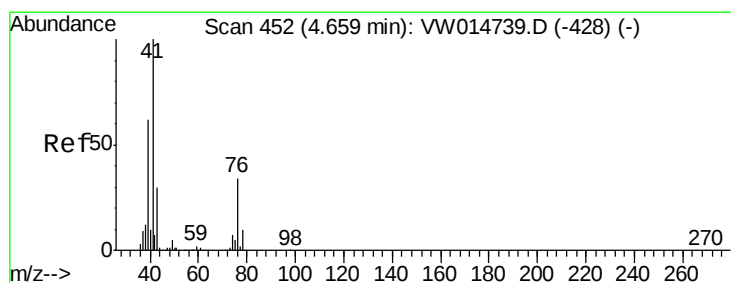
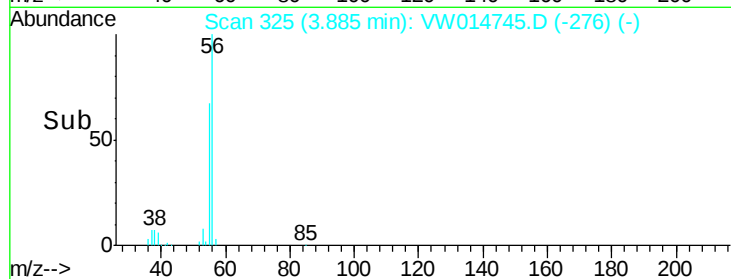
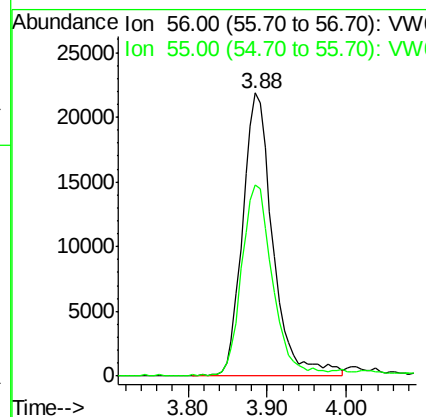
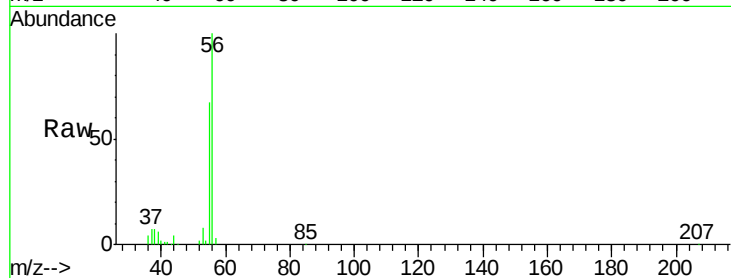
55 67.9 55.7 83.5

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#14

Allyl chloride

Concen: 20.524 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

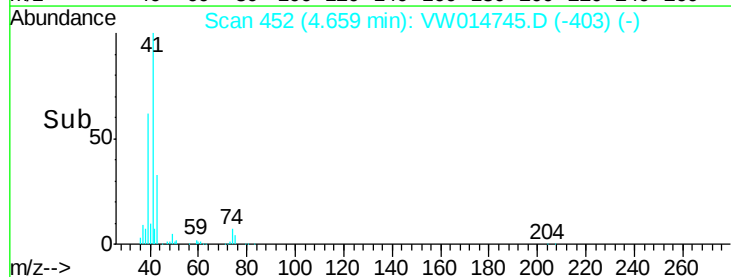
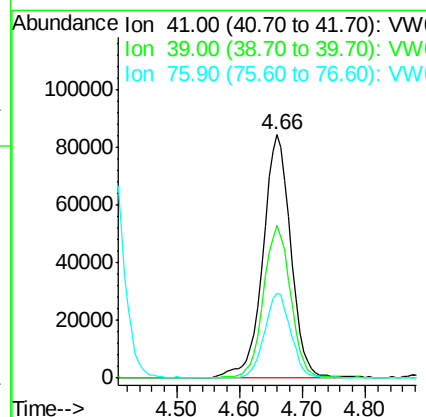
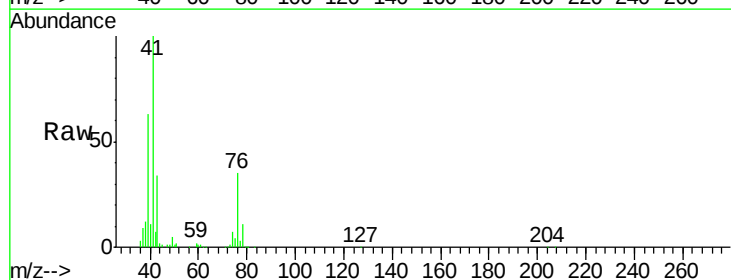
Tgt Ion: 41 Resp: 260345

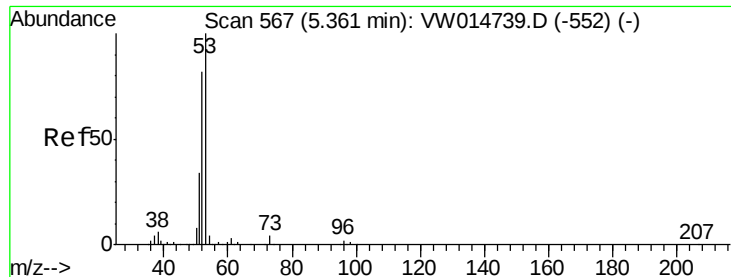
Ion Ratio Lower Upper

41 100

39 61.4 50.0 75.0

76 32.5 26.7 40.1





#15

Acrylonitrile

Concen: 101.135 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

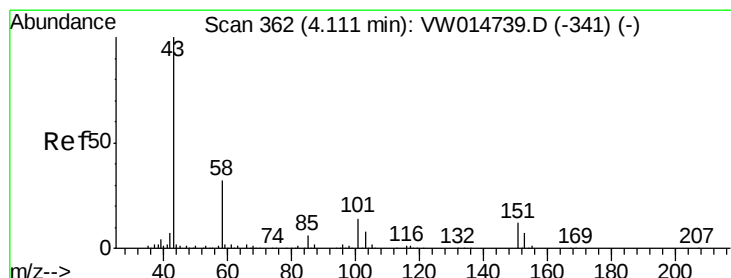
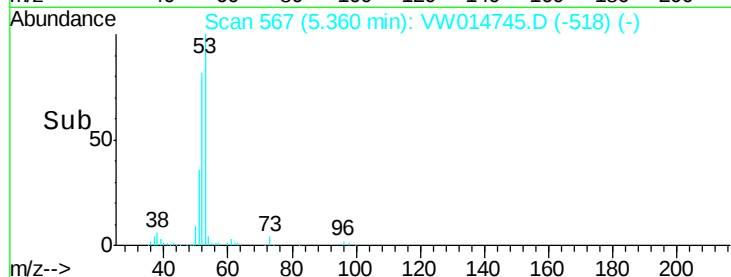
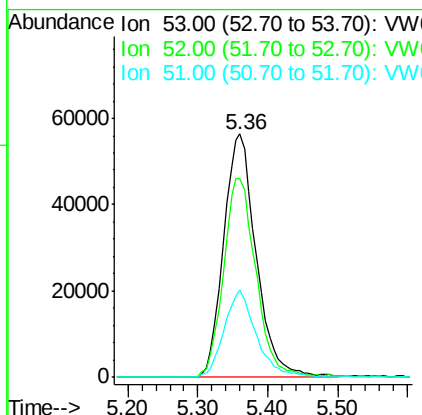
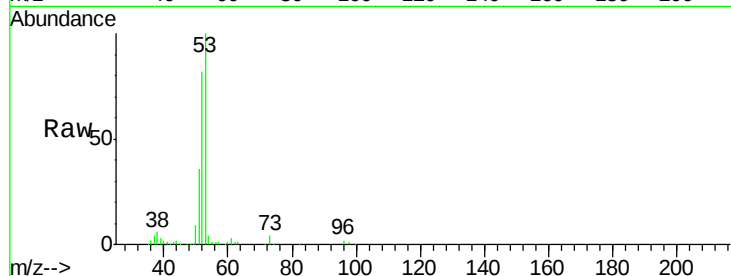
ClientSampleId :

VW0124SBS01

Tot Ion:	53	Resp:	182120
Ion Ratio		Lower	Upper
53	100		
52	81.4	66.0	99.0
51	35.6	28.6	43.0

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#16

Acetone

Concen: 98.926 ug/l

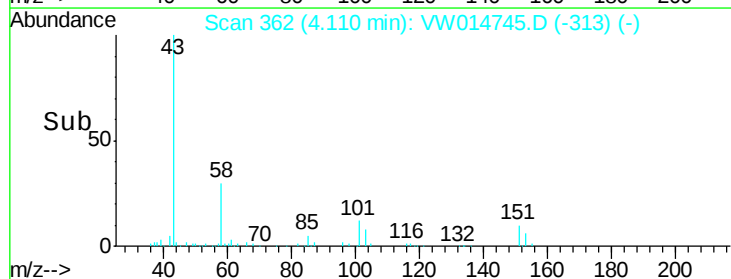
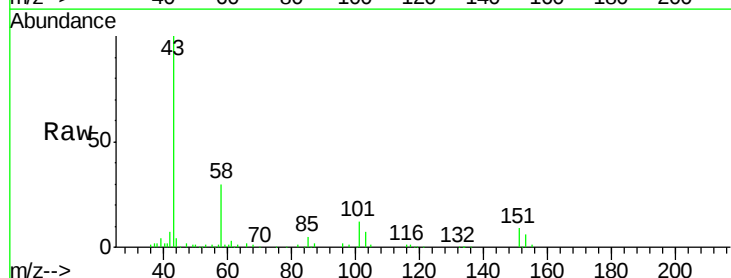
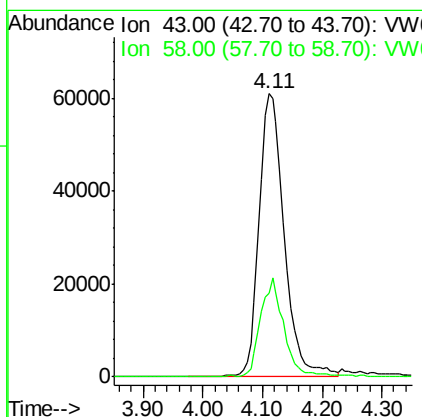
RT: 4.11 min Scan# 362

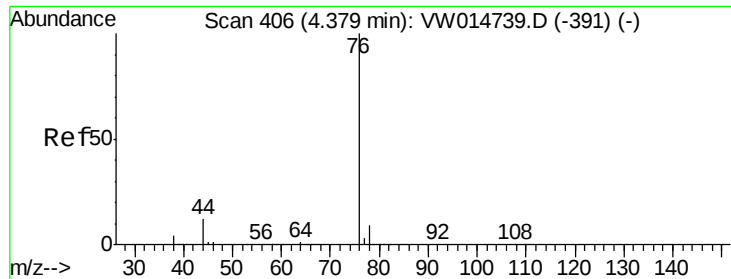
Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Tgt Ion:	43	Resp:	179331
Ion Ratio		Lower	Upper
43	100		
58	29.7	25.6	38.4





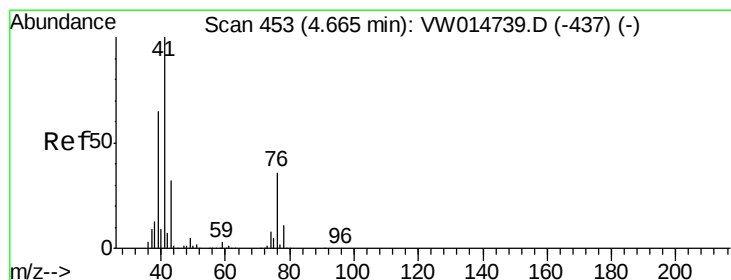
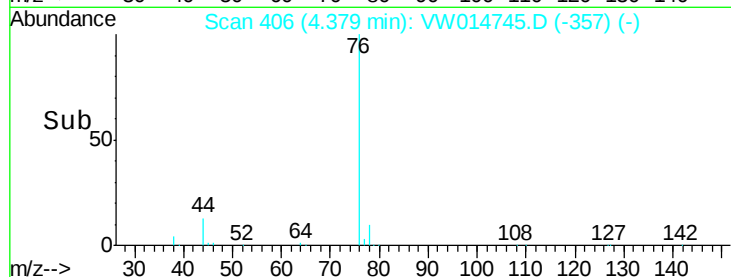
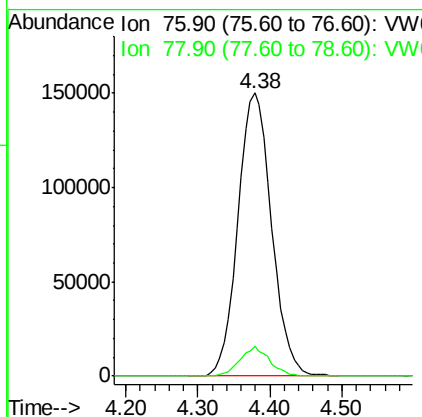
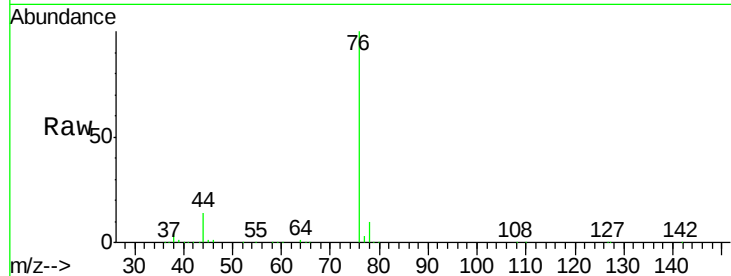
#17
Carbon Disulfide
Concen: 19.760 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

Tot Ion: 76 Resp: 486589
Ion Ratio Lower Upper
76 100
78 10.4 7.2 10.8

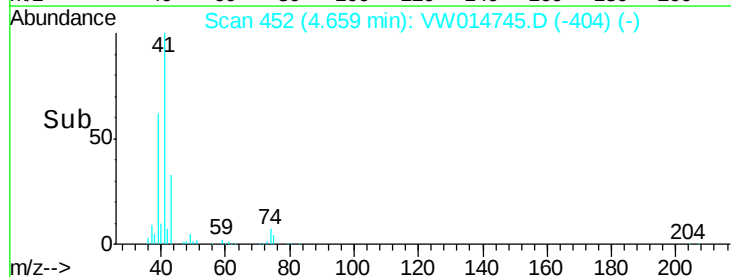
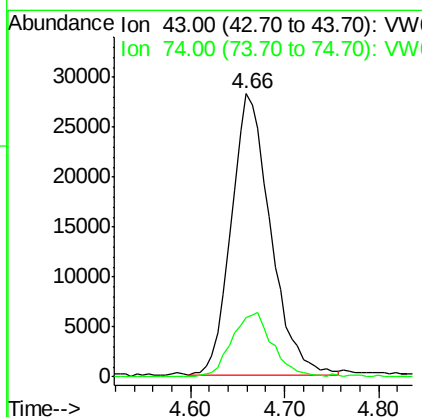
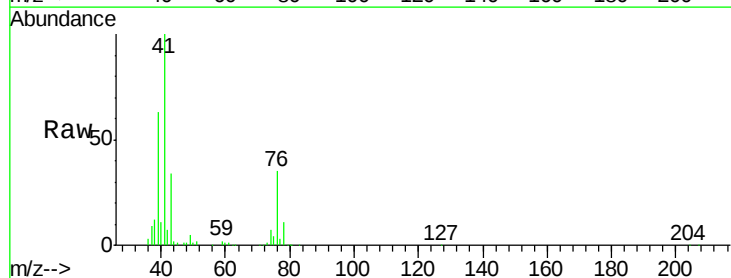
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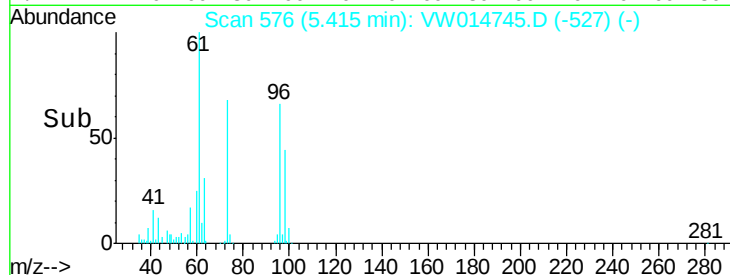
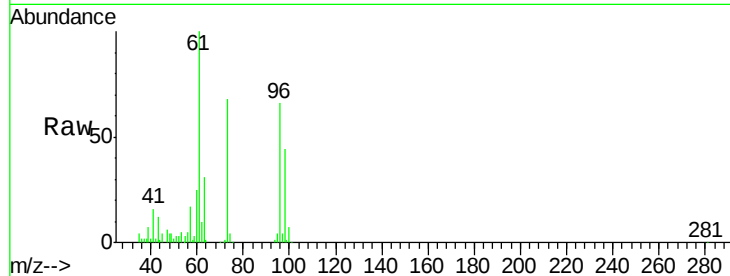
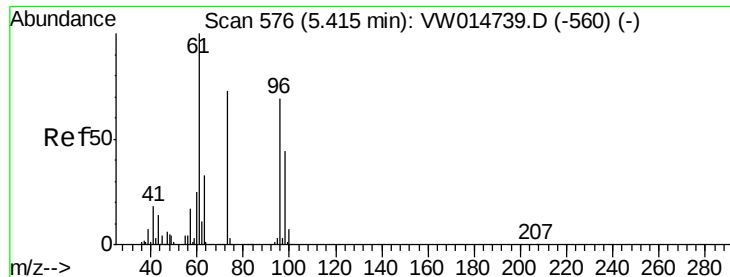
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#18
Methyl Acetate
Concen: 20.127 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion: 43 Resp: 81681
Ion Ratio Lower Upper
43 100
74 23.7 18.4 27.6





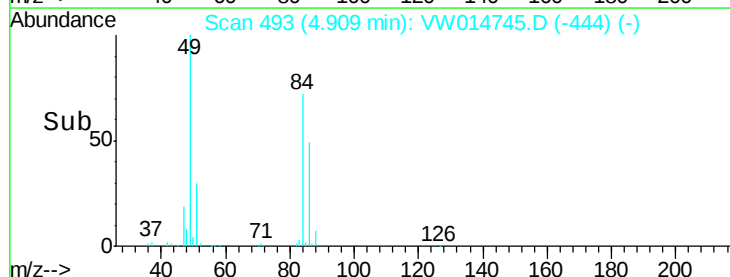
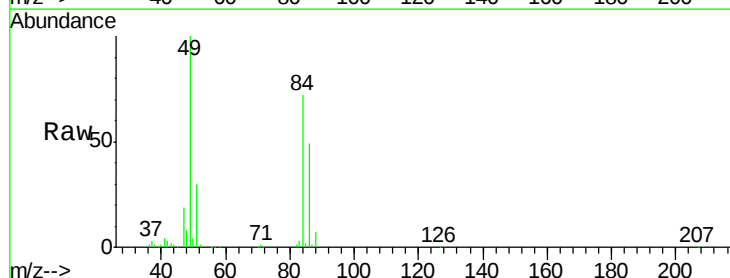
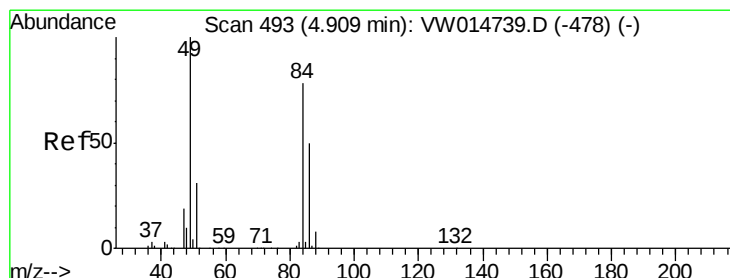
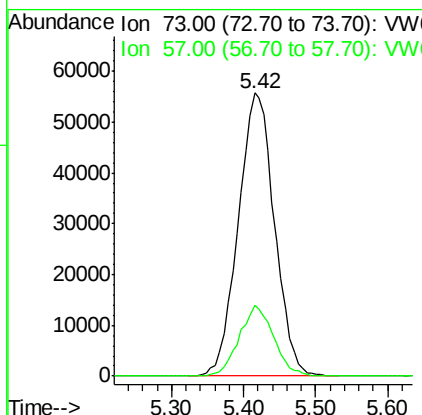
#19
Methyl tert-butyl Ether
Concen: 20.088 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tot Ion: 73 Resp: 194181
Ion Ratio Lower Upper
73 100
57 25.2 18.5 27.7

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

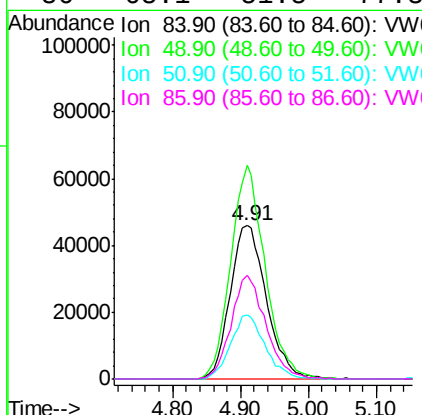
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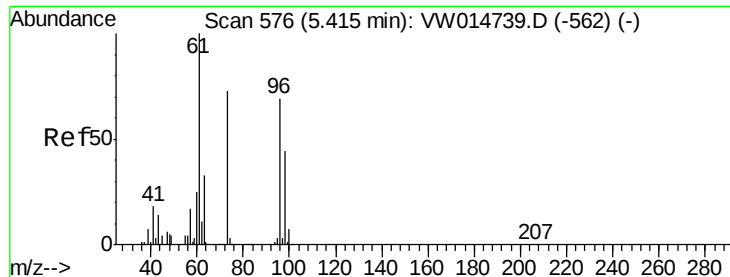
MMDadoda
1/27/2020 12:06:33 PM



#20
Methylene Chloride
Concen: 19.260 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion: 84 Resp: 170217
Ion Ratio Lower Upper
84 100
49 139.5 103.1 154.7
51 41.8 32.1 48.1
86 68.1 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 20.063 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampled :

VW0124SBS01

Tot Ion: 96 Resp: 164309

Ion Ratio Lower Upper

96 100

61 151.9 116.1 174.1

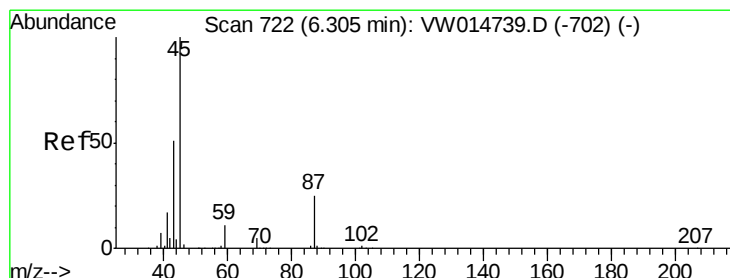
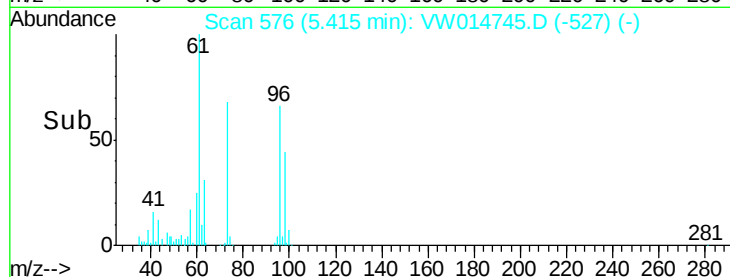
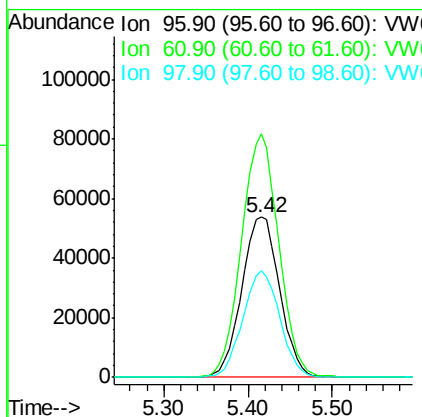
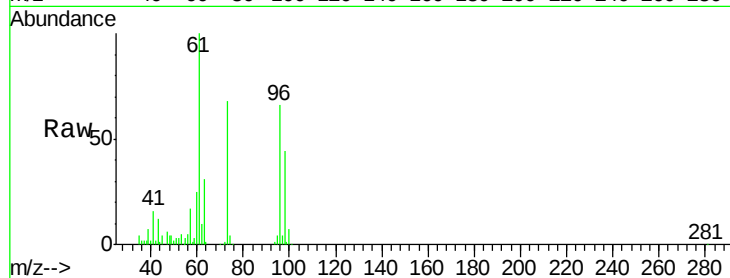
98 66.8 51.6 77.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 20.785 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Tgt Ion: 45 Resp: 484231

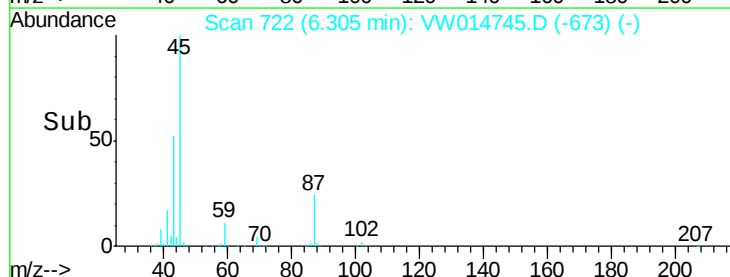
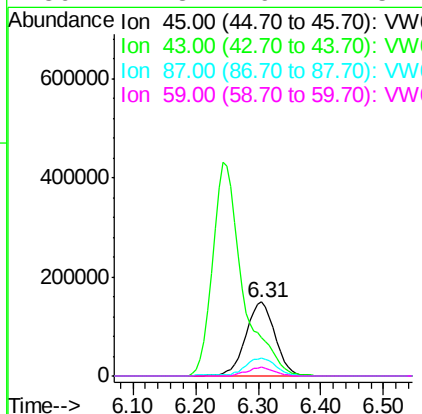
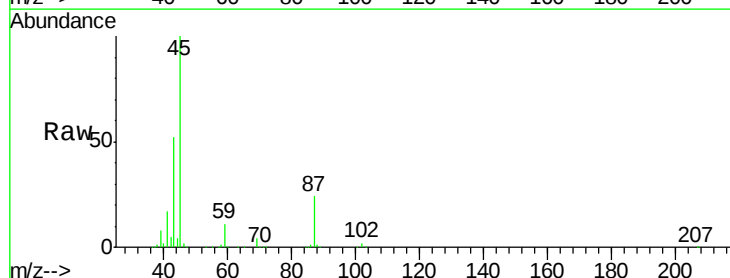
Ion Ratio Lower Upper

