

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012390.D
 Acq On : 31 Aug 2019 10:51
 Operator : SY/VA
 Sample : VW0831SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 2:42:07 AM

Quant Time: Sep 02 01:50:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	331634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	291890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	144228	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	128090	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
35) Dibromofluoromethane	7.88	113	100017	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.32	98	411337	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.62	95	146045	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24789	19.128	ug/l	96
3) Chloromethane	2.21	50	40287	20.065	ug/l	96
4) Vinyl Chloride	2.36	62	47229	19.219	ug/l	95
5) Bromomethane	2.71	94	20735	16.661	ug/l	95
6) Chloroethane	2.87	64	27105m	19.552	ug/l	
7) Trichlorofluoromethane	3.23	101	26489	21.467	ug/l	98
8) Diethyl Ether	3.67	74	21171	18.075	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.05	101	42716	20.366	ug/l	100
10) Methyl Iodide	4.26	142	54408	19.172	ug/l	99
11) Tert butyl alcohol	5.17	59	15396	102.254	ug/l	96
12) 1,1-Dichloroethene	4.03	96	39785	18.846	ug/l	99
13) Acrolein	3.89	56	12001	84.674	ug/l	98
14) Allyl chloride	4.65	41	84527	18.729	ug/l	98
15) Acrylonitrile	5.37	53	55318	95.286	ug/l	99
16) Acetone	4.11	43	54750	85.607	ug/l	100
17) Carbon Disulfide	4.37	76	96758	15.165	ug/l	98
18) Methyl Acetate	4.66	43	33250	20.990	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	71146	20.840	ug/l	99
20) Methylene Chloride	4.90	84	47928	19.823	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	42100	18.597	ug/l	99
22) Diisopropyl ether	6.30	45	170051	20.327	ug/l	98
23) Vinyl Acetate	6.24	43	474805	92.224	ug/l	99
24) 1,1-Dichloroethane	6.21	63	89885	19.733	ug/l	99
25) 2-Butanone	7.17	43	77119	88.736	ug/l	99
26) 2,2-Dichloropropane	7.16	77	53415	20.718	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	47587	19.675	ug/l	99
28) Bromochloromethane	7.51	49	42901	21.610	ug/l	97
29) Tetrahydrofuran	7.52	42	49032	94.037	ug/l	98
30) Chloroform	7.67	83	86531	20.764	ug/l	99
31) Cyclohexane	7.95	56	82012	18.198	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	69493	21.080	ug/l	98
36) 1,1-Dichloropropene	8.08	75	68182	19.895	ug/l	99
37) Ethyl Acetate	7.24	43	36240	19.297	ug/l	98
38) Carbon Tetrachloride	8.07	117	61199	20.632	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	71694	18.622	ug/l	98
40) Benzene	8.32	78	185995	19.876	ug/l	99
41) Methacrylonitrile	7.48	41	22636	20.508	ug/l	96
42) 1,2-Dichloroethane	8.40	62	60514	20.633	ug/l	99
43) Isopropyl Acetate	8.42	43	65303	18.773	ug/l	99
44) Trichloroethene	9.09	130	45124	19.836	ug/l	98
45) 1,2-Dichloropropane	9.37	63	50787	20.166	ug/l	99
46) Dibromomethane	9.46	93	22522	20.099	ug/l	96
47) Bromodichloromethane	9.64	83	58835	19.728	ug/l	97
48) Methyl methacrylate	9.43	41	31012	18.731	ug/l	98
49) 1,4-Dioxane	9.45	88	7033	409.987	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	172213	97.333	ug/l	98
52) Toluene	10.38	92	113649	20.216	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	60032	19.762	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	71041	19.368	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	31656	19.967	ug/l	99
56) Ethyl methacrylate	10.65	69	43778	18.973	ug/l	99
57) 1,3-Dichloropropane	10.93	76	59865	19.981	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	131816	111.310	ug/l	100
59) 2-Hexanone	10.97	43	117028	93.480	ug/l	98
60) Dibromochloromethane	11.13	129	34609	19.599	ug/l	98
61) 1,2-Dibromoethane	11.23	107	29329	19.857	ug/l	99
64) Tetrachloroethene	10.86	164	37501	19.817	ug/l	97
65) Chlorobenzene	11.66	112	116592	20.285	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	40779	20.338	ug/l	99
67) Ethyl Benzene	11.73	91	222076	20.058	ug/l	98
68) m/p-Xylenes	11.84	106	161309	40.447	ug/l	100
69) o-Xylene	12.16	106	73174	19.824	ug/l	97
70) Styrene	12.18	104	129127	20.211	ug/l	99
71) Bromoform	12.35	173	19342	19.361	ug/l #	99
73) Isopropylbenzene	12.46	105	213639	19.768	ug/l	100
74) N-amyl acetate	12.27	43	60864	18.640	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	37036	18.693	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	30452m	21.679	ug/l	
77) Bromobenzene	12.74	156	46258	19.785	ug/l	98
78) n-propylbenzene	12.80	91	264683	20.062	ug/l	99
79) 2-Chlorotoluene	12.89	91	149691	19.984	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	181064	20.050	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	11400	17.794	ug/l	96
82) 4-Chlorotoluene	12.99	91	158161	20.166	ug/l	99
83) tert-Butylbenzene	13.21	119	154500	20.197	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	183062	20.180	ug/l	100
85) sec-Butylbenzene	13.38	105	221606	20.221	ug/l	100
86) p-Isopropyltoluene	13.50	119	202125	20.652	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	92249	20.172	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	90960	20.032	ug/l	98
89) n-Butylbenzene	13.82	91	198298	20.374	ug/l	100
90) Hexachloroethane	14.09	117	33563	19.546	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	81989	20.437	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6327	18.942	ug/l	95

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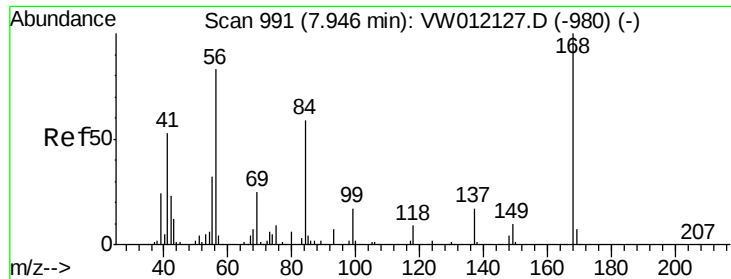
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	56051	20.218	ug/l	99
94) Hexachlorobutadiene	15.24	225	40567	22.160	ug/l	97
95) Naphthalene	15.37	128	89642	19.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	49327	20.393	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBS01

Tot Ion:168 Resp: 210469

Ion Ratio Lower Upper

168 100

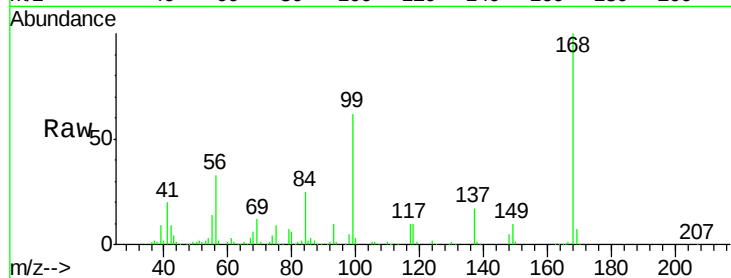
99 61.8 49.2 73.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

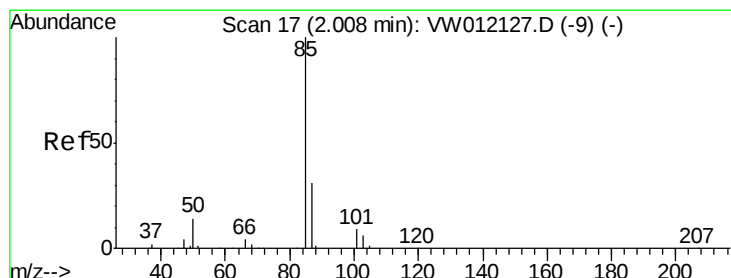
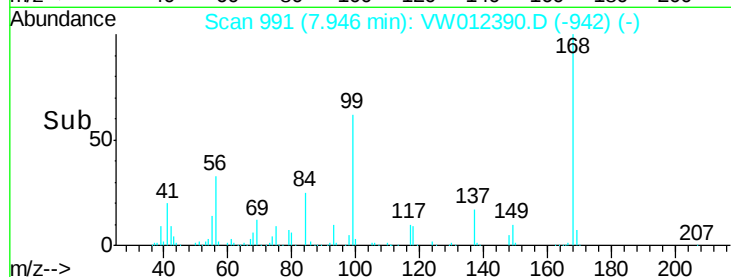
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 19.128 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW012390.D

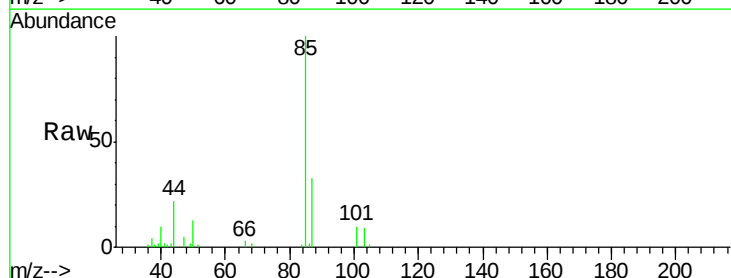
Acq: 31 Aug 2019 10:51

Tgt Ion: 85 Resp: 24789

Ion Ratio Lower Upper

85 100

87 33.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

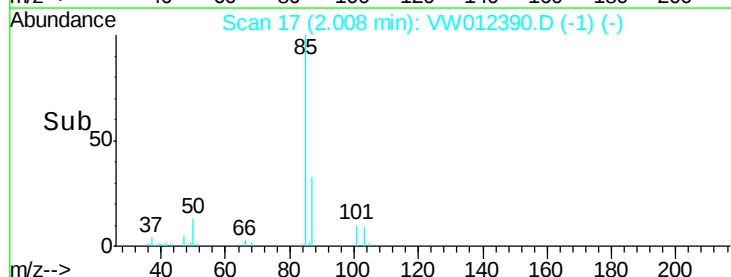
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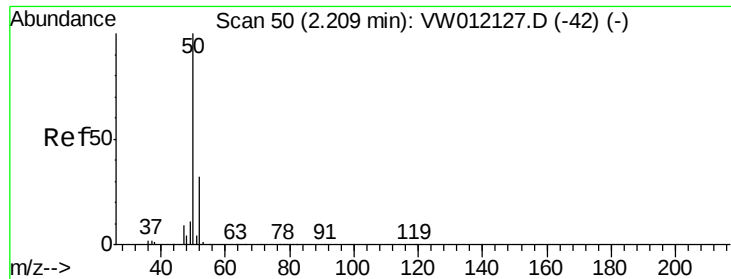
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 20.065 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBS01

Tot Ion: 50 Resp: 40287

Ion Ratio Lower Upper

50 100

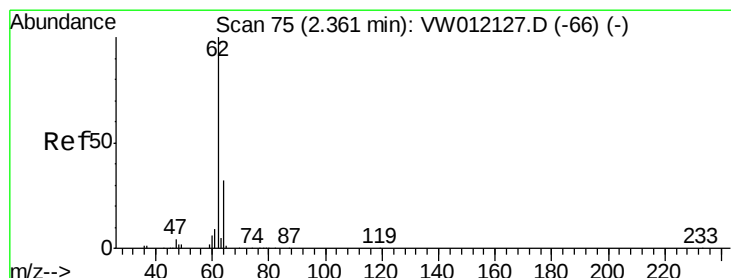
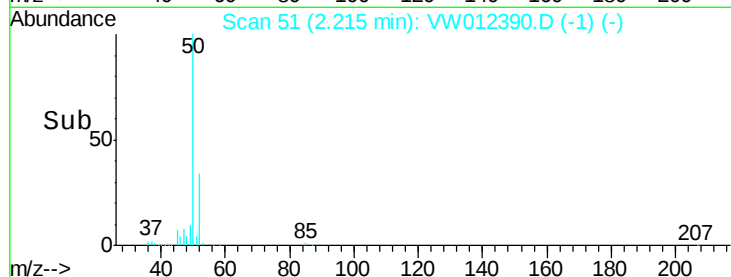
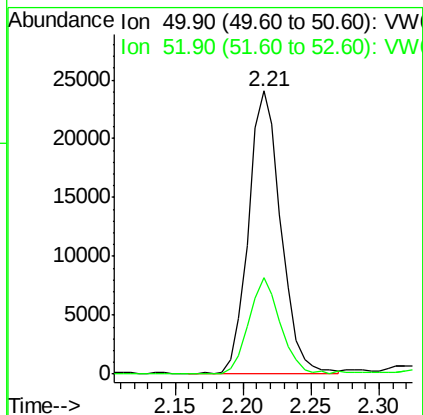
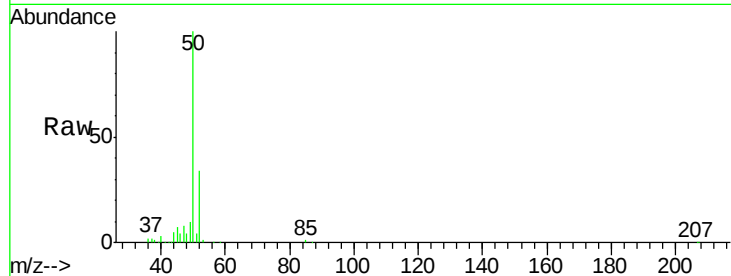
52 34.2 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.219 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012390.D

