

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
 Data File : VW013480.D
 Acq On : 08 Oct 2019 11:19
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 4:08:43 PM

Quant Time: Oct 09 05:29:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:13:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	297979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	414156	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	351329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	176945	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	45366	19.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.42%	
35) Dibromofluoromethane	7.88	113	45846	19.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.64%	
50) Toluene-d8	10.32	98	193586	19.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.82%	
62) 4-Bromofluorobenzene	12.62	95	63906	19.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21561	21.844	ug/l	95
3) Chloromethane	2.21	50	37368	21.538	ug/l	97
4) Vinyl Chloride	2.36	62	54814	21.419	ug/l	100
5) Bromomethane	2.77	94	30066	19.690	ug/l	93
6) Chloroethane	2.91	64	28639	19.927	ug/l	92
7) Trichlorofluoromethane	3.25	101	22728	18.771	ug/l	99
8) Diethyl Ether	3.68	74	25233	20.134	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52417	21.005	ug/l	98
10) Methyl Iodide	4.27	142	79407	20.095	ug/l	100
11) Tert butyl alcohol	5.19	59	25591	146.238	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	52457	20.283	ug/l	96
13) Acrolein	3.89	56	24174	128.802	ug/l	96
14) Allyl chloride	4.67	41	80289	20.202	ug/l	99
15) Acrylonitrile	5.37	53	66881	114.180	ug/l	99
16) Acetone	4.13	43	56553	105.562	ug/l	98
17) Carbon Disulfide	4.38	76	145408	20.030	ug/l	100
18) Methyl Acetate	4.67	43	32608	21.248	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	80827	20.668	ug/l	97
20) Methylene Chloride	4.92	84	60151	20.395	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	55970	20.367	ug/l	99
22) Diisopropyl ether	6.31	45	147633	19.826	ug/l	97
23) Vinyl Acetate	6.25	43	470601	105.265	ug/l	97
24) 1,1-Dichloroethane	6.21	63	90534	19.892	ug/l	99
25) 2-Butanone	7.17	43	89754	113.679	ug/l	97
26) 2,2-Dichloropropane	7.16	77	59780	20.374	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	57874	19.903	ug/l	99
28) Bromochloromethane	7.51	49	25877	15.942	ug/l #	99
29) Tetrahydrofuran	7.53	42	55786	115.606	ug/l	98
30) Chloroform	7.67	83	86928	19.745	ug/l	96
31) Cyclohexane	7.95	56	97088	20.154	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	73298	20.482	ug/l	97
36) 1,1-Dichloropropene	8.08	75	78688	21.003	ug/l	99
37) Ethyl Acetate	7.25	43	38860	22.860	ug/l	98
38) Carbon Tetrachloride	8.06	117	68530	20.634	ug/l	97

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

39) Methylcyclohexane	9.34	83	102549	21.127	ug/l	96
40) Benzene	8.32	78	215861	20.640	ug/l	99
41) Methacrylonitrile	7.48	41	21115	21.844	ug/l #	92
42) 1,2-Dichloroethane	8.40	62	54469	20.605	ug/l	99
43) Isopropyl Acetate	8.42	43	67015	21.821	ug/l	99
44) Trichloroethene	9.09	130	61454	20.598	ug/l	99
45) 1,2-Dichloropropane	9.37	63	51525	20.526	ug/l	92
46) Dibromomethane	9.46	93	26737	21.380	ug/l	99
47) Bromodichloromethane	9.64	83	60854	19.576	ug/l	98
48) Methyl methacrylate	9.43	41	33305	22.016	ug/l	98
49) 1,4-Dioxane	9.46	88	10760	490.028	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	184922	114.532	ug/l	100
52) Toluene	10.38	92	138068	20.495	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	66990	20.739	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	79639	20.351	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	38506	20.514	ug/l	95
56) Ethyl methacrylate	10.65	69	54242	21.456	ug/l	99
57) 1,3-Dichloropropane	10.93	76	68085	21.124	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	124312	104.227	ug/l	98
59) 2-Hexanone	10.97	43	127207	114.895	ug/l	99
60) Dibromochloromethane	11.13	129	43778	20.281	ug/l	96
61) 1,2-Dibromoethane	11.23	107	39055	21.875	ug/l	97
64) Tetrachloroethene	10.86	164	54403	21.040	ug/l	96
65) Chlorobenzene	11.66	112	140956	20.191	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	49379	20.363	ug/l	99
67) Ethyl Benzene	11.73	91	260614	20.425	ug/l	98
68) m/p-Xylenes	11.84	106	199500	41.093	ug/l	100
69) o-Xylene	12.16	106	91525	20.405	ug/l	99
70) Styrene	12.18	104	155468	20.187	ug/l	99
71) Bromoform	12.35	173	27896	20.967	ug/l #	96
73) Isopropylbenzene	12.46	105	257671	20.330	ug/l	100
74) N-amyl acetate	12.27	43	59825	21.582	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	47411	21.946	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	36319m	25.556	ug/l	
77) Bromobenzene	12.74	156	60392	20.102	ug/l	98
78) n-propylbenzene	12.80	91	298314	20.354	ug/l	99
79) 2-Chlorotoluene	12.89	91	166218	20.242	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	215064	20.422	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15671	21.737	ug/l	97
82) 4-Chlorotoluene	12.99	91	172730	20.267	ug/l	99
83) tert-Butylbenzene	13.21	119	192754	20.610	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	214091	20.555	ug/l	100
85) sec-Butylbenzene	13.38	105	267866	20.728	ug/l	99
86) p-Isopropyltoluene	13.50	119	244688	20.609	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	117164	20.567	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	113826	20.397	ug/l	99
89) n-Butylbenzene	13.82	91	219095	20.427	ug/l	99
90) Hexachloroethane	14.09	117	41125	20.243	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	102140	20.308	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7556	21.939	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	71995	20.254	ug/l	97
94) Hexachlorobutadiene	15.24	225	48451	20.511	ug/l	97
95) Naphthalene	15.36	128	134776	21.919	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	65068	20.934	ug/l	99

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

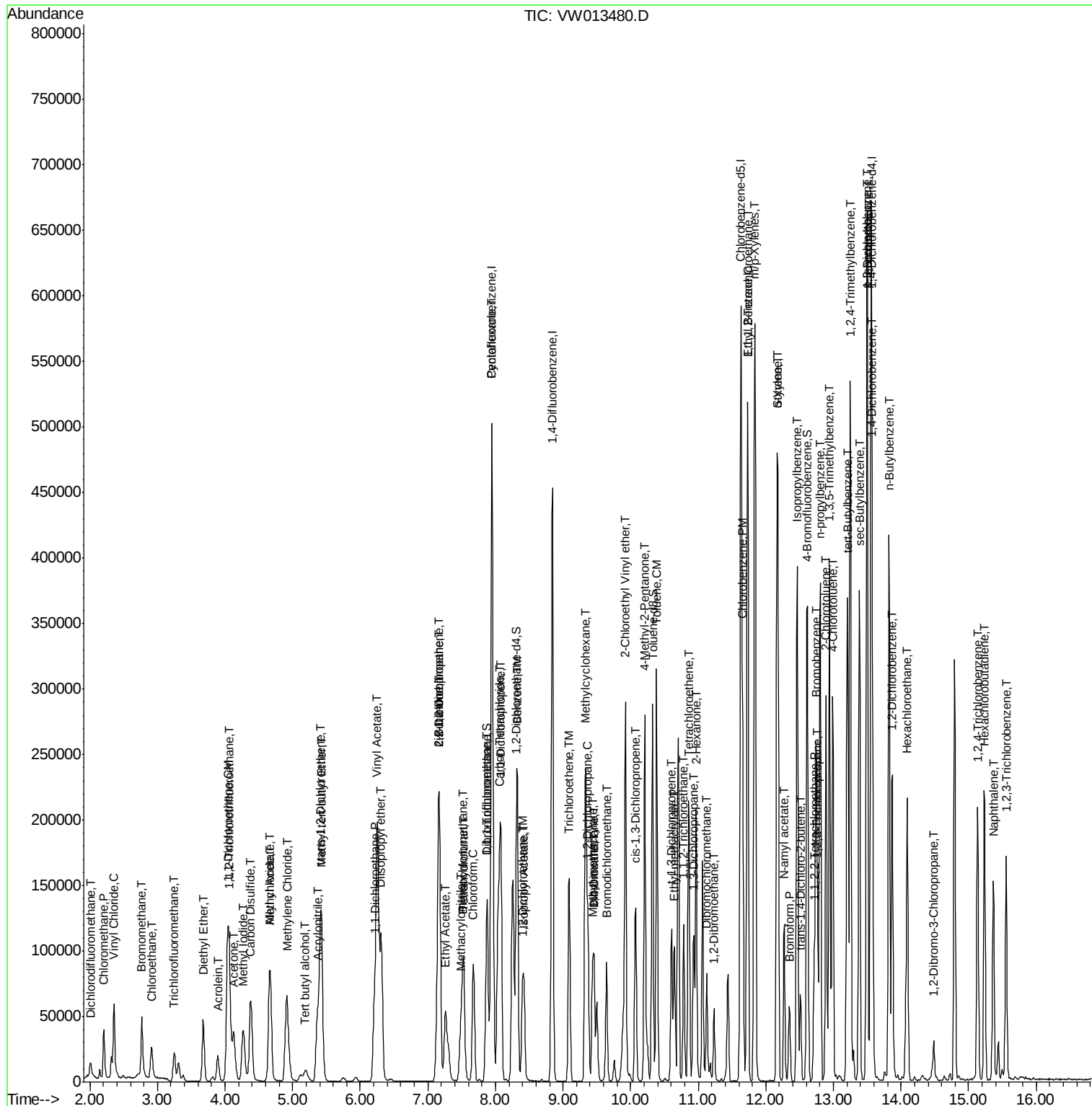
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100819\
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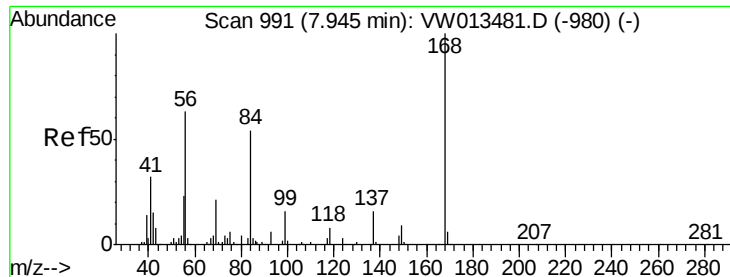
Instrument :
MSVOA_W
Client Sampled :
VSTDIC020

Manual Integrations
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 297979

Ion Ratio Lower Upper

168 100

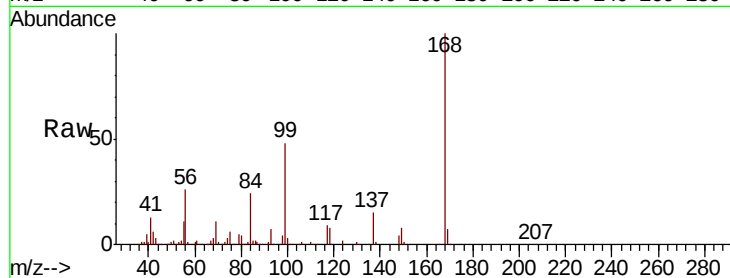
99 47.9 38.3 57.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

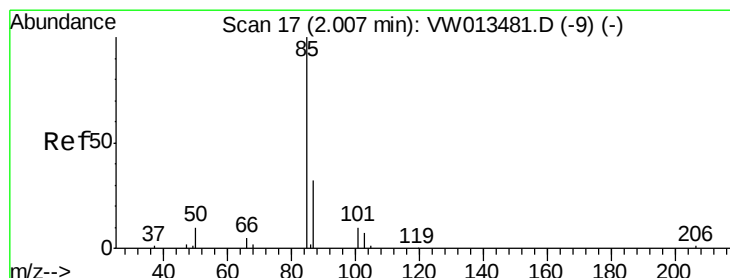
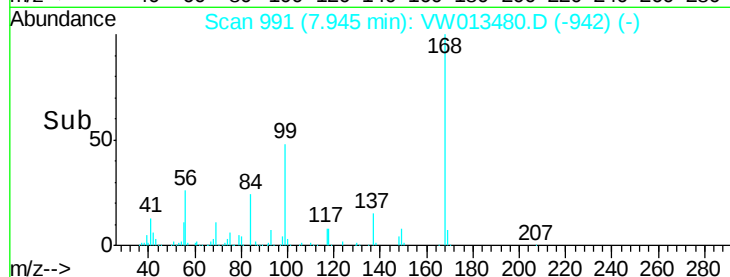
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.844 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013480.D

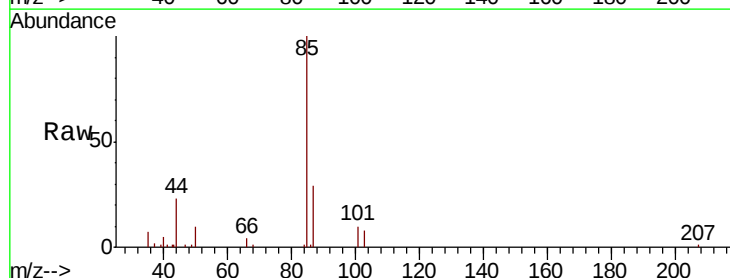
Acq: 08 Oct 2019 11:19

Tgt Ion: 85 Resp: 21561

Ion Ratio Lower Upper

85 100

87 29.0 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

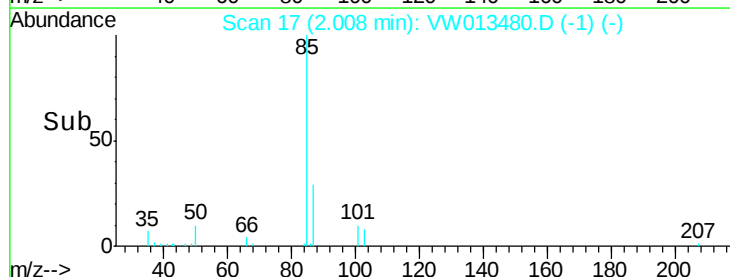
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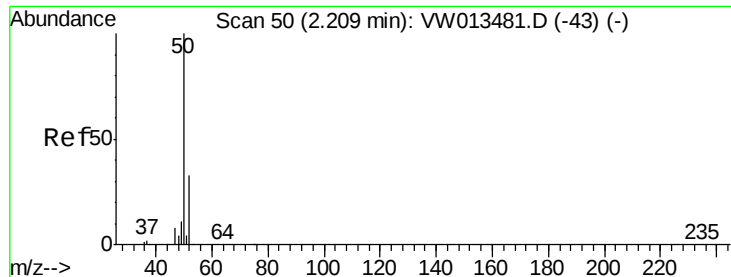
4000

2000

0

Time-->





#3

Chloromethane

Concen: 21.538 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 37368

Ion Ratio Lower Upper

50 100

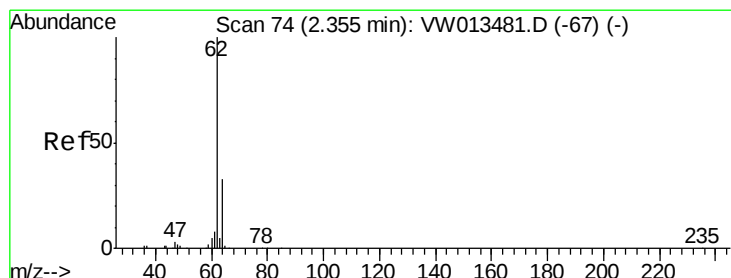
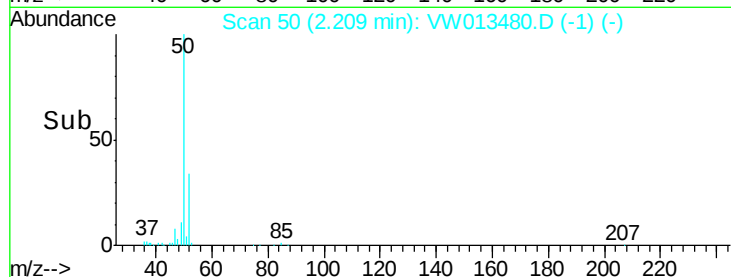
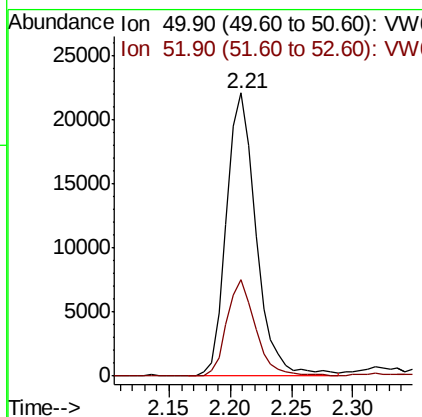
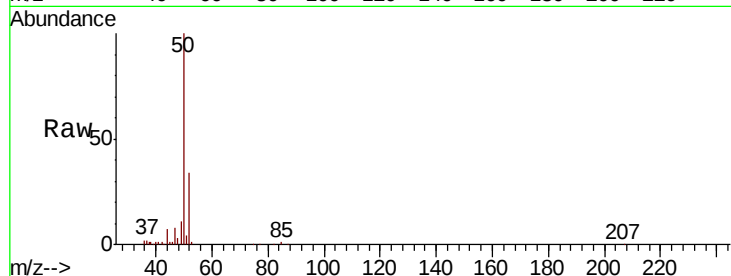
52 34.3 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.419 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013480.D

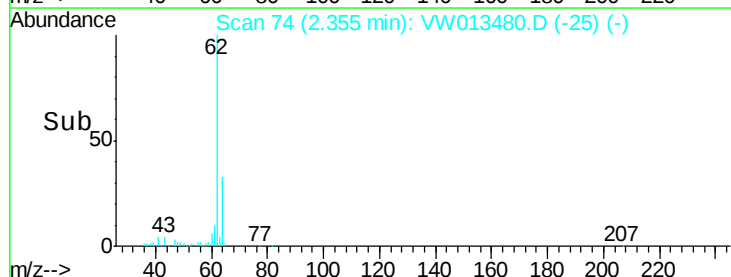
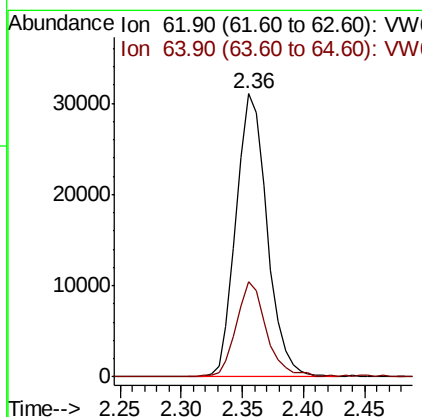
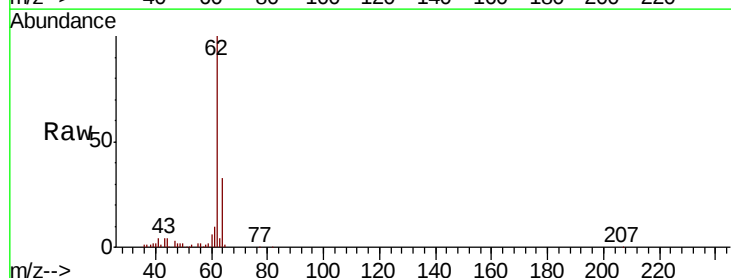
Acq: 08 Oct 2019 11:19

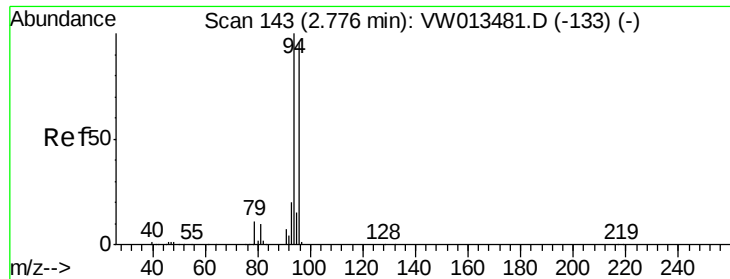
Tgt Ion: 62 Resp: 54814

Ion Ratio Lower Upper

62 100

64 33.1 26.6 39.8





#5

Bromomethane

Concen: 19.690 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 94 Resp: 30066

Ion Ratio Lower Upper

94 100

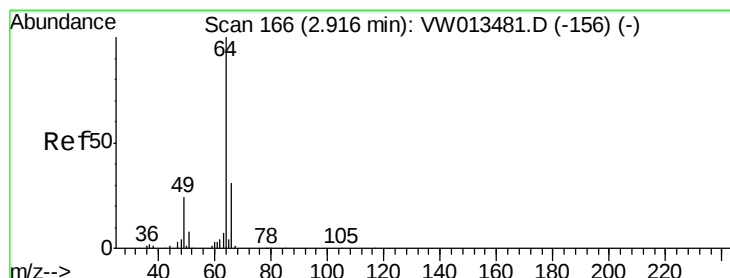
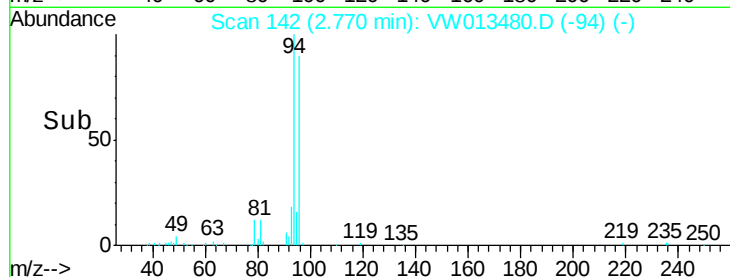
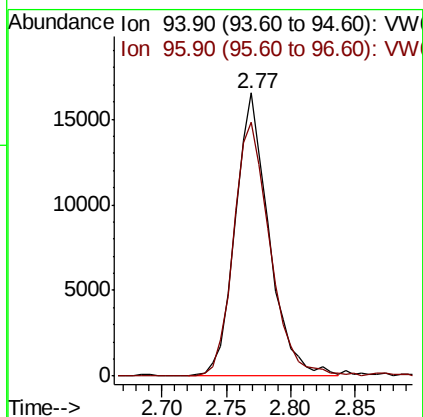
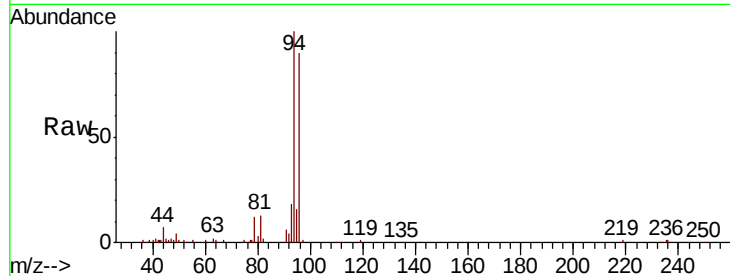
96 89.9 77.0 115.6

Manual Integrations

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#6

Chloroethane

Concen: 19.927 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW013480.D

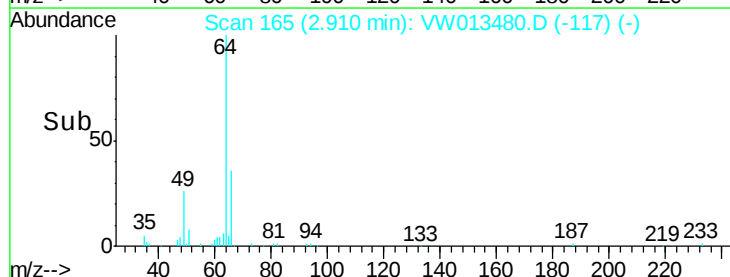
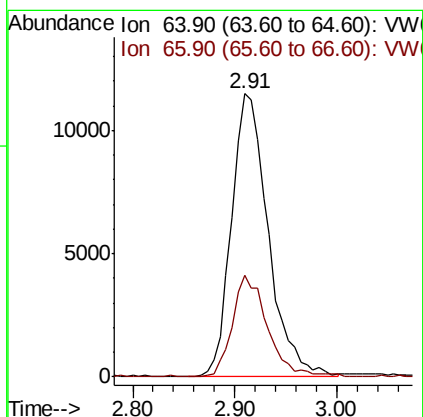
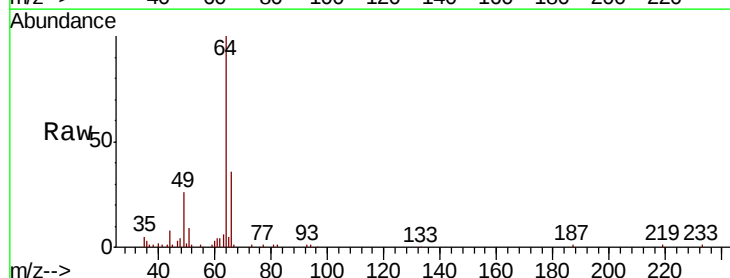
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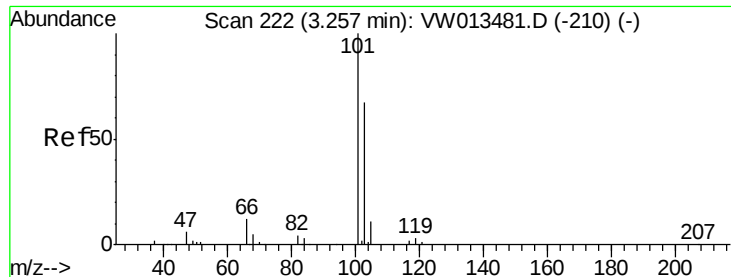
Tgt Ion: 64 Resp: 28639

Ion Ratio Lower Upper

64 100

66 35.7 25.0 37.4





#7

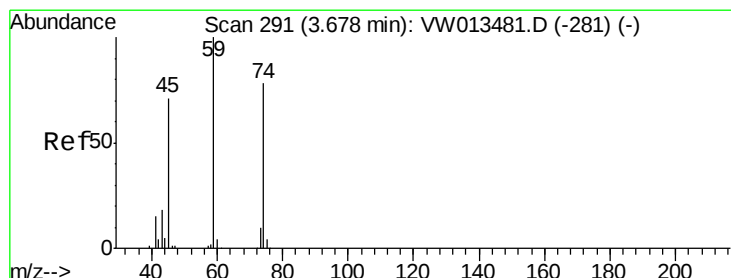
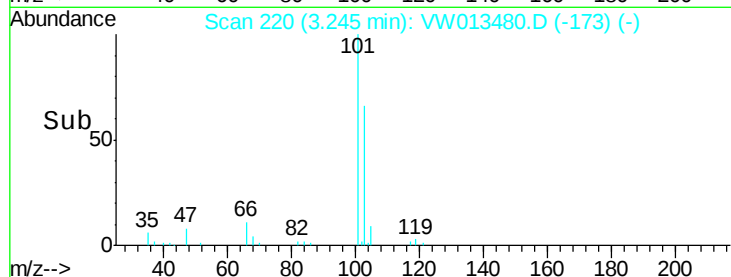
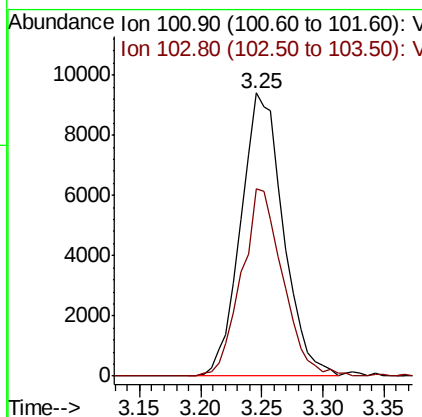
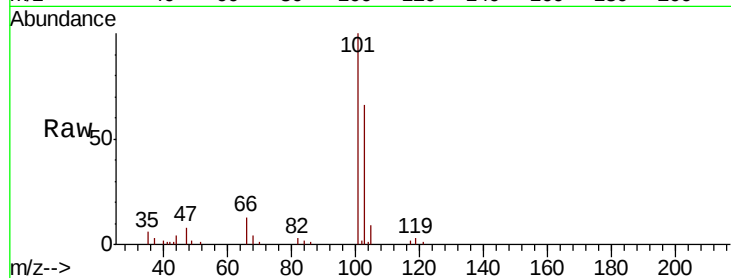
Trichlorofluoromethane
 Concen: 18.771 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	53.7	80.5

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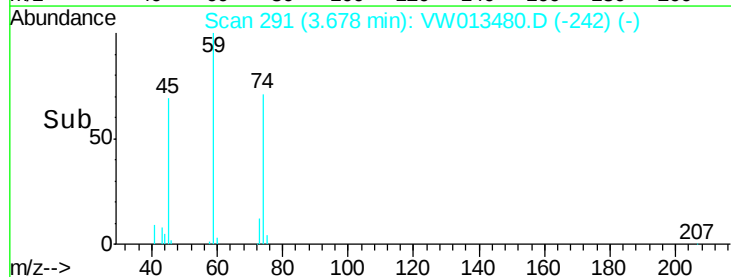
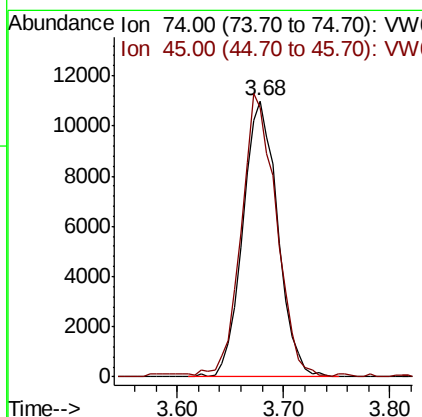
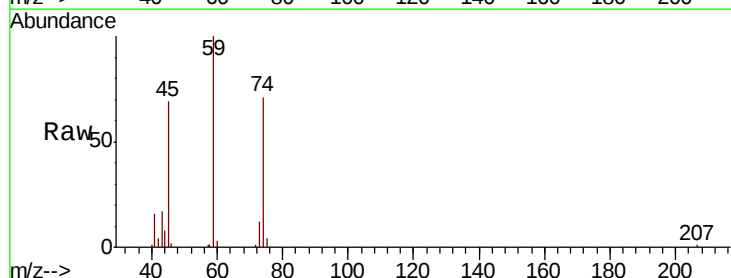
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 10/9/2019 4:08:43 PM

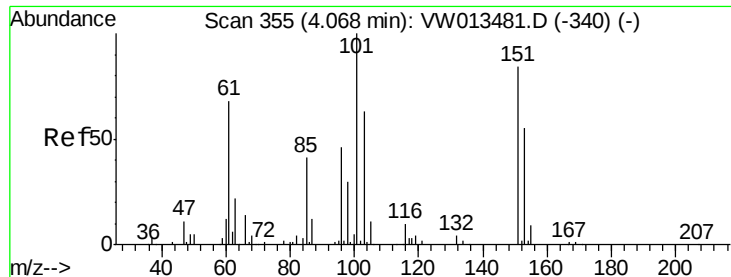


#8

Diethyl Ether
 Concen: 20.134 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.6	50.0	150.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.005 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW013480.D

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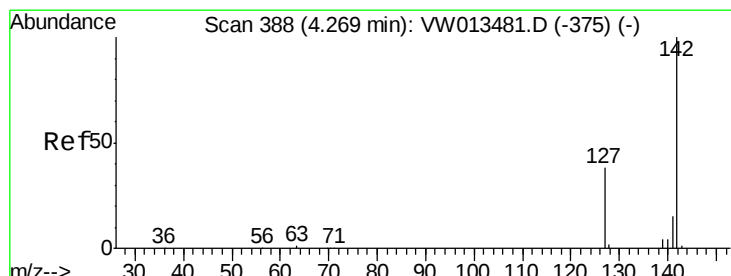
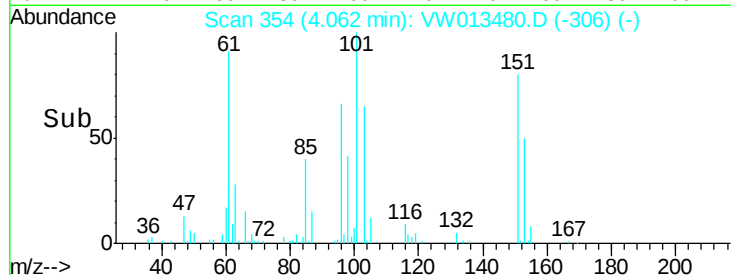
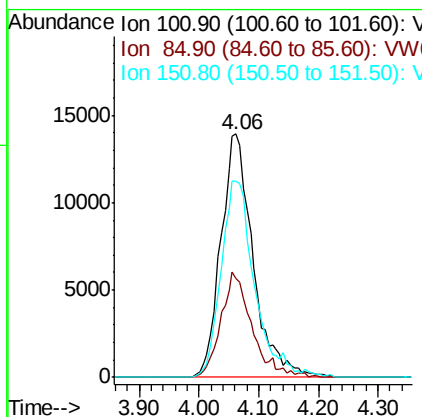
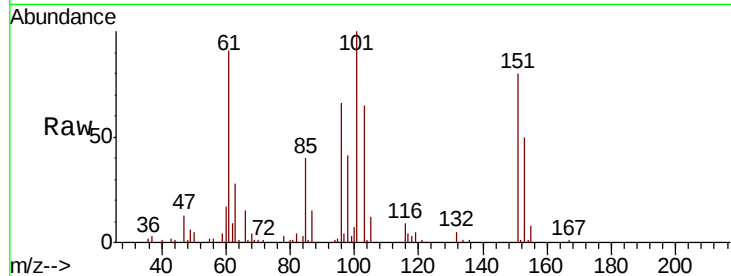
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	52417
Ion Ratio	Lower	Upper	
101	100		
85	41.7	31.6	47.4
151	82.7	67.5	101.3