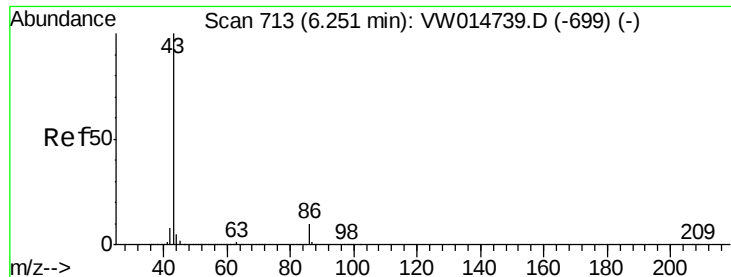
45 100

43 51.6 40.9 61.3

87 23.8 20.3 30.5

59 11.3 9.1 13.7





#23

Vinyl Acetate

Concen: 102.675 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

Tot Ion: 43 Resp: 1418118

Ion Ratio Lower Upper

43 100

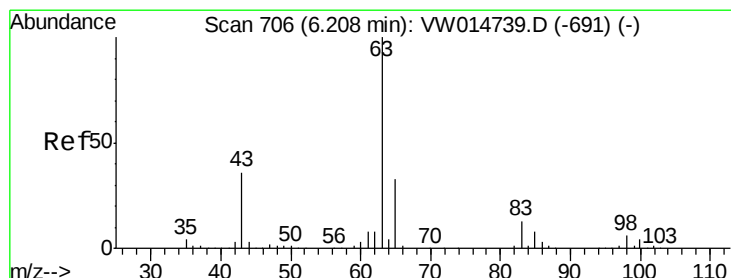
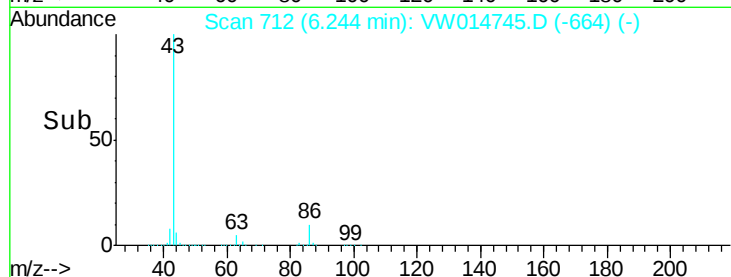
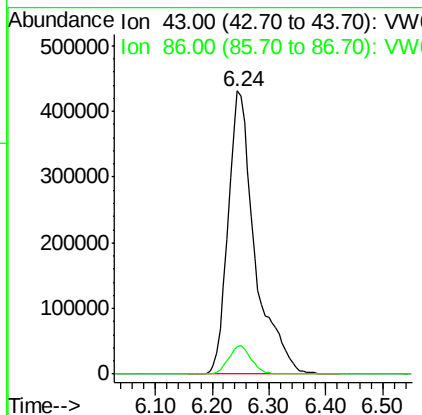
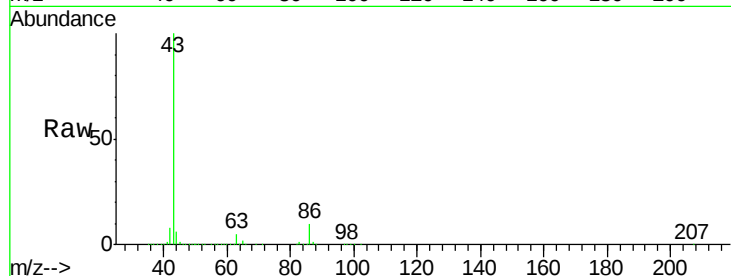
86 9.7 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.145 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

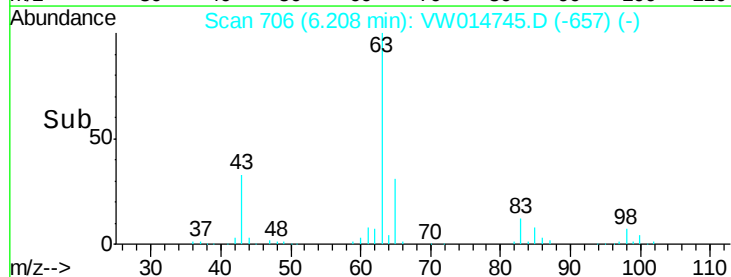
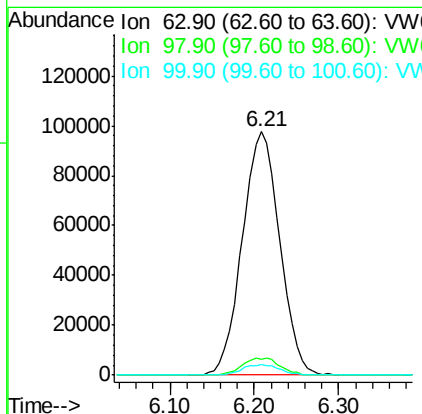
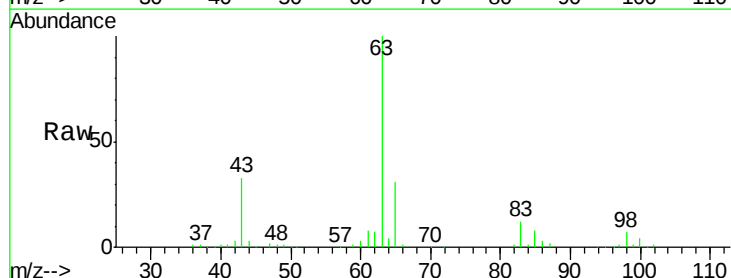
Tgt Ion: 63 Resp: 294696

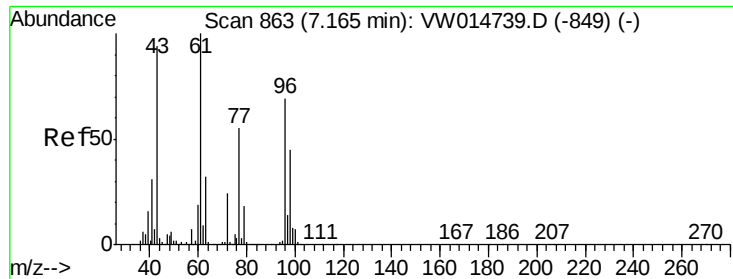
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 101.554 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

Tot Ion: 43 Resp: 242303

Ion Ratio Lower Upper

43 100

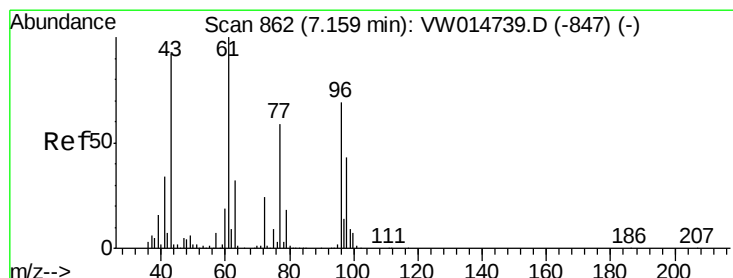
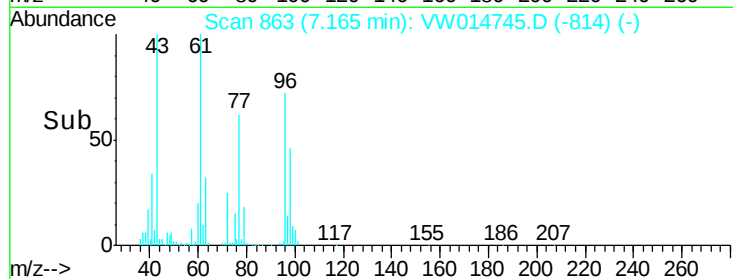
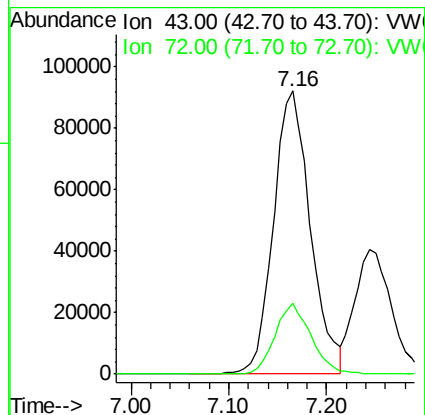
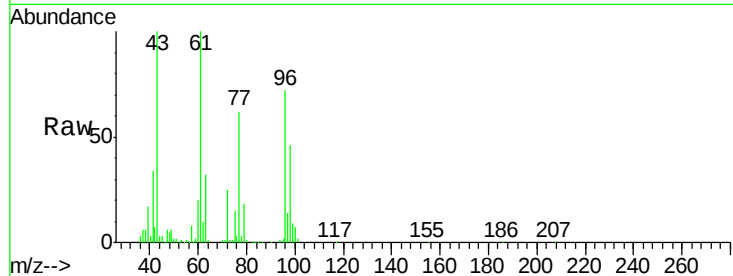
72 25.3 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.656 ug/l

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW014745.D

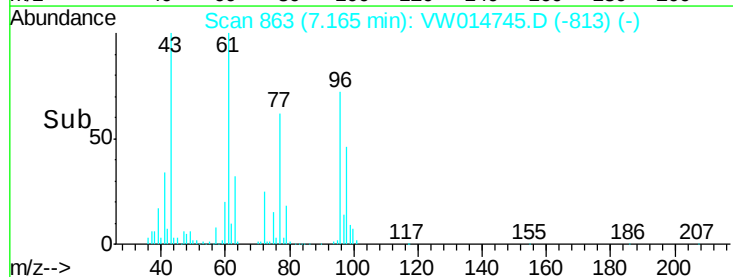
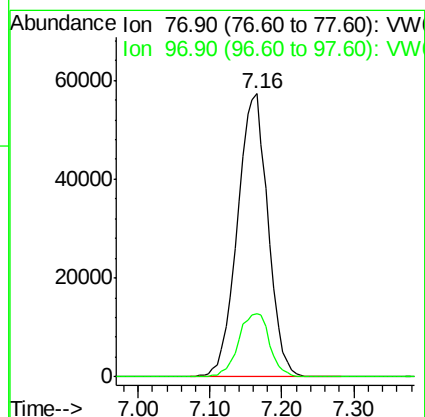
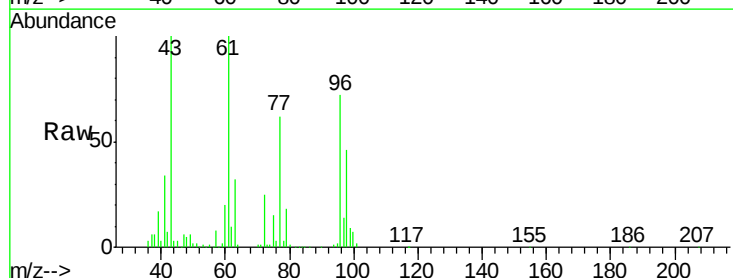
Acq: 24 Jan 2020 15:40

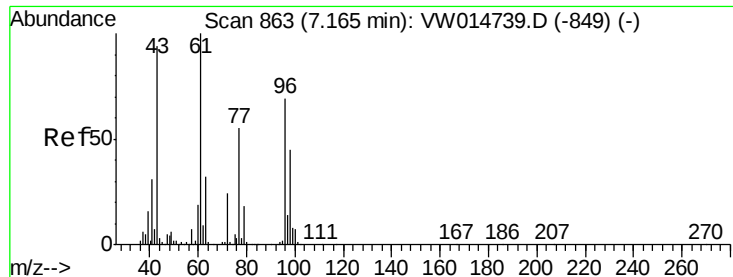
Tgt Ion: 77 Resp: 168396

Ion Ratio Lower Upper

77 100

97 22.8 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 20.399 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

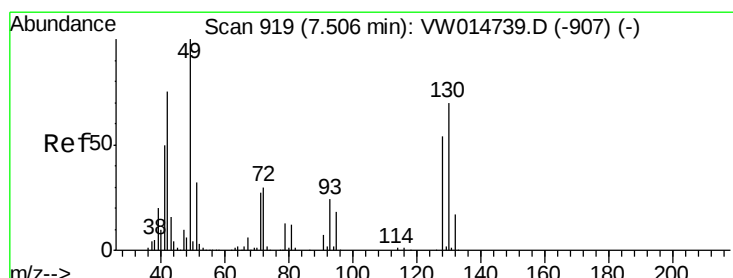
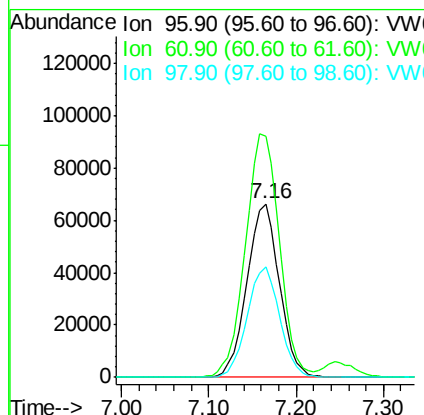
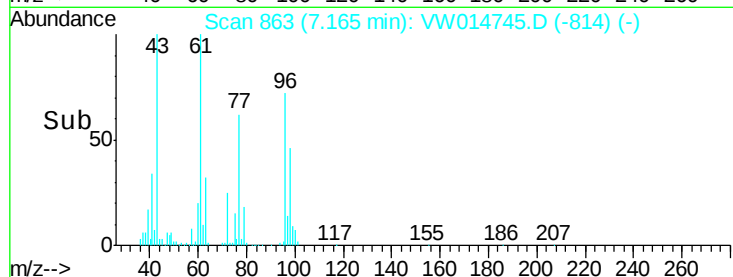
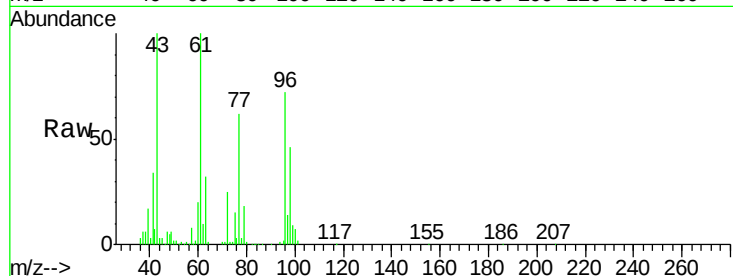
Instrument :
MSVOA_W

ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	292.2
98	63.9	0.0	127.6

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#28

Bromochloromethane

Concen: 18.340 ug/l

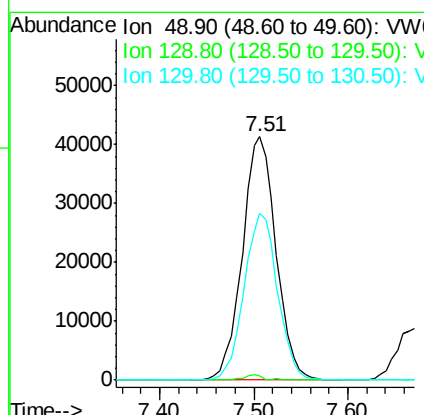
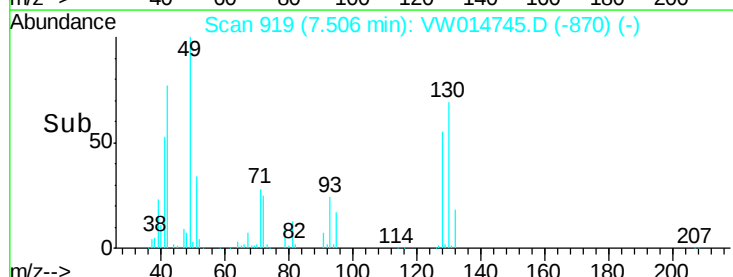
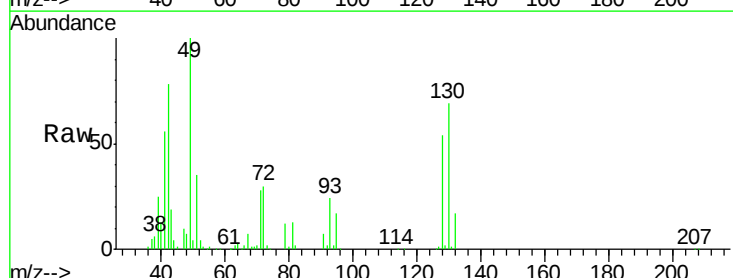
RT: 7.51 min Scan# 919

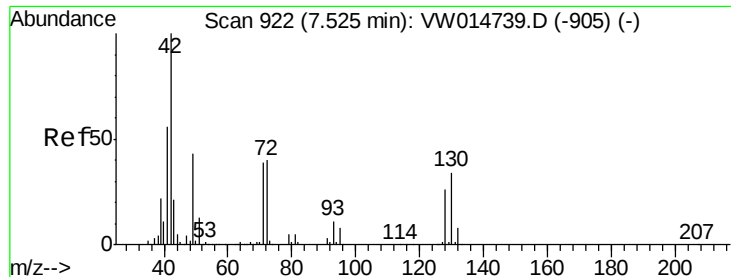
Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	2.6
130	68.1	56.7	85.1





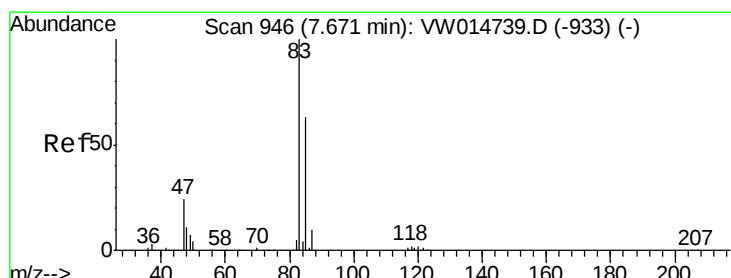
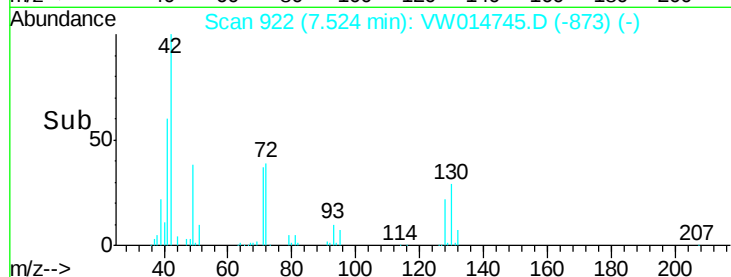
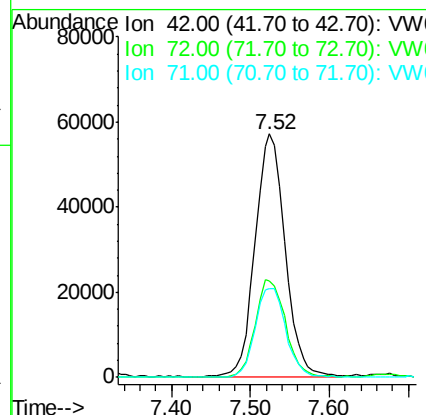
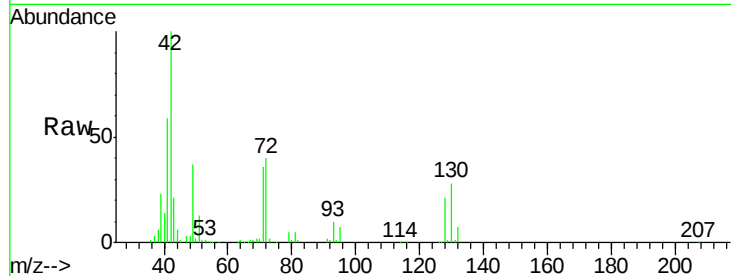
#29
Tetrahydrofuran
Concen: 100.273 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.7	32.3	48.5
71	37.7	31.0	46.4

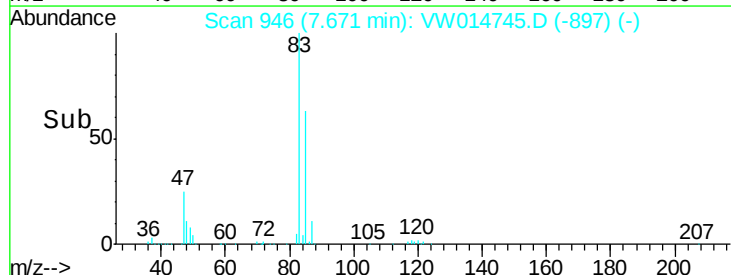
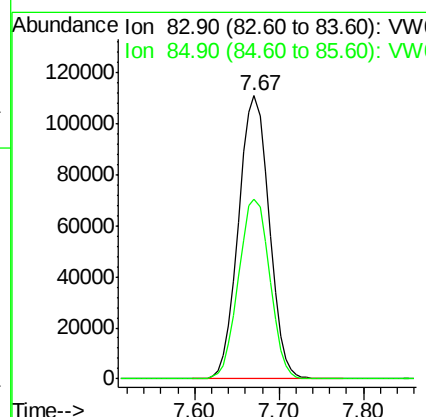
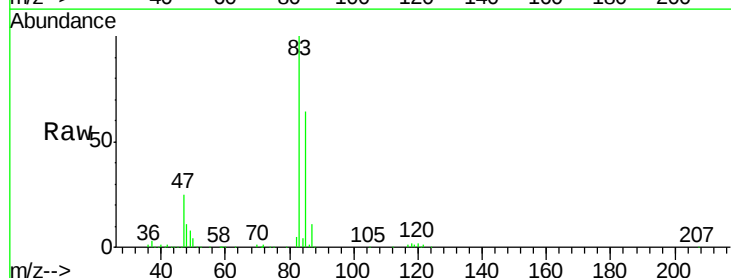
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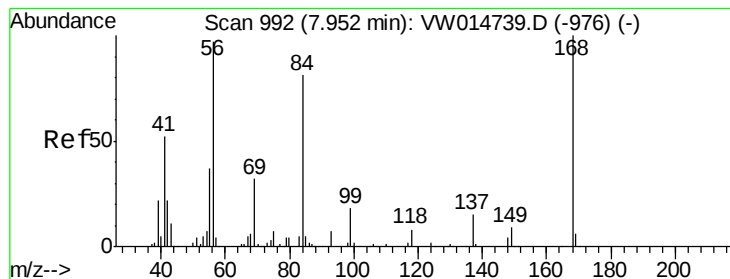
MMDadoda
1/27/2020 12:06:33 PM



#30
Chloroform
Concen: 20.158 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.1	75.1





#31

Cyclohexane

Concen: 20.290 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

Tot Ion: 56 Resp: 304585

Ion Ratio Lower Upper

56 100

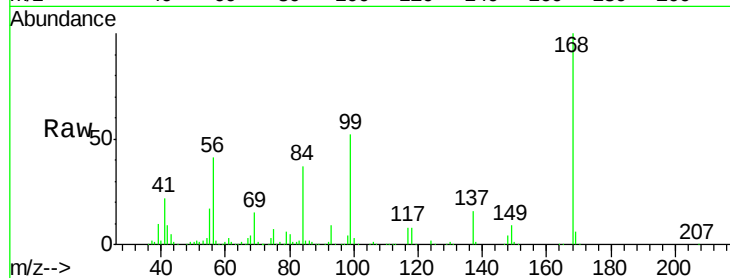
69 37.2 26.0 39.0

84 89.8 66.6 99.8

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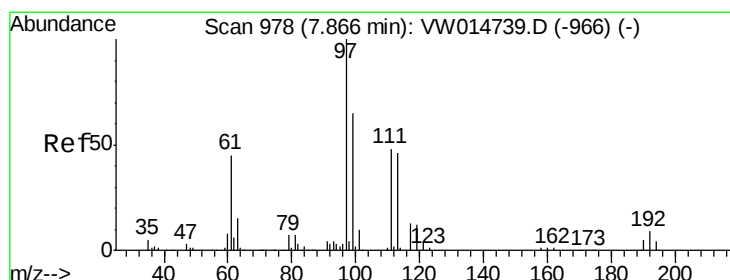
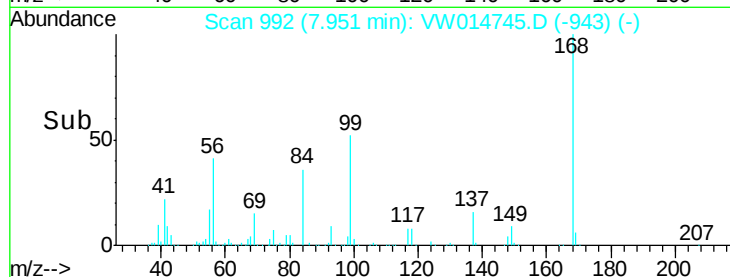
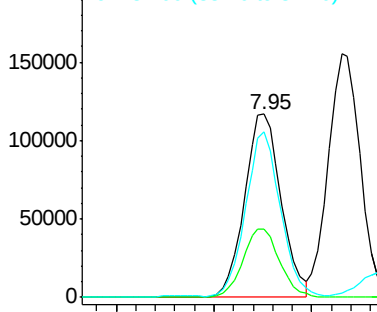


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 20.321 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

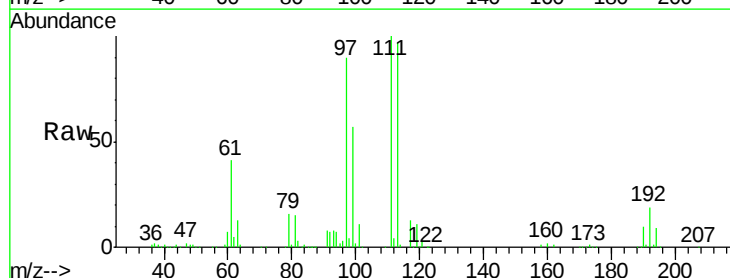
Tgt Ion: 97 Resp: 222898

Ion Ratio Lower Upper

97 100

99 65.5 52.2 78.4

61 45.8 36.2 54.4

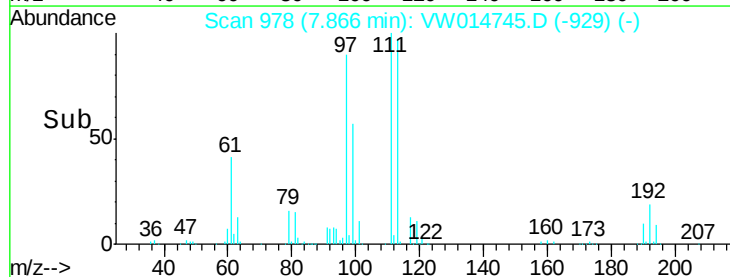
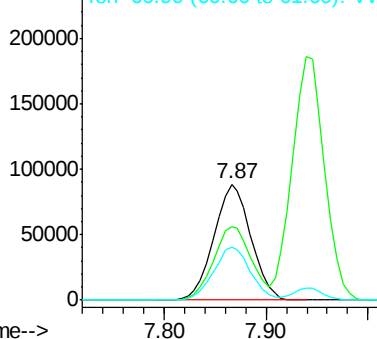


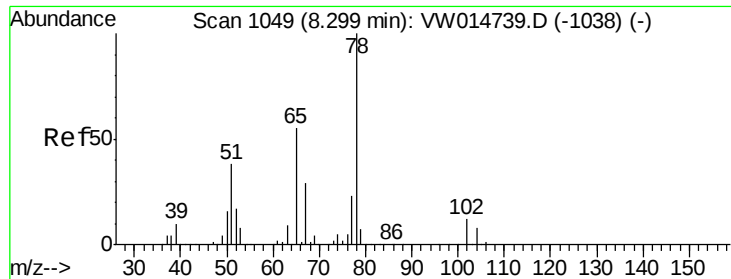
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





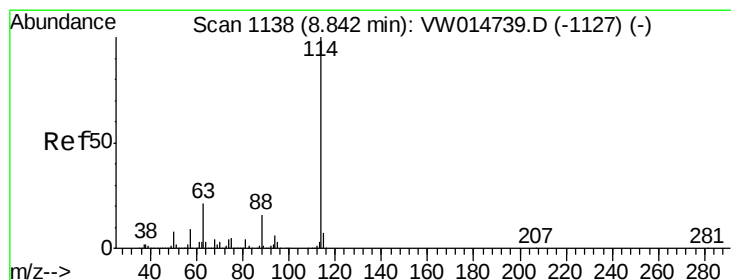
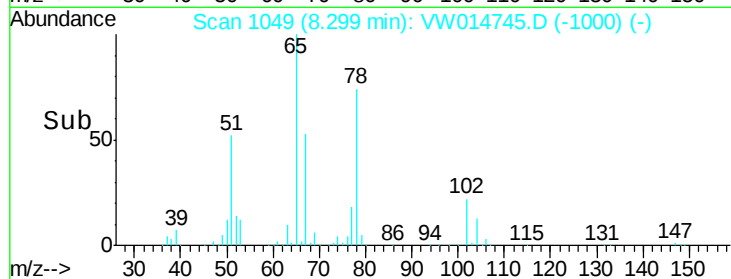
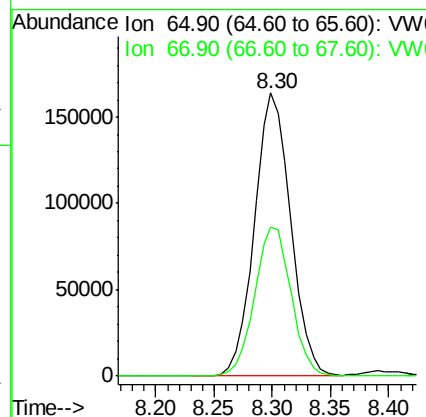
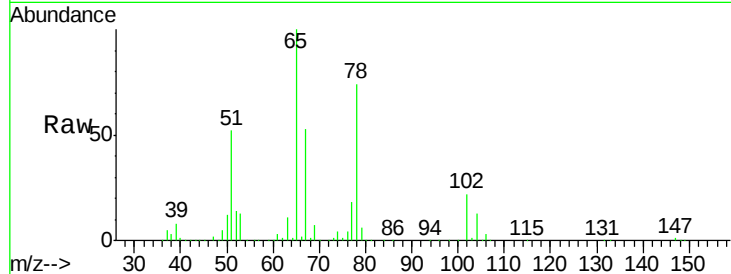
#33
 1,2-Dichloroethane-d4
 Concen: 49.290 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Instrument :
 MSVOA_W
 ClientSampled :
 VW0124SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.5	0.0	106.0	

