

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016182.D
 Acq On : 14 Aug 2020 09:50
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 8/17/2020 5:46:23 PM

Quant Time: Aug 17 08:02:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 14 11:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	261900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	447906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	187417	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	13895	5.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.22%	
35) Dibromofluoromethane	7.90	113	14656	5.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.92%	
50) Toluene-d8	10.33	98	53367	5.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.32%	
62) 4-Bromofluorobenzene	12.62	95	19469	5.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	9625	6.817	ug/l	92
3) Chloromethane	2.21	50	10999	5.883	ug/l	92
4) Vinyl Chloride	2.37	62	14547	5.128	ug/l	94
5) Bromomethane	2.78	94	9225	4.337	ug/l	93
6) Chloroethane	2.93	64	8187	4.373	ug/l	92
7) Trichlorofluoromethane	3.26	101	11207	5.449	ug/l	95
8) Diethyl Ether	3.69	74	6897	5.294	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15048	6.099	ug/l	95
10) Methyl Iodide	4.27	142	21112	6.090	ug/l	96
11) Tert butyl alcohol	5.21	59	3980m	26.837	ug/l	
12) 1,1-Dichloroethene	4.04	96	15195	6.217	ug/l	93
13) Acrolein	3.90	56	5279	28.127	ug/l	96
14) Allyl chloride	4.68	41	18907	4.922	ug/l	98
15) Acrylonitrile	5.38	53	12411	24.502	ug/l	99
16) Acetone	4.14	43	12803	25.468	ug/l	97
17) Carbon Disulfide	4.38	76	43817	6.048	ug/l	99
18) Methyl Acetate	4.68	43	6624	5.780	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	16713	4.691	ug/l	100
20) Methylene Chloride	4.92	84	26852	9.008	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	16487	5.870	ug/l	95
22) Diisopropyl ether	6.32	45	34374	4.472	ug/l #	93
23) Vinyl Acetate	6.27	43	91222	19.964	ug/l	98
24) 1,1-Dichloroethane	6.22	63	27422	5.565	ug/l	98
25) 2-Butanone	7.18	43	16759	24.670	ug/l	92
26) 2,2-Dichloropropane	7.18	77	19403	6.265	ug/l	93
27) cis-1,2-Dichloroethene	7.17	96	16613	5.568	ug/l	97
28) Bromochloromethane	7.51	49	9639	4.858	ug/l	99
29) Tetrahydrofuran	7.54	42	9220	22.353	ug/l	94
30) Chloroform	7.68	83	28780	5.699	ug/l	94
31) Cyclohexane	7.95	56	27100	5.828	ug/l #	81
32) 1,1,1-Trichloroethane	7.88	97	23443	5.536	ug/l	98
36) 1,1-Dichloropropene	8.09	75	21739	4.969	ug/l	99
37) Ethyl Acetate	7.27	43	7705	4.545	ug/l	95
38) Carbon Tetrachloride	8.07	117	22599	5.313	ug/l	98

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	24008	4.631	ug/l	98
40) Benzene	8.33	78	63977	5.313	ug/l	97
41) Methacrylonitrile	7.49	41	4103	4.268	ug/l	89
42) 1,2-Dichloroethane	8.40	62	16871	4.604	ug/l	98
43) Isopropyl Acetate	8.43	43	13338	4.076	ug/l	96
44) Trichloroethene	9.10	130	19385	6.040	ug/l	98
45) 1,2-Dichloropropane	9.37	63	14907	5.060	ug/l	99
46) Dibromomethane	9.46	93	7676	5.030	ug/l	96
47) Bromodichloromethane	9.65	83	19825	5.053	ug/l	98
48) Methyl methacrylate	9.45	41	5482	3.666	ug/l #	87
49) 1,4-Dioxane	9.48	88	1859	97.205	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	32254	20.117	ug/l	99
52) Toluene	10.39	92	39071	5.033	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	16274	4.335	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	21317	4.716	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	11469	5.416	ug/l	96
56) Ethyl methacrylate	10.65	69	9938	3.818	ug/l	96
57) 1,3-Dichloropropane	10.93	76	18754	5.009	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	24558	19.533	ug/l	98
59) 2-Hexanone	10.98	43	21153	19.718	ug/l	98
60) Dibromochloromethane	11.13	129	12630	5.121	ug/l	95
61) 1,2-Dibromoethane	11.24	107	10590	5.176	ug/l	99
64) Tetrachloroethene	10.87	164	14177	5.421	ug/l	93
65) Chlorobenzene	11.66	112	43492	5.395	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	14719	5.164	ug/l	97
67) Ethyl Benzene	11.73	91	73859	4.947	ug/l	97
68) m/p-Xylenes	11.84	106	56497	10.074	ug/l	97
69) o-Xylene	12.17	106	23989	4.694	ug/l	99
70) Styrene	12.18	104	40603	4.613	ug/l	98
71) Bromoform	12.35	173	6134	4.726	ug/l #	98
73) Isopropylbenzene	12.47	105	65479	4.922	ug/l	99
74) N-amyl acetate	12.27	43	11033	3.961	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	12429	5.582	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	8728m	5.260	ug/l	
77) Bromobenzene	12.75	156	16193	5.441	ug/l	97
78) n-propylbenzene	12.80	91	81056	5.037	ug/l	98
79) 2-Chlorotoluene	12.90	91	49574	5.395	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	57846	5.091	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3205	4.865	ug/l	92
82) 4-Chlorotoluene	12.99	91	50713	5.276	ug/l	100
83) tert-Butylbenzene	13.21	119	45986	4.885	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	56143	4.949	ug/l	100
85) sec-Butylbenzene	13.38	105	69372	5.099	ug/l	97
86) p-Isopropyltoluene	13.50	119	61695	4.965	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	33445	5.596	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	33173	5.681	ug/l	95
89) n-Butylbenzene	13.82	91	56357	4.779	ug/l	100
90) Hexachloroethane	14.10	117	12045	5.368	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	28298	5.497	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1748	4.932	ug/l	94

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

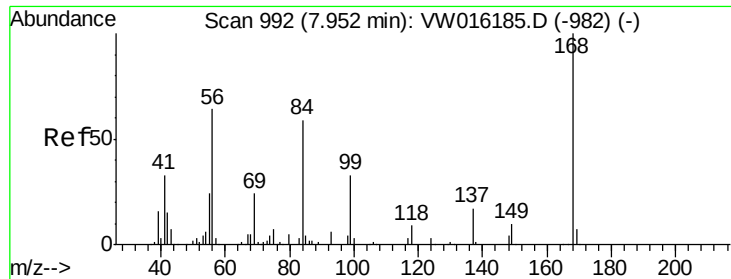
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Aug 14 11:36:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	13575	4.193	ug/l	91
94) Hexachlorobutadiene	15.24	225	9742	4.823	ug/l	98
95) Naphthalene	15.36	128	22178	3.988	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	12276	4.403	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 261900

Ion Ratio Lower Upper

168 100

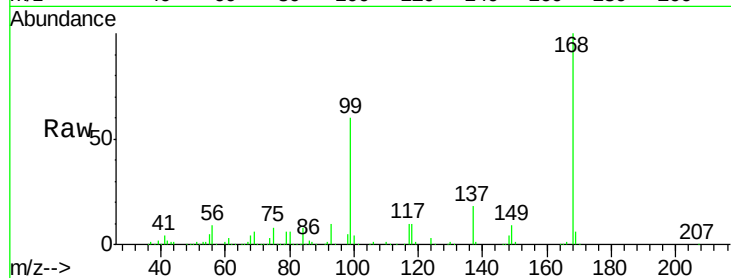
99 59.8 48.3 72.5

Manual Integrations

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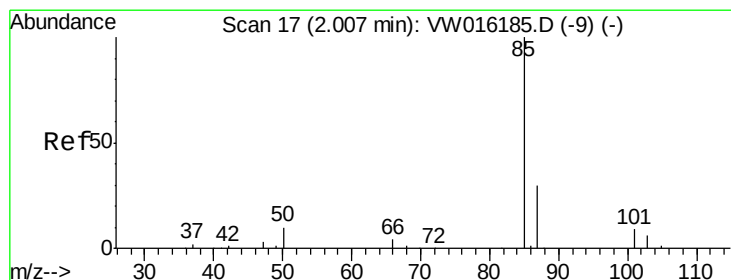
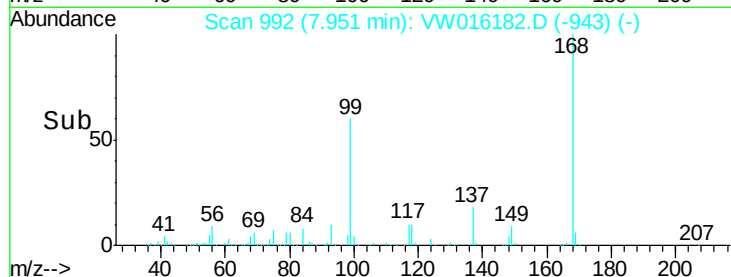
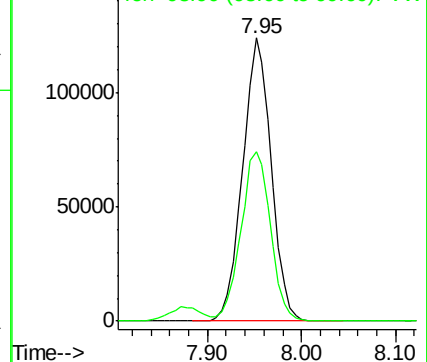
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 6.817 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW016182.D

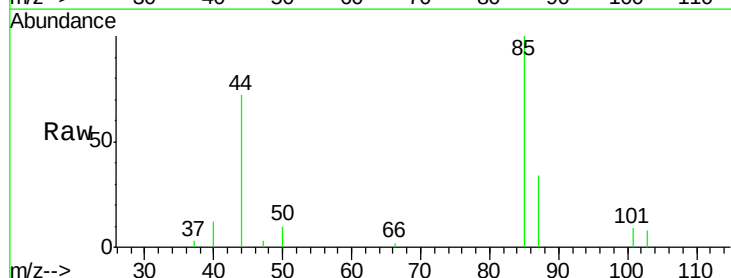
Acq: 14 Aug 2020 09:50

Tgt Ion: 85 Resp: 9625

Ion Ratio Lower Upper

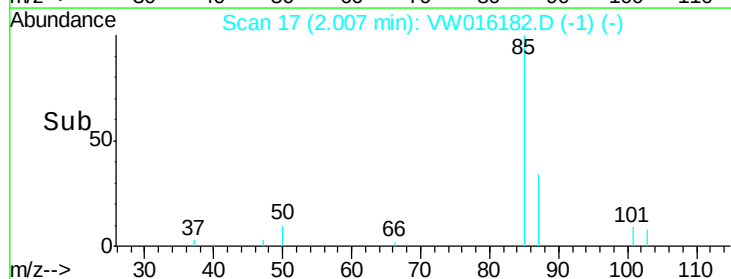
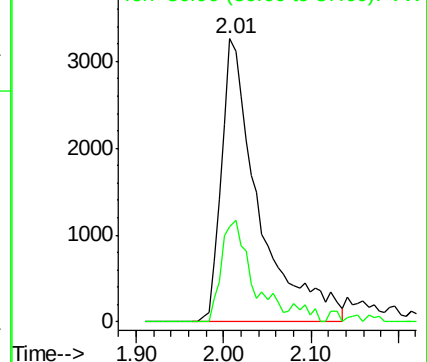
85 100

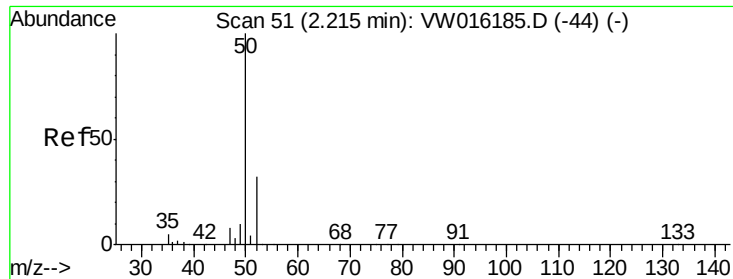
87 33.8 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 5.883 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 10999

Ion Ratio Lower Upper

50 100

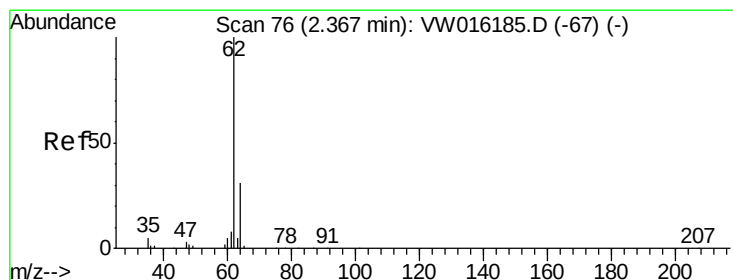
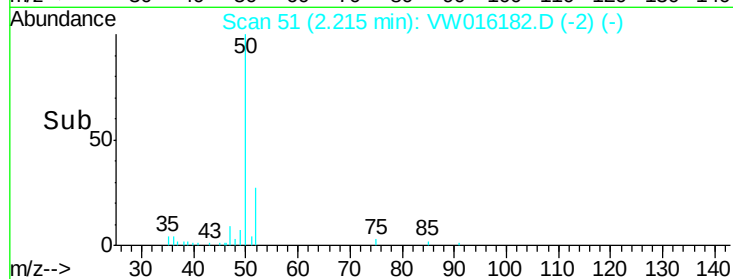
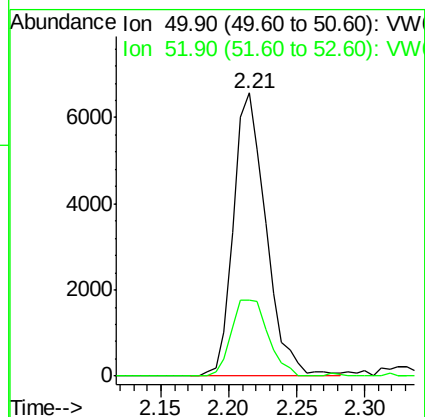
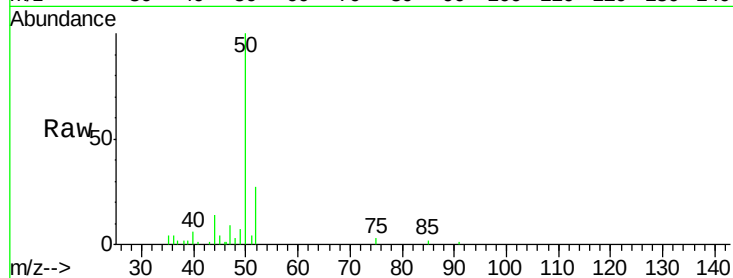
52 27.0 25.3 37.9

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#4

Vinyl Chloride

Concen: 5.128 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW016182.D

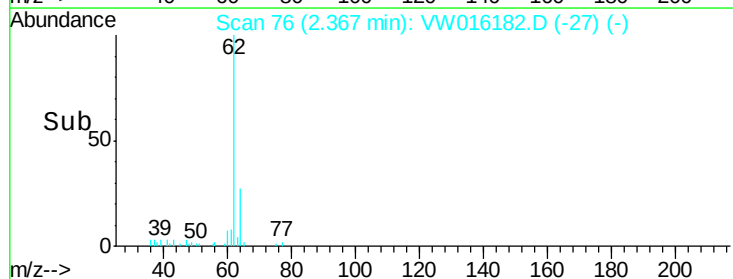
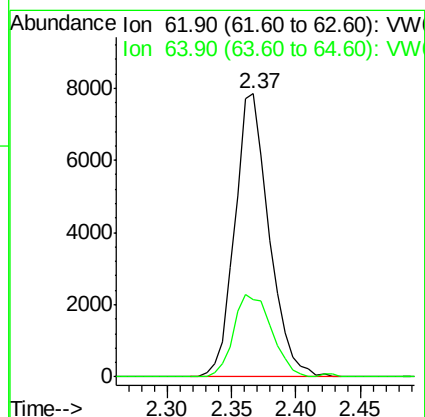
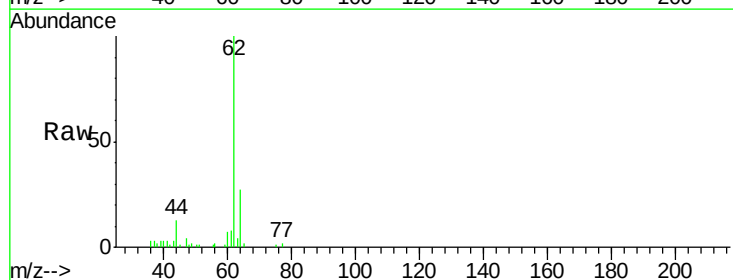
Acq: 14 Aug 2020 09:50

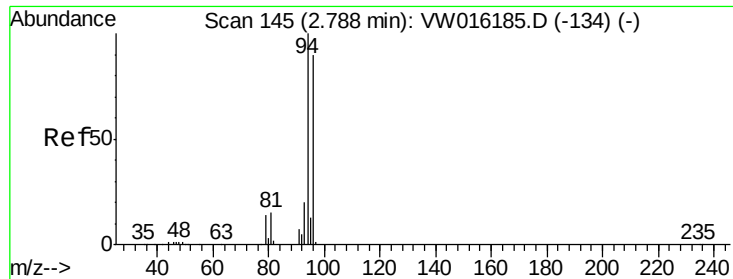
Tgt Ion: 62 Resp: 14547

Ion Ratio Lower Upper

62 100

64 27.4 24.5 36.7





#5

Bromomethane

Concen: 4.337 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 9225

Ion Ratio Lower Upper

94 100

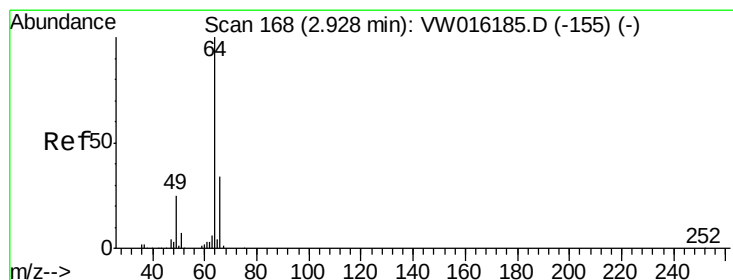
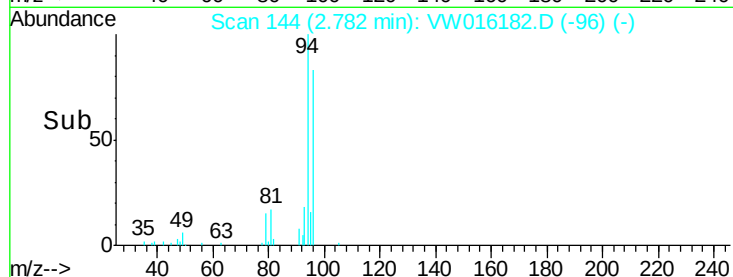
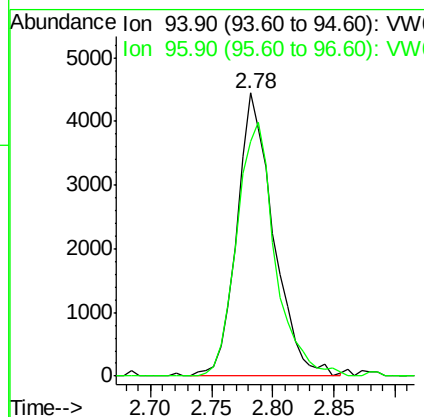
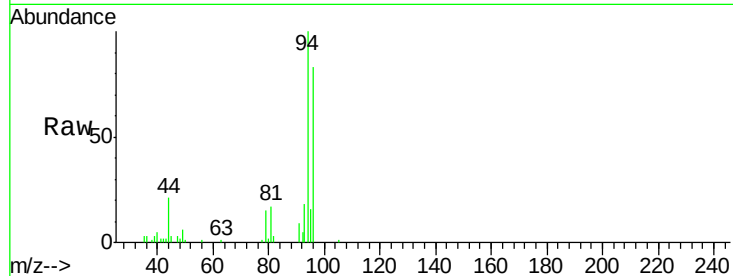
96 82.9 71.8 107.6

Manual Integrations

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#6

Chloroethane

Concen: 4.373 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW016182.D

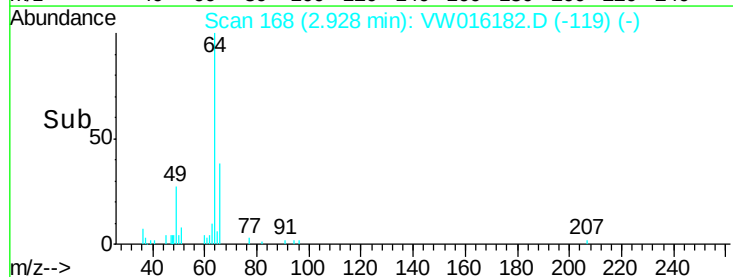
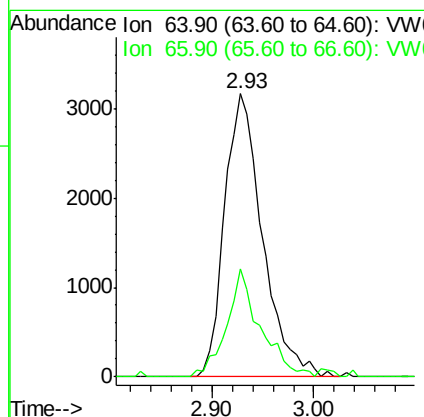
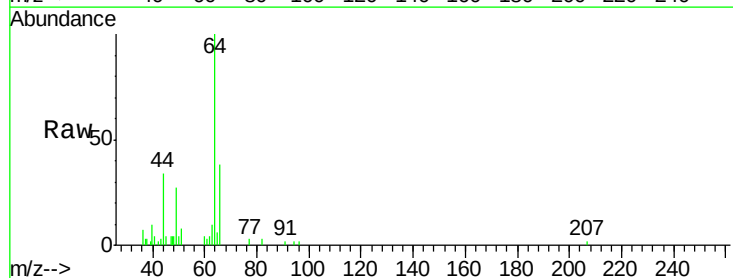
Acq: 14 Aug 2020 09:50

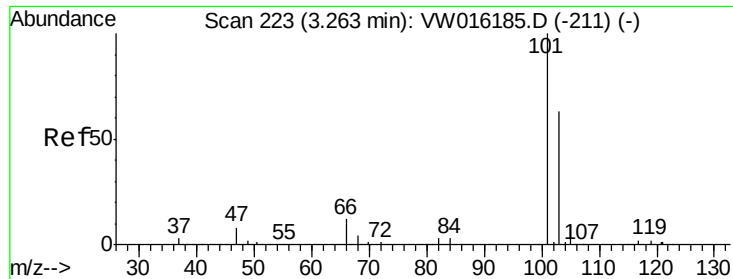
Tgt Ion: 64 Resp: 8187

Ion Ratio Lower Upper

64 100

66 38.2 26.9 40.3





#7

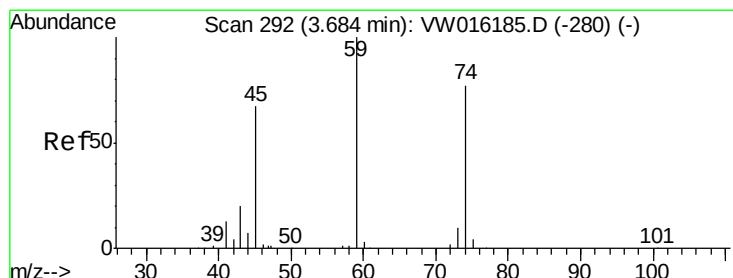
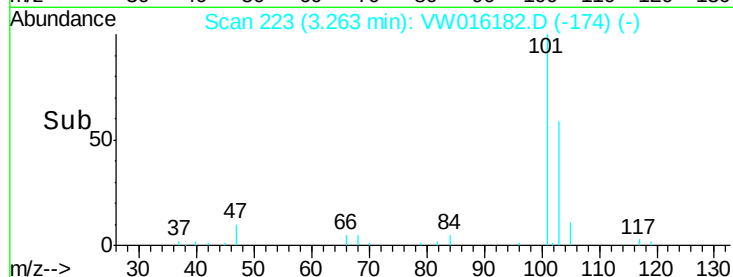
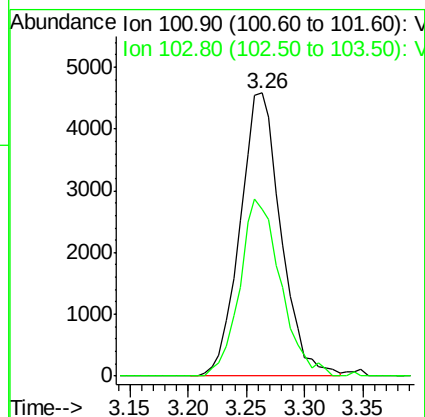
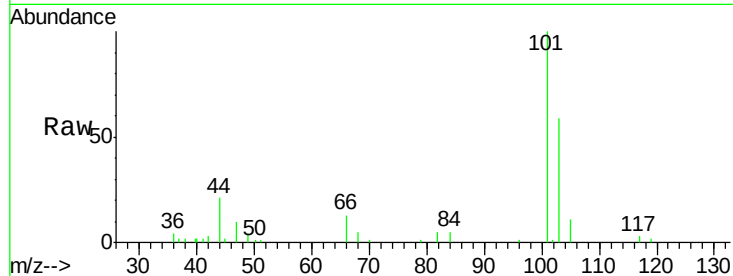
Trichlorofluoromethane
 Concen: 5.449 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	58.9	50.4	75.6

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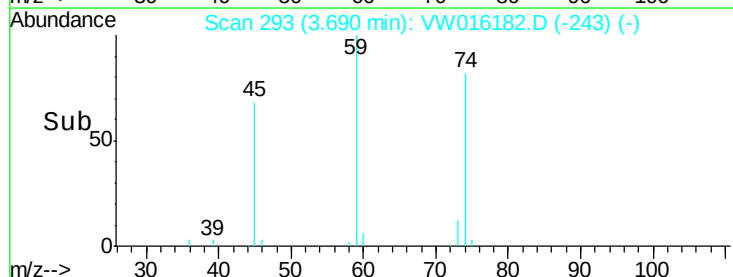
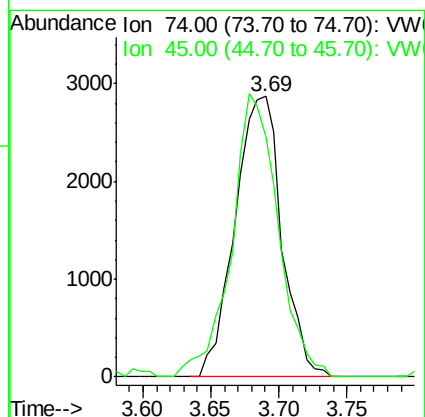
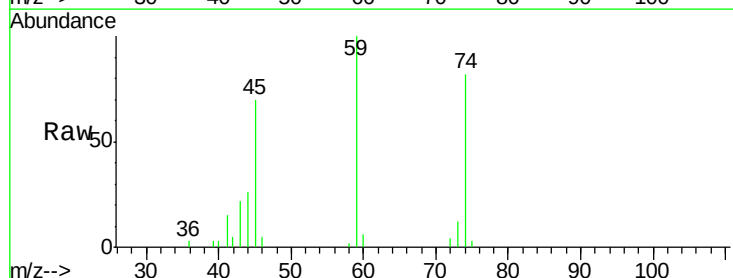
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 8/17/2020 5:46:23 PM

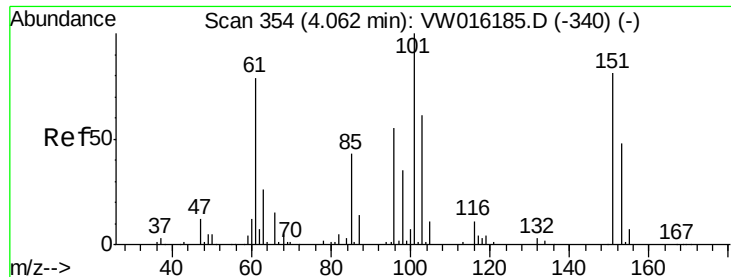


#8

Diethyl Ether
 Concen: 5.294 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.7	45.9	137.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.099 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_W

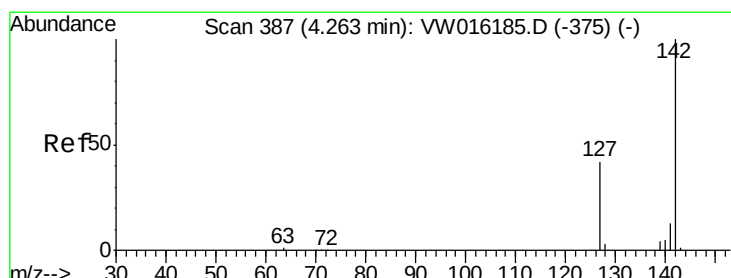
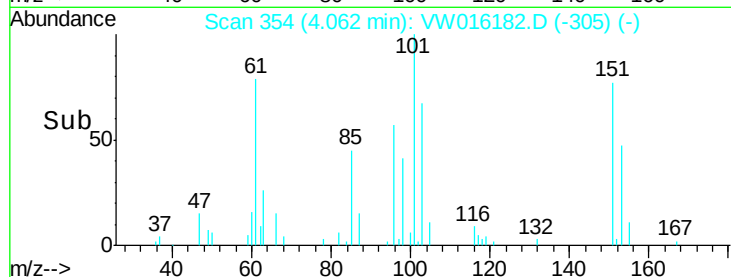
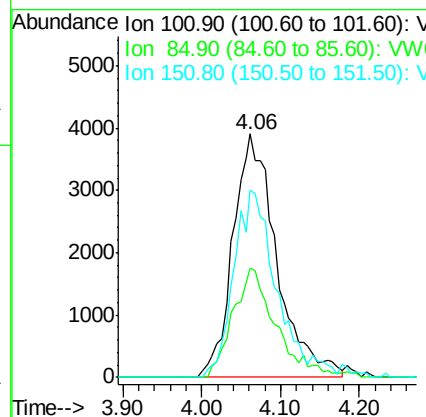
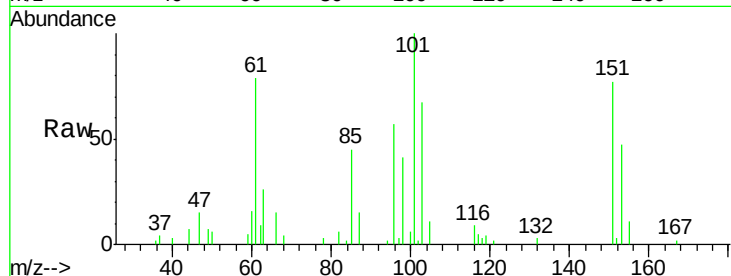
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	15048
Ion Ratio	Lower	Upper	
101	100		
85	43.9	33.3	49.9
151	71.7	61.1	91.7

Manual Integrations
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#10

Methyl Iodide

Concen: 6.090 ug/l

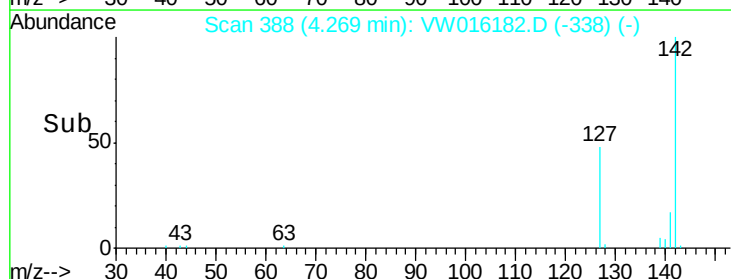
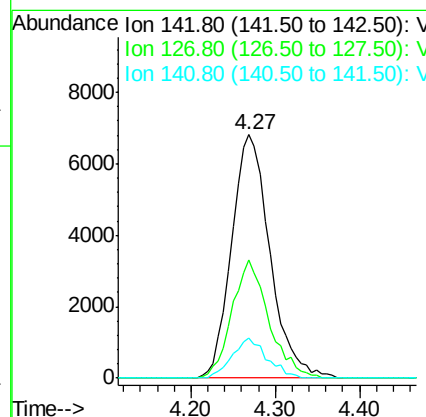
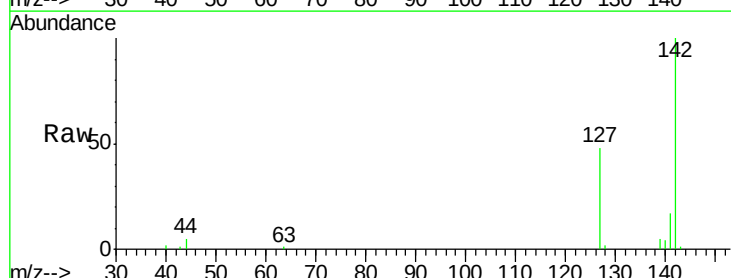
RT: 4.27 min Scan# 388