Manual Integrations
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#10

Methyl Iodide

Concen: 20.095 ug/l

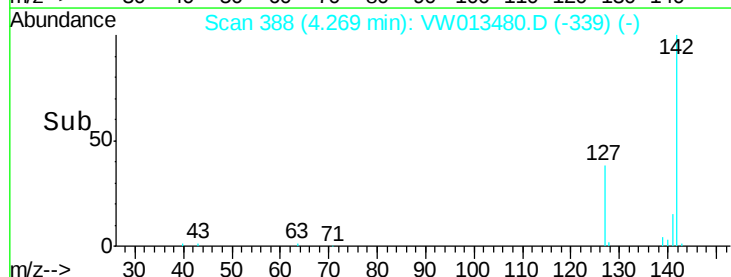
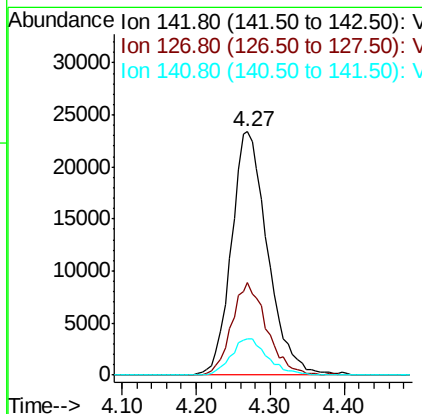
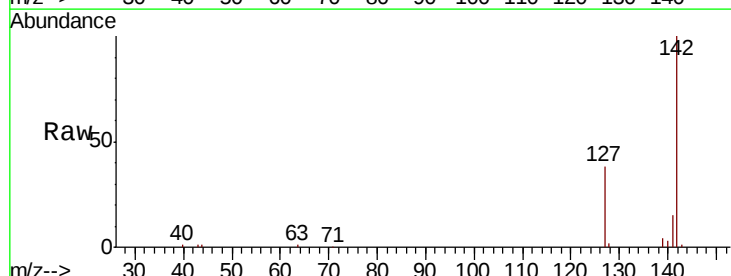
RT: 4.27 min Scan# 388

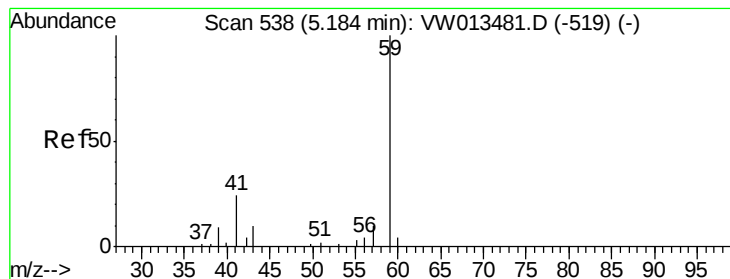
Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Tgt Ion:	142	Resp:	79407
Ion Ratio	Lower	Upper	
142	100		
127	37.0	29.6	44.4
141	15.1	12.1	18.1





#11

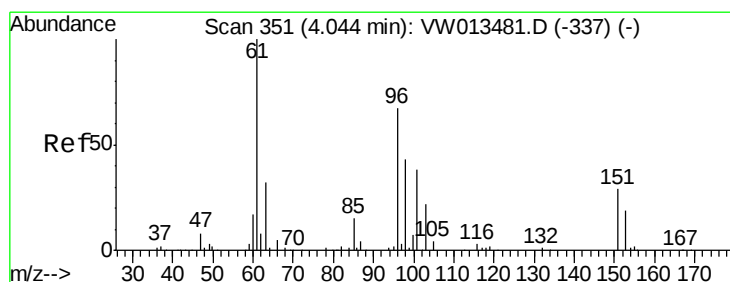
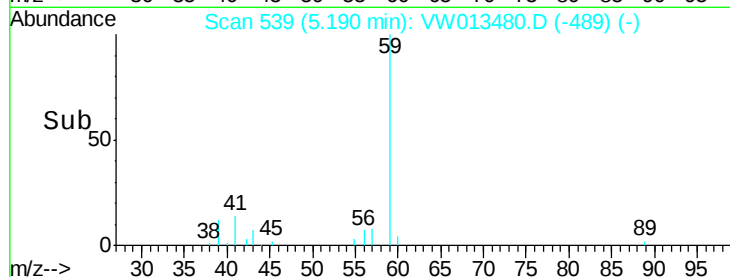
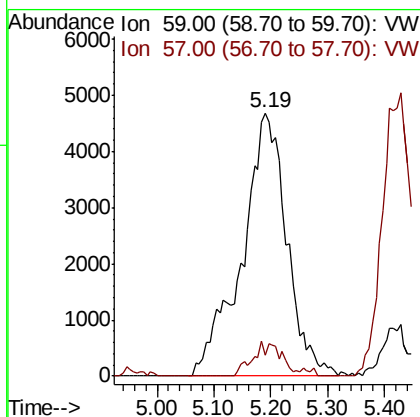
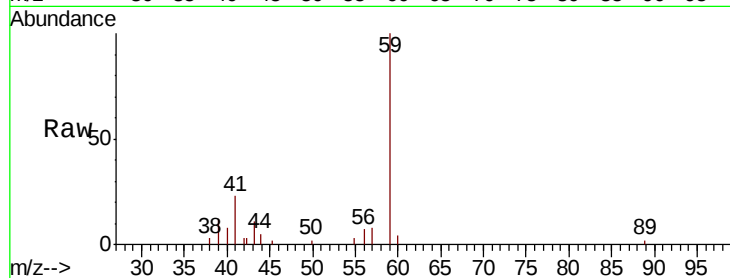
Tert butyl alcohol
 Concen: 146.238 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
59	100		
57	3.8	8.2	12.4#

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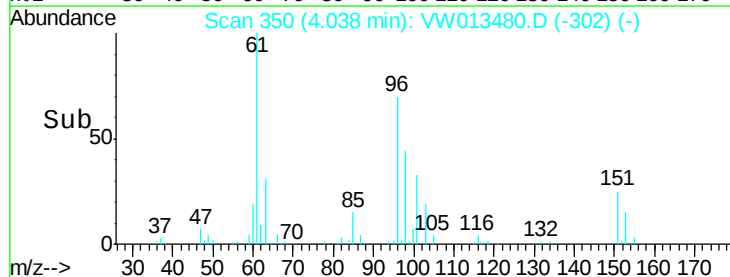
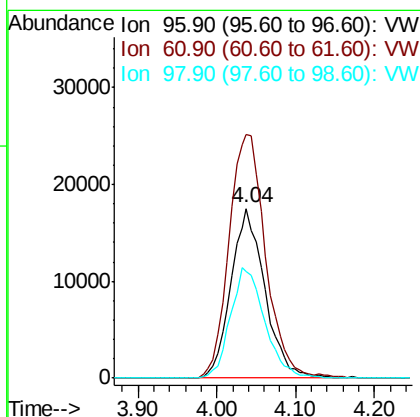
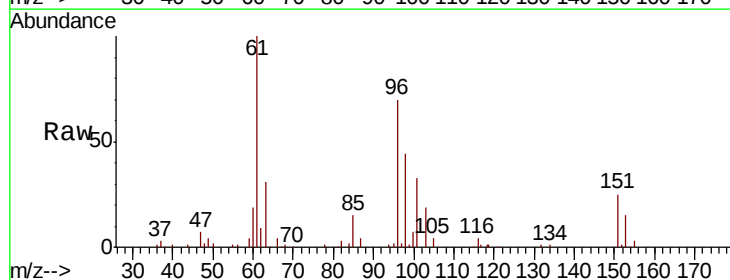
MMDadoda
 10/9/2019 4:08:43 PM

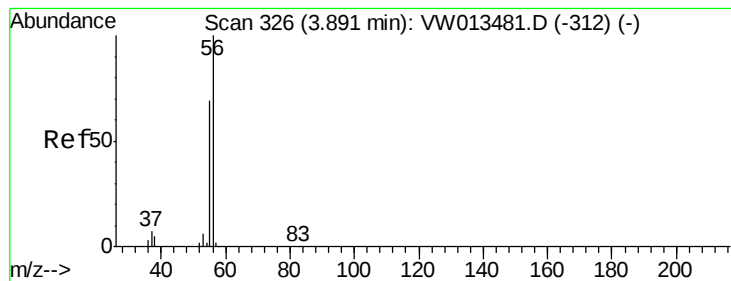


#12

1,1-Dichloroethene
 Concen: 20.283 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.3	119.4	179.0
98	62.4	51.1	76.7





#13

Acrolein

Concen: 128.802 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 24174

Ion Ratio Lower Upper

56 100

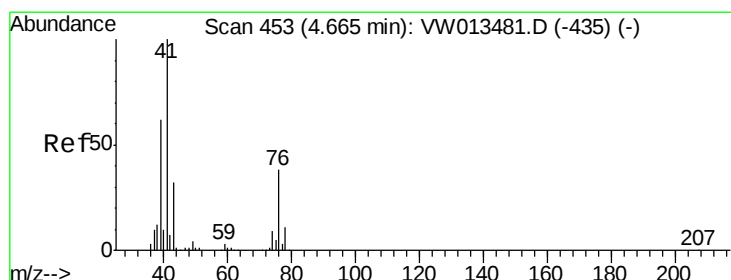
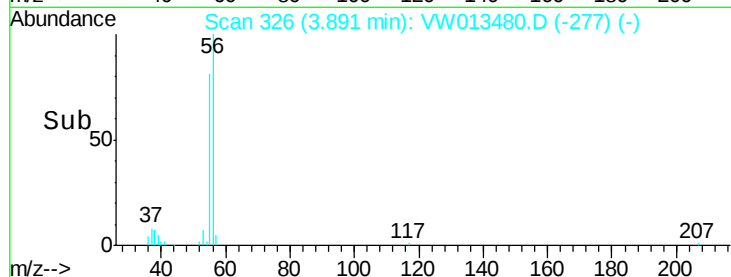
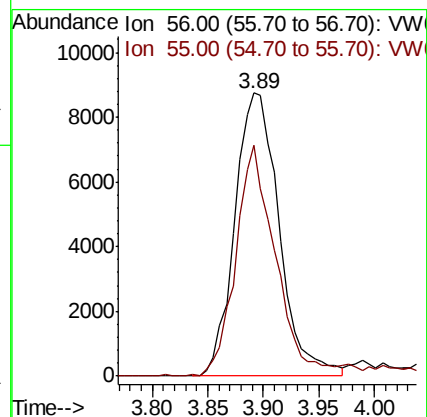
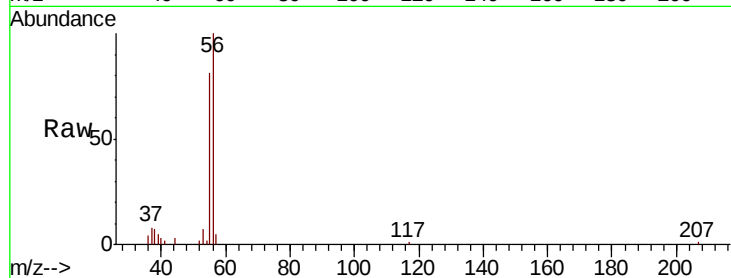
55 72.8 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 20.202 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

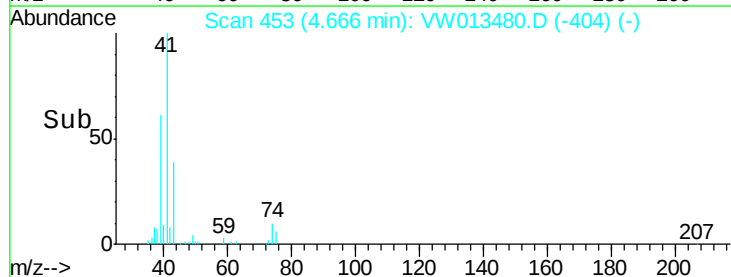
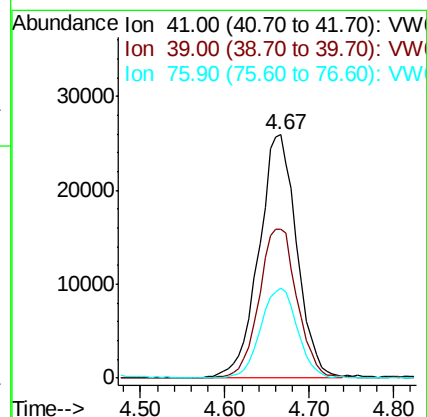
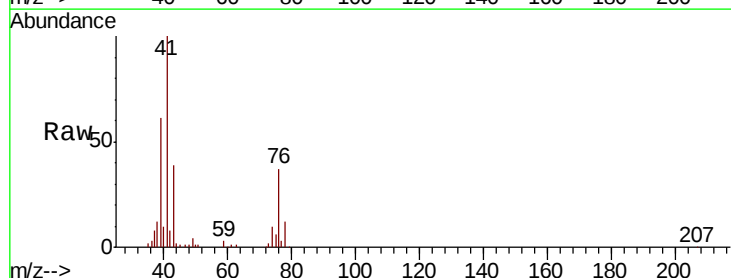
Tgt Ion: 41 Resp: 80289

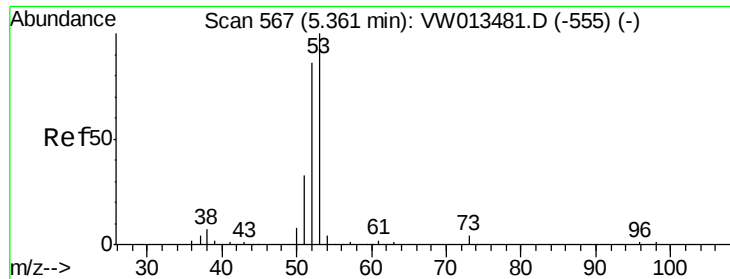
Ion Ratio Lower Upper

41 100

39 61.4 50.1 75.1

76 35.8 29.0 43.4





#15

Acrylonitrile

Concen: 114.180 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

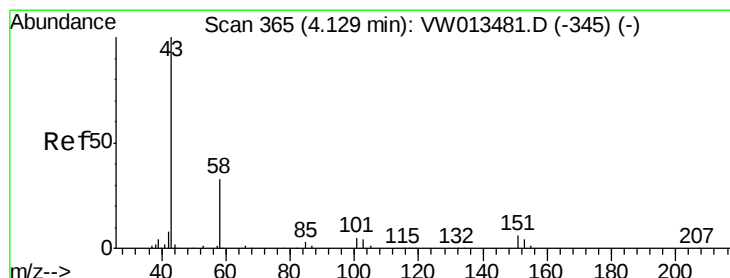
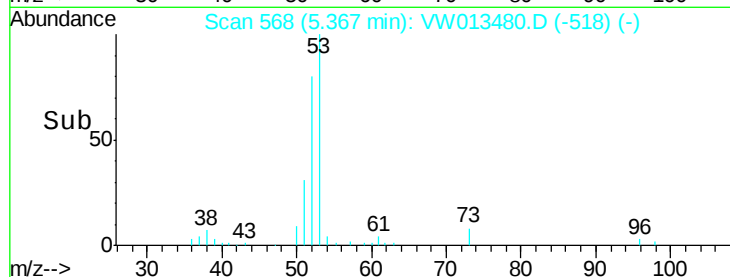
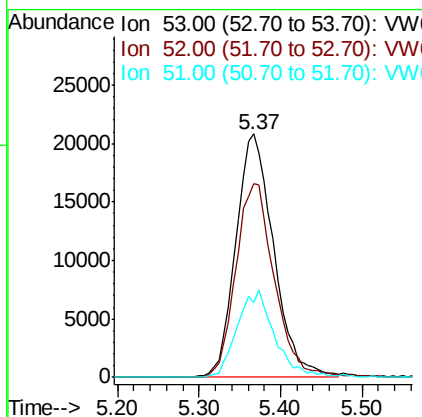
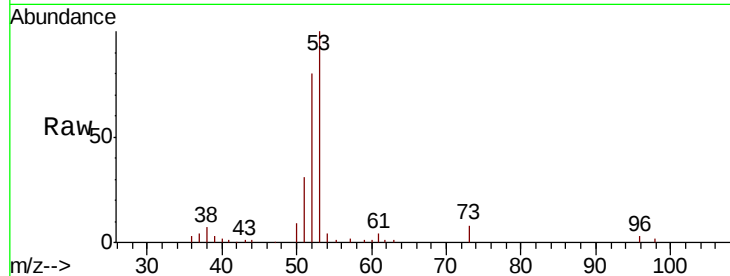
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	66881
Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.8	98.8
51	35.1	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 105.562 ug/l

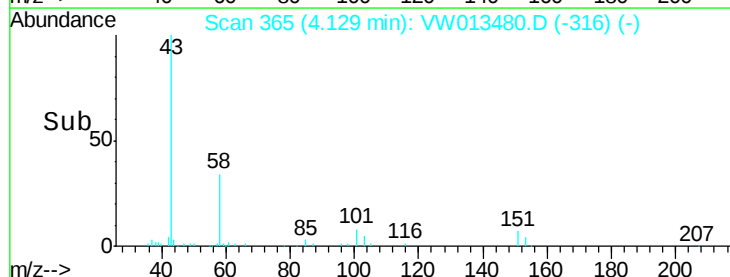
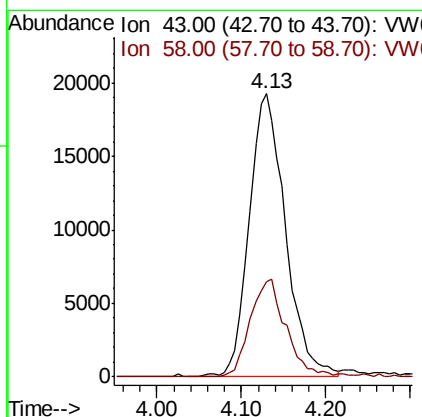
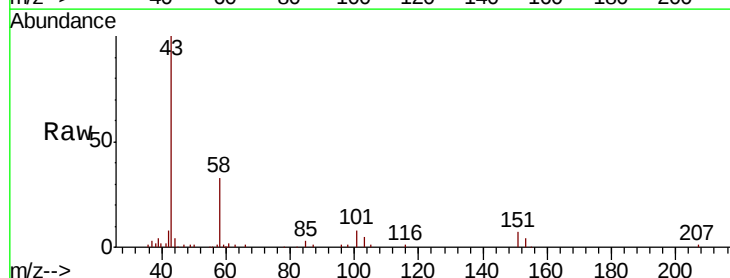
RT: 4.13 min Scan# 365

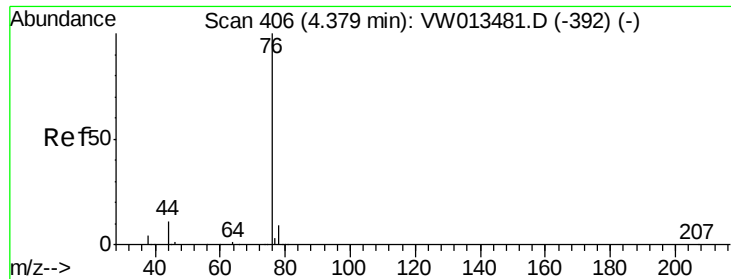
Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Tgt Ion:	43	Resp:	56553
Ion	Ratio	Lower	Upper
43	100		
58	33.4	26.1	39.1





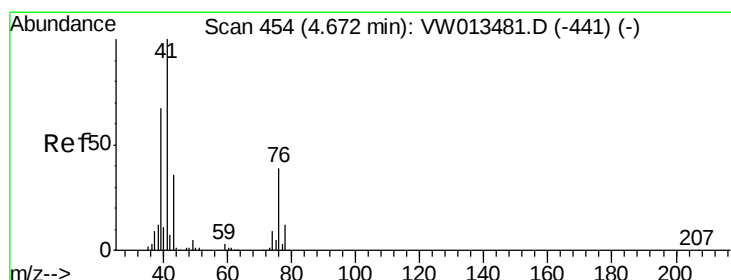
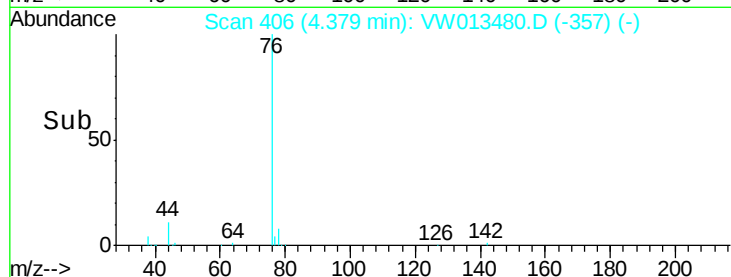
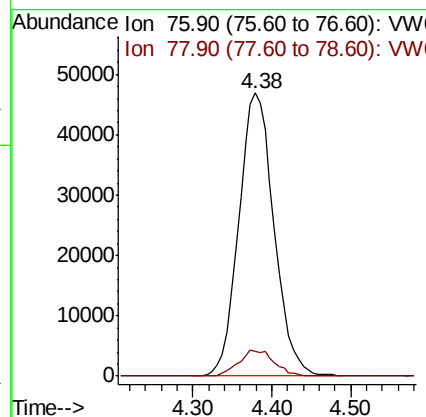
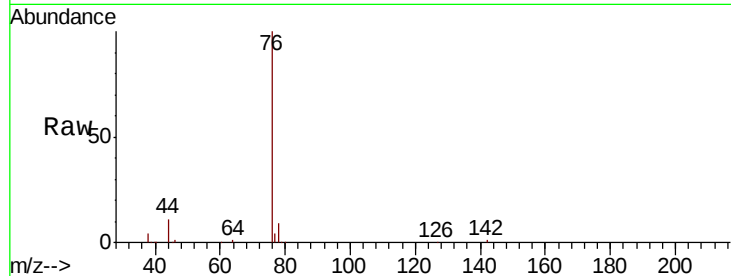
#17
Carbon Disulfide
Concen: 20.030 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.1	10.7

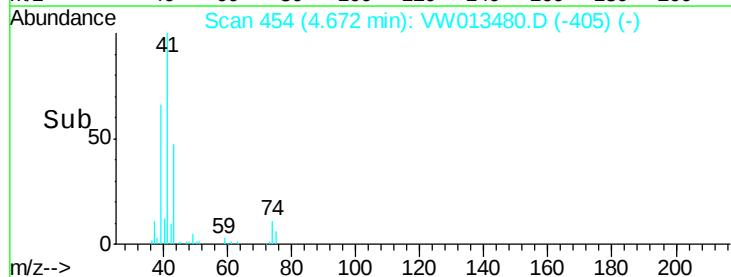
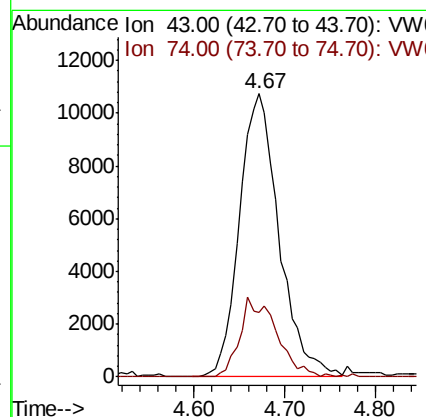
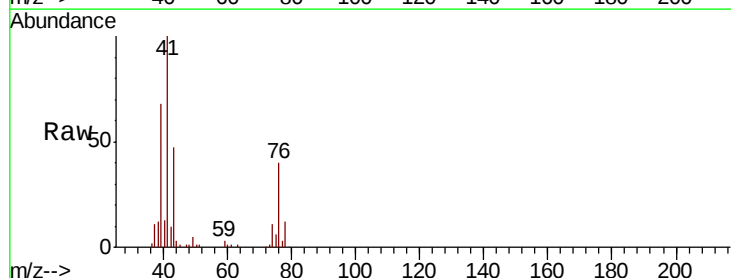
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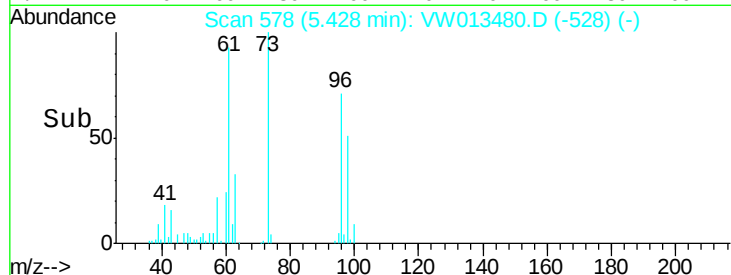
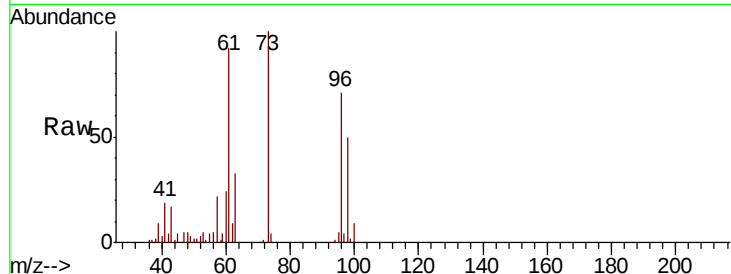
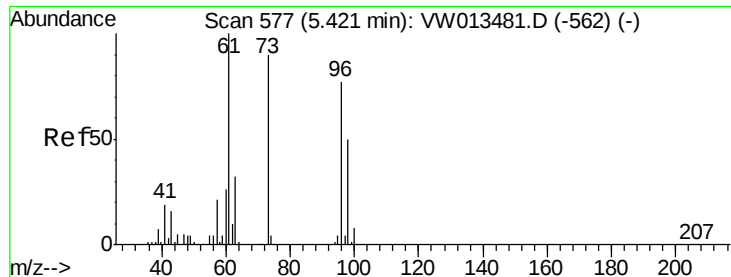
MMDadoda
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#18
Methyl Acetate
Concen: 21.248 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.6	19.6	29.4





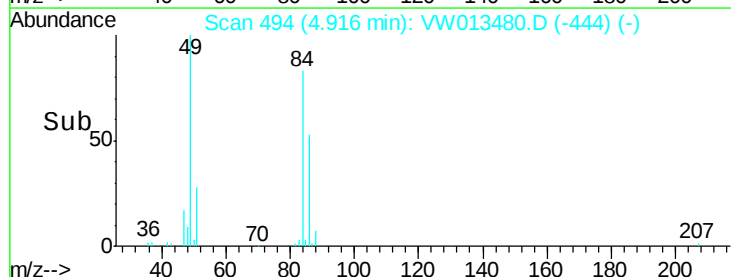
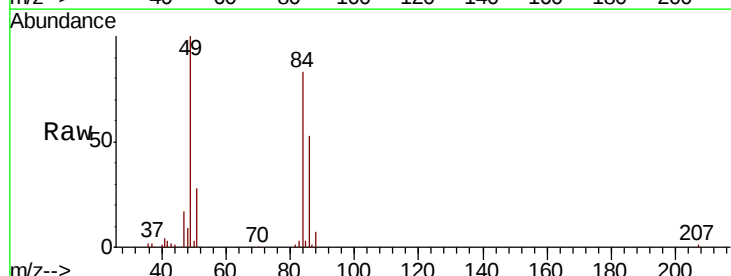
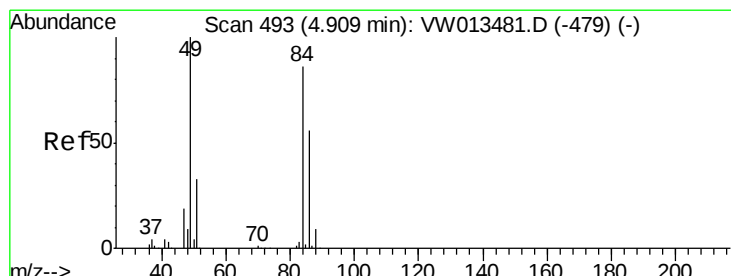
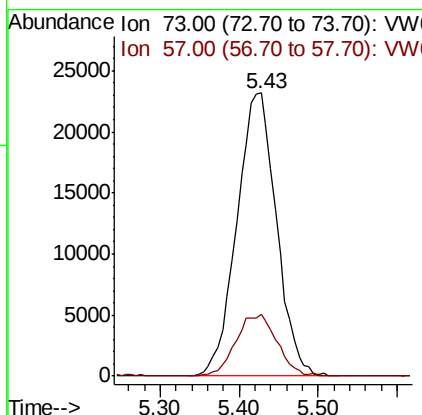
#19
Methvl tert-butvl Ether
Concen: 20.668 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Tot Ion: 73 Resp: 80827
Ion Ratio Lower Upper
73 100
57 21.7 18.6 27.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

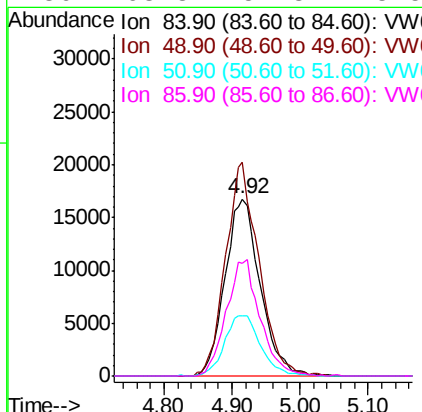
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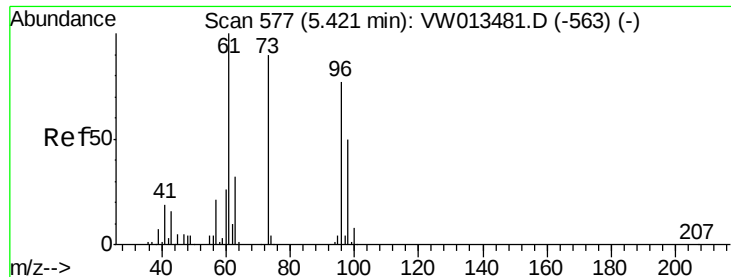
MMDadoda
10/9/2019 4:08:43 PM



#20
Methylene Chloride
Concen: 20.395 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Tgt Ion: 84 Resp: 60151
Ion Ratio Lower Upper
84 100
49 120.7 93.4 140.0
51 34.3 30.6 46.0
86 63.8 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 20.367 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 96 Resp: 55970

Ion Ratio Lower Upper

96 100

61 129.4 104.3 156.5

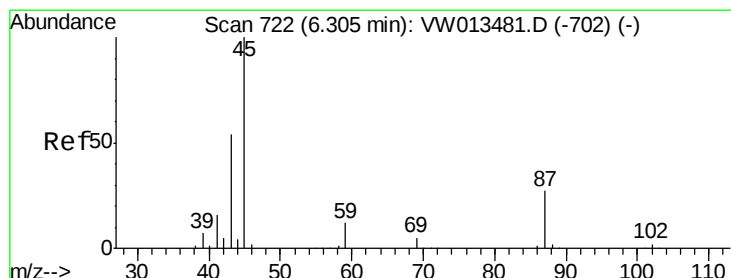
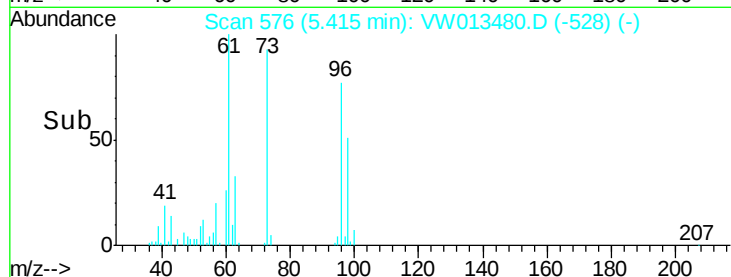
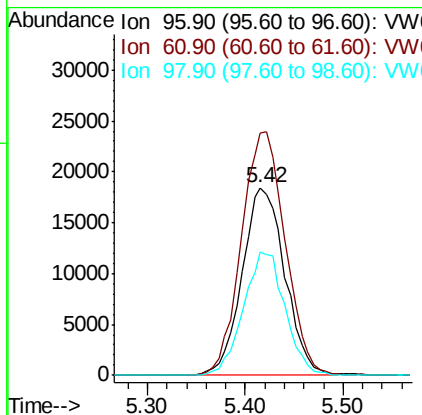
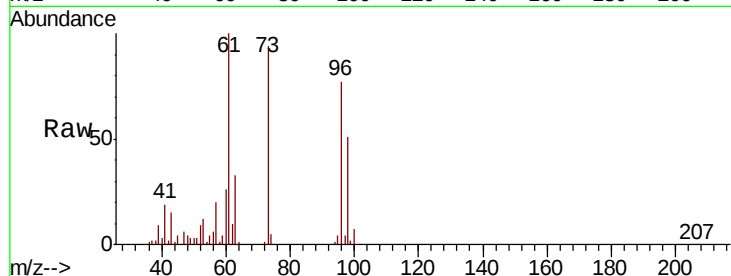
98 65.6 51.8 77.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.826 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Tgt Ion: 45 Resp: 147633