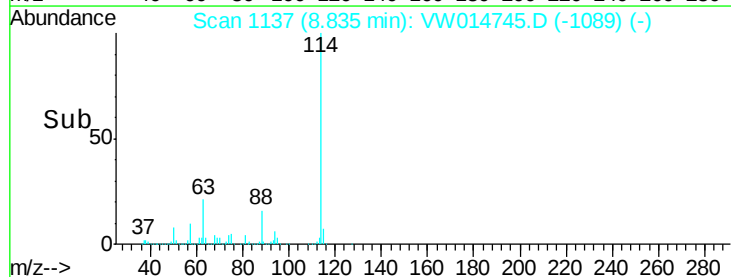
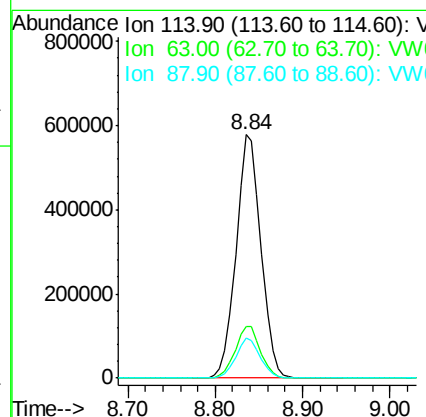
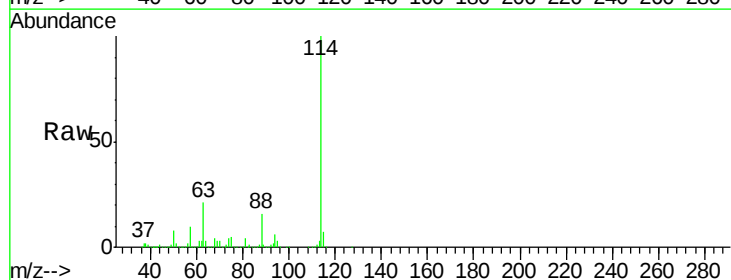
Manual Integrations
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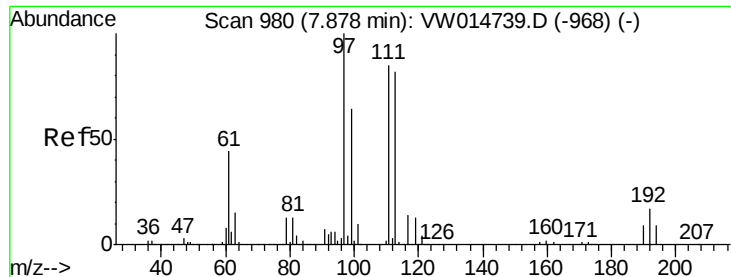
MMDadoda
 1/27/2020 12:06:33 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.3	0.0	41.2	
88	16.3	0.0	32.2	





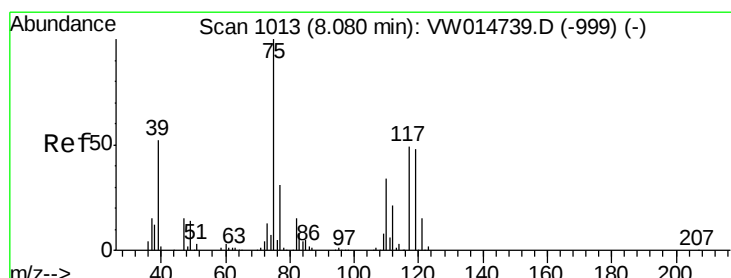
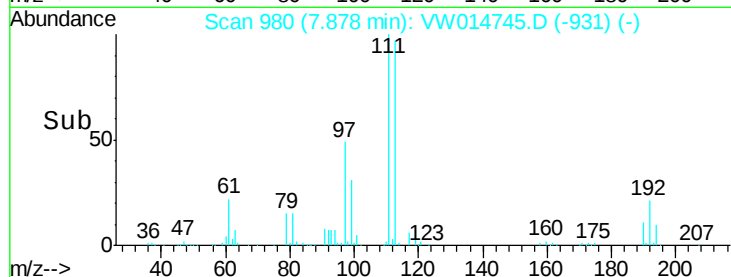
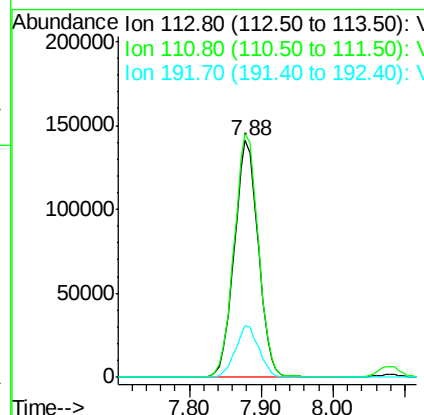
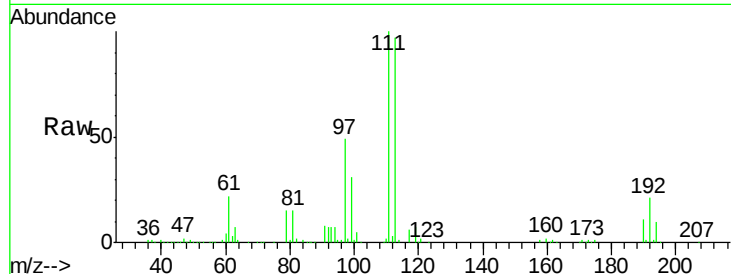
#35
 Dibromofluoromethane
 Concen: 49.401 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	328255		
111	103.7	82.2	123.2	
192	21.3	17.0	25.6	

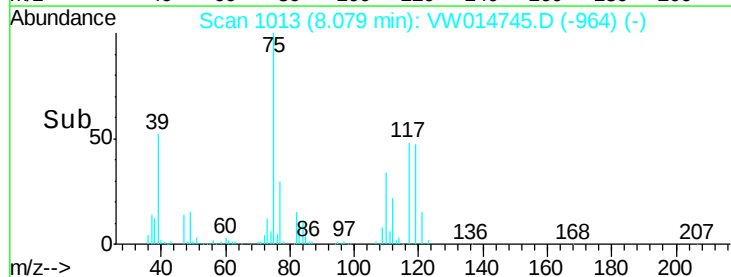
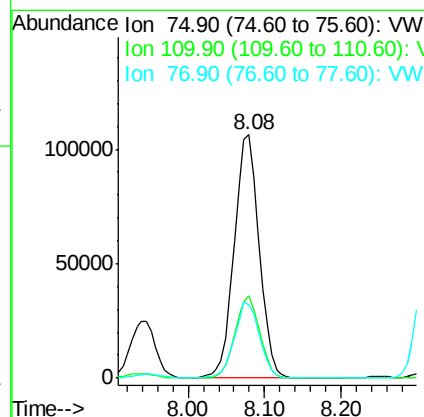
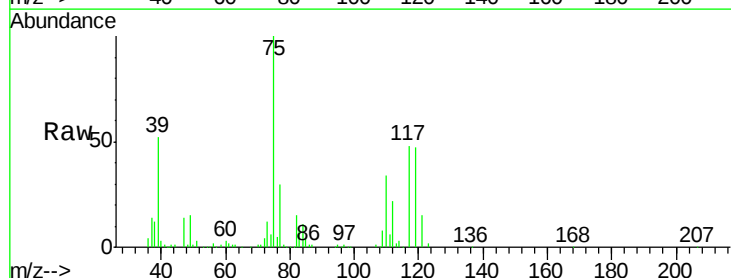
Manual Integrations
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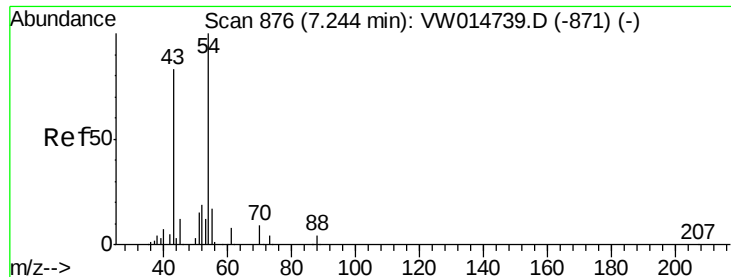
MMDadoda
 1/27/2020 12:06:33 PM



#36
 1,1-Dichloropropene
 Concen: 20.733 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	239994		
110	33.4	17.1	51.2	
77	31.6	24.8	37.2	





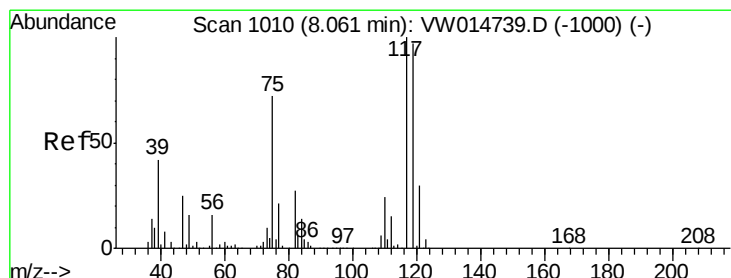
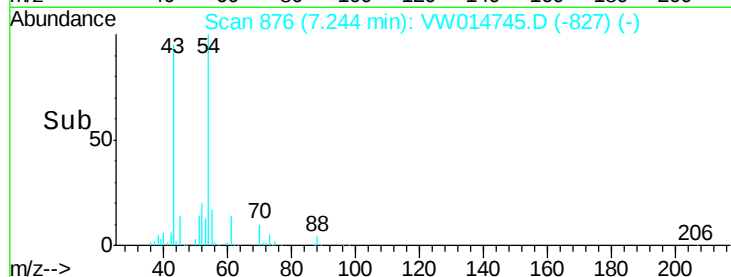
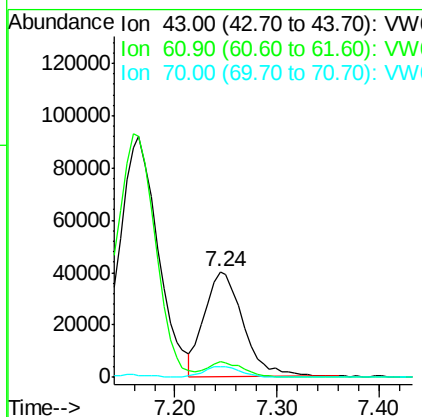
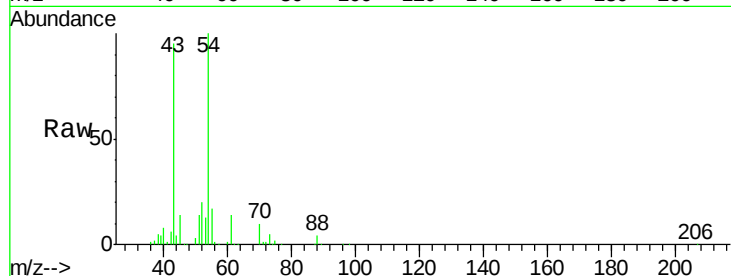
#37
Ethyl Acetate
Concen: 20.560 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleID :
VW0124SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.7	16.1
70	10.4	8.5	12.7

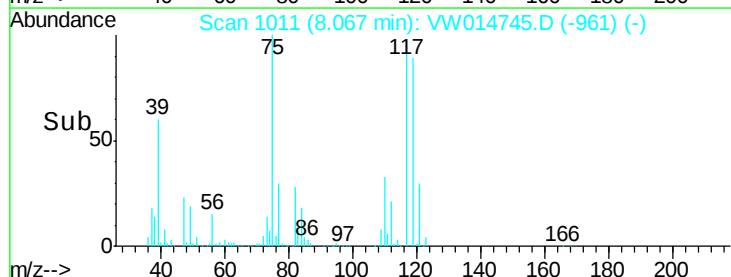
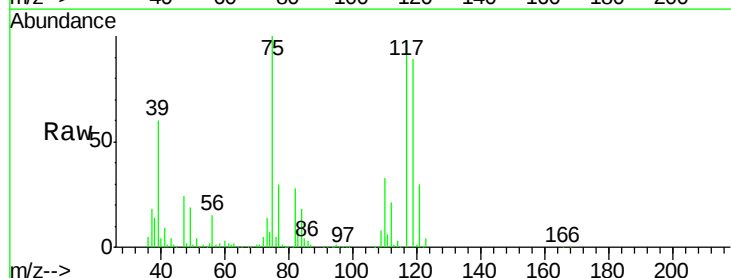
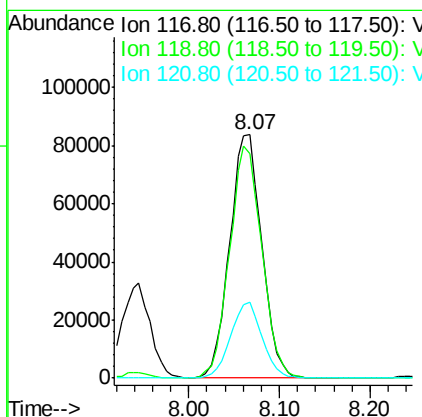
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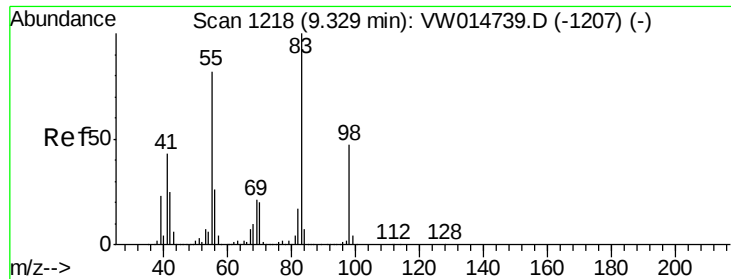
MMDadoda
1/27/2020 12:06:33 PM



#38
Carbon Tetrachloride
Concen: 20.425 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	77.5	116.3
121	31.0	24.3	36.5





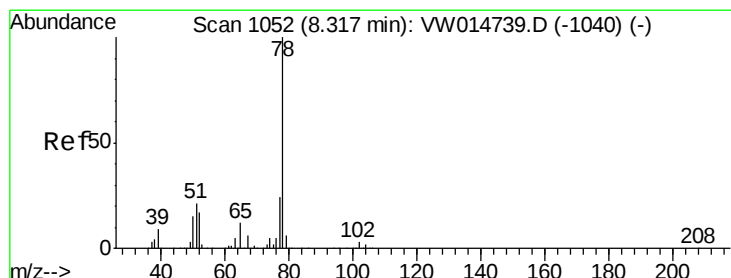
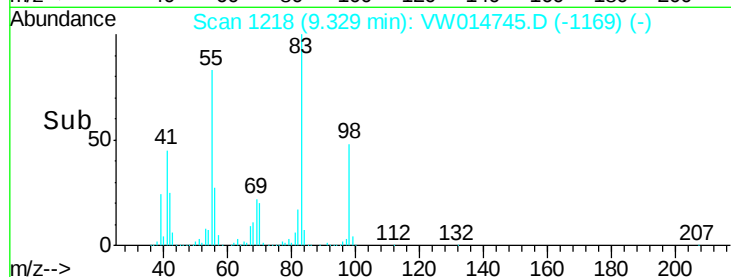
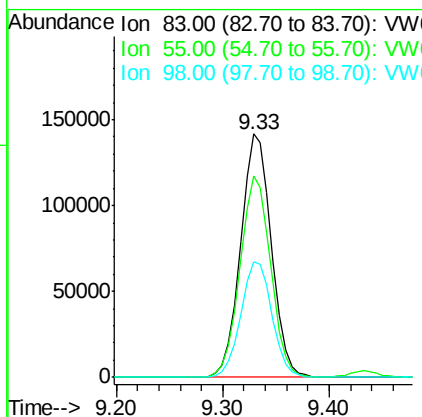
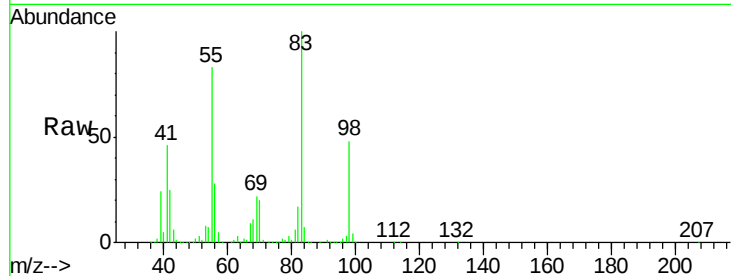
#39
Methvlcvclohexane
Concen: 20.660 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.6	65.2	97.8
98	47.5	37.6	56.4

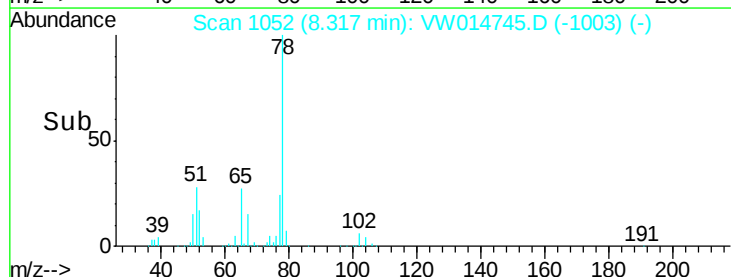
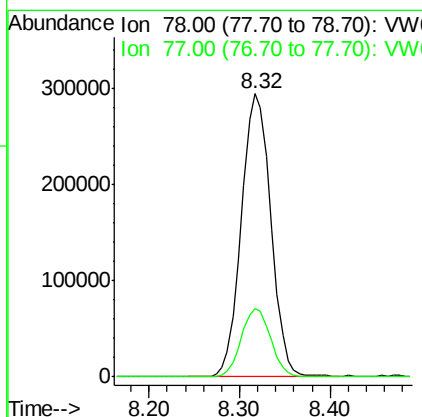
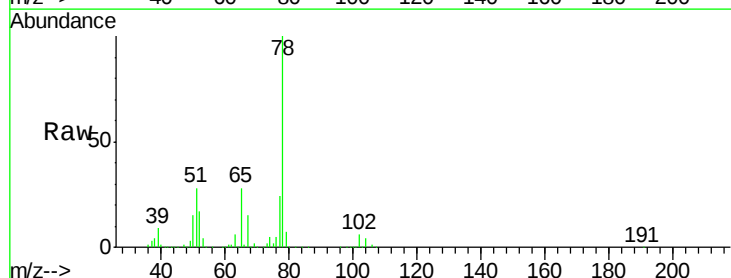
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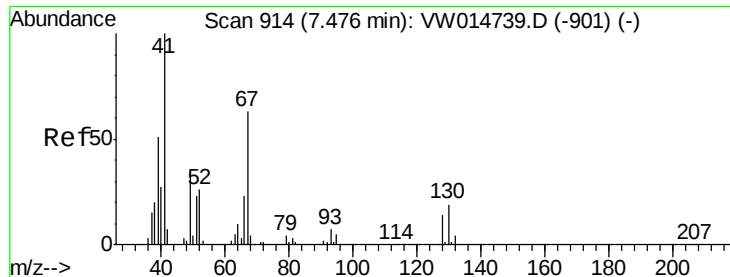
MMDadoda
1/27/2020 12:06:33 PM



#40
Benzene
Concen: 20.500 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





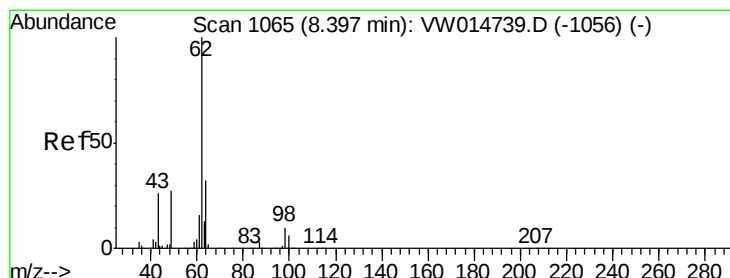
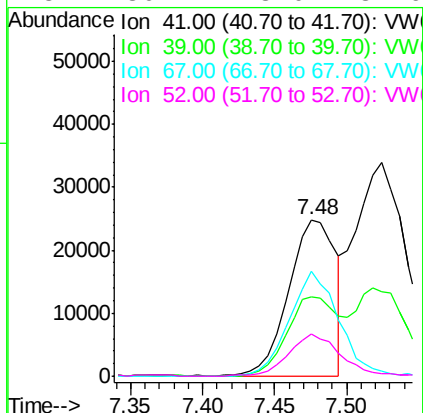
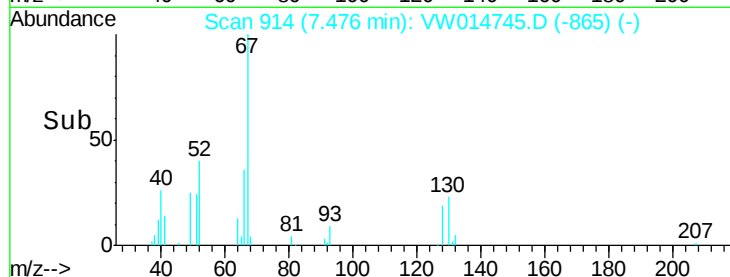
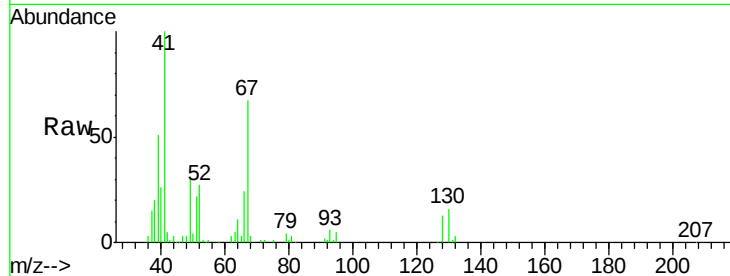
#41
Methacrylonitrile
Concen: 20.096 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.0	45.3	67.9
67	70.7	57.0	85.4
52	30.1	23.0	34.6

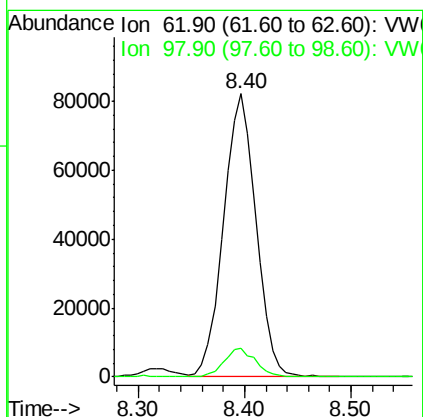
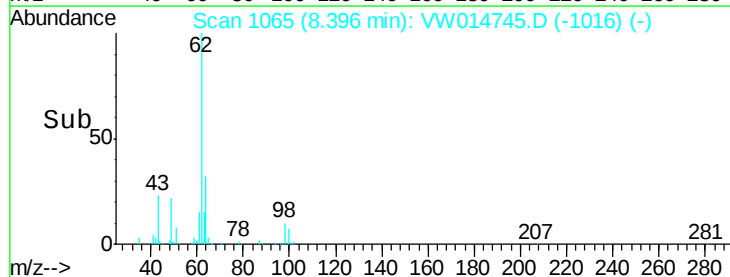
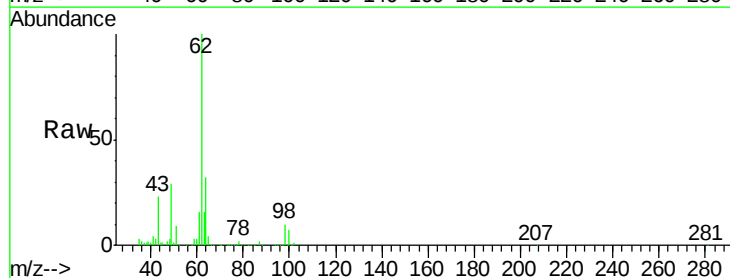
Manual Integrations
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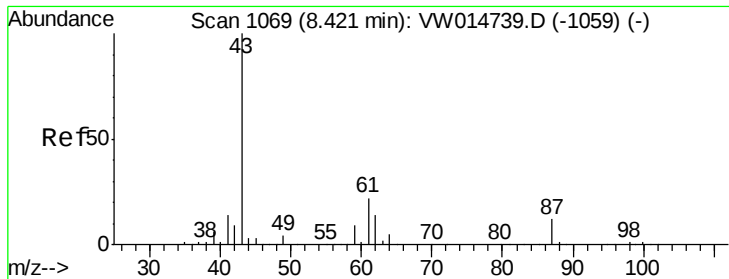
MMDadoda
1/27/2020 12:06:33 PM



#42
1,2-Dichloroethane
Concen: 20.134 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.6





#43

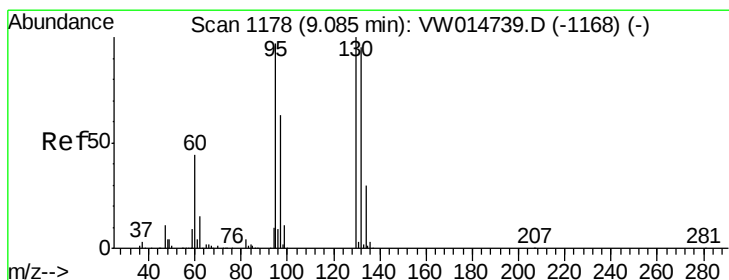
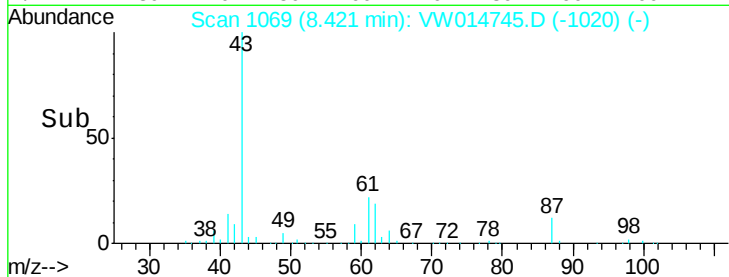
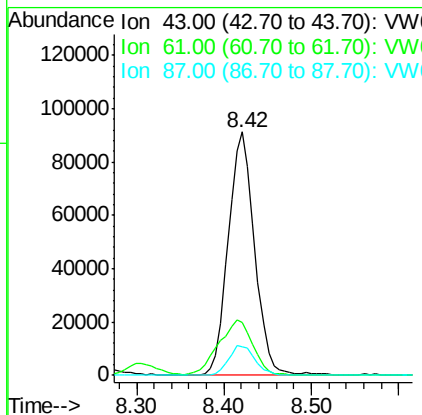
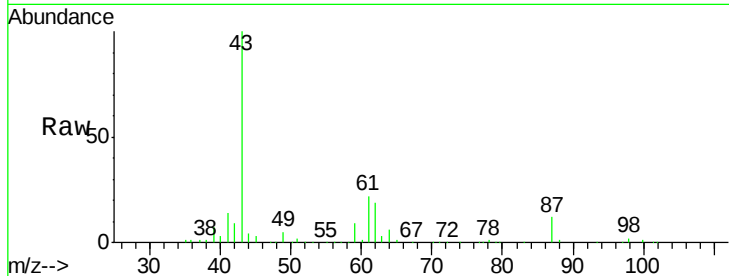
Isopropyl Acetate
 Concen: 20.396 ug/l
 RT: 8.42 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.5	24.4	36.6
87	12.5	9.8	14.6