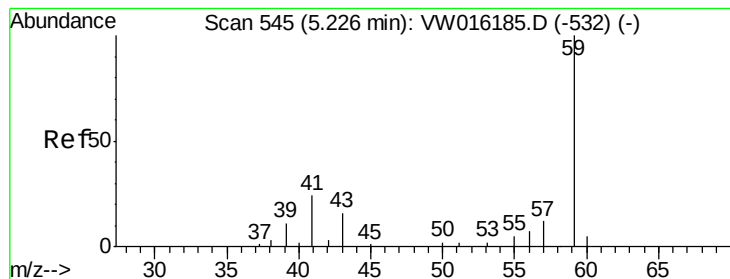
Delta R.T. 0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Tgt Ion:	142	Resp:	21112
Ion Ratio	Lower	Upper	
142	100		
127	46.5	34.6	52.0
141	14.9	11.4	17.2





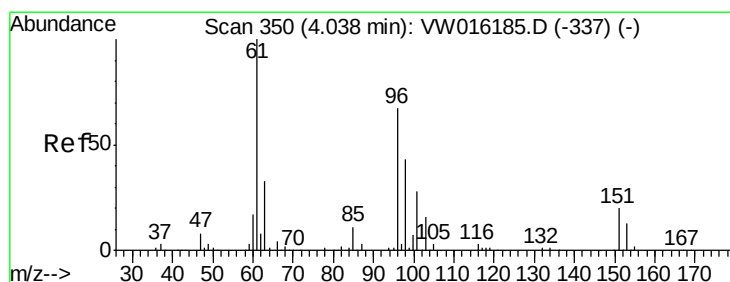
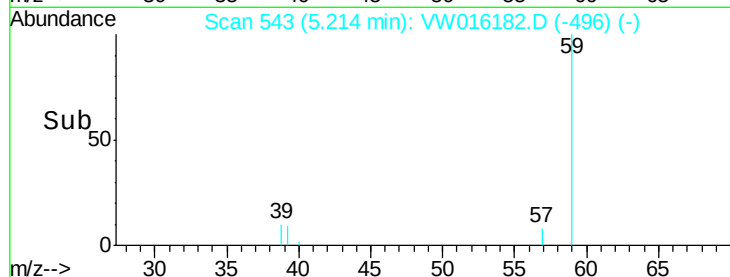
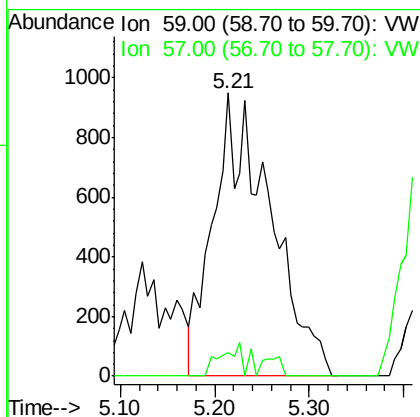
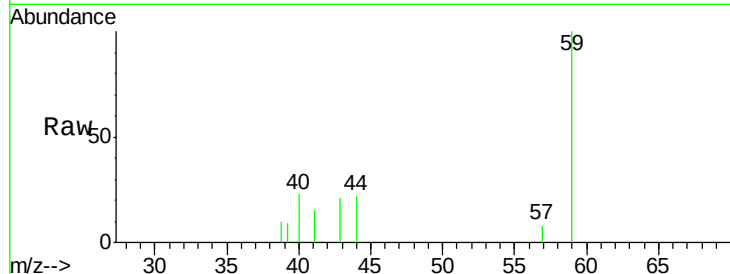
#11
Tert butyl alcohol
Concen: 26.837 ug/l m
RT: 5.21 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
59	100	3980		
57	5.1		9.0	13.6#

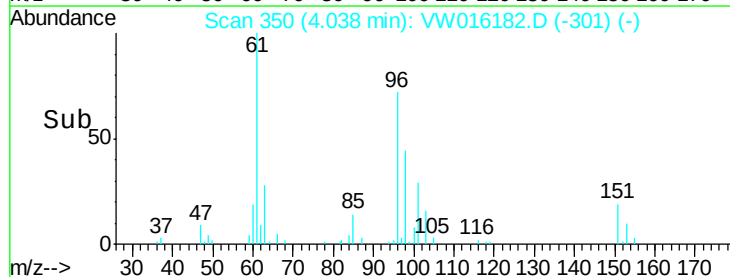
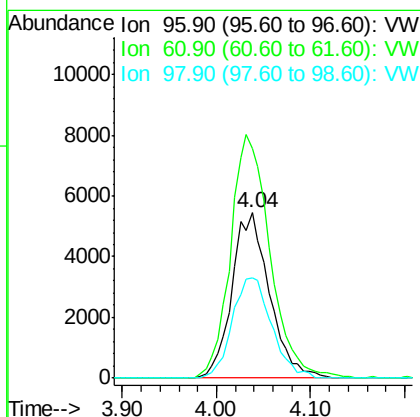
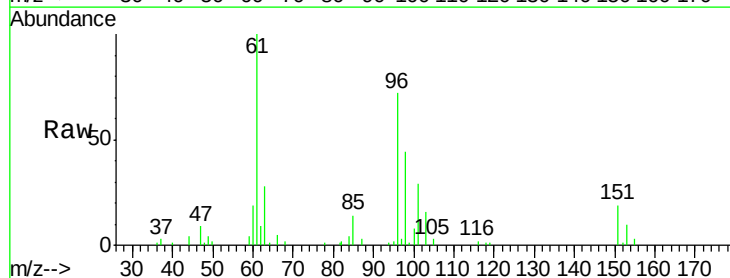
Manual Integrations
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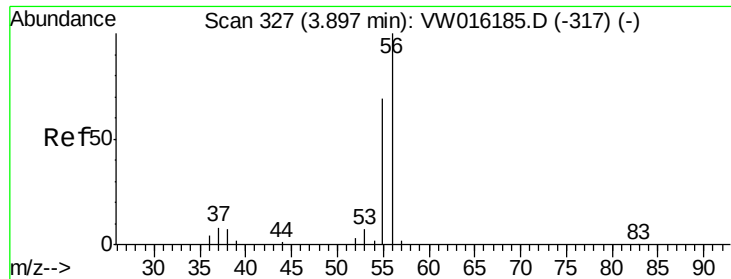
MMDadoda
8/17/2020 5:46:23 PM



#12
1,1-Dichloroethene
Concen: 6.217 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	15195		
61	138.6		119.5	179.3
98	60.4		51.3	76.9





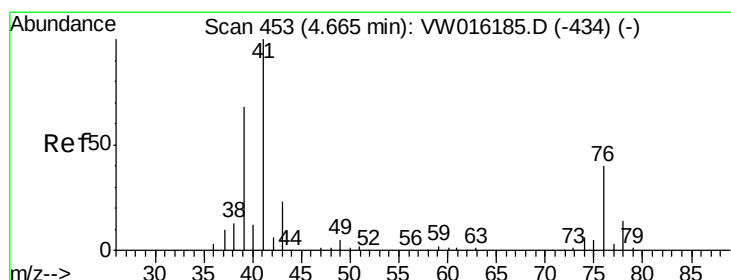
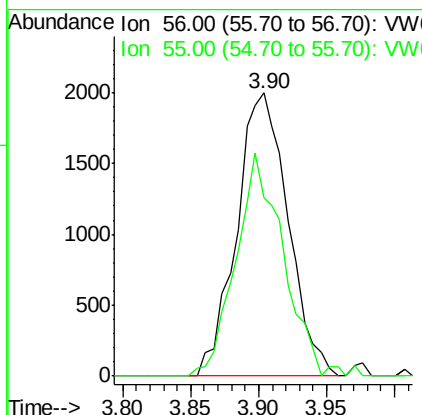
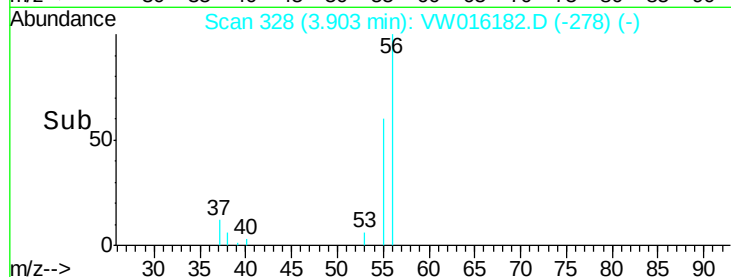
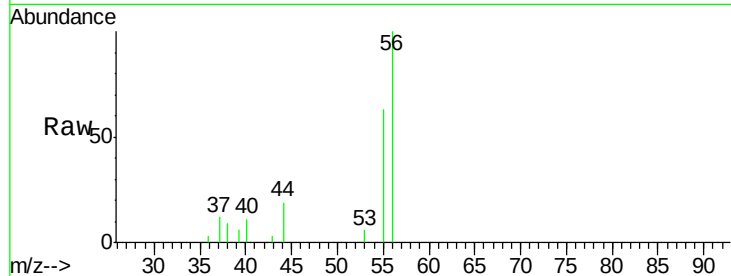
#13
 Acrolein
 Concen: 28.127 ug/l
 RT: 3.90 min Scan# 328
 Delta R.T. 0.01 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion: 56 Resp: 5279
 Ion Ratio Lower Upper
 56 100
 55 72.0 55.0 82.6

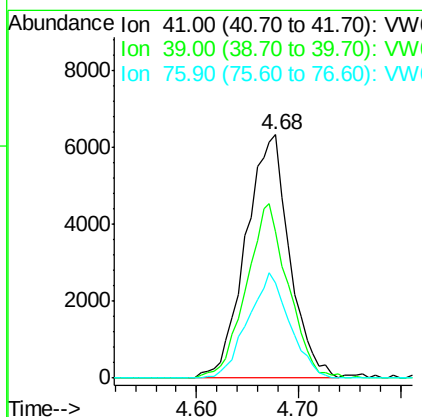
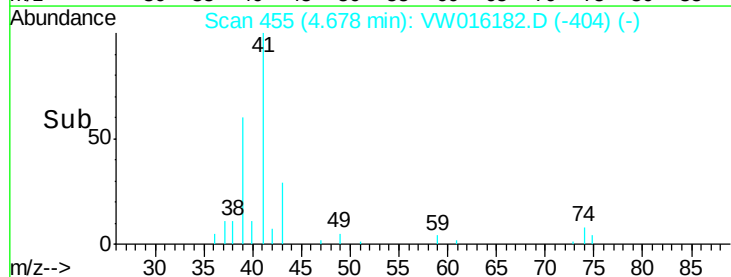
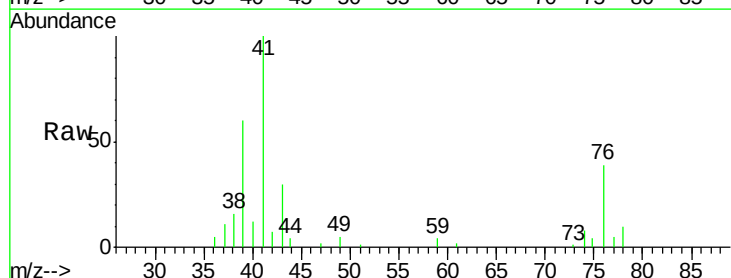
Manual Integrations
 APPROVED

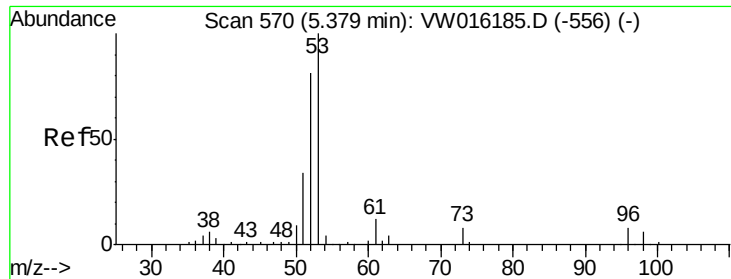
MMDadoda
 8/17/2020 5:46:23 PM



#14
 Allyl chloride
 Concen: 4.922 ug/l
 RT: 4.68 min Scan# 455
 Delta R.T. 0.01 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion: 41 Resp: 18907
 Ion Ratio Lower Upper
 41 100
 39 68.6 53.4 80.0
 76 41.0 32.0 48.0





#15

Acrylonitrile

Concen: 24.502 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_W

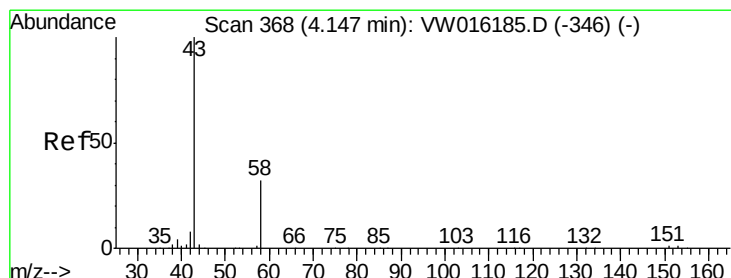
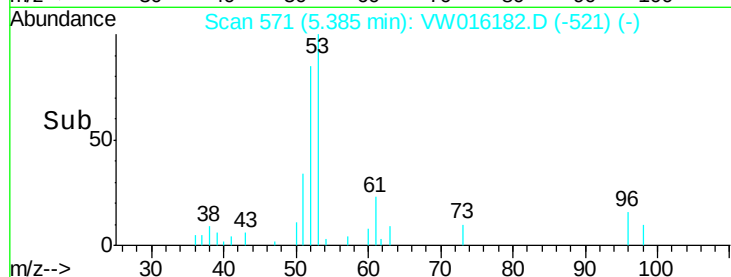
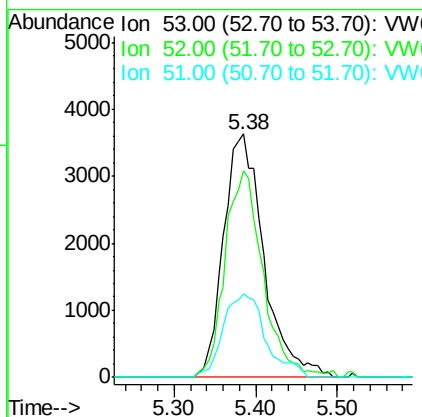
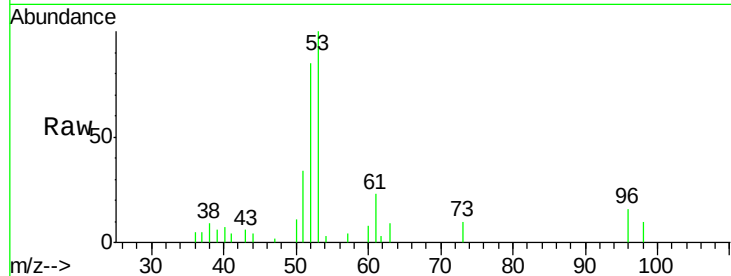
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	12411
Ion	Ratio	Lower	Upper
53	100		
52	80.0	65.3	97.9
51	36.1	29.0	43.4

Manual Integrations
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MMDadoda
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#16

Acetone

Concen: 25.468 ug/l

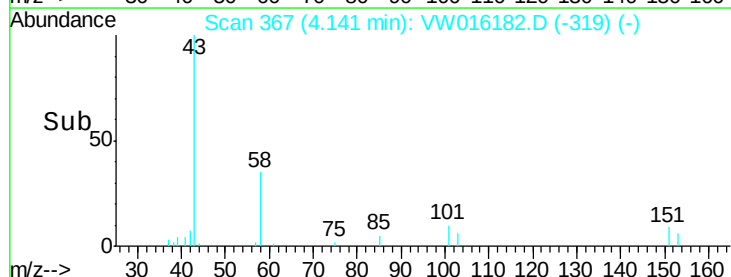
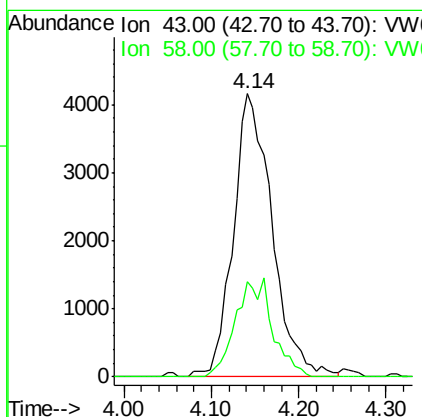
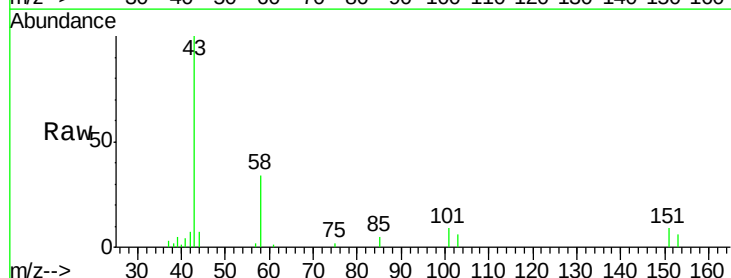
RT: 4.14 min Scan# 367

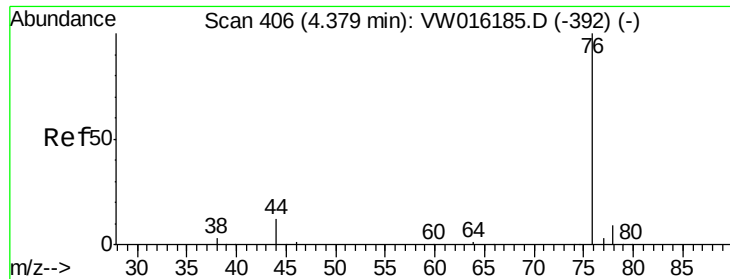
Delta R.T. -0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Tgt Ion:	43	Resp:	12803
Ion	Ratio	Lower	Upper
43	100		
58	33.6	25.8	38.6





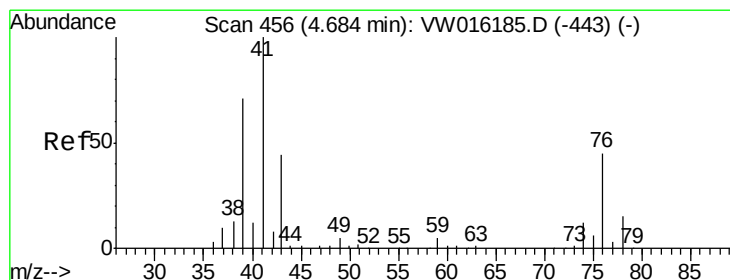
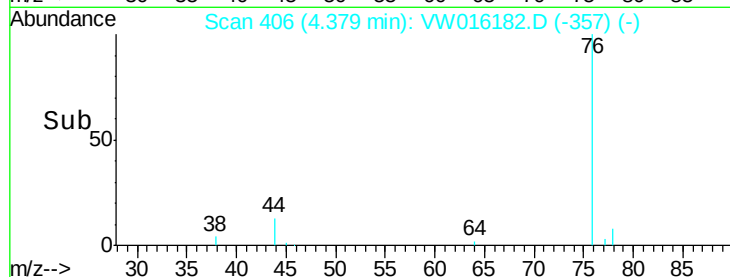
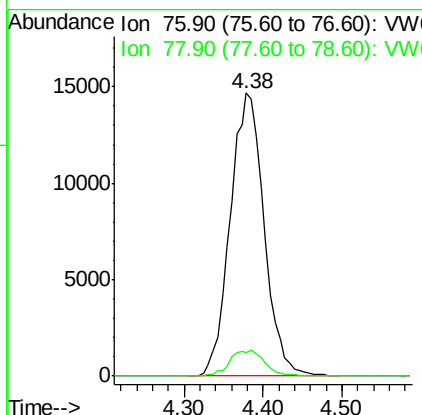
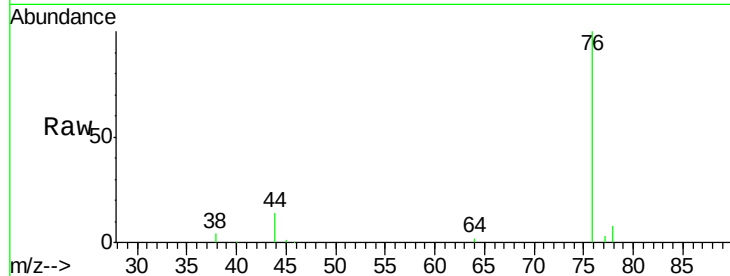
#17
Carbon Disulfide
Concen: 6.048 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 76 Resp: 43817
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6

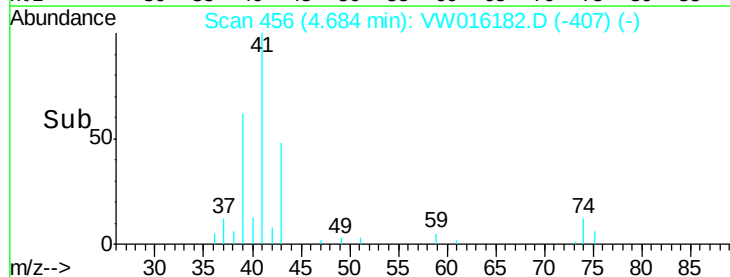
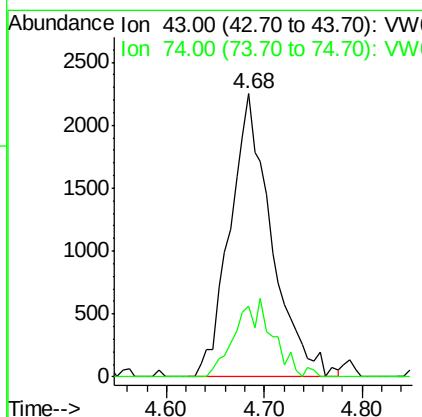
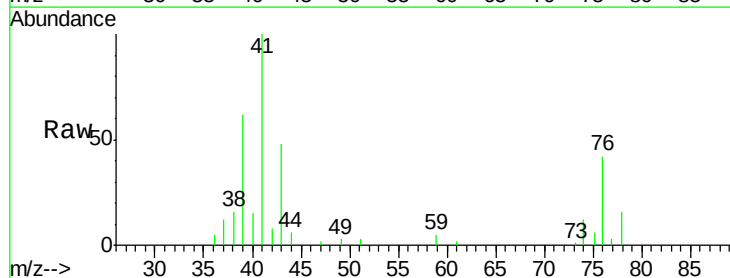
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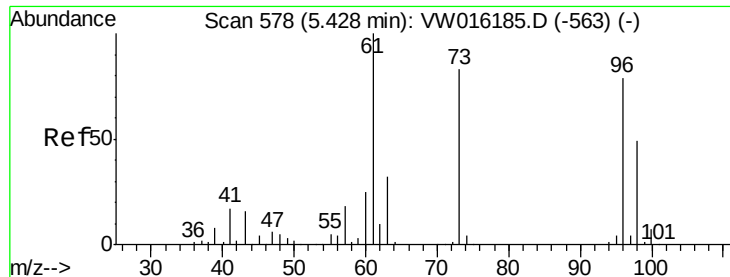
MMDadoda
8/17/2020 5:46:23 PM



#18
Methyl Acetate
Concen: 5.780 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion: 43 Resp: 6624
Ion Ratio Lower Upper
43 100
74 24.7 20.6 31.0





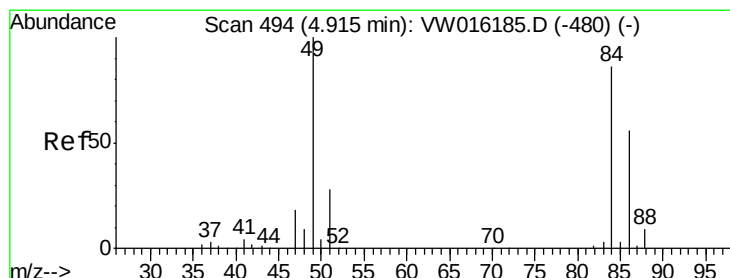
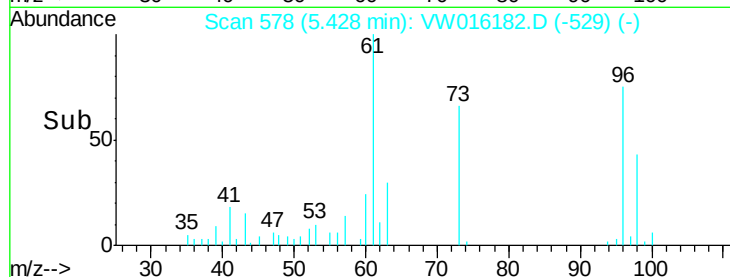
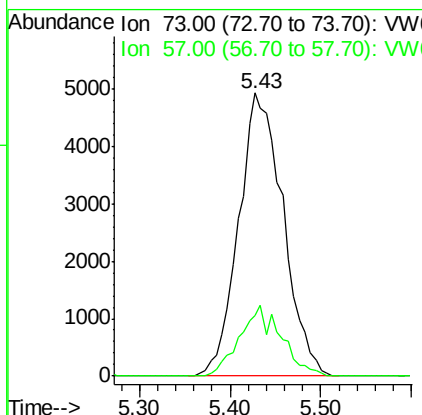
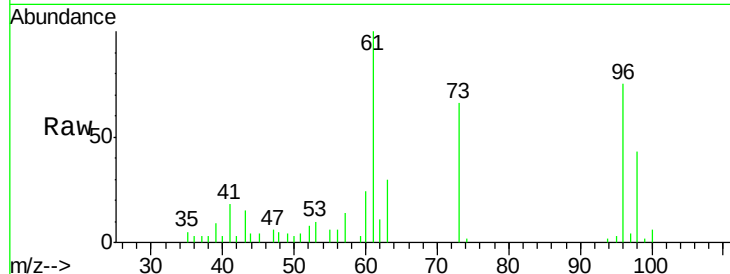
#19
Methyl tert-butyl Ether
Concen: 4.691 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 73 Resp: 16713
Ion Ratio Lower Upper
73 100
57 21.4 17.2 25.8

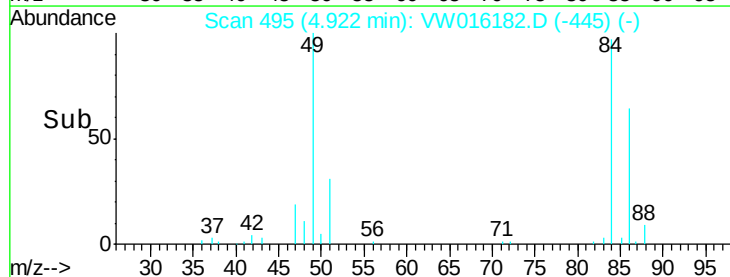
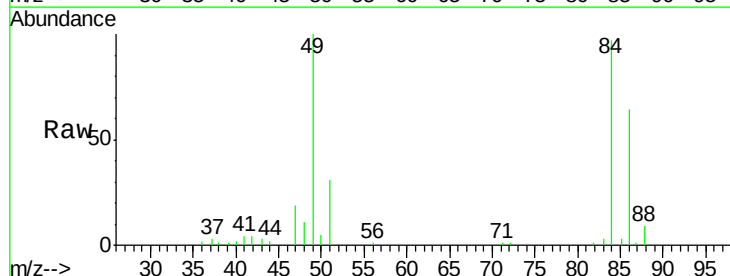
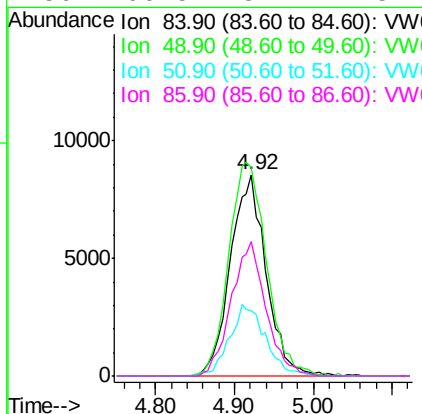
Manual Integrations
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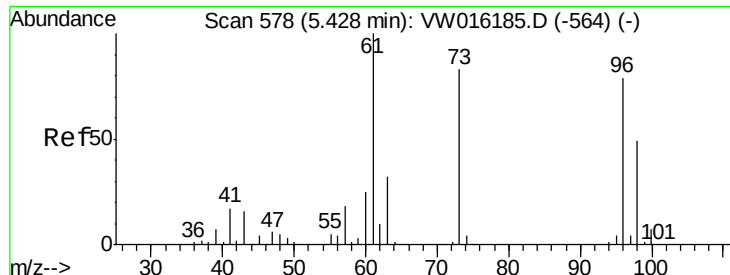
MMDadoda
8/17/2020 5:46:23 PM



#20
Methylene Chloride
Concen: 9.008 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion: 84 Resp: 26852
Ion Ratio Lower Upper
84 100
49 103.6 93.4 140.2
51 32.6 26.6 40.0
86 66.5 52.2 78.2





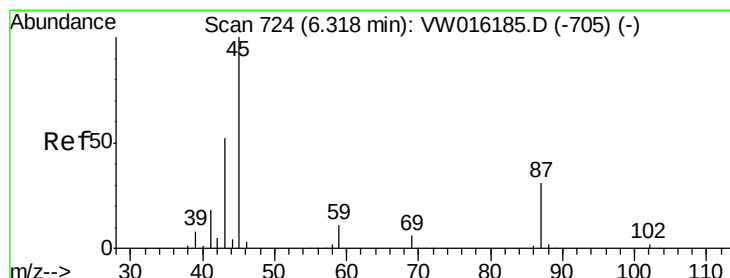
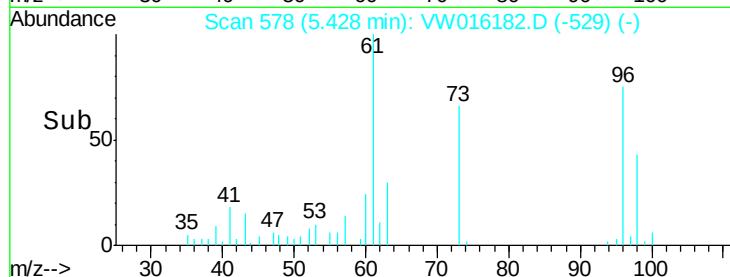
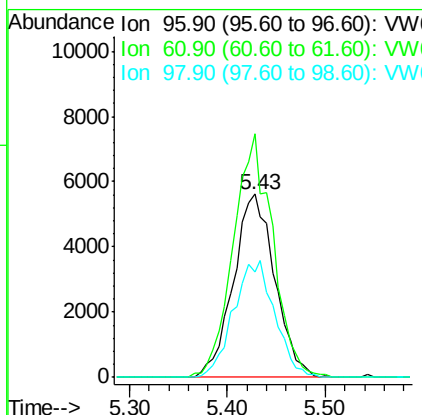
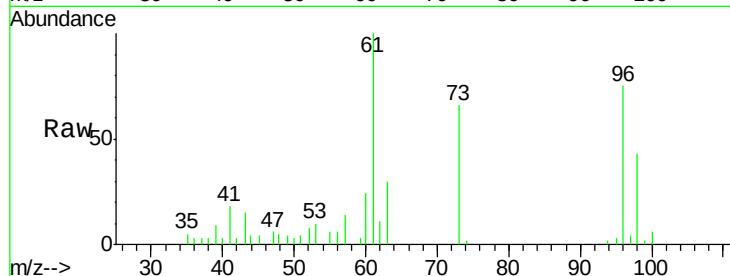
#21
trans-1,2-Dichloroethene
Concen: 5.870 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.0	101.4	152.0
98	57.5	49.4	74.0

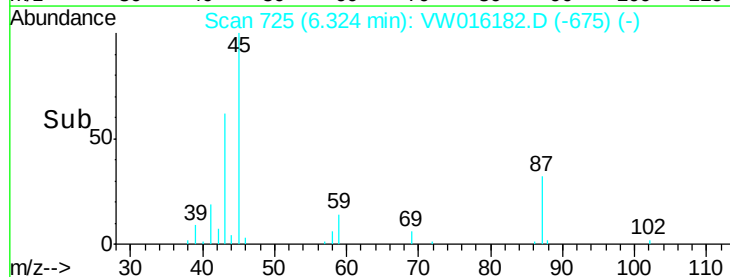
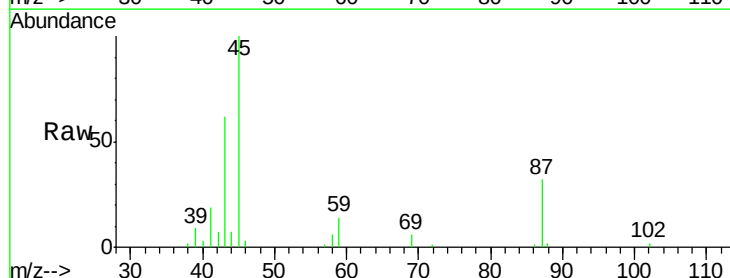
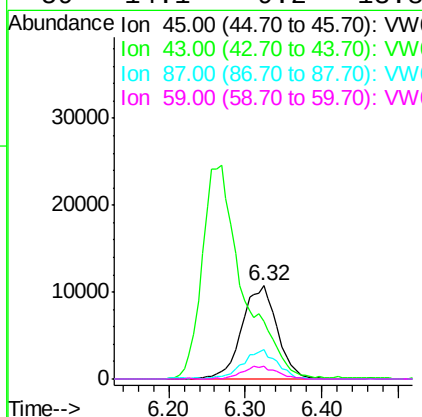
Manual Integrations
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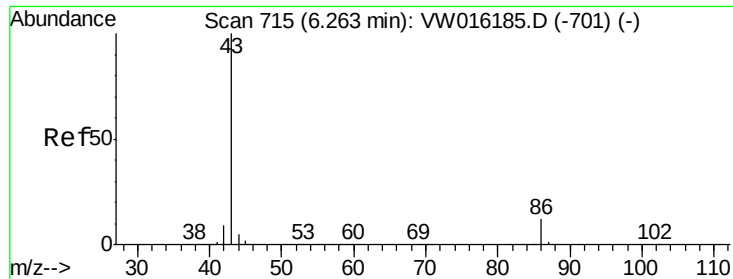
MMDadoda
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#22
Diisopropyl ether
Concen: 4.472 ug/l
RT: 6.32 min Scan# 725
Delta R.T. 0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.2	41.7	62.5
87	32.2	25.0	37.6
59	14.1	9.2	13.8