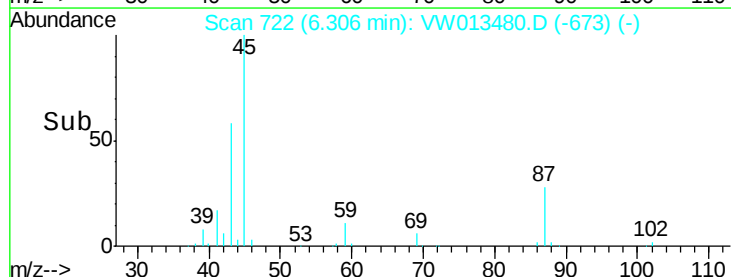
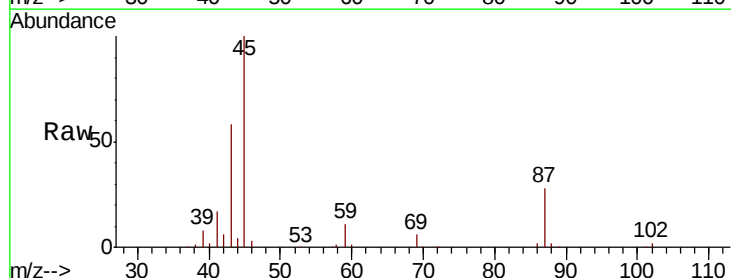
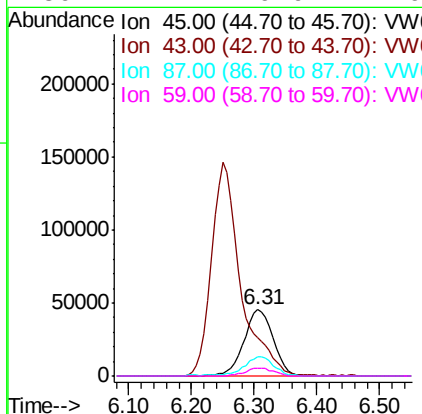
Ion Ratio Lower Upper

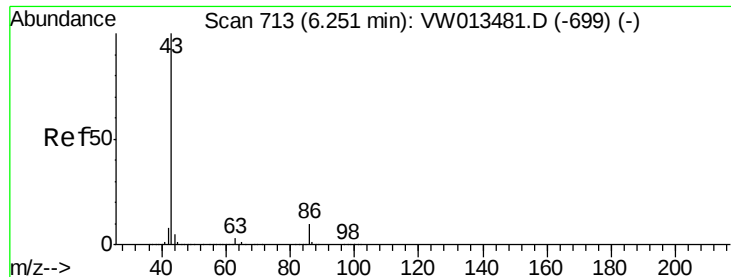
45 100

43 57.3 43.4 65.0

87 28.3 22.1 33.1

59 11.2 9.9 14.9





#23

Vinyl Acetate

Concen: 105.265 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 470601

Ion Ratio Lower Upper

43 100

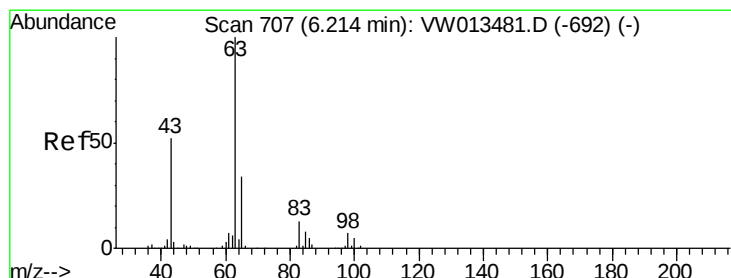
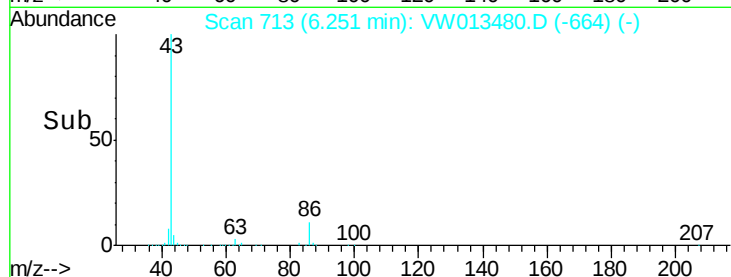
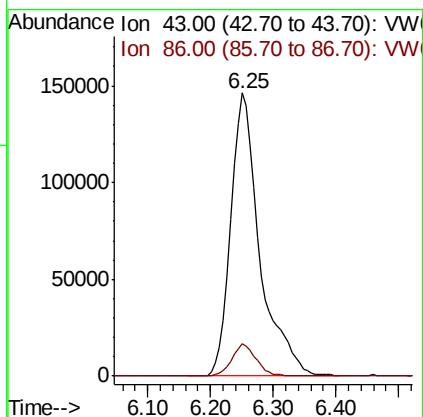
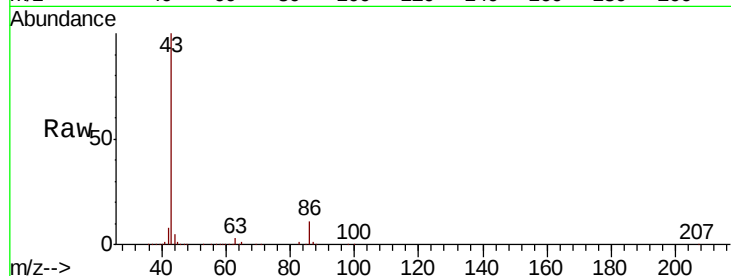
86 11.4 8.3 12.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.892 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

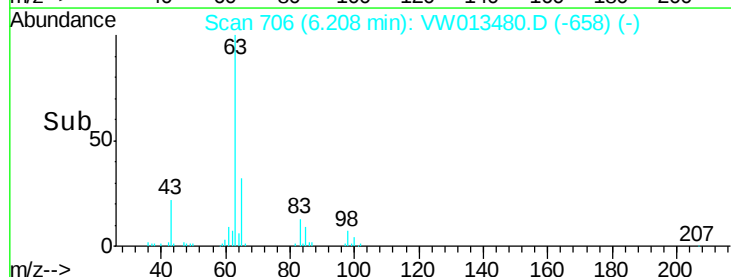
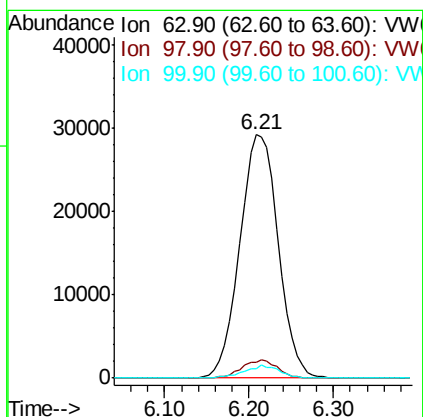
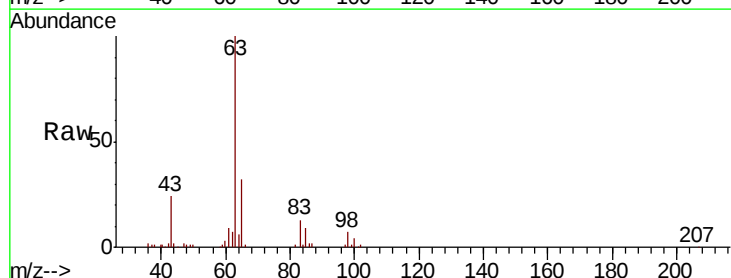
Tgt Ion: 63 Resp: 90534

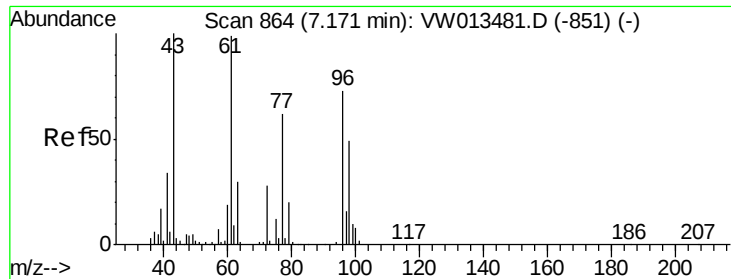
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.6

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 113.679 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 89754

Ion Ratio Lower Upper

43 100

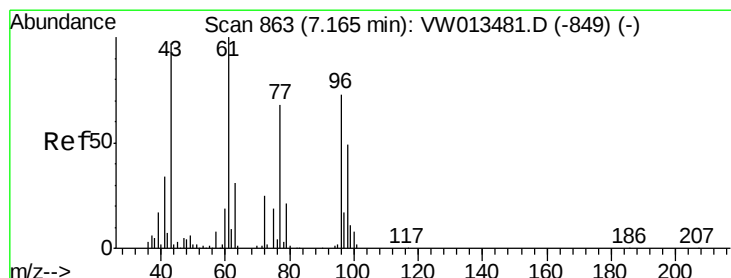
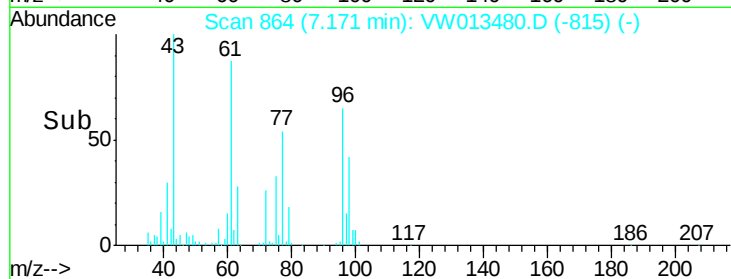
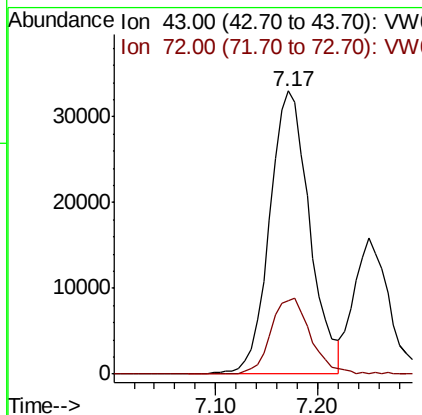
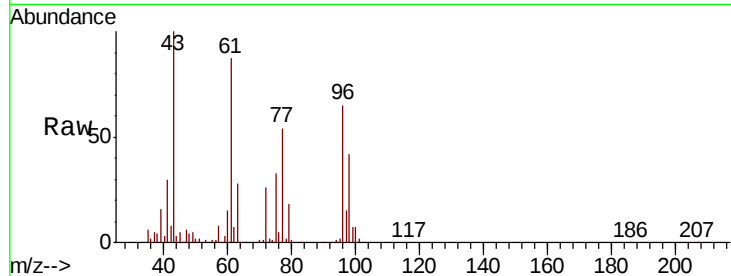
72 25.8 22.1 33.1

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 20.374 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013480.D

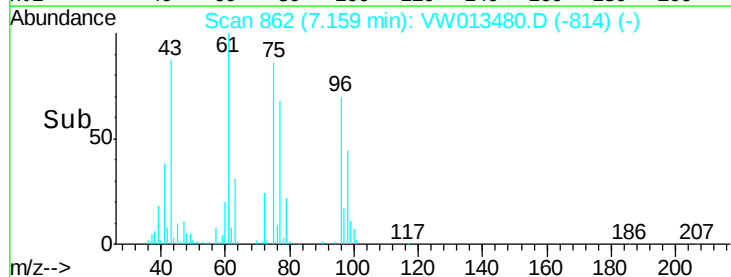
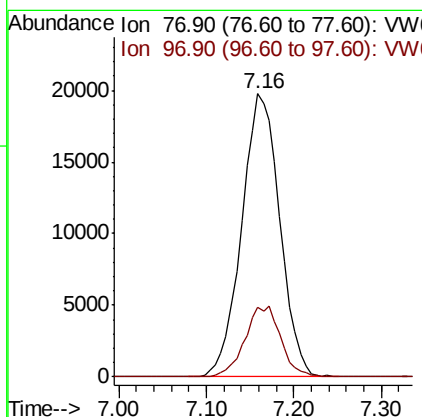
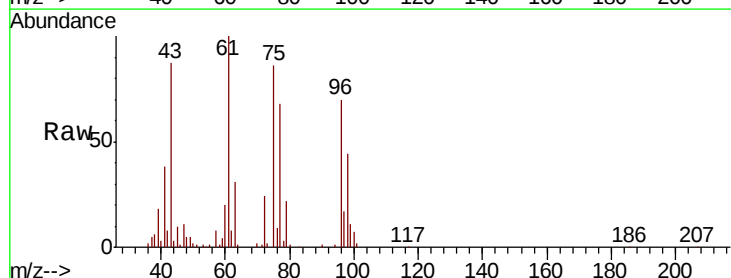
Acq: 08 Oct 2019 11:19

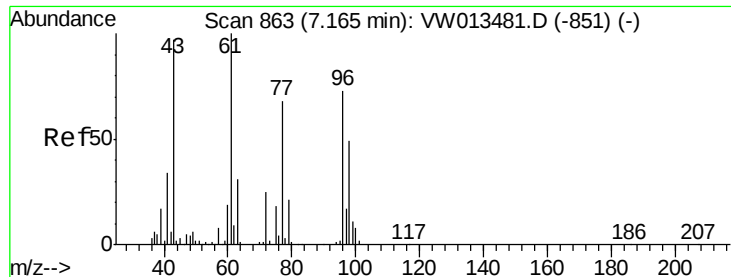
Tgt Ion: 77 Resp: 59780

Ion Ratio Lower Upper

77 100

97 23.5 12.6 37.6





#27

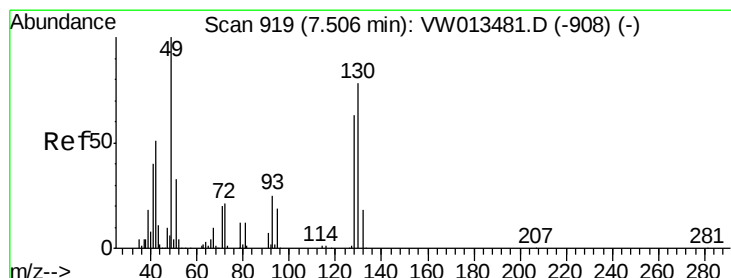
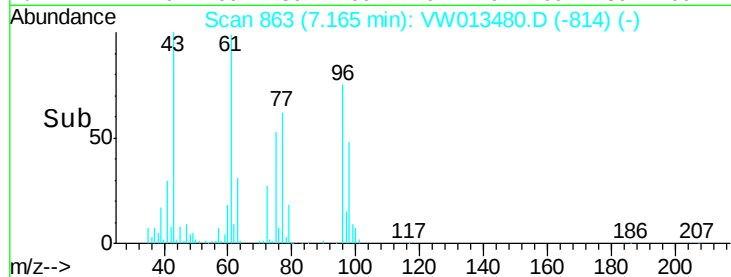
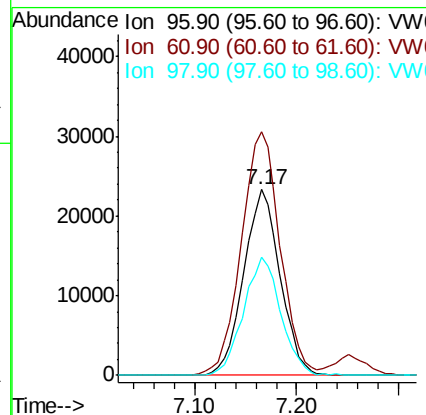
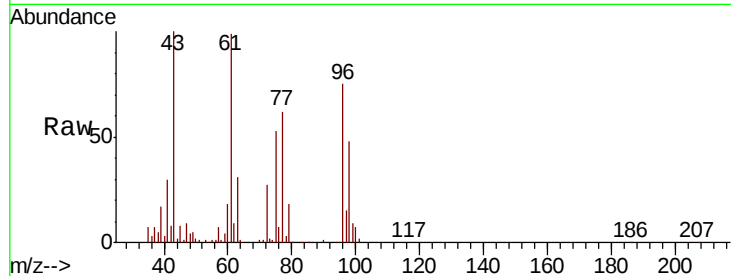
cis-1,2-Dichloroethene
 Concen: 19.903 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.8	0.0	274.4
98	65.1	0.0	130.2

Manual Integrations
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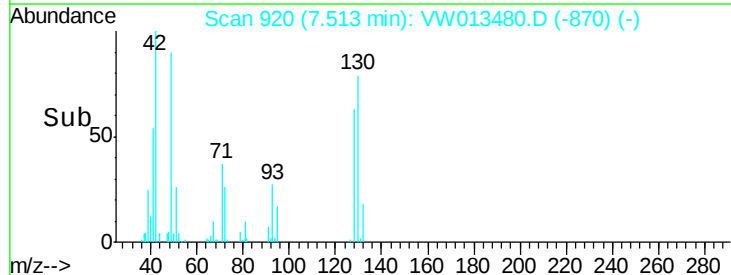
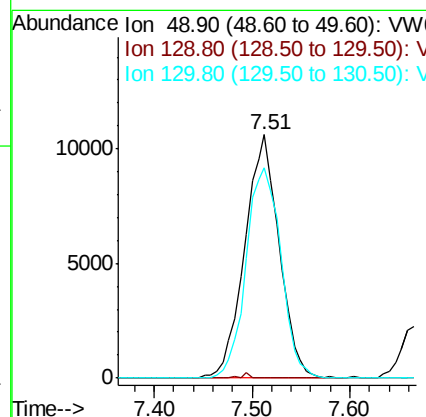
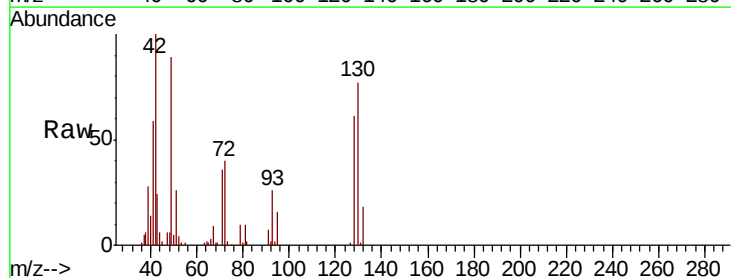
MMDadoda
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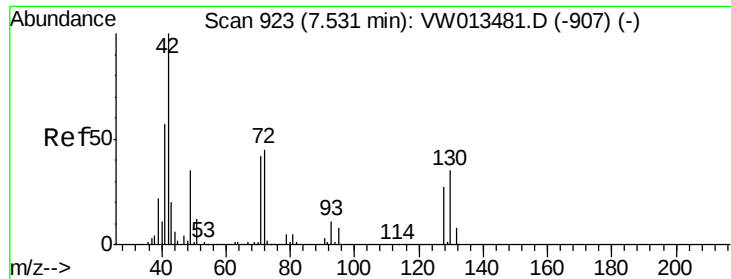


#28

Bromochloromethane
 Concen: 15.942 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	1.6
130	87.6	0.0	0.0#





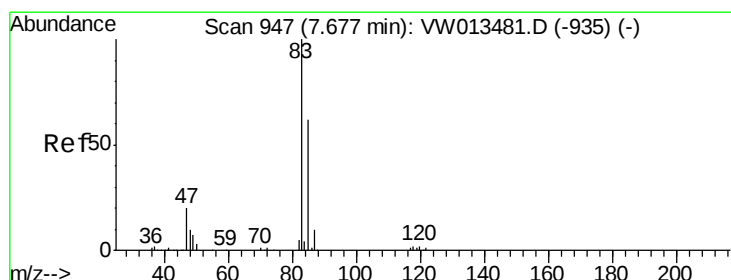
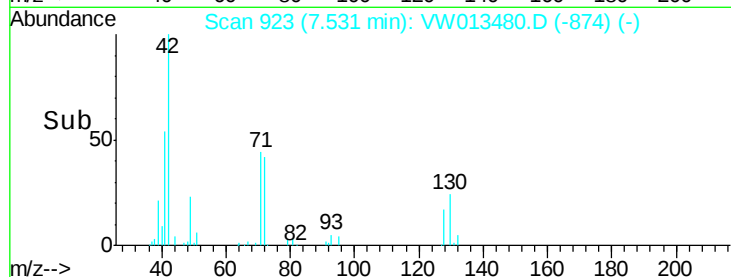
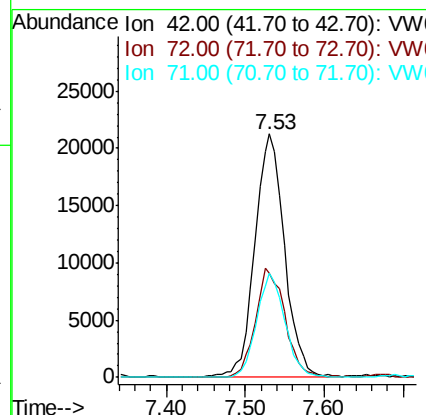
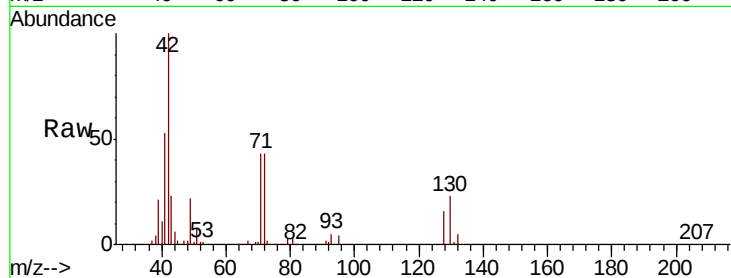
#29
Tetrahydrofuran
Concen: 115.606 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	34.8	52.2
71	40.7	33.6	50.4

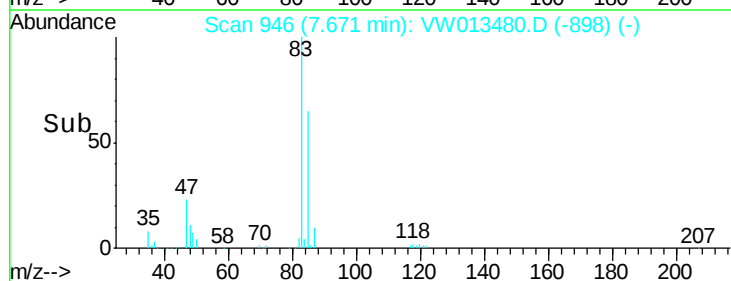
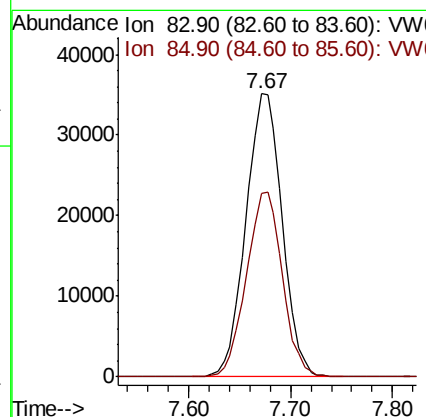
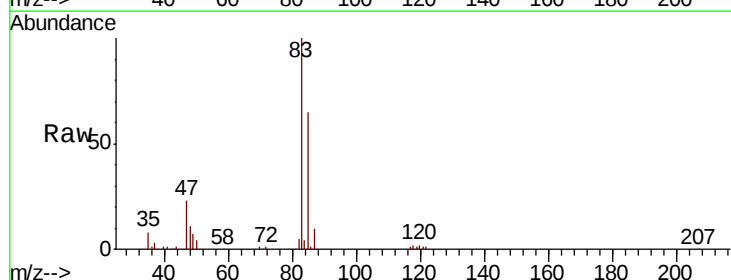
Manual Integrations
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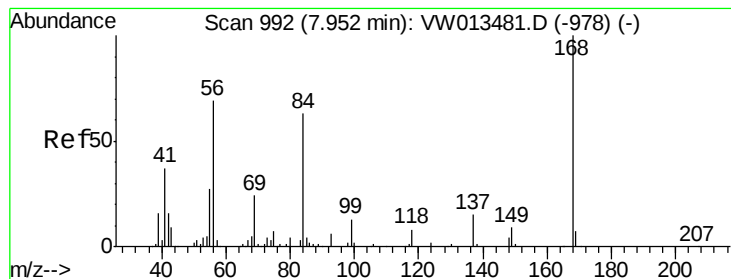
MMDadoda
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#30
Chloroform
Concen: 19.745 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	49.4	74.2





#31

Cyclohexane

Concen: 20.154 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

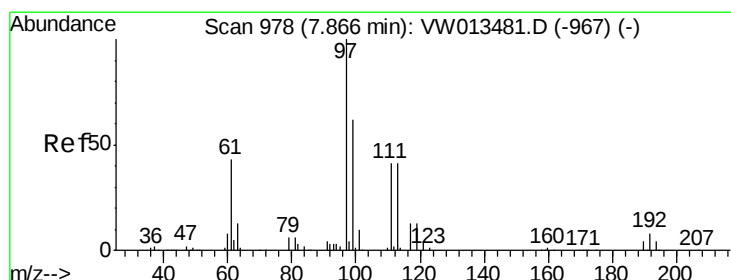
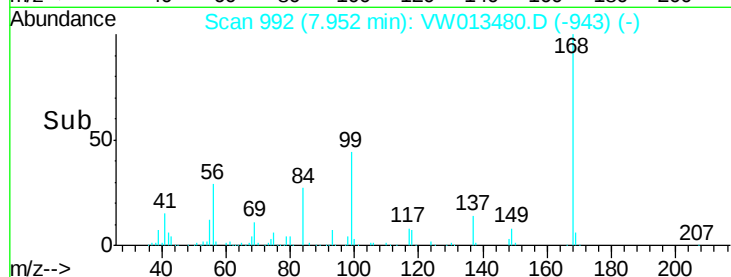
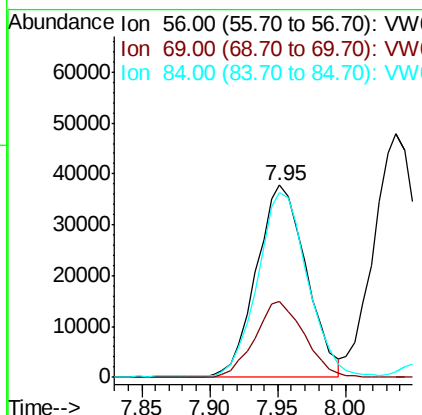
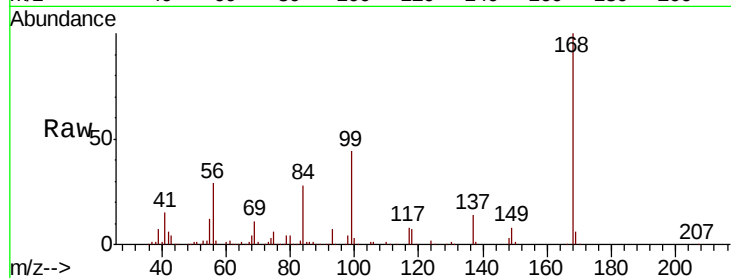
ClientSampleId :

VSTDIC020

Tot Ion:	56	Resp:	97088
Ion	Ratio	Lower	Upper
56	100		
69	39.4	28.0	42.0
84	95.6	71.8	107.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.482 ug/l

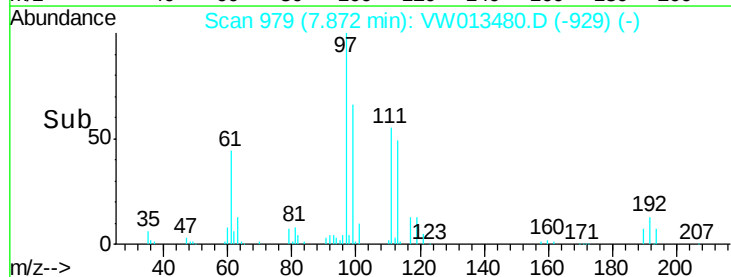
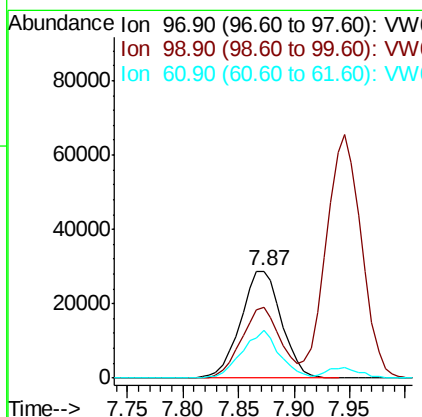
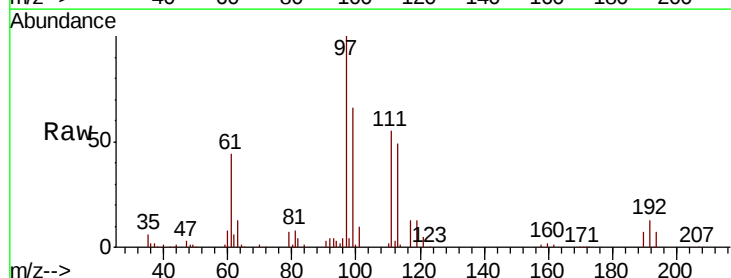
RT: 7.87 min Scan# 979

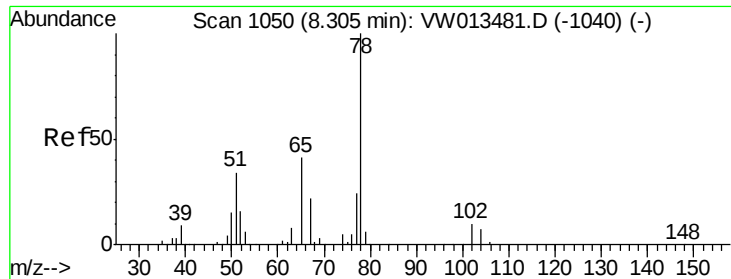
Delta R.T. 0.01 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Tgt Ion:	97	Resp:	73298
Ion	Ratio	Lower	Upper
97	100		
99	62.8	52.3	78.5
61	40.7	33.7	50.5





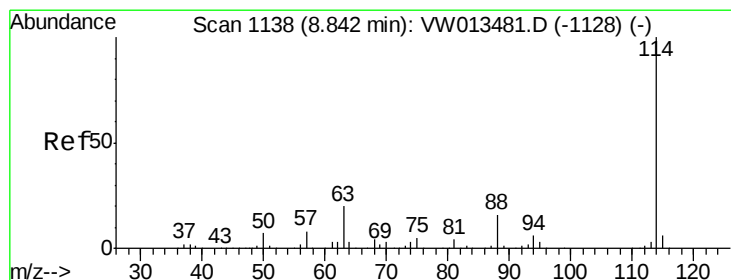
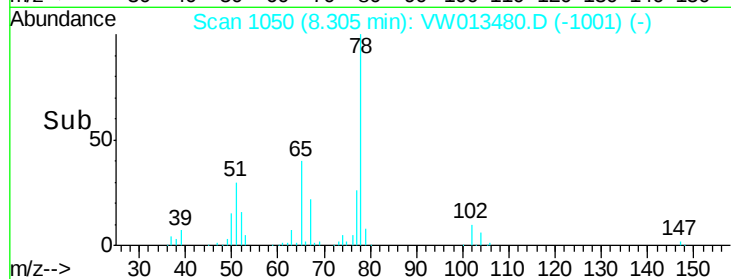
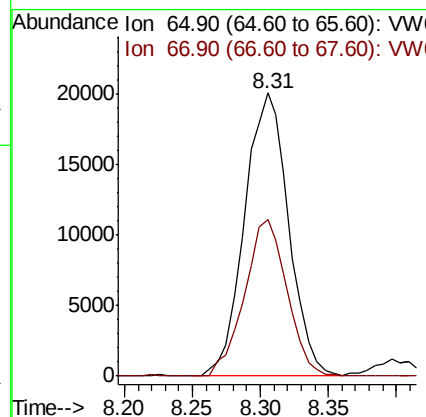
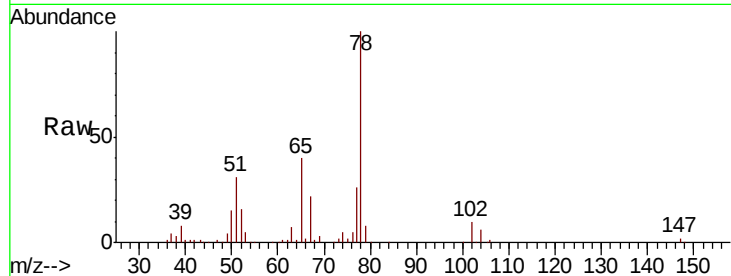
#33
 1,2-Dichloroethane-d4
 Concen: 19.706 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