Manual Integrations
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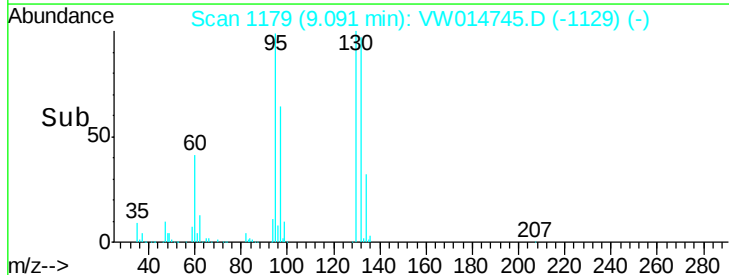
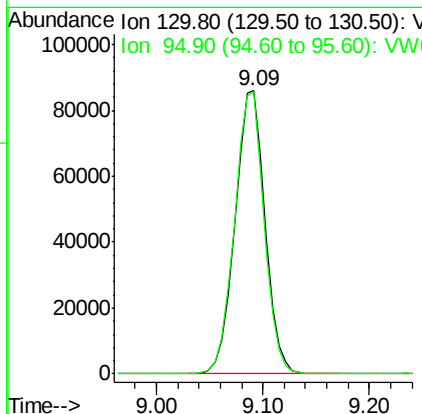
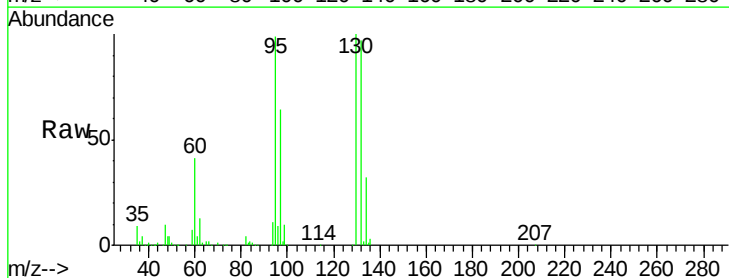
MMDadoda
 1/27/2020 12:06:33 PM

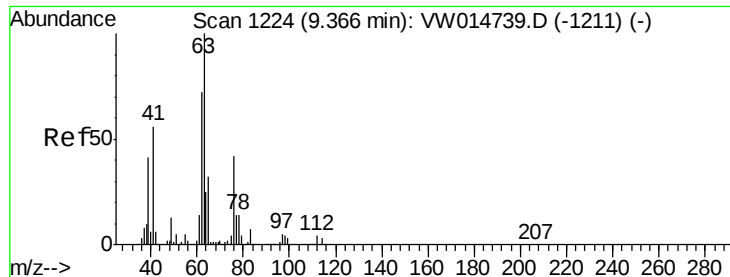


#44

Trichloroethene
 Concen: 20.563 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	193.2





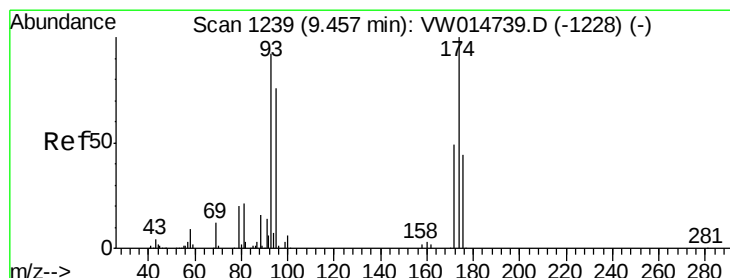
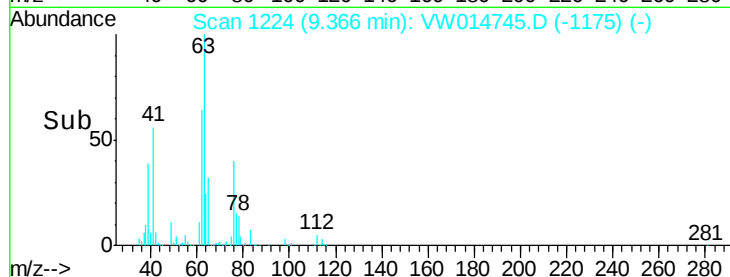
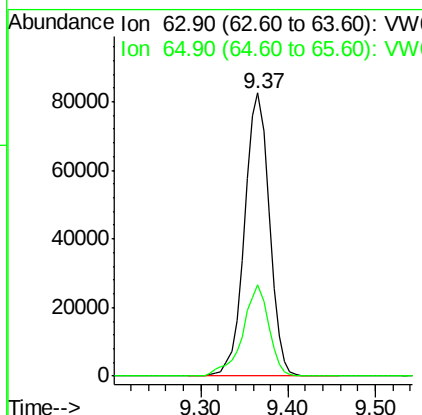
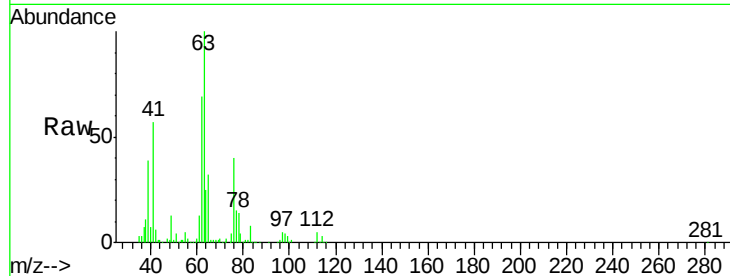
#45
 1,2-Dichloropropane
 Concen: 20.225 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.3	37.9

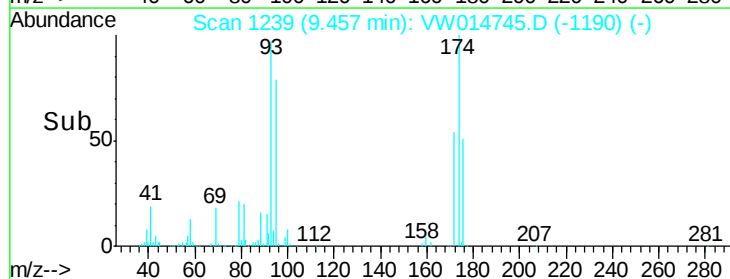
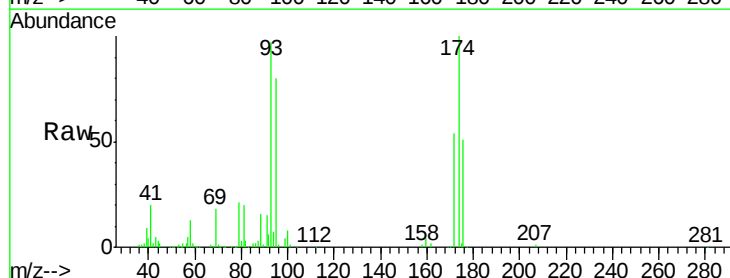
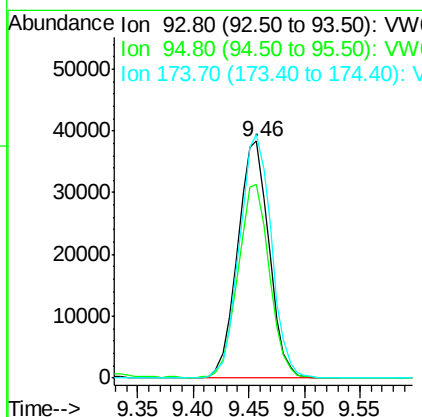
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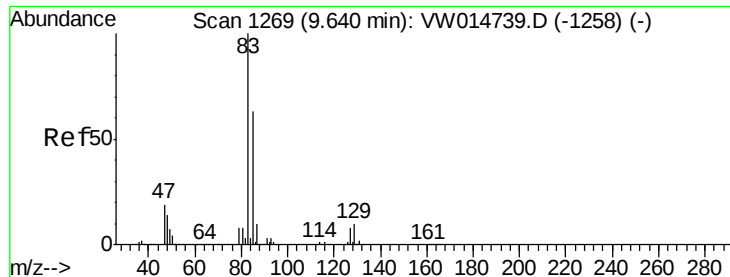
MMDadoda
 1/27/2020 12:06:33 PM



#46
 Dibromomethane
 Concen: 19.777 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	65.4	98.2
174	104.6	84.2	126.2





#47

Bromodichloromethane

Concen: 19.730 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

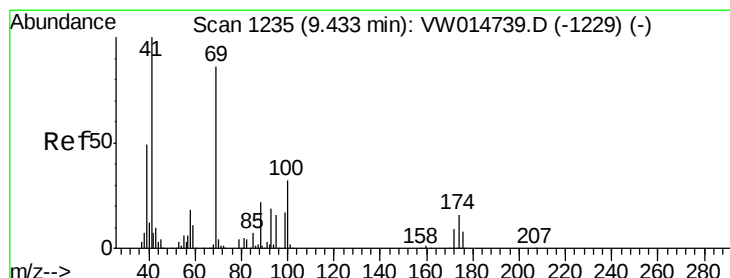
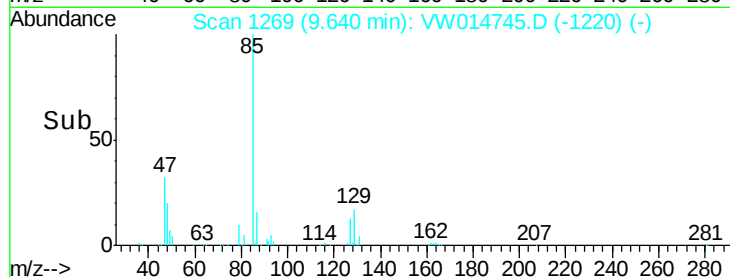
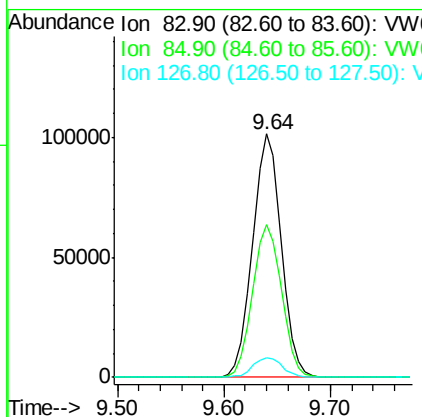
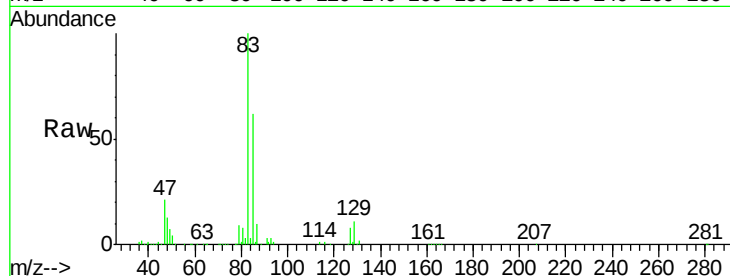
ClientSampleId :

VW0124SBS01

Tot Ion:	83	Resp:	191885
Ion Ratio	Lower	Upper	
83	100		
85	62.5	50.1	75.1
127	8.1	6.5	9.7

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#48

Methyl methacrylate

Concen: 21.136 ug/l

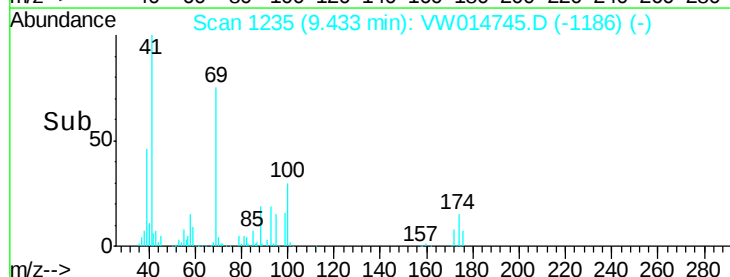
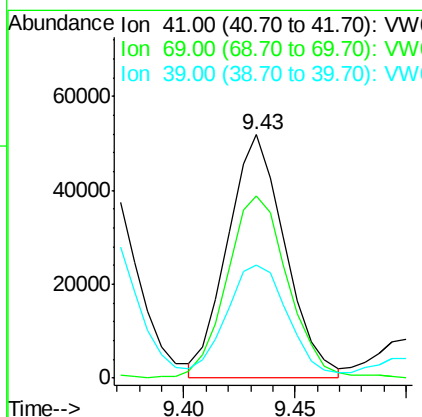
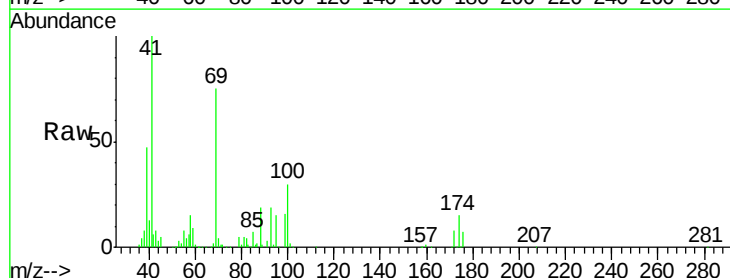
RT: 9.43 min Scan# 1235

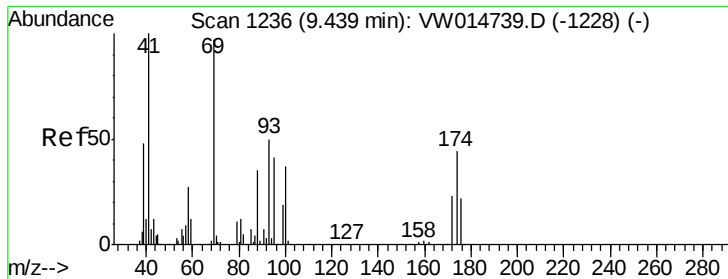
Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Tgt Ion:	41	Resp:	92787
Ion Ratio	Lower	Upper	
41	100		
69	79.4	69.6	104.4
39	45.4	40.2	60.4





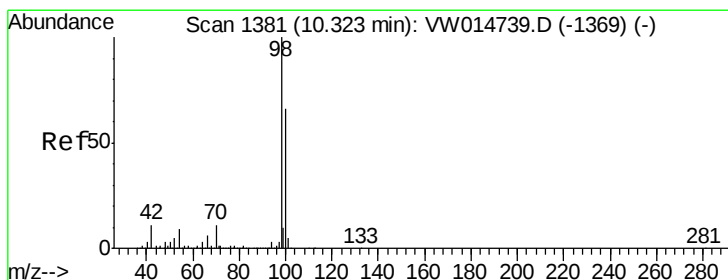
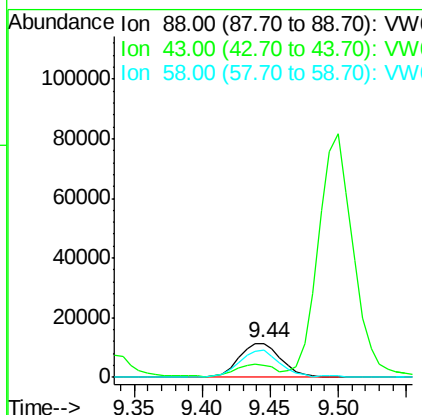
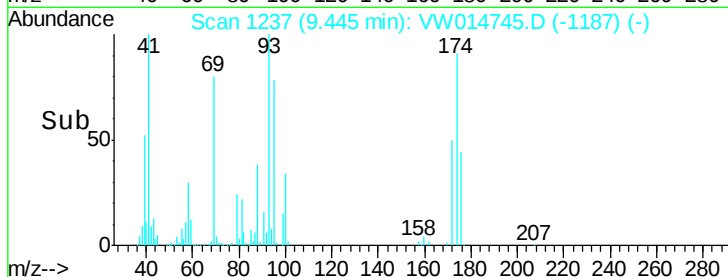
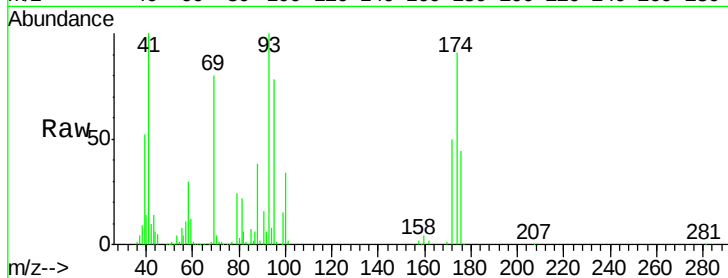
#49
1,4-Dioxane
Concen: 361.673 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

Tot Ion	88	Resp	24897
Ion	Ratio	Lower	Upper
88	100		
43	32.4	27.1	40.7
58	81.8	58.7	88.1

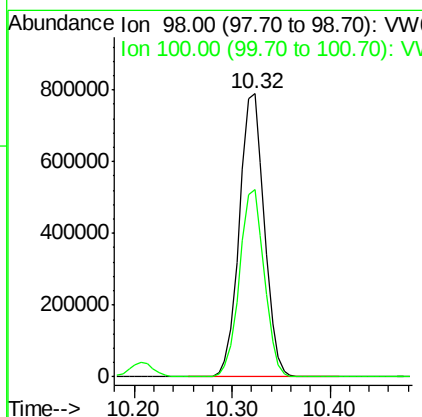
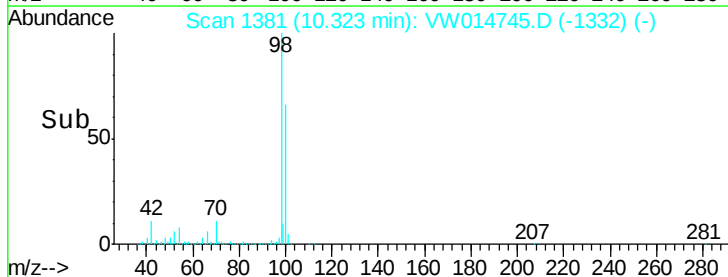
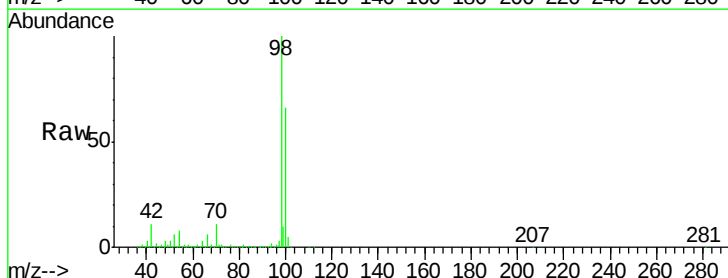
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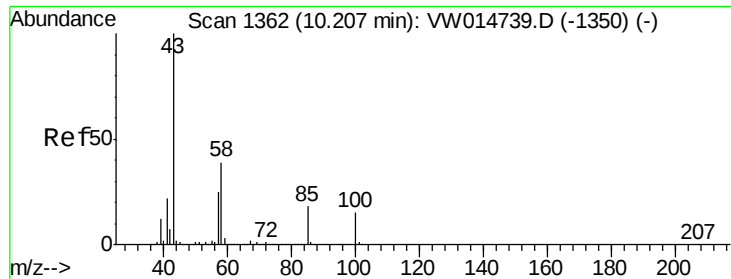
MMDadoda
1/27/2020 12:06:33 PM



#50
Toluene-d8
Concen: 50.870 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion	98	Resp	1393783
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 102.804 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

Tot Ion: 43 Resp: 498576

Ion Ratio Lower Upper

43 100

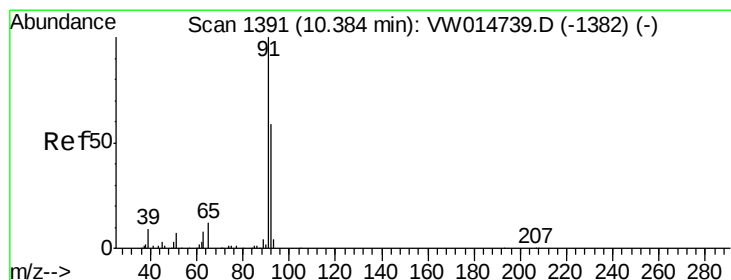
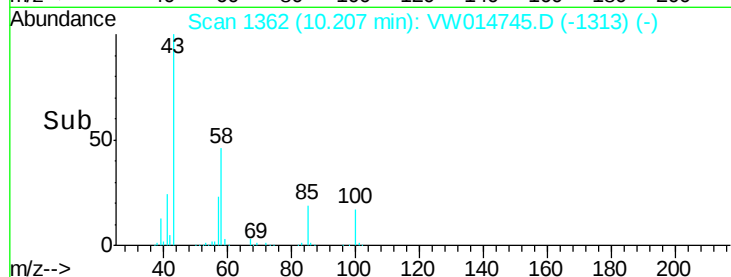
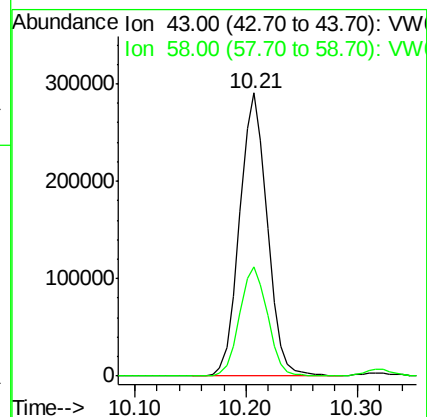
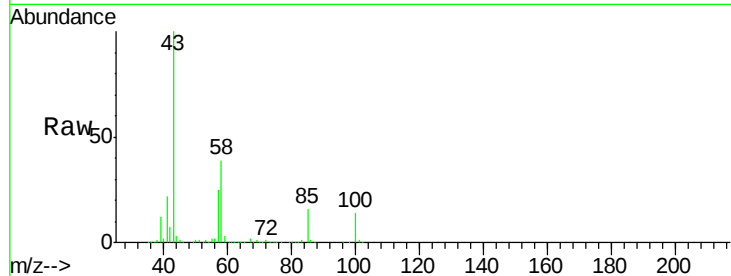
58 39.1 31.4 47.0

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#52

Toluene

Concen: 20.661 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014745.D

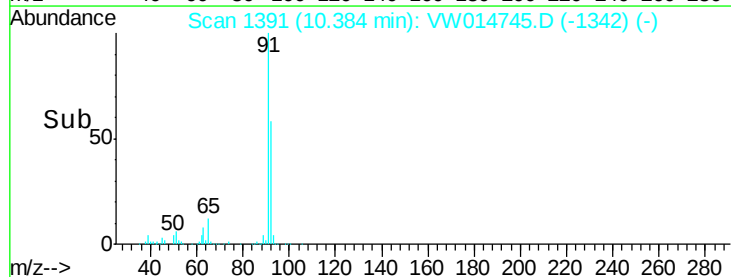
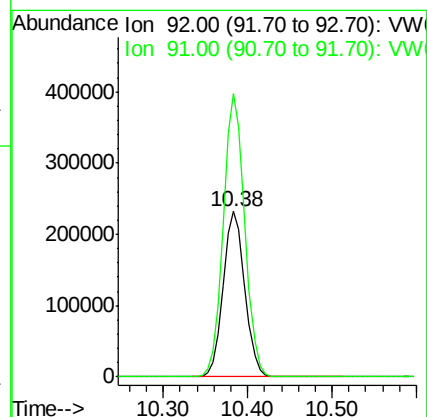
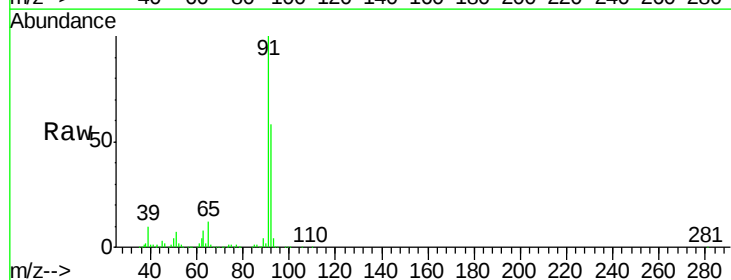
Acq: 24 Jan 2020 15:40

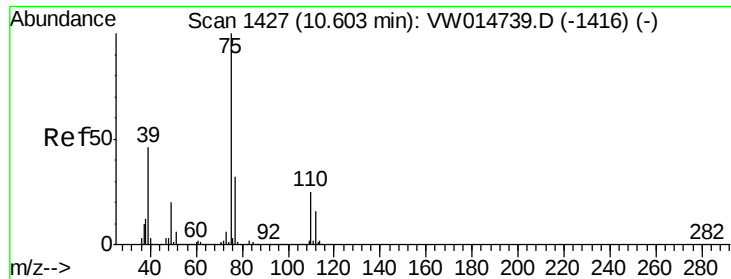
Tgt Ion: 92 Resp: 407752

Ion Ratio Lower Upper

92 100

91 169.6 135.8 203.8





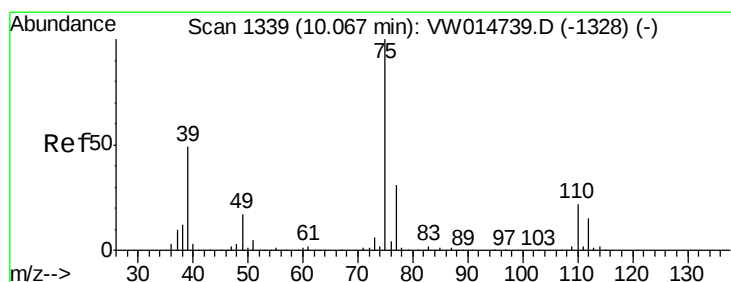
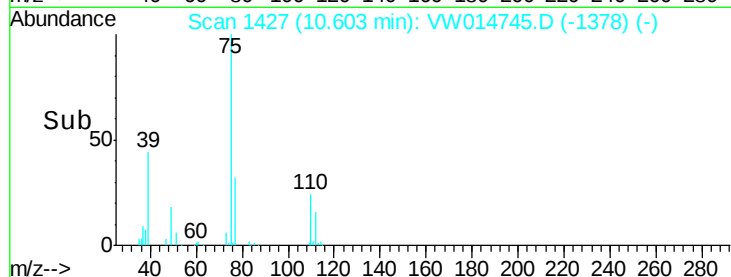
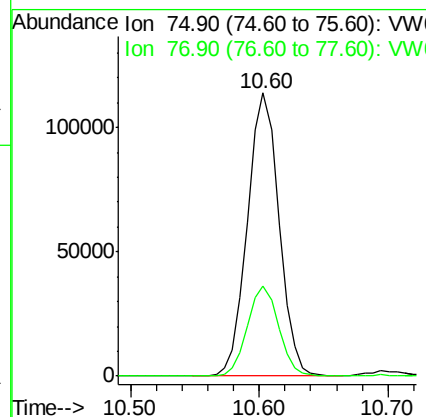
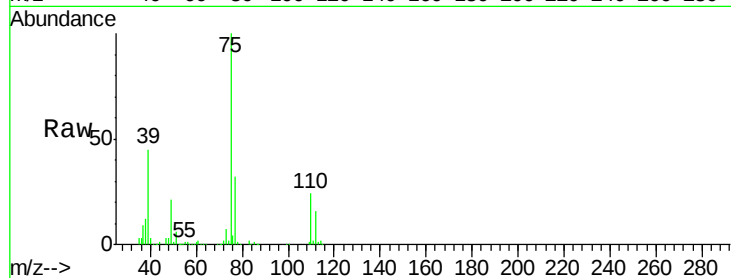
#53
t-1,3-Dichloropropene
Concen: 19.920 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.7	38.5

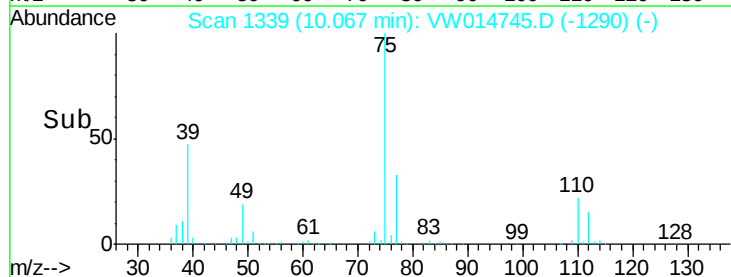
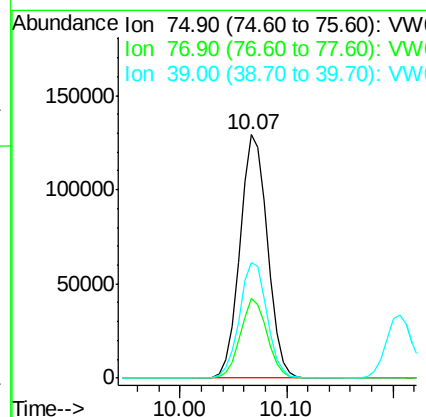
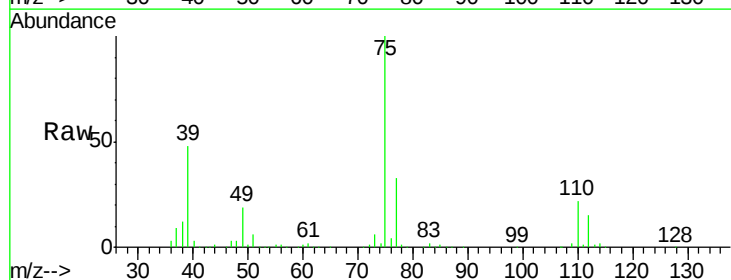
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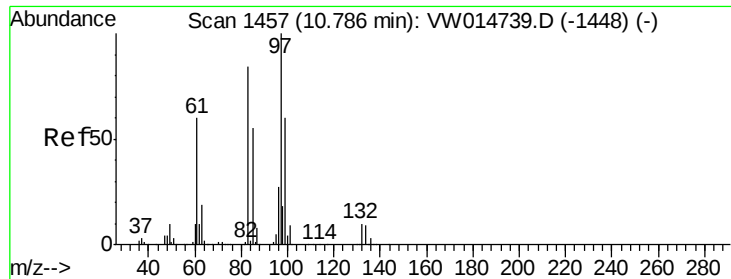
MMDadoda
1/27/2020 12:06:33 PM