#23

Vinyl Acetate

Concen: 19.964 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 91222

Ion Ratio Lower Upper

43 100

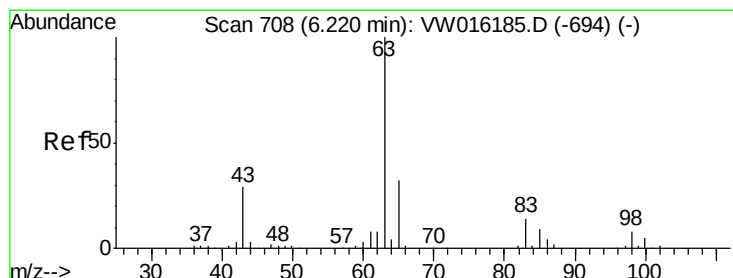
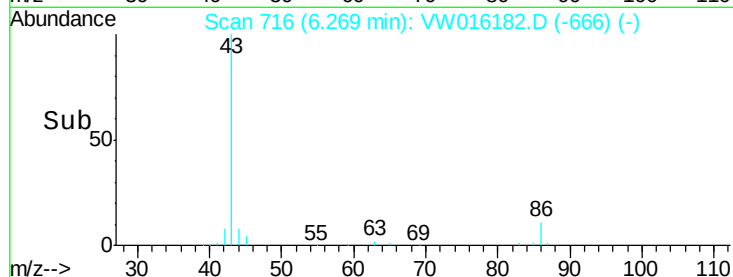
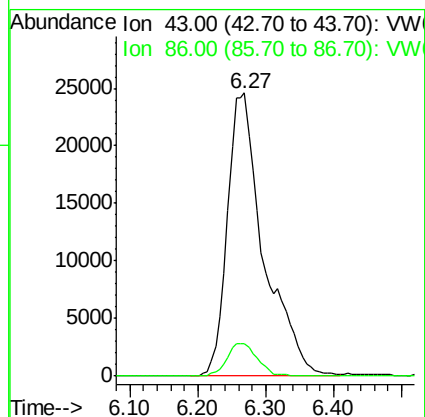
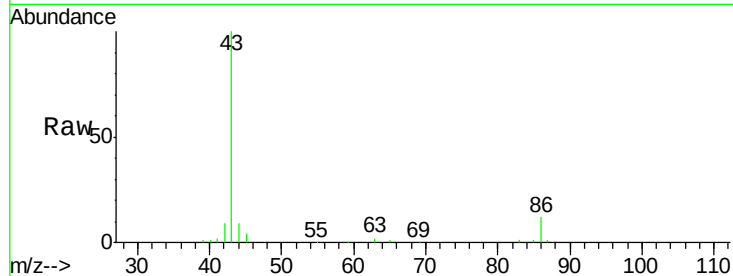
86 11.6 9.8 14.8

Manual Integrations

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MMDadoda

8/17/2020 5:46:23 PM



#24

1,1-Dichloroethane

Concen: 5.565 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

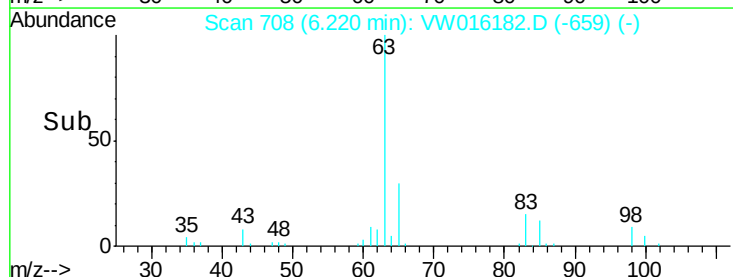
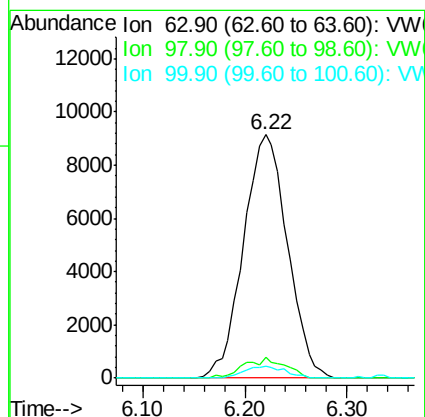
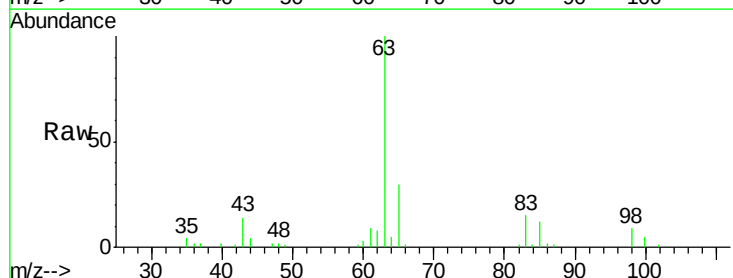
Tgt Ion: 63 Resp: 27422

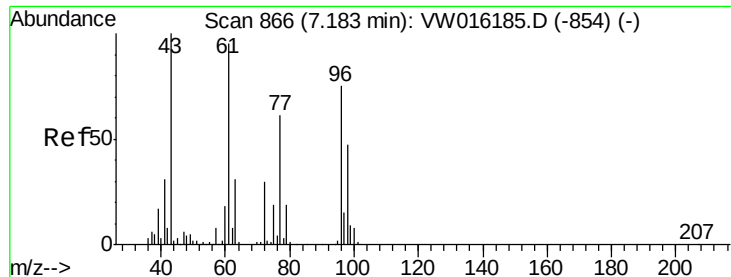
Ion Ratio Lower Upper

63 100

98 8.6 3.9 11.7

100 5.1 2.6 8.0





#25

2-Butanone

Concen: 24.670 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 16759

Ion Ratio Lower Upper

43 100

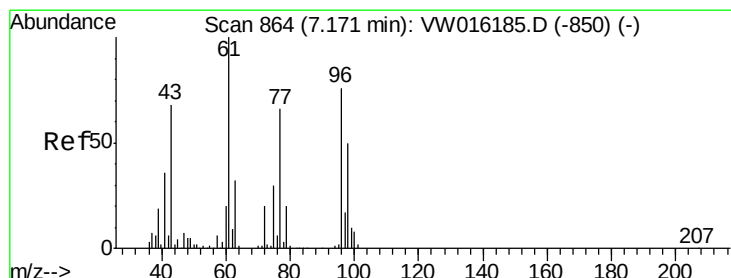
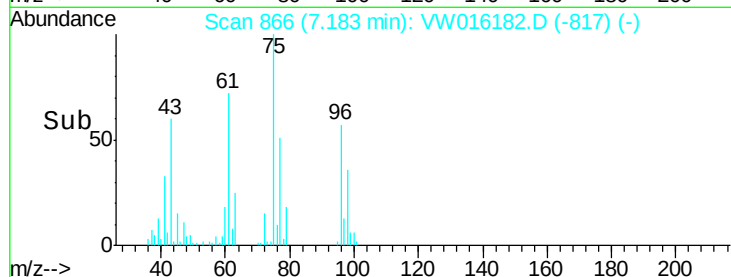
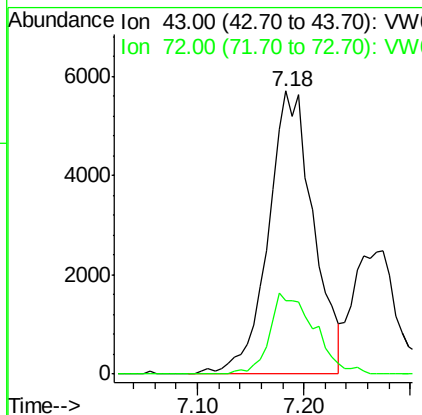
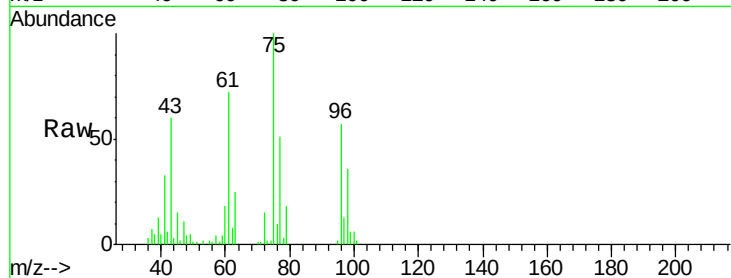
72 25.9 24.2 36.2

Manual Integrations

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MMDadoda

8/17/2020 5:46:23 PM



#26

2,2-Dichloropropane

Concen: 6.265 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW016182.D

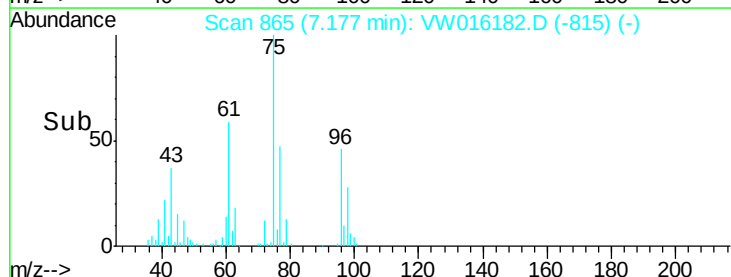
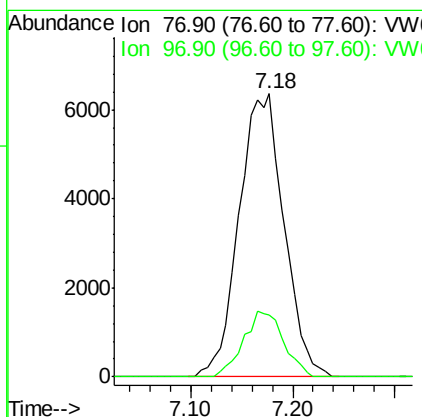
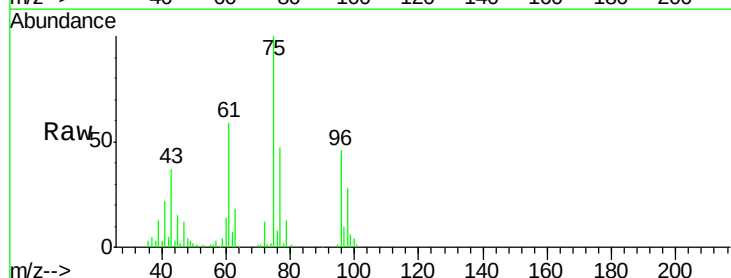
Acq: 14 Aug 2020 09:50

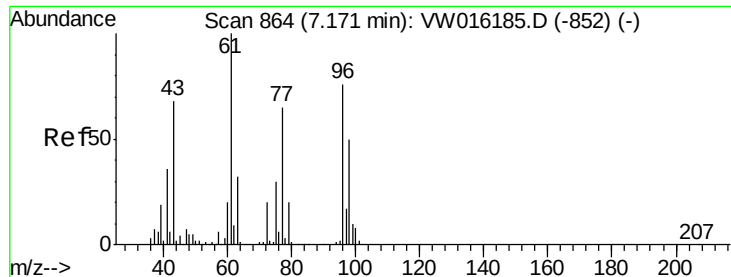
Tgt Ion: 77 Resp: 19403

Ion Ratio Lower Upper

77 100

97 20.7 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 5.568 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_W

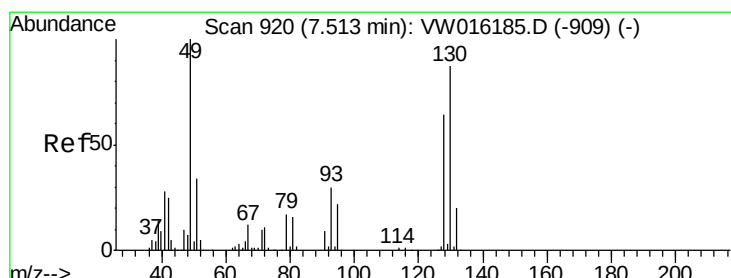
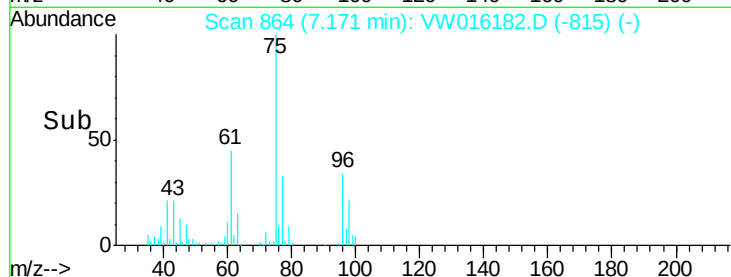
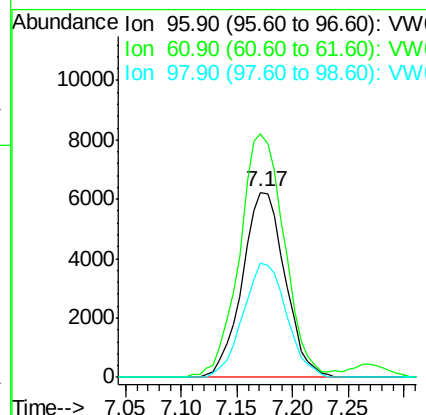
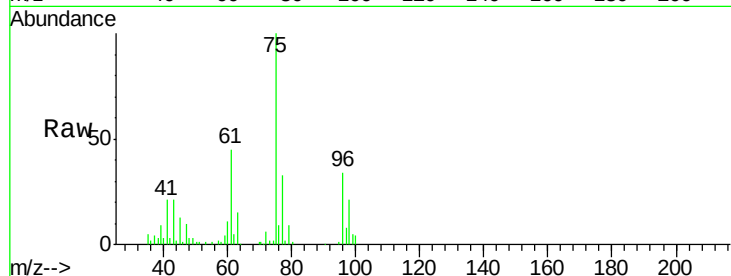
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	16613
Ion	Ratio	Lower	Upper
96	100		
61	137.8	0.0	267.0
98	63.0	0.0	129.6

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#28

Bromochloromethane

Concen: 4.858 ug/l

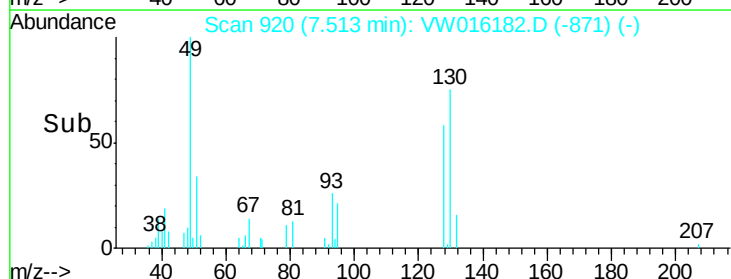
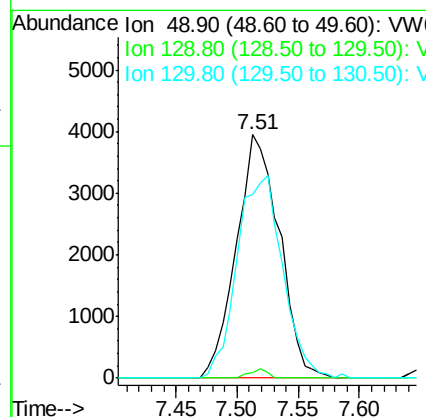
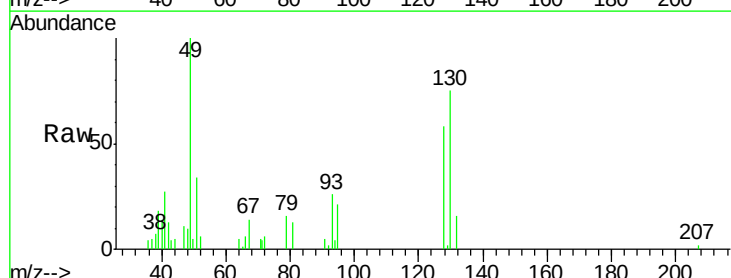
RT: 7.51 min Scan# 920

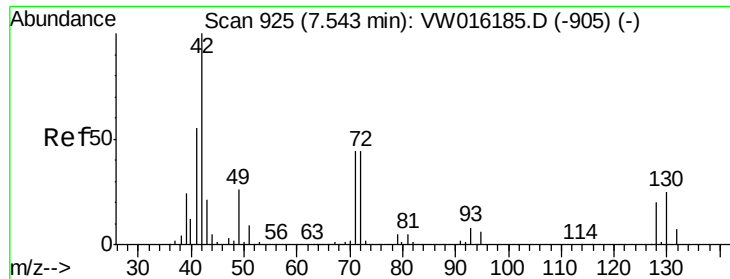
Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Tgt Ion:	49	Resp:	9639
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.2
130	88.2	69.9	104.9





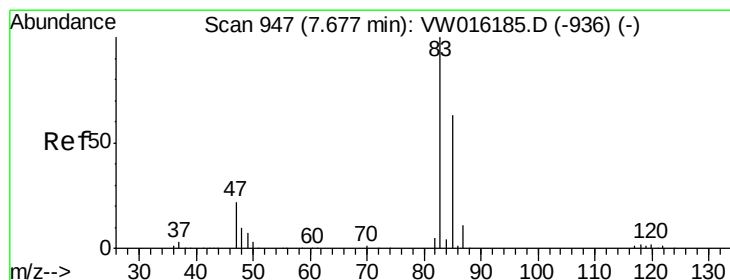
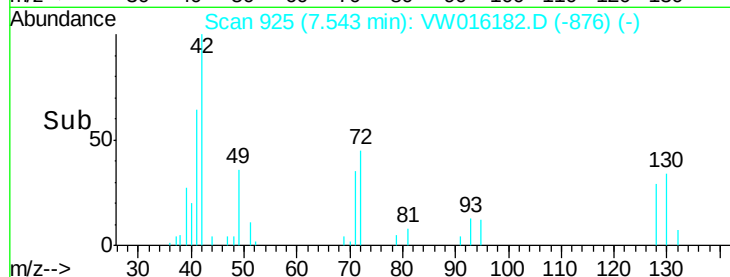
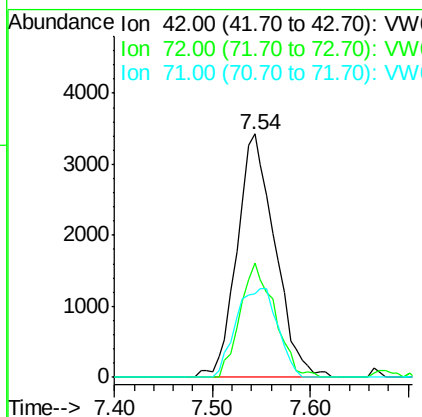
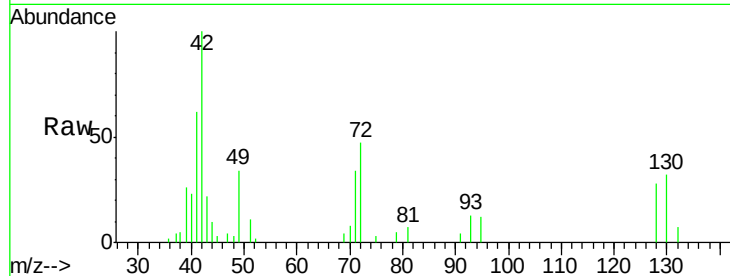
#29
Tetrahydrofuran
Concen: 22.353 ug/l
RT: 7.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	37.4	56.2
71	40.1	35.6	53.4

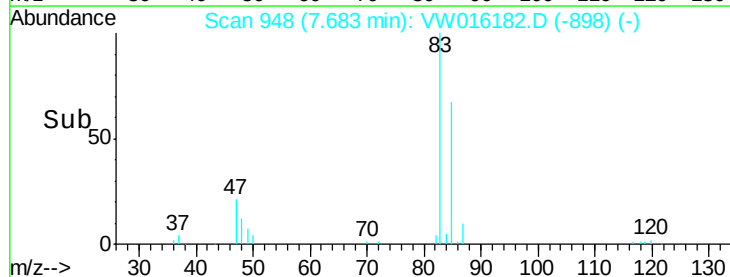
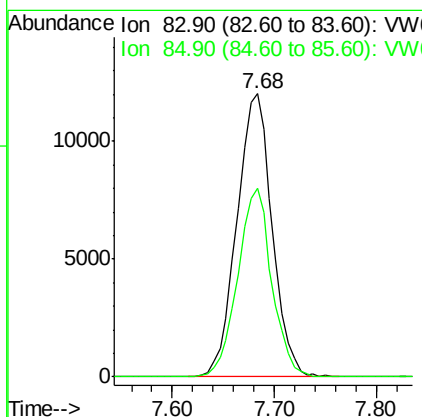
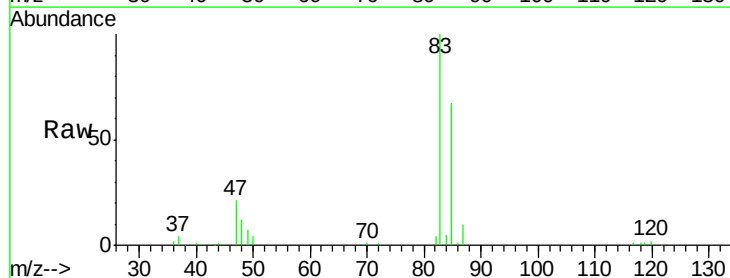
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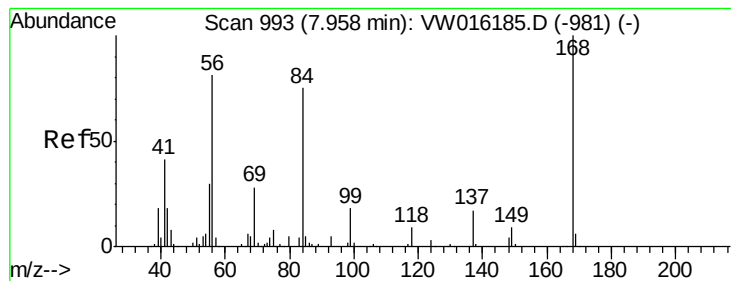
MMDadoda
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#30
Chloroform
Concen: 5.699 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	50.0	75.0





#31

Cyclohexane

Concen: 5.828 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 27100

Ion Ratio Lower Upper

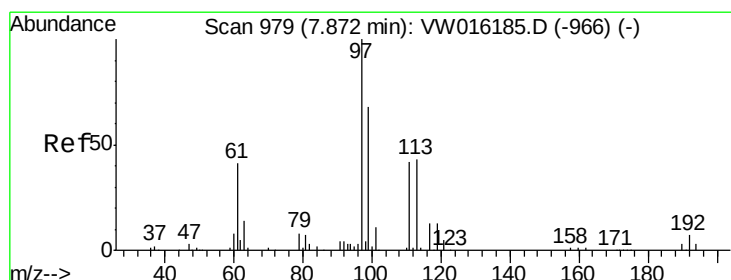
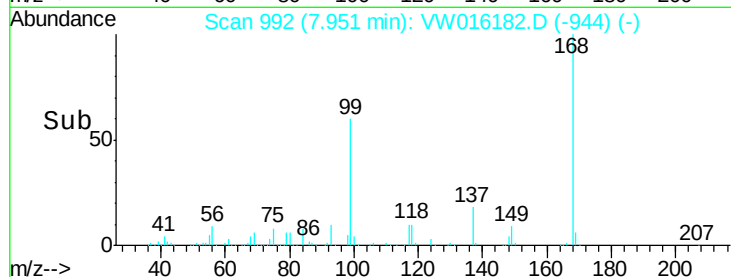
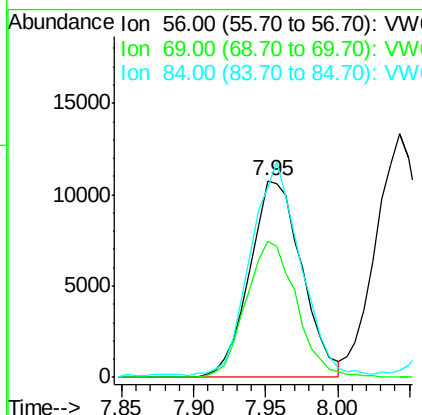
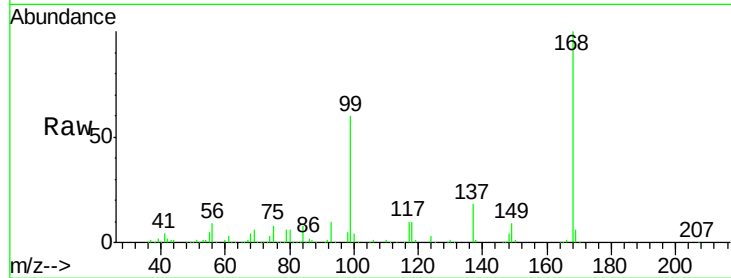
56 100

69 69.0 27.3 40.9#

84 95.4 73.5 110.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 5.536 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

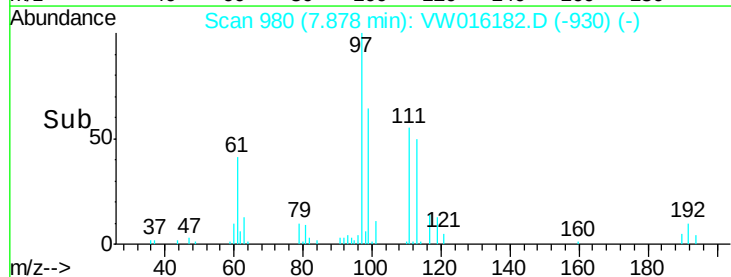
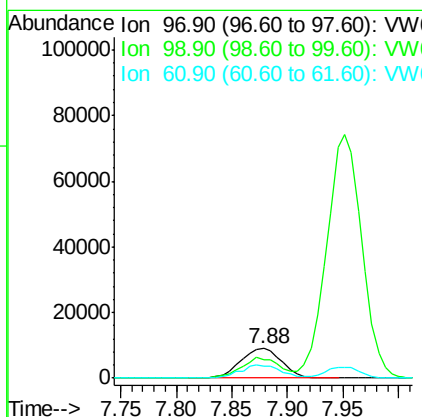
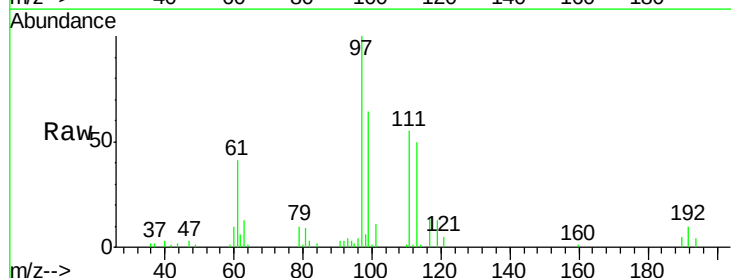
Tgt Ion: 97 Resp: 23443

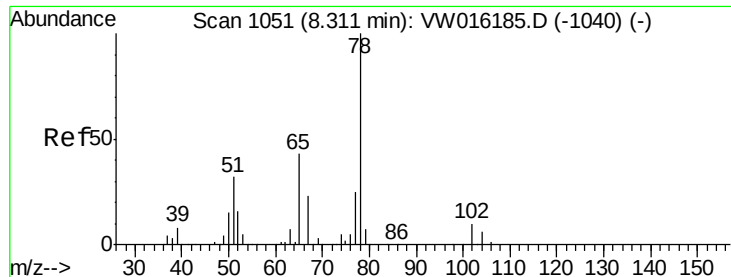
Ion Ratio Lower Upper

97 100

99 63.7 51.3 76.9

61 43.5 33.2 49.8





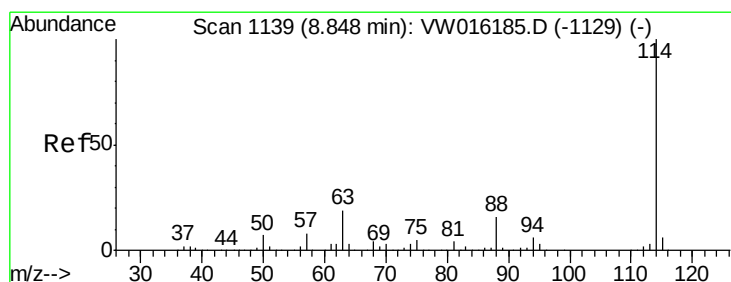
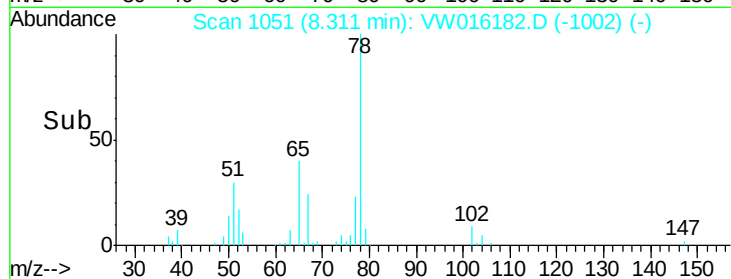
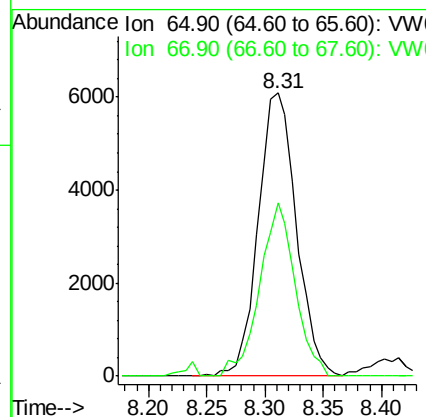
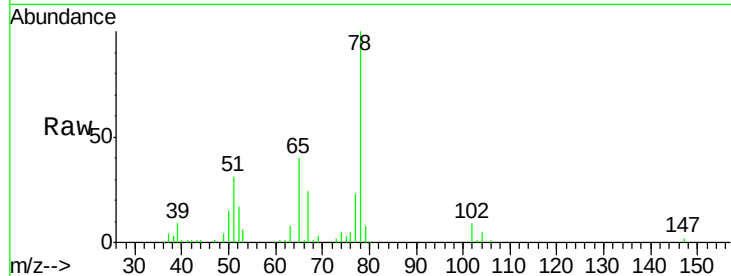
#33
 1,2-Dichloroethane-d4
 Concen: 5.111 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
65	100	13895		
67	56.6	0.0	105.6	

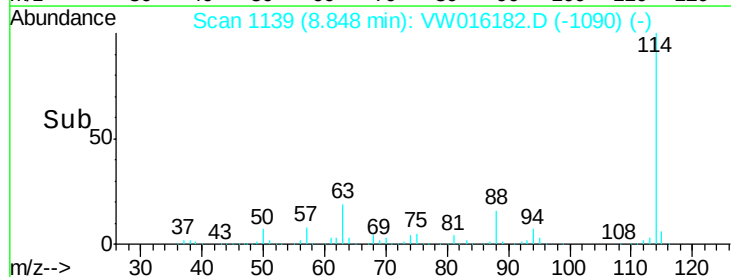
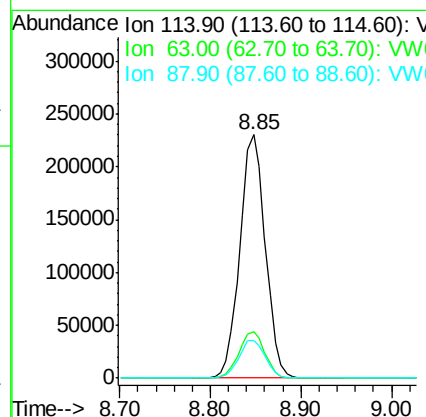
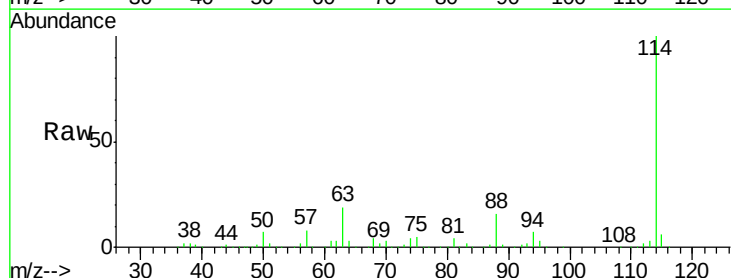
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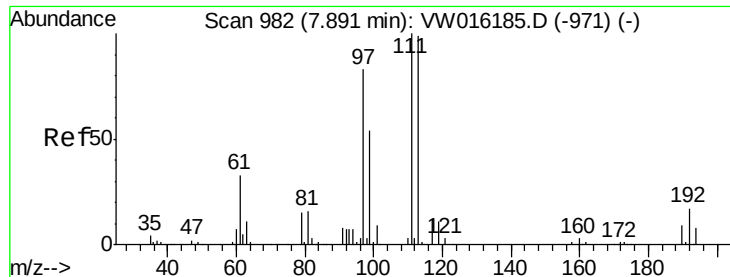
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	447906		
63	19.3	0.0	38.4	
88	15.6	0.0	32.8	