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

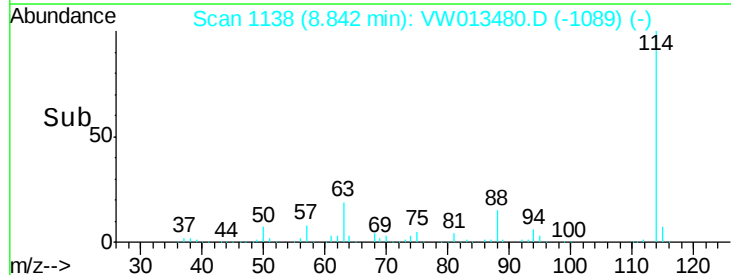
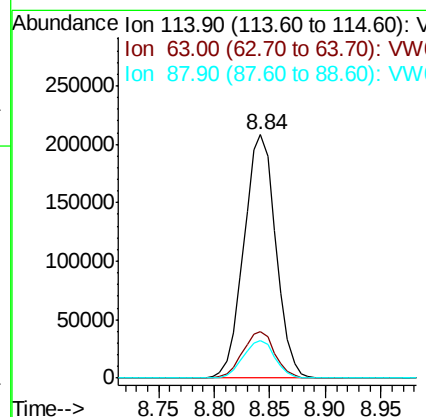
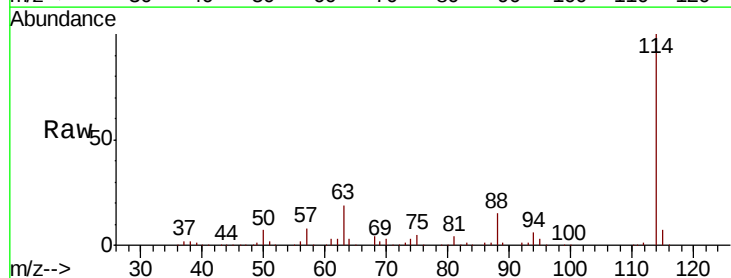
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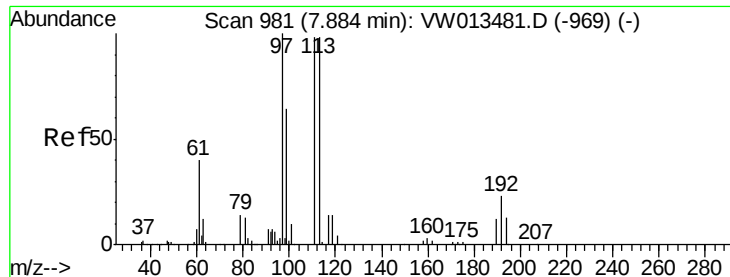
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.0	0.0	40.4	
88	15.4	0.0	31.4	





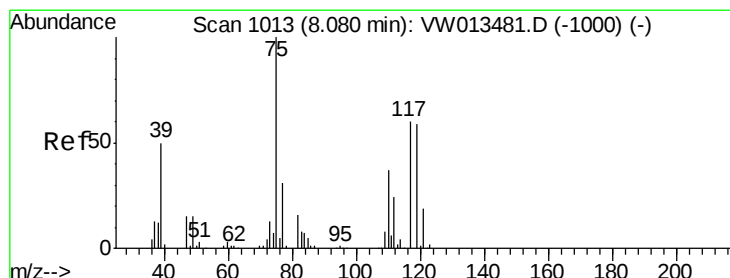
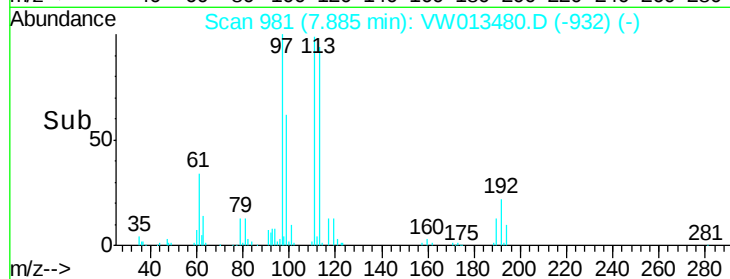
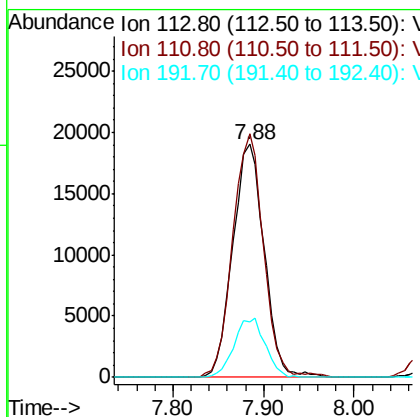
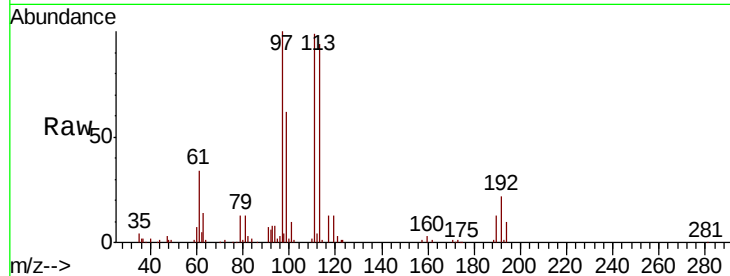
#35
 Dibromofluoromethane
 Concen: 19.820 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.3	123.5
192	25.1	19.3	28.9

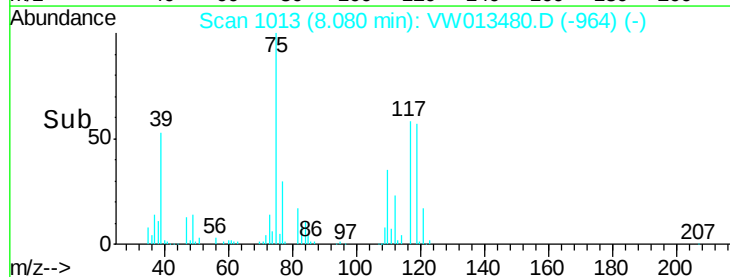
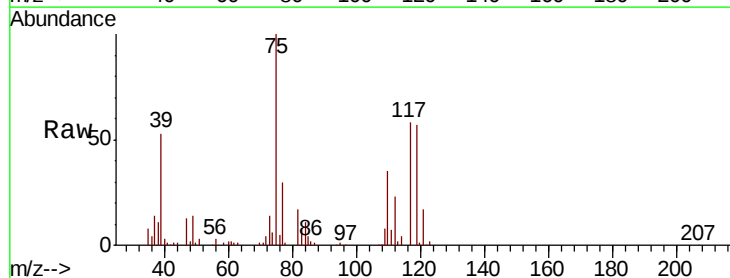
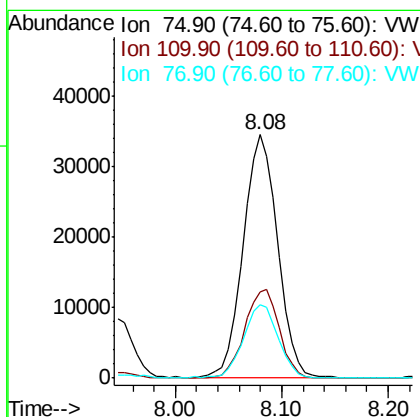
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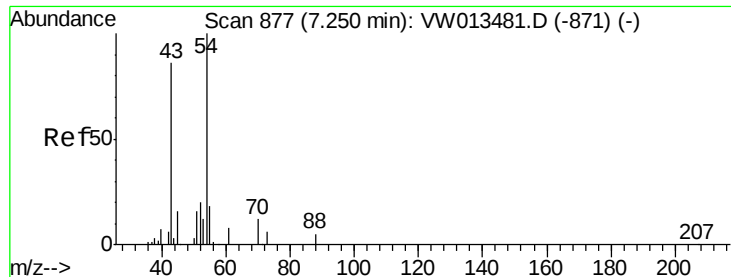
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#36
 1,1-Dichloropropene
 Concen: 21.003 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.4	55.2
77	30.6	25.0	37.4





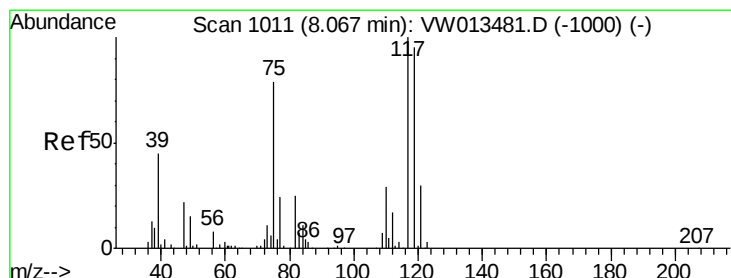
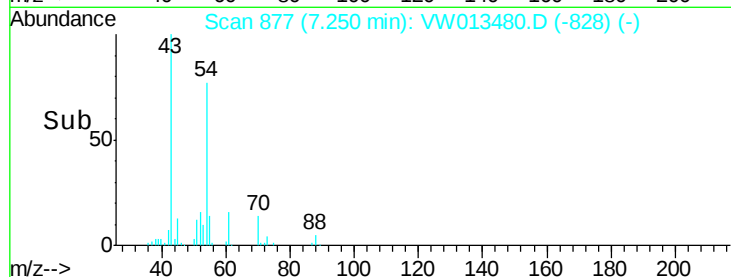
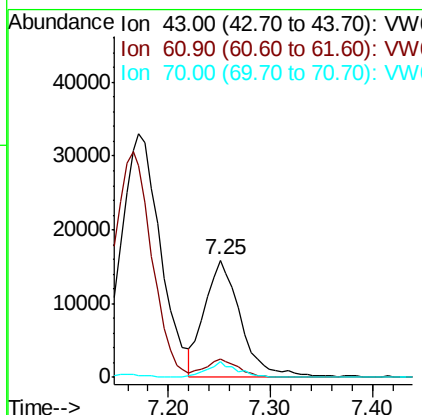
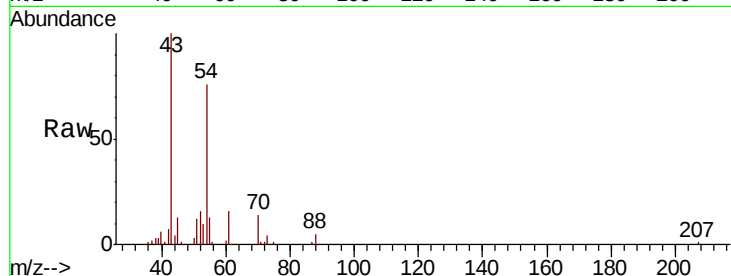
#37
Ethyl Acetate
Concen: 22.860 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.9	16.3
70	11.2	9.2	13.8

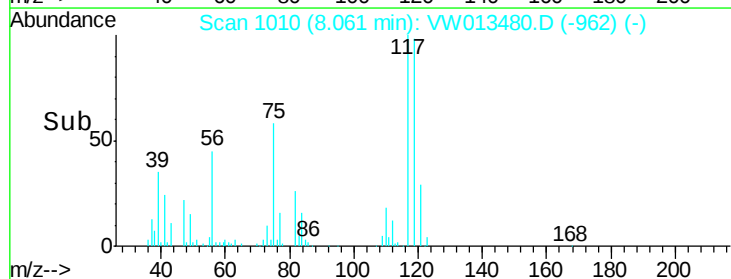
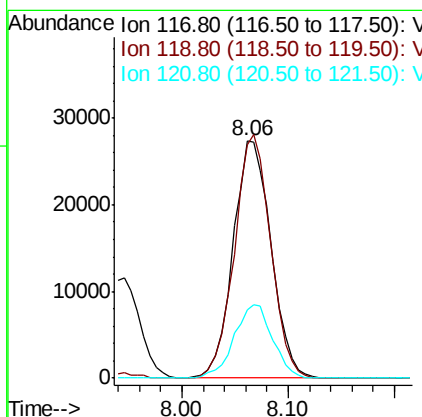
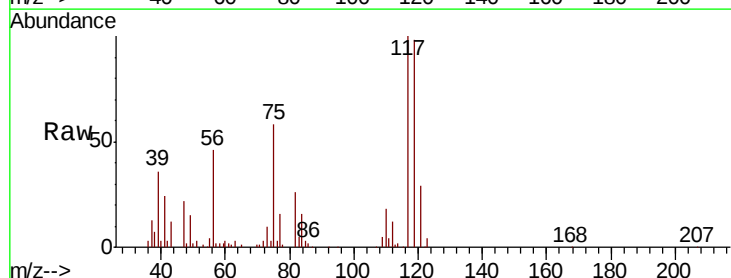
Manual Integrations
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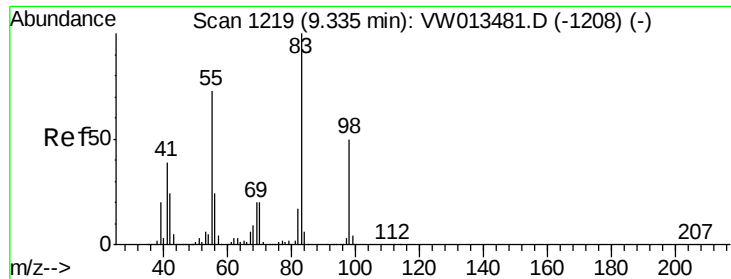
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#38
Carbon Tetrachloride
Concen: 20.634 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.3	114.5
121	28.7	23.6	35.4





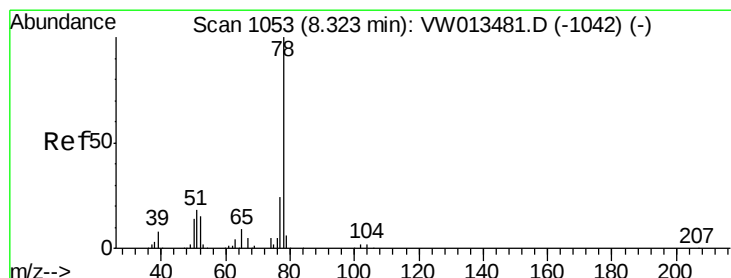
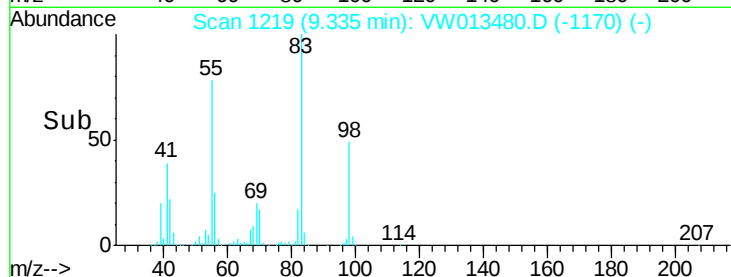
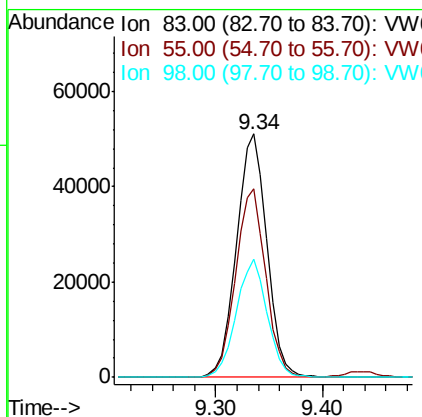
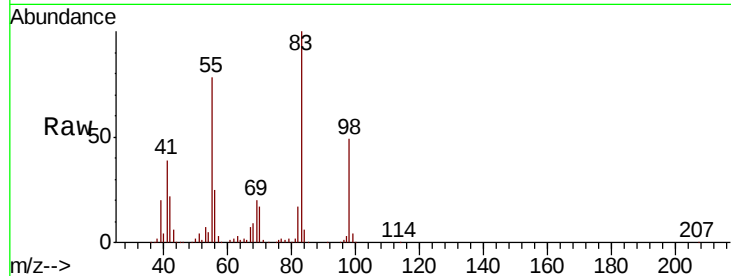
#39
Methvlcvclohexane
Concen: 21.127 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	58.2	87.4
98	48.8	39.8	59.6

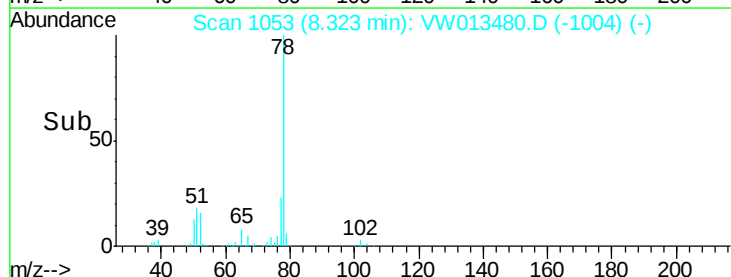
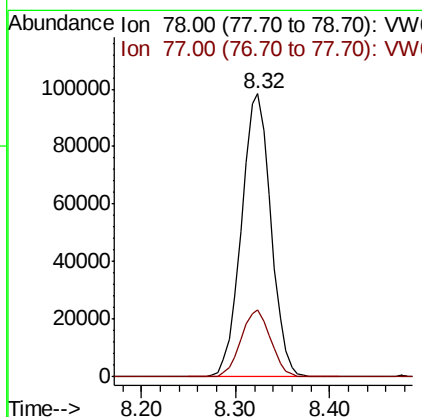
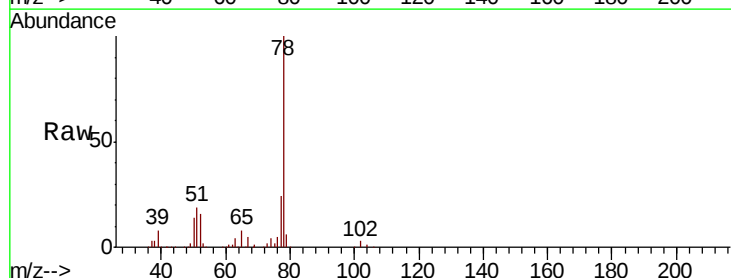
Manual Integrations
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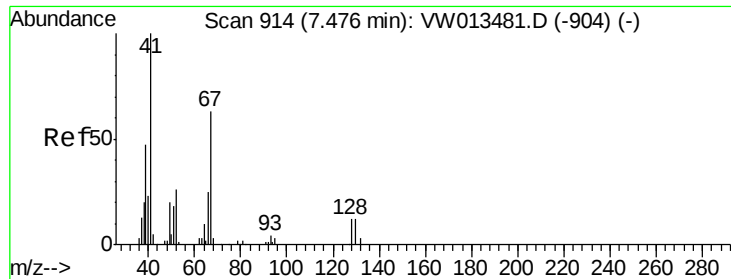
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#40
Benzene
Concen: 20.640 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8





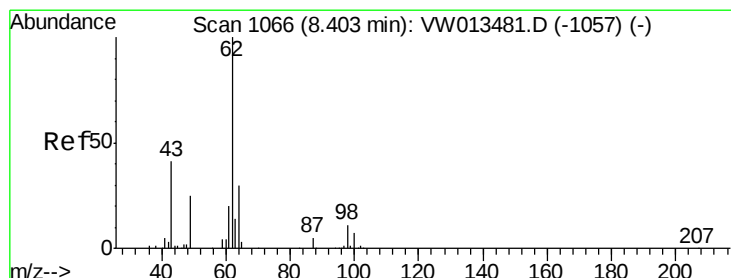
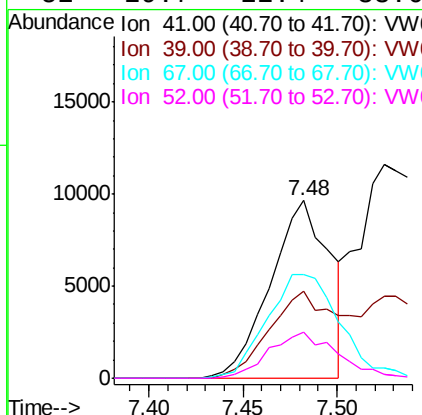
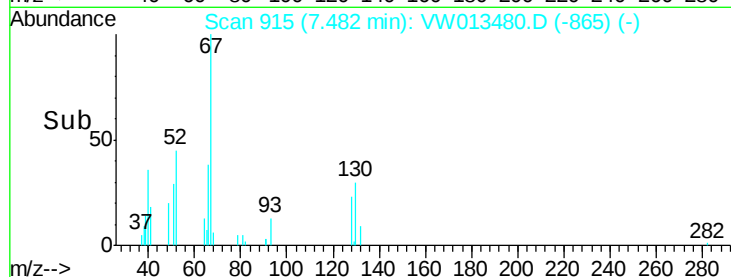
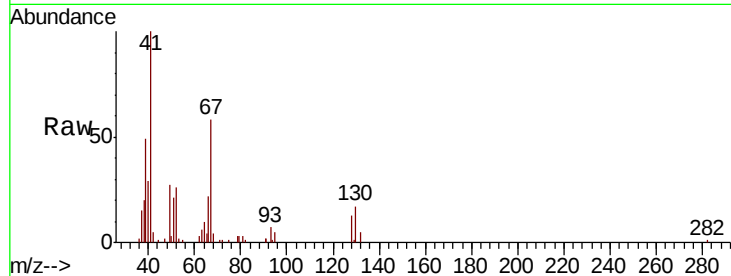
#41
Methacrylonitrile
Concen: 21.844 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion:	41	Resp:	21115
Ion	Ratio	Lower	Upper
41	100		
39	62.4	39.4	59.0#
67	72.4	57.0	85.6
52	29.7	22.4	33.6

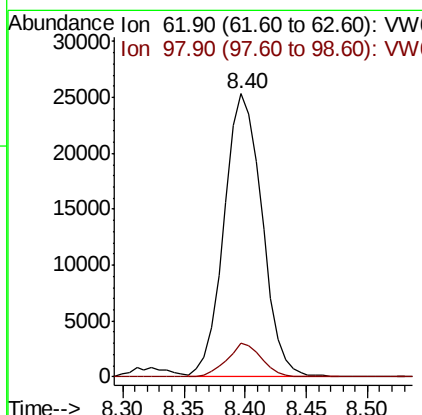
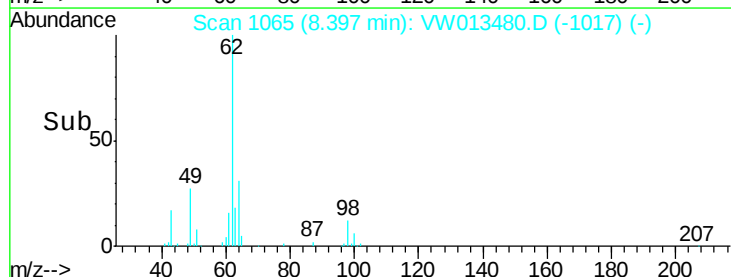
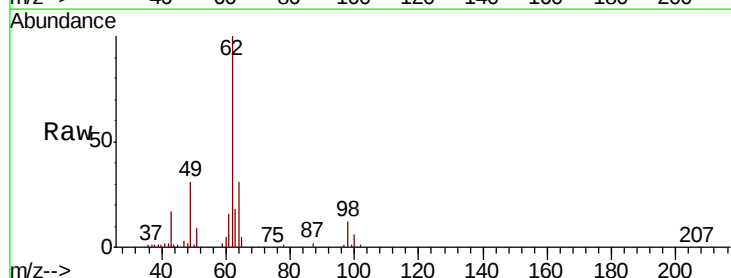
Manual Integrations
APPROVED

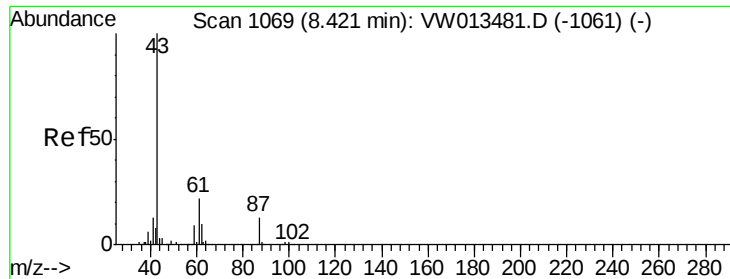
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.605 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Tgt Ion:	62	Resp:	54469
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.4





#43

Isopropyl Acetate

Concen: 21.821 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

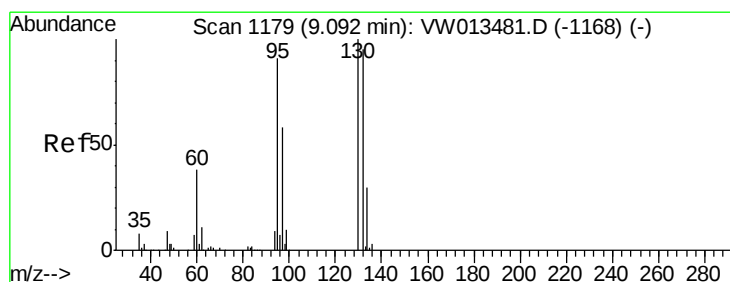
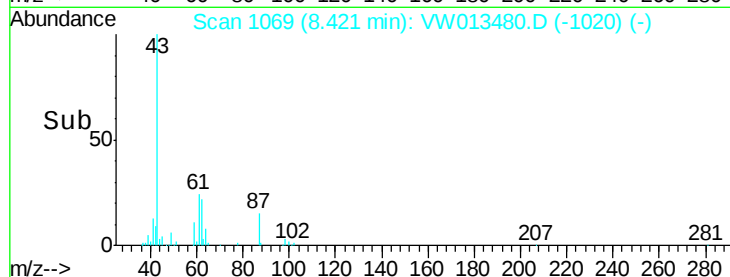
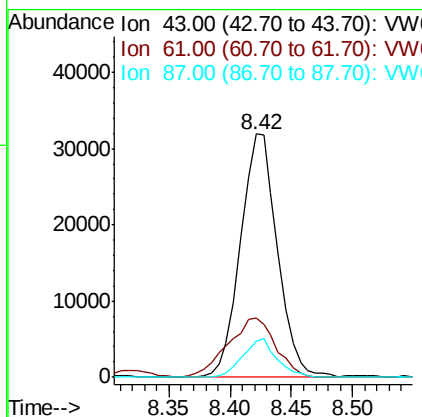
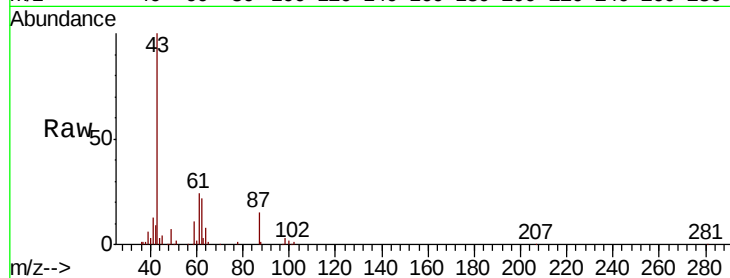
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	67015
Ion	Ratio	Lower	Upper
43	100		
61	31.7	25.4	38.2
87	14.6	10.8	16.2

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#44

Trichloroethene

Concen: 20.598 ug/l

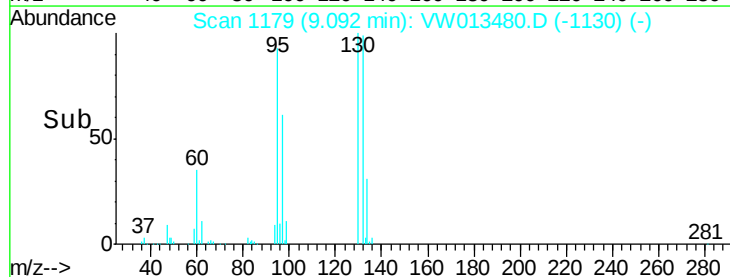
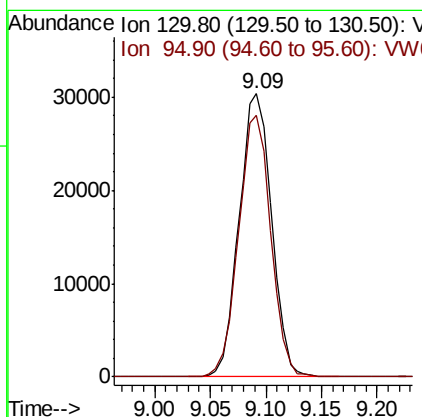
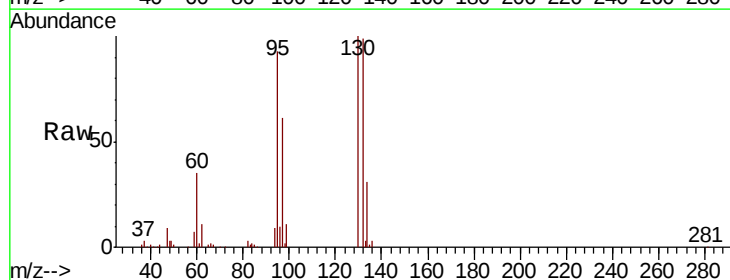
RT: 9.09 min Scan# 1179

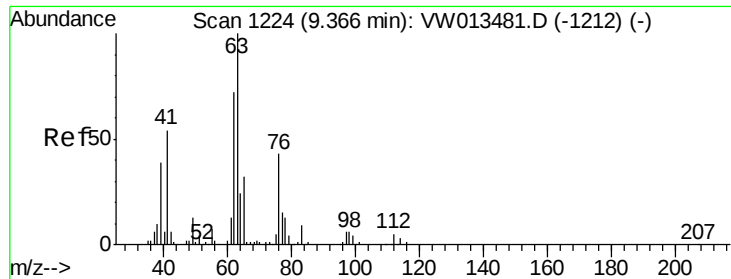
Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Tgt Ion:	130	Resp:	61454
Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	182.2





#45

1,2-Dichloropropane

Concen: 20.526 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 51525

Ion Ratio Lower Upper

63 100

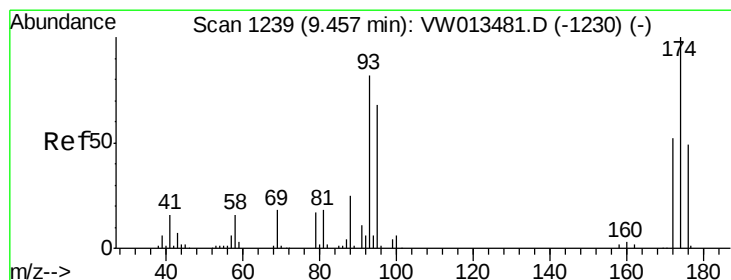
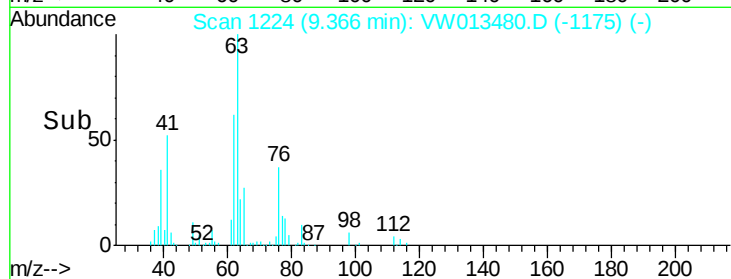
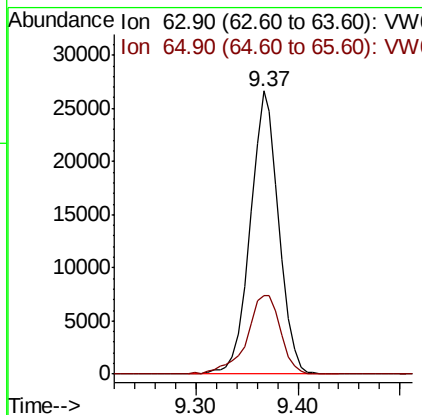
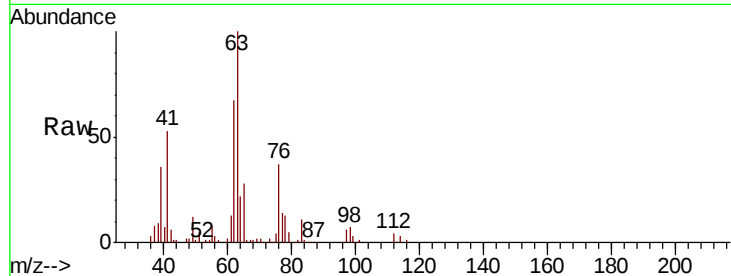
65 27.8 25.8 38.6

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#46

Dibromomethane

Concen: 21.380 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

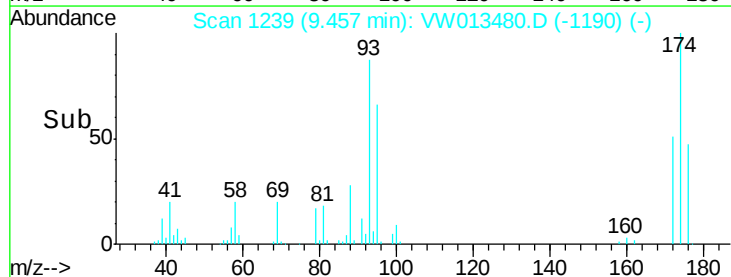
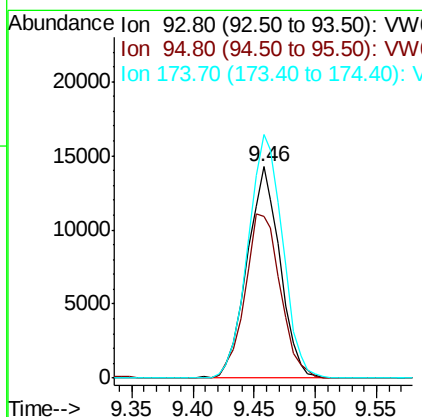
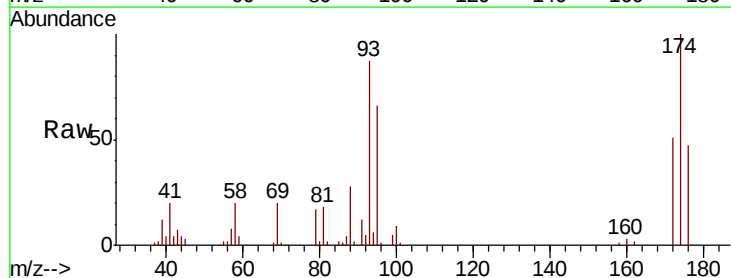
Tgt Ion: 93 Resp: 26737