#54
cis-1,3-Dichloropropene
Concen: 19.855 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.0	37.4
39	47.7	39.0	58.6





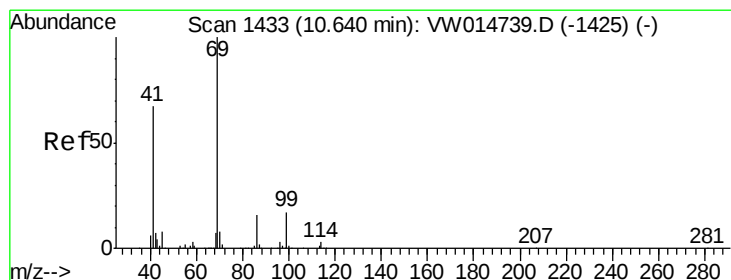
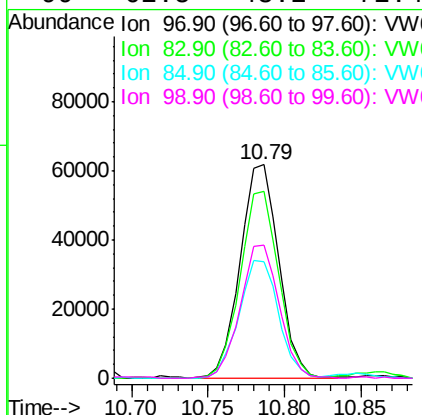
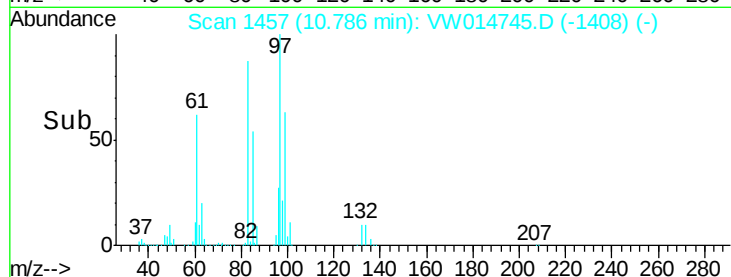
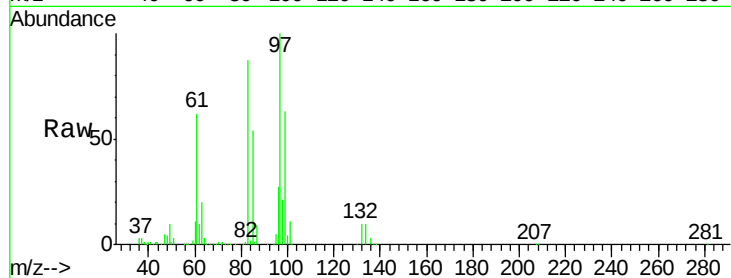
#55
 1,1,2-Trichloroethane
 Concen: 19.860 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

Tot Ion:	97	Resp:	108031
Ion	Ratio	Lower	Upper
97	100		
83	87.7	67.1	100.7
85	54.4	44.2	66.2
99	62.5	48.2	72.4

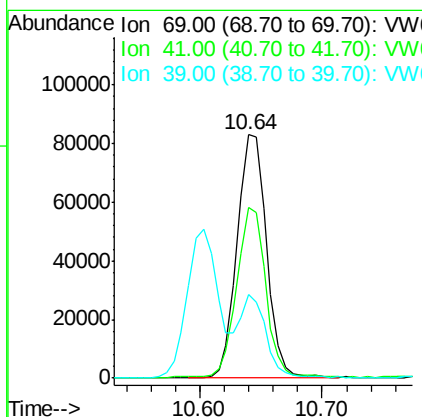
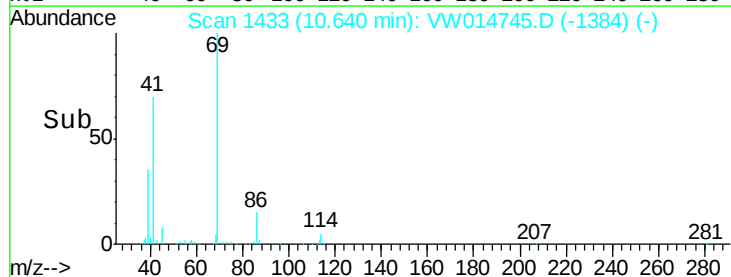
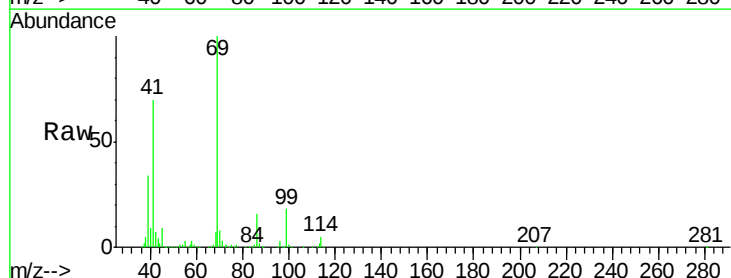
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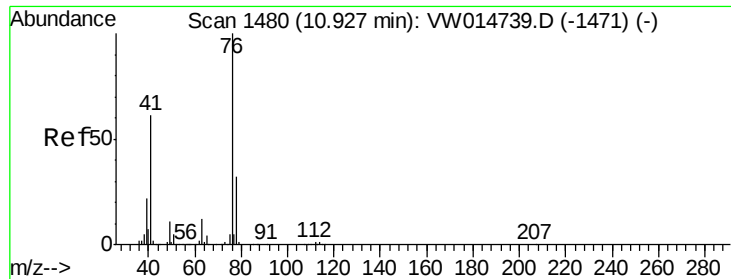
MMDadoda
 1/27/2020 12:06:33 PM



#56
 Ethyl methacrylate
 Concen: 19.825 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Tgt Ion:	69	Resp:	138984
Ion	Ratio	Lower	Upper
69	100		
41	68.5	54.4	81.6
39	29.2	22.4	33.6





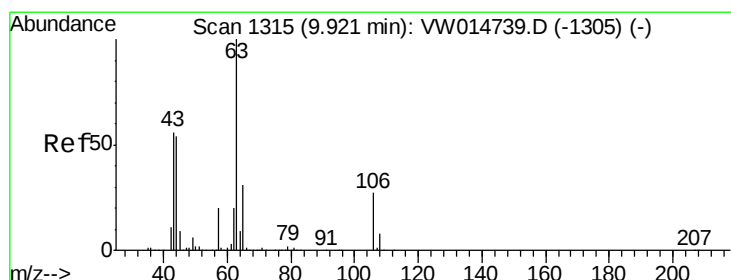
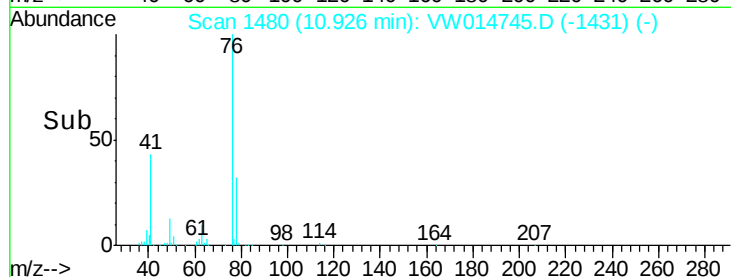
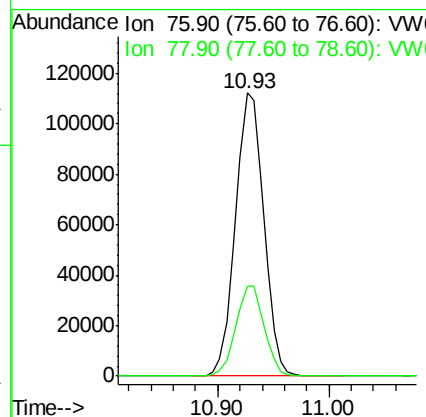
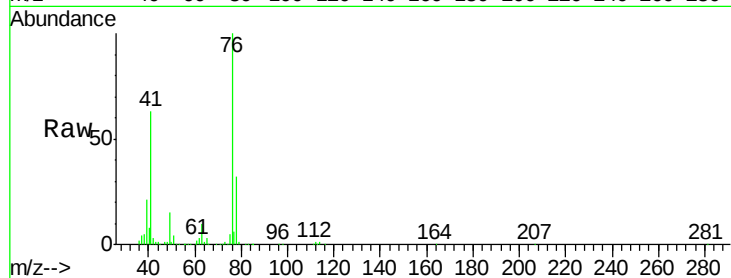
#57
 1,3-Dichloropropane
 Concen: 20.300 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.7	38.5

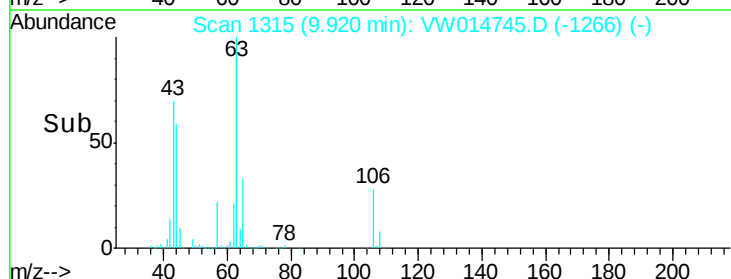
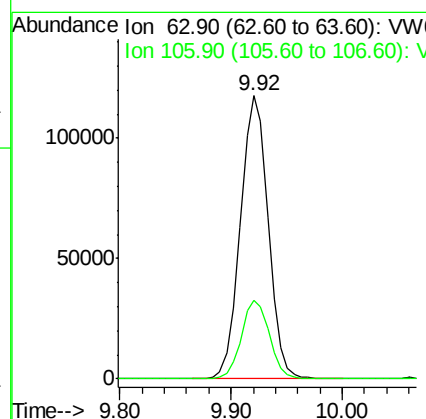
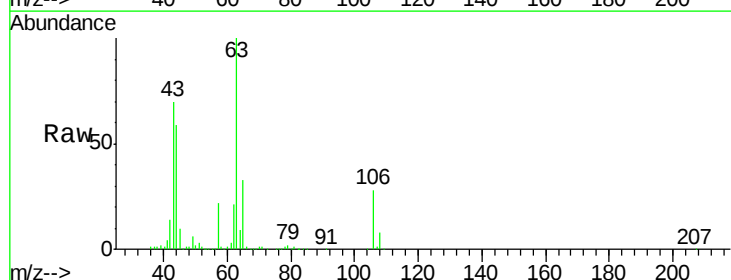
Manual Integrations
 APPROVED

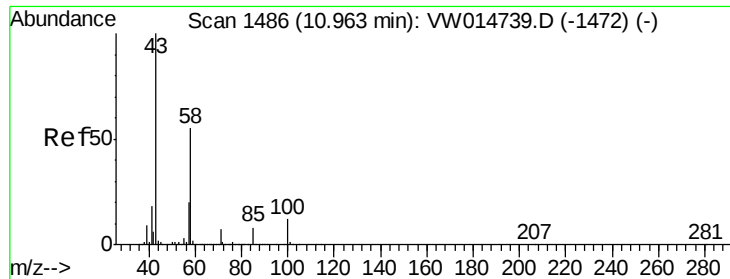
MMDadoda
 1/27/2020 12:06:33 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.924 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	21.8	32.8





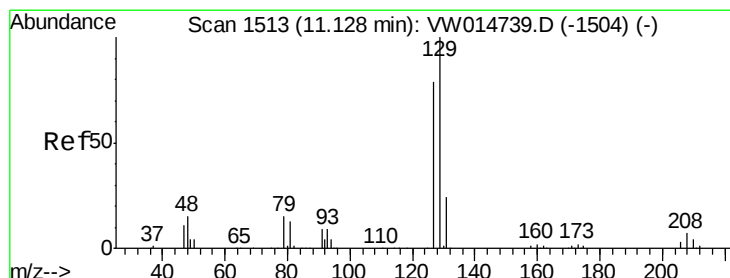
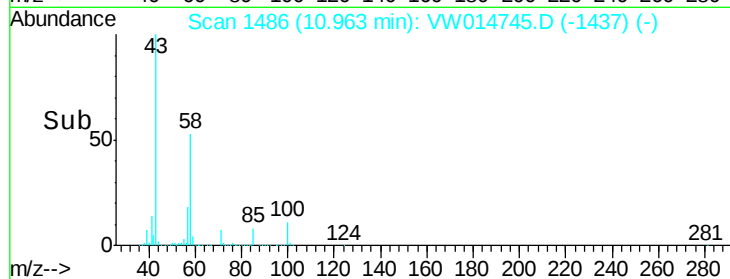
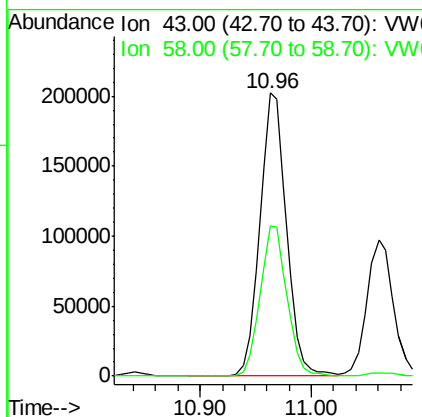
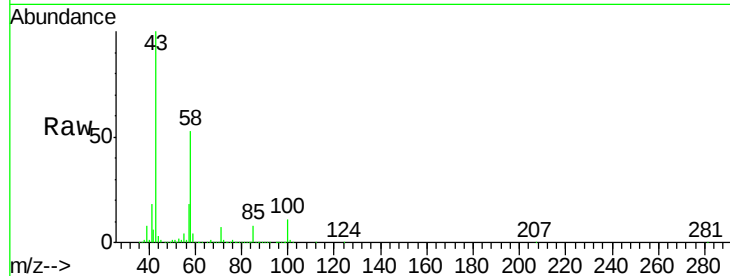
#59
2-Hexanone
Concen: 103.218 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

Tot Ion: 43 Resp: 337325
Ion Ratio Lower Upper
43 100
58 53.5 27.3 81.8

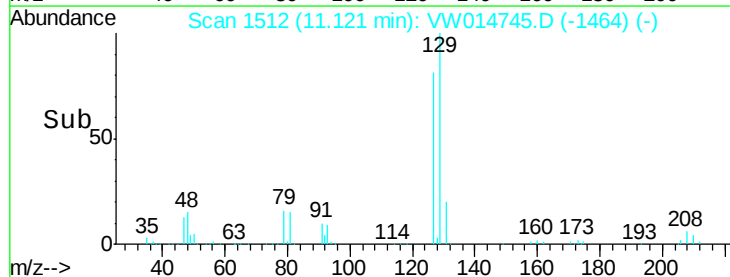
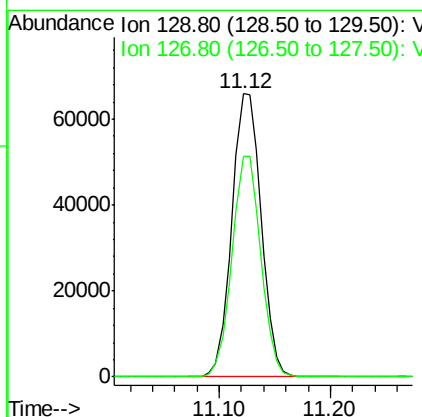
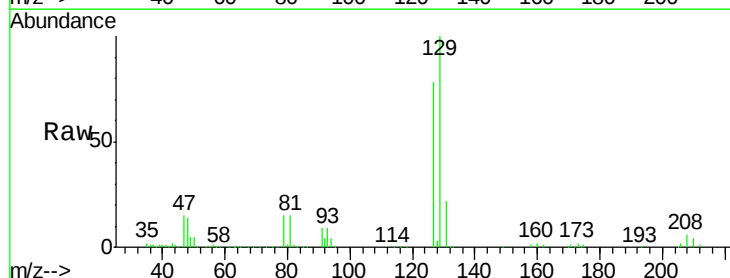
Manual Integrations
APPROVED

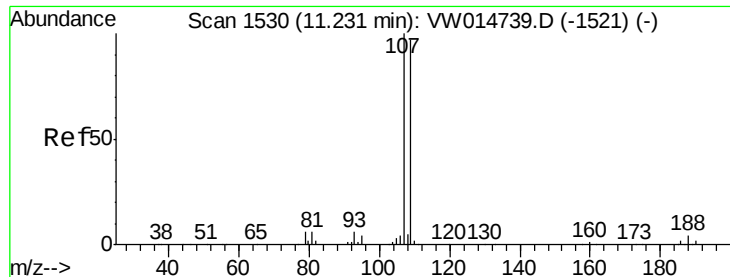
MMDadoda
1/27/2020 12:06:33 PM



#60
Dibromochloromethane
Concen: 19.757 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion:129 Resp: 120109
Ion Ratio Lower Upper
129 100
127 76.7 39.9 119.6





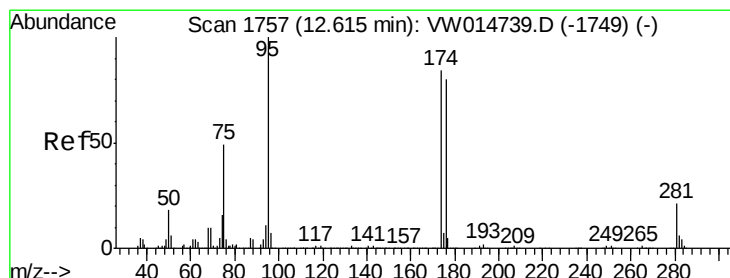
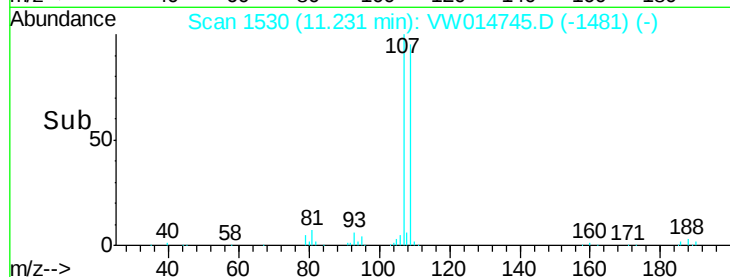
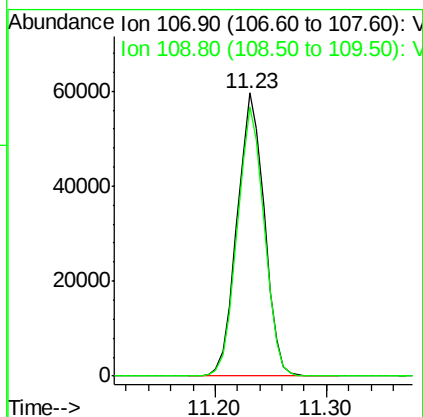
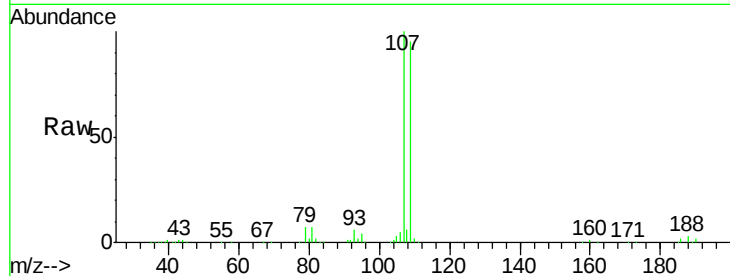
#61
 1,2-Dibromoethane
 Concen: 19.799 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	76.7	115.1

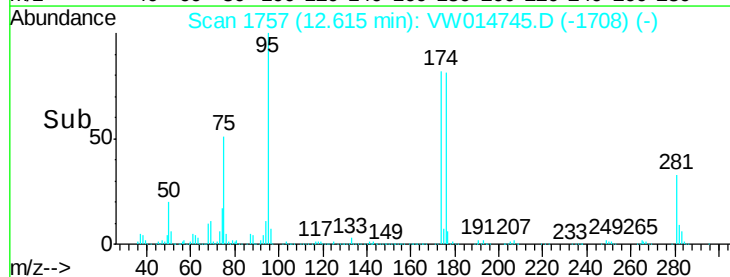
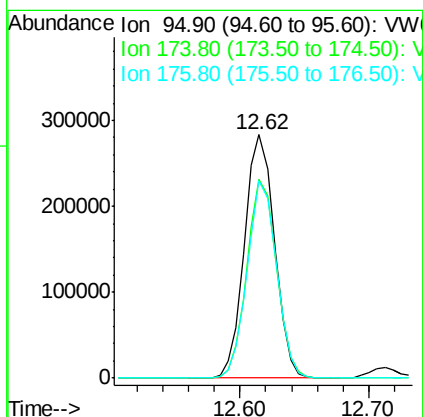
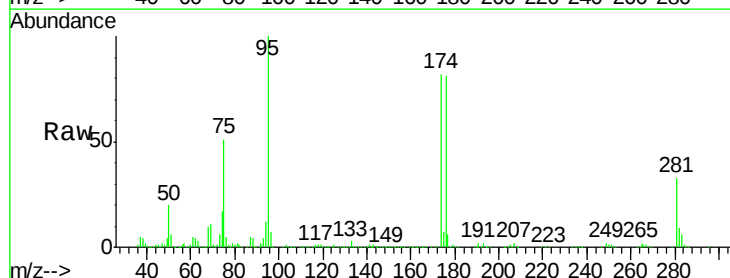
Manual Integrations
 APPROVED

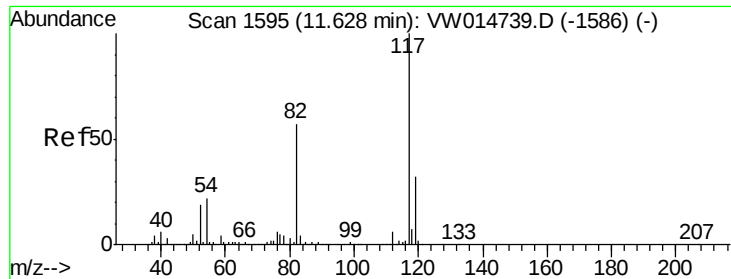
MMDadoda
 1/27/2020 12:06:33 PM



#62
 4-Bromofluorobenzene
 Concen: 49.761 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.6	0.0	163.0
176	79.2	0.0	159.2





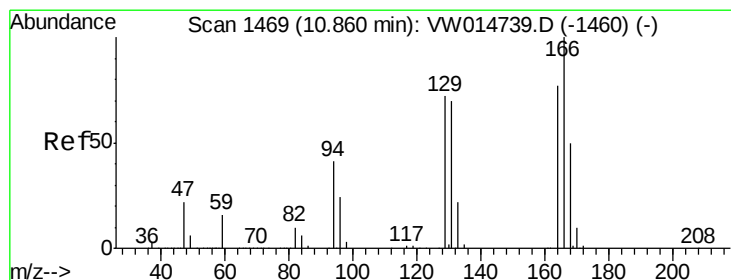
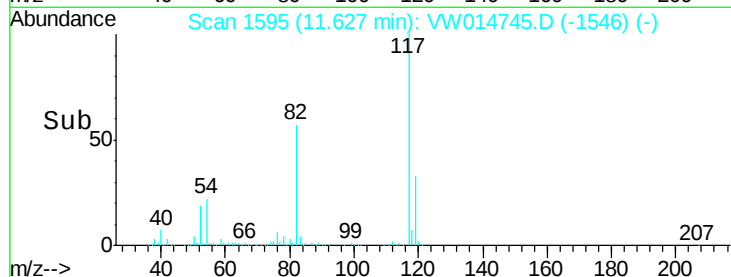
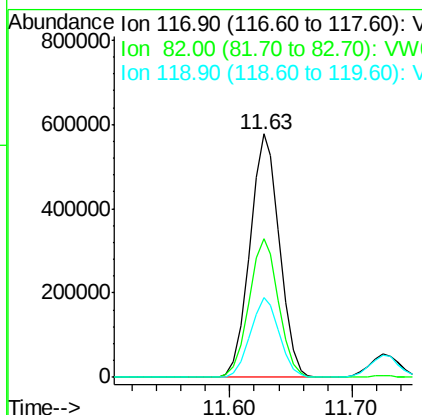
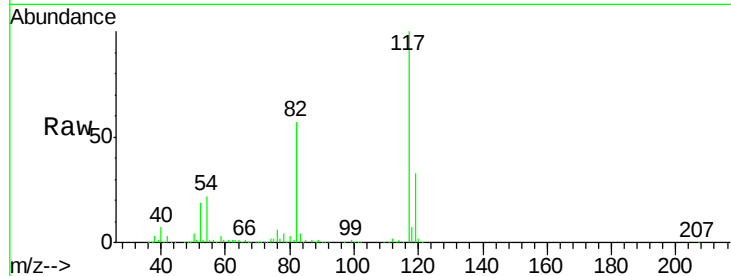
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	968299		
82	57.1		45.9	68.9
119	32.8		25.7	38.5

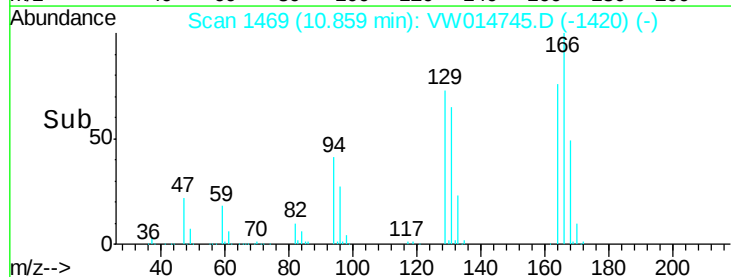
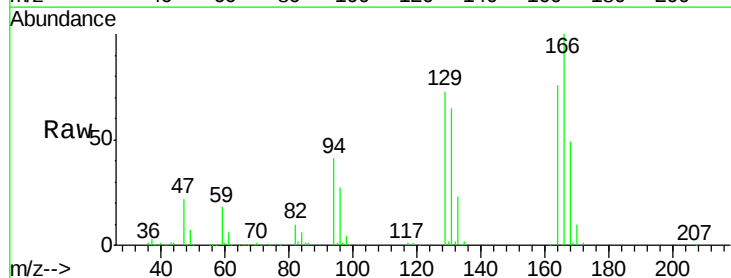
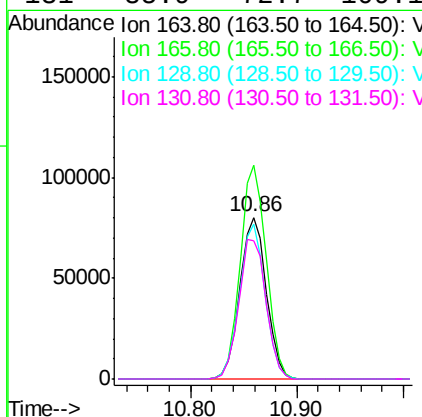
Manual Integrations
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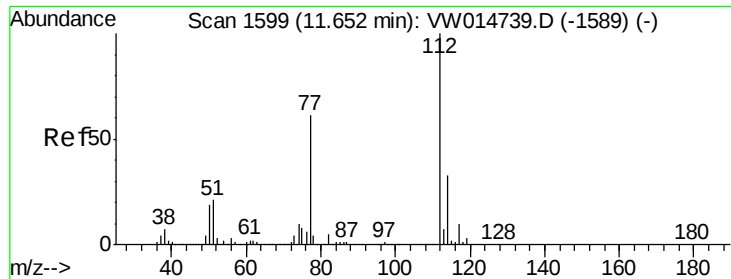
MMDadoda
1/27/2020 12:06:33 PM