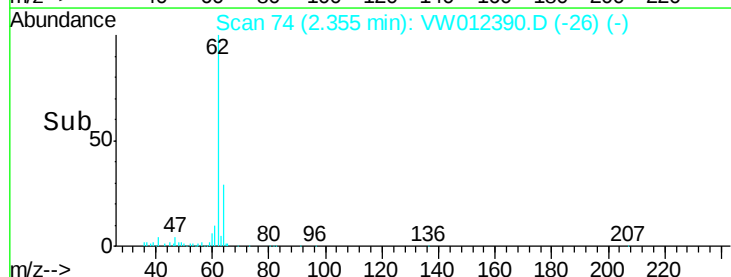
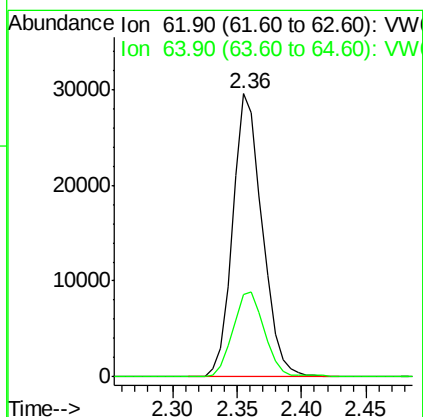
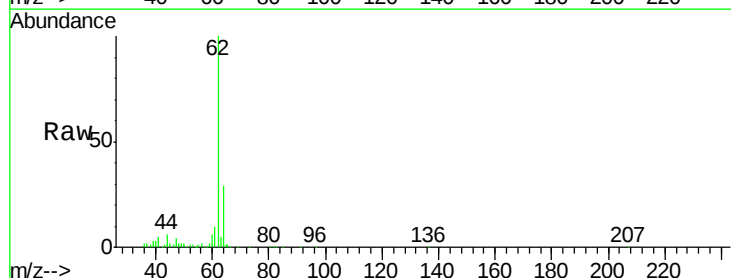
Acq: 31 Aug 2019 10:51

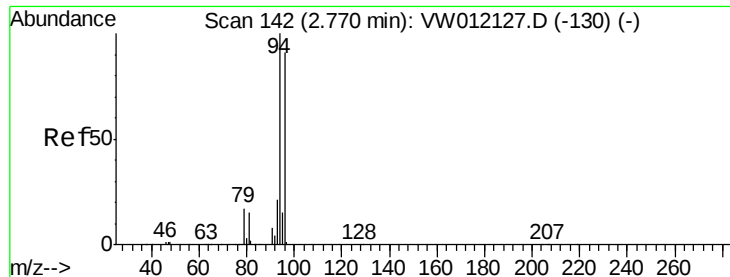
Tgt Ion: 62 Resp: 47229

Ion Ratio Lower Upper

62 100

64 29.1 25.3 37.9





#5

Bromomethane

Concen: 16.661 ug/l

RT: 2.71 min Scan# 133

Delta R.T. -0.05 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Instrument :

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ClientSampleId :

VW0831SBS01

Tot Ion: 94 Resp: 20735

Ion Ratio Lower Upper

94 100

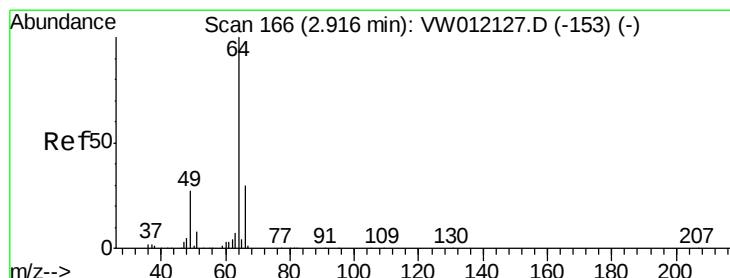
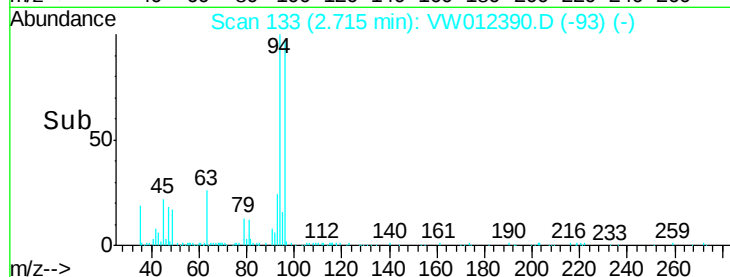
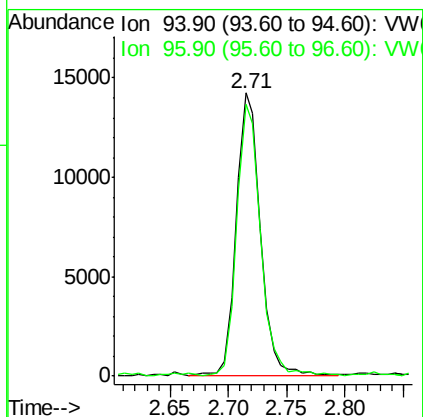
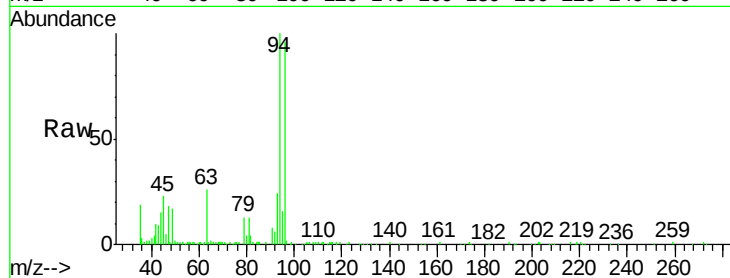
96 95.7 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 19.552 ug/l m

RT: 2.87 min Scan# 158

Delta R.T. -0.05 min

Lab File: VW012390.D

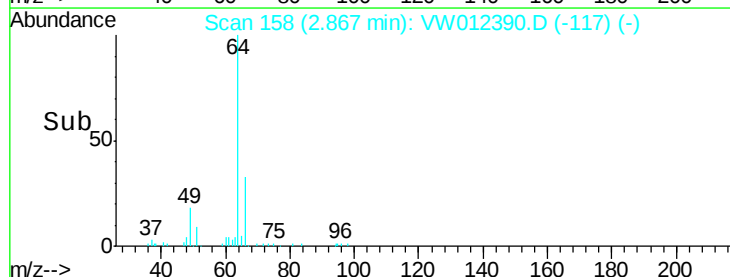
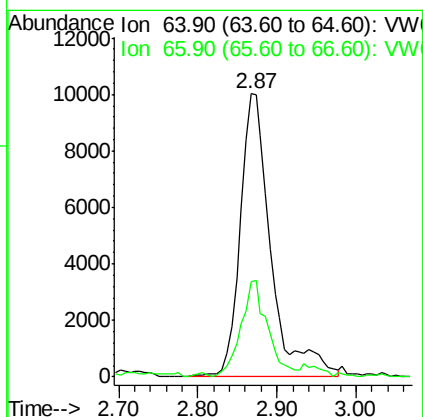
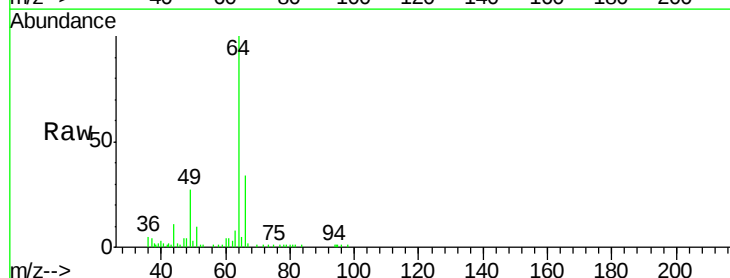
Acq: 31 Aug 2019 10:51

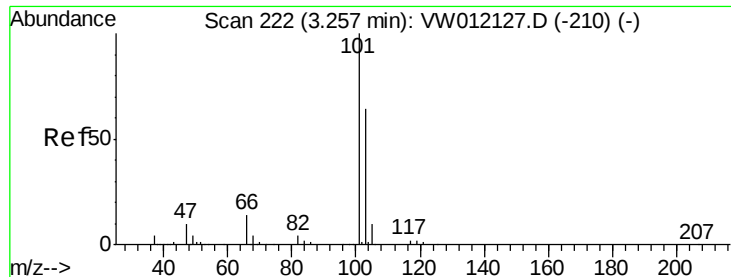
Tgt Ion: 64 Resp: 27105

Ion Ratio Lower Upper

64 100

66 33.5 23.8 35.8





#7

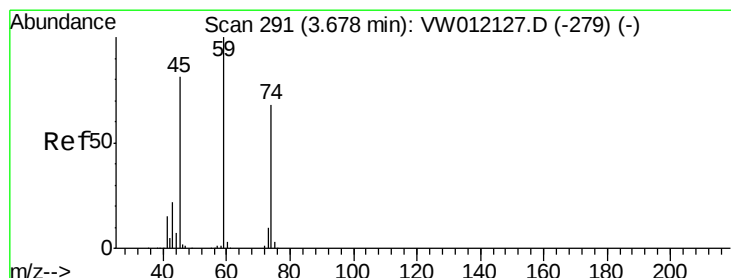
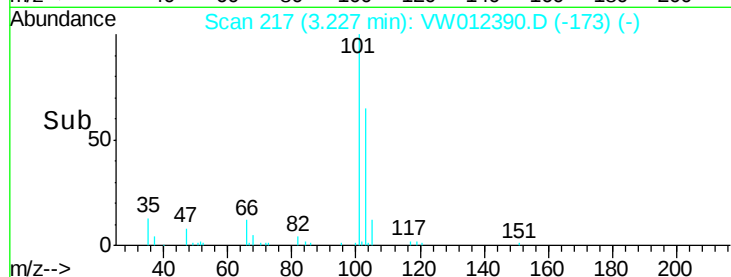
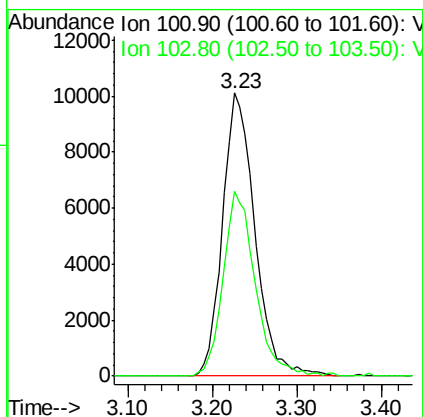
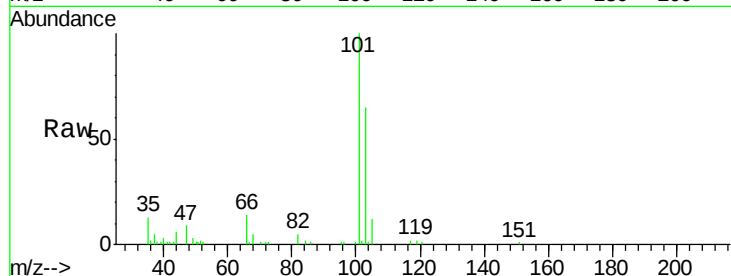
Trichlorofluoromethane
 Concen: 21.467 ug/l
 RT: 3.23 min Scan# 217
 Delta R.T. -0.03 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

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 VW0831SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.2	76.8

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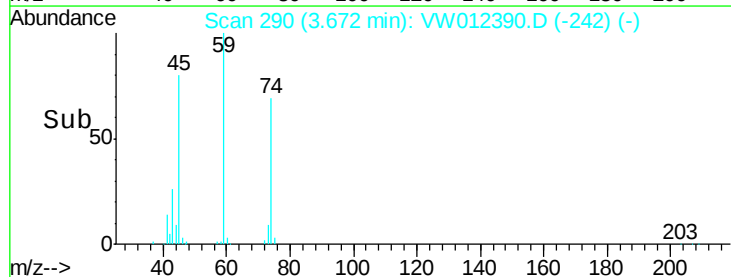
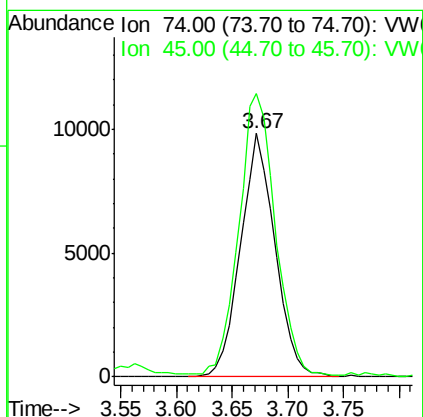
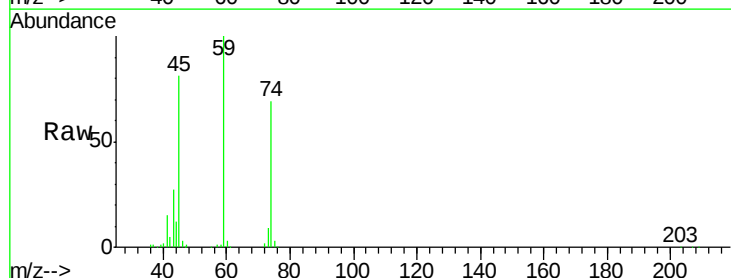
MMDadoda
 9/3/2019 2:42:07 AM

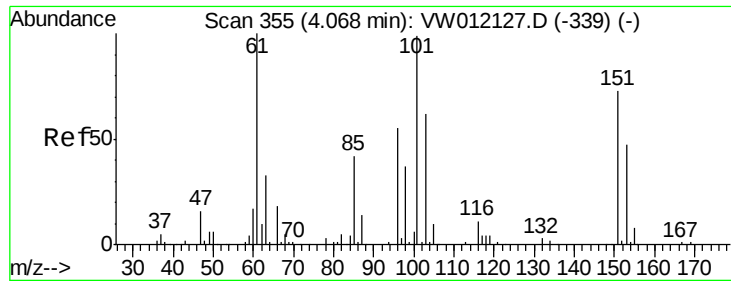


#8

Diethyl Ether
 Concen: 18.075 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	124.0	59.2	177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.366 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.02 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Instrument :