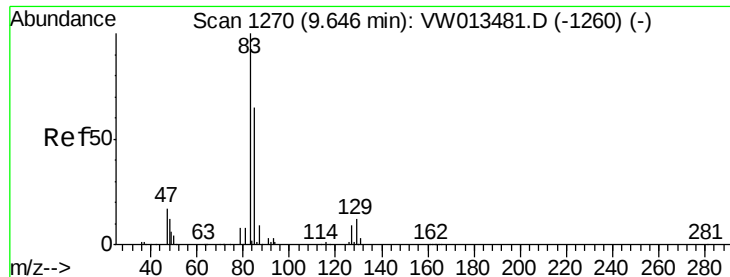
Ion Ratio Lower Upper

93 100

95 83.3 68.0 102.0

174 121.3 97.0 145.6





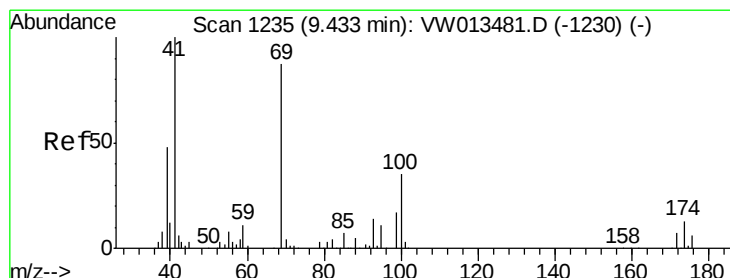
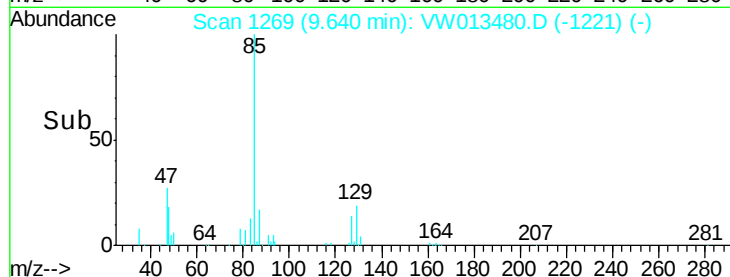
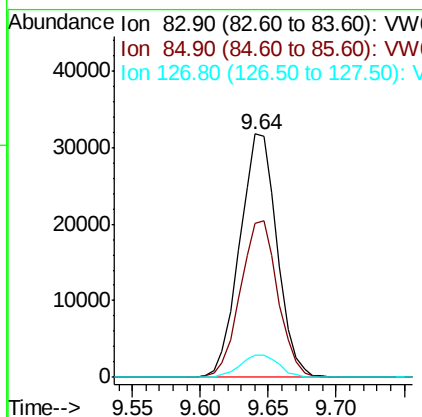
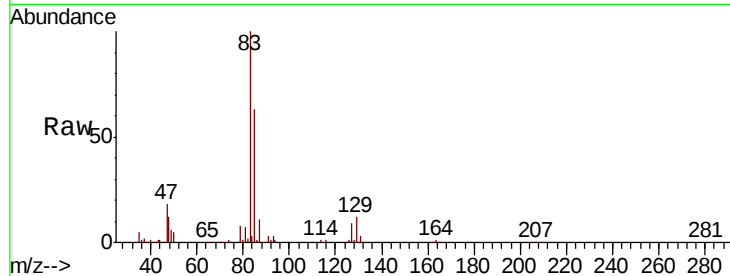
#47
Bromodichloromethane
Concen: 19.576 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
83	100	60854		
85	63.3		51.9	77.9
127	9.1		7.4	11.2

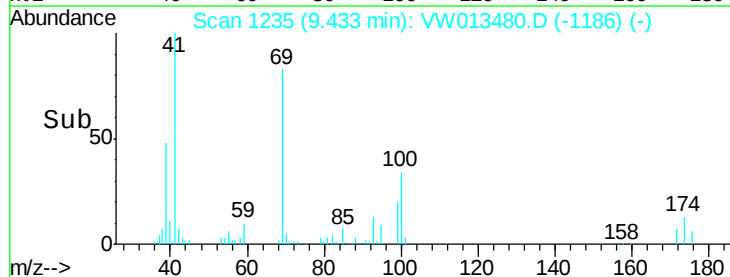
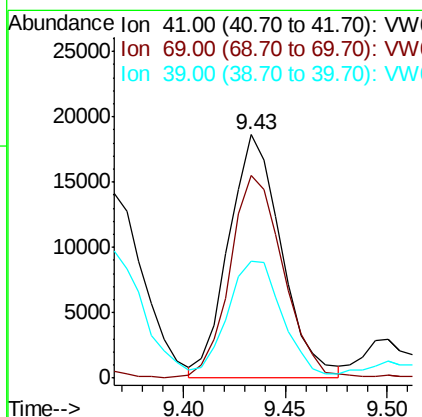
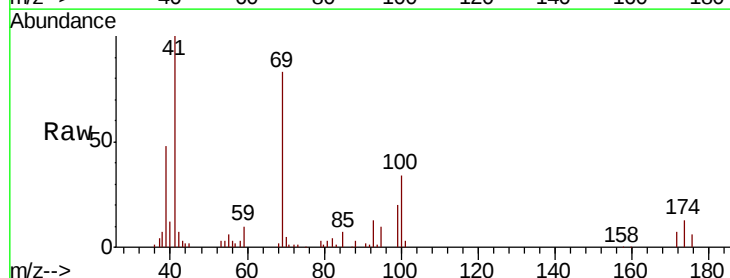
Manual Integrations
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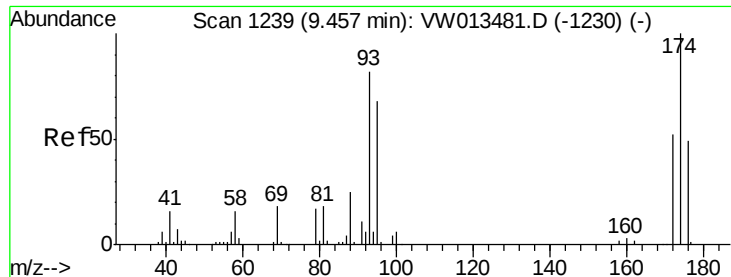
MMDadoda
10/9/2019 4:08:43 PM



#48
Methyl methacrylate
Concen: 22.016 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	33305		
69	84.6		70.4	105.6
39	46.6		37.3	55.9





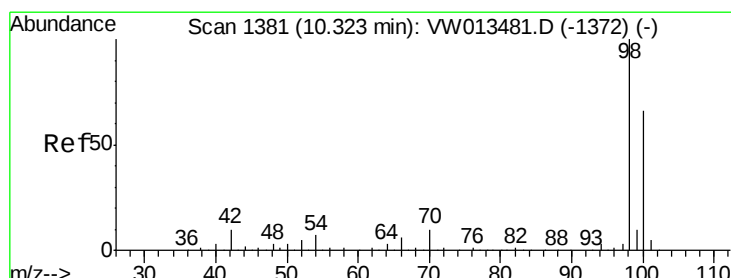
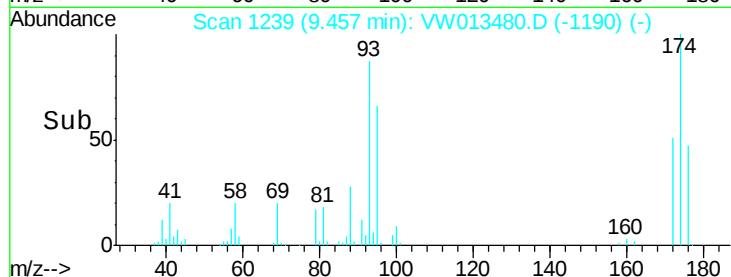
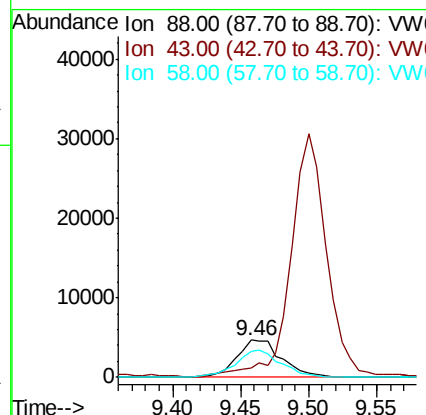
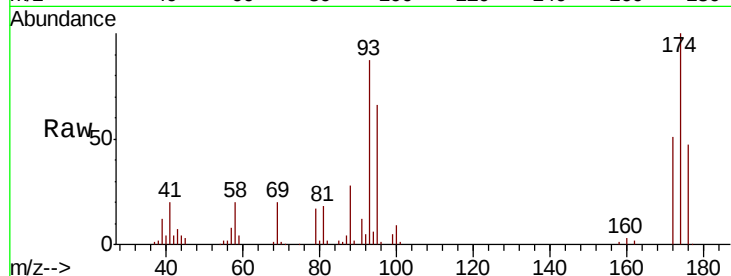
#49
 1,4-Dioxane
 Concen: 490.028 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	88	Resp	10760
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	75.2	60.0	90.0

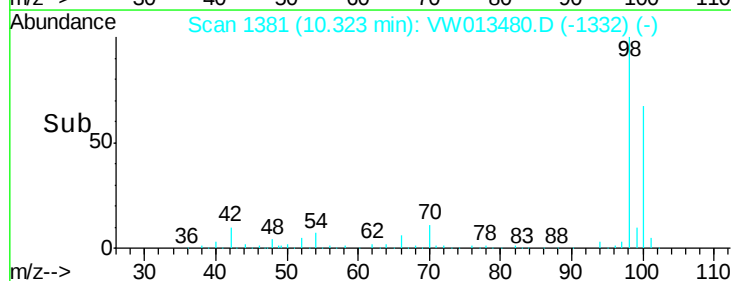
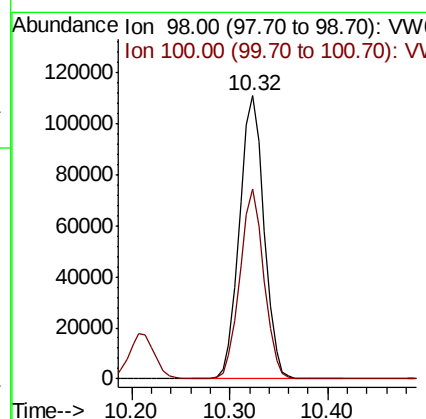
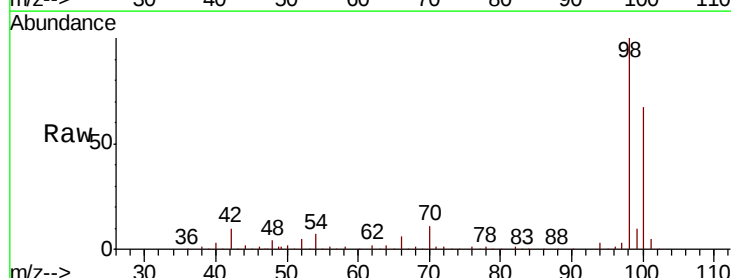
Manual Integrations
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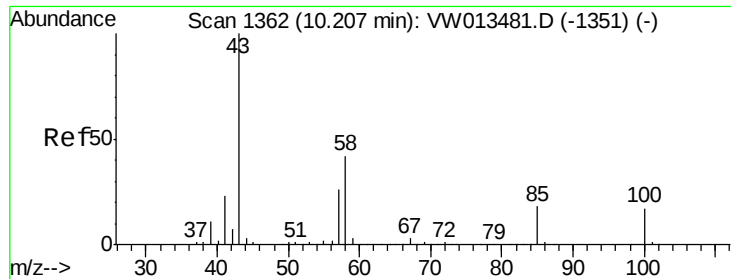
MMDadoda
 10/9/2019 4:08:43 PM



#50
 Toluene-d8
 Concen: 19.915 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Tgt Ion	98	Resp	193586
Ion Ratio	Lower	Upper	
98	100		
100	65.5	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 114.532 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 184922

Ion Ratio Lower Upper

43 100

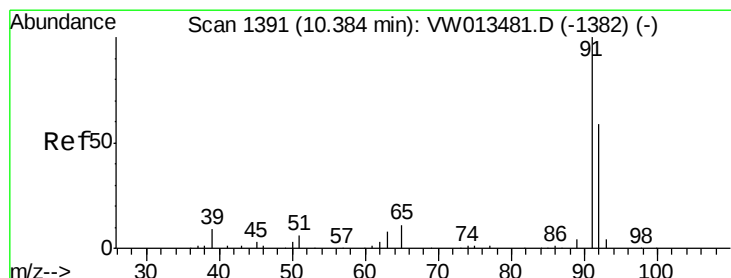
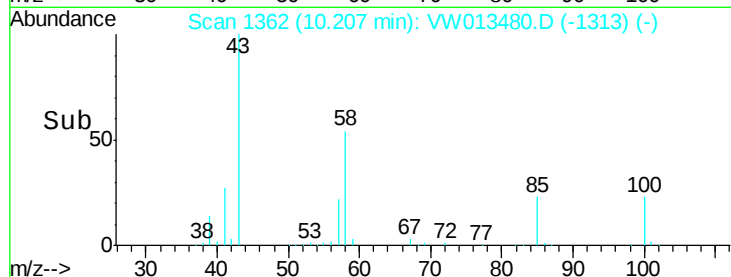
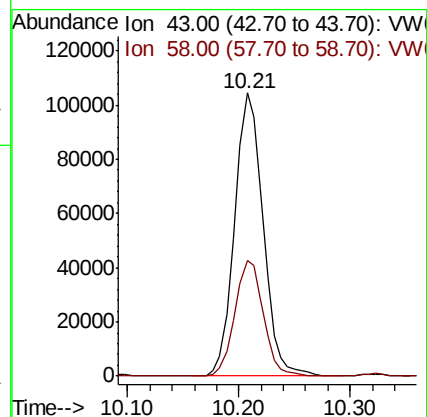
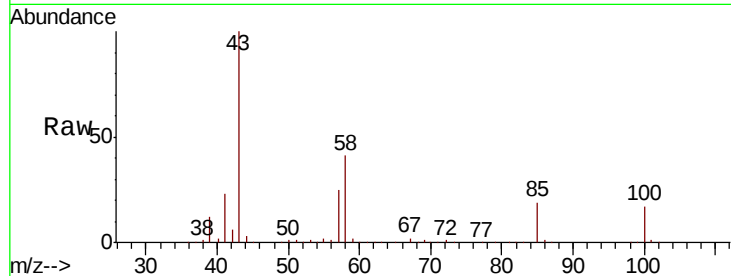
58 41.0 32.8 49.2

Manual Integrations

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#52

Toluene

Concen: 20.495 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013480.D

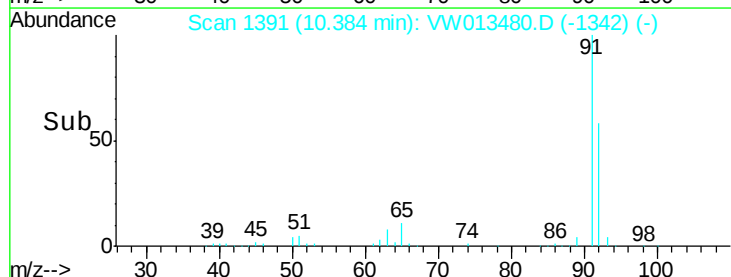
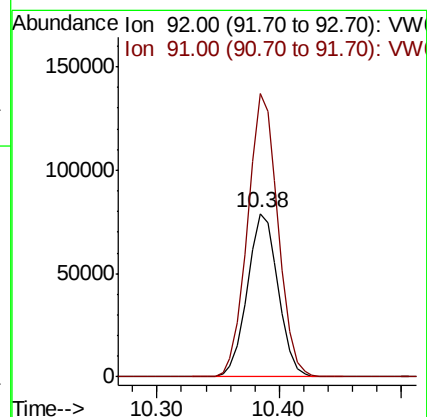
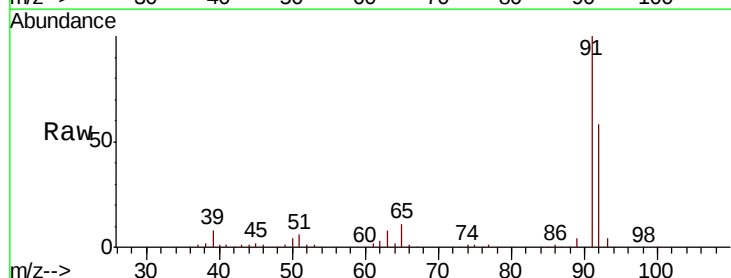
Acq: 08 Oct 2019 11:19

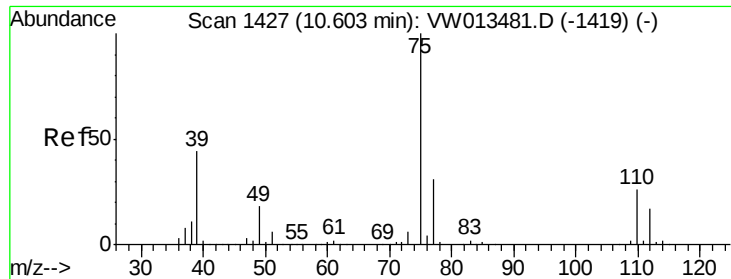
Tgt Ion: 92 Resp: 138068

Ion Ratio Lower Upper

92 100

91 171.6 134.8 202.2





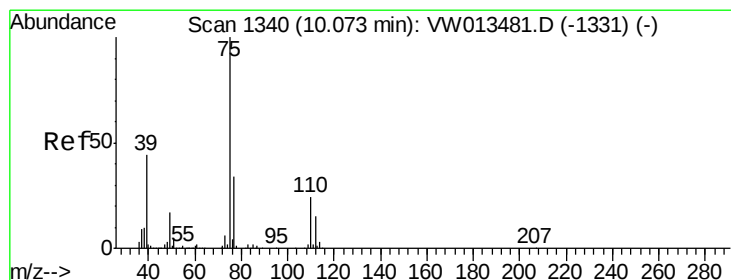
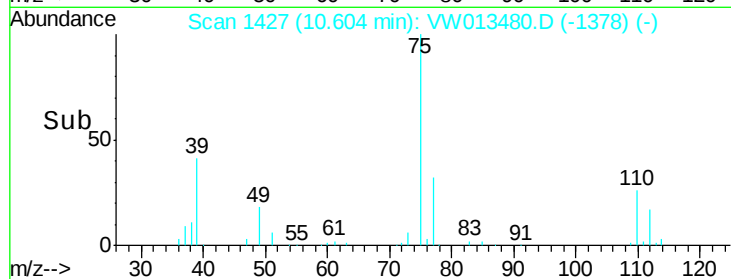
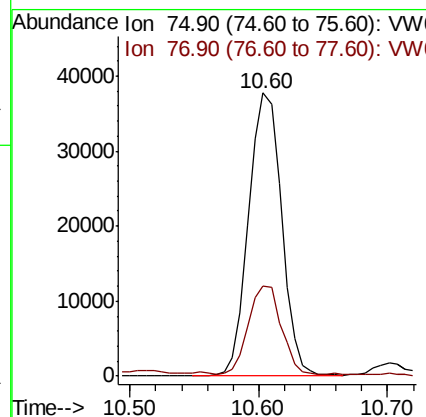
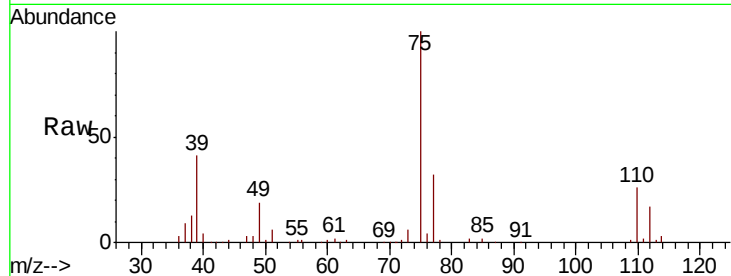
#53
 t-1,3-Dichloropropene
 Concen: 20.739 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion: 75 Resp: 66990
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8

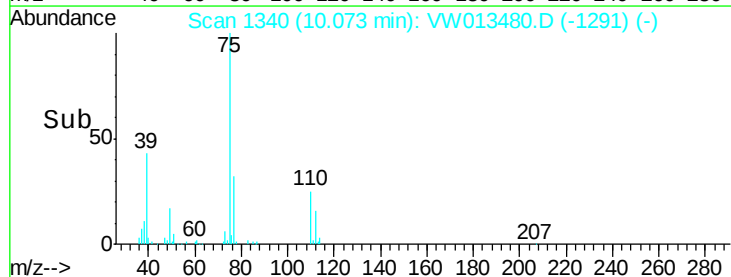
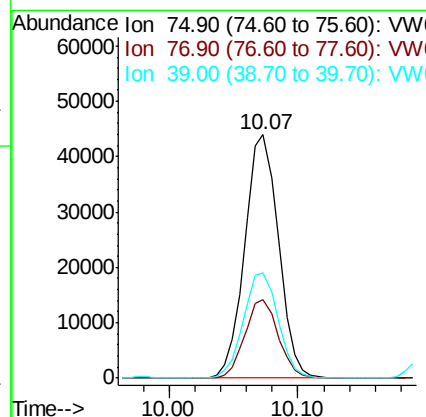
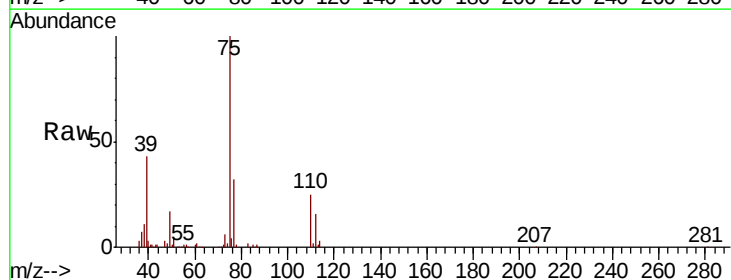
Manual Integrations
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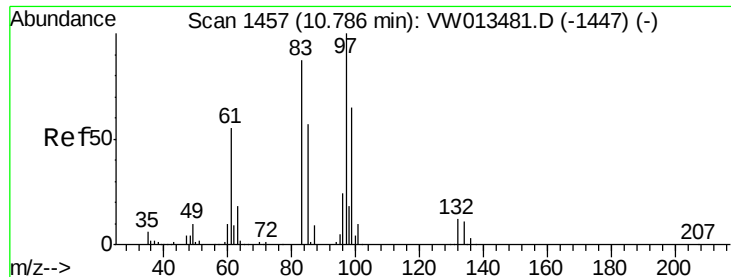
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 10/9/2019 4:08:43 PM



#54
 cis-1,3-Dichloropropene
 Concen: 20.351 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Tgt Ion: 75 Resp: 79639
 Ion Ratio Lower Upper
 75 100
 77 32.5 27.0 40.4
 39 43.3 35.0 52.4





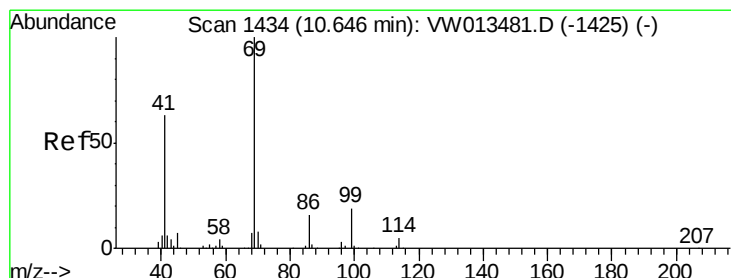
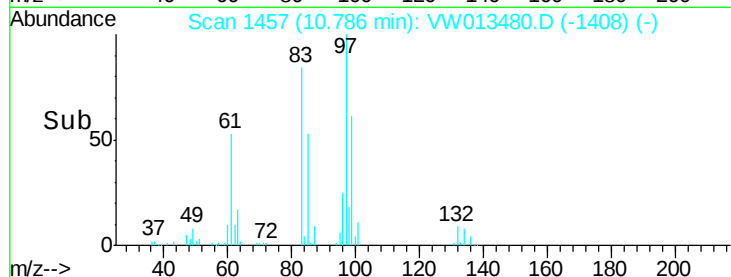
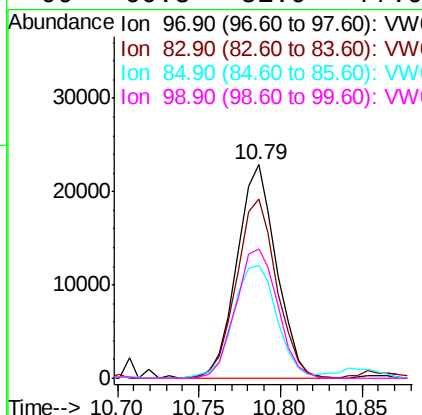
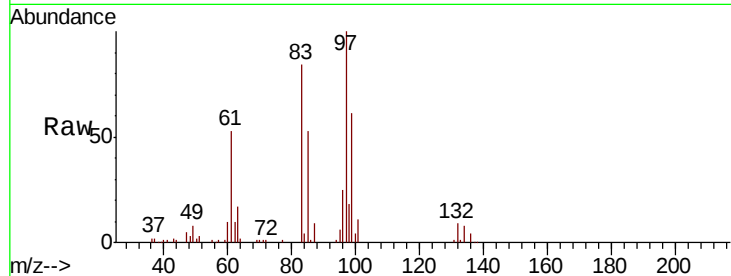
#55
 1,1,2-Trichloroethane
 Concen: 20.514 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	38506
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.8	104.8
85	52.4	45.4	68.0
99	60.8	51.9	77.9

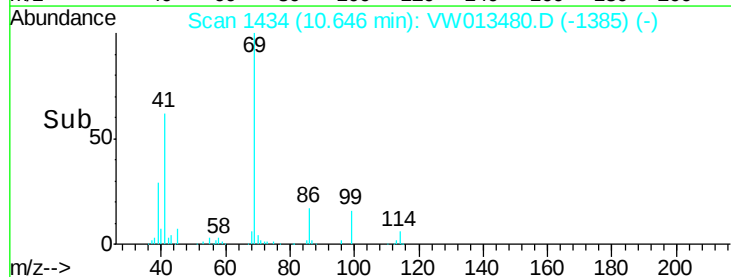
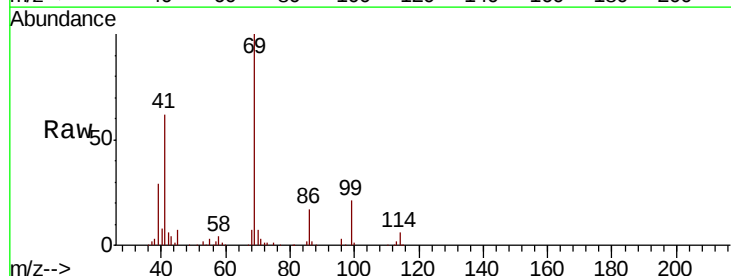
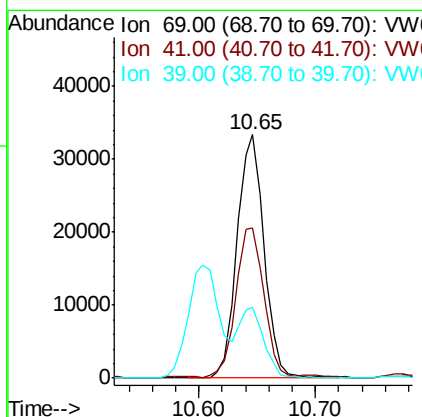
Manual Integrations
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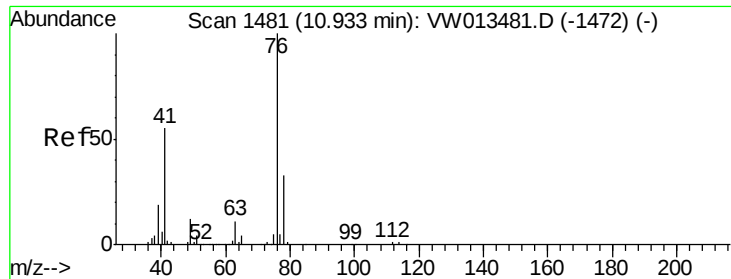
MMDadoda
 10/9/2019 4:08:43 PM



#56
 Ethyl methacrylate
 Concen: 21.456 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Tgt Ion:	69	Resp:	54242
Ion	Ratio	Lower	Upper
69	100		
41	64.4	51.8	77.6
39	26.3	21.7	32.5





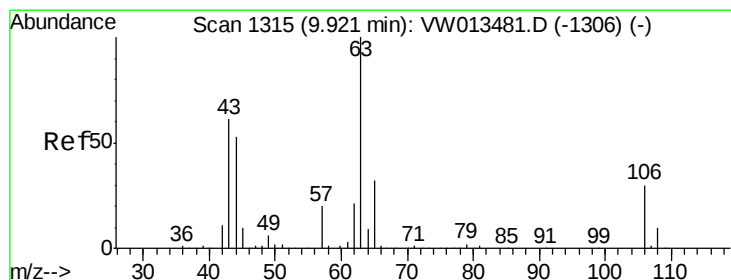
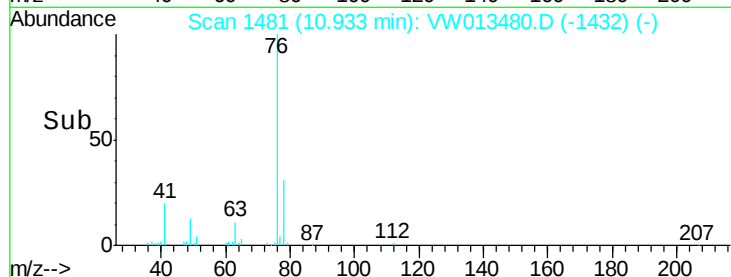
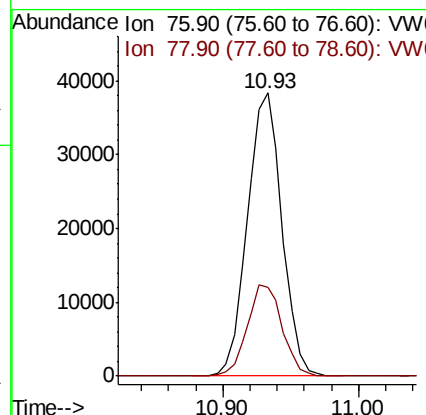
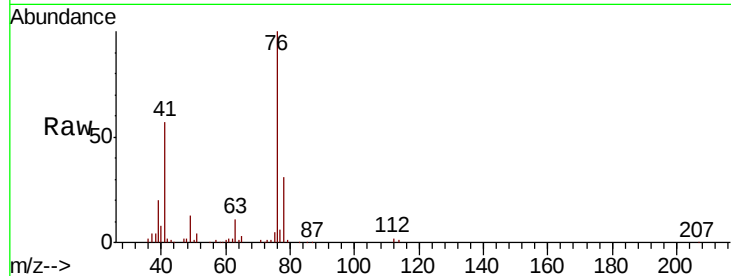
#57
 1,3-Dichloropropane
 Concen: 21.124 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion: 76 Resp: 68085
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9

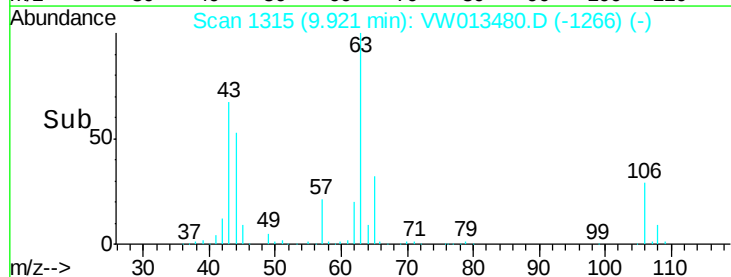
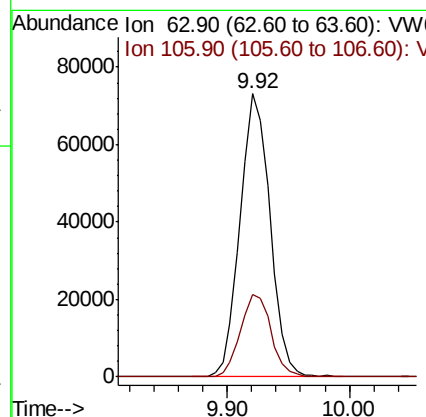
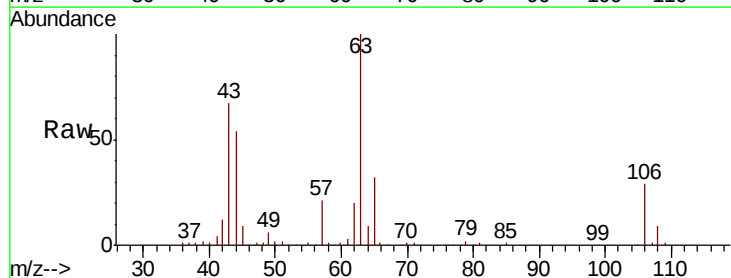
Manual Integrations
 APPROVED