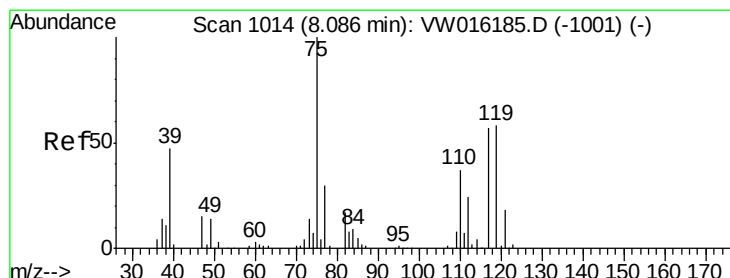
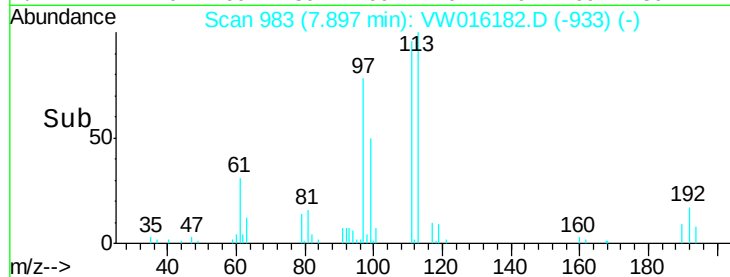
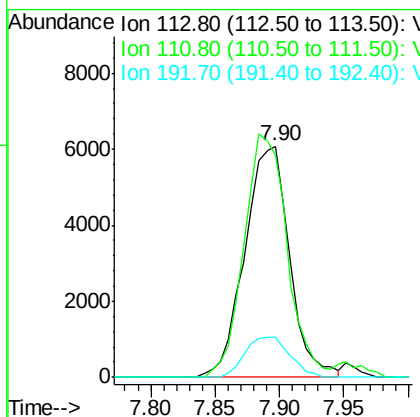
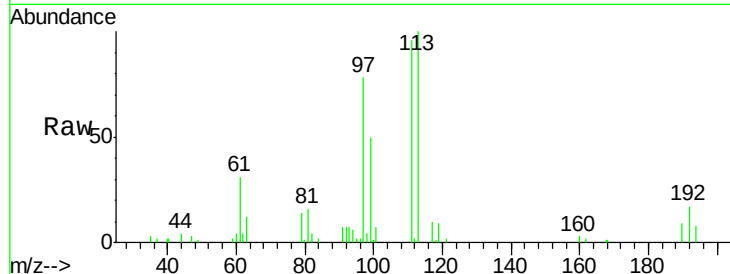
#35
 Dibromofluoromethane
 Concen: 5.458 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.5	125.3
192	17.4	14.3	21.5

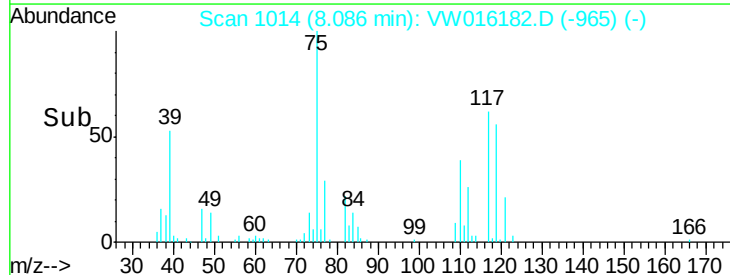
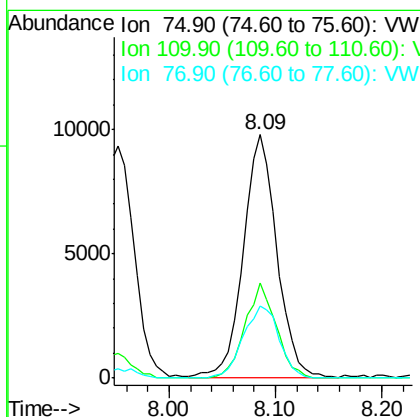
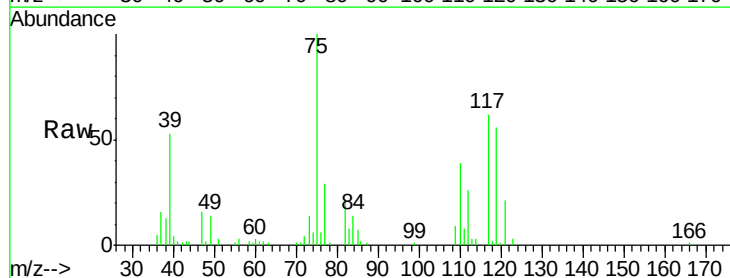
Manual Integrations
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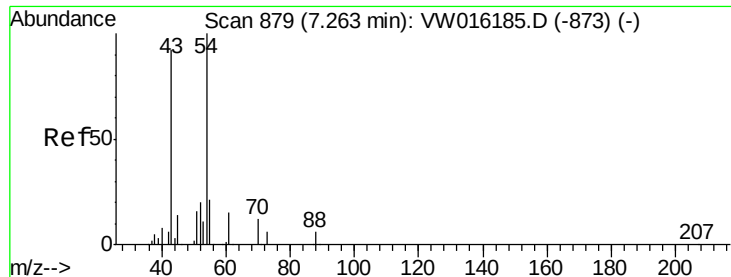
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#36
 1,1-Dichloropropene
 Concen: 4.969 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.1	54.3
77	31.5	24.7	37.1





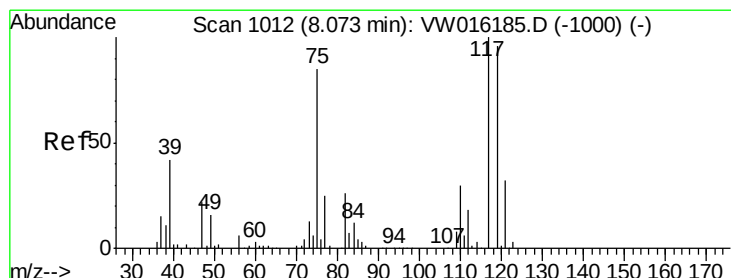
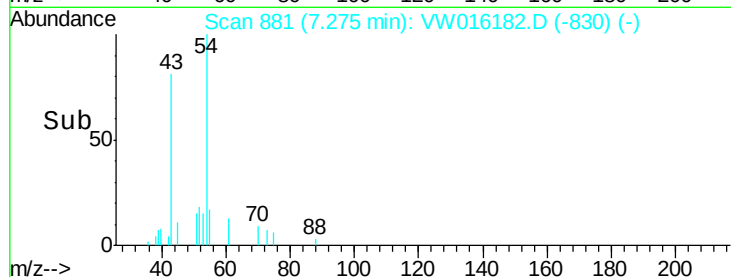
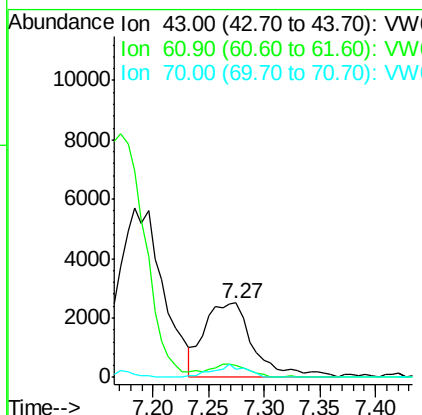
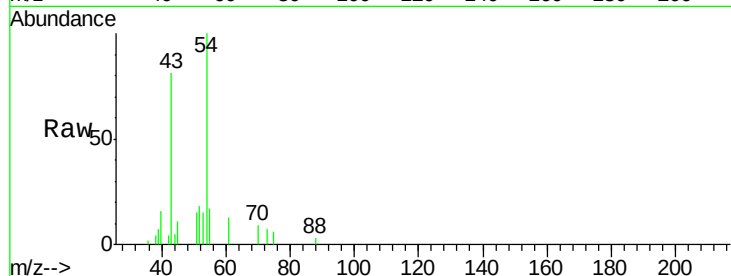
#37
Ethyl Acetate
Concen: 4.545 ug/l
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion:	43	Resp:	7705
Ion	Ratio	Lower	Upper
43	100		
61	12.8	12.6	18.8
70	11.6	9.8	14.8

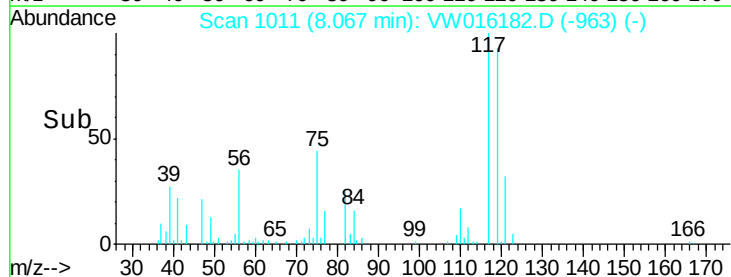
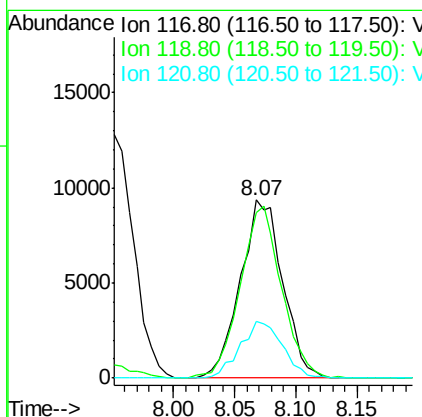
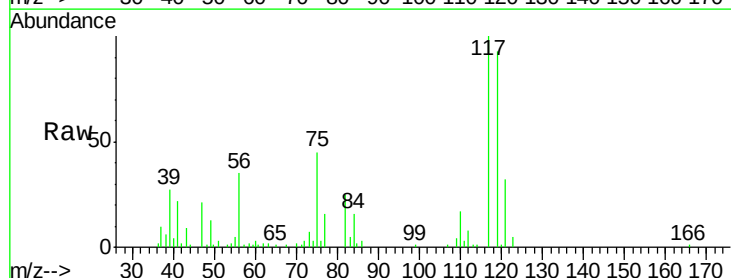
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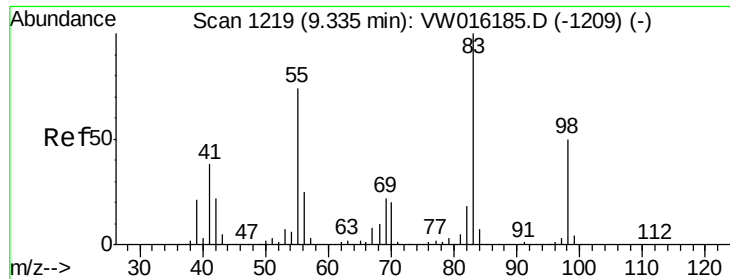
MMDadoda
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#38
Carbon Tetrachloride
Concen: 5.313 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion:	117	Resp:	22599
Ion	Ratio	Lower	Upper
117	100		
119	92.9	76.6	115.0
121	31.5	25.4	38.0





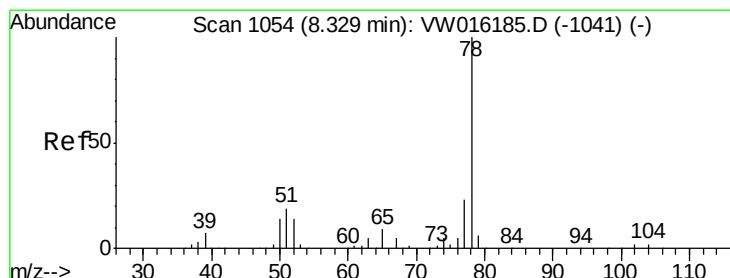
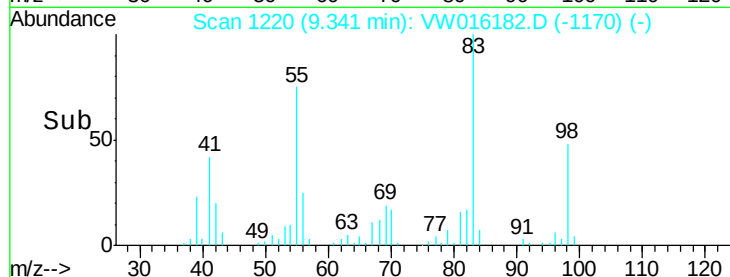
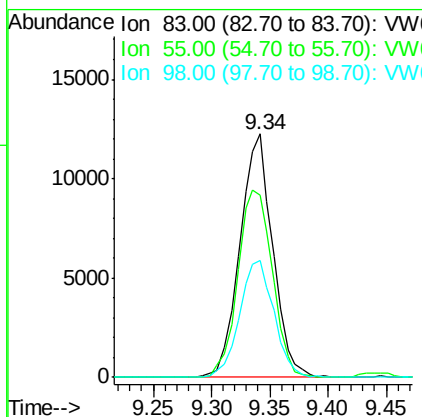
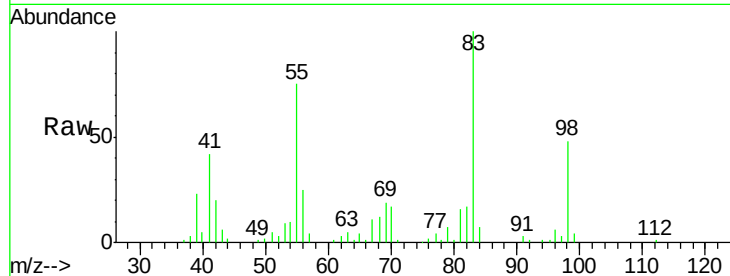
#39
Methylvlcyclohexane
Concen: 4.631 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	24008
Ion Ratio	Lower	Upper	
83	100		
55	74.7	59.2	88.8
98	48.0	40.2	60.2

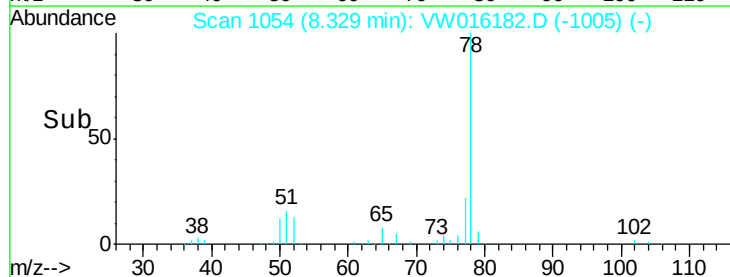
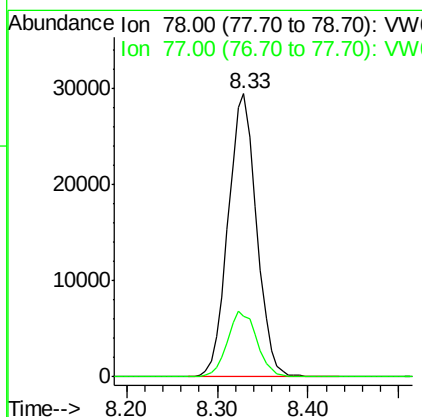
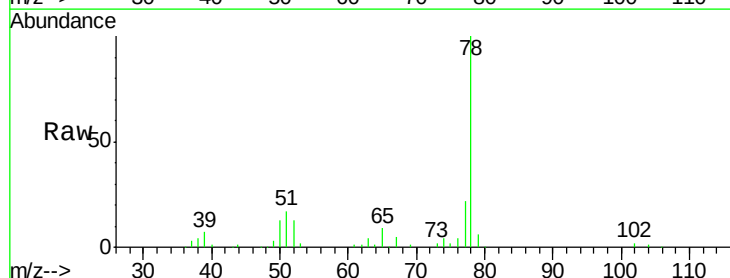
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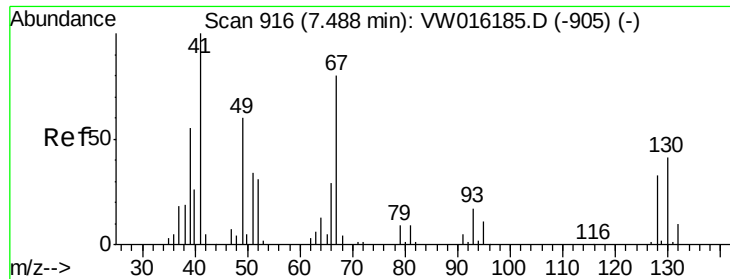
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#40
Benzene
Concen: 5.313 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion	78	Resp	63977
Ion Ratio	Lower	Upper	
78	100		
77	21.7	18.6	28.0





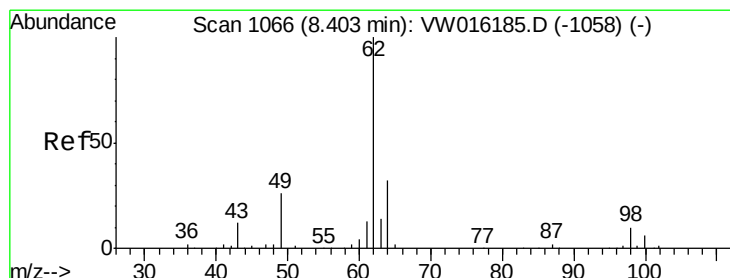
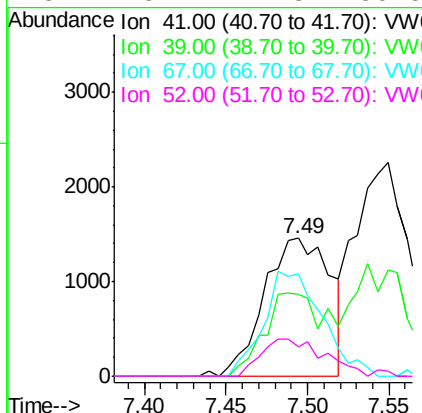
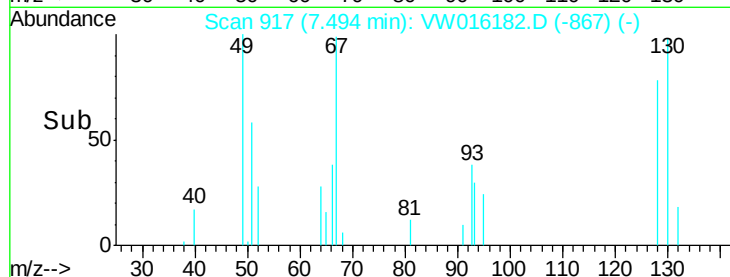
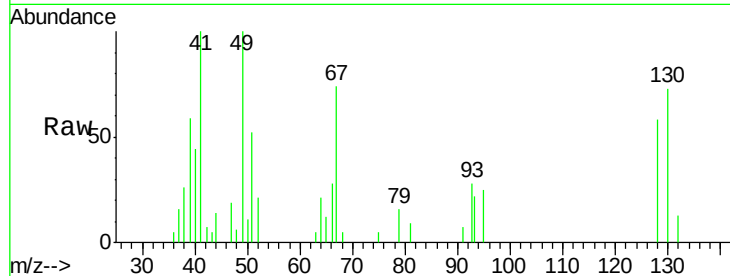
#41
Methacrylonitrile
Concen: 4.268 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	4103
Ion	Ratio	Lower	Upper
41	100		
39	45.3	43.4	65.2
67	67.2	61.5	92.3
52	25.7	24.3	36.5

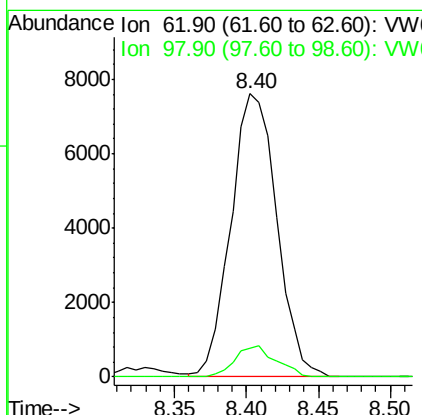
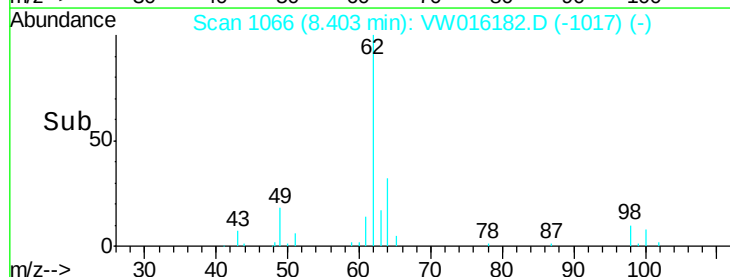
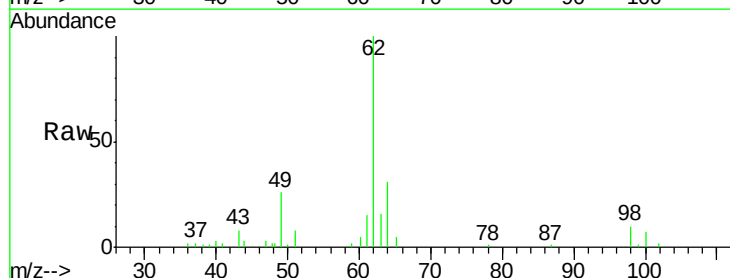
Manual Integrations
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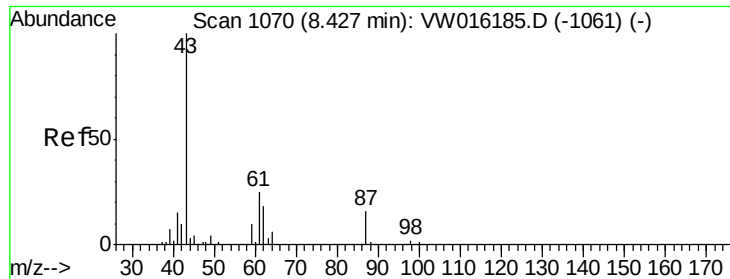
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#42
1,2-Dichloroethane
Concen: 4.604 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion:	62	Resp:	16871
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.8





#43

Isopropyl Acetate

Concen: 4.076 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_W

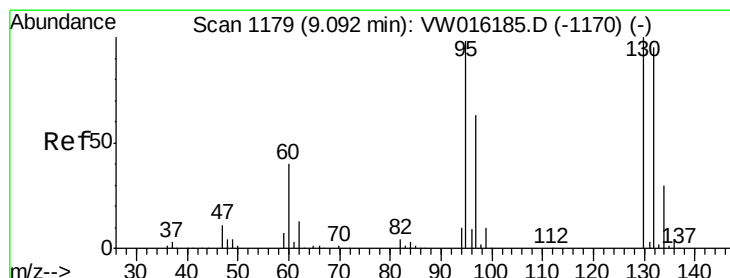
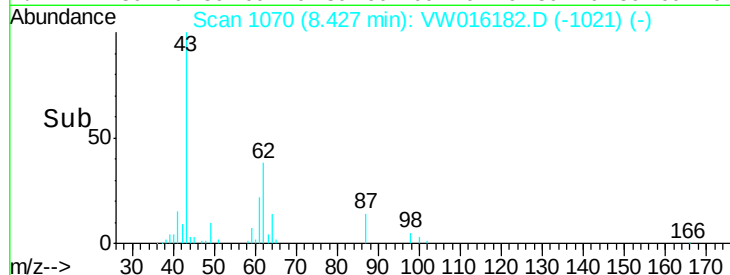
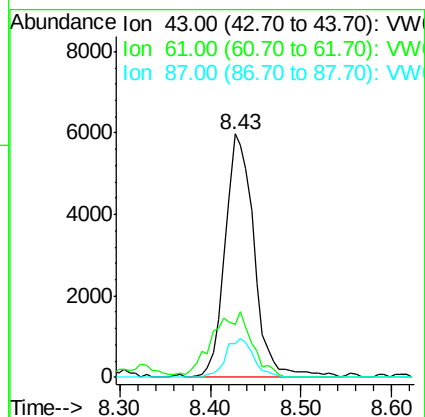
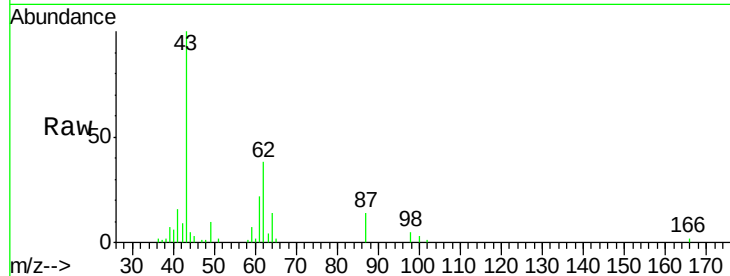
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	13338
Ion	Ratio	Lower	Upper
43	100		
61	37.2	26.9	40.3
87	15.1	12.0	18.0

Manual Integrations
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#44

Trichloroethene

Concen: 6.040 ug/l

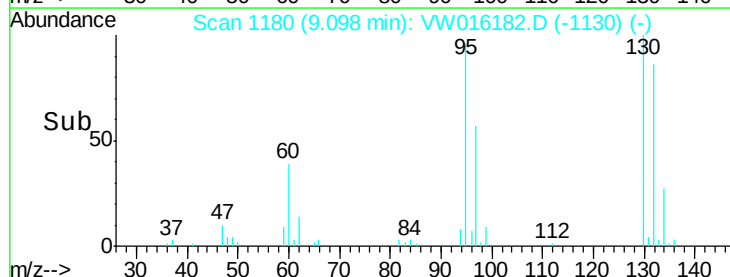
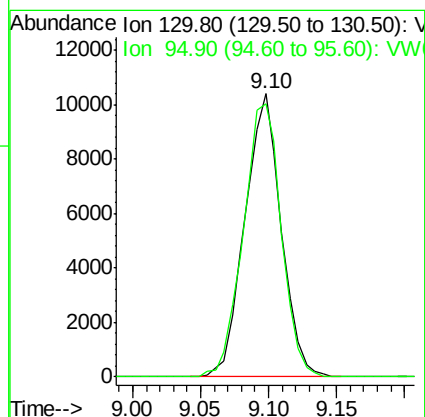
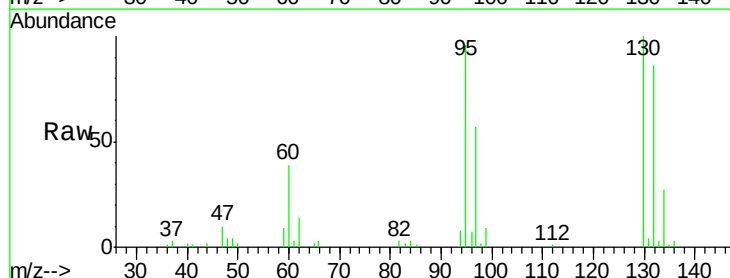
RT: 9.10 min Scan# 1180

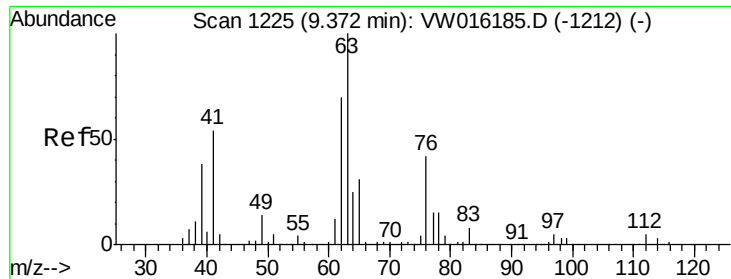
Delta R.T. 0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Tgt Ion:	130	Resp:	19385
Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	196.4





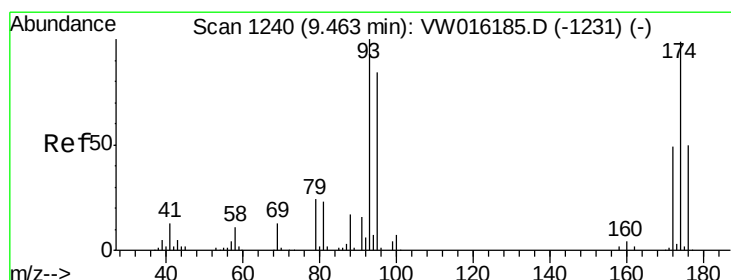
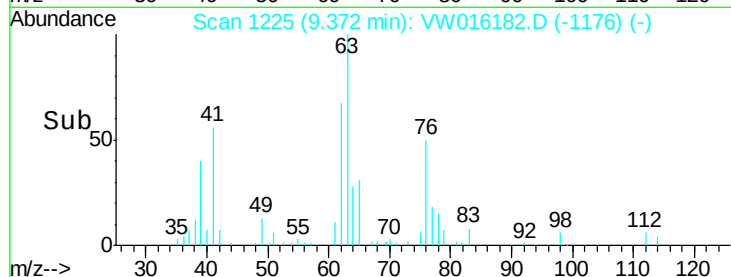
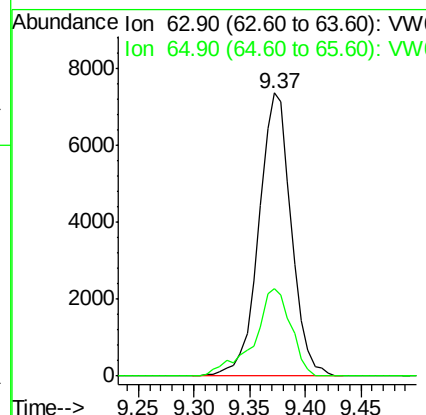
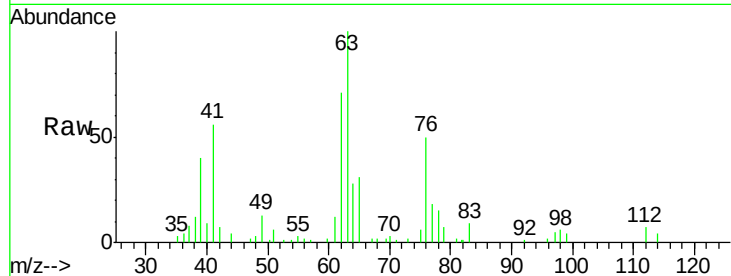
#45
 1,2-Dichloropropane
 Concen: 5.060 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion: 63 Resp: 14907
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.6

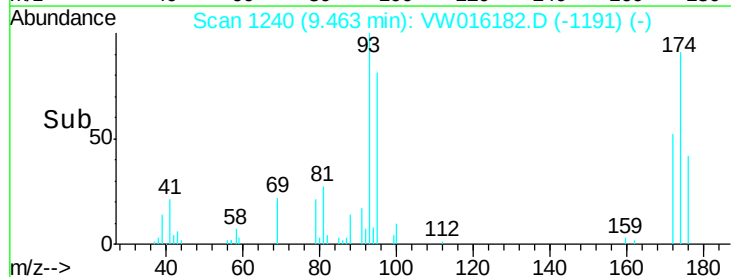
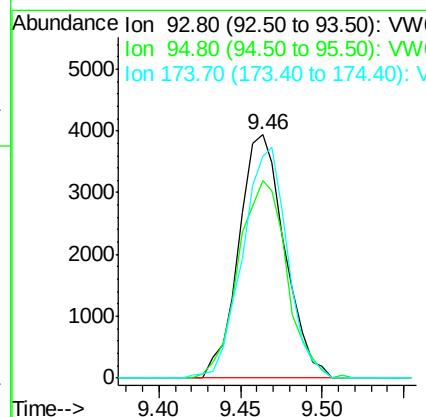
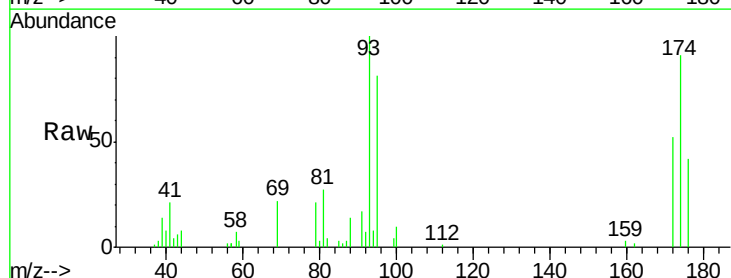
Manual Integrations
 APPROVED

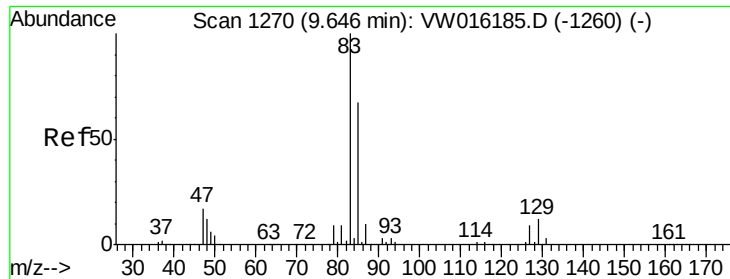
MMDadoda
 8/17/2020 5:46:23 PM



#46
 Dibromomethane
 Concen: 5.030 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion: 93 Resp: 7676
 Ion Ratio Lower Upper
 93 100
 95 85.7 65.9 98.9
 174 93.0 77.0 115.6