MSVOA_W

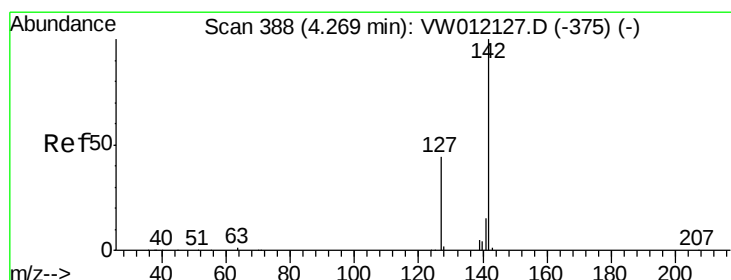
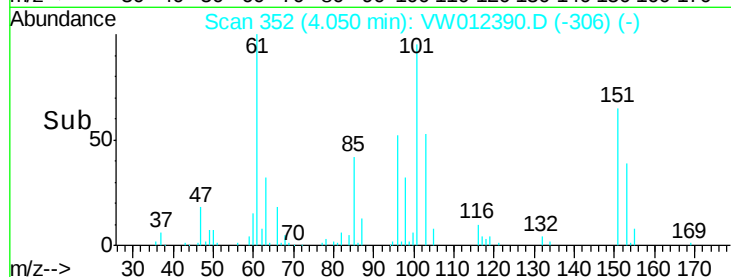
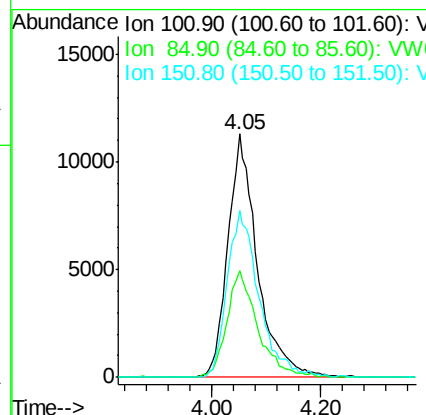
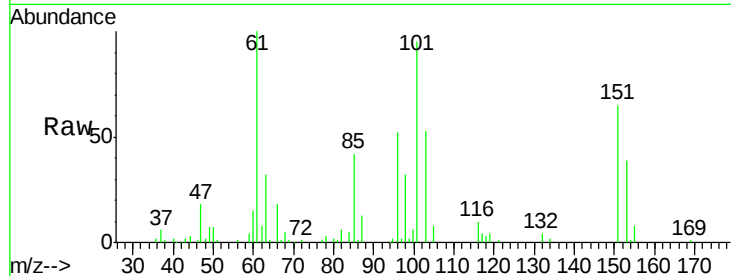
ClientSampleId :

VW0831SBS01

Tot Ion:	101	Resp:	42716
Ion Ratio	Lower	Upper	
101	100		
85	45.4	35.8	53.6
151	73.1	58.6	87.8

Manual Integrations
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#10

Methyl Iodide

Concen: 19.172 ug/l

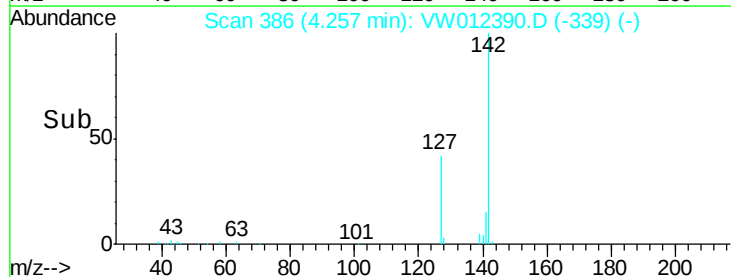
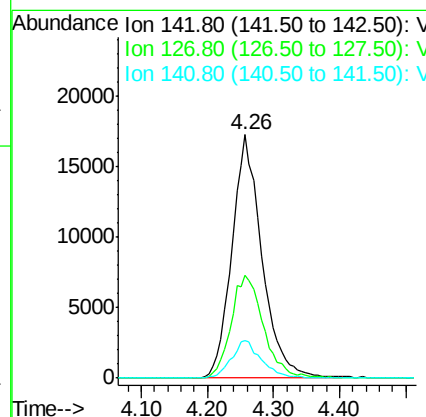
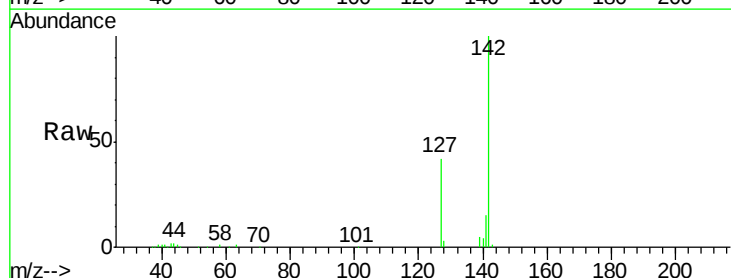
RT: 4.26 min Scan# 386

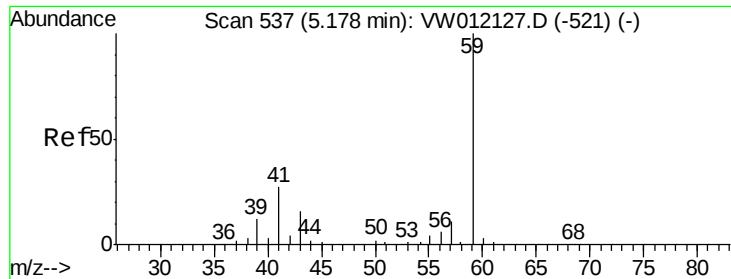
Delta R.T. -0.01 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Tgt Ion:	142	Resp:	54408
Ion Ratio	Lower	Upper	
142	100		
127	45.2	35.5	53.3
141	15.3	11.8	17.8





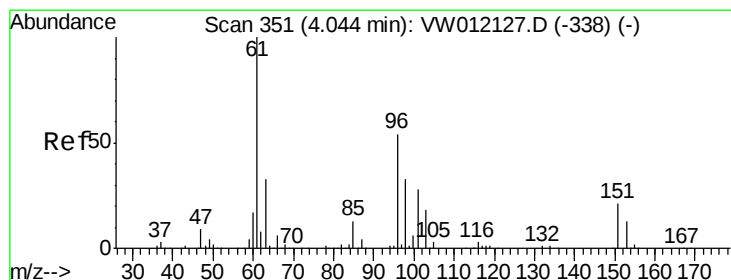
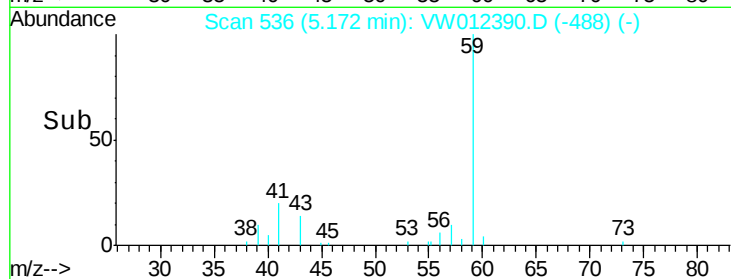
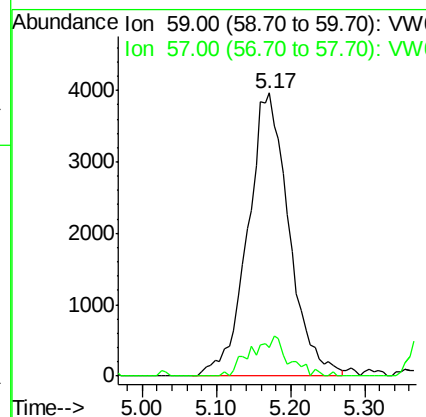
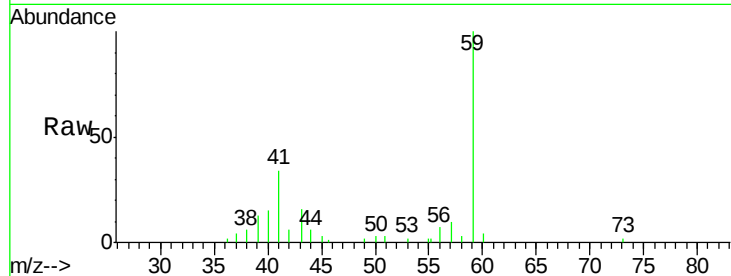
#11
Tert butyl alcohol
Concen: 102.254 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.7	9.0	13.4

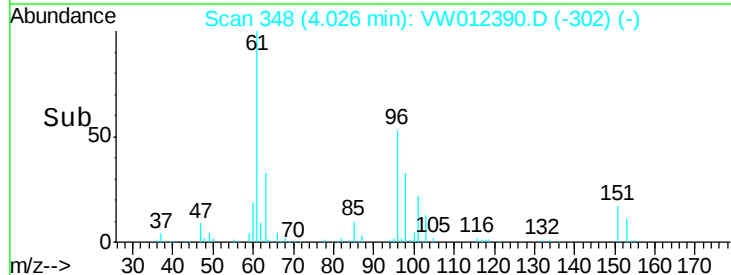
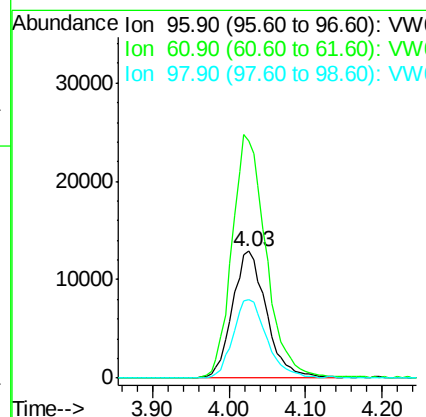
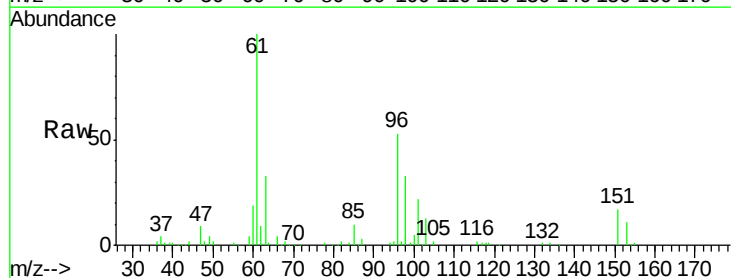
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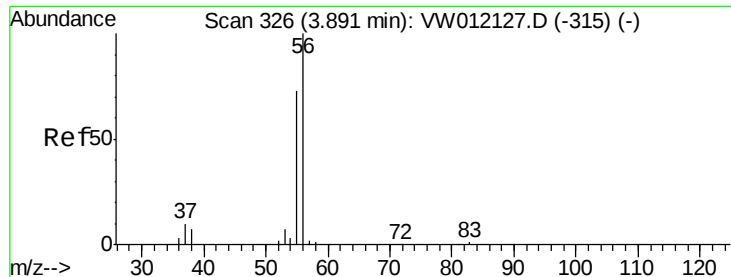
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#12
1,1-Dichloroethene
Concen: 18.846 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.02 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	187.4	149.1	223.7
98	61.9	49.4	74.2





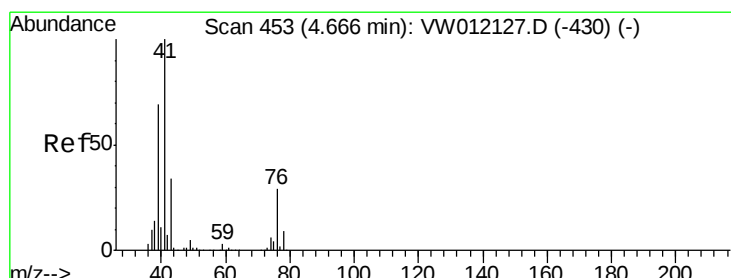
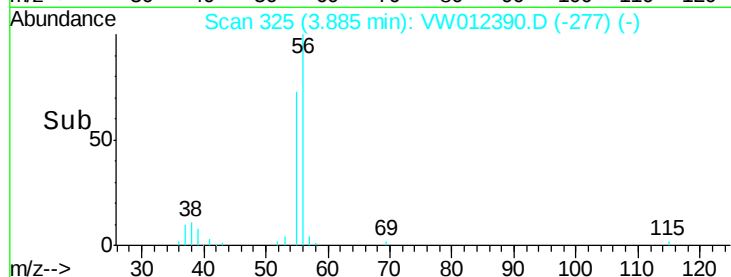
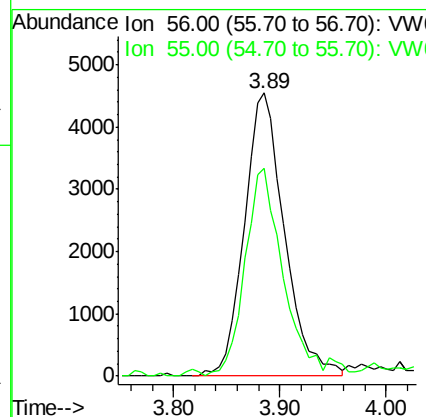
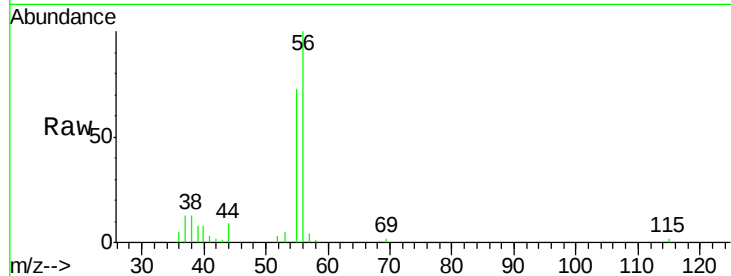
#13
Acrolein
Concen: 84.674 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	56	55	Ratio	100	68.5	Resp	Lower	Upper
12001								
							55.8	83.8