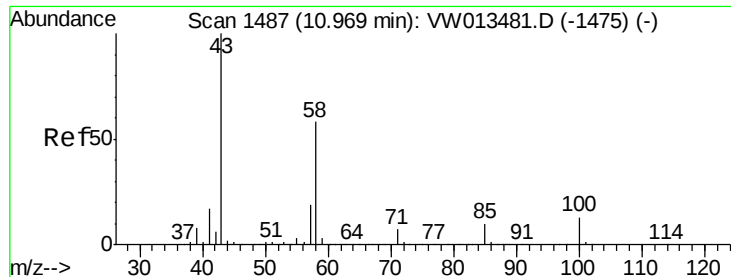
MMDadoda
 10/9/2019 4:08:43 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.227 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Tgt Ion: 63 Resp: 124312
 Ion Ratio Lower Upper
 63 100
 106 29.7 24.5 36.7





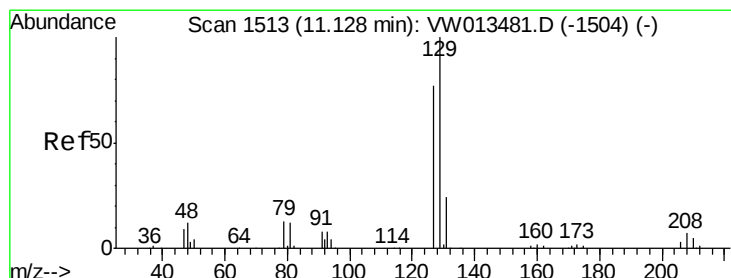
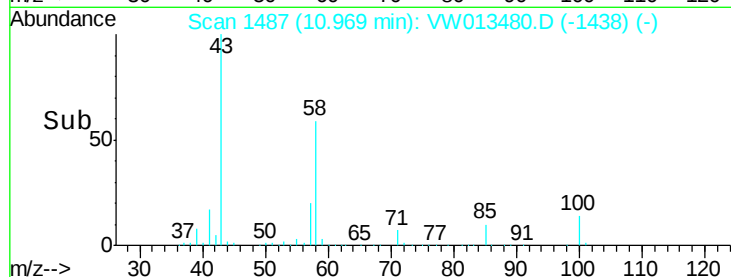
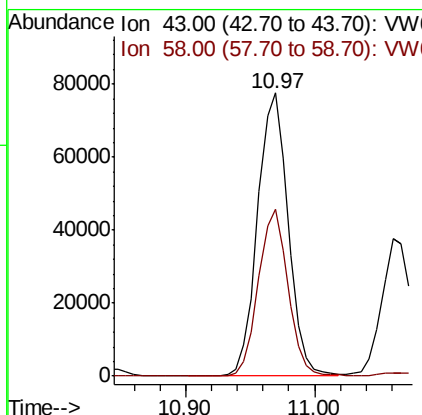
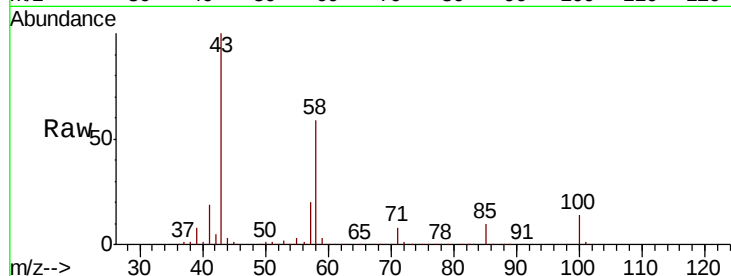
#59
2-Hexanone
Concen: 114.895 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 127207
Ion Ratio Lower Upper
43 100
58 57.3 28.4 85.2

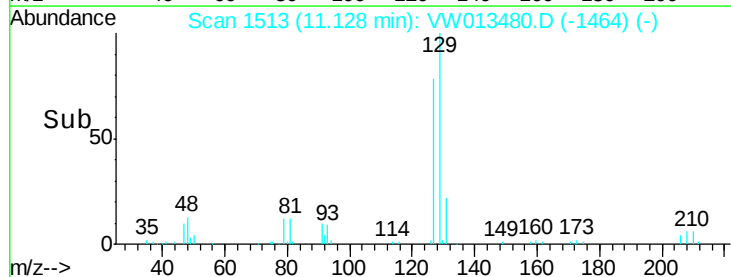
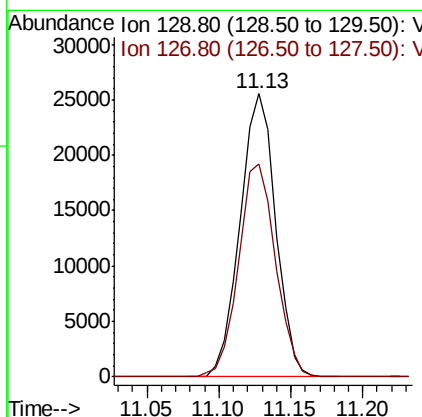
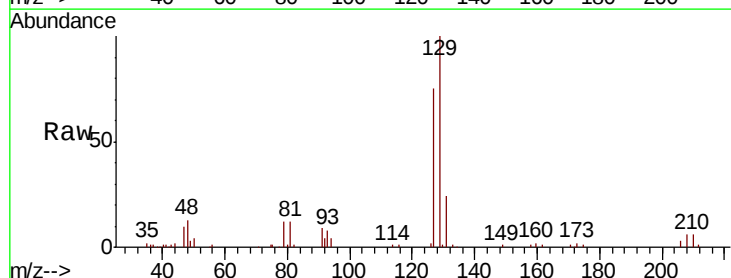
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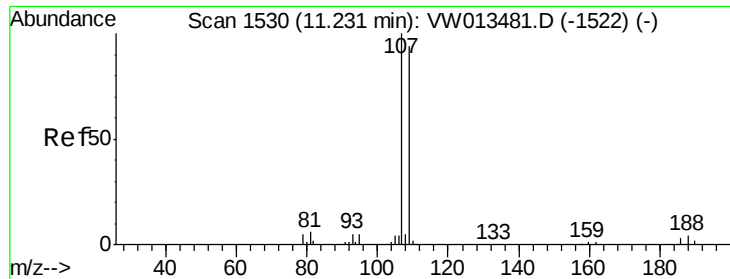
MMDadoda
10/9/2019 4:08:43 PM



#60
Dibromochloromethane
Concen: 20.281 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Tgt Ion: 129 Resp: 43778
Ion Ratio Lower Upper
129 100
127 78.0 37.4 112.1





#61

1,2-Dibromoethane

Concen: 21.875 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 107 Resp: 39055

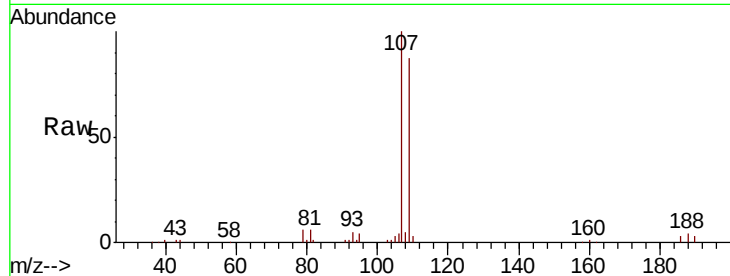
Ion Ratio Lower Upper

107 100

109 93.4 76.6 115.0

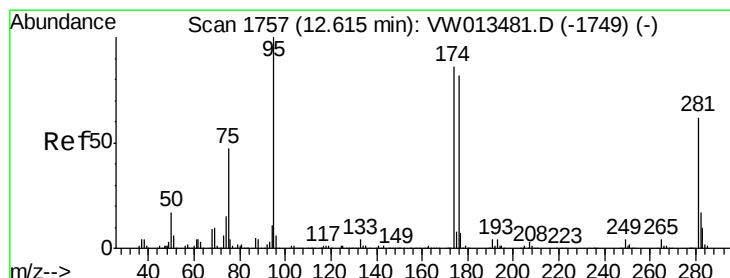
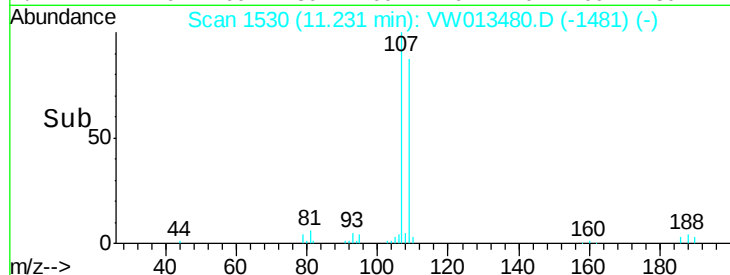
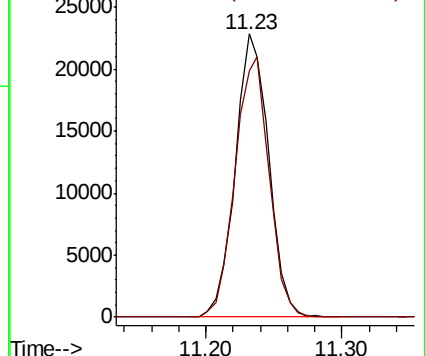
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.570 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

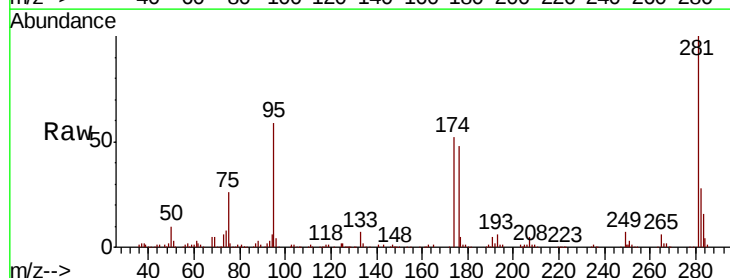
Tgt Ion: 95 Resp: 63906

Ion Ratio Lower Upper

95 100

174 91.7 0.0 177.4

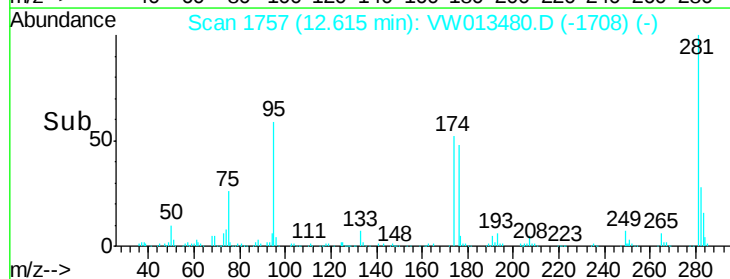
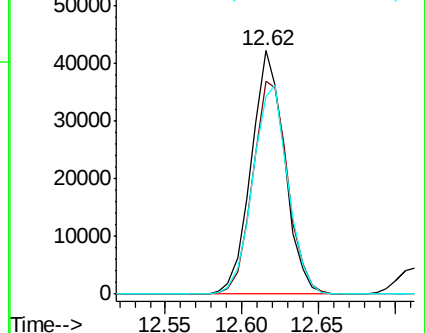
176 90.1 0.0 173.4

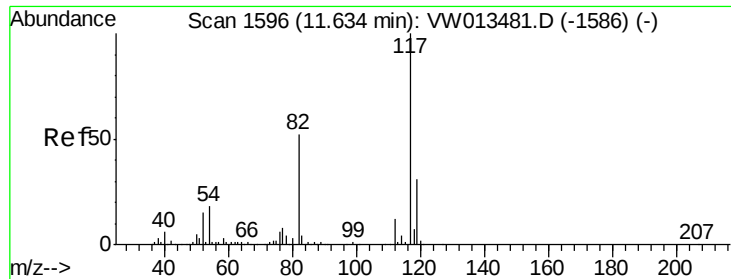


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





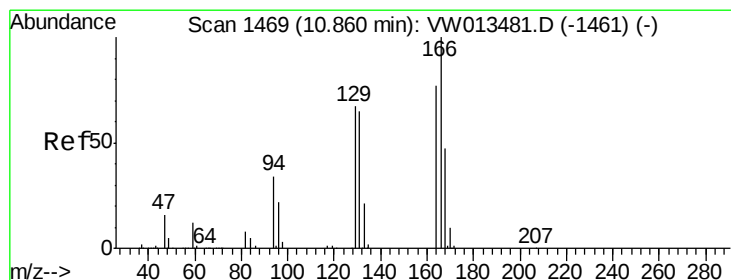
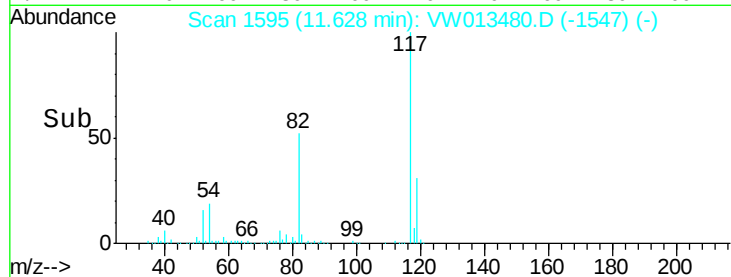
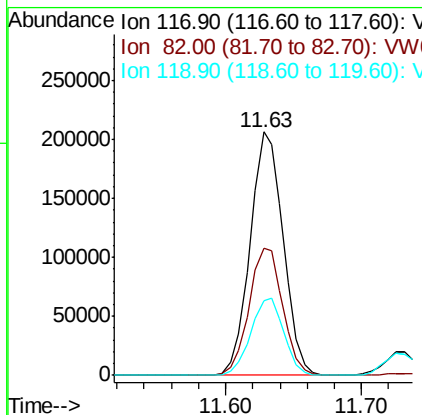
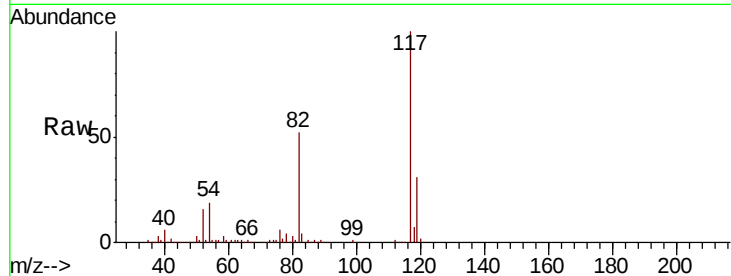
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	351329		
82	52.3		41.4	62.2
119	30.8		25.1	37.7

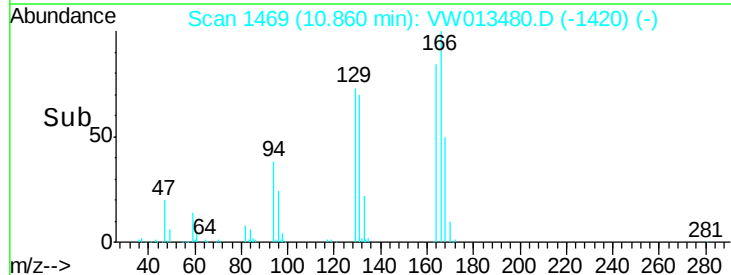
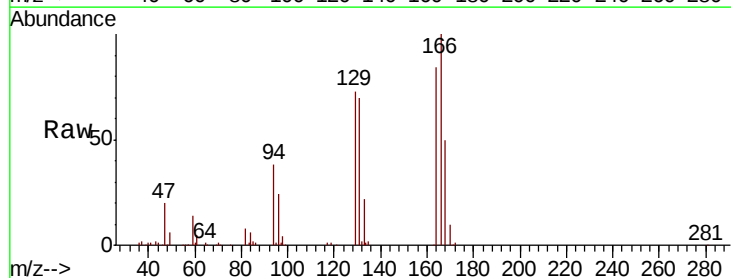
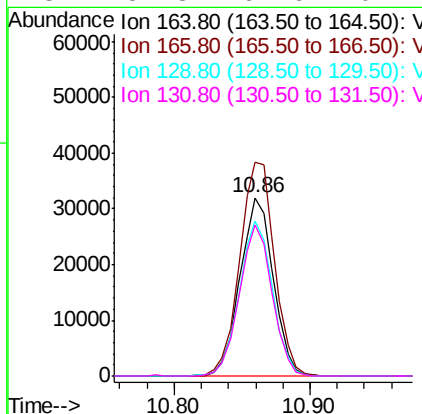
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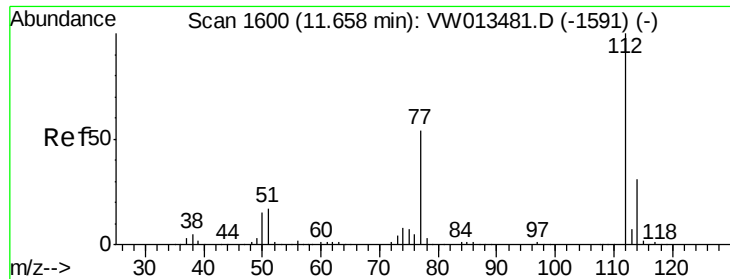
MMDadoda
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#64
Tetrachloroethene
Concen: 21.040 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	54403		
166	119.6		104.6	156.8
129	87.0		70.2	105.2
131	84.3		67.6	101.4





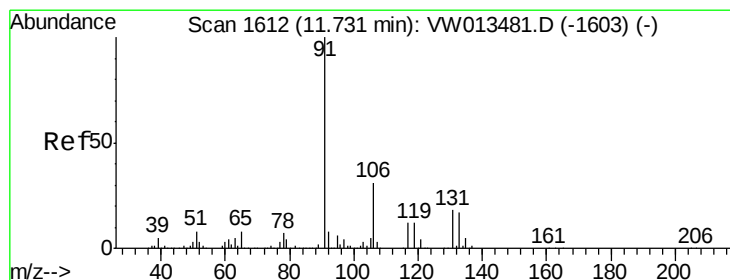
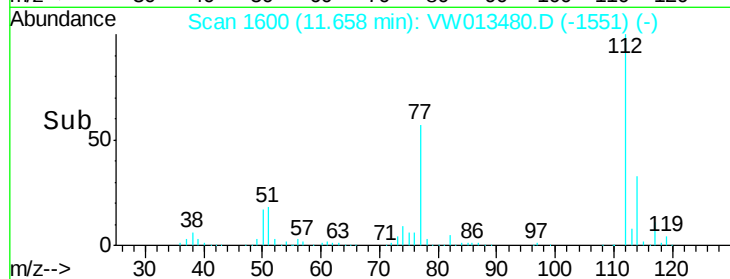
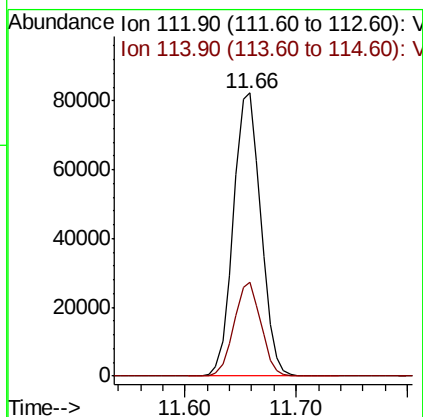
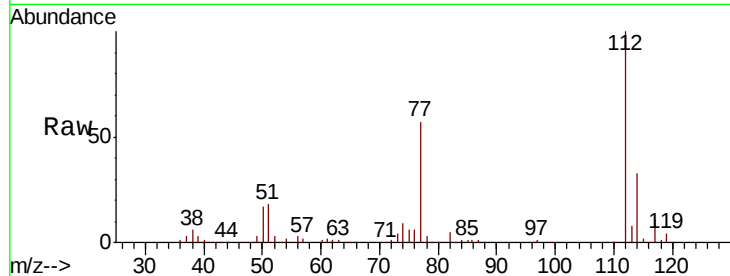
#65
Chlorobenzene
Concen: 20.191 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	24.6	37.0

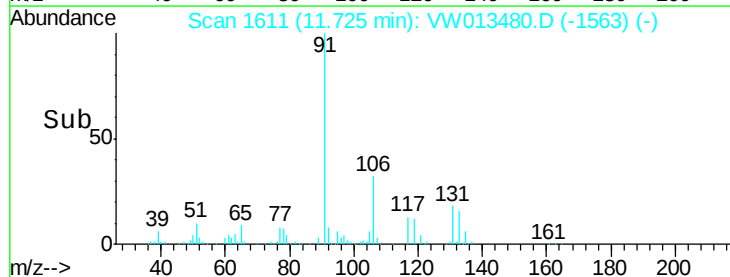
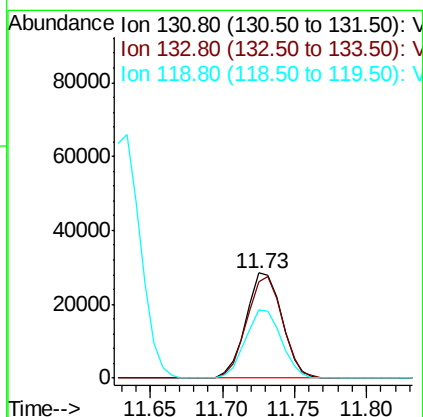
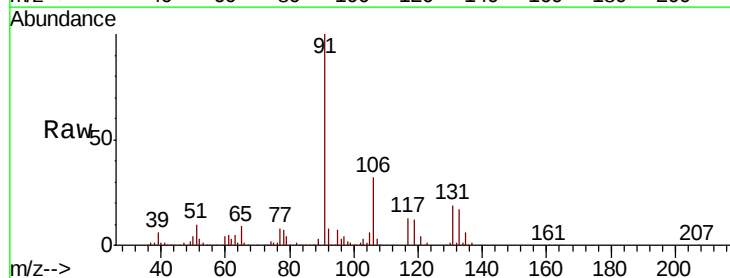
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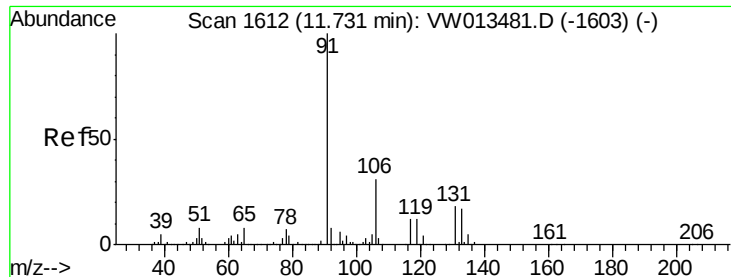
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.363 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.6	142.9
119	65.0	32.6	98.0





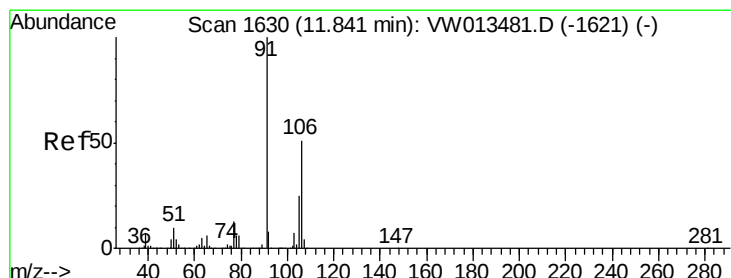
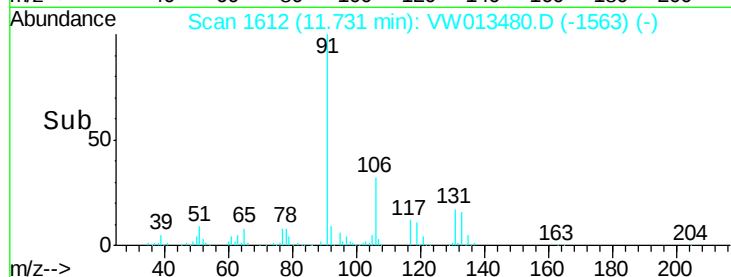
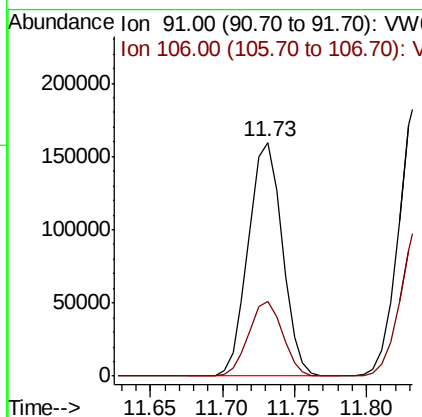
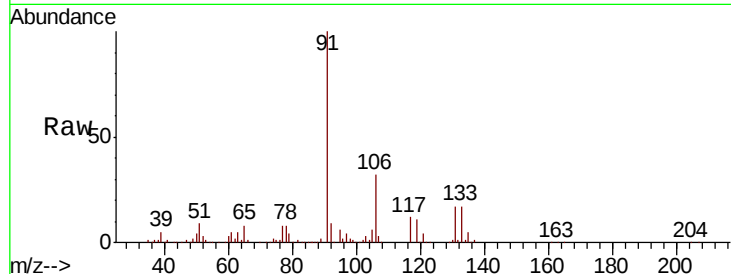
#67
Ethyl Benzene
Concen: 20.425 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.0	24.8	37.2

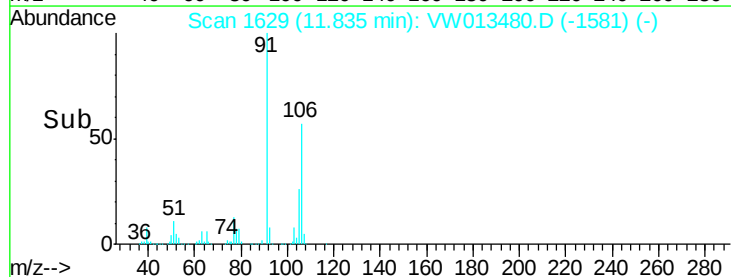
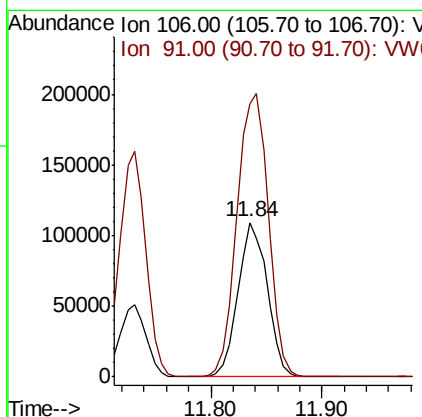
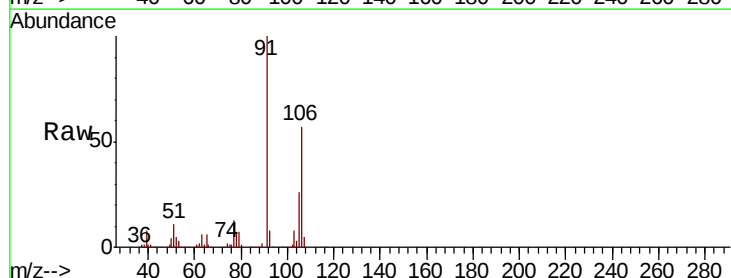
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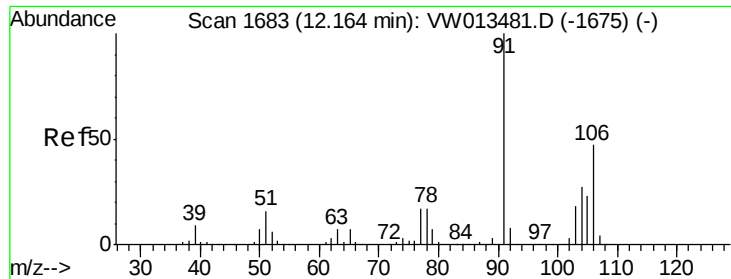
MMDadoda
10/9/2019 4:08:43 PM



#68
m/p-Xylenes
Concen: 41.093 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.9	156.2	234.4





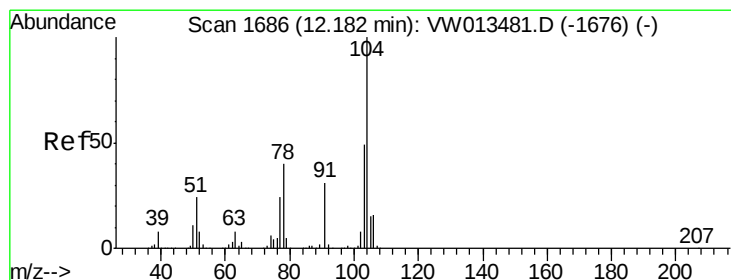
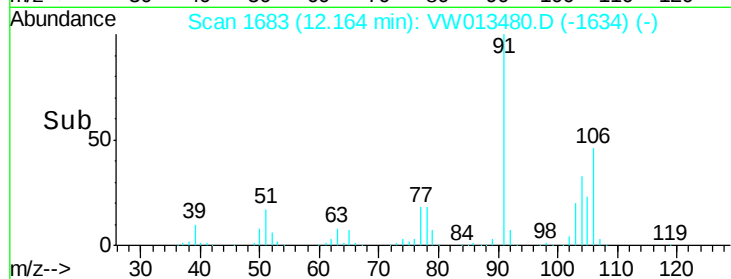
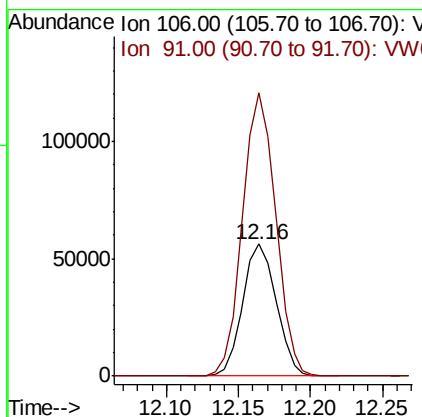
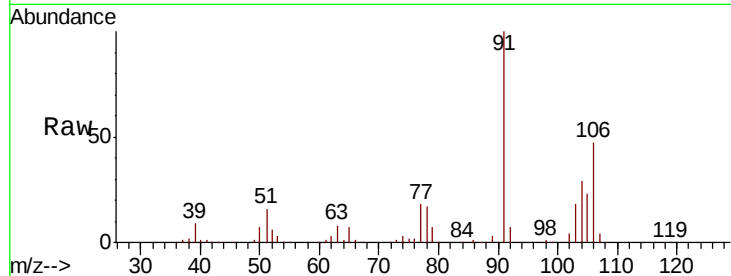
#69
o-Xylene
Concen: 20.405 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		91525		
91	211.4	105.0	315.0		

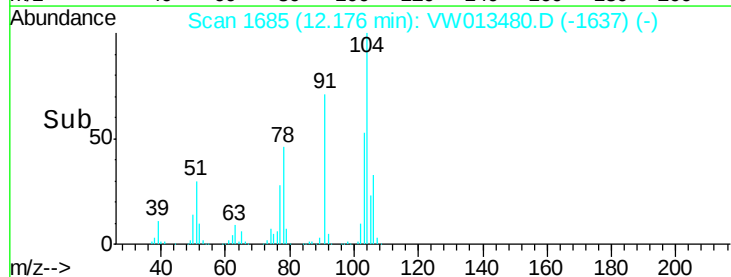
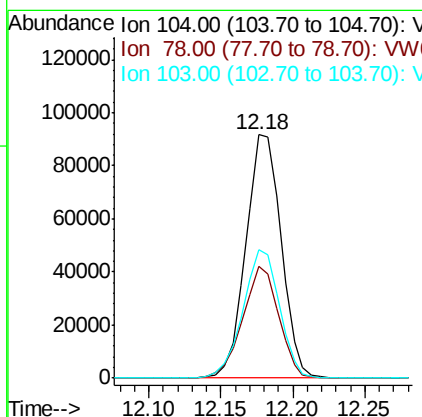
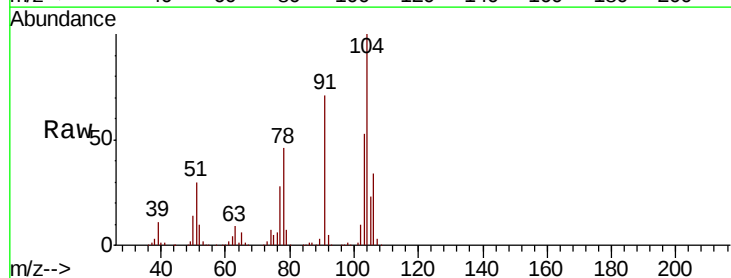
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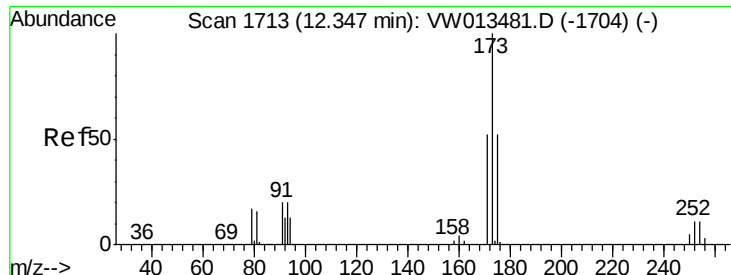
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#70
Styrene
Concen: 20.187 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		155468		
78	46.9	37.1	55.7		
103	54.7	43.2	64.8		





#71

Bromoform

Concen: 20.967 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion:173 Resp: 27896