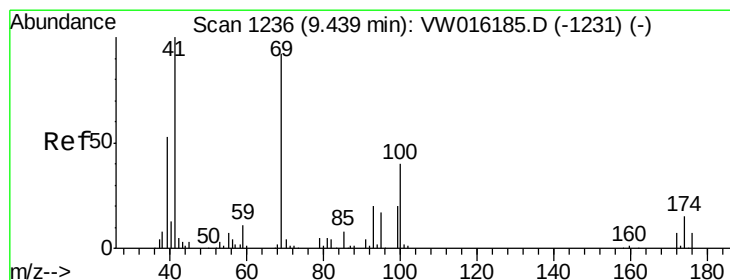
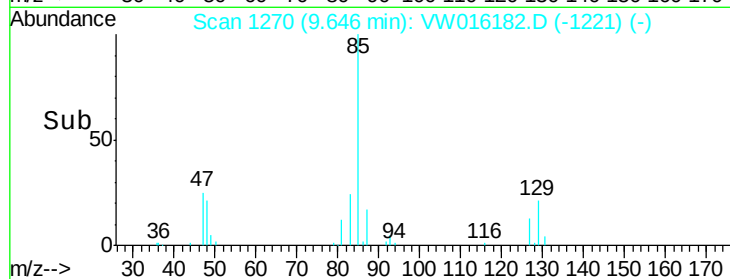
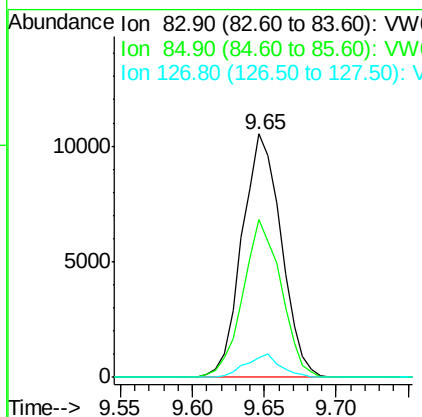
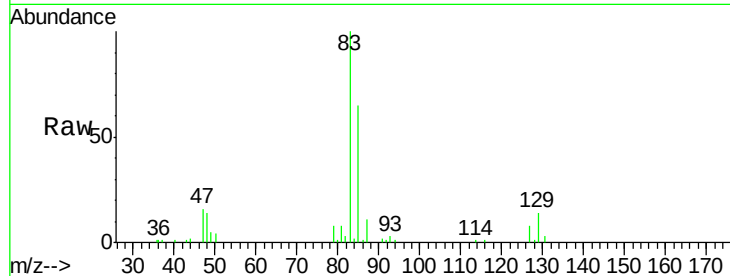
#47
Bromodichloromethane
Concen: 5.053 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	83	Resp	19825
Ion Ratio	100	Lower	Upper
83	100		
85	64.7	53.3	79.9
127	8.1	7.4	11.2

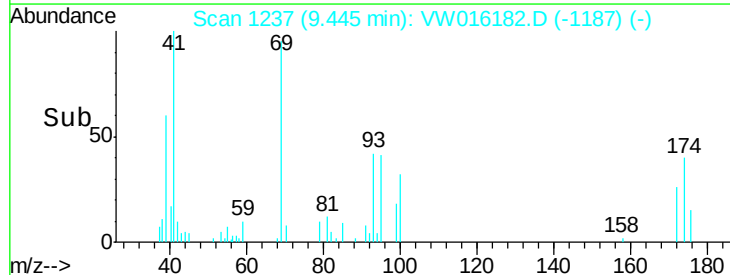
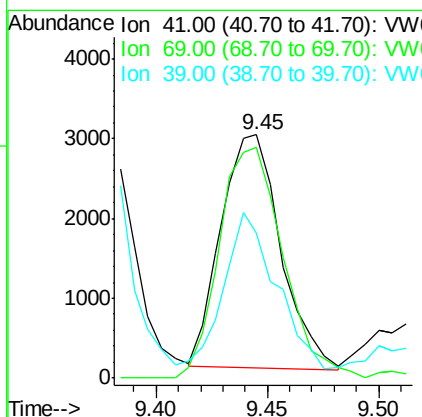
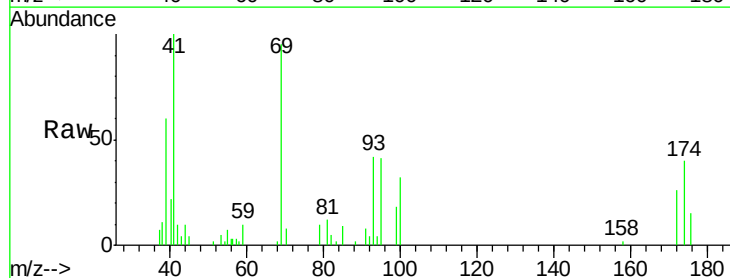
Manual Integrations
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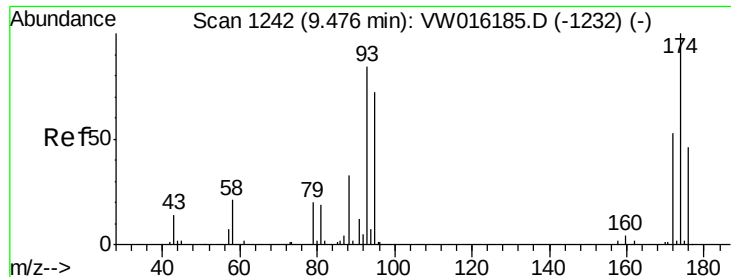
MMDadoda
8/17/2020 5:46:23 PM



#48
Methyl methacrylate
Concen: 3.666 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion	41	Resp	5482
Ion Ratio	100	Lower	Upper
41	100		
69	105.2	77.4	116.0
39	67.5	42.2	63.2#





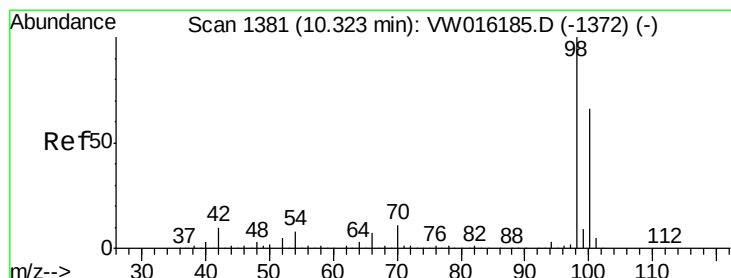
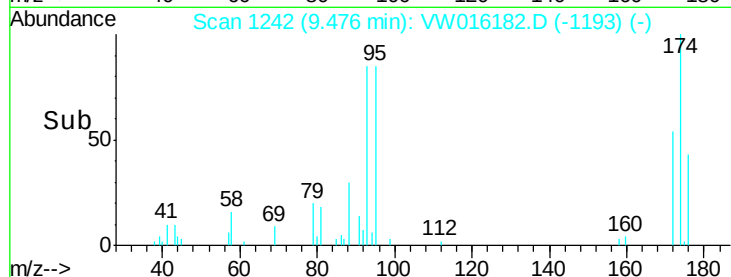
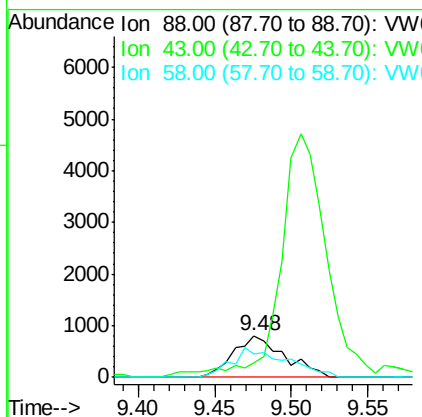
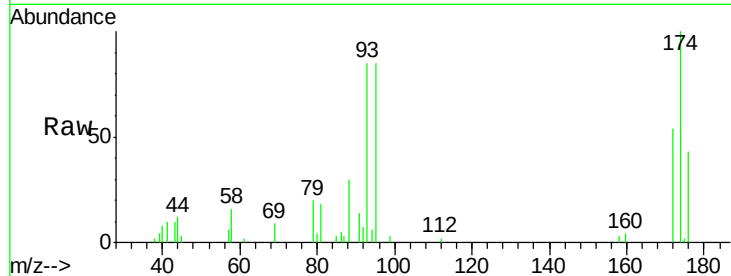
#49
1,4-Dioxane
Concen: 97.205 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	77.6	56.6	84.8

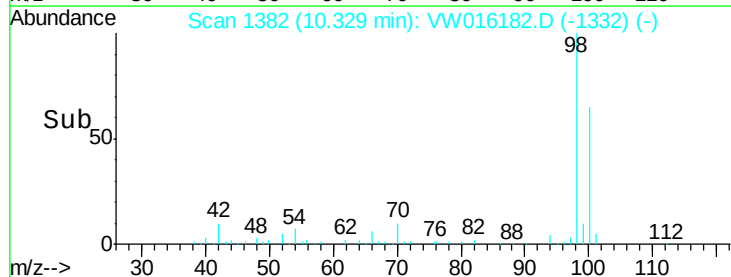
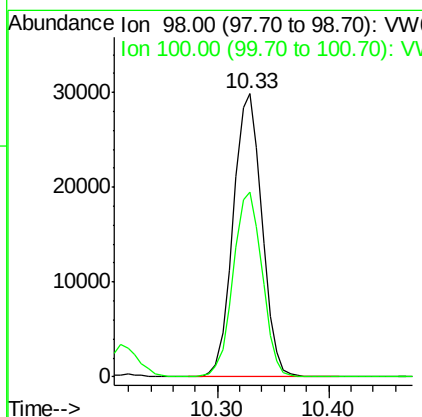
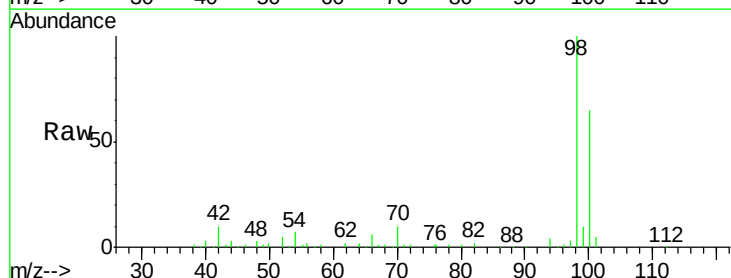
Manual Integrations
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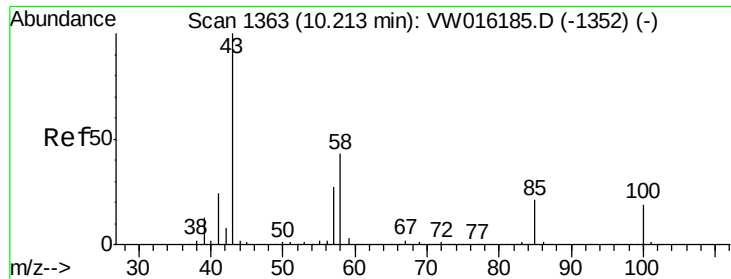
MMDadoda
8/17/2020 5:46:23 PM



#50
Toluene-d8
Concen: 5.165 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 20.117 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 32254

Ion Ratio Lower Upper

43 100

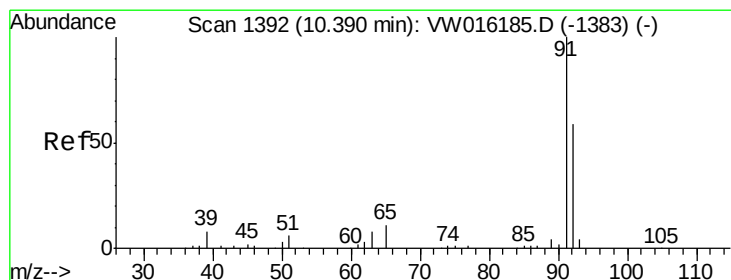
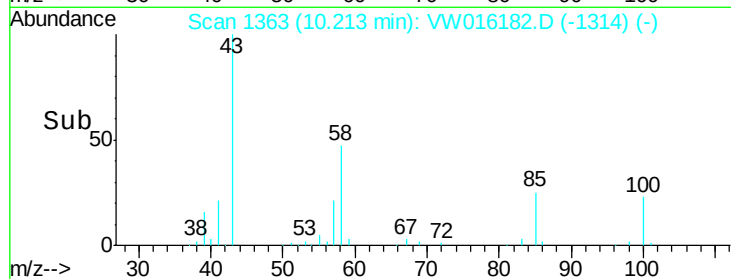
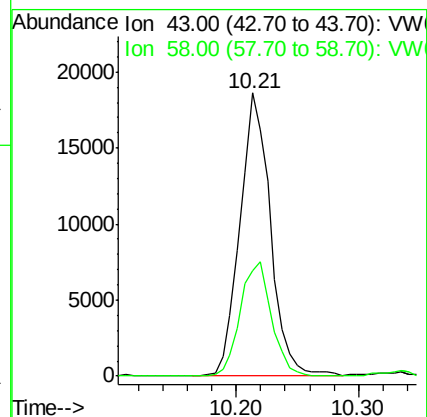
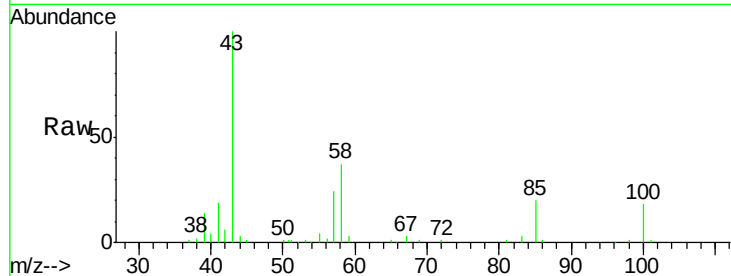
58 41.2 33.7 50.5

Manual Integrations

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MMDadoda

8/17/2020 5:46:23 PM



#52

Toluene

Concen: 5.033 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016182.D

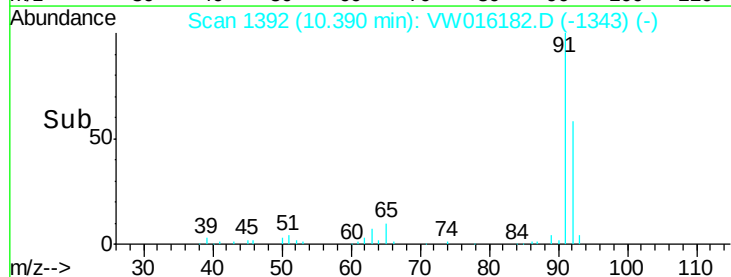
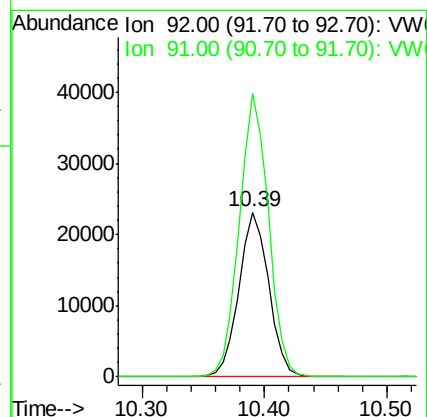
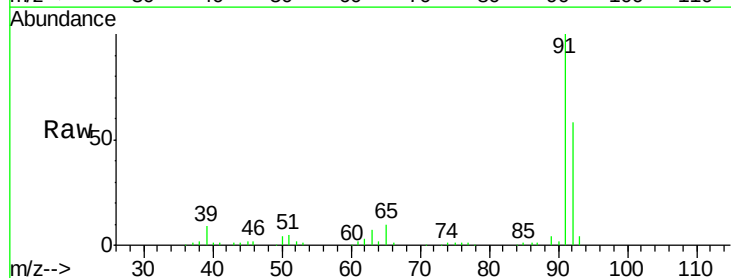
Acq: 14 Aug 2020 09:50

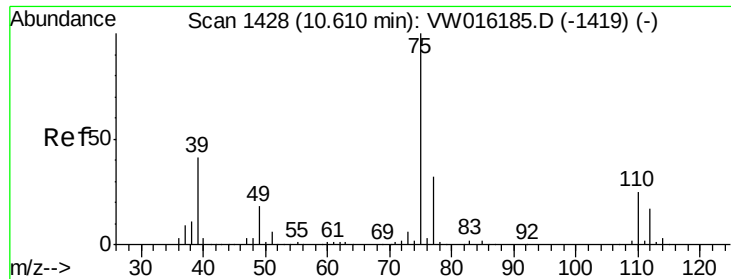
Tgt Ion: 92 Resp: 39071

Ion Ratio Lower Upper

92 100

91 168.3 133.3 199.9





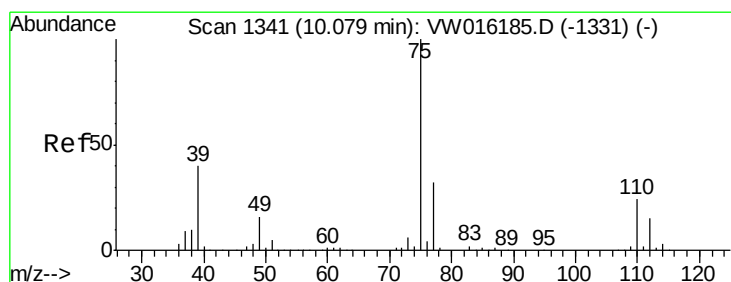
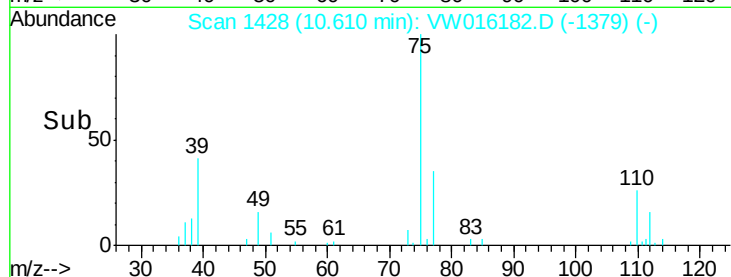
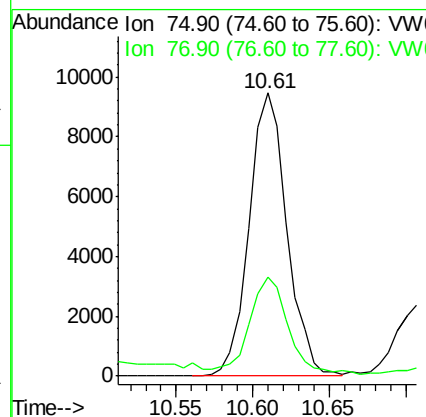
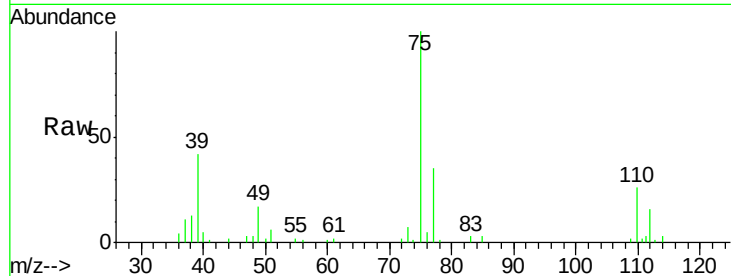
#53
 t-1,3-Dichloropropene
 Concen: 4.335 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion: 75 Resp: 16274
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.6 38.4

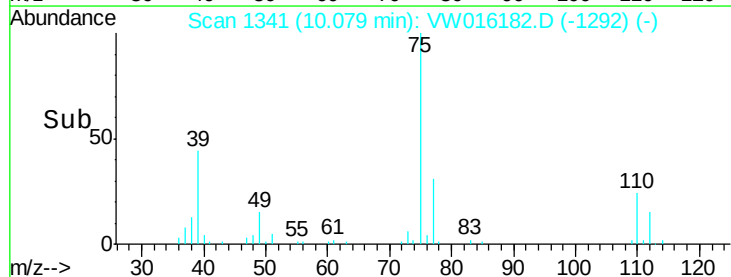
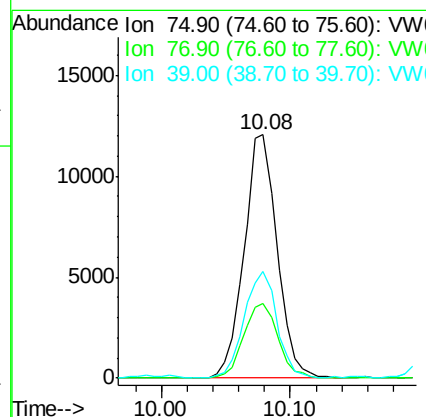
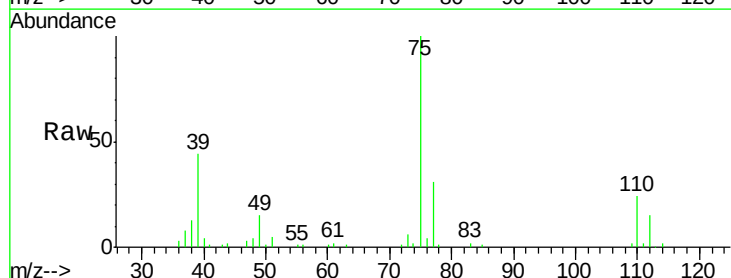
Manual Integrations
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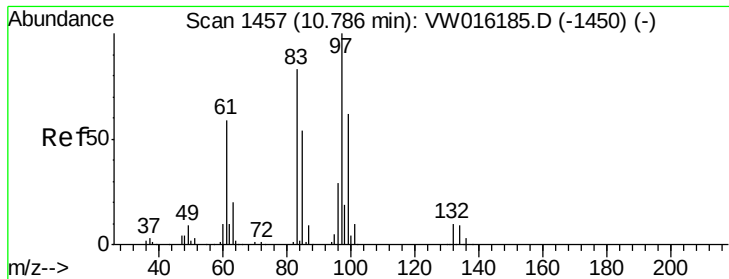
MMDadoda
 8/17/2020 5:46:23 PM



#54
 cis-1,3-Dichloropropene
 Concen: 4.716 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion: 75 Resp: 21317
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9
 39 44.0 32.3 48.5





#55

1,1,2-Trichloroethane

Concen: 5.416 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_W

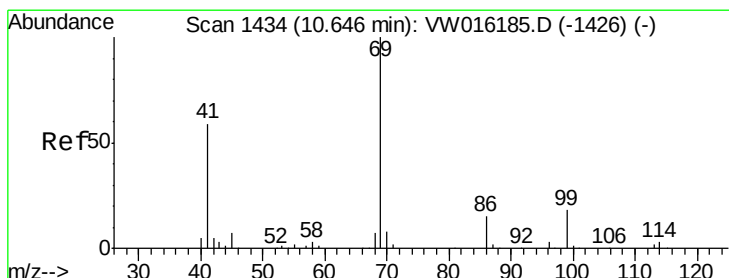
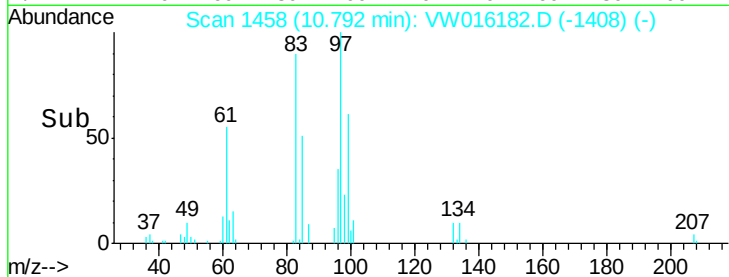
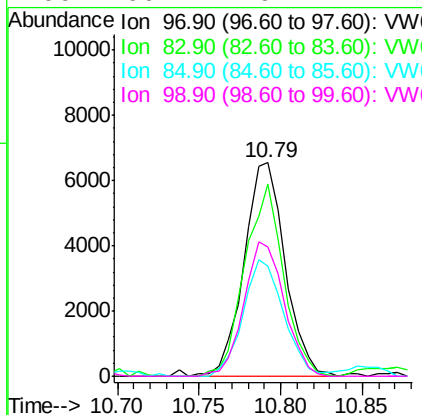
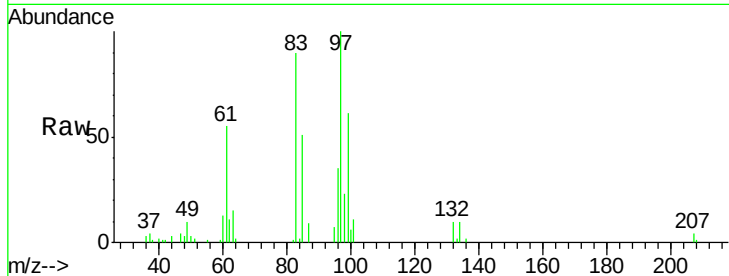
ClientSampleId :

VSTDIC005

Tot Ion:	97	Resp:	11469
Ion	Ratio	Lower	Upper
97	100		
83	89.7	66.6	100.0
85	51.4	43.0	64.4
99	60.7	49.4	74.2

Manual Integrations
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#56

Ethyl methacrylate

Concen: 3.818 ug/l

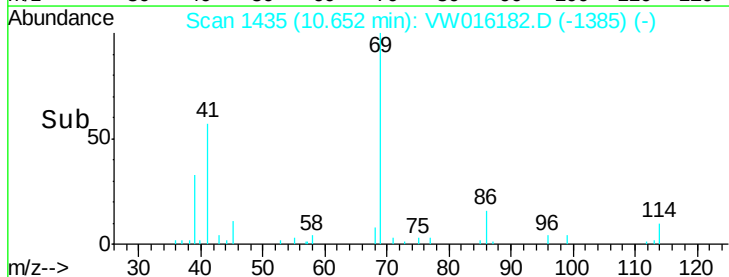
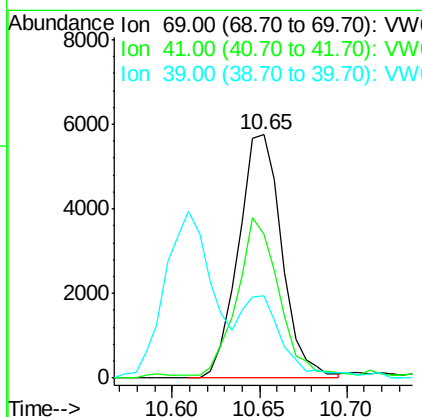
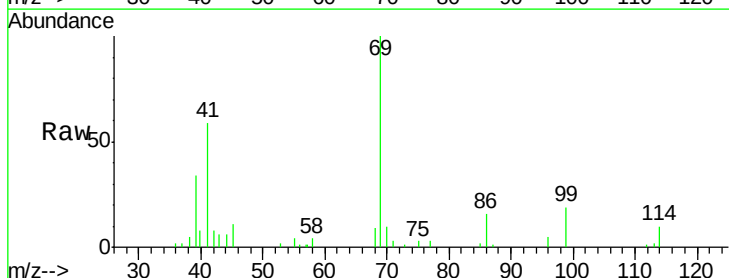
RT: 10.65 min Scan# 1435

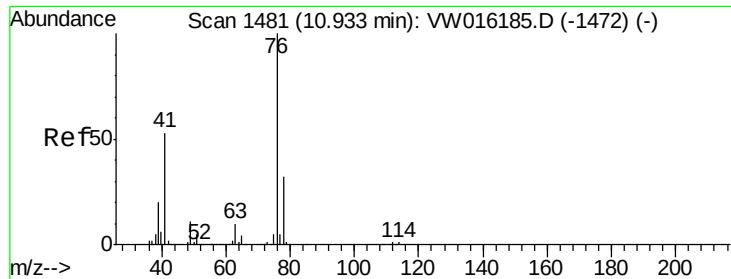
Delta R.T. 0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Tgt Ion:	69	Resp:	9938
Ion	Ratio	Lower	Upper
69	100		
41	61.6	47.6	71.4
39	33.4	24.6	36.8





#57

1,3-Dichloropropane

Concen: 5.009 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 18754

Ion Ratio Lower Upper

76 100

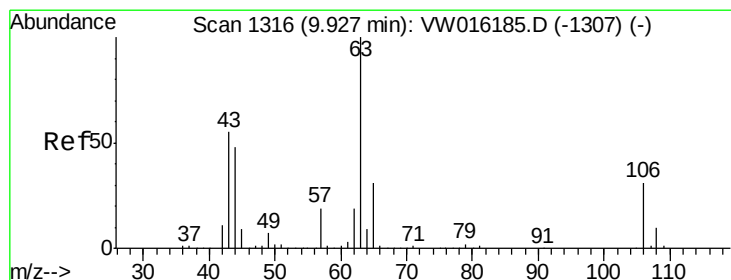
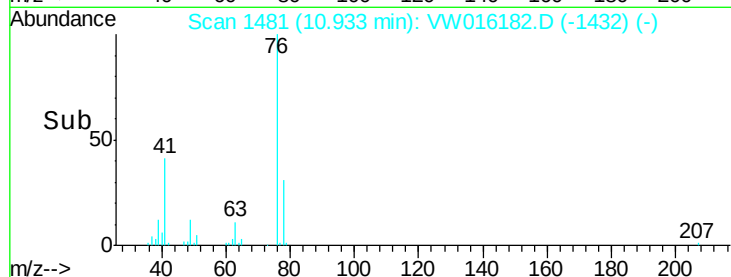
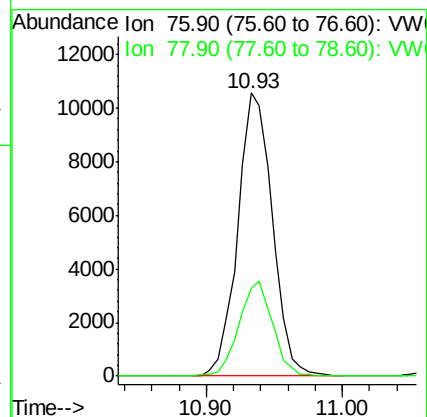
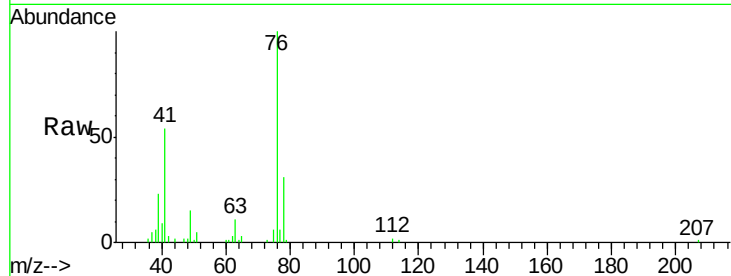
78 32.3 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 19.533 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW016182.D

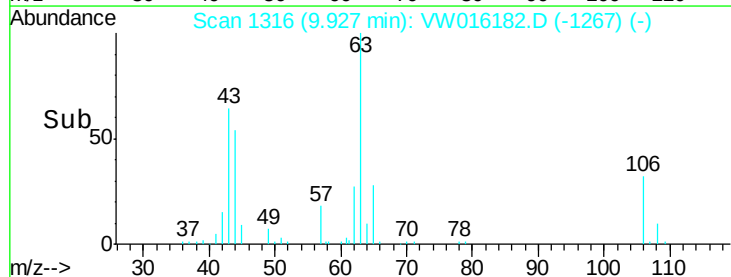
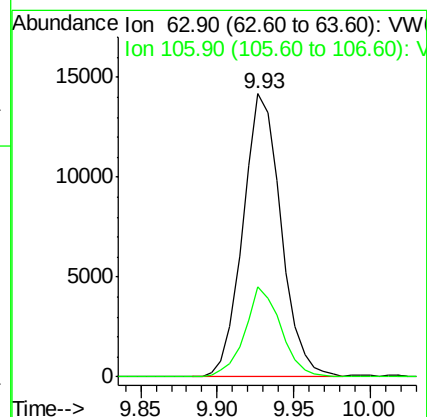
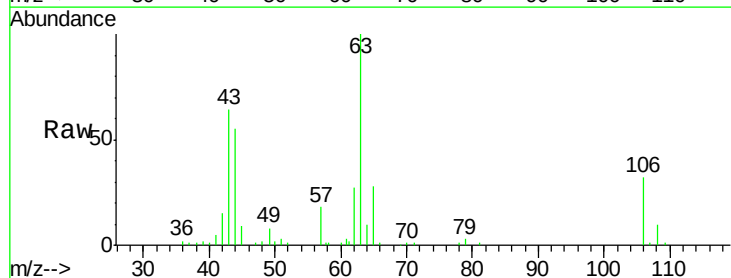
Acq: 14 Aug 2020 09:50