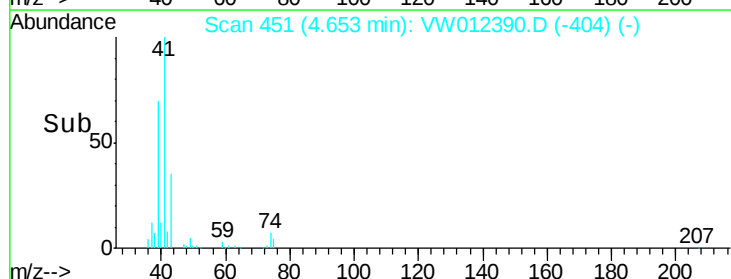
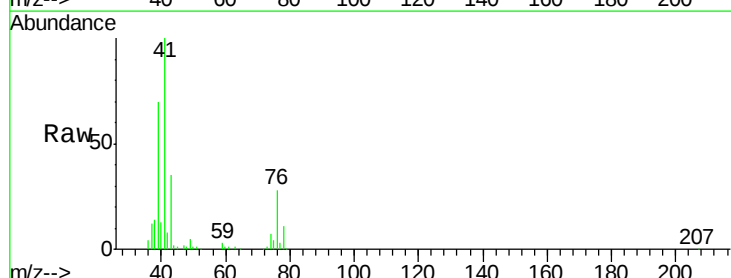
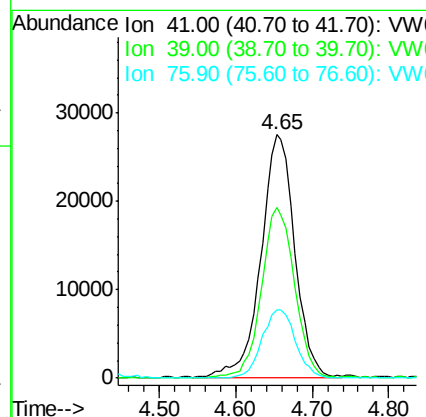
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#14
Allyl chloride
Concen: 18.729 ug/l
RT: 4.65 min Scan# 451
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	41	39	76	Ratio	100	69.1	28.0	Resp	Lower	Upper
84527										
									53.4	80.2
									22.1	33.1





#15

Acrylonitrile

Concen: 95.286 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Instrument :

MSVOA_W

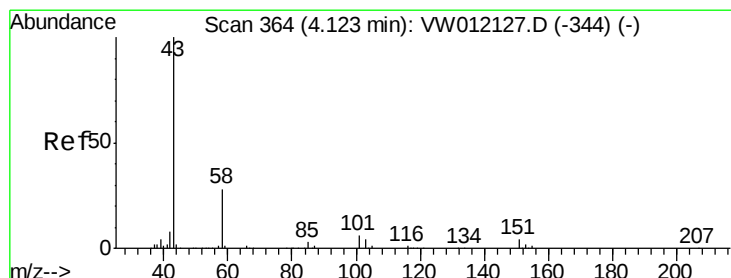
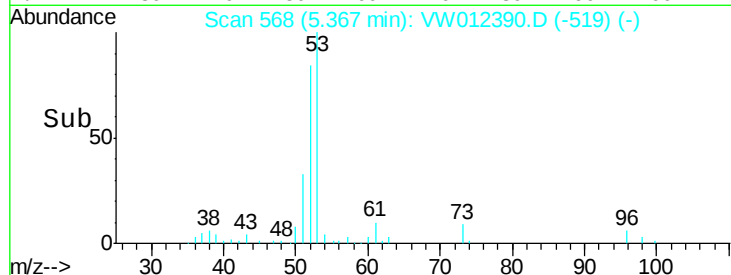
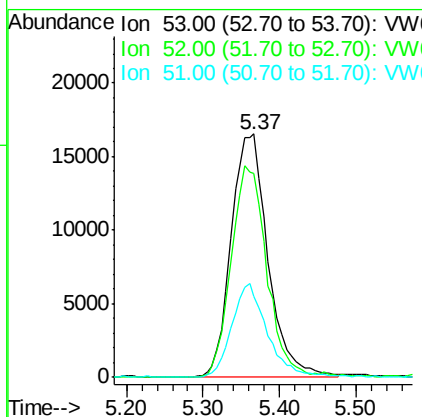
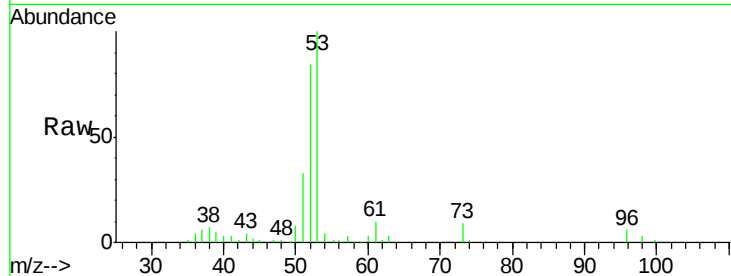
ClientSampleId :

VW0831SBS01

Tot Ion:	53	Resp:	55318
Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.7	100.1
51	37.2	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 85.607 ug/l

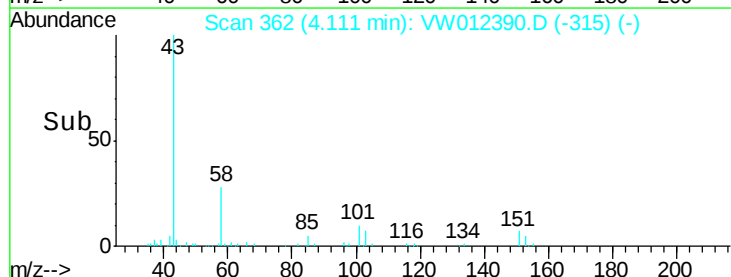
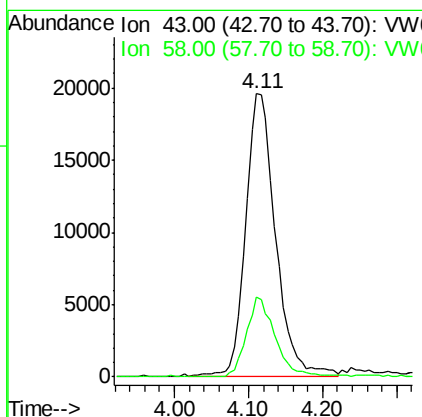
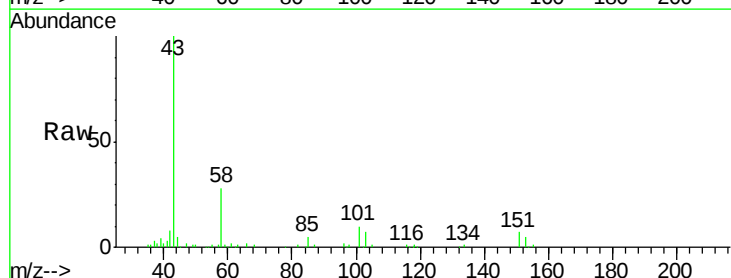
RT: 4.11 min Scan# 362

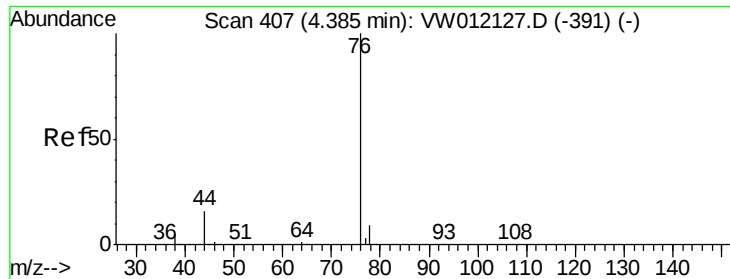
Delta R.T. -0.01 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Tgt Ion:	43	Resp:	54750
Ion	Ratio	Lower	Upper
43	100		
58	28.1	22.4	33.6





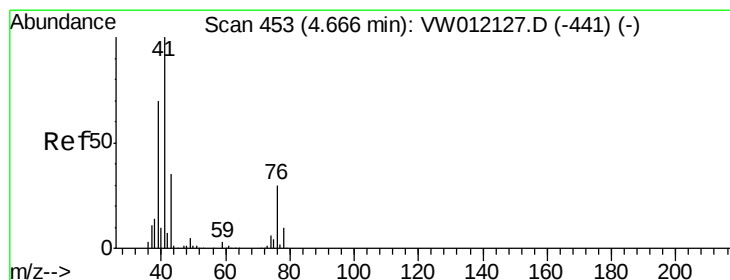
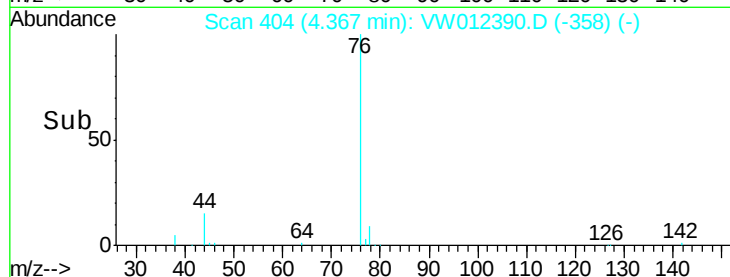
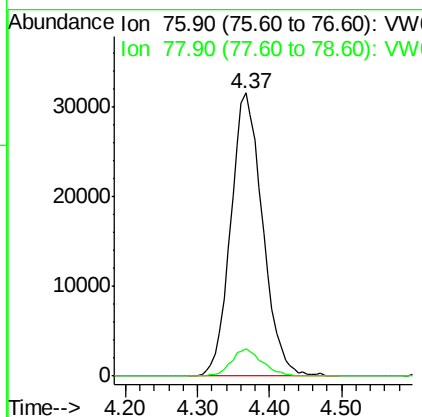
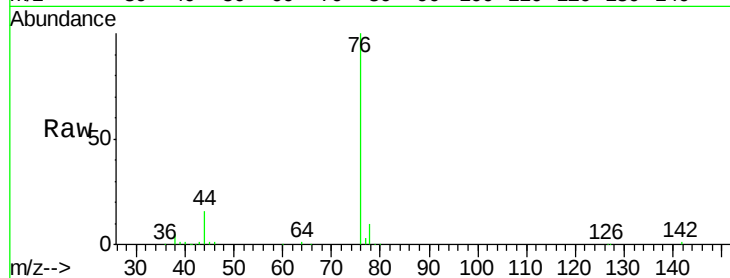
#17
Carbon Disulfide
Concen: 15.165 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.02 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	76	Resp	96758
Ion Ratio	100	Lower	Upper
76	100		
78	9.7	7.3	10.9

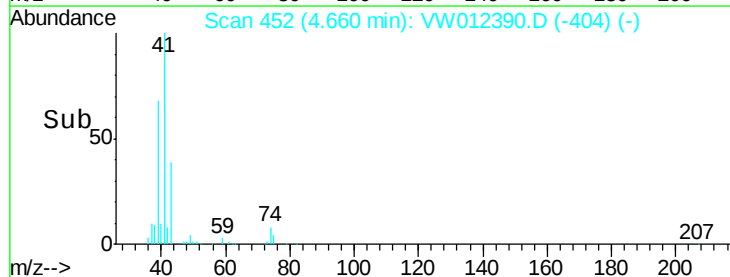
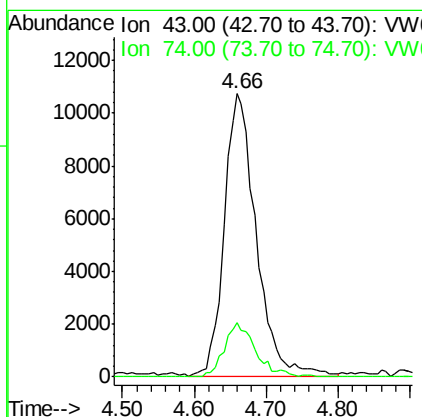
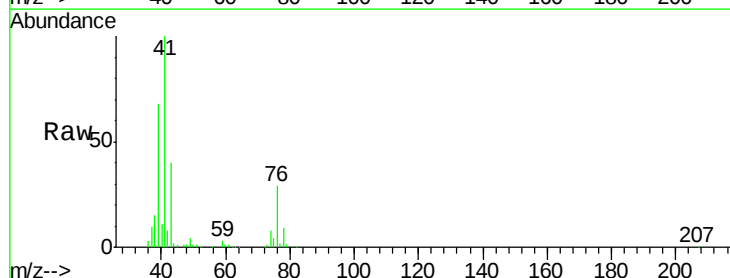
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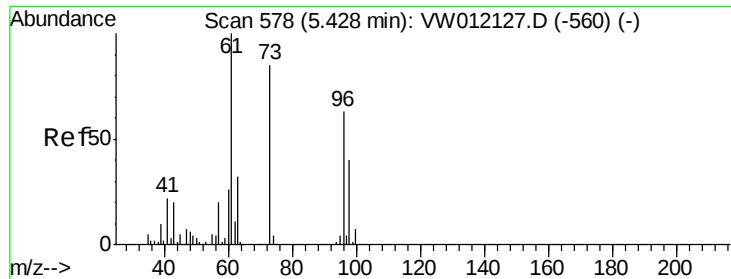
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#18
Methyl Acetate
Concen: 20.990 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	43	Resp	33250
Ion Ratio	100	Lower	Upper
43	100		
74	18.5	15.7	23.5