Ion Ratio Lower Upper

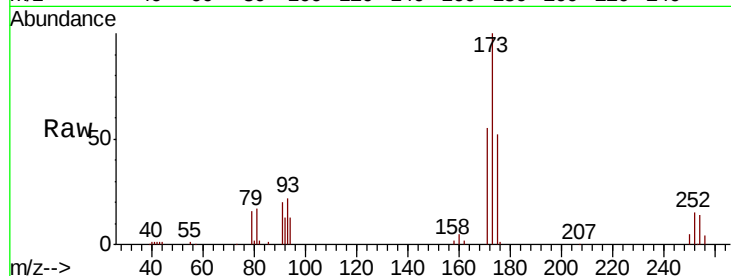
173 100

175 51.5 24.4 73.4

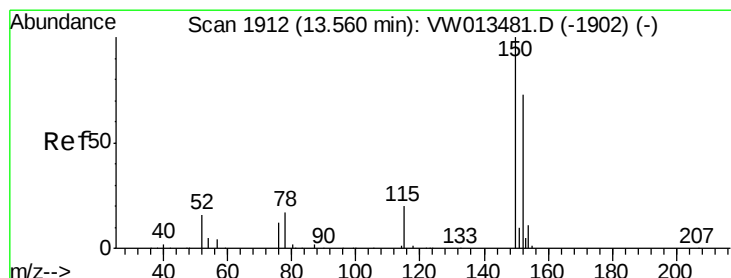
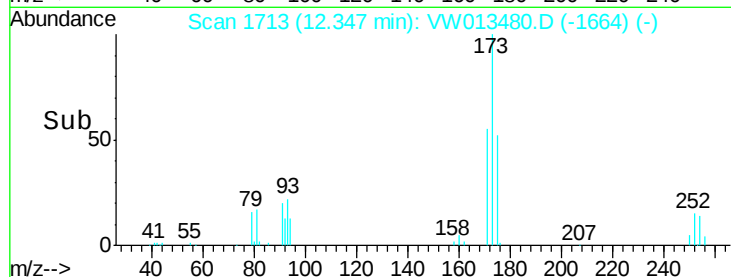
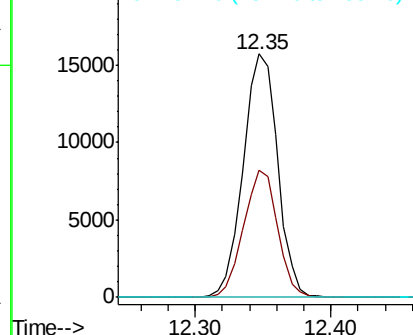
254 0.0 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

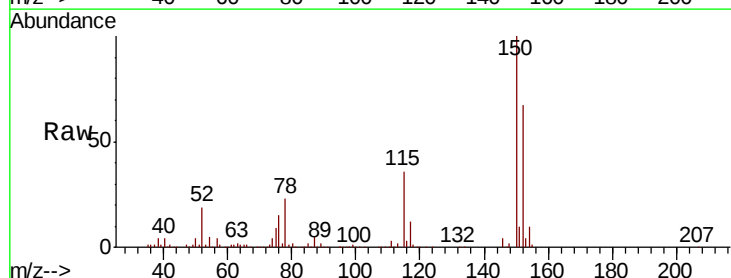
Tgt Ion:152 Resp: 176945

Ion Ratio Lower Upper

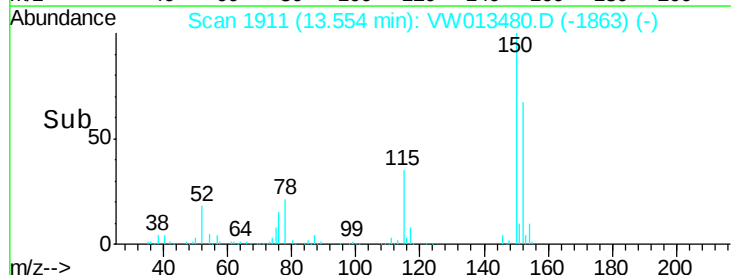
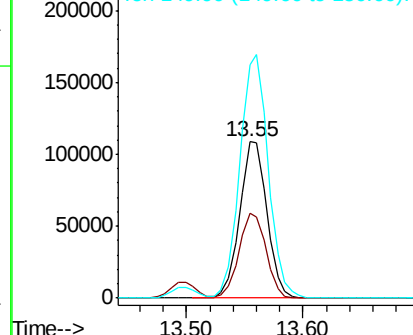
152 100

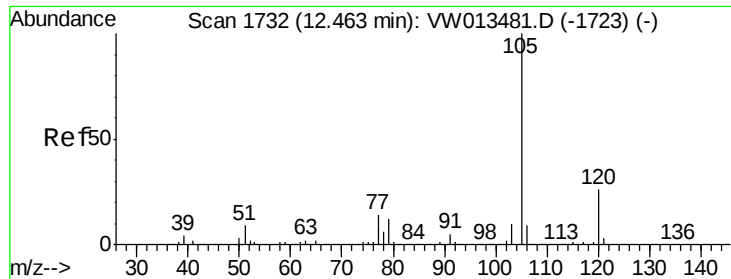
115 54.2 27.0 81.0

150 162.7 0.0 337.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.330 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 257671

Ion Ratio Lower Upper

105 100

120 27.1

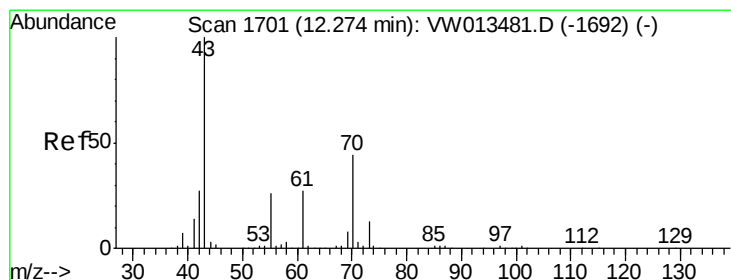
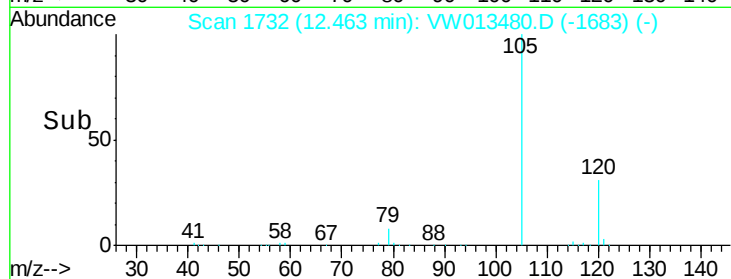
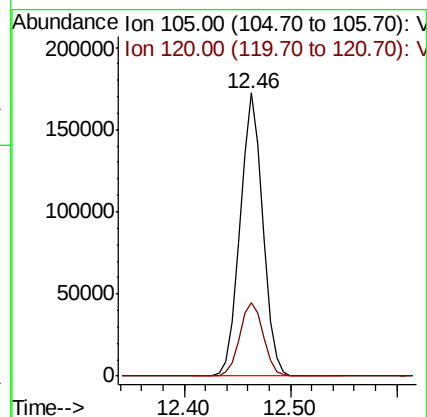
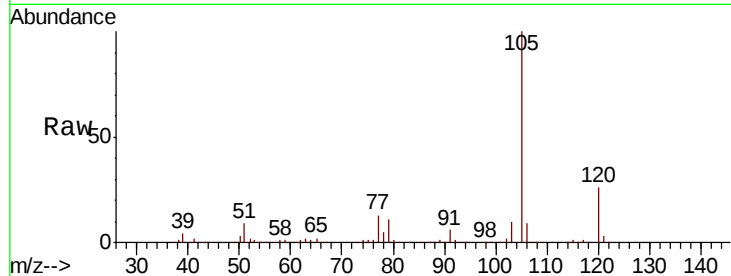
13.5 40.5

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#74

N-ethyl acetate

Concen: 21.582 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Tgt Ion: 43 Resp: 59825

Ion Ratio Lower Upper

43 100

70 44.5

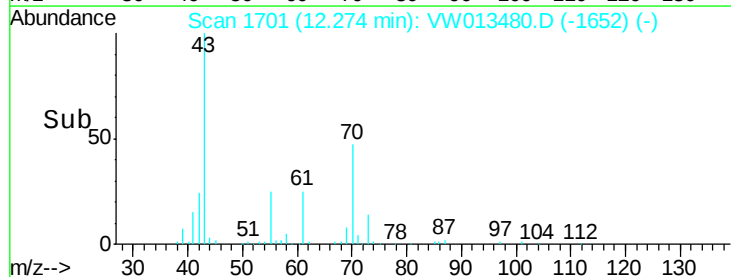
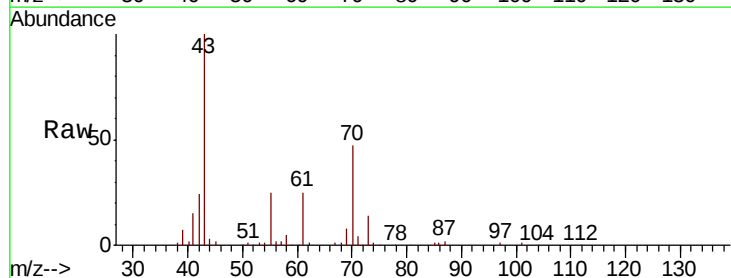
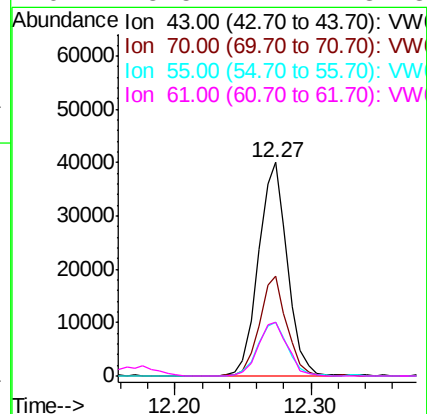
55 26.3

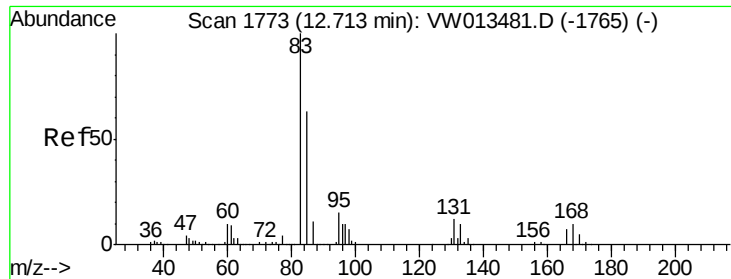
61 25.5

35.3 52.9

20.0 30.0

21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.946 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

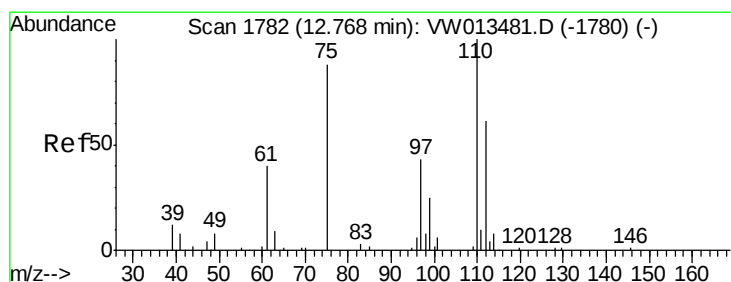
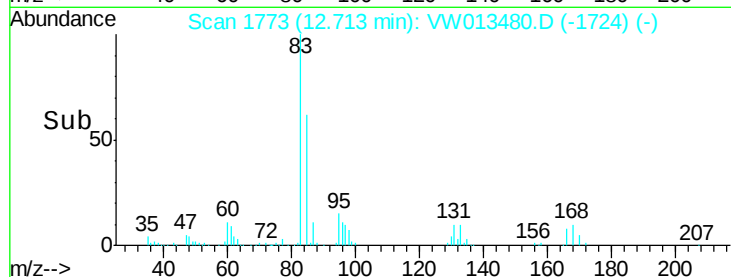
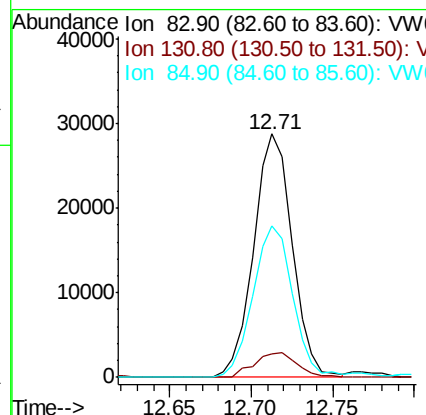
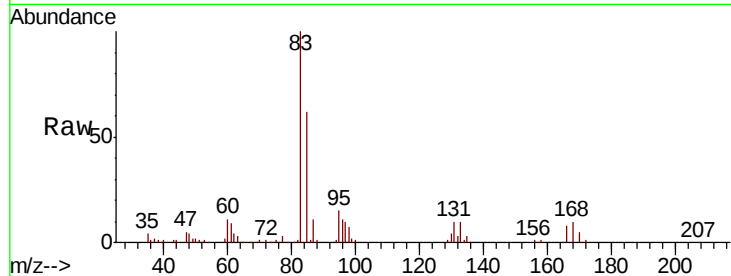
ClientSampled :

VSTDIC020

Tot Ion:	83	Resp:	47411
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.9	17.7
85	65.6	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 25.556 ug/l m

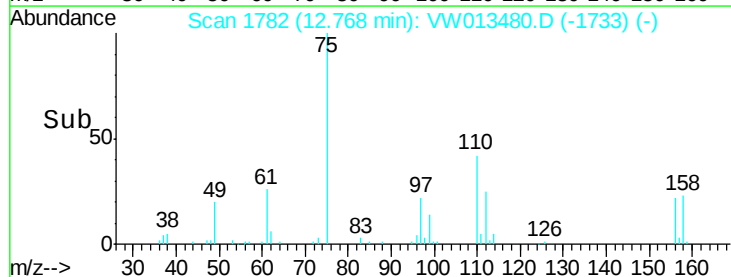
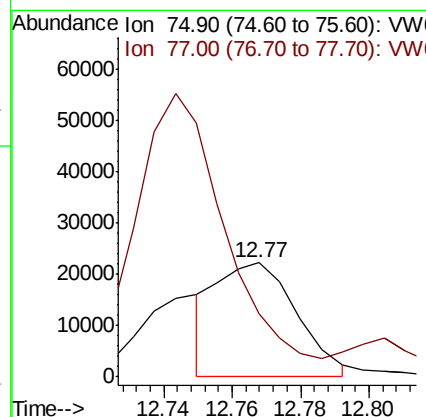
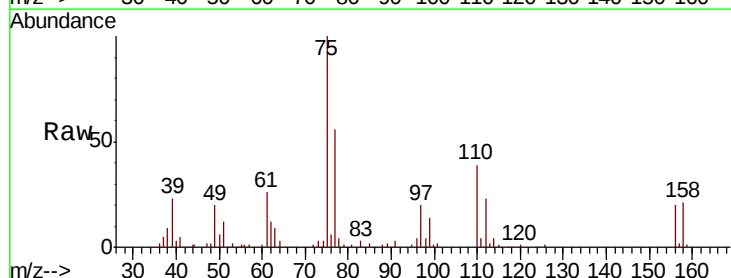
RT: 12.77 min Scan# 1782

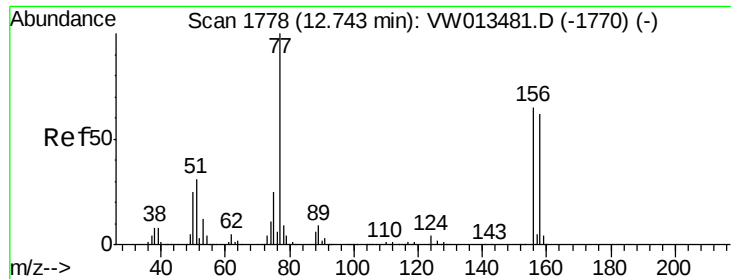
Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Tgt Ion:	75	Resp:	36319
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.102 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion:156 Resp: 60392

Ion Ratio Lower Upper

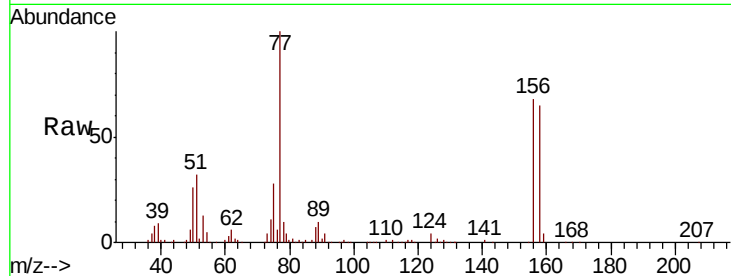
156 100

77 171.3 83.7 251.0

158 98.2 49.0 147.0

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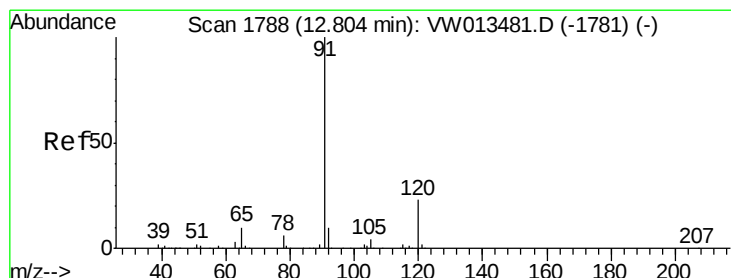
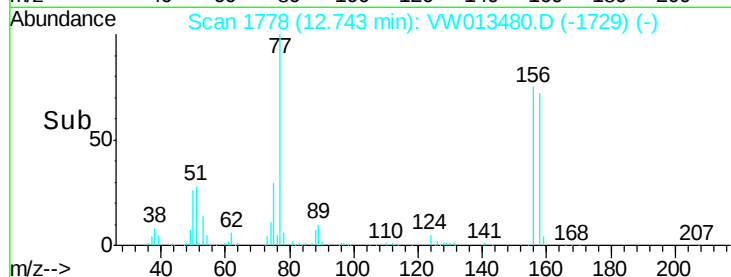
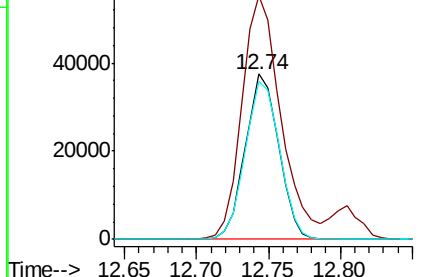
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.354 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013480.D

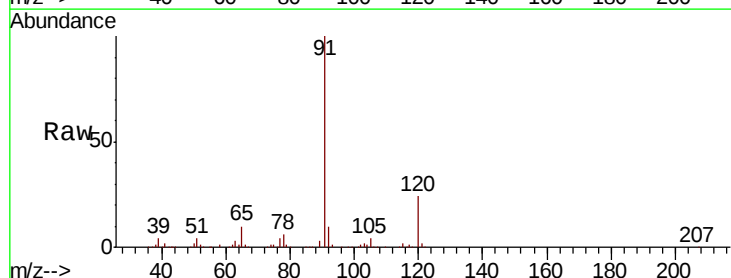
Acq: 08 Oct 2019 11:19

Tgt Ion: 91 Resp: 298314

Ion Ratio Lower Upper

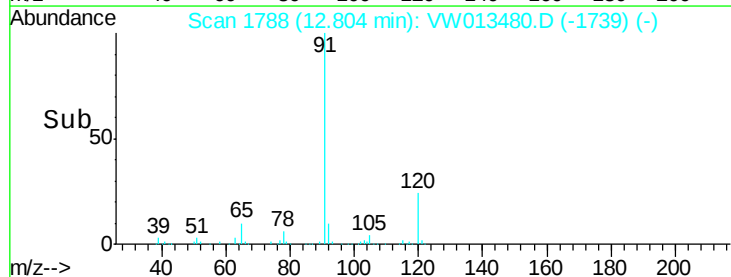
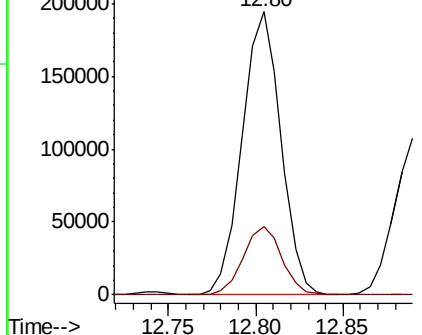
91 100

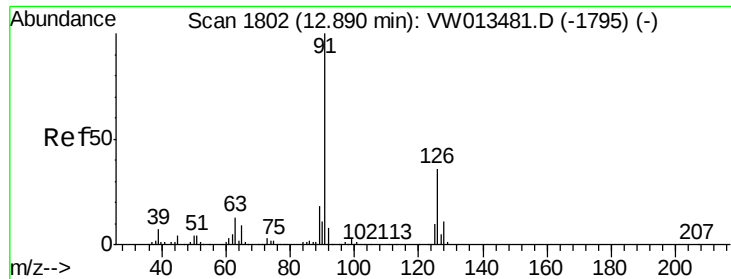
120 24.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.242 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 166218

Ion Ratio Lower Upper

91 100

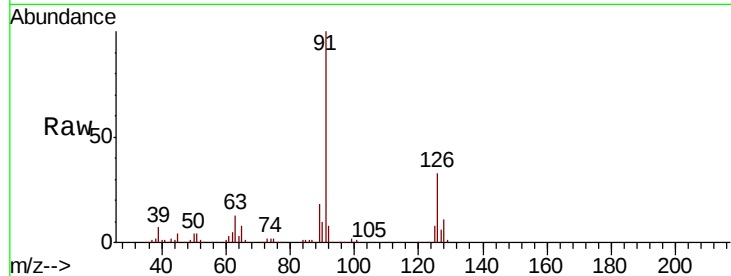
126 35.3 17.8 53.4

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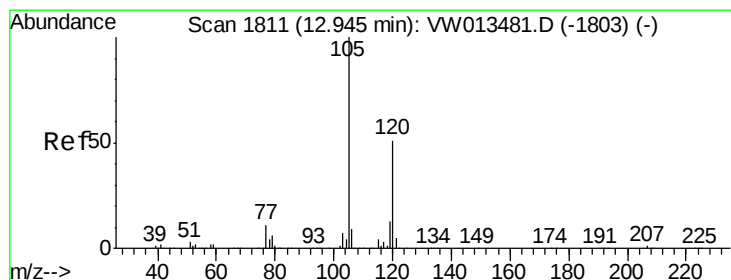
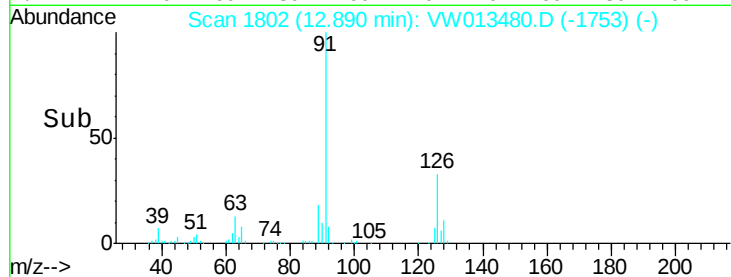
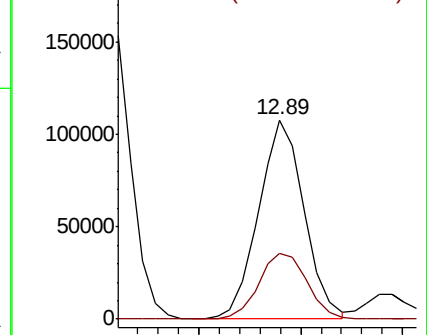
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.422 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013480.D

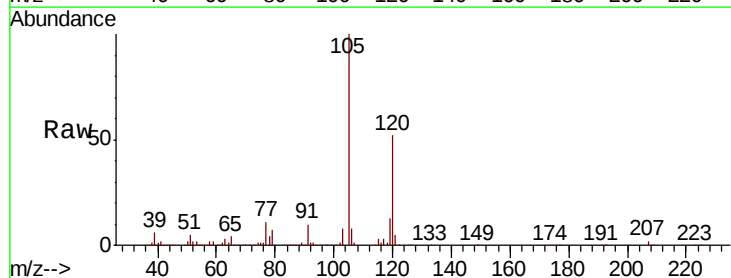
Acq: 08 Oct 2019 11:19

Tgt Ion: 105 Resp: 215064

Ion Ratio Lower Upper

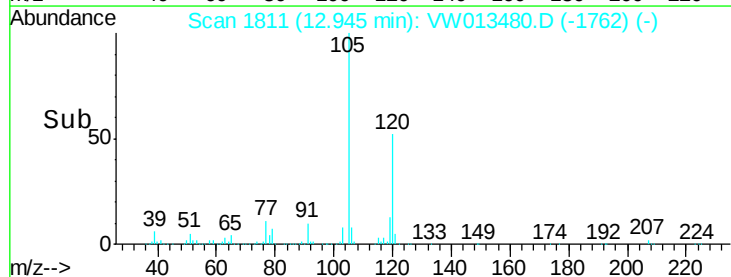
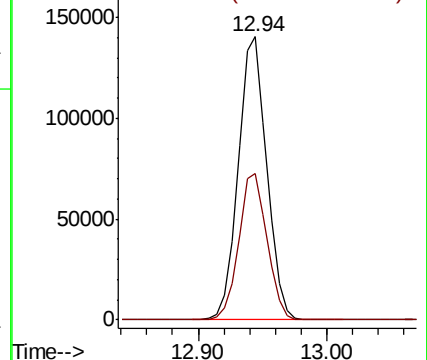
105 100

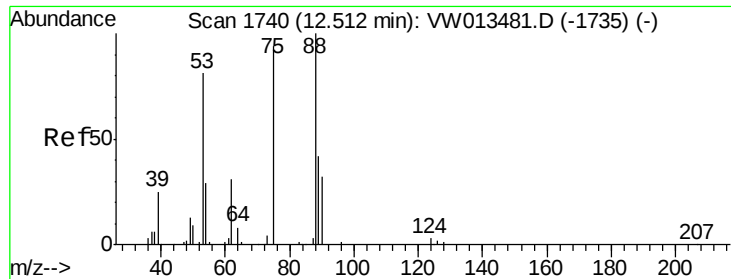
120 51.1 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





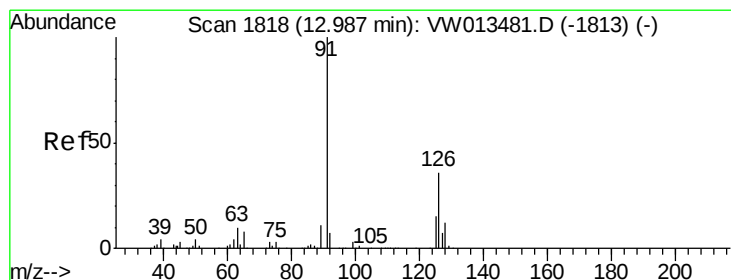
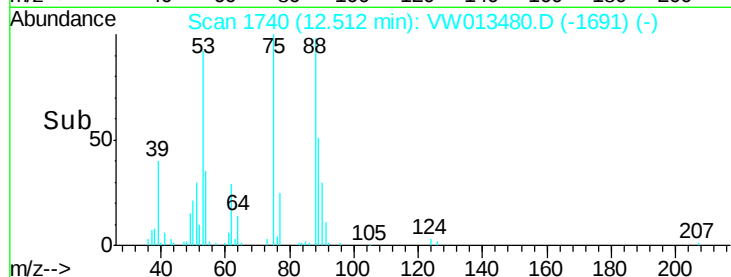
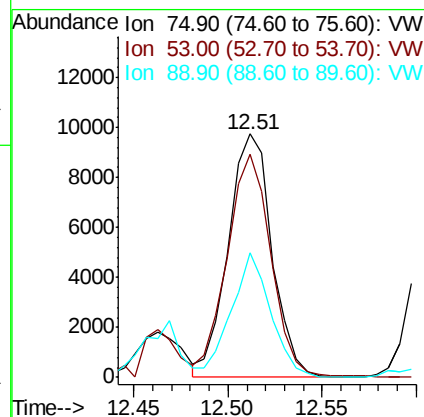
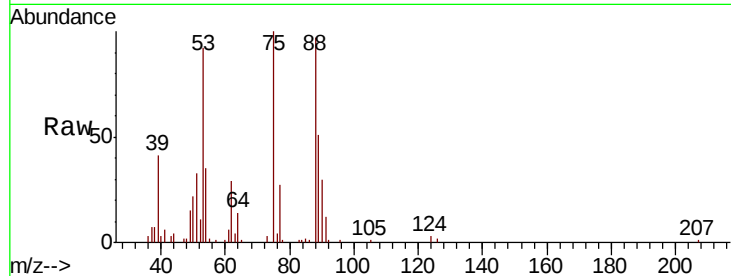
#81
trans-1,4-Dichloro-2-butene
Concen: 21.737 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.5	71.0	106.6
89	46.5	36.1	54.1

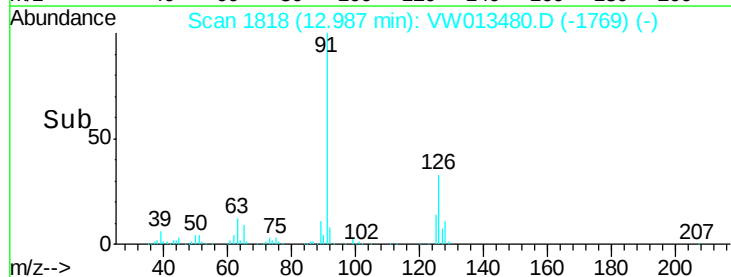
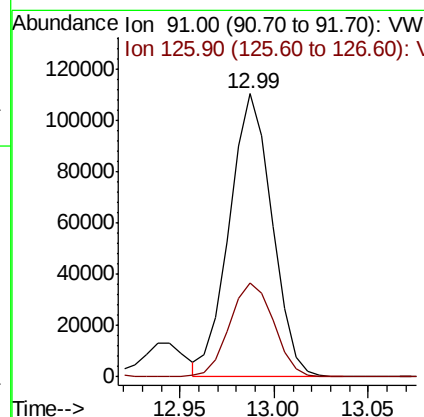
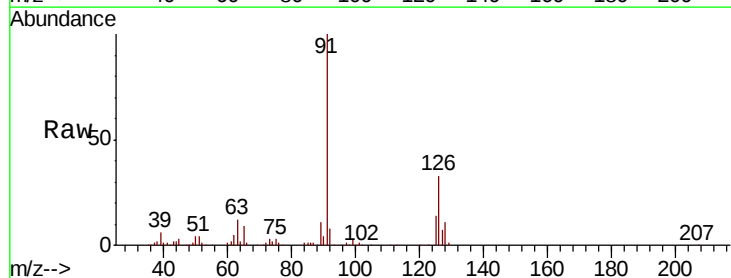
Manual Integrations
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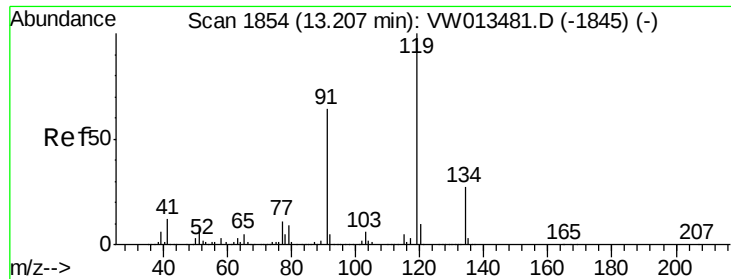
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#82
4-Chlorotoluene
Concen: 20.267 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.5	52.6





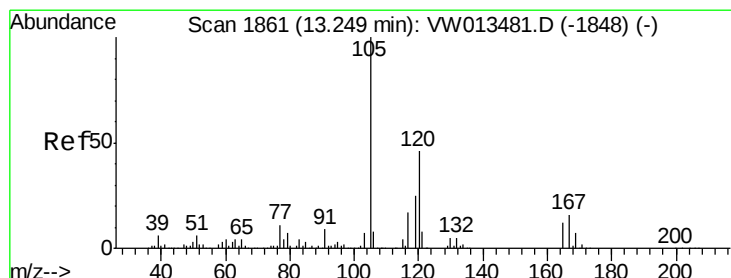
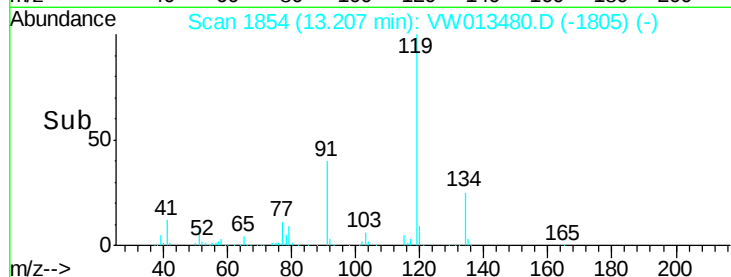
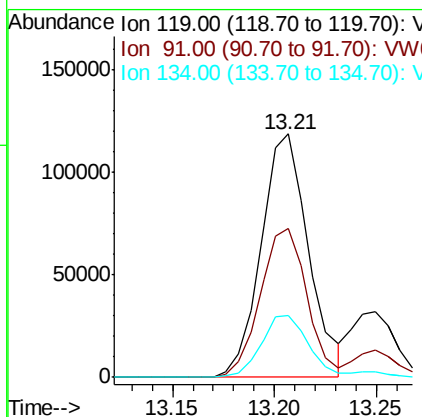
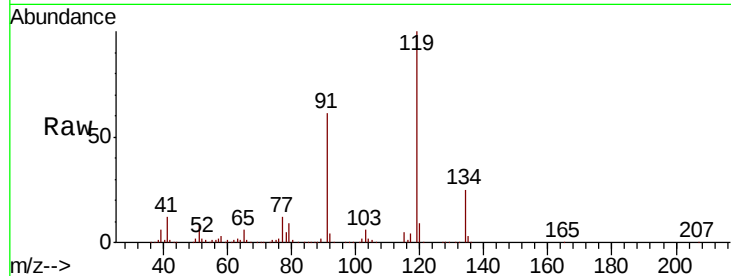
#83
tert-Butylbenzene
Concen: 20.610 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	192754		
91	60.1		30.6	91.6
134	25.6		13.8	41.3