#64
Tetrachloroethene
Concen: 20.844 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	139770		
166	132.3		104.0	156.0
129	96.0		75.0	112.4
131	85.9		72.7	109.1





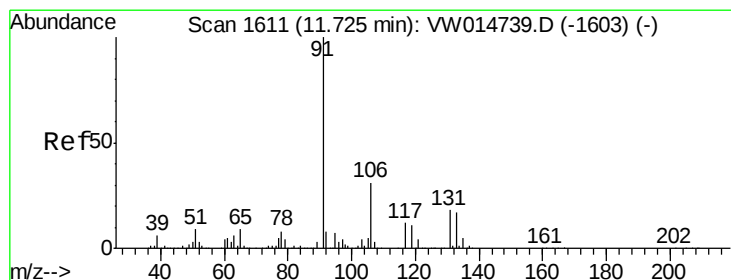
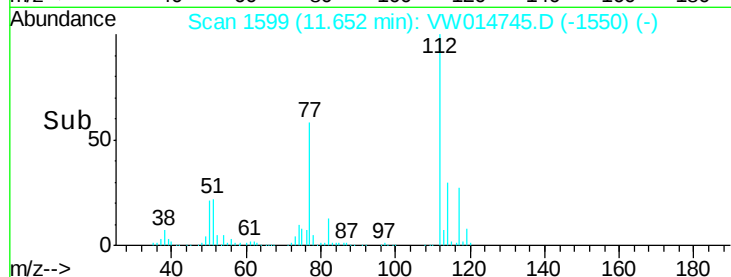
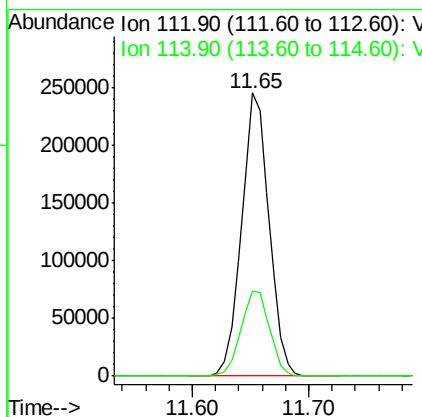
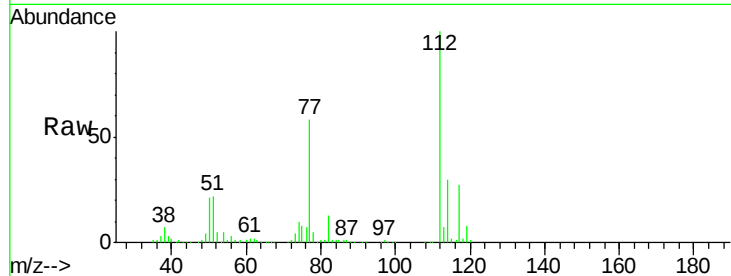
#65
Chlorobenzene
Concen: 20.663 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

Tot Ion:112 Resp: 404803
Ion Ratio Lower Upper
112 100
114 30.1 26.0 39.0

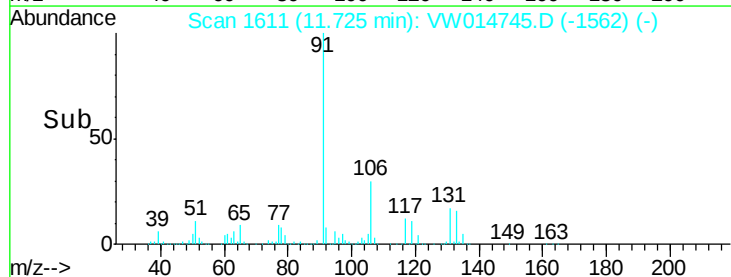
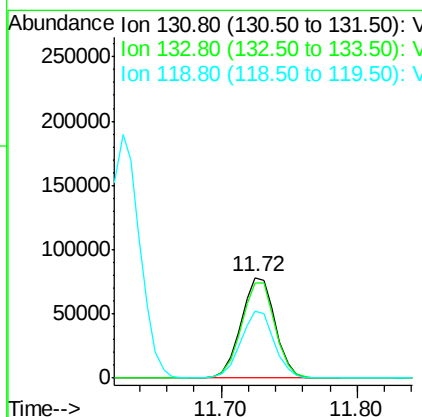
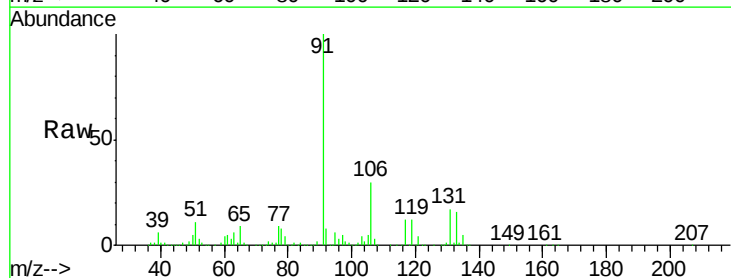
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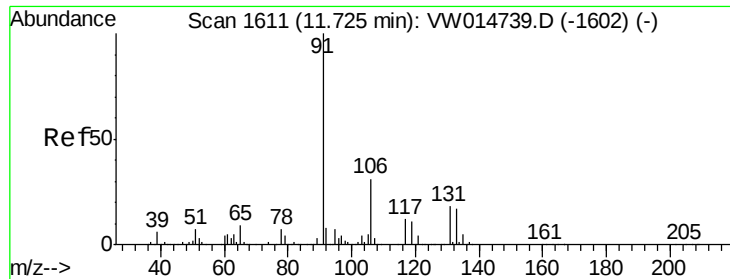
MMDadoda
1/27/2020 12:06:33 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.600 ug/l
RT: 11.72 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion:131 Resp: 136681
Ion Ratio Lower Upper
131 100
133 93.8 48.0 144.2
119 65.0 33.0 98.9





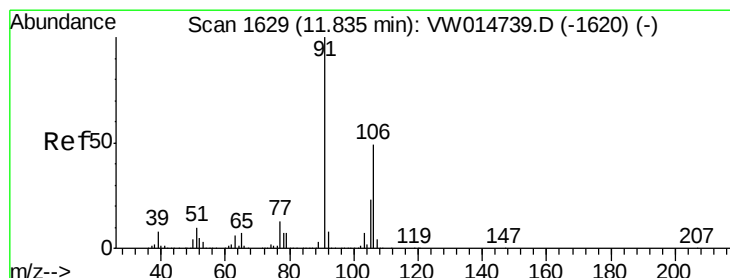
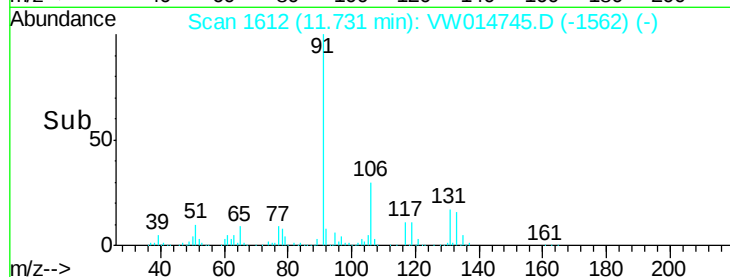
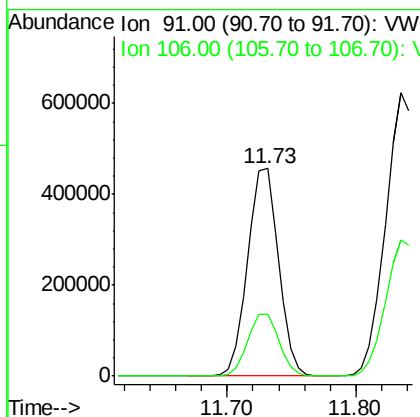
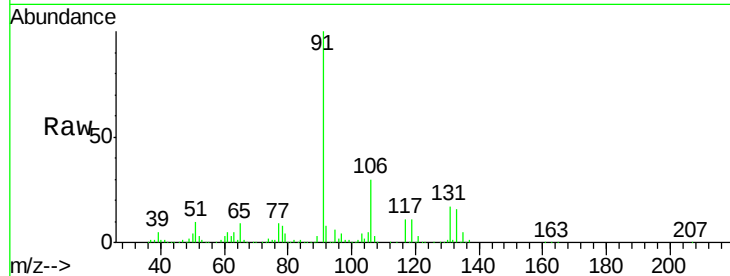
#67
Ethyl Benzene
Concen: 21.147 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampled :
VW0124SBS01

Tot Ion: 91 Resp: 754793
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7

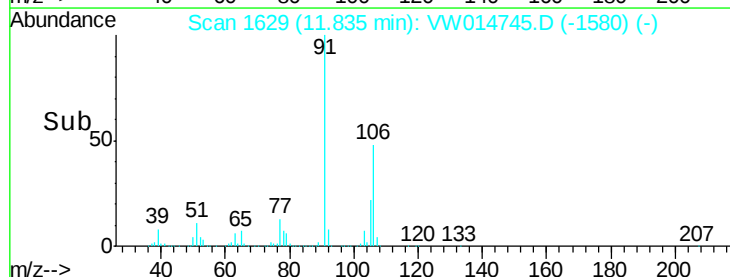
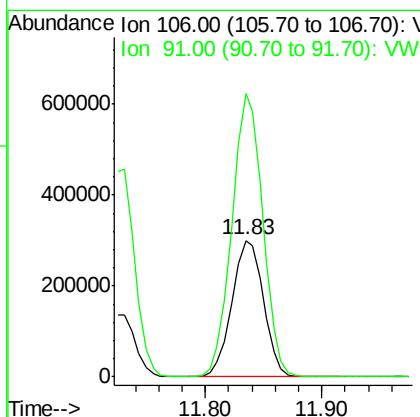
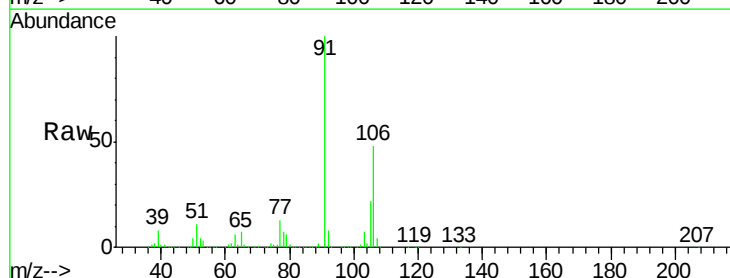
Manual Integrations
APPROVED

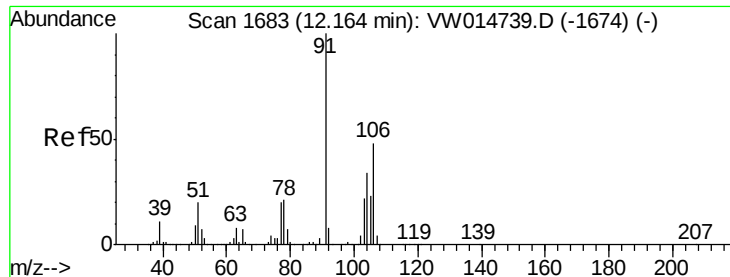
MMDadoda
1/27/2020 12:06:33 PM



#68
m/p-Xylenes
Concen: 41.974 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion: 106 Resp: 566321
Ion Ratio Lower Upper
106 100
91 203.2 161.4 242.0





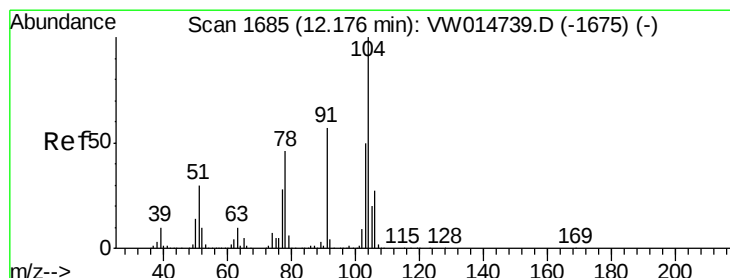
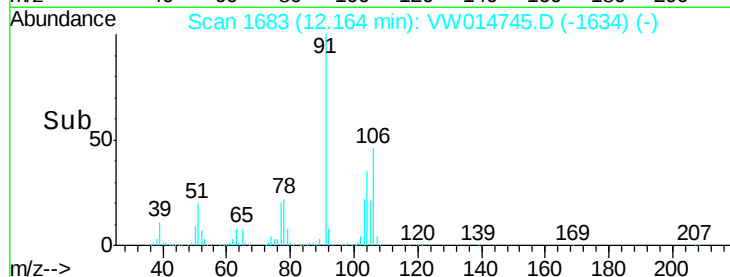
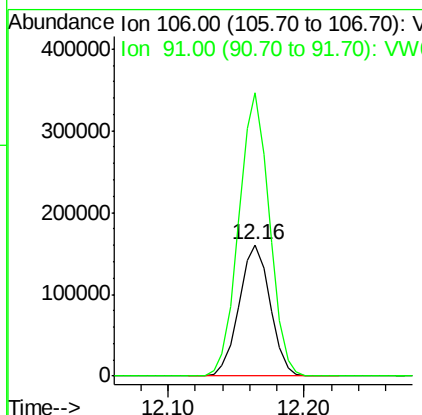
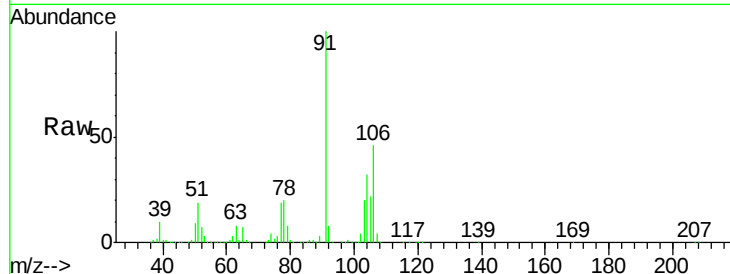
#69
o-Xylene
Concen: 21.044 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.6	107.1	321.3

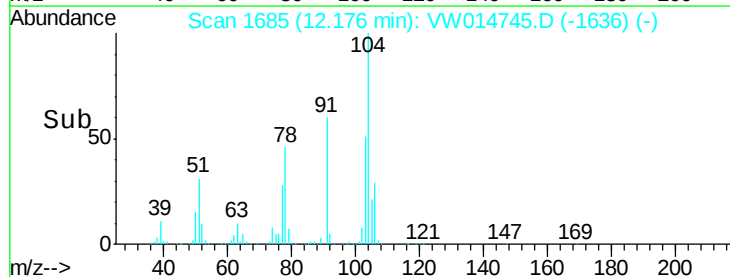
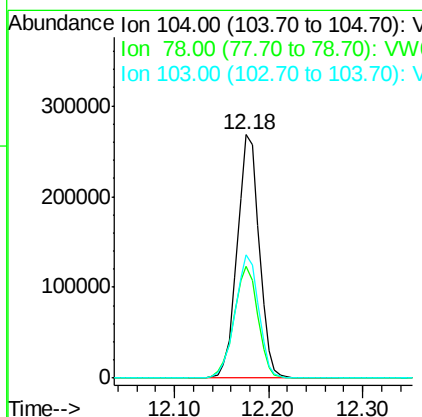
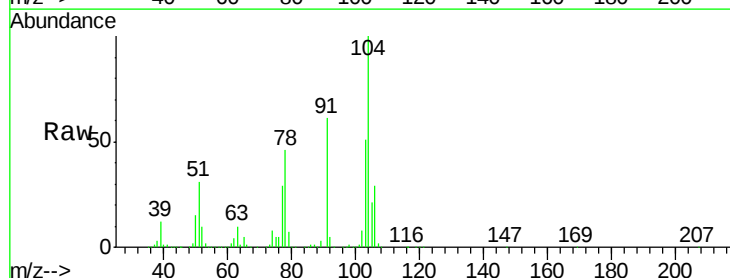
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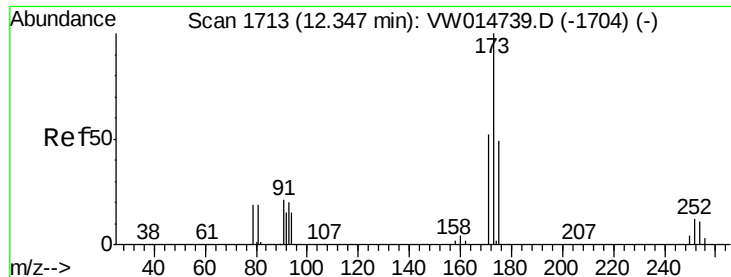
MMDadoda
1/27/2020 12:06:33 PM



#70
Styrene
Concen: 20.824 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.8	39.8	59.8
103	54.3	44.0	66.0





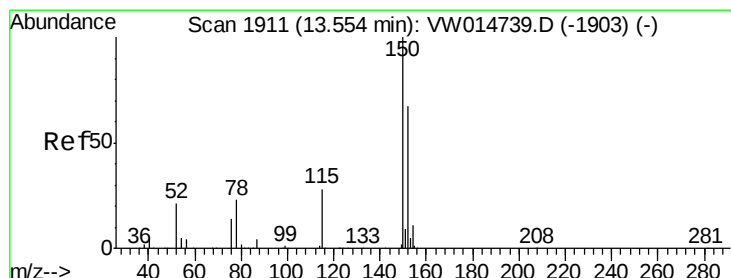
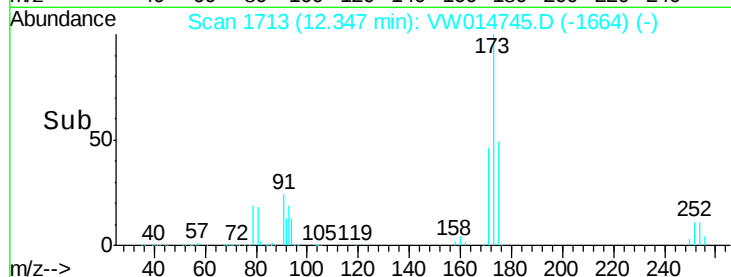
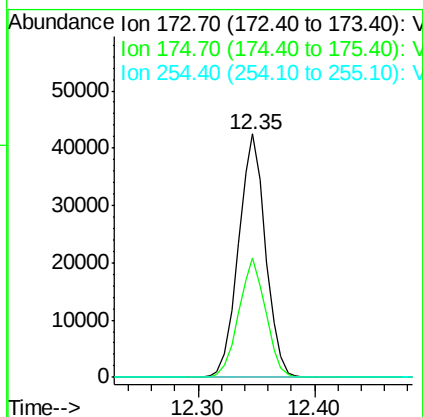
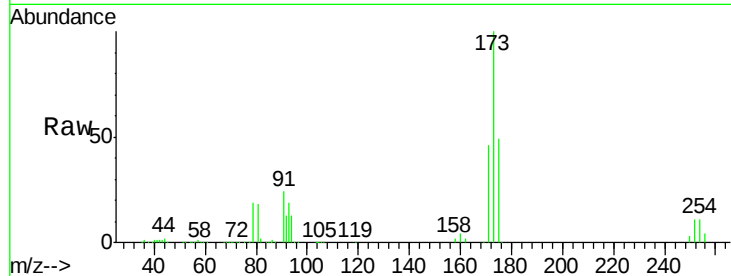
#71
Bromoform
Concen: 20.227 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.4	73.2
254	0.1	0.1	0.1#

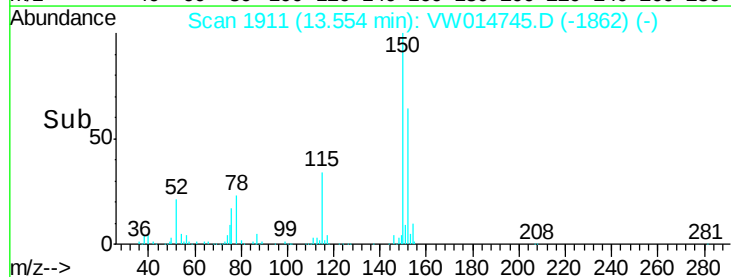
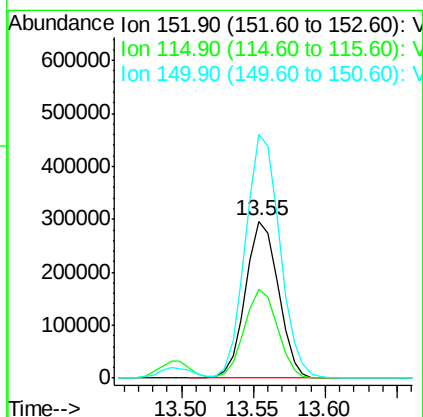
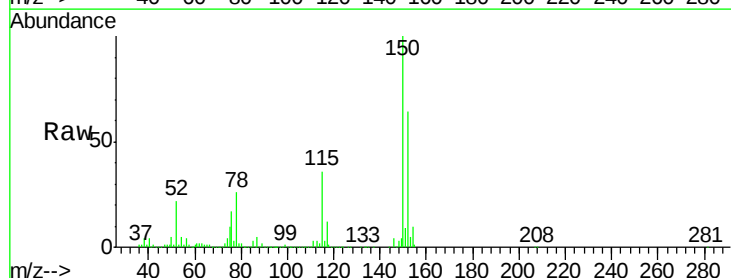
Manual Integrations
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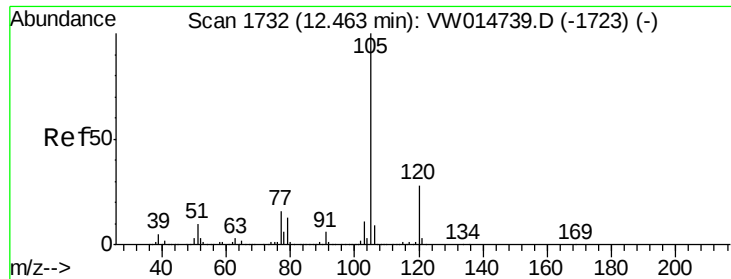
MMDadoda
1/27/2020 12:06:33 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	29.0	87.1
150	163.0	0.0	354.0





#73

Isopropylbenzene

Concen: 21.483 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

Tot Ion:105 Resp: 712482

Ion Ratio Lower Upper

105 100

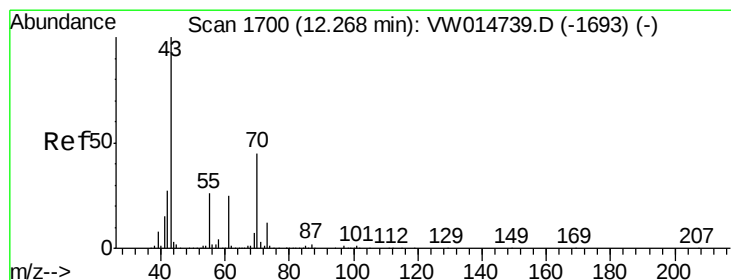
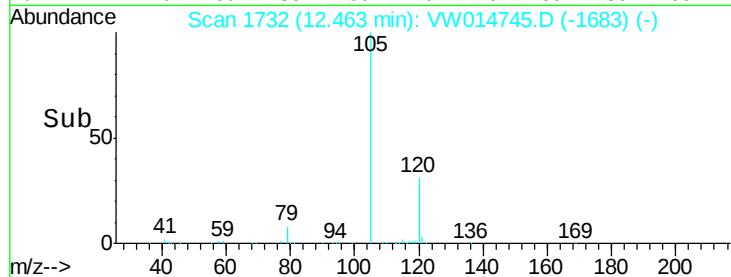
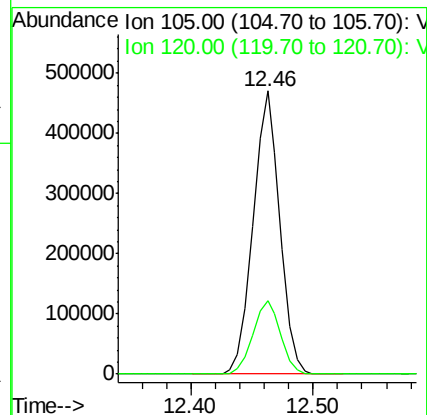
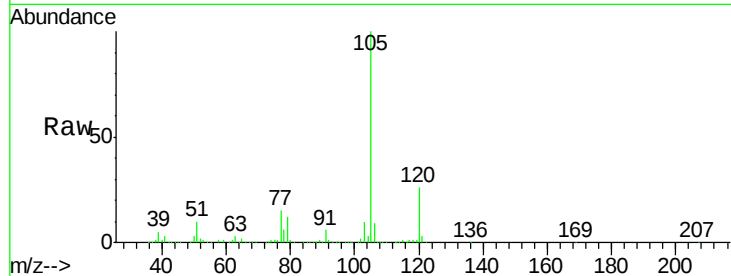
120 26.6 13.6 40.8

Manual Integrations

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MMDadoda

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#74

N-ethyl acetate

Concen: 20.781 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Tgt Ion: 43 Resp: 164145

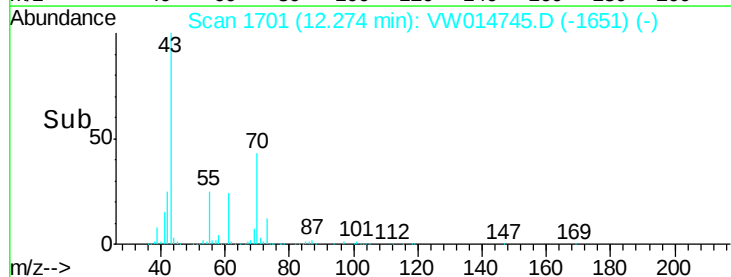
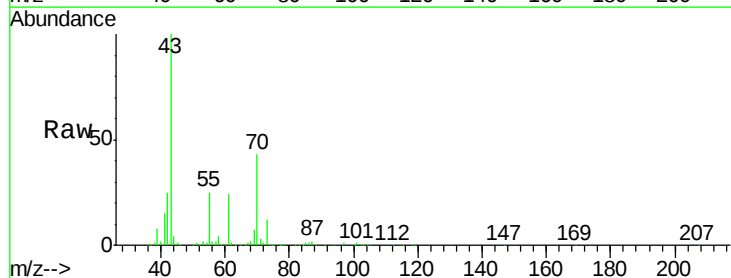
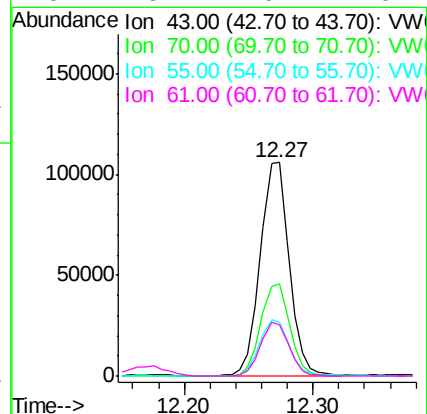
Ion Ratio Lower Upper

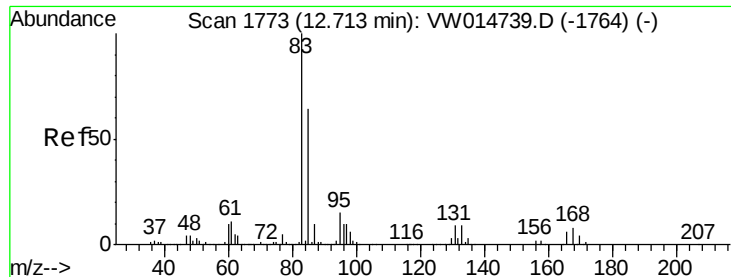
43 100

70 43.4 34.6 52.0

55 26.9 20.6 30.8

61 25.2 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.058 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