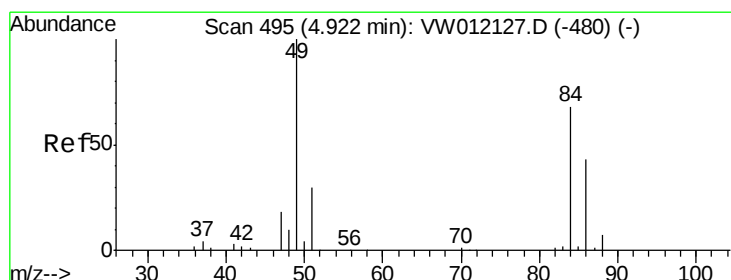
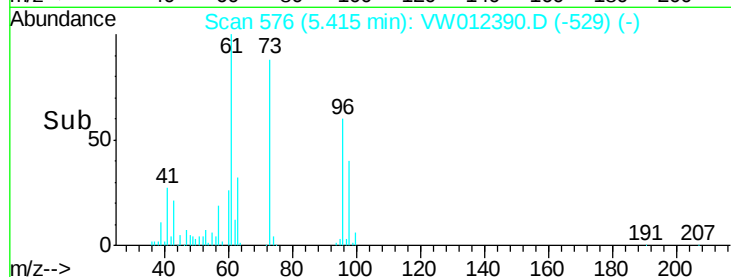
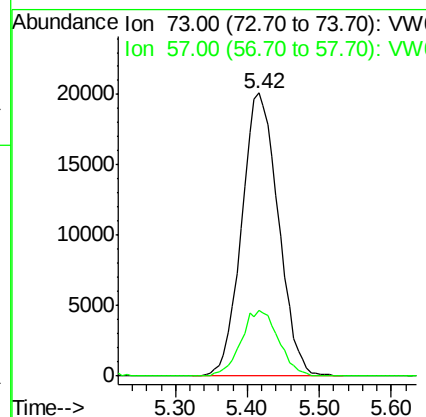
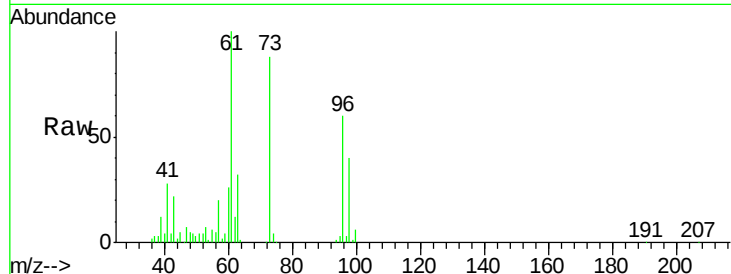
#19
Methvl tert-butvl Ether
Concen: 20.840 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion: 73 Resp: 71146
Ion Ratio Lower Upper
73 100
57 23.2 18.9 28.3

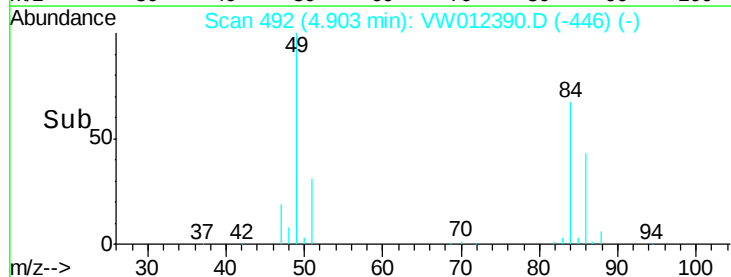
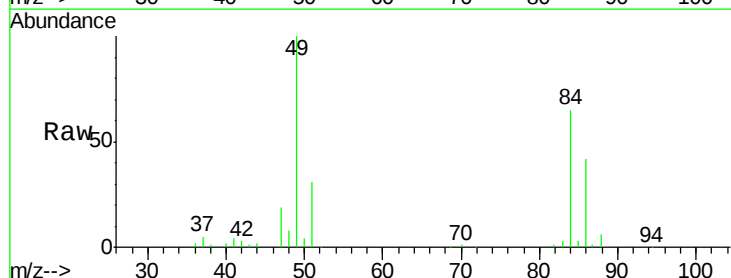
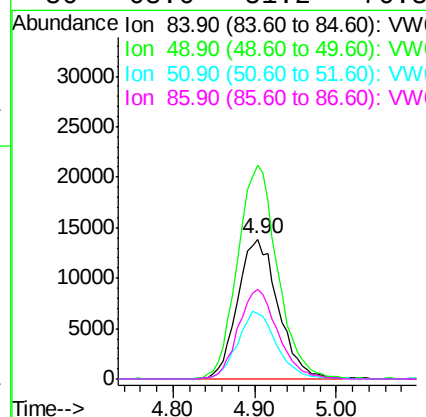
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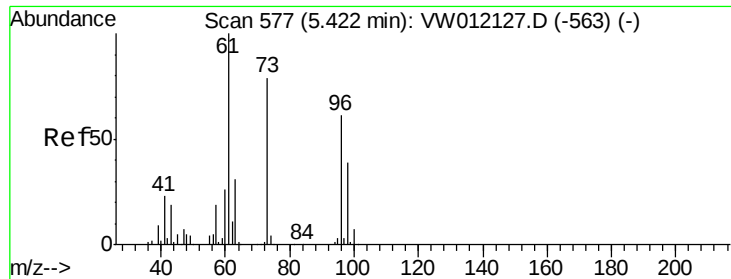
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#20
Methylene Chloride
Concen: 19.823 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion: 84 Resp: 47928
Ion Ratio Lower Upper
84 100
49 152.3 117.8 176.8
51 47.0 35.6 53.4
86 63.6 51.2 76.8





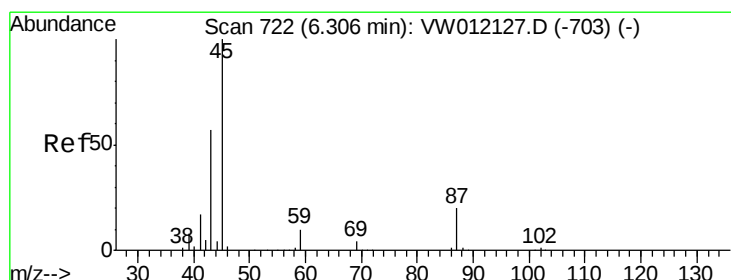
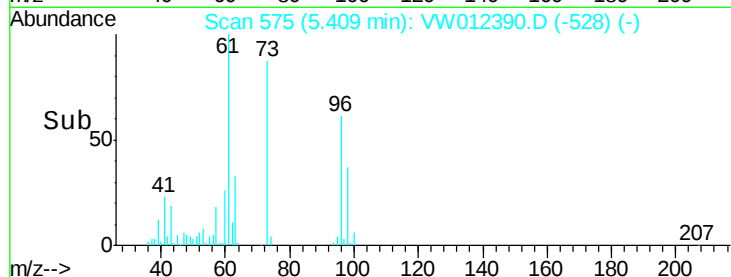
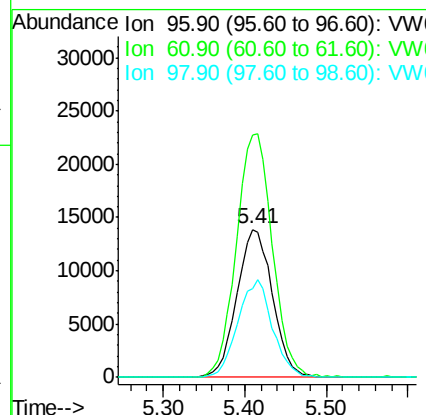
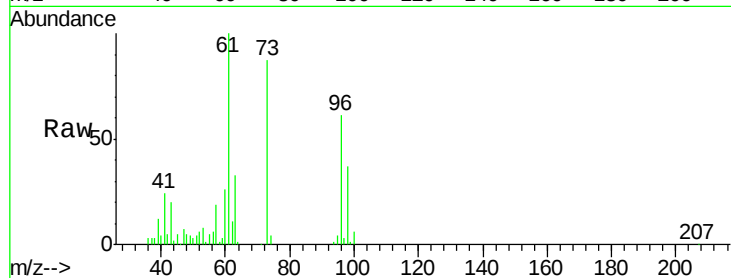
#21
trans-1,2-Dichloroethene
Concen: 18.597 ug/l
RT: 5.41 min Scan# 575
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.2	131.4	197.0
98	60.2	51.4	77.0

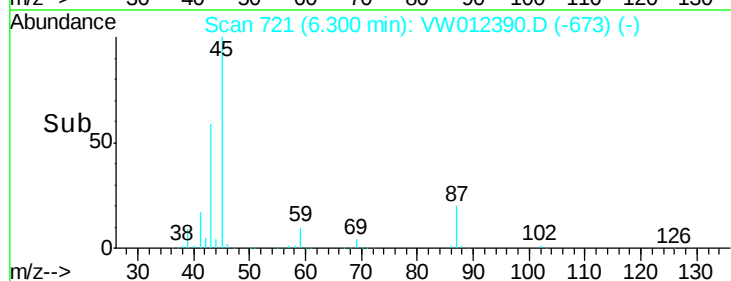
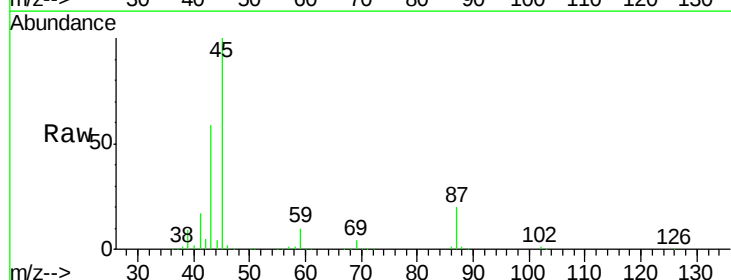
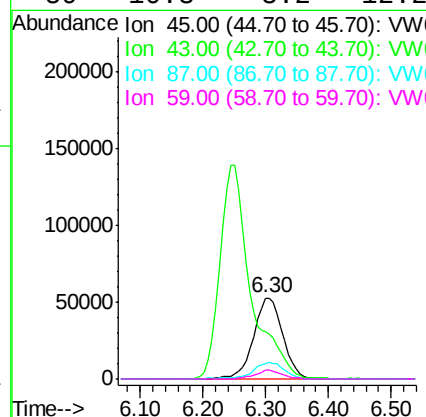
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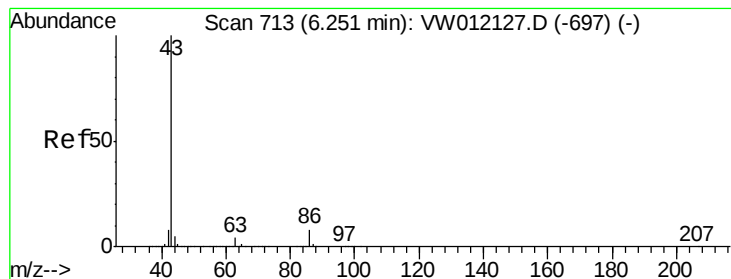
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#22
Diisopropyl ether
Concen: 20.327 ug/l
RT: 6.30 min Scan# 721
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.6	45.5	68.3
87	19.4	16.1	24.1
59	10.3	8.2	12.2





#23

Vinyl Acetate

Concen: 92.224 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBS01

Tot Ion: 43 Resp: 474805

Ion Ratio Lower Upper

43 100

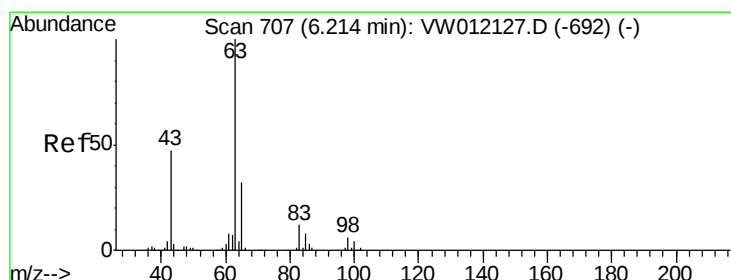
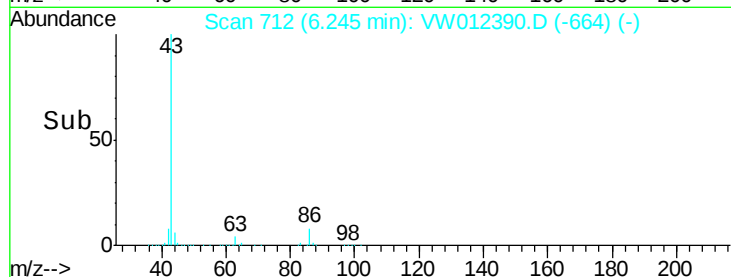
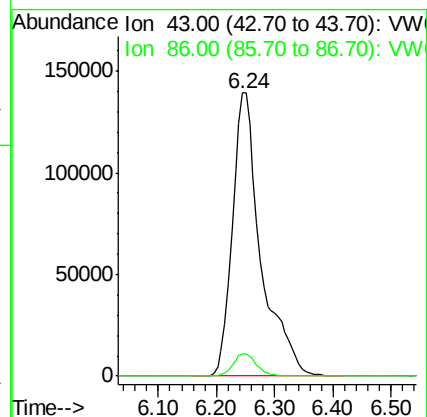
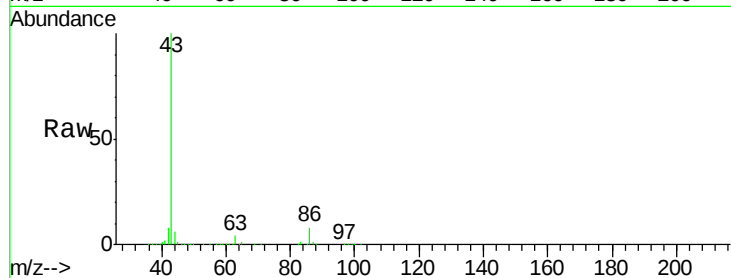
86 7.7 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 19.733 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