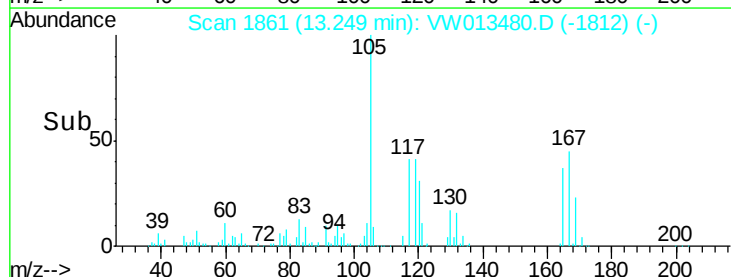
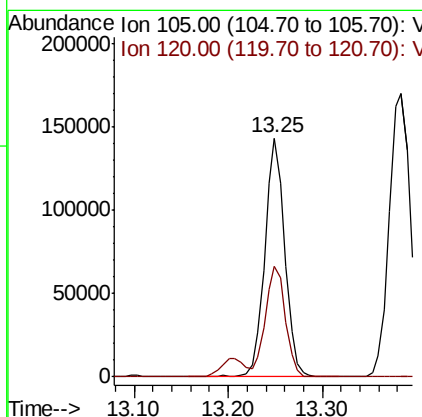
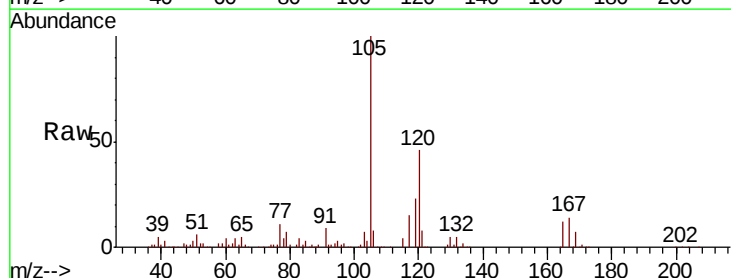
Manual Integrations
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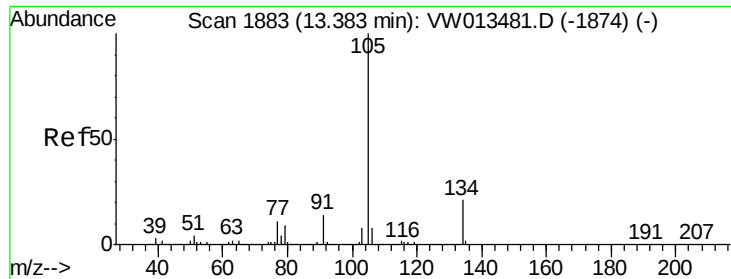
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#84
1,2,4-Trimethylbenzene
Concen: 20.555 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	214091		
120	46.3		23.2	69.5





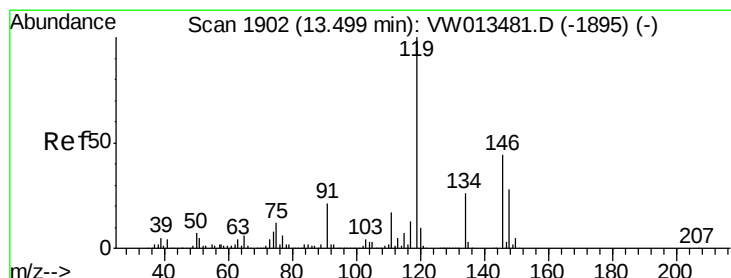
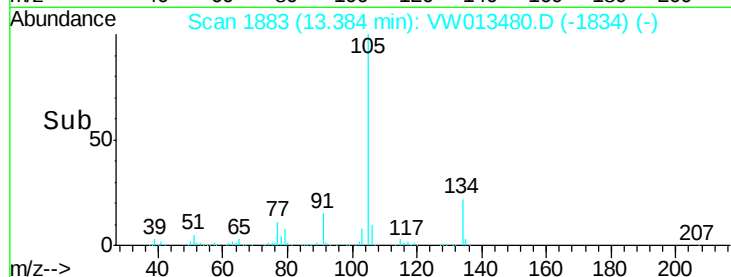
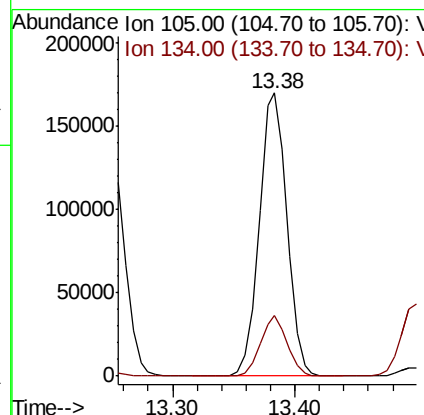
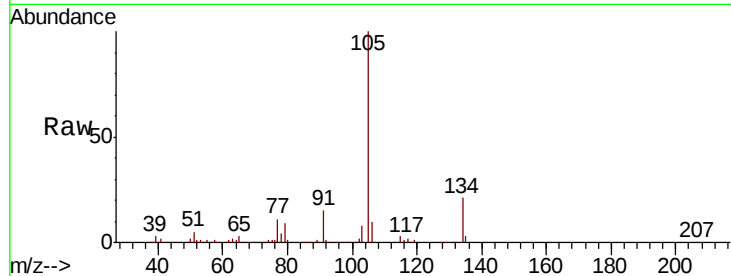
#85
 sec-Butylbenzene
 Concen: 20.728 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.4	31.4

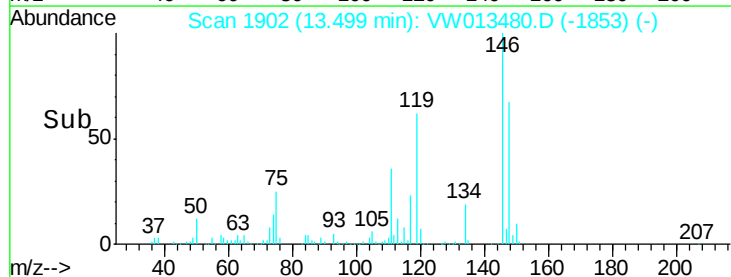
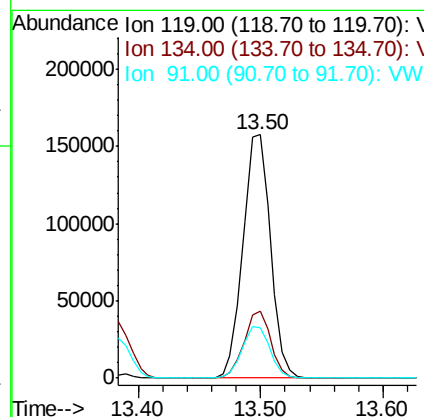
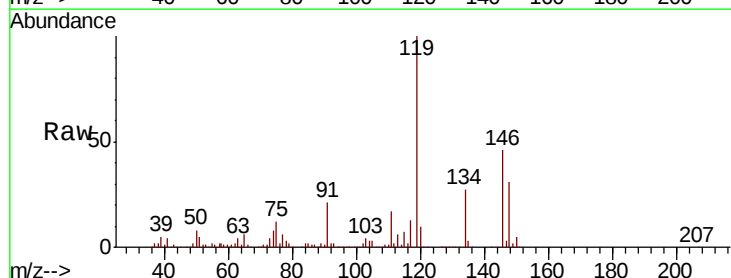
Manual Integrations
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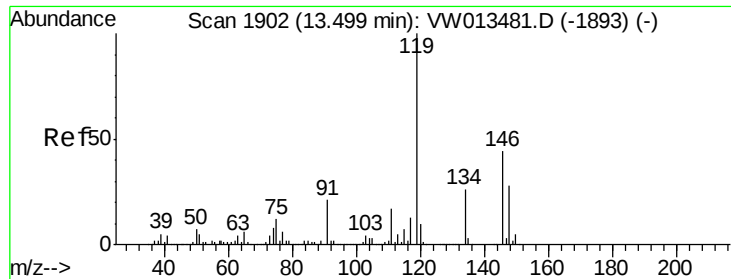
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#86
 p-Isopropyltoluene
 Concen: 20.609 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.1	39.1
91	21.5	10.8	32.3





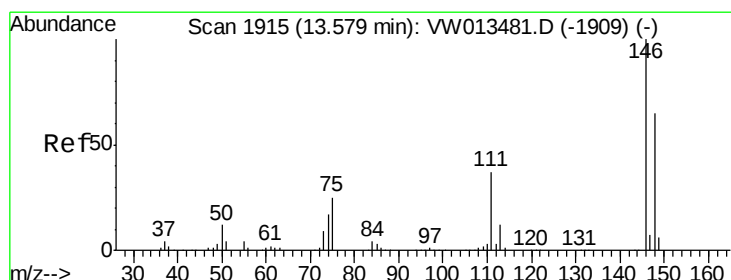
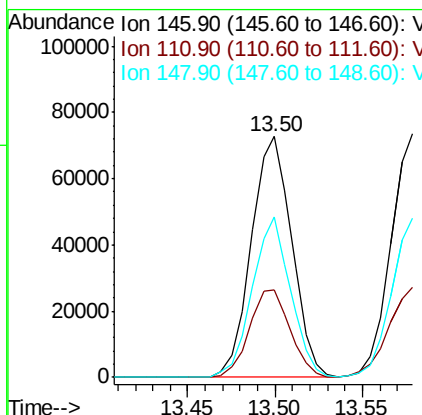
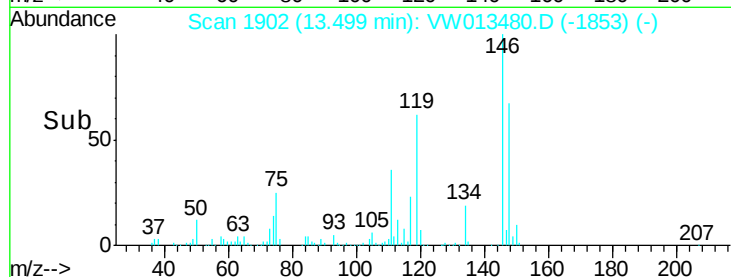
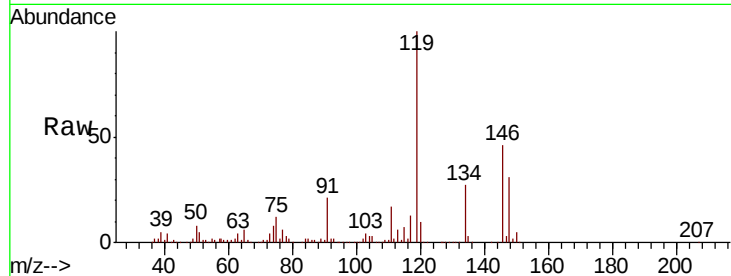
#87
 1,3-Dichlorobenzene
 Concen: 20.567 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	117164		
111	36.5	18.7	56.1	
148	63.0	32.3	96.8	

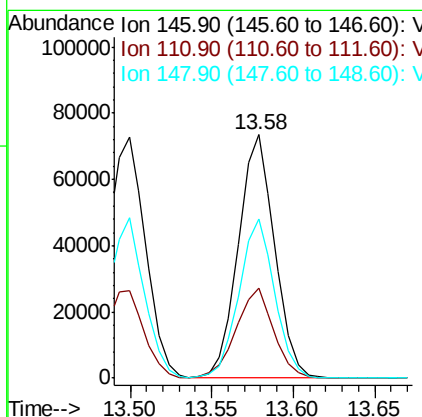
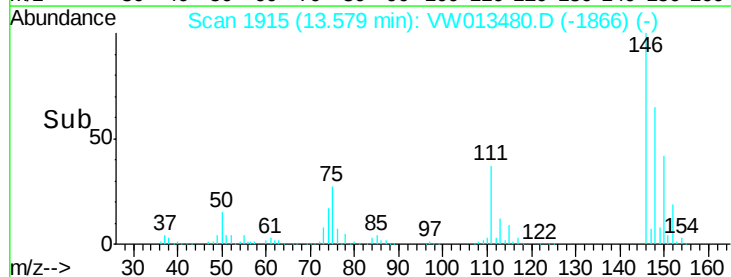
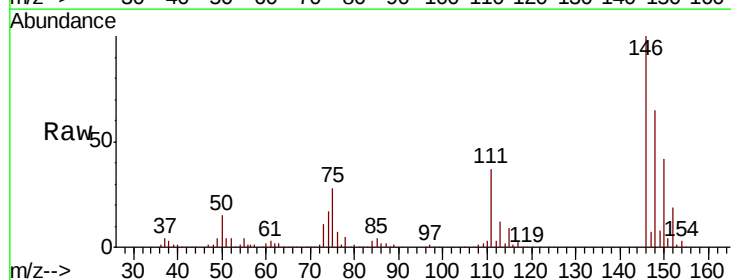
Manual Integrations
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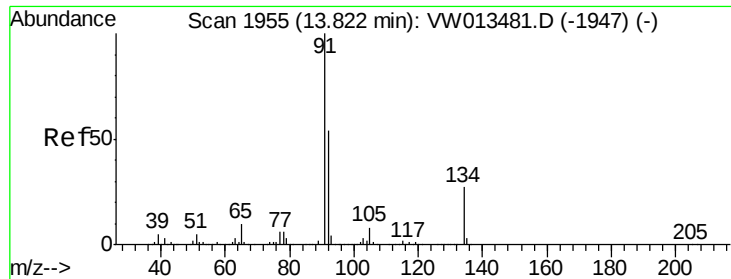
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#88
 1,4-Dichlorobenzene
 Concen: 20.397 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	113826		
111	38.2	18.4	55.4	
148	64.6	32.0	96.2	





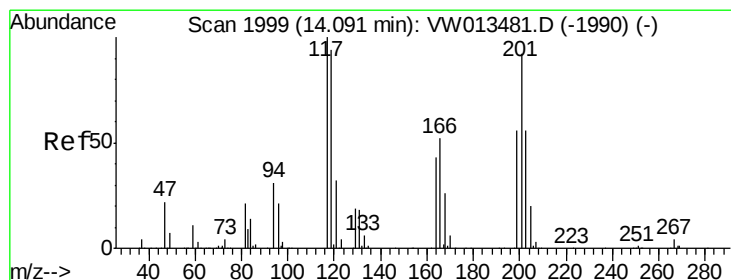
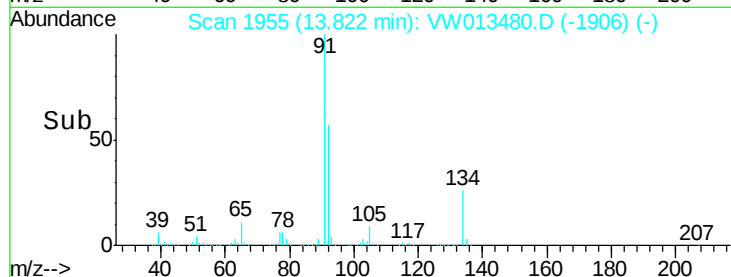
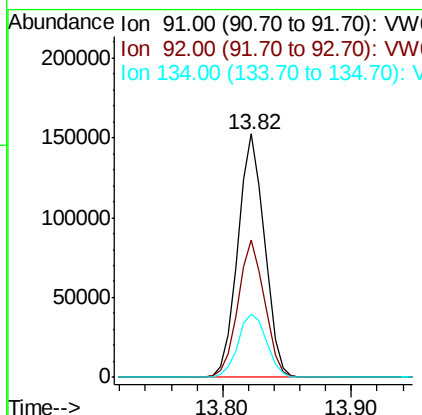
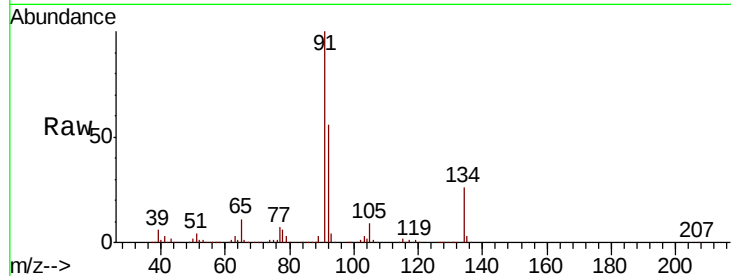
#89
n-Butylbenzene
Concen: 20.427 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	219095		
92	56.1		27.5	82.4
134	28.0		13.8	41.3

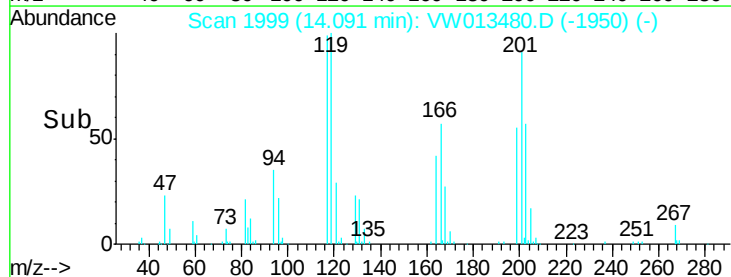
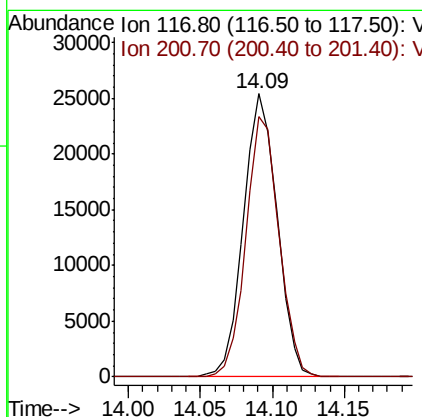
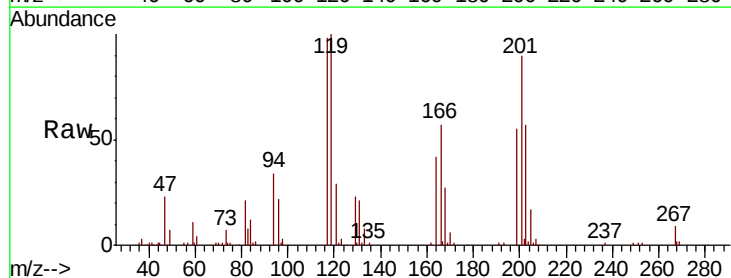
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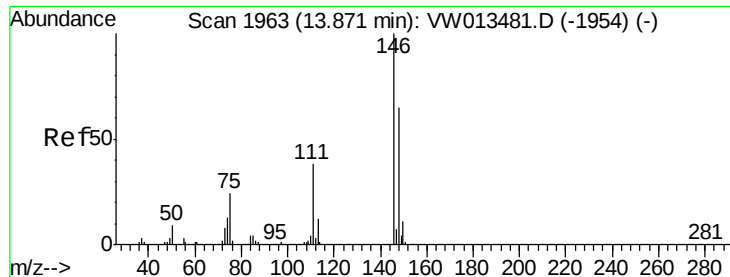
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#90
Hexachloroethane
Concen: 20.243 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW013480.D
Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	41125		
201	89.8		46.9	140.7





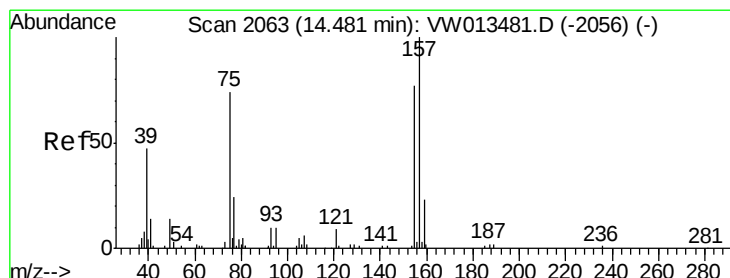
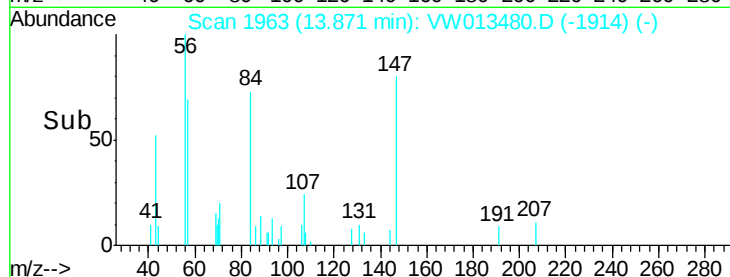
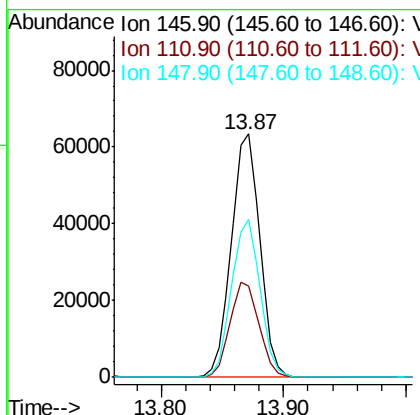
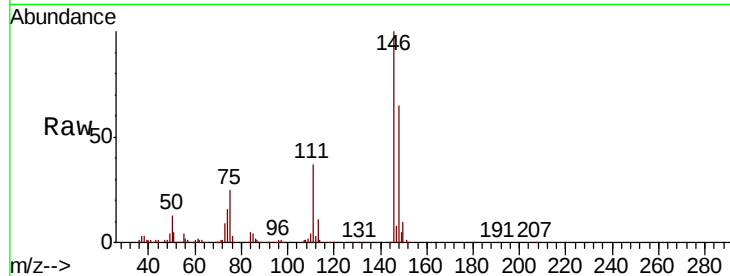
#91
 1,2-Dichlorobenzene
 Concen: 20.308 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.4	58.2
148	64.8	31.8	95.3

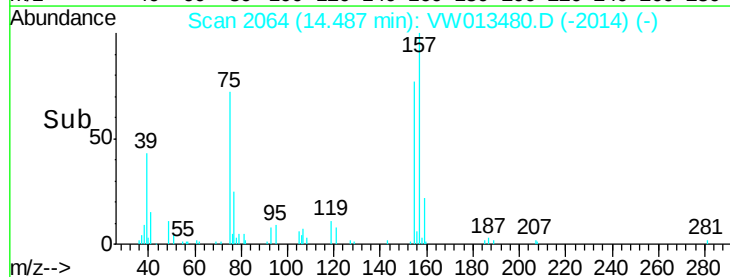
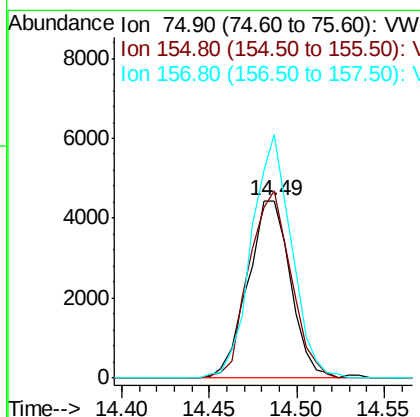
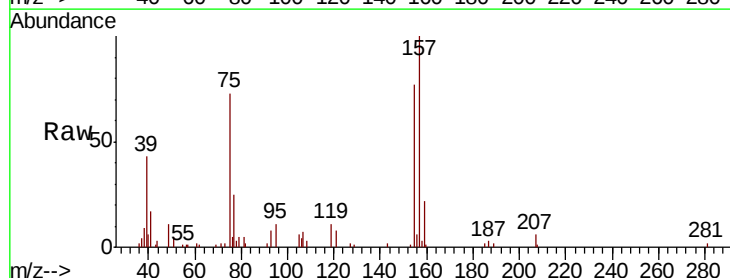
Manual Integrations
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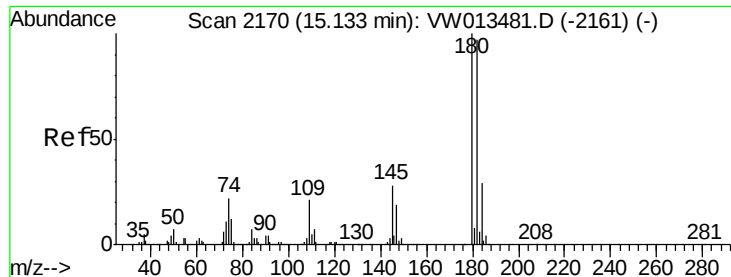
MMDadoda
 10/9/2019 4:08:43 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.939 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.2	51.0	153.1
157	128.1	65.9	197.7





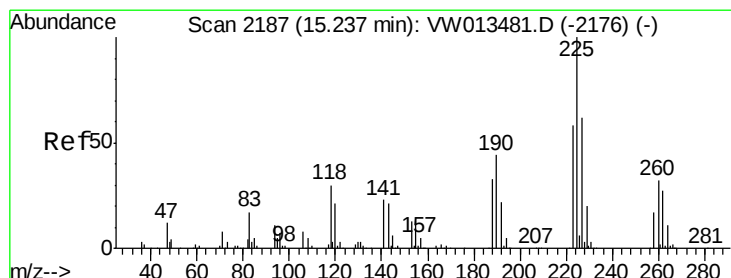
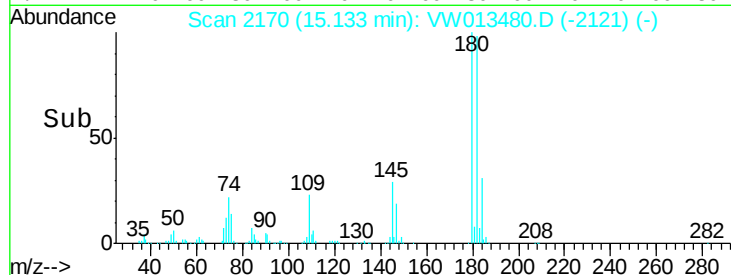
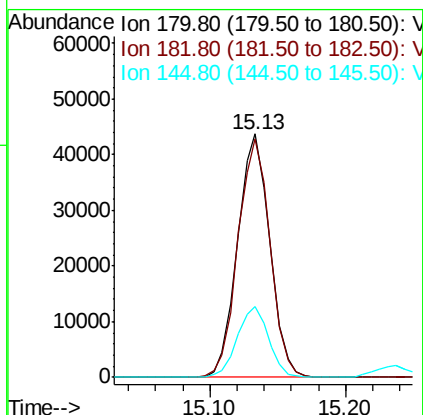
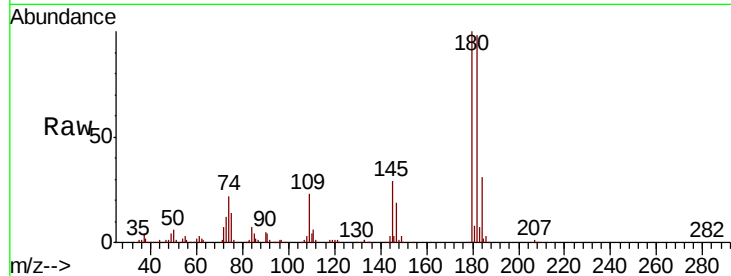
#93
 1,2,4-Trichlorobenzene
 Concen: 20.254 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	71995		
182	98.3	47.7	143.1	
145	28.5	14.0	41.9	

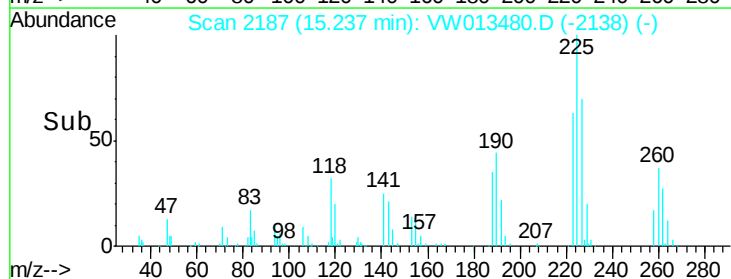
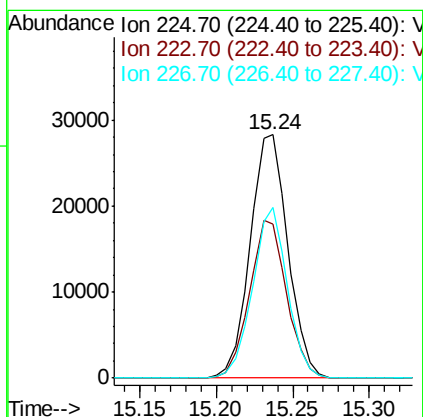
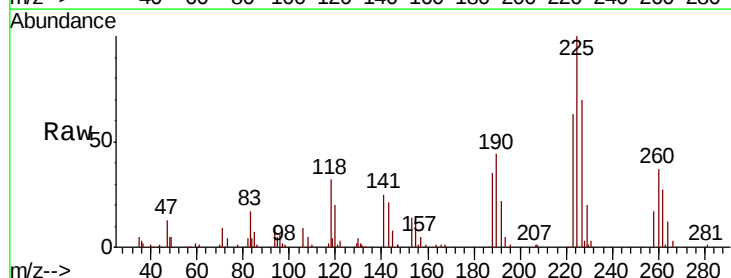
Manual Integrations
 APPROVED

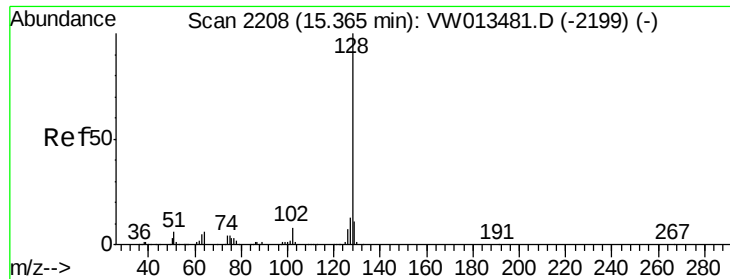
MMDadoda
 10/9/2019 4:08:43 PM



#94
 Hexachlorobutadiene
 Concen: 20.511 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW013480.D
 Acq: 08 Oct 2019 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	48451		
223	63.7	30.3	90.9	
227	64.9	32.0	96.0	





#95

Naphthalene

Concen: 21.919 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Instrument :

MSVOA_W

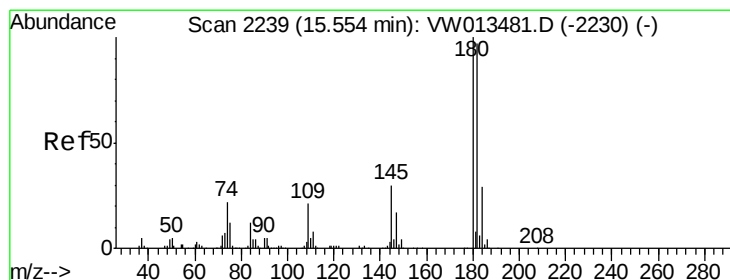
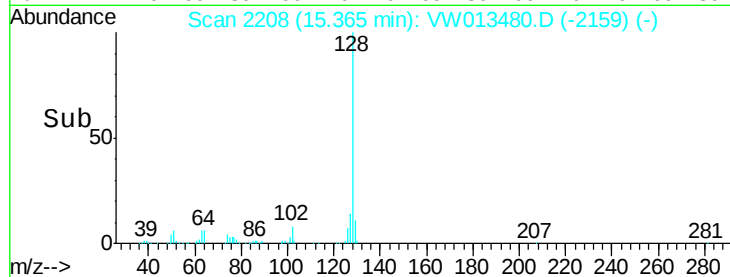
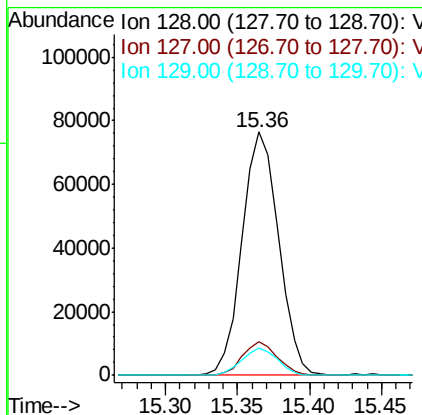
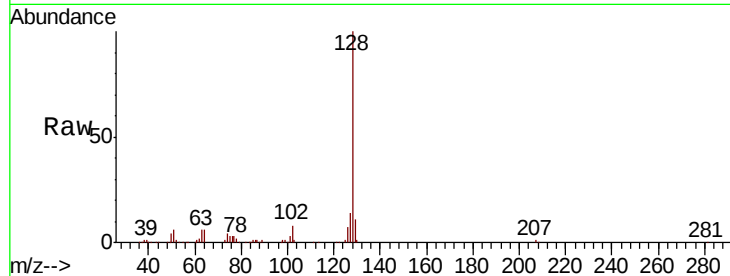
ClientSampleId :

VSTDIC020

Tot Ion:	128	Resp:	134776
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	10.9	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.934 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW013480.D

Acq: 08 Oct 2019 11:19

Tgt Ion:	180	Resp:	65068
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.7	143.1
145	29.9	14.9	44.9