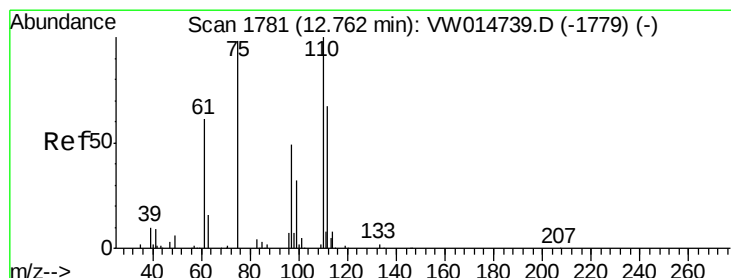
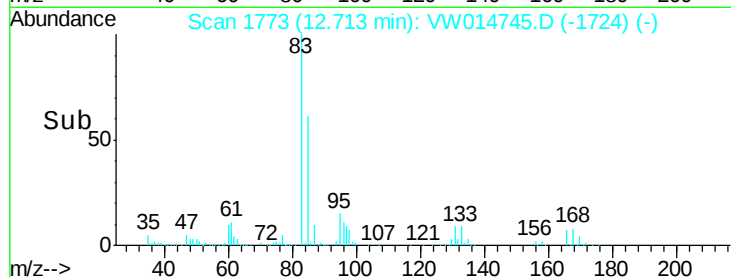
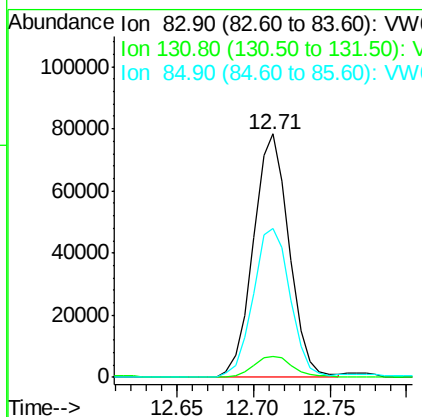
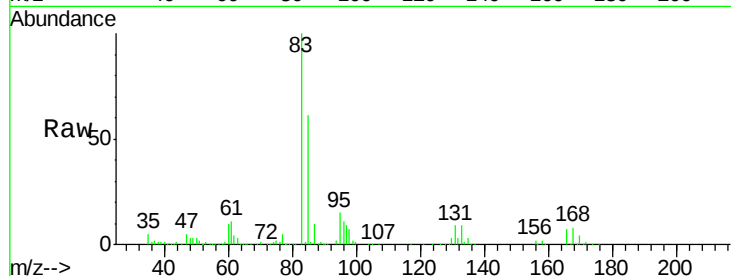
ClientSampleId :

VW0124SBSD01

Tot Ion:	83	Resp:	127475
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.4
85	63.4	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 20.887 ug/l m

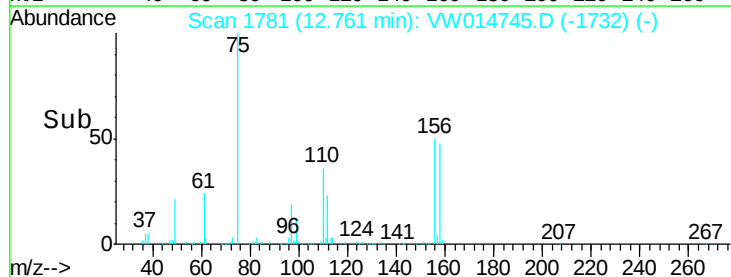
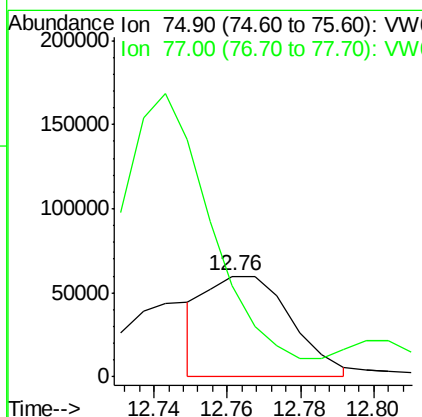
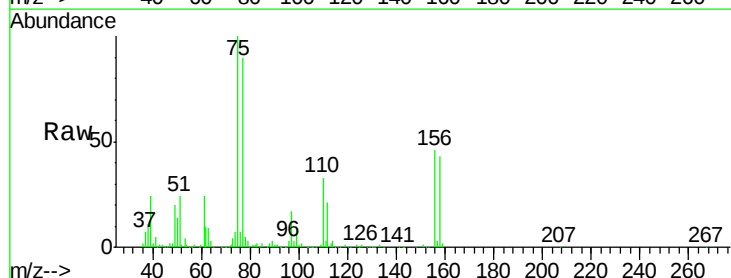
RT: 12.76 min Scan# 1781

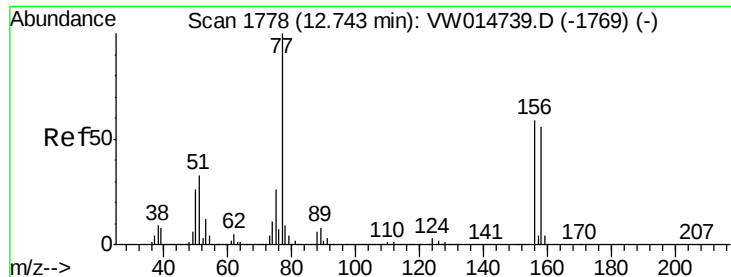
Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Tgt Ion:	75	Resp:	96927
Ion Ratio	Lower	Upper	
75	100		
77	319.4	167.9	503.9





#77

Bromobenzene

Concen: 20.985 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

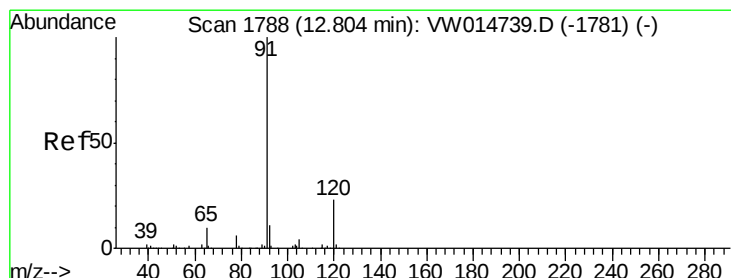
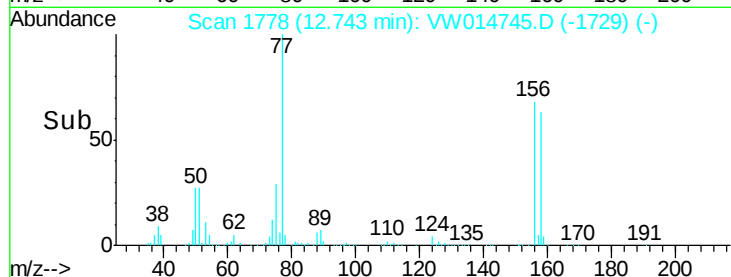
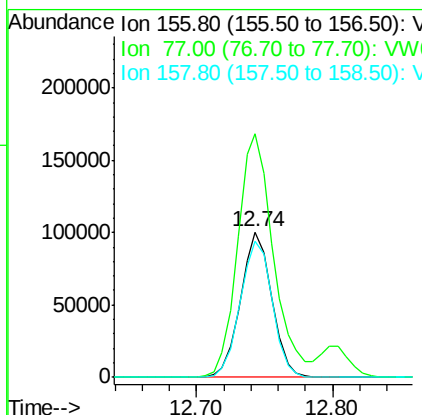
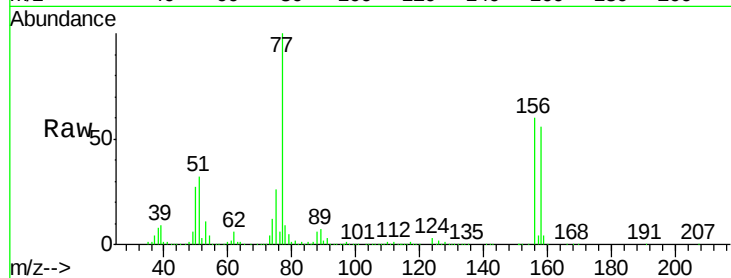
ClientSampleId :

VW0124SBS01

Tot Ion:	156	Resp:	160035
Ion Ratio	Lower	Upper	
156	100		
77	193.5	94.5	283.5
158	96.5	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 21.612 ug/l

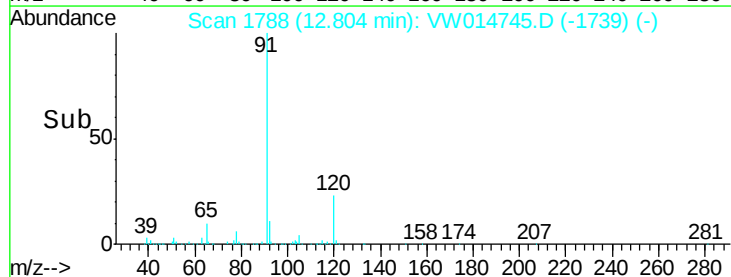
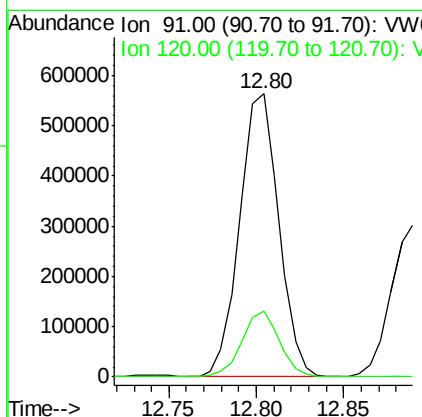
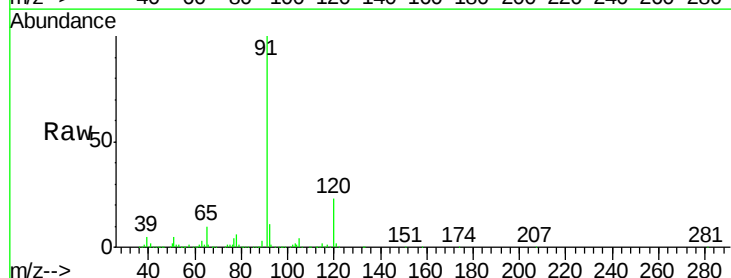
RT: 12.80 min Scan# 1788

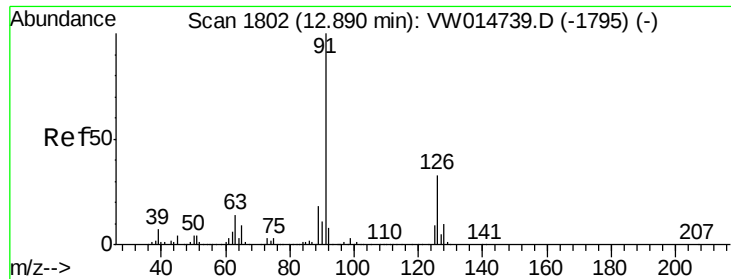
Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Tgt Ion:	91	Resp:	873140
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.3	33.9





#79

2-Chlorotoluene

Concen: 21.208 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

Tot Ion: 91 Resp: 485163

Ion Ratio Lower Upper

91 100

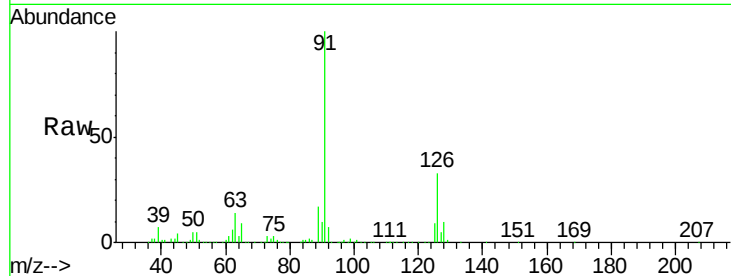
126 32.8 16.9 50.6

Manual Integrations

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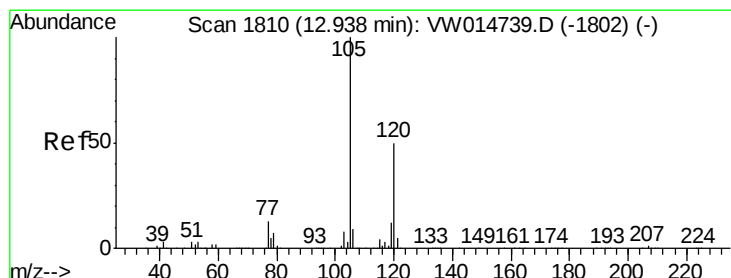
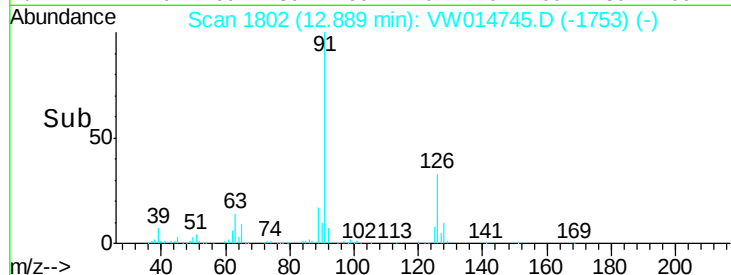
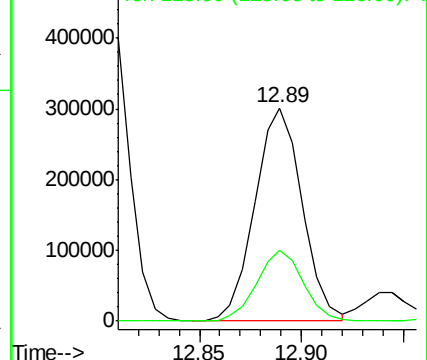
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.435 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW014745.D

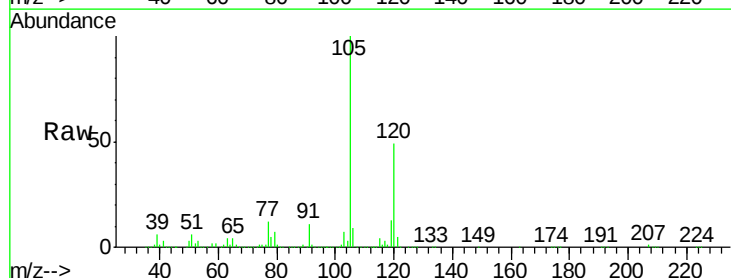
Acq: 24 Jan 2020 15:40

Tgt Ion: 105 Resp: 604726

Ion Ratio Lower Upper

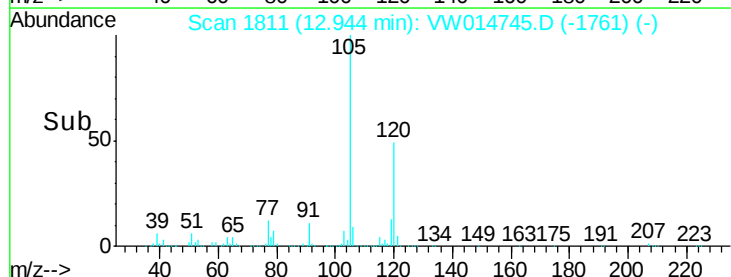
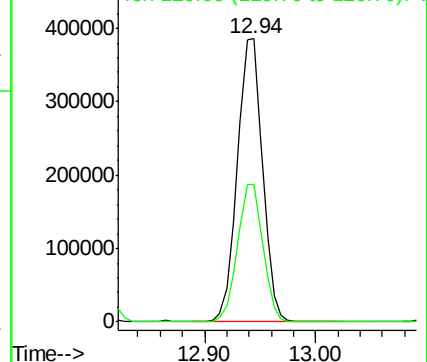
105 100

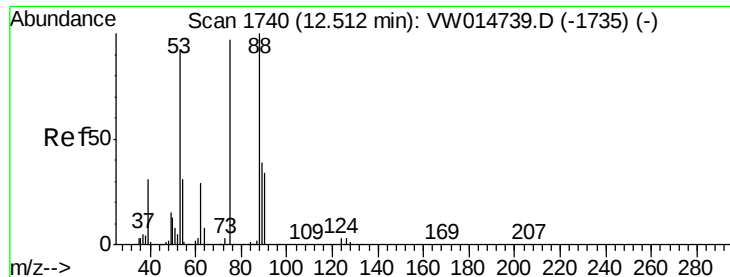
120 49.1 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





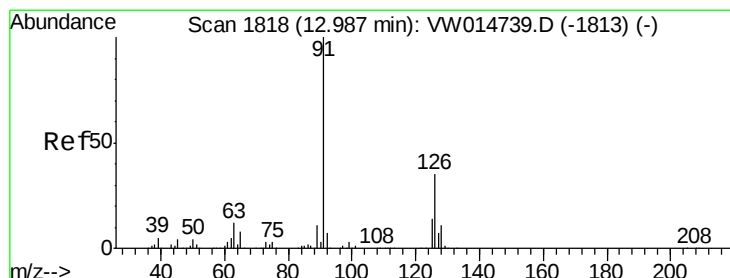
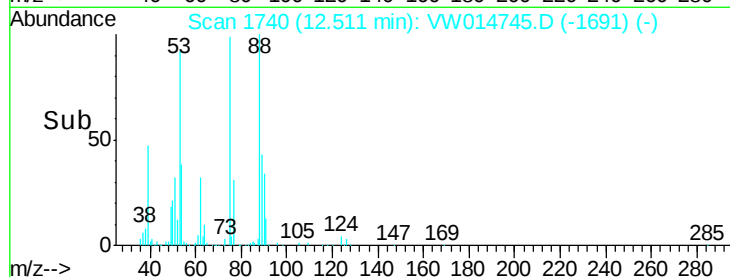
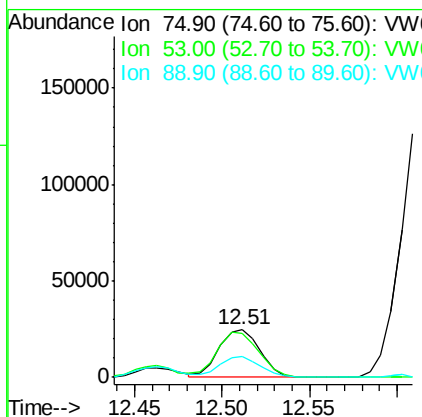
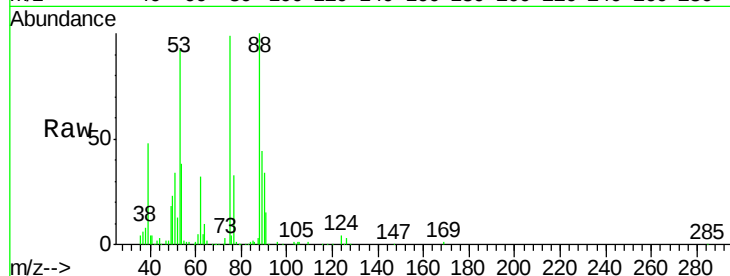
#81
trans-1,4-Dichloro-2-butene
Concen: 20.582 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.6	77.0	115.4
89	44.0	35.2	52.8

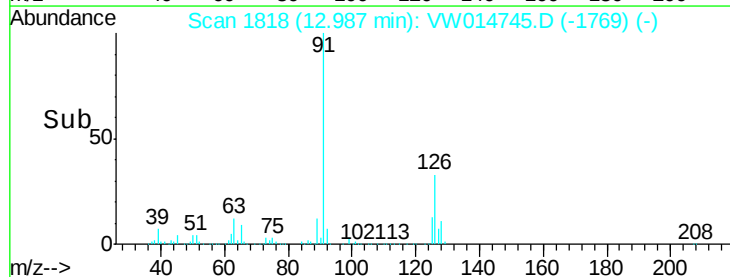
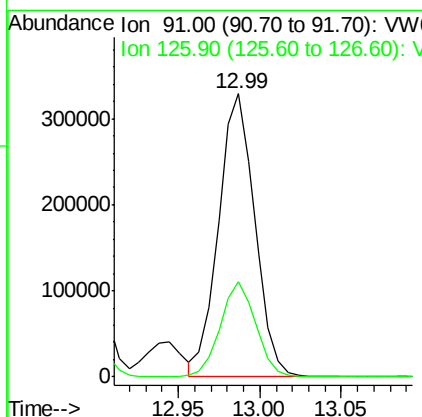
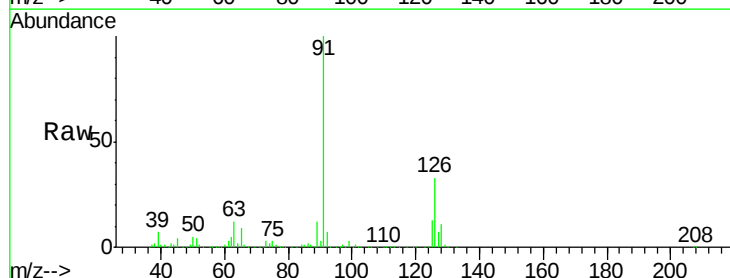
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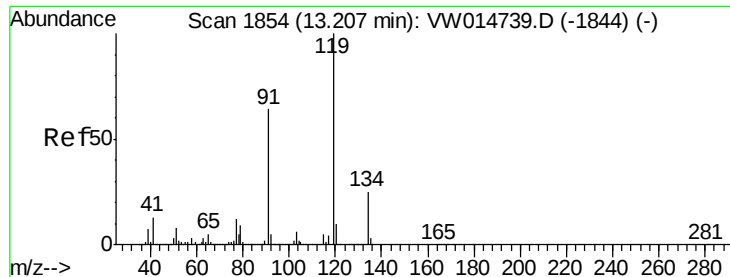
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#82
4-Chlorotoluene
Concen: 21.169 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.7	50.1





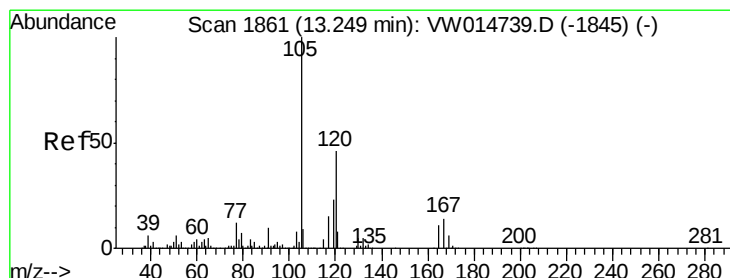
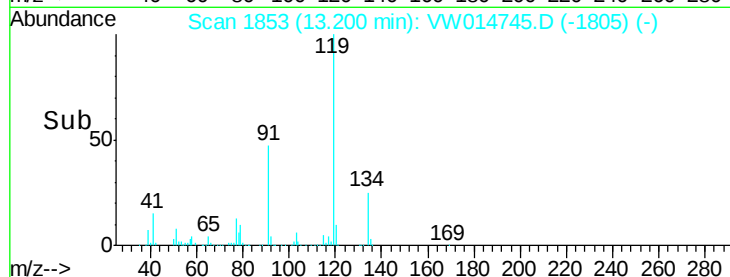
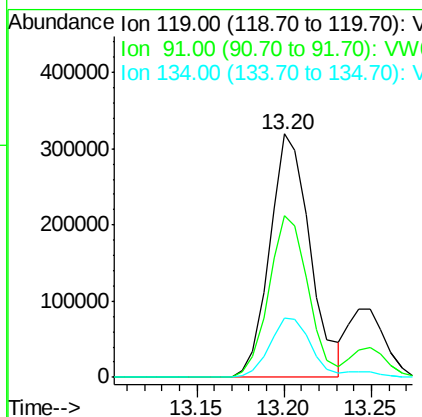
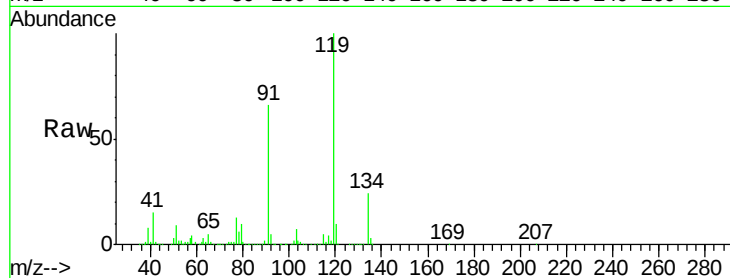
#83
tert-Butylbenzene
Concen: 21.115 ug/l
RT: 13.20 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	515406		
91	64.6	32.1	96.3	
134	26.7	13.4	40.2	

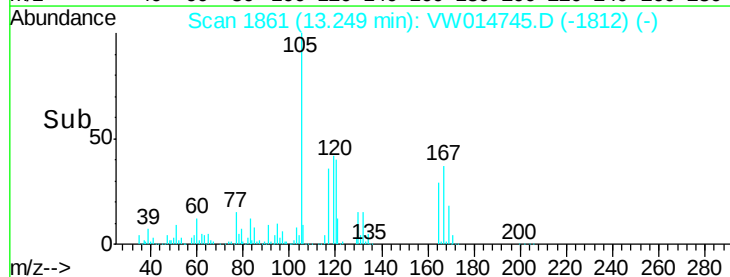
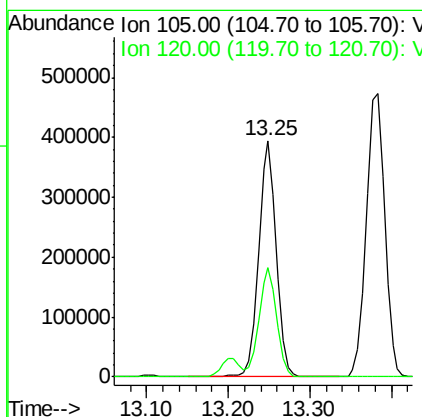
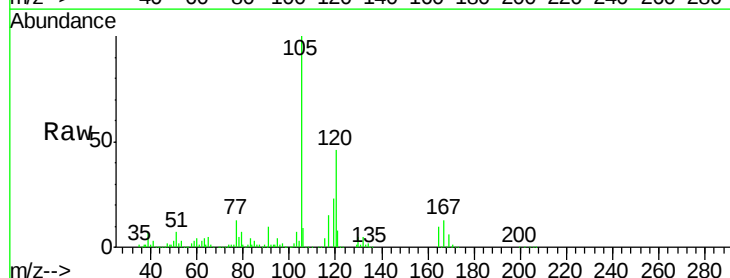
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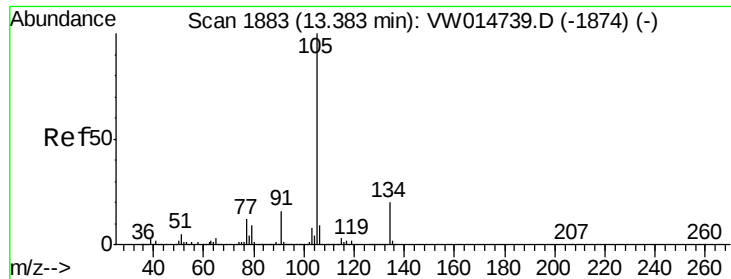
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#84
1,2,4-Trimethylbenzene
Concen: 21.289 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	600206		
120	46.3	23.3	69.8	





#85

sec-Butylbenzene

Concen: 21.232 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleID :

VW0124SBS01

Tot Ion:105 Resp: 729799

Ion Ratio Lower Upper

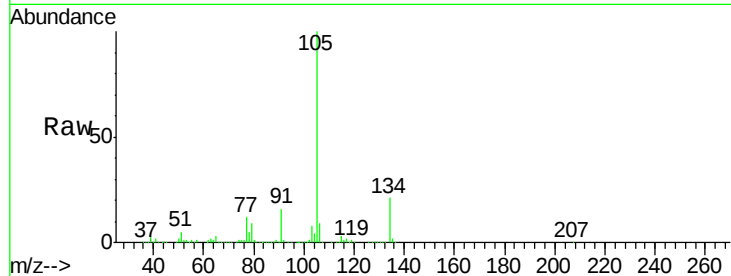
105 100

134 20.2 10.1 30.1

Manual Integrations
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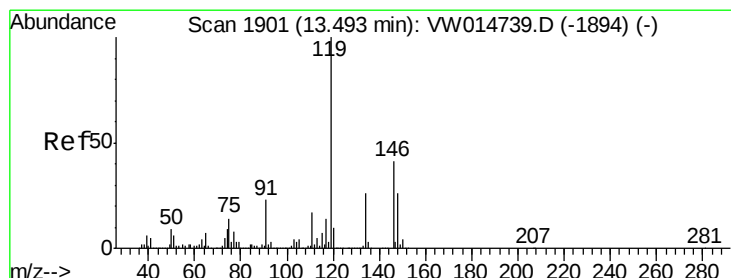
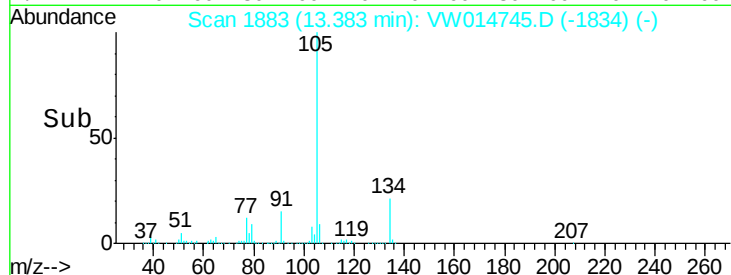
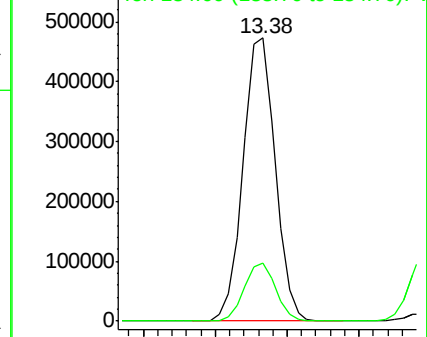
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.217 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