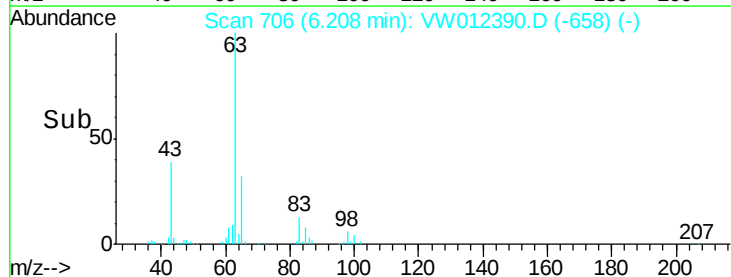
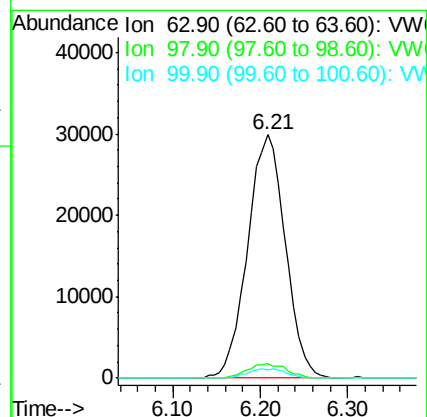
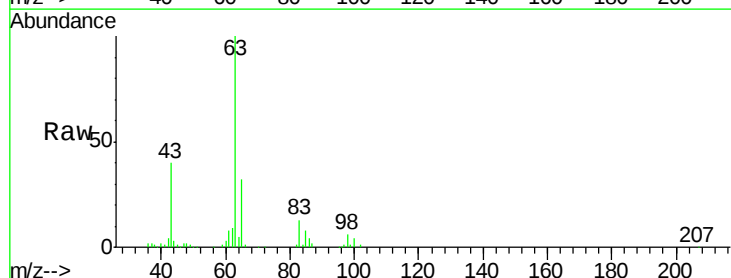
Tgt Ion: 63 Resp: 89885

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 3.6 2.0 6.0





#25

2-Butanone

Concen: 88.736 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBS01

Tot Ion: 43 Resp: 77119

Ion Ratio Lower Upper

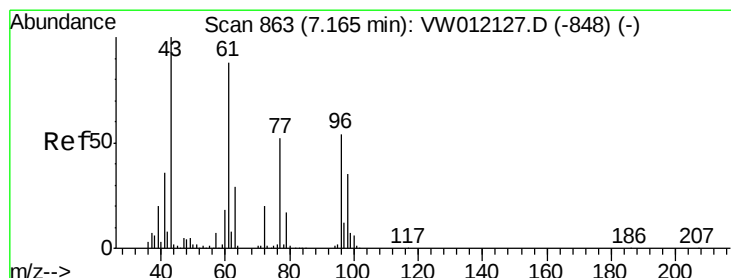
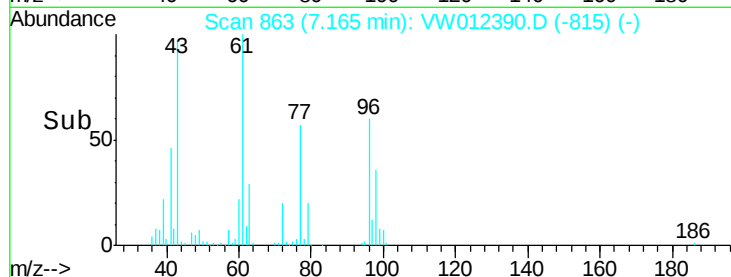
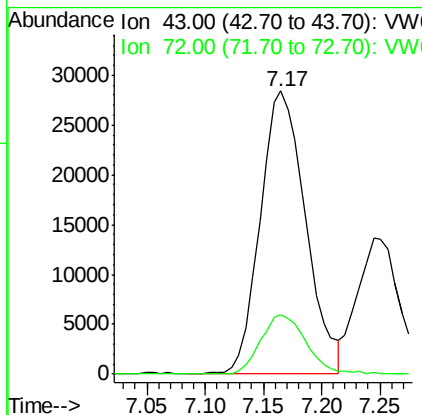
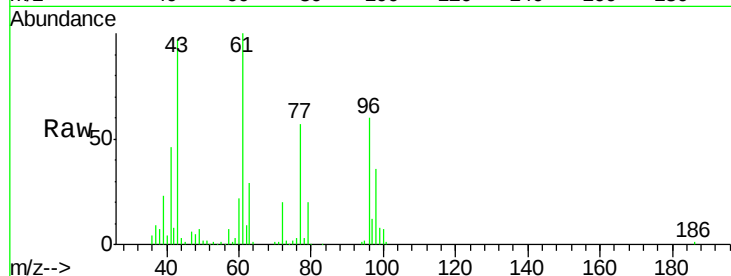
43 100

72 21.0 16.6 24.8

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 20.718 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012390.D

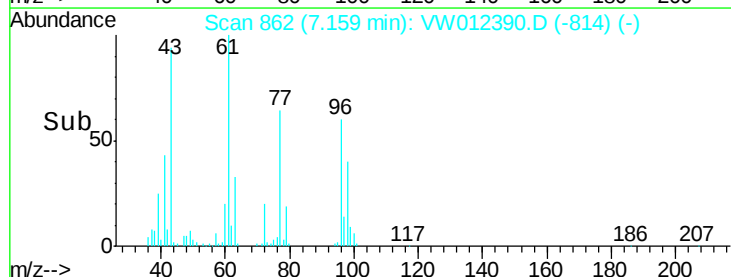
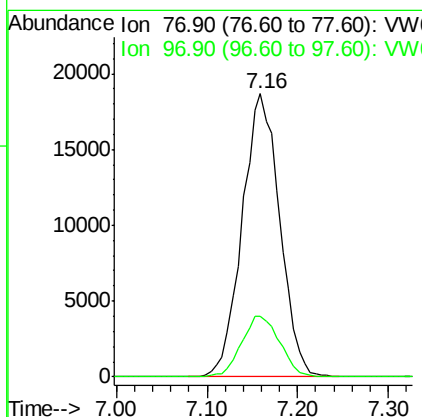
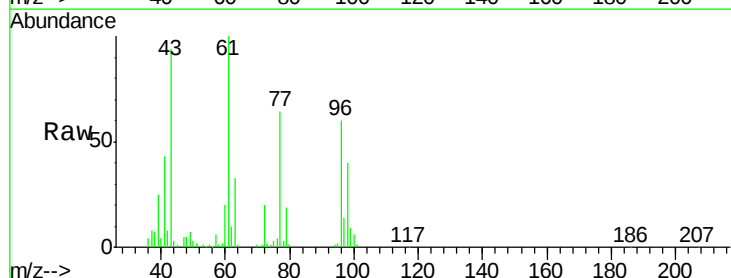
Acq: 31 Aug 2019 10:51

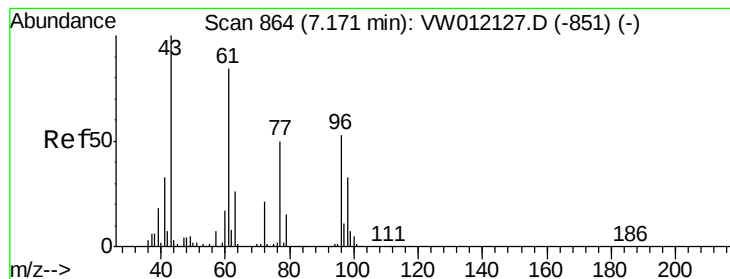
Tgt Ion: 77 Resp: 53415

Ion Ratio Lower Upper

77 100

97 21.9 11.1 33.1





#27

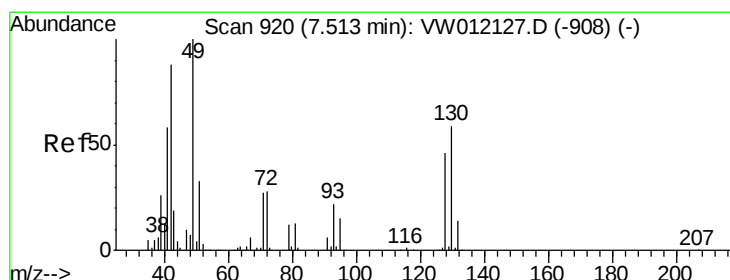
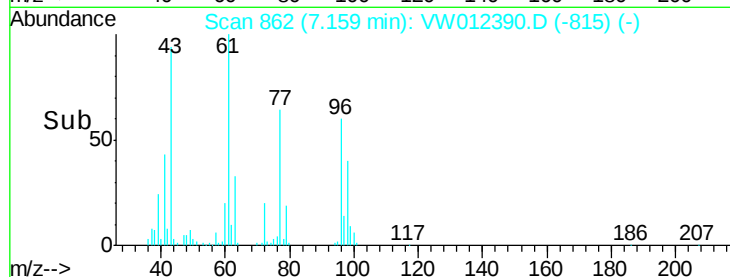
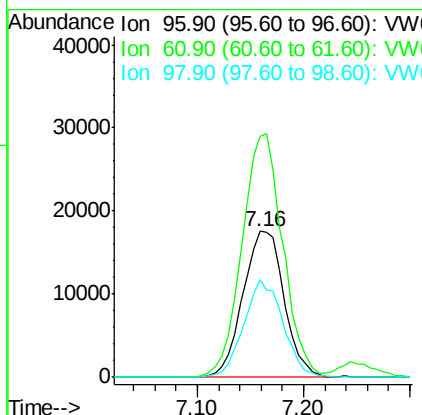
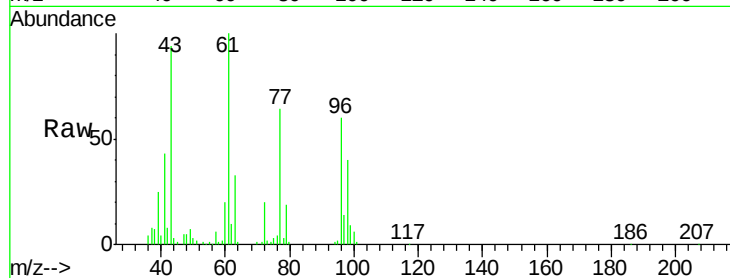
cis-1,2-Dichloroethene
Concen: 19.675 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	165.3	0.0	326.6
98	63.6	0.0	127.4

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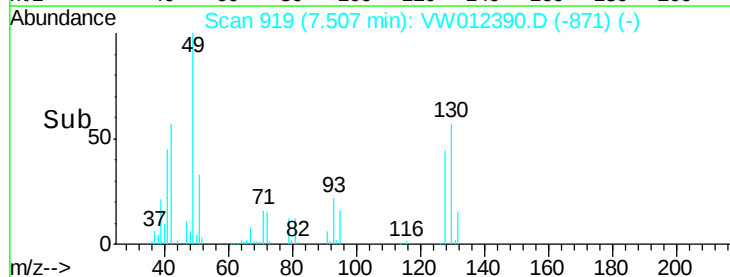
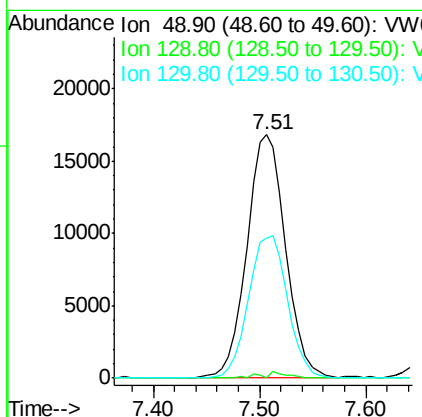
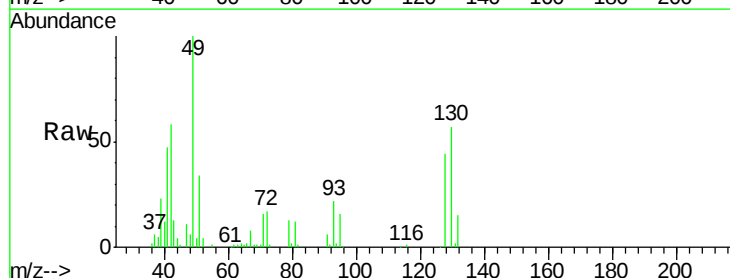
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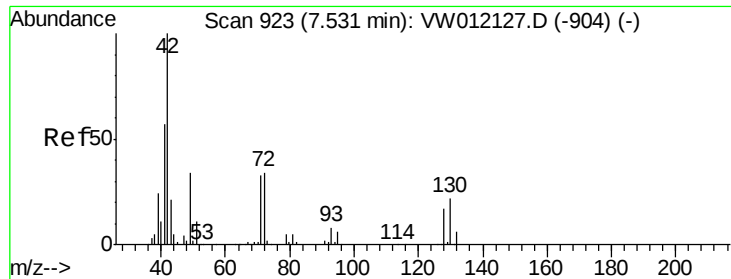


#28

Bromochloromethane
Concen: 21.610 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	1.4
130	59.2	45.5	68.3





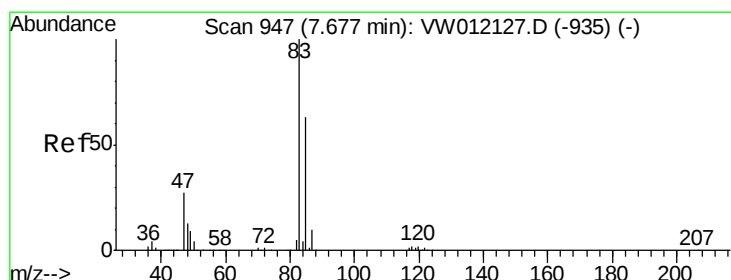
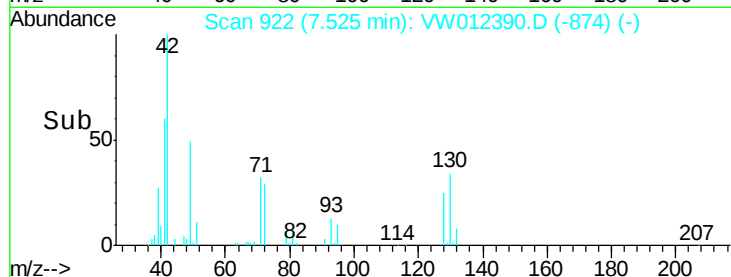
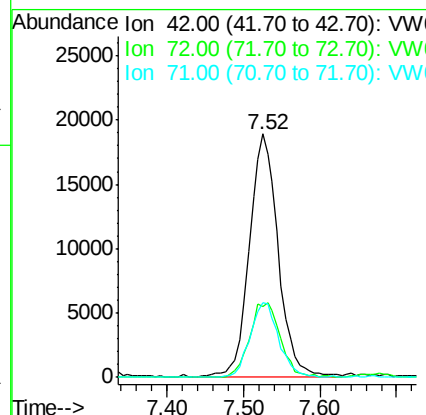
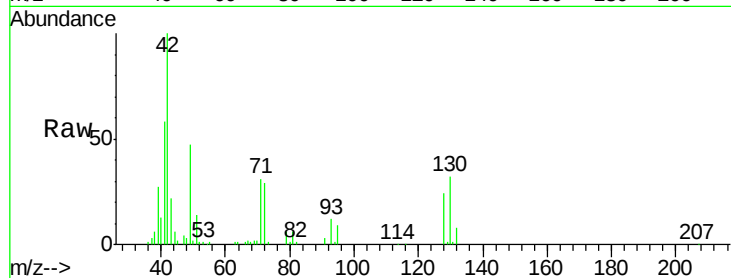
#29
Tetrahydrofuran
Concen: 94.037 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.2	27.3	40.9
71	31.0	25.5	38.3