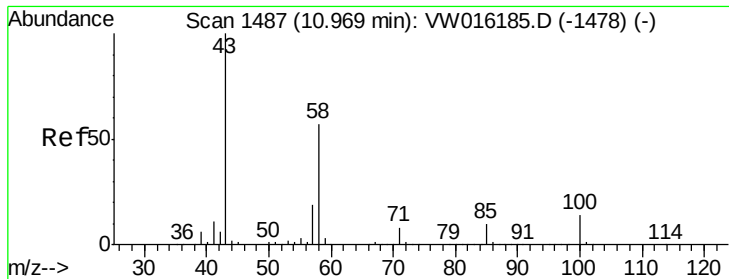
Tgt Ion: 63 Resp: 24558

Ion Ratio Lower Upper

63 100

106 30.3 24.9 37.3





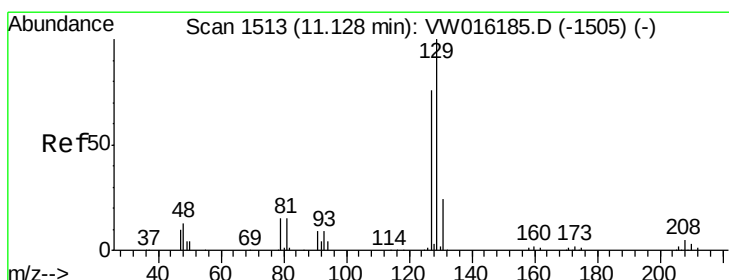
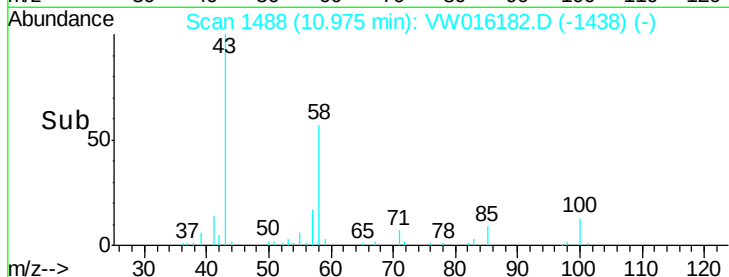
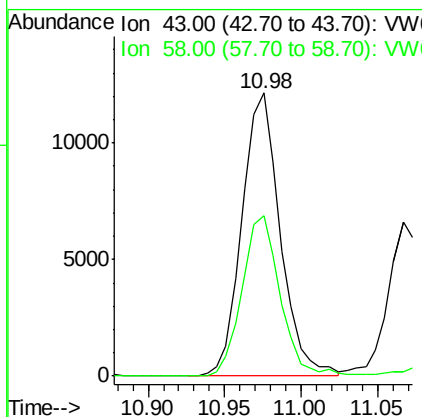
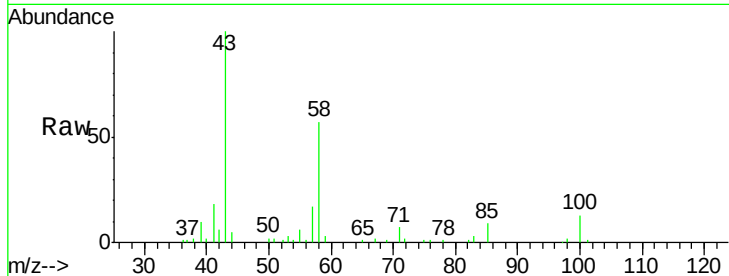
#59
2-Hexanone
Concen: 19.718 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 21153
Ion Ratio Lower Upper
43 100
58 56.3 28.8 86.5

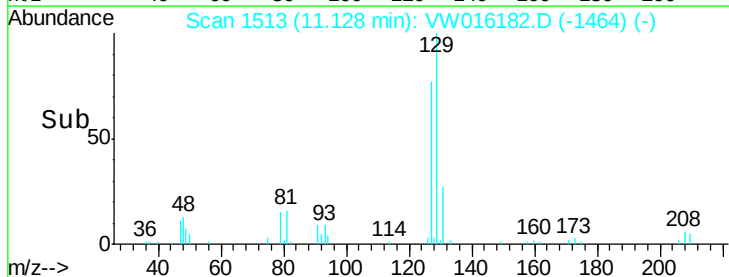
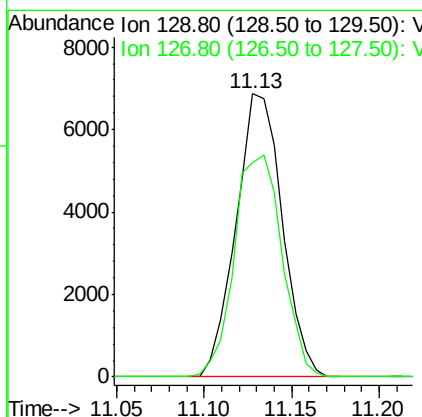
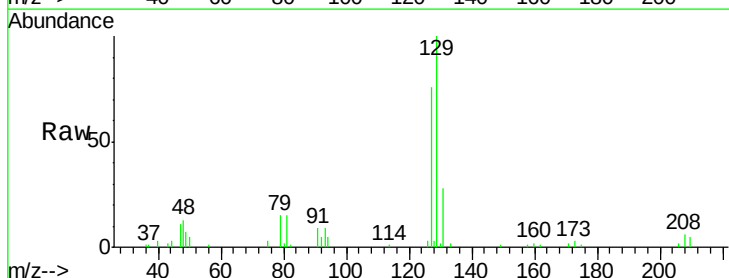
Manual Integrations
APPROVED

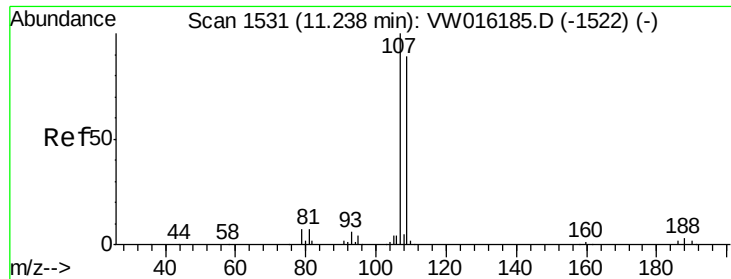
MMDadoda
8/17/2020 5:46:23 PM



#60
Dibromochloromethane
Concen: 5.121 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion: 129 Resp: 12630
Ion Ratio Lower Upper
129 100
127 81.0 38.3 114.8





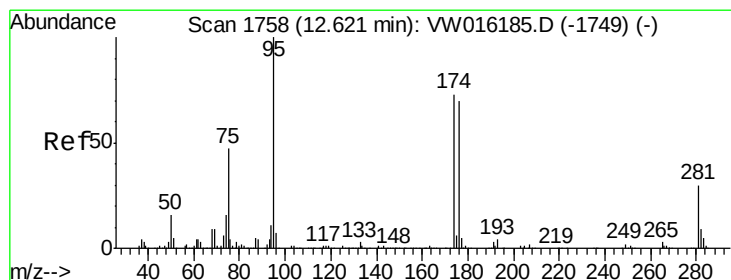
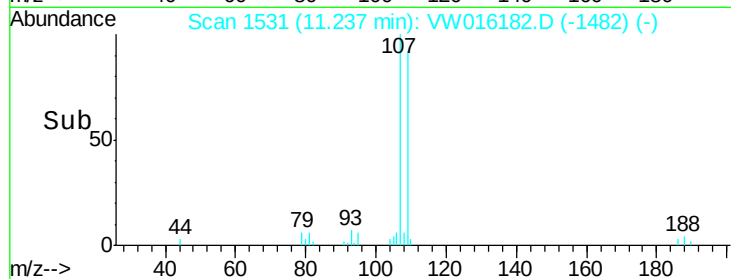
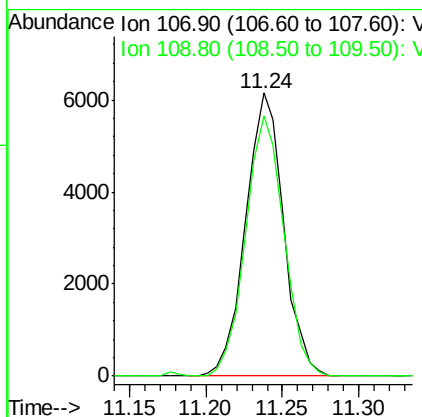
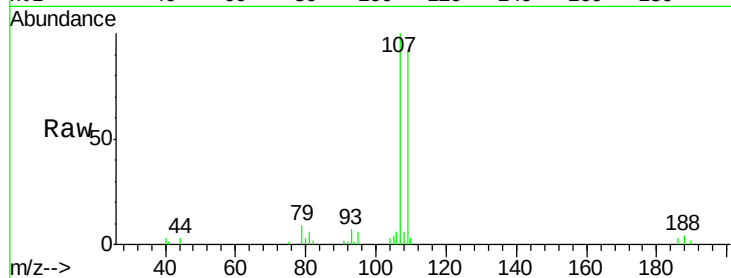
#61
 1,2-Dibromoethane
 Concen: 5.176 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.6	74.7	112.1

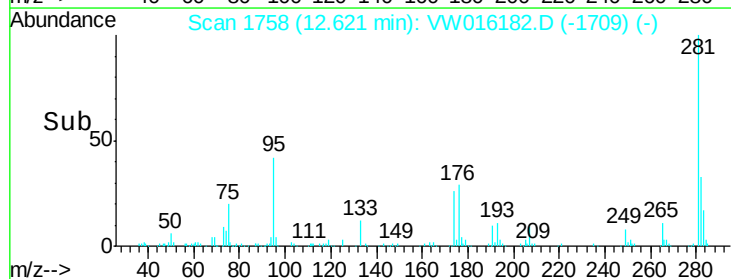
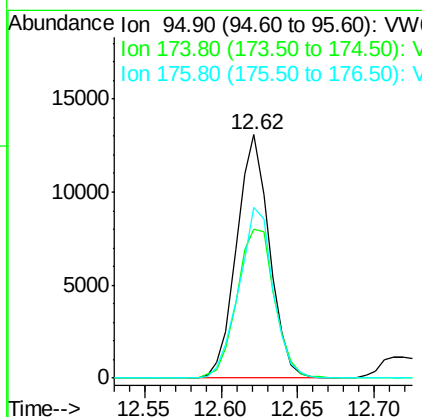
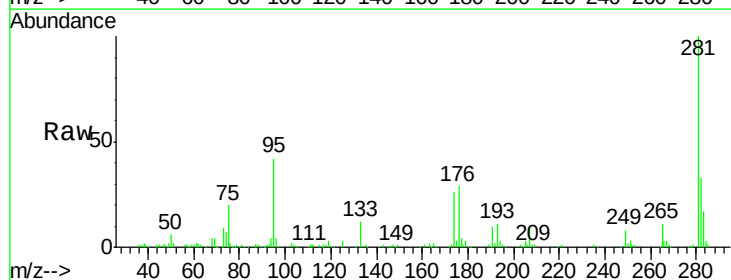
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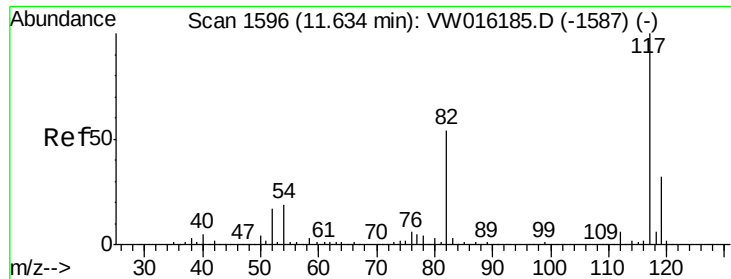
MMDadoda
 8/17/2020 5:46:23 PM



#62
 4-Bromofluorobenzene
 Concen: 5.196 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.5	0.0	145.6
176	73.2	0.0	137.8





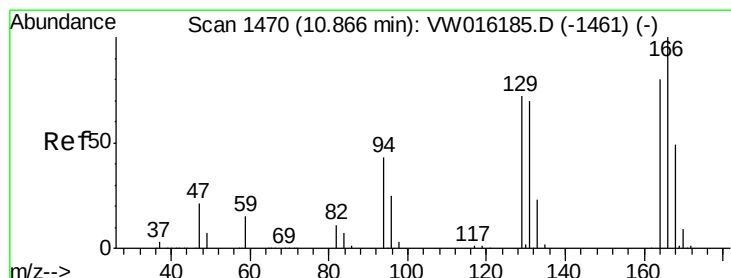
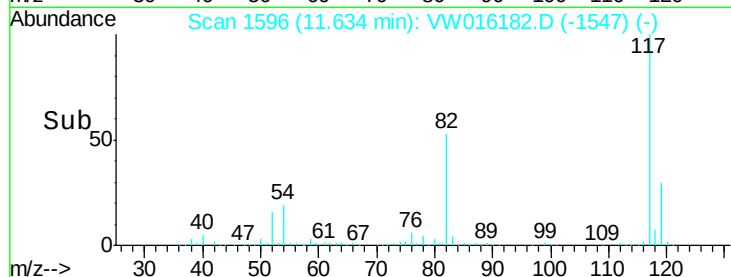
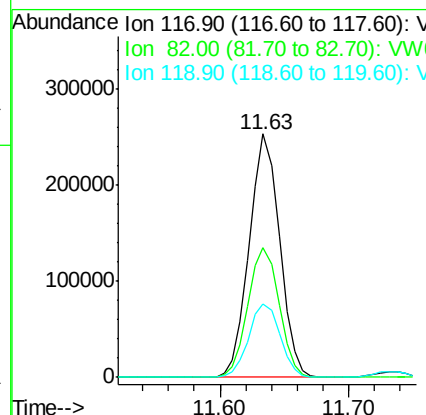
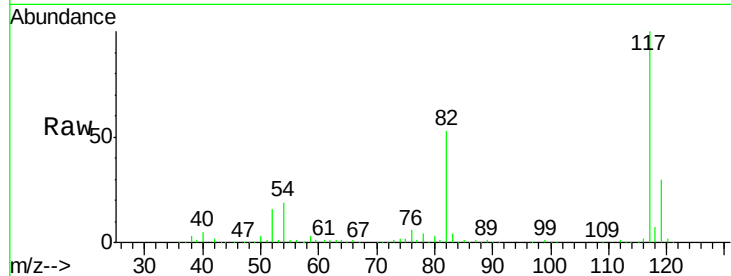
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.6	65.4
119	30.1	25.4	38.0

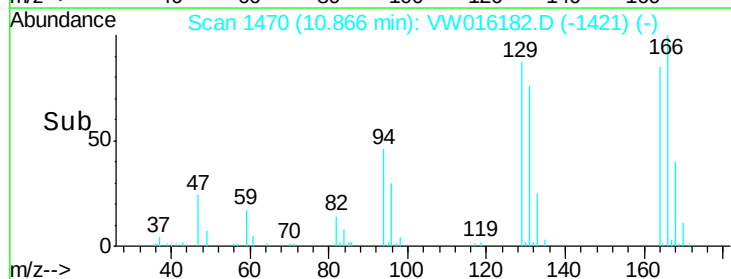
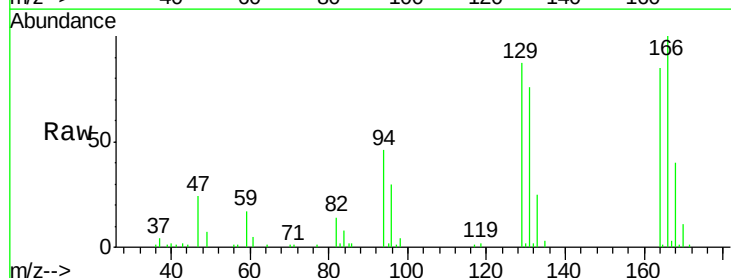
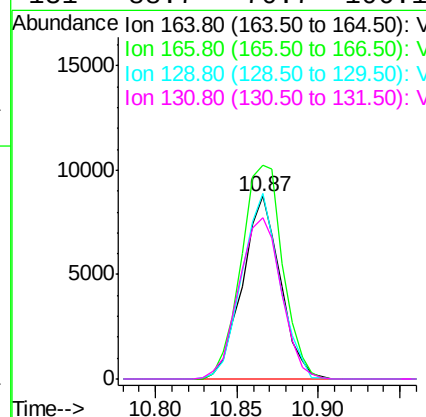
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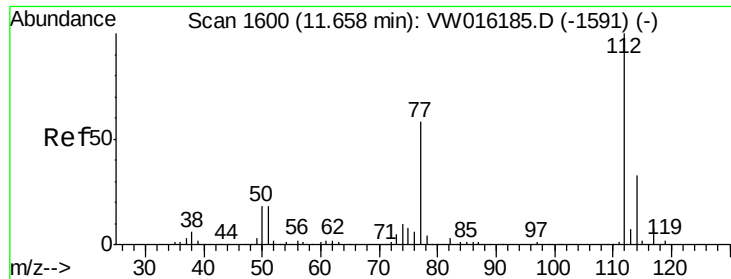
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#64
Tetrachloroethene
Concen: 5.421 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	117.0	100.3	150.5
129	101.8	72.2	108.4
131	88.7	70.7	106.1





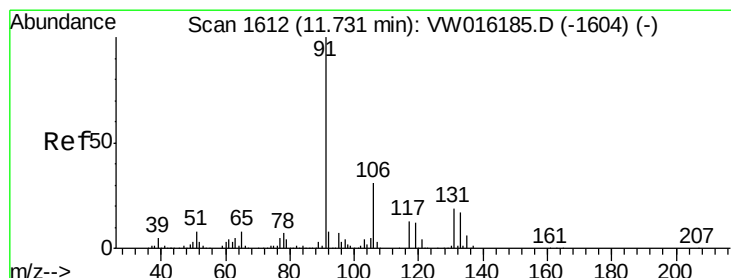
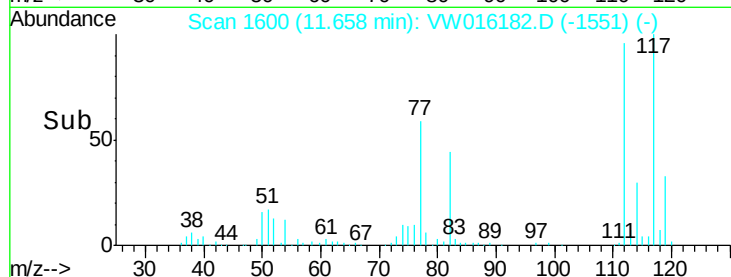
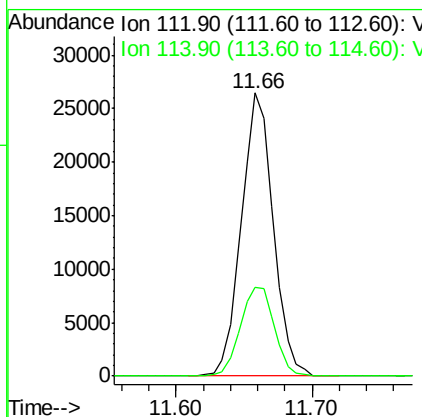
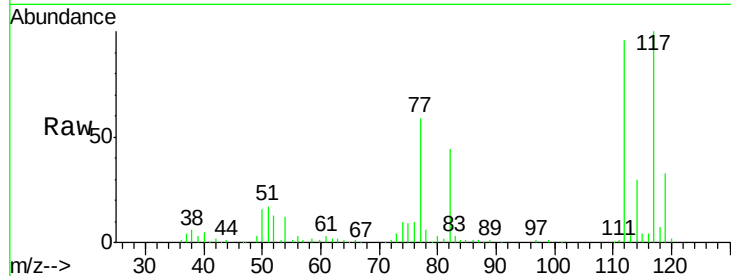
#65
Chlorobenzene
Concen: 5.395 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 43492
Ion Ratio Lower Upper
112 100
114 31.6 26.6 39.8

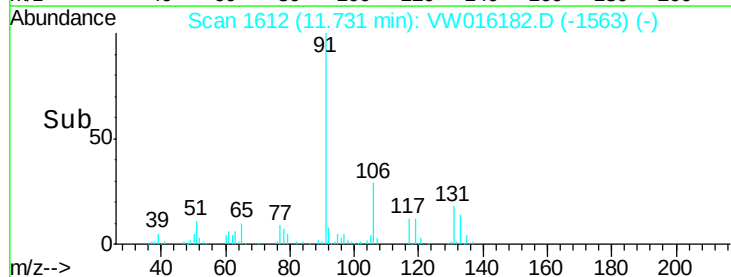
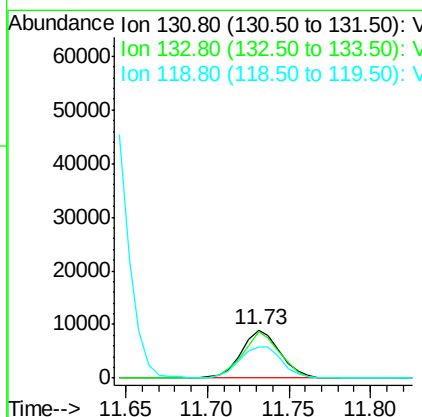
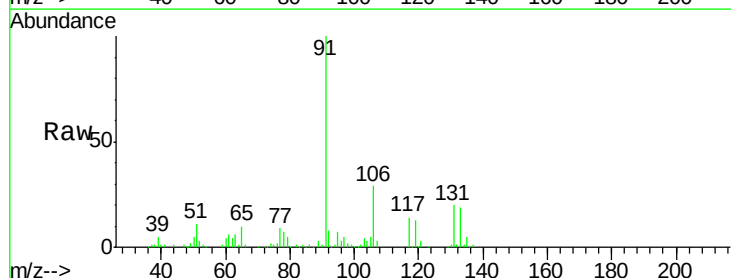
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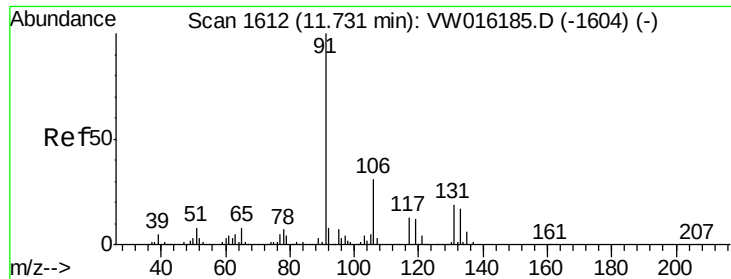
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.164 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion:131 Resp: 14719
Ion Ratio Lower Upper
131 100
133 94.0 47.1 141.3
119 71.6 33.1 99.3





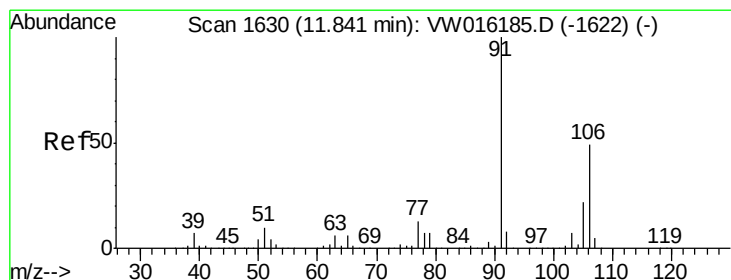
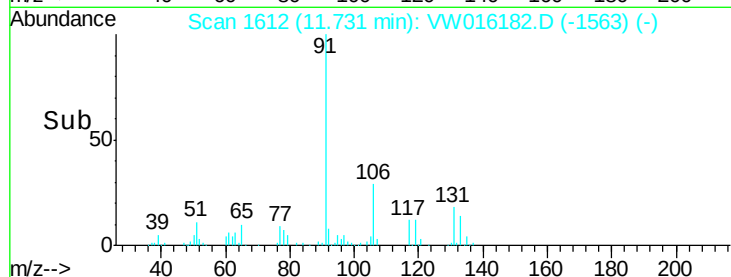
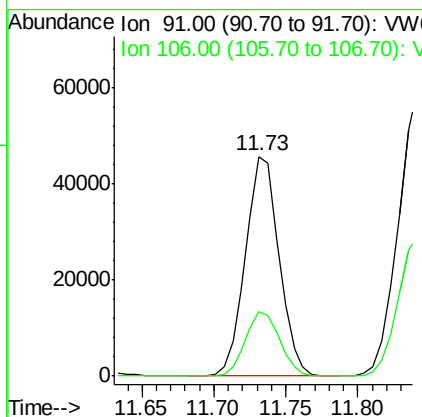
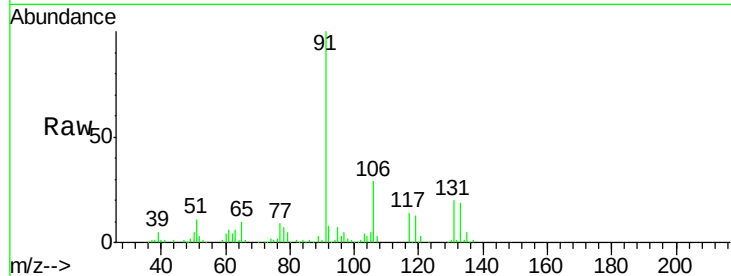
#67
Ethyl Benzene
Concen: 4.947 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 73859
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3

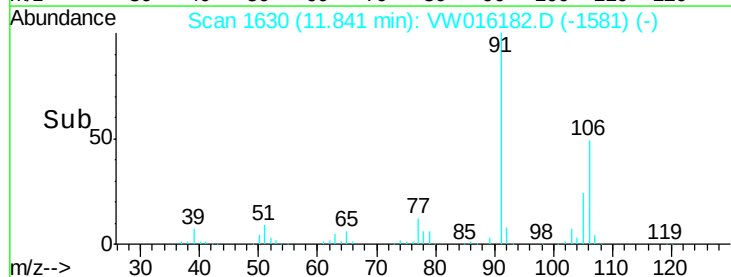
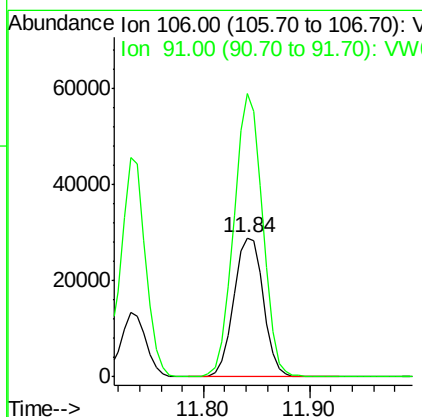
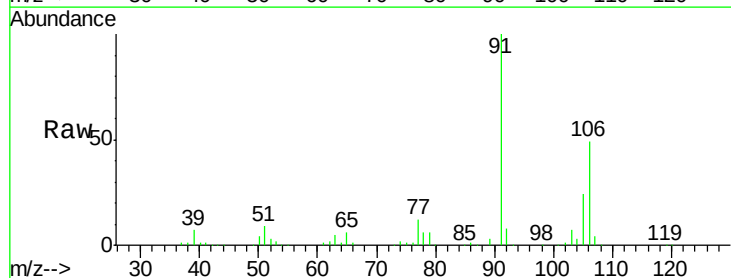
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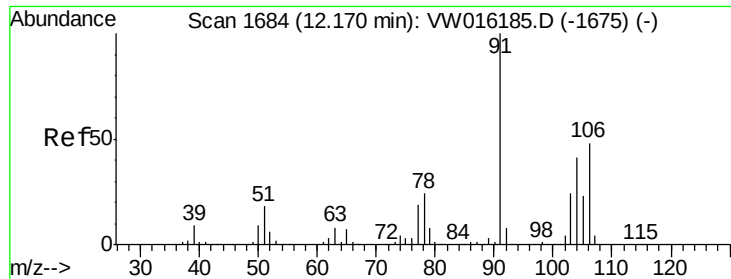
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8/17/2020 5:46:23 PM



#68
m/p-Xylenes
Concen: 10.074 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion: 106 Resp: 56497
Ion Ratio Lower Upper
106 100
91 196.7 161.4 242.2





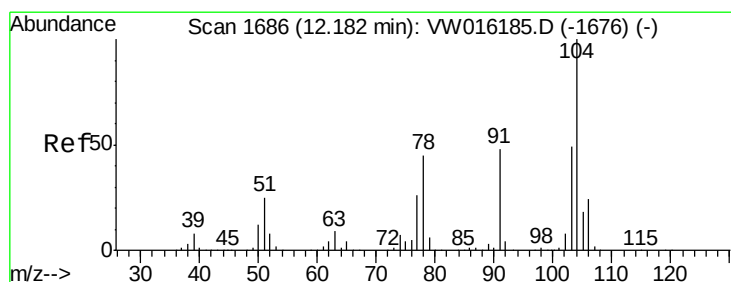
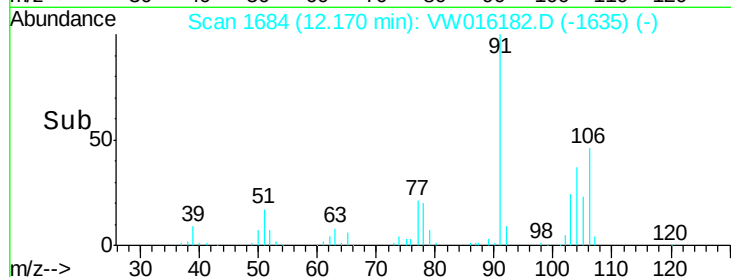
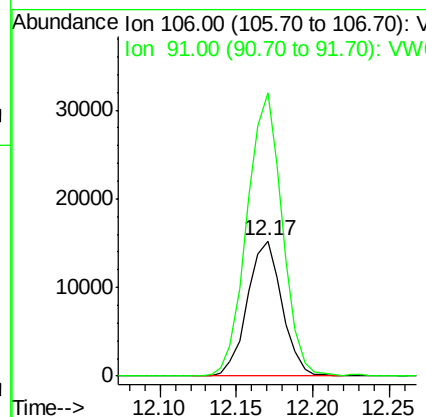
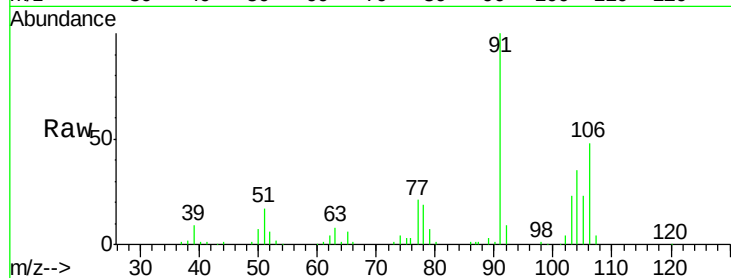
#69
o-Xylene
Concen: 4.694 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 23989
Ion Ratio Lower Upper
106 100
91 212.9 106.0 317.9

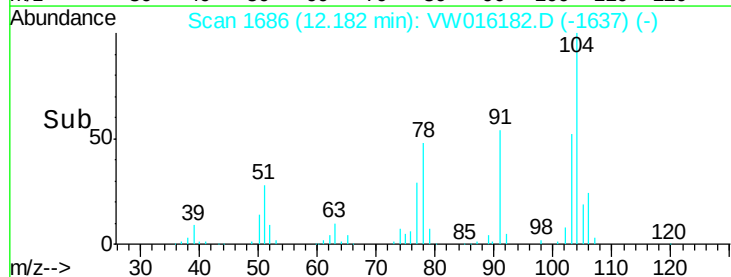
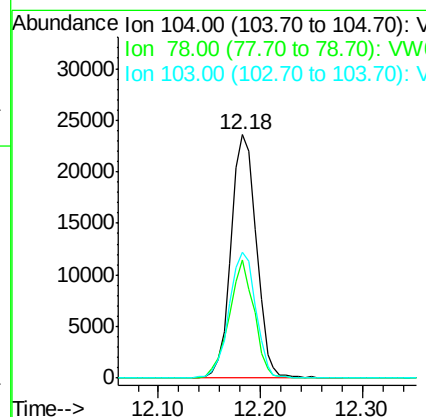
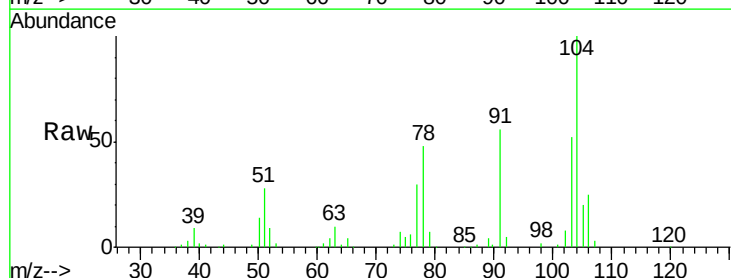
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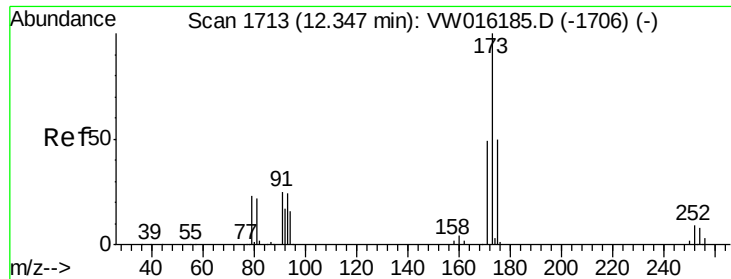
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#70
Styrene
Concen: 4.613 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion:104 Resp: 40603
Ion Ratio Lower Upper
104 100
78 47.7 39.4 59.2
103 54.5 42.9 64.3