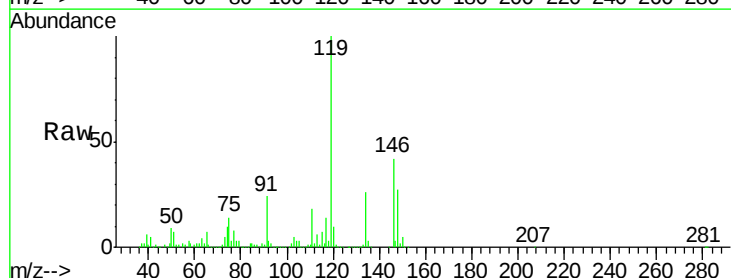
Tgt Ion:119 Resp: 660619

Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

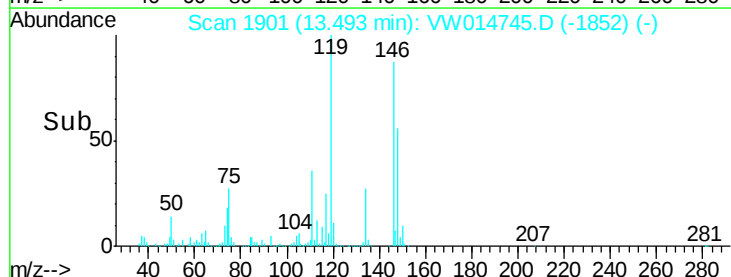
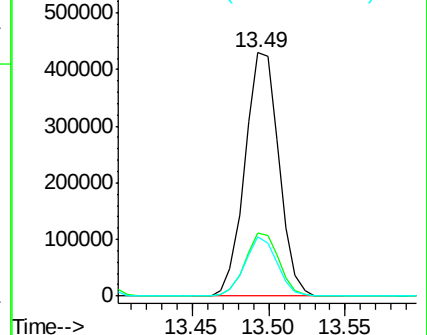
91 23.1 11.4 34.2

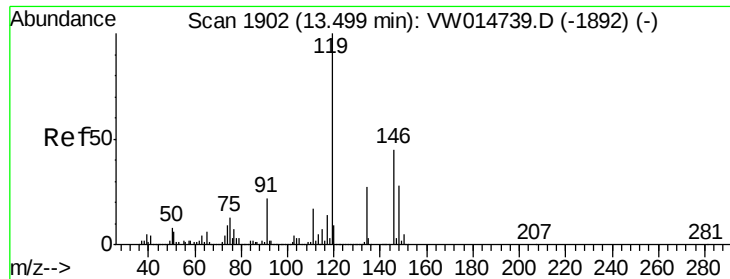


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





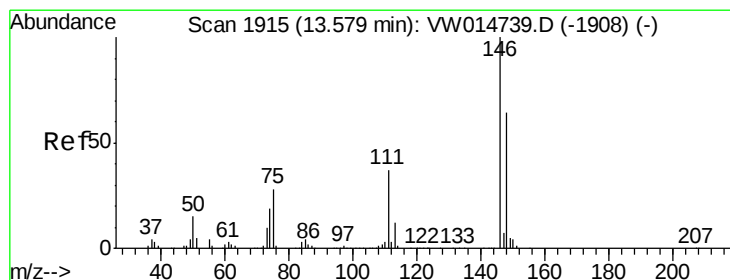
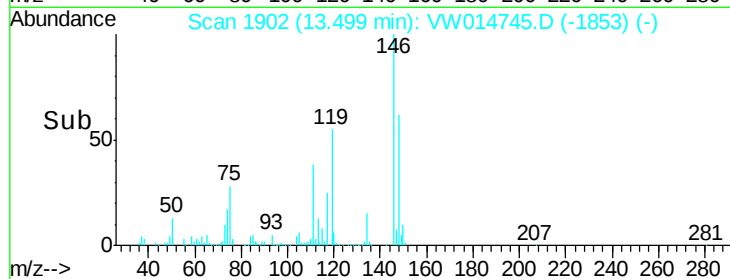
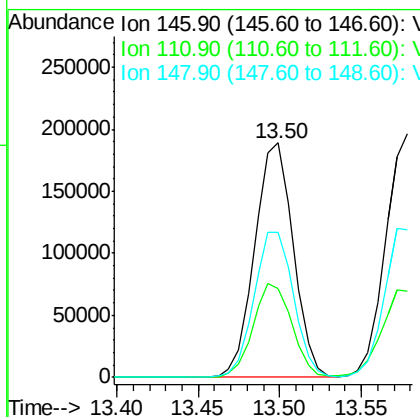
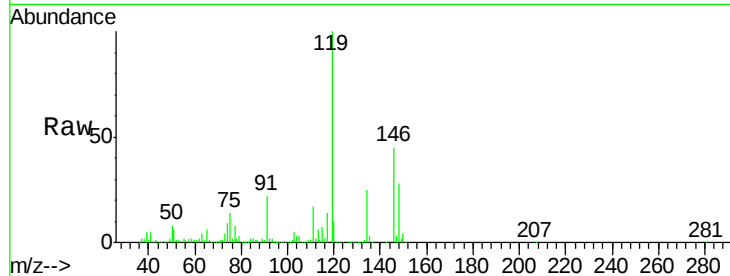
#87
 1,3-Dichlorobenzene
 Concen: 20.507 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	310351		
111	40.2	19.8	59.4	
148	63.5	31.6	95.0	

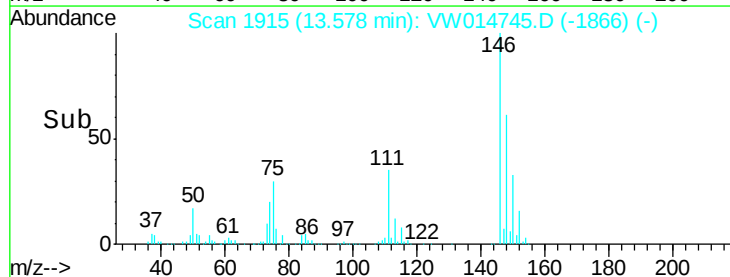
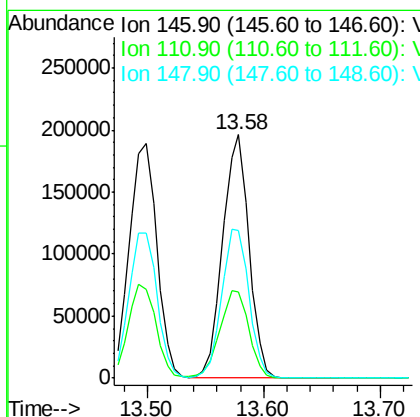
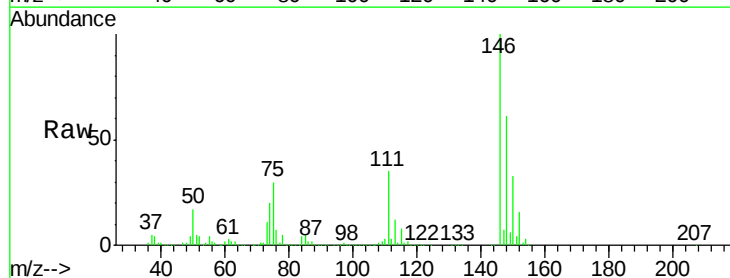
Manual Integrations
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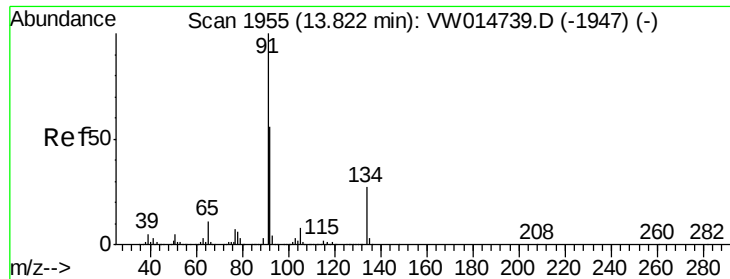
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#88
 1,4-Dichlorobenzene
 Concen: 20.534 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	306321		
111	39.4	19.4	58.4	
148	63.5	32.0	96.2	





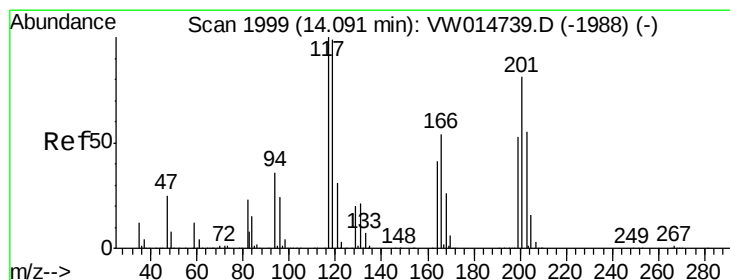
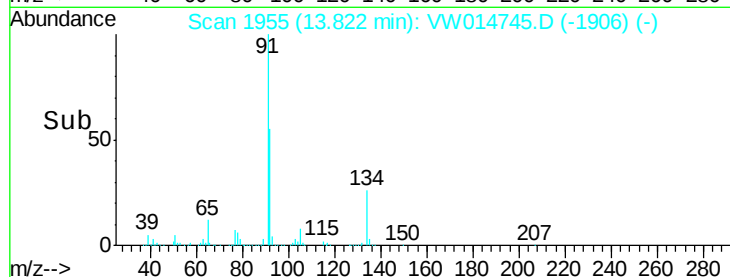
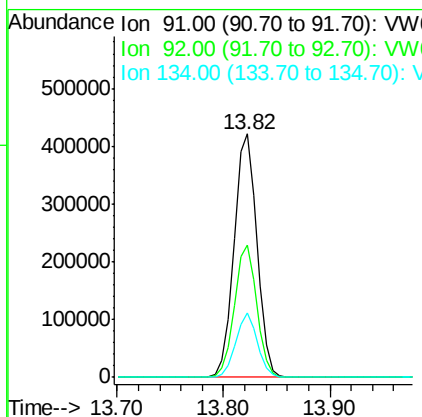
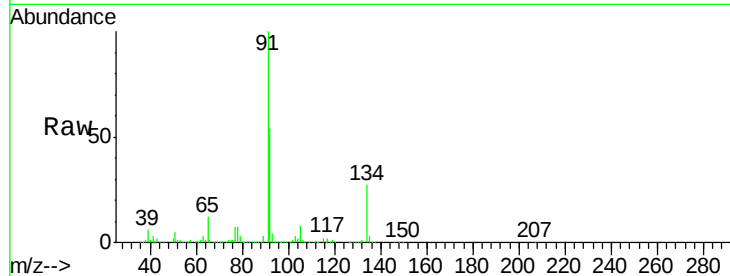
#89
n-Butylbenzene
Concen: 21.378 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.5	82.4
134	25.1	13.1	39.1

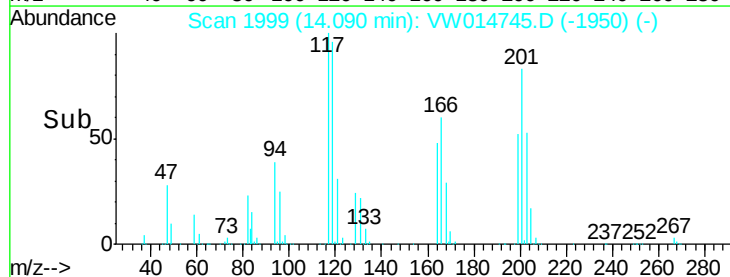
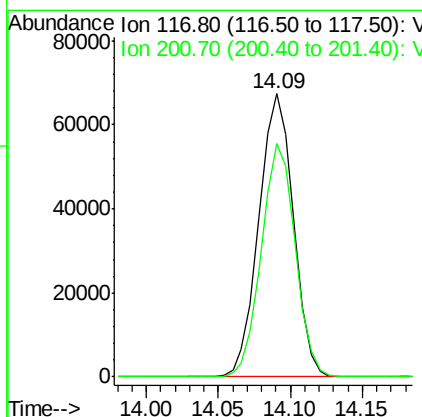
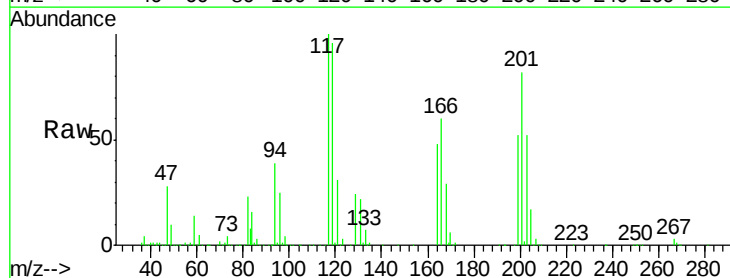
Manual Integrations
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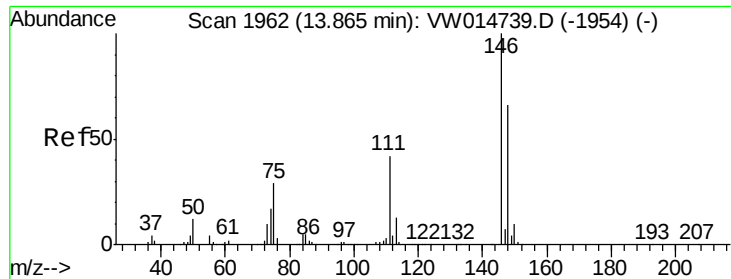
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#90
Hexachloroethane
Concen: 20.184 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.0	41.6	124.9





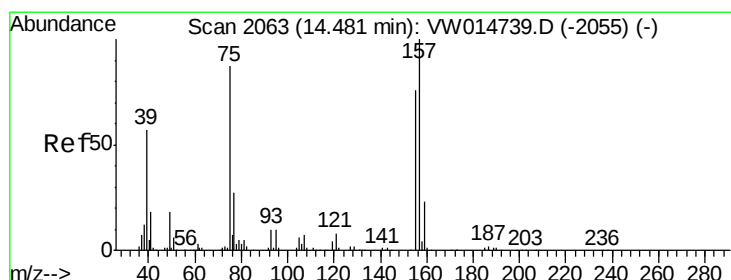
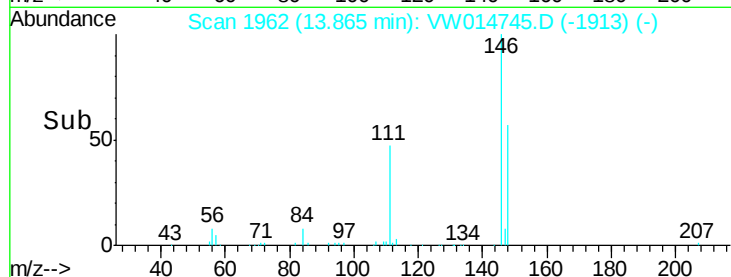
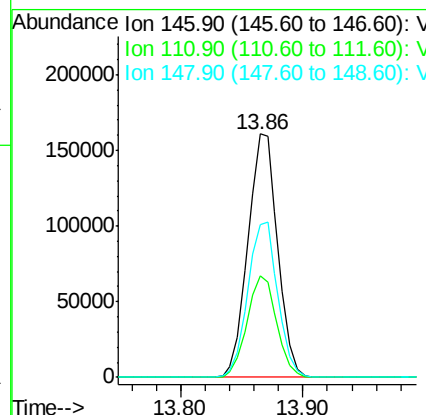
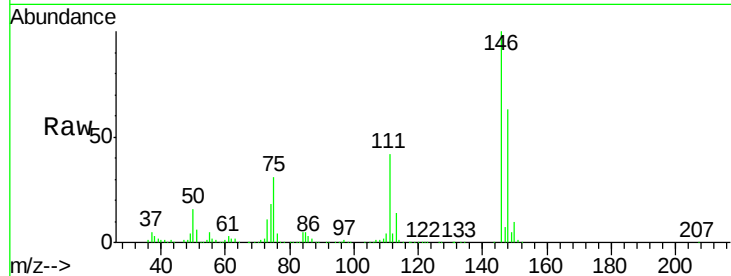
#91
 1,2-Dichlorobenzene
 Concen: 20.471 ug/l
 RT: 13.86 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.7	62.1
148	64.3	32.5	97.4

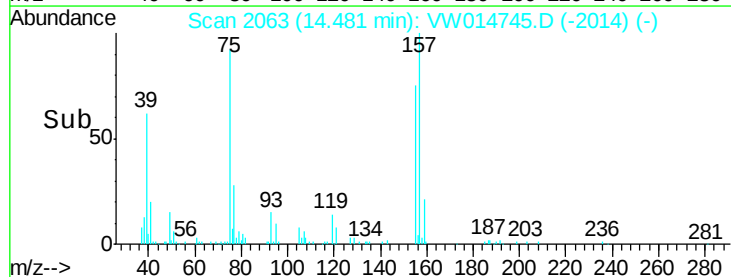
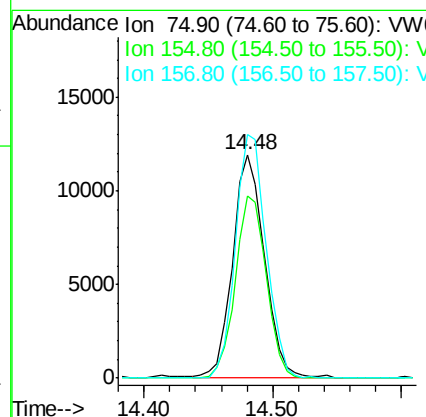
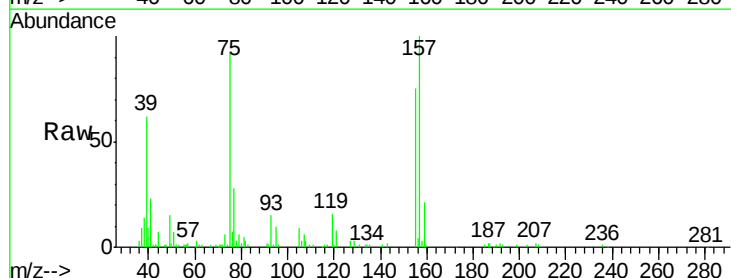
Manual Integrations
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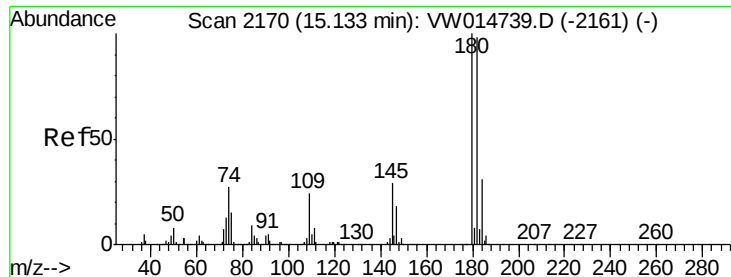
MMDadoda
 1/27/2020 12:06:33 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.054 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.4	42.5	127.5
157	104.9	54.8	164.4





#93

1,2,4-Trichlorobenzene

Concen: 20.722 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

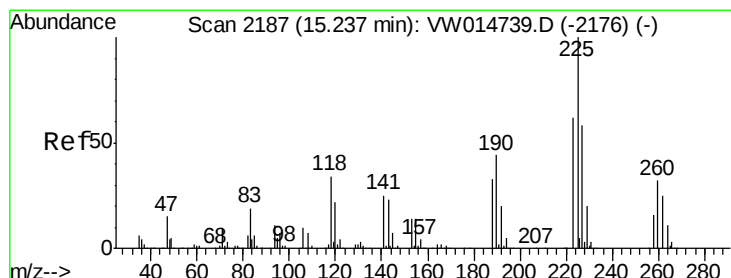
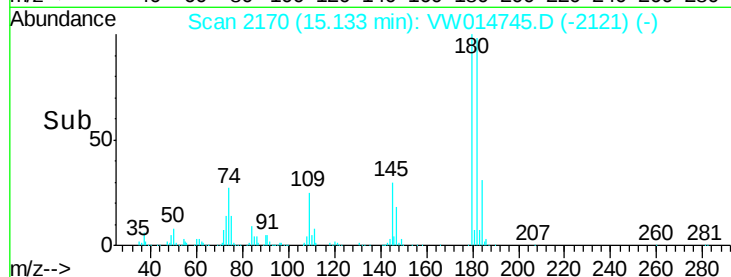
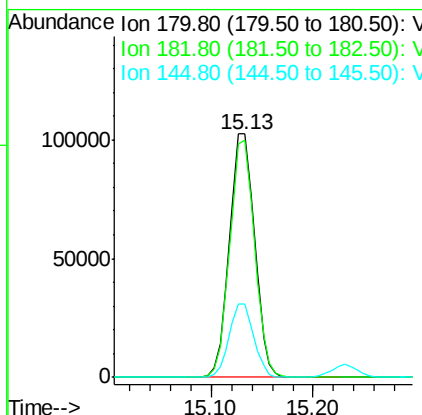
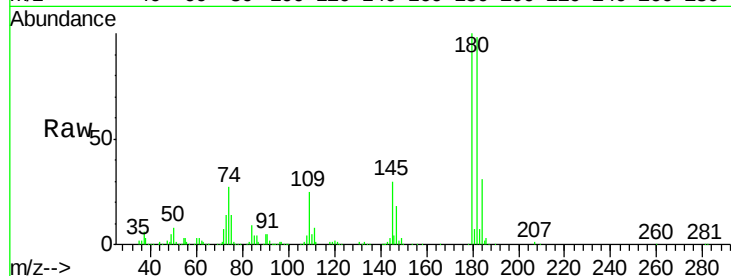
ClientSampleId :

VW0124SBS01

Tot Ion:	180	Resp:	174869
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.6	145.9
145	29.6	14.7	44.1

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#94

Hexachlorobutadiene

Concen: 20.109 ug/l

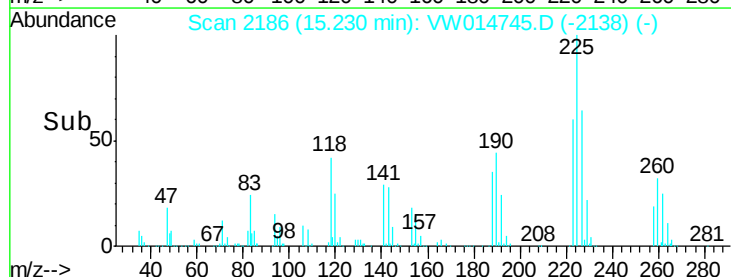
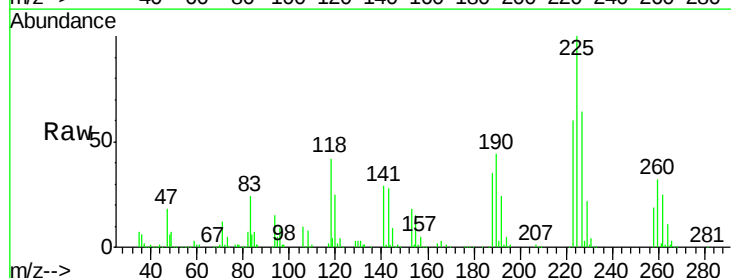
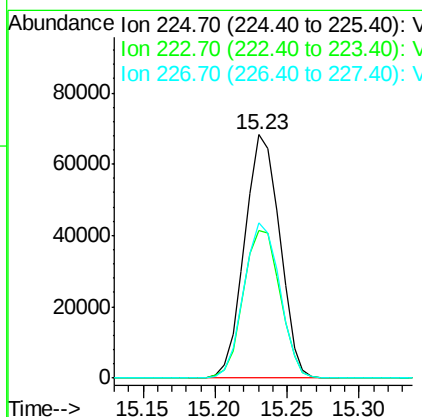
RT: 15.23 min Scan# 2186

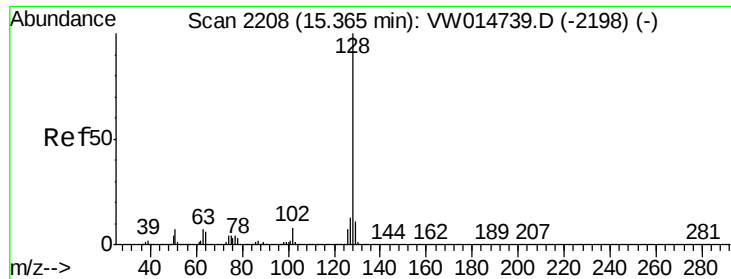
Delta R.T. -0.01 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Tgt Ion:	225	Resp:	115768
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.4	94.3
227	64.8	30.9	92.8





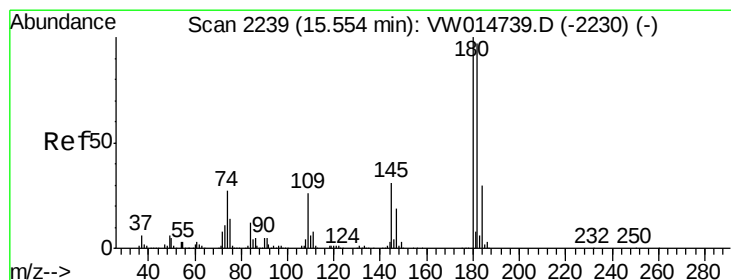
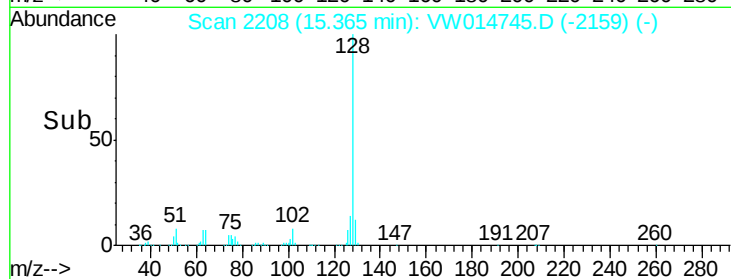
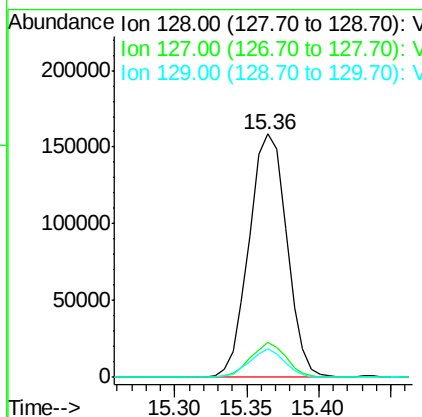
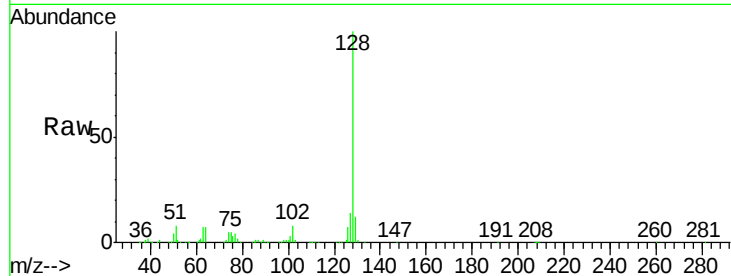
#95
Naphthalene
Concen: 19.003 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.519 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.2	141.6
145	31.0	15.4	46.4