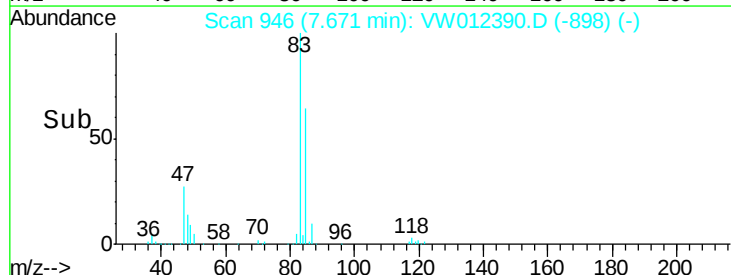
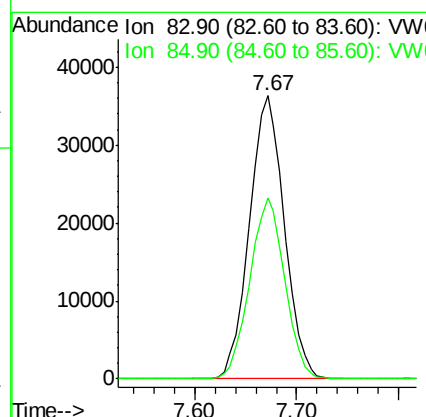
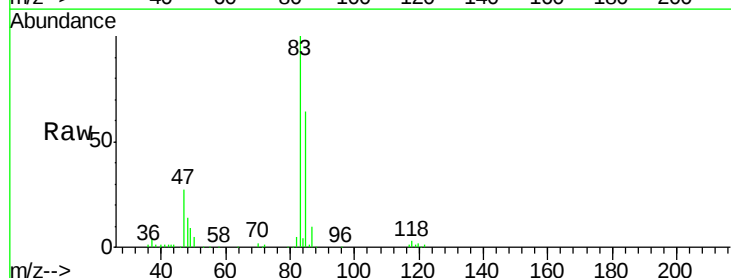
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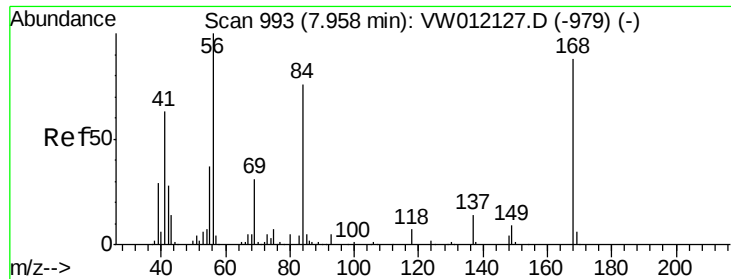
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#30
Chloroform
Concen: 20.764 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.6	76.0





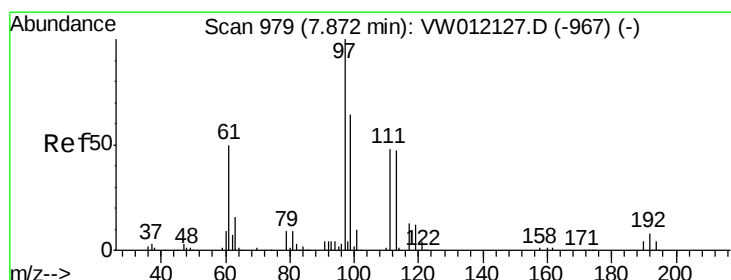
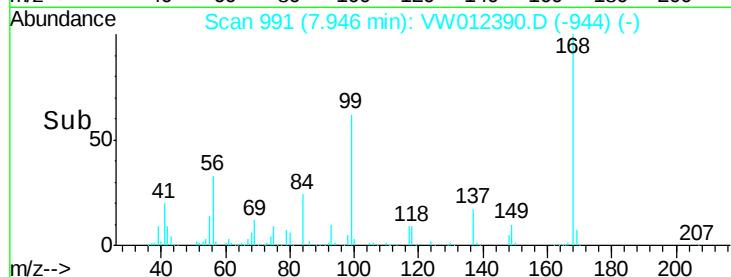
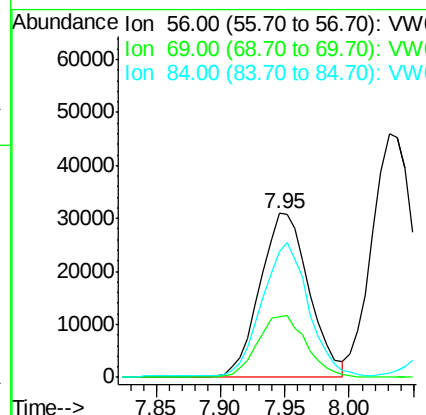
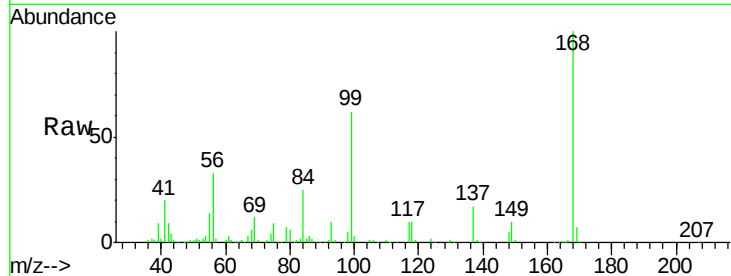
#31
Cyclohexane
Concen: 18.198 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.0	24.9	37.3
84	75.1	60.6	90.8

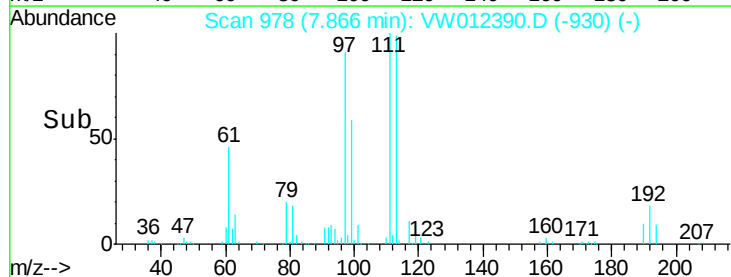
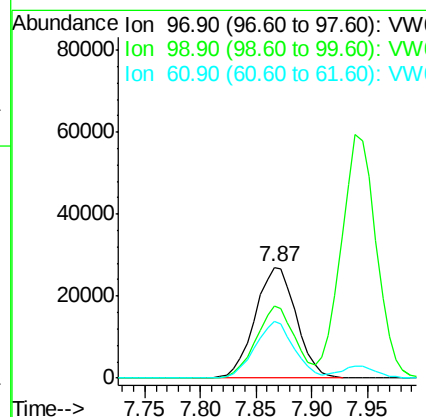
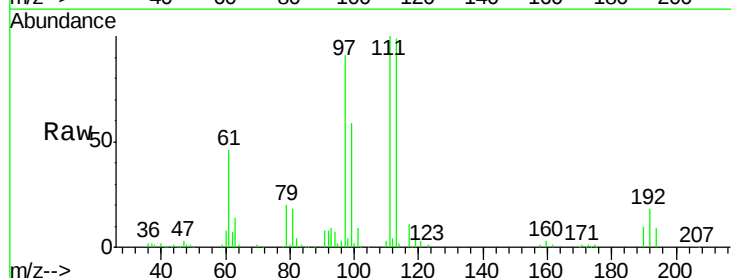
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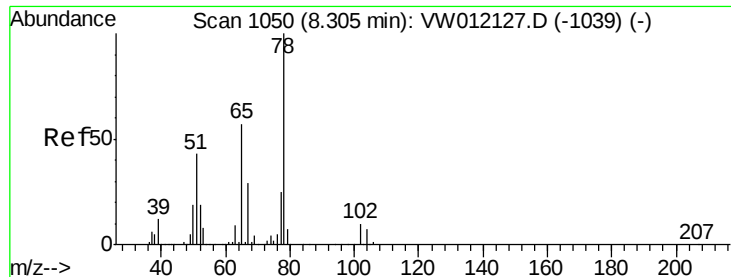
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#32
1,1,1-Trichloroethane
Concen: 21.080 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.1	51.4	77.0
61	48.8	39.5	59.3





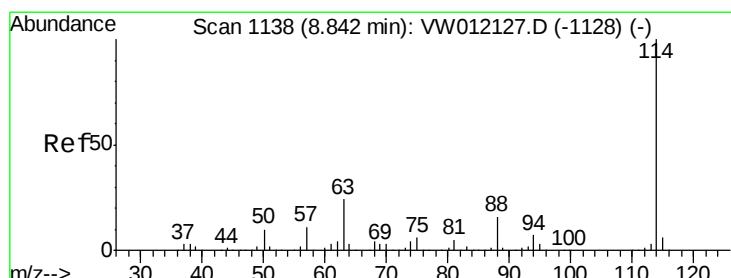
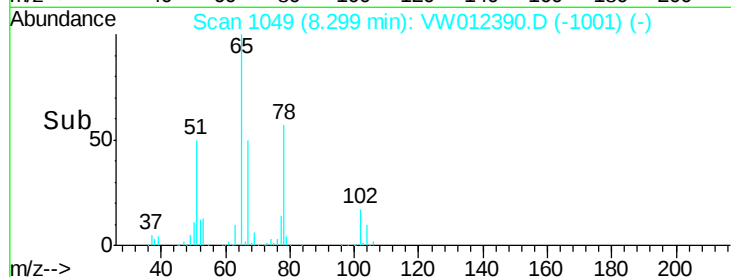
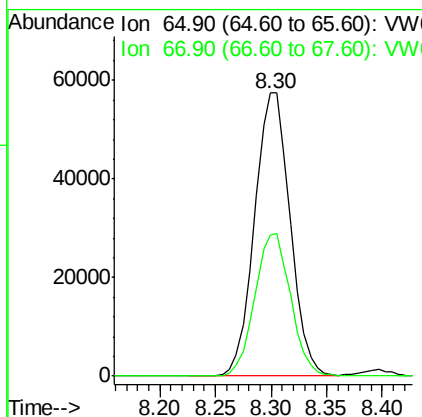
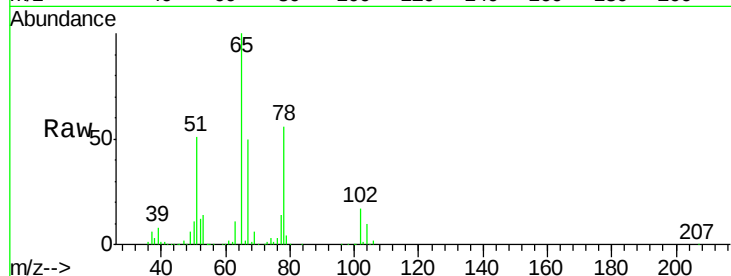
#33
 1,2-Dichloroethane-d4
 Concen: 51.196 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	128090		
67	50.7	0.0	102.6	

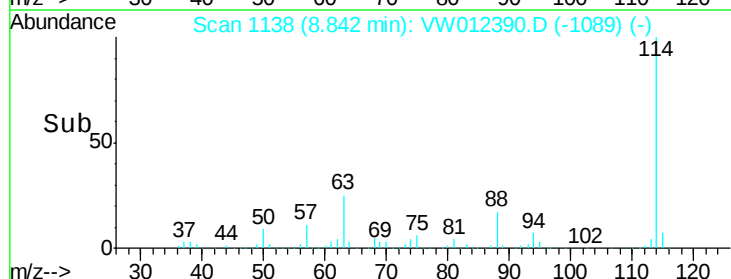
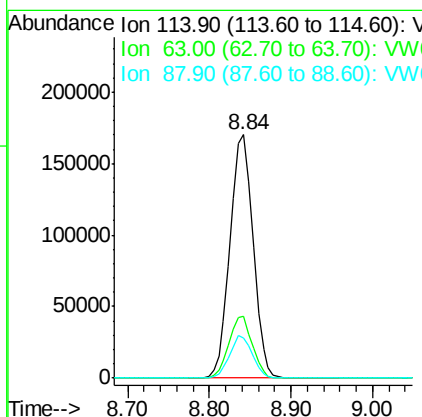
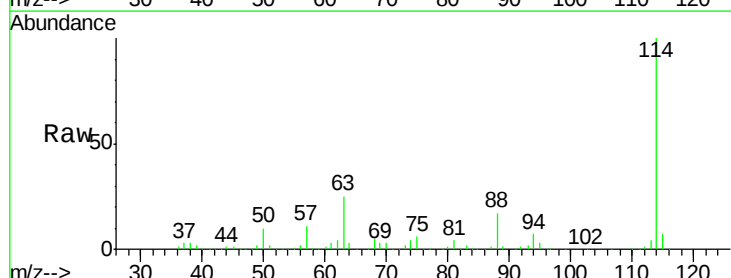
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	331634		
63	25.3	0.0	48.6	
88	16.7	0.0	32.2	