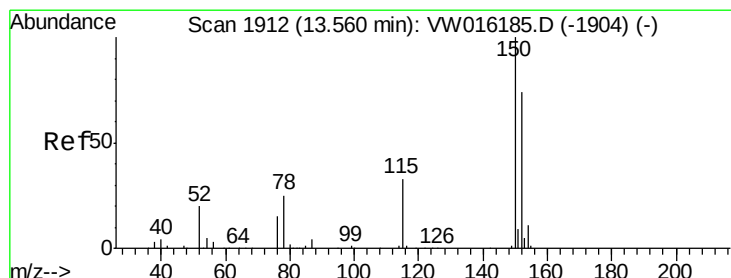
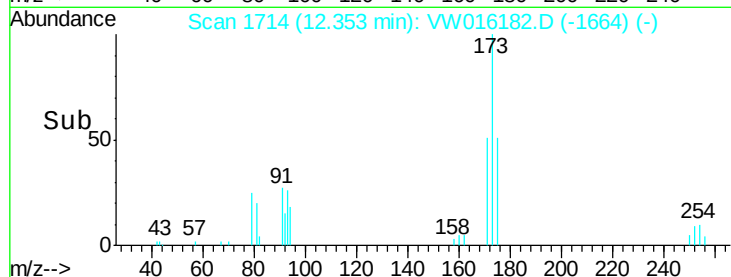
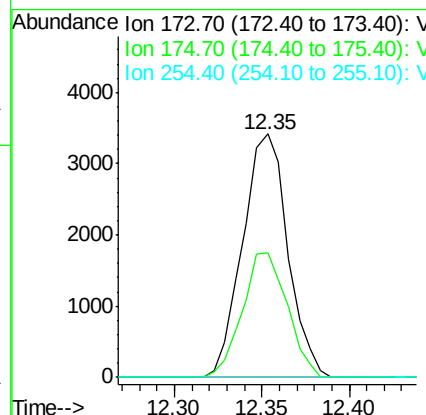
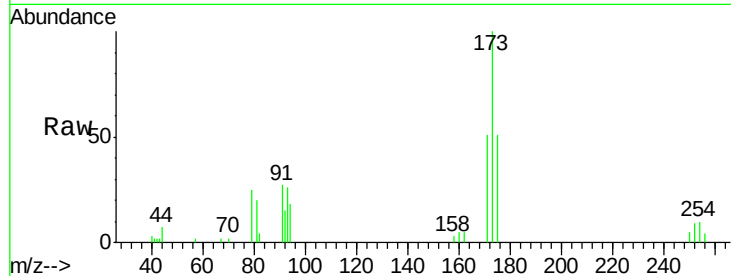
#71
Bromoform
Concen: 4.726 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.7	24.7	74.1
254	0.0	0.0	0.0

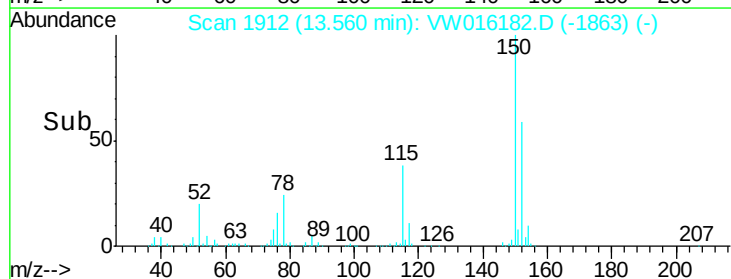
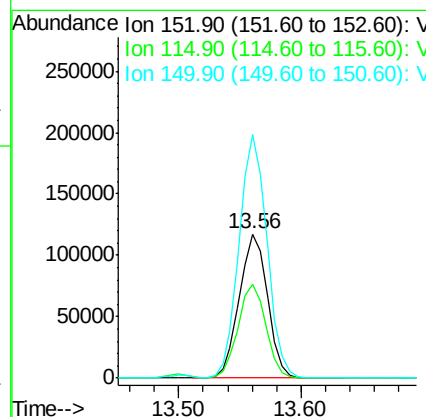
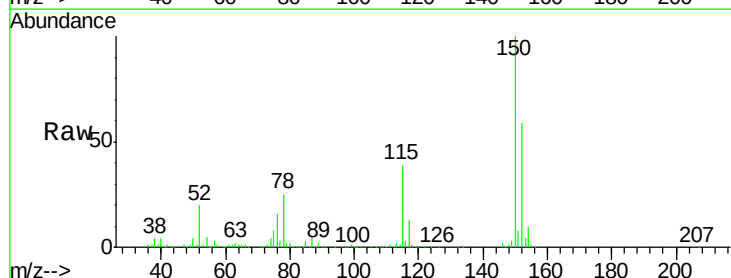
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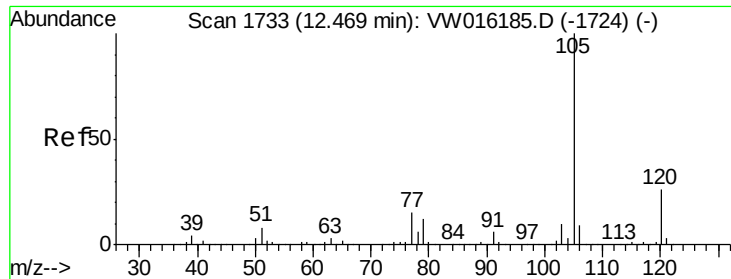
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	30.9	92.5
150	166.4	0.0	337.8





#73

Isopropylbenzene

Concen: 4.922 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 65479

Ion Ratio Lower Upper

105 100

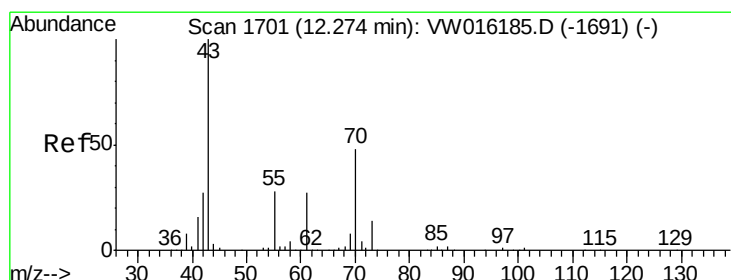
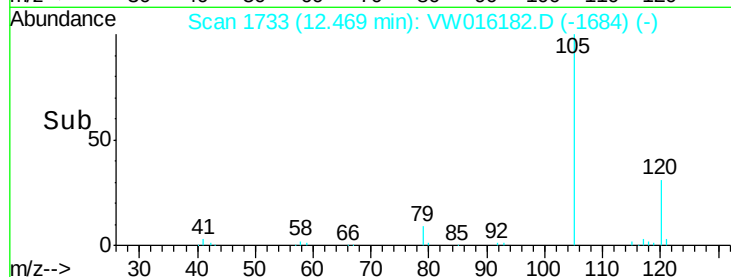
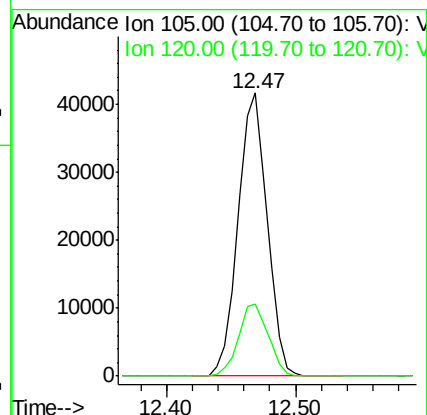
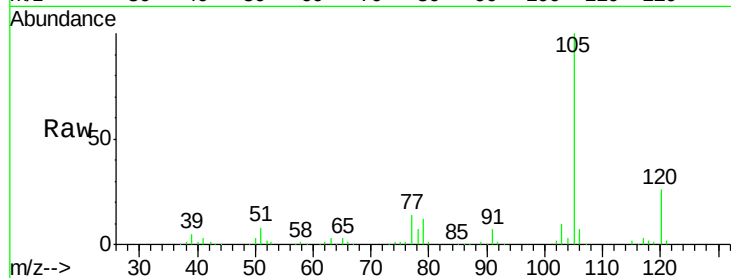
120 25.8 13.2 39.6

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8/17/2020 5:46:23 PM



#74

N-ethyl acetate

Concen: 3.961 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Tgt Ion: 43 Resp: 11033

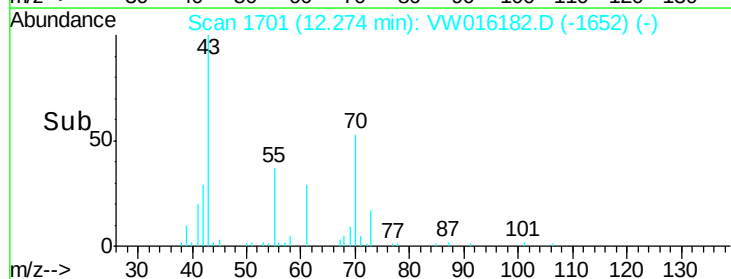
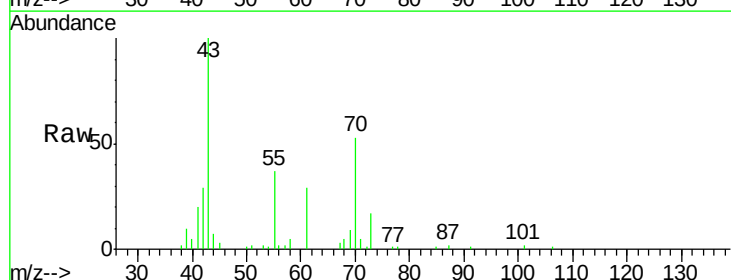
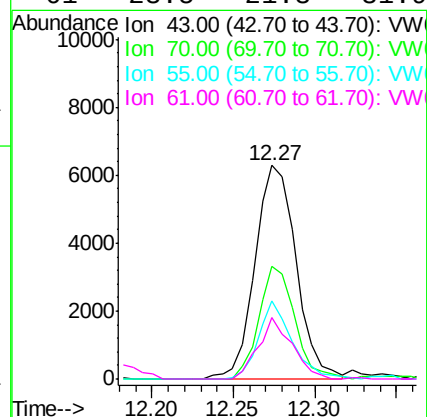
Ion Ratio Lower Upper

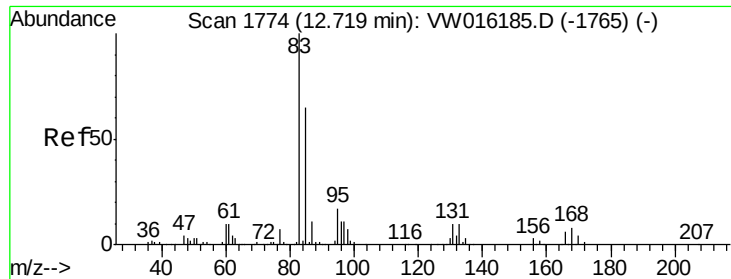
43 100

70 46.1 38.6 58.0

55 30.0 22.2 33.2

61 23.5 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 5.582 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_W

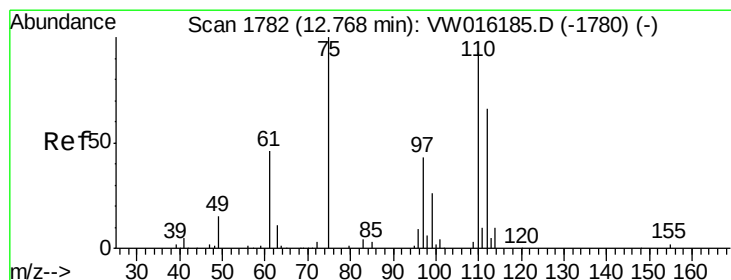
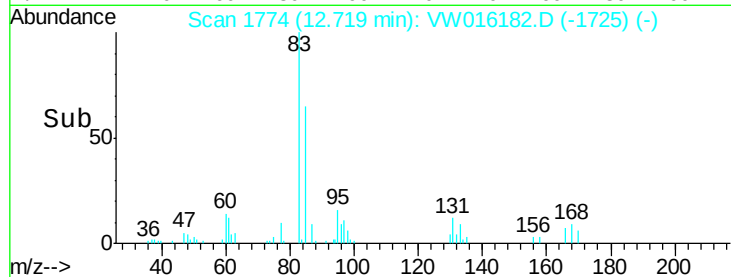
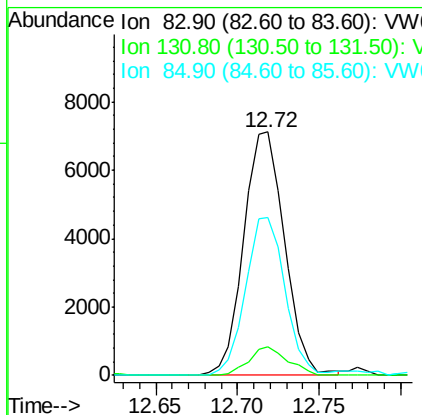
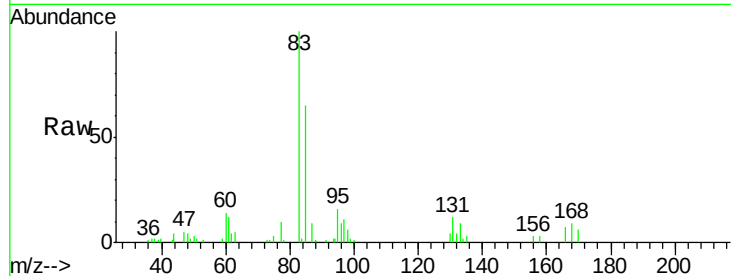
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	12429
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.6	16.8
85	62.7	31.3	93.9

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#76

1,2,3-Trichloropropane

Concen: 5.260 ug/l m

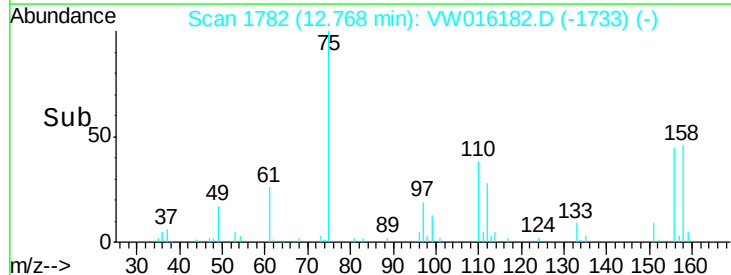
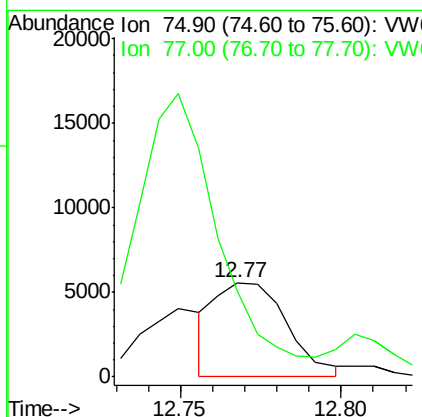
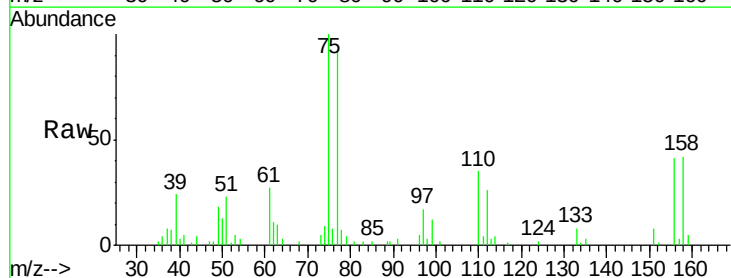
RT: 12.77 min Scan# 1782

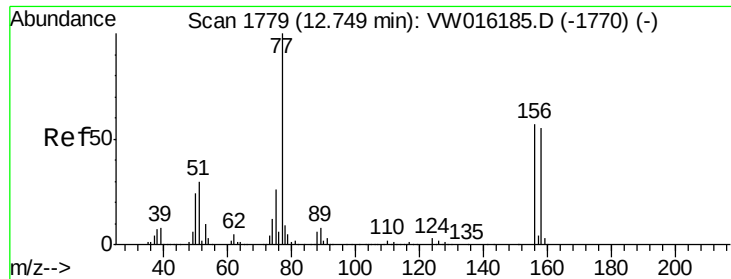
Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Tgt Ion:	75	Resp:	8728
Ion Ratio	Lower	Upper	
75	100		
77	352.1	173.6	520.6





#77

Bromobenzene

Concen: 5.441 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 16193

Ion Ratio Lower Upper

156 100

77 189.8 97.9 293.6

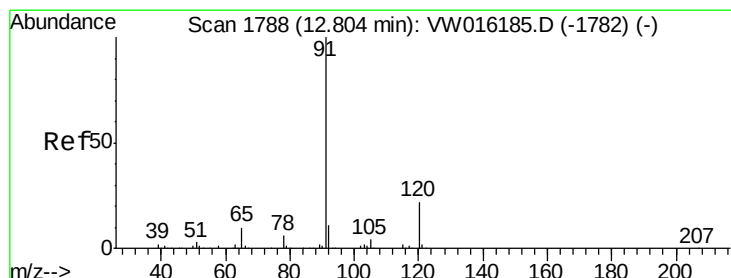
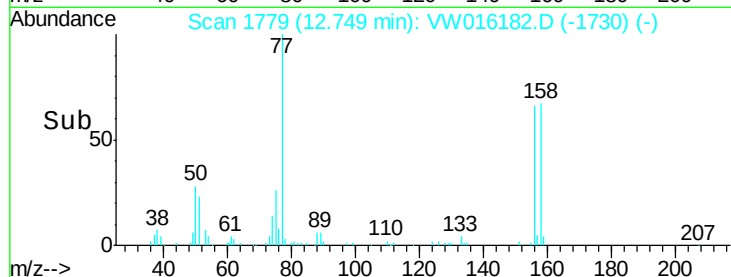
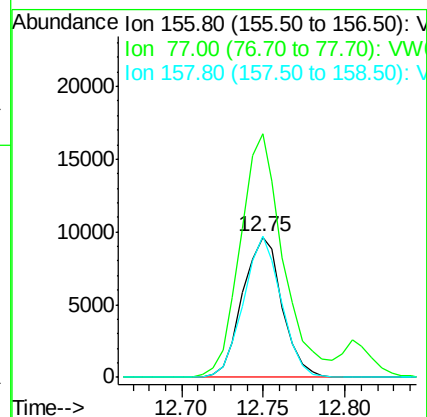
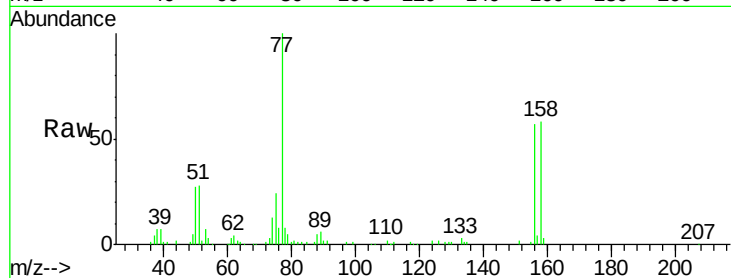
158 96.2 49.0 147.2

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#78

n-propylbenzene

Concen: 5.037 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW016182.D

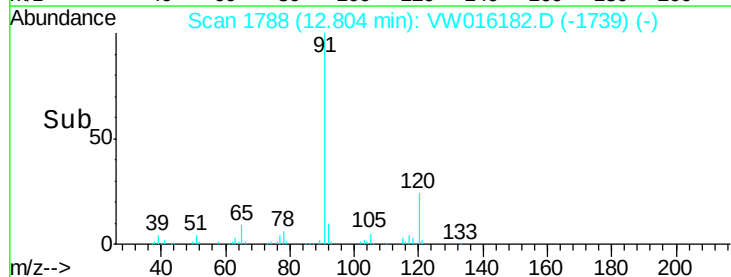
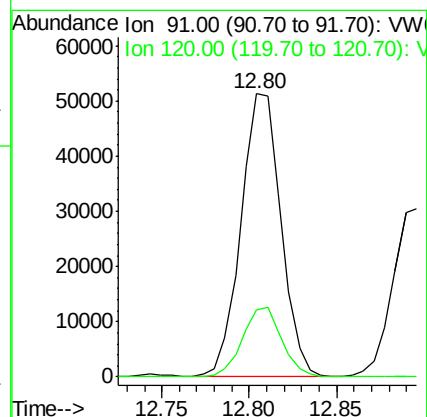
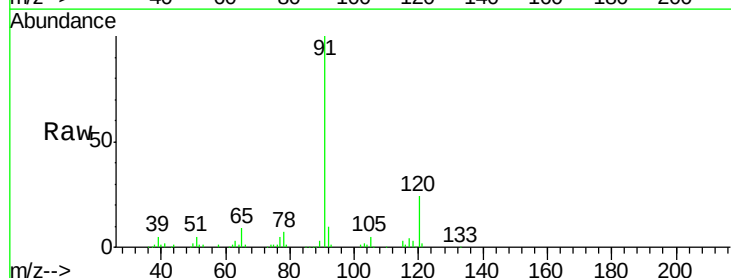
Acq: 14 Aug 2020 09:50

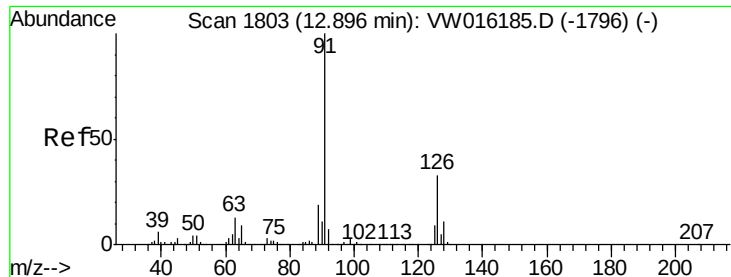
Tgt Ion: 91 Resp: 81056

Ion Ratio Lower Upper

91 100

120 24.2 11.6 34.7





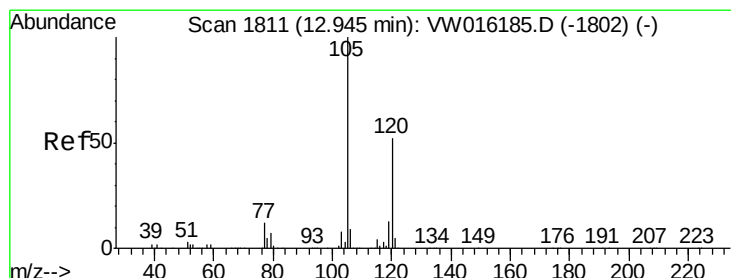
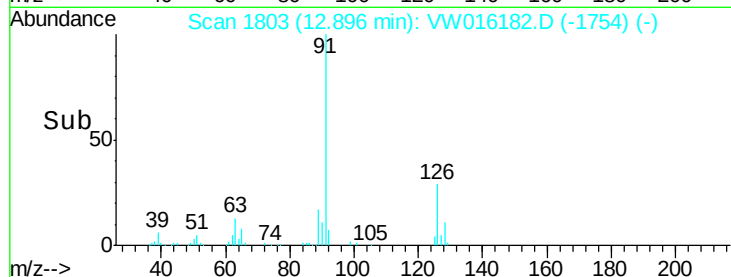
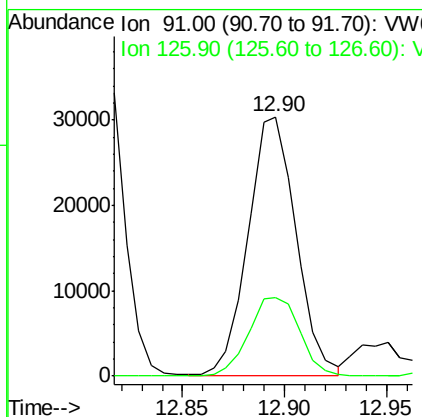
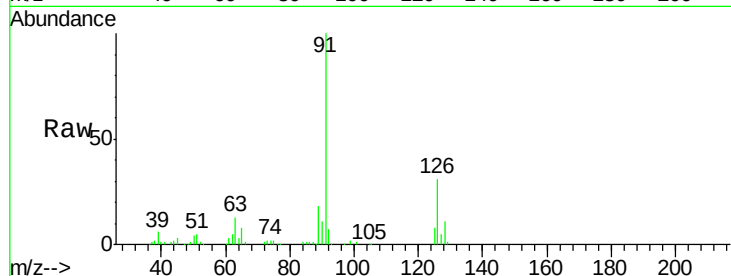
#79
2-Chlorotoluene
Concen: 5.395 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.4	49.2

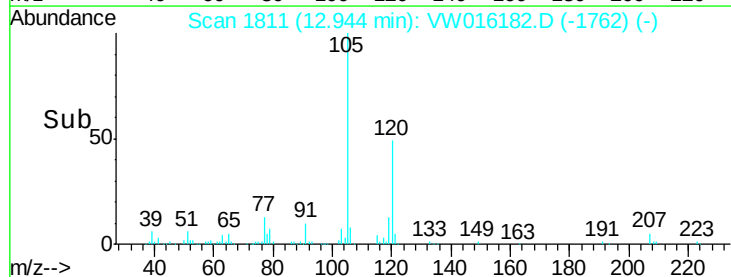
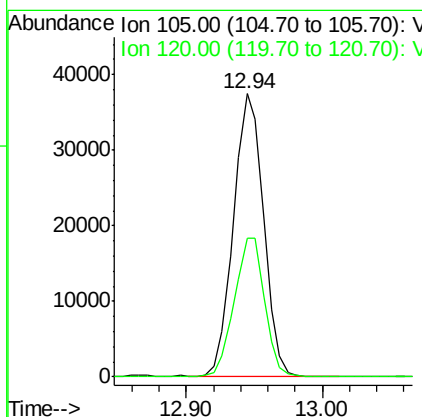
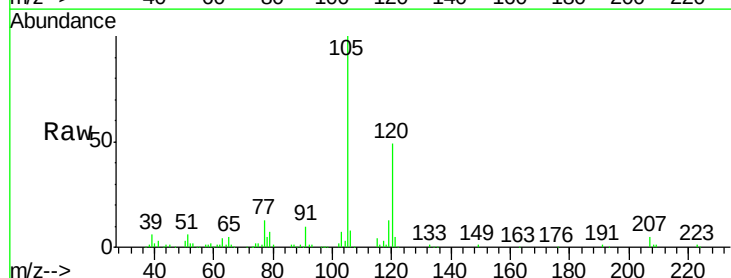
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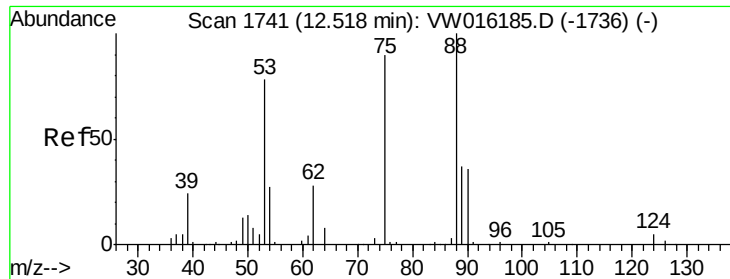
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 5.091 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.4	25.1	75.2





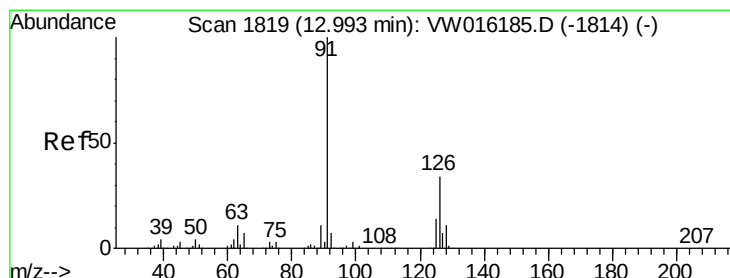
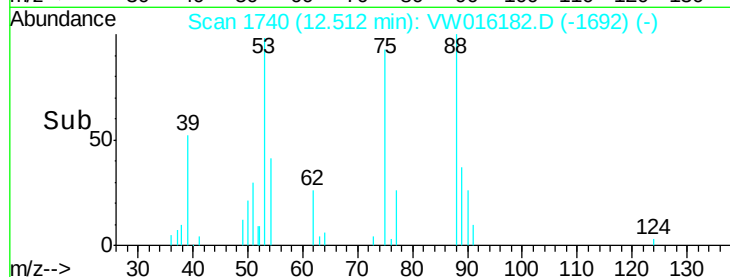
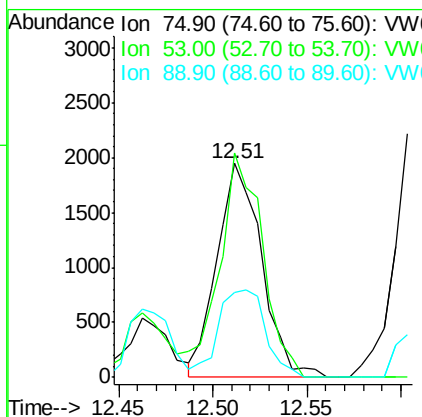
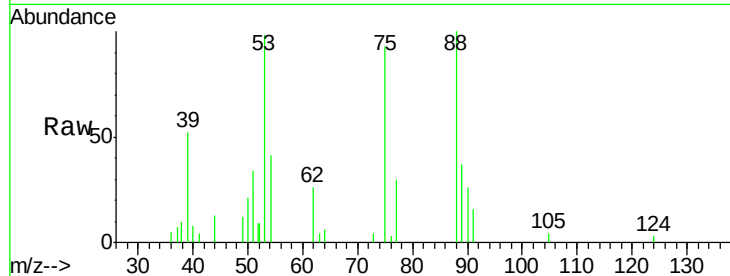
#81
trans-1,4-Dichloro-2-butene
Concen: 4.865 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.0	74.6	111.8
89	43.0	37.2	55.8

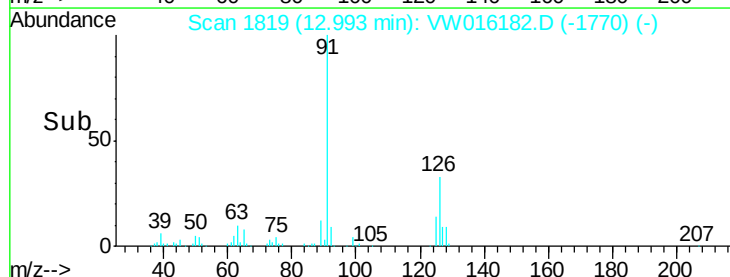
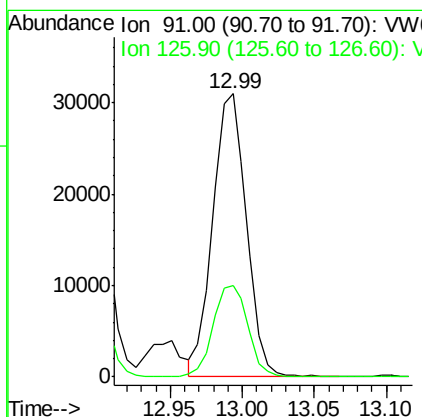
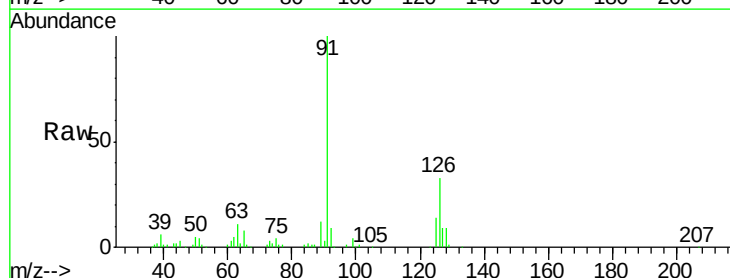
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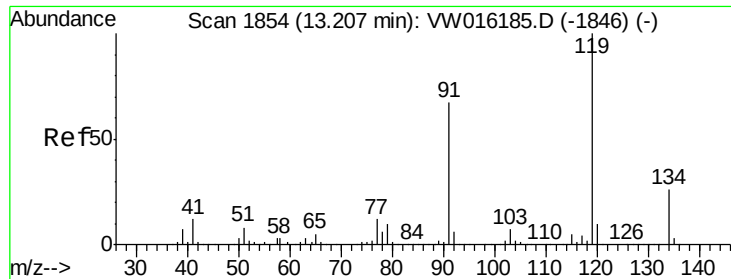
MMDadoda
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#82
4-Chlorotoluene
Concen: 5.276 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.6	49.8





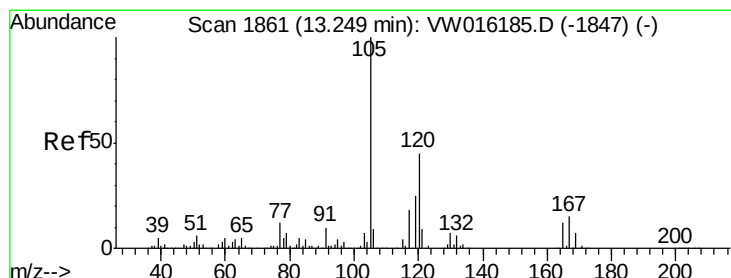
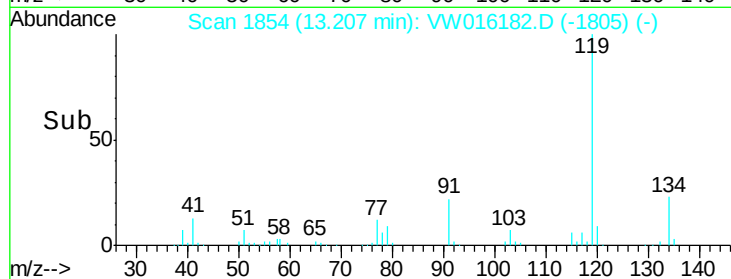
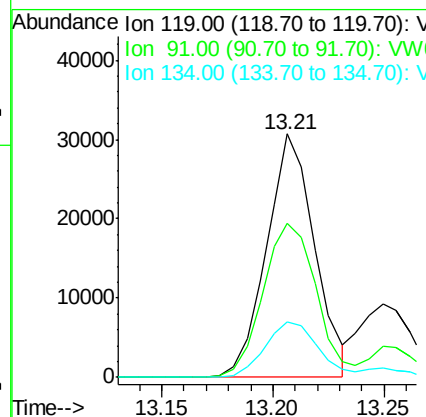
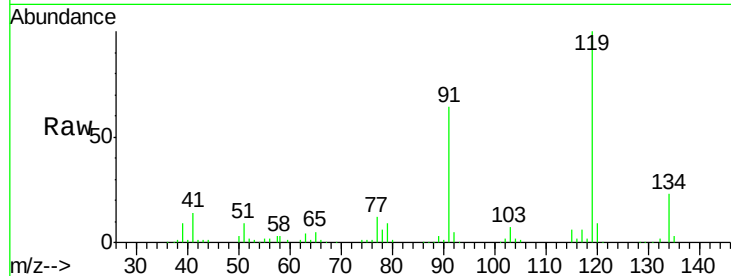
#83
 tert-Butylbenzene
 Concen: 4.885 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.2	33.3	99.9
134	25.2	13.5	40.5

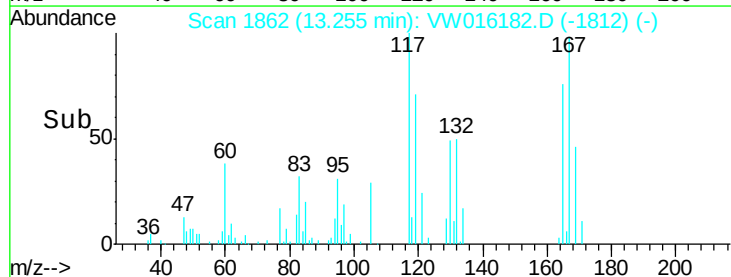
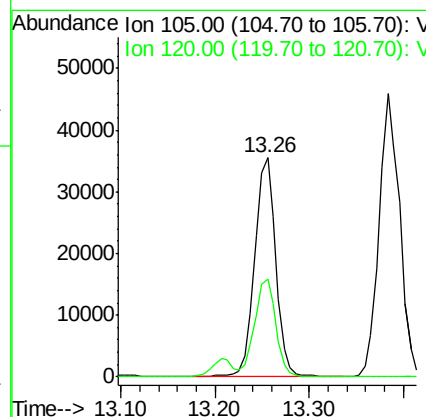
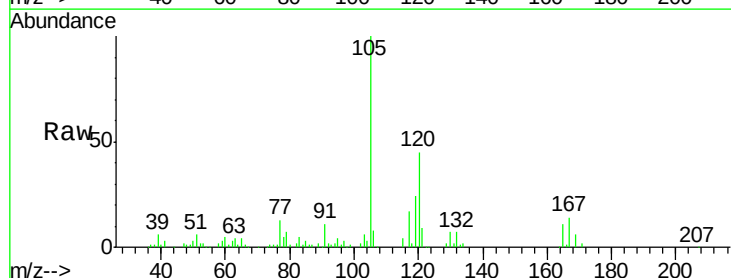
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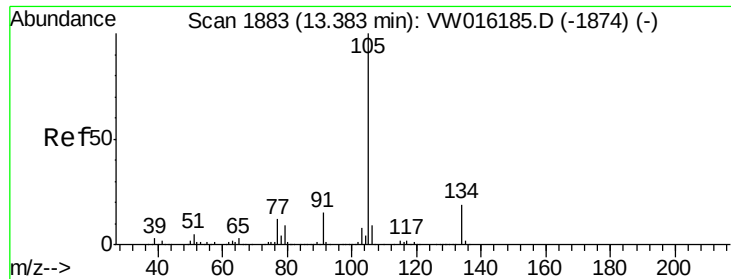
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#84
 1,2,4-Trimethylbenzene
 Concen: 4.949 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.2	66.6





#85

sec-Butylbenzene

Concen: 5.099 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 69372

Ion Ratio Lower Upper

105 100

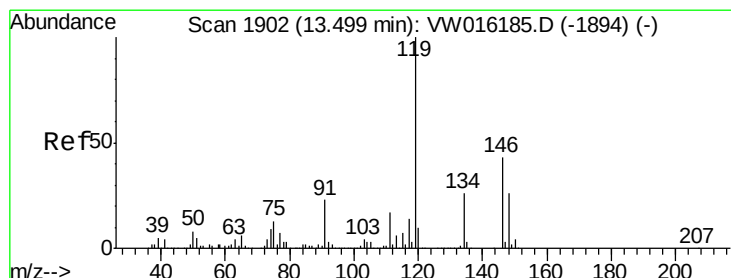
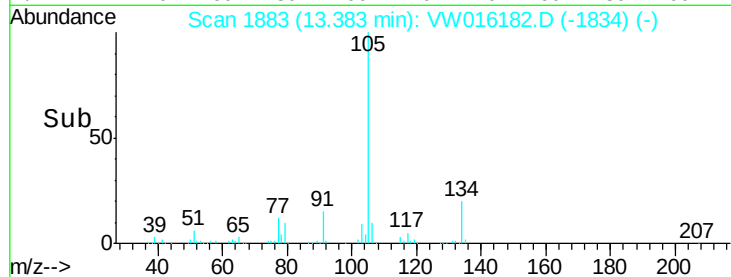
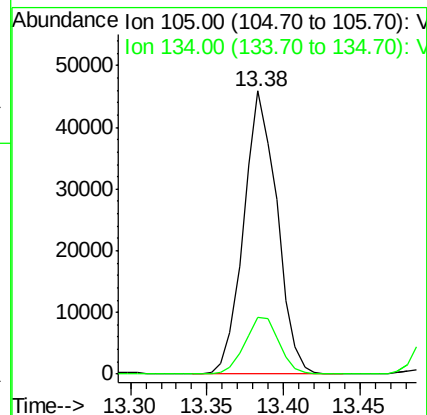
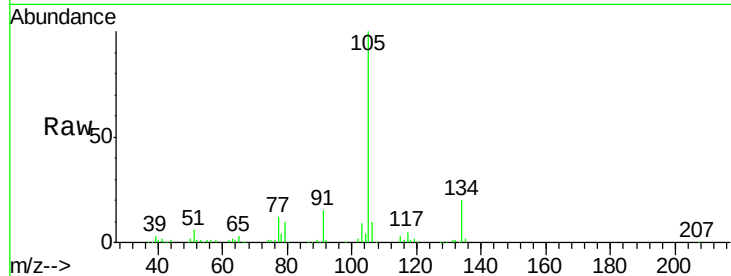
134 21.0 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 4.965 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

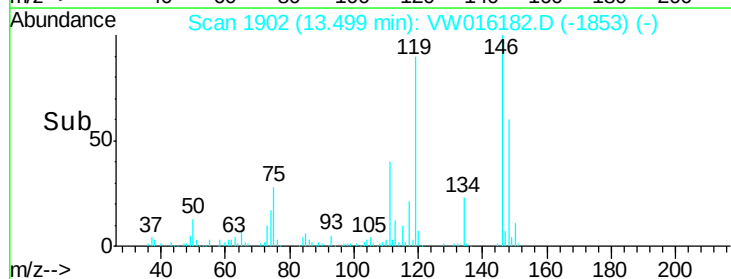
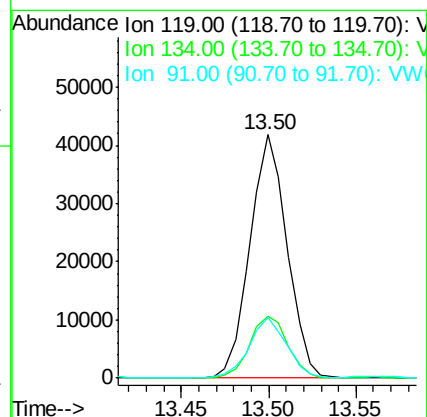
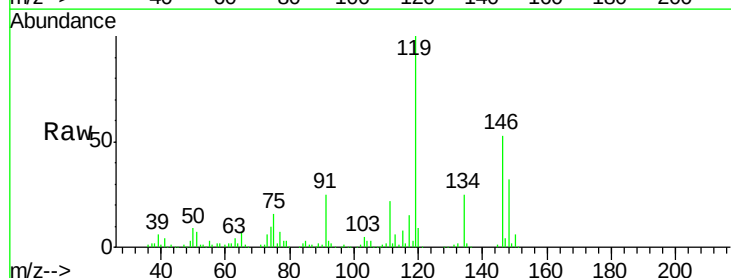
Tgt Ion:119 Resp: 61695

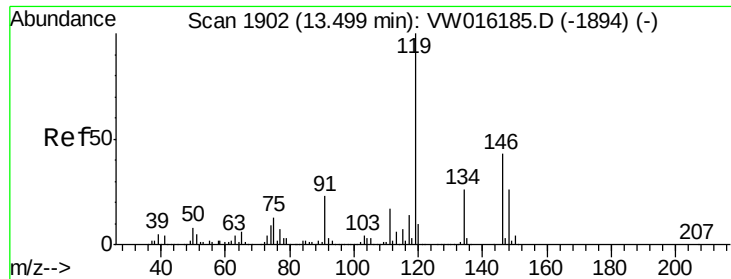
Ion Ratio Lower Upper

119 100

134 26.3 12.8 38.4

91 25.1 11.8 35.3





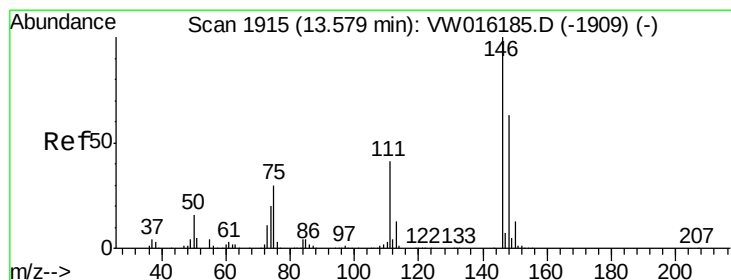
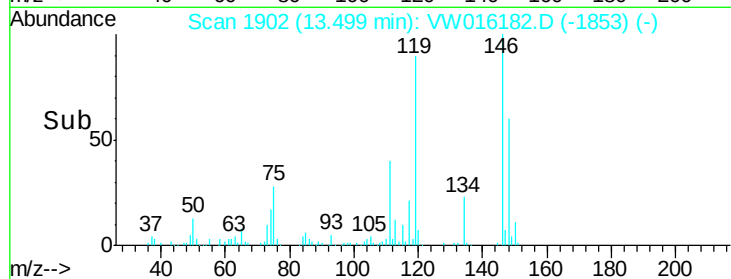
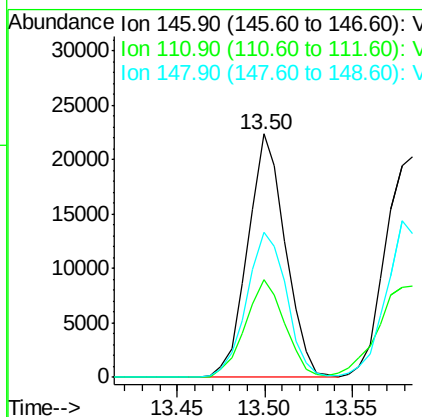
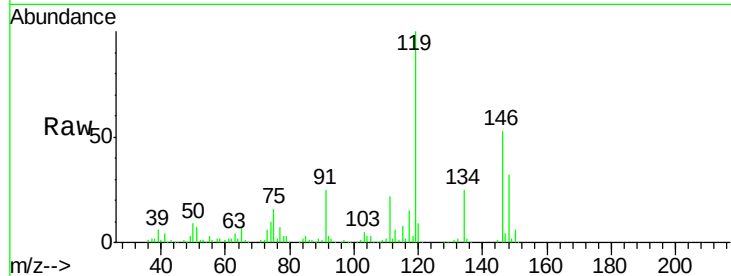
#87
 1,3-Dichlorobenzene
 Concen: 5.596 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.8	62.5
148	63.3	31.1	93.5

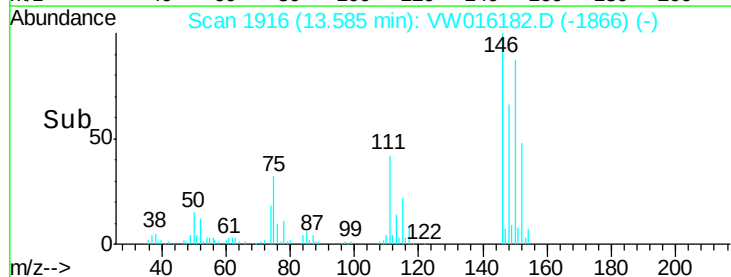
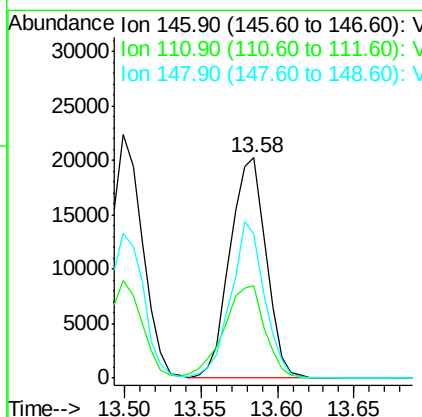
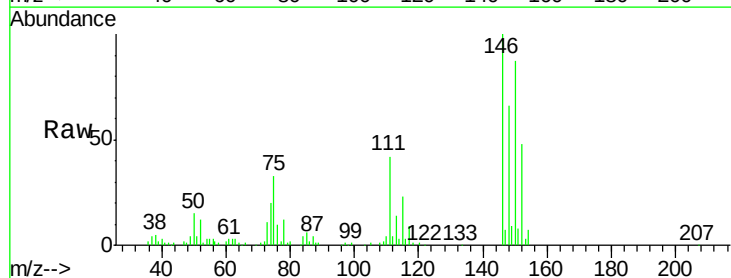
Manual Integrations
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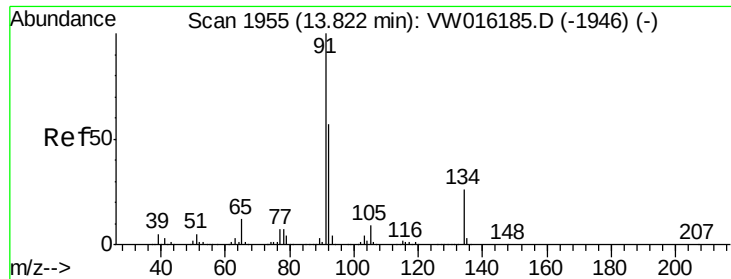
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#88
 1,4-Dichlorobenzene
 Concen: 5.681 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.8	20.8	62.2
148	66.2	32.1	96.3





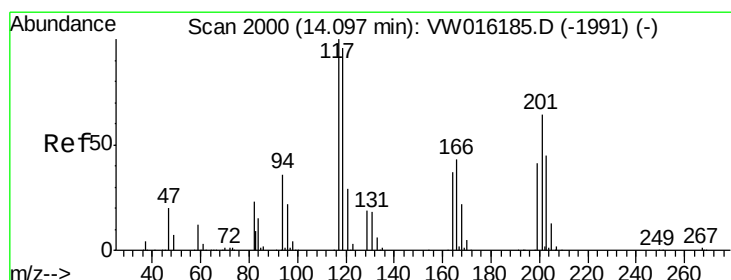
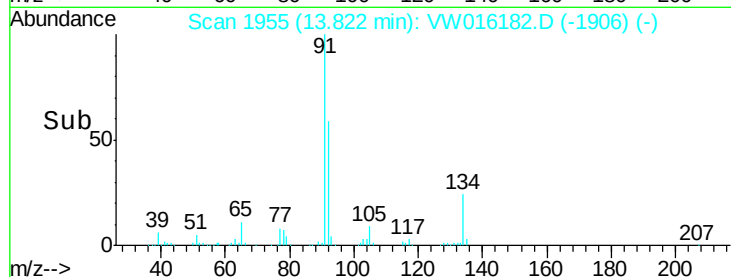
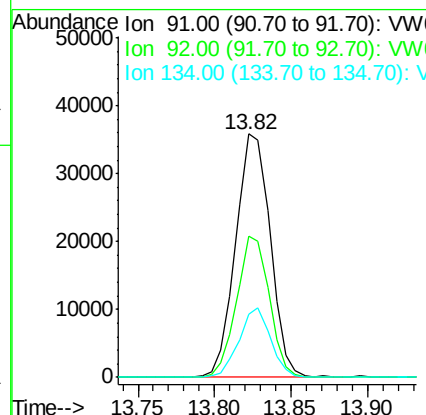
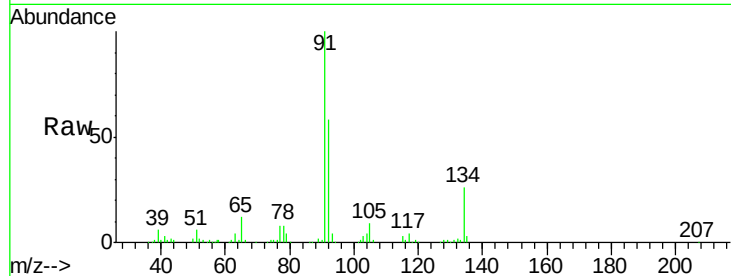
#89
n-Butylbenzene
Concen: 4.779 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.4	82.2
134	26.0	13.0	39.0

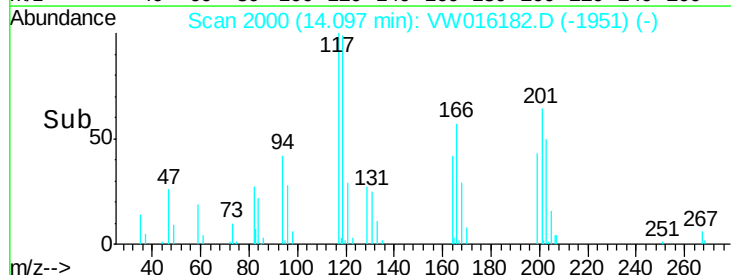
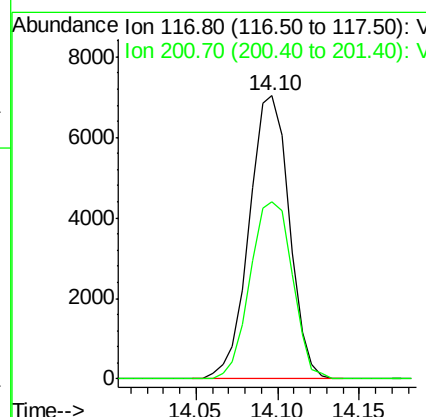
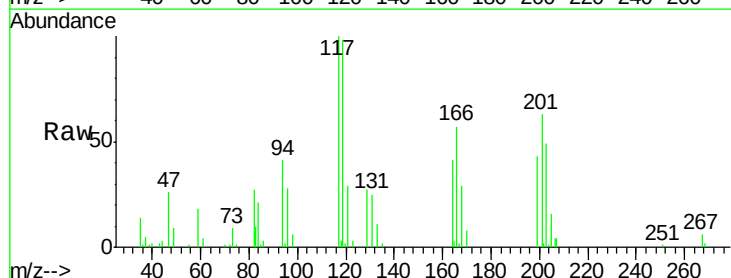
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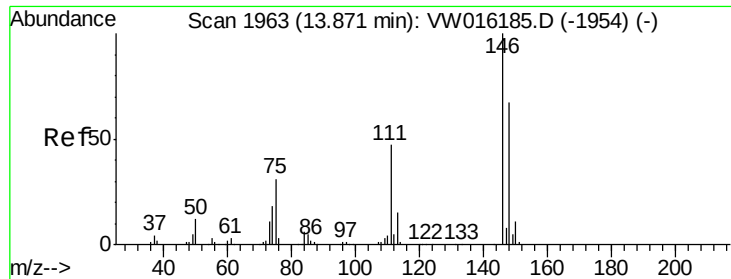
MMDadoda
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#90
Hexachloroethane
Concen: 5.368 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.9	33.8	101.3





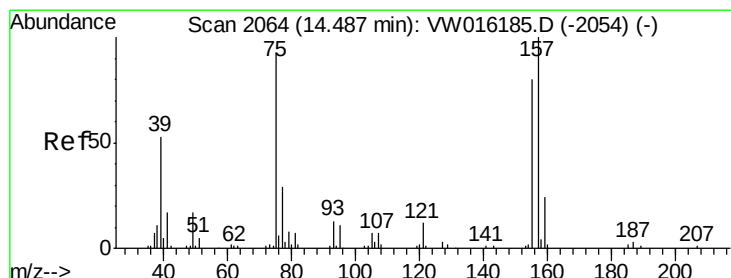
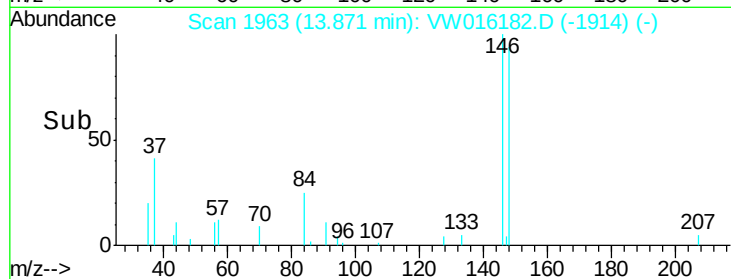
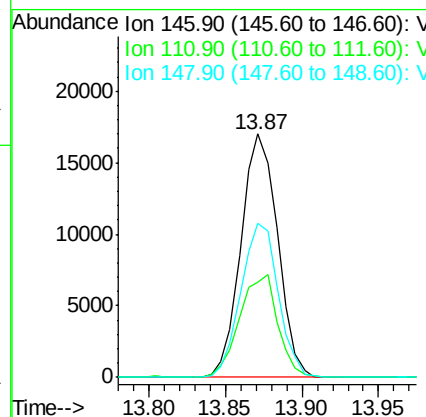
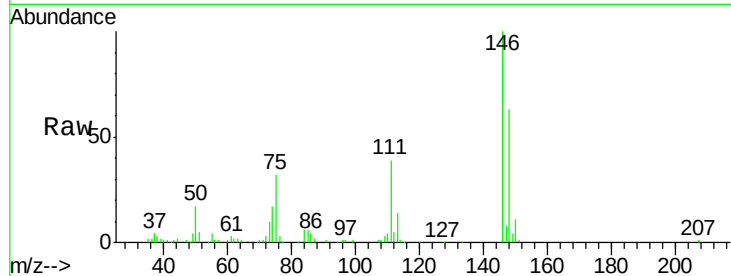
#91
 1,2-Dichlorobenzene
 Concen: 5.497 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.9	65.8
148	64.5	32.1	96.3

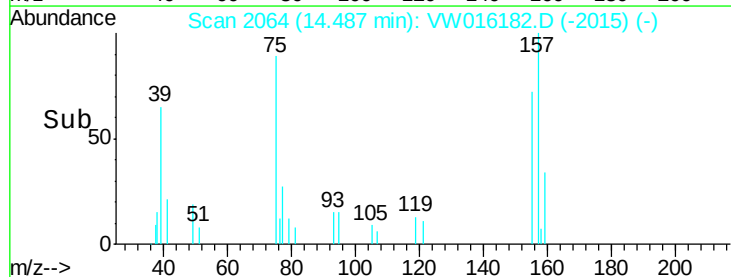
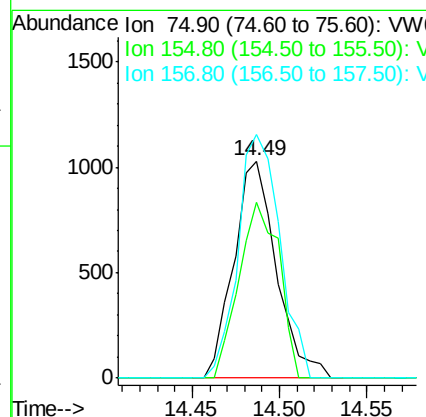
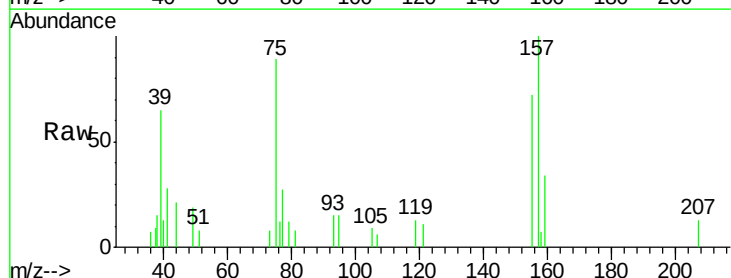
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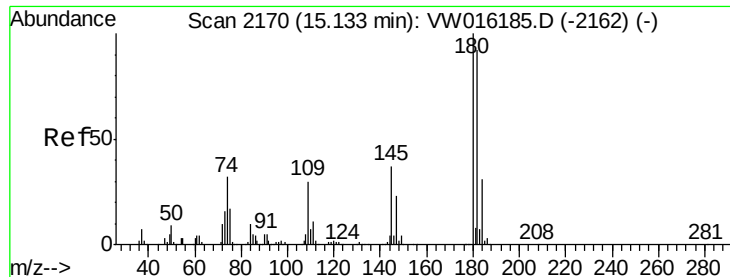
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.932 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW016182.D
 Acq: 14 Aug 2020 09:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.4	41.3	124.1
157	110.6	53.0	159.0





#93

1,2,4-Trichlorobenzene

Concen: 4.193 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Instrument :

MSVOA_W

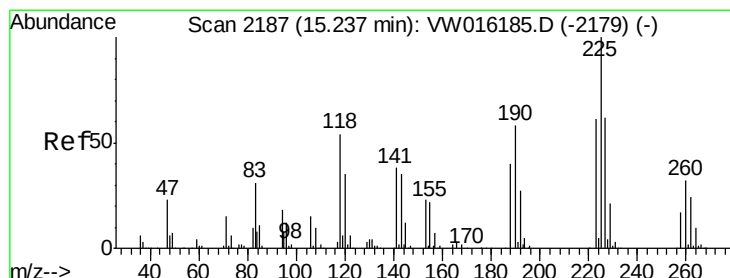
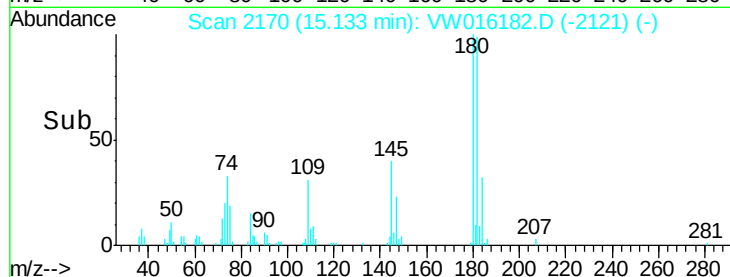
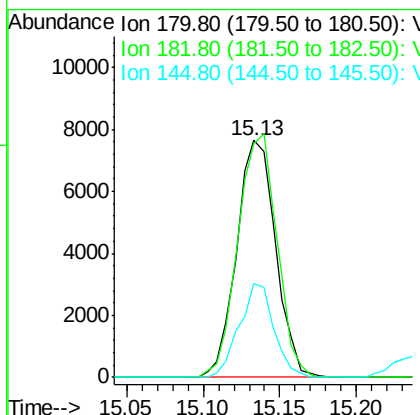
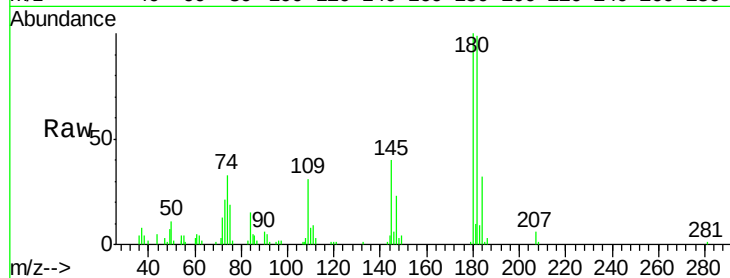
ClientSampleId :

VSTDIC005

Tot Ion:	180	Resp:	13575
Ion Ratio	Lower	Upper	
180	100		
182	102.6	46.0	138.0
145	34.9	16.9	50.7

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 4.823 ug/l

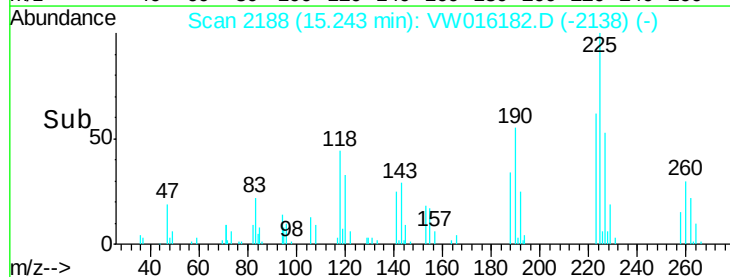
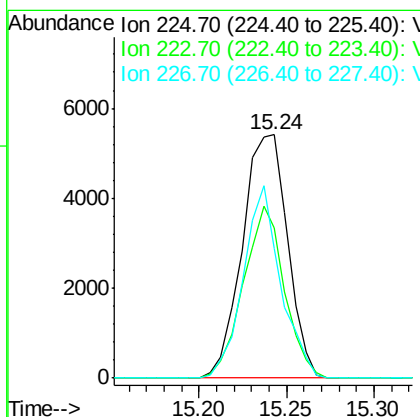
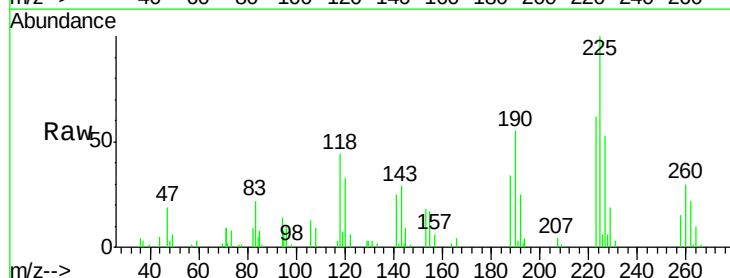
RT: 15.24 min Scan# 2188

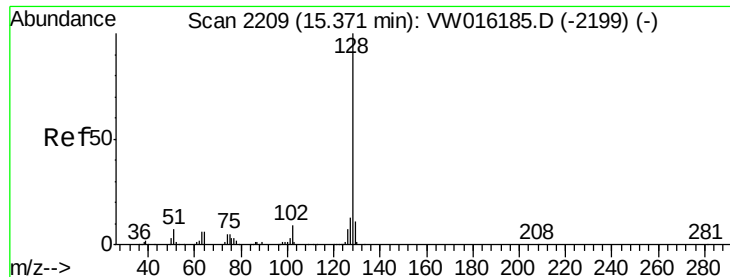
Delta R.T. 0.01 min

Lab File: VW016182.D

Acq: 14 Aug 2020 09:50

Tgt Ion:	225	Resp:	9742
Ion Ratio	Lower	Upper	
225	100		
223	63.9	33.0	99.0
227	65.2	32.0	96.2





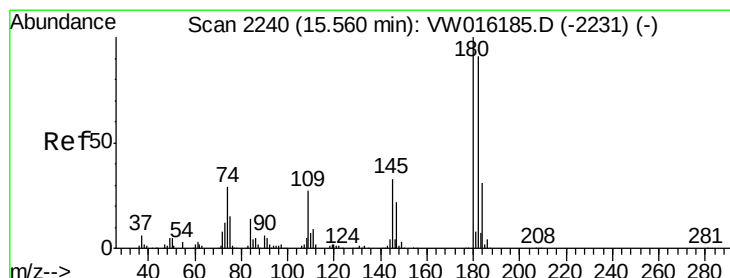
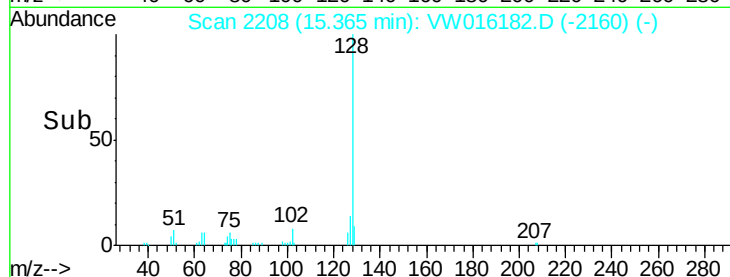
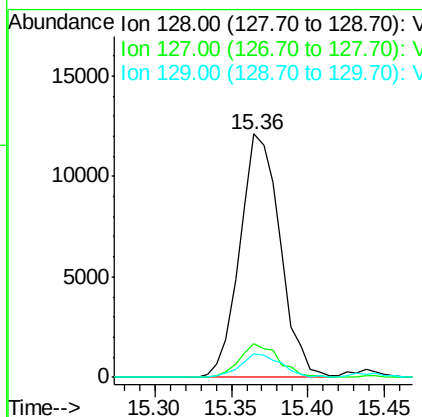
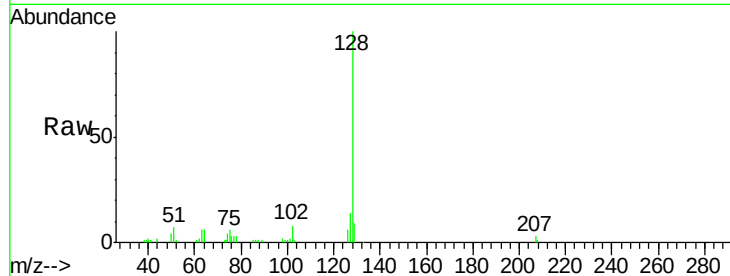
#95
Naphthalene
Concen: 3.988 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:	128	Resp:	22178
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.4
129	9.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/17/2020 5:46:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.403 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW016182.D
Acq: 14 Aug 2020 09:50

Tgt Ion:	180	Resp:	12276
Ion Ratio	Lower	Upper	
180	100		
182	103.8	47.7	143.1
145	37.1	17.4	52.3