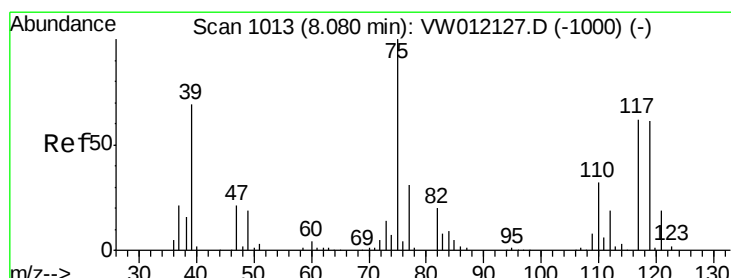
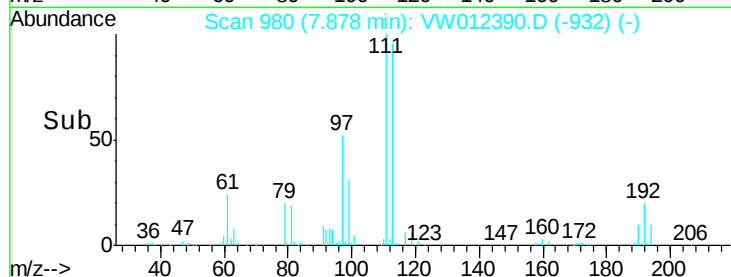
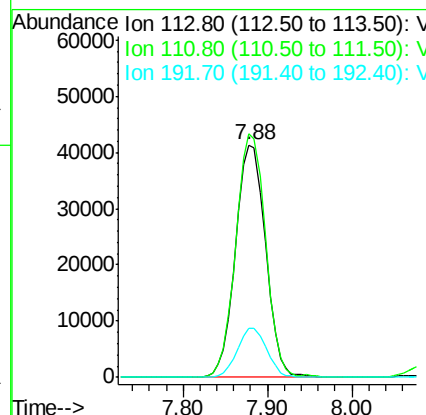
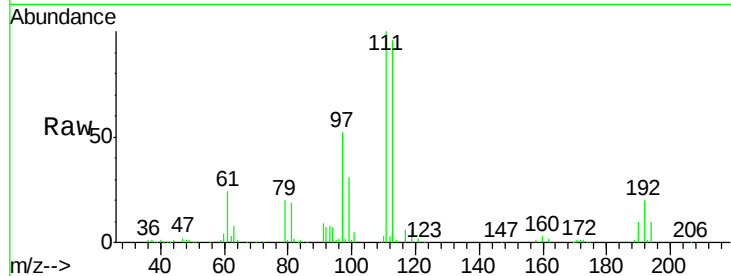
#35
 Dibromofluoromethane
 Concen: 50.526 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	100017		
111	103.3	82.7	124.1	
192	20.7	16.2	24.2	

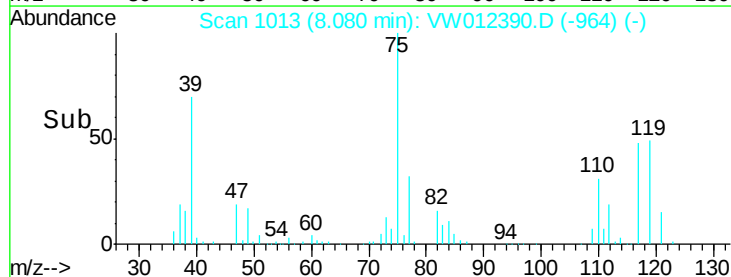
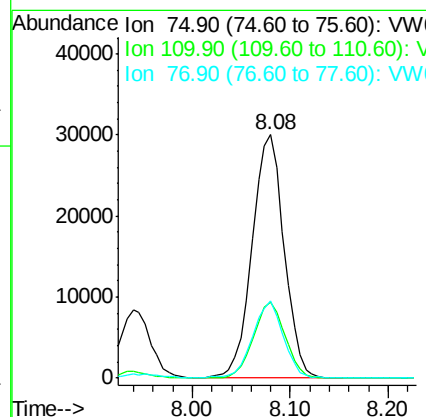
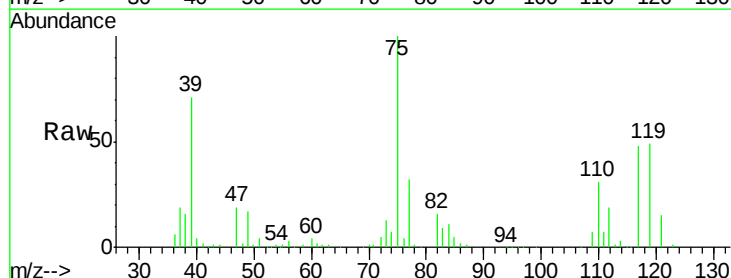
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#36
 1,1-Dichloropropene
 Concen: 19.895 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	68182		
110	30.7	15.6	46.8	
77	30.5	24.6	36.8	





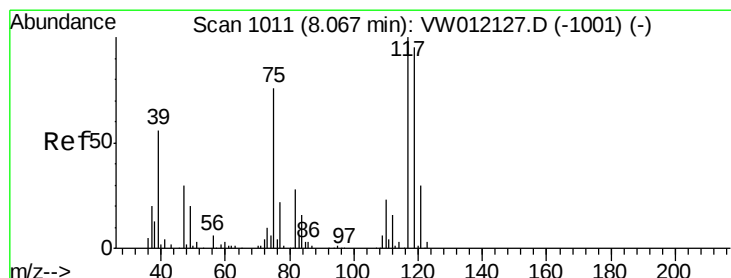
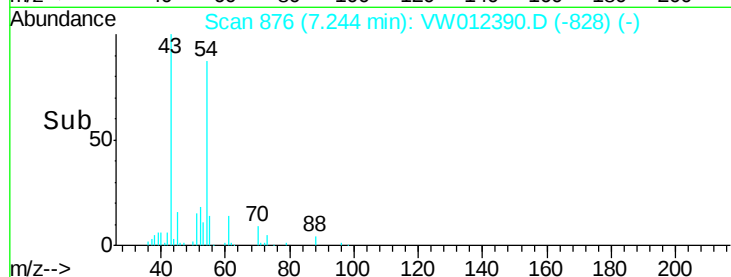
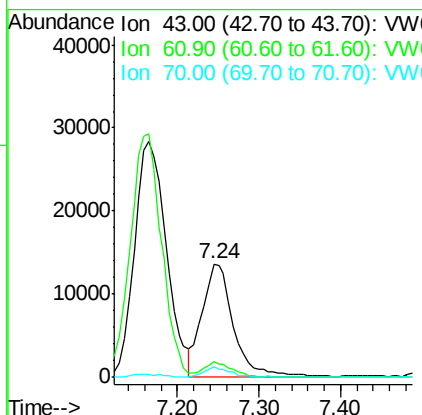
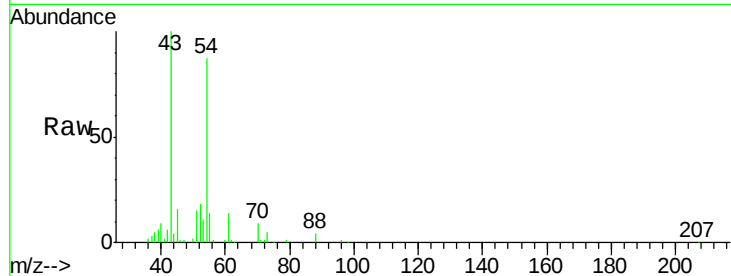
#37
Ethyl Acetate
Concen: 19.297 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.2	13.8
70	7.9	6.9	10.3

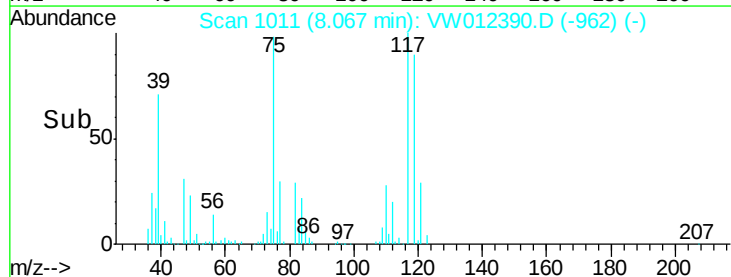
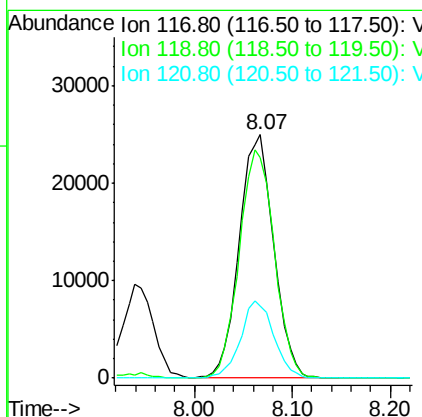
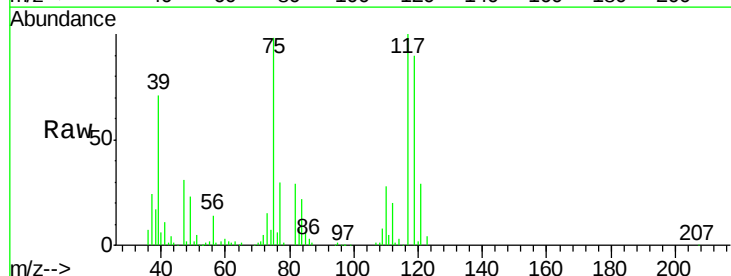
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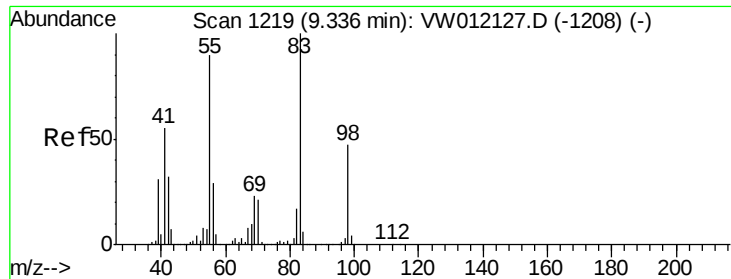
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#38
Carbon Tetrachloride
Concen: 20.632 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.4	76.2	114.2
121	29.4	23.8	35.8





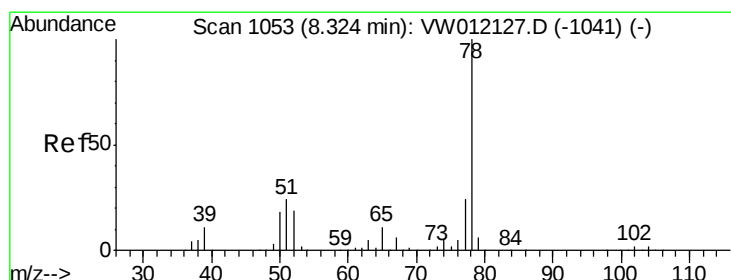
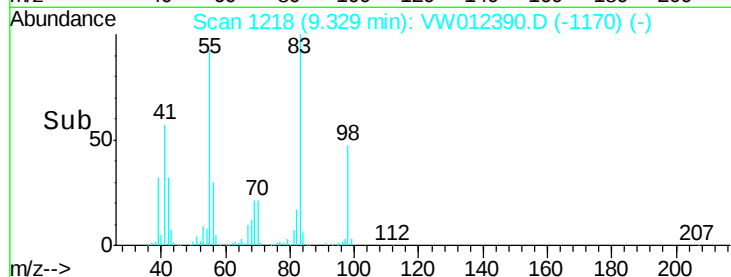
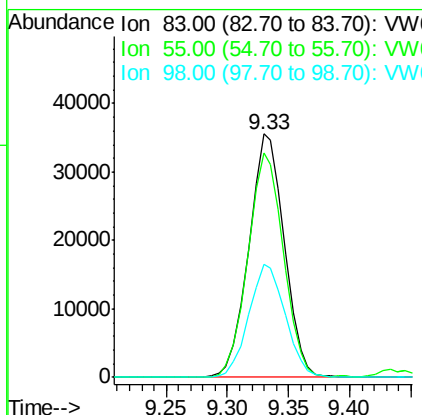
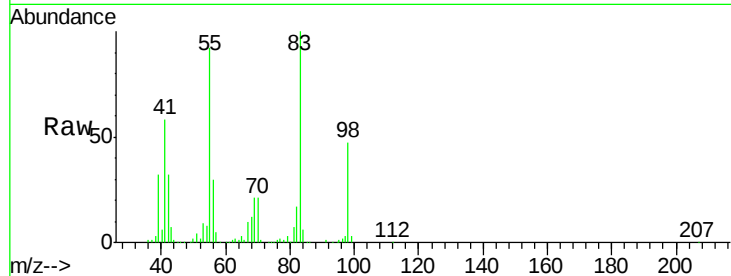
#39
Methvlcvclohexane
Concen: 18.622 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	92.0	71.8	107.8
98	46.7	37.8	56.8

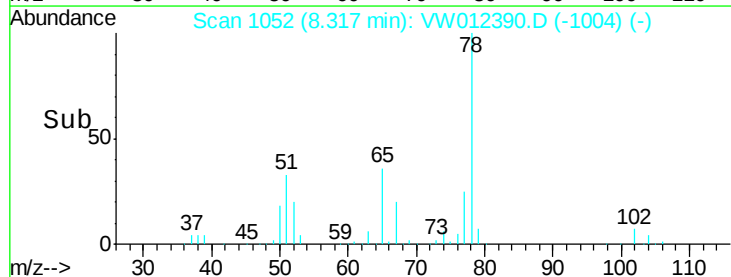
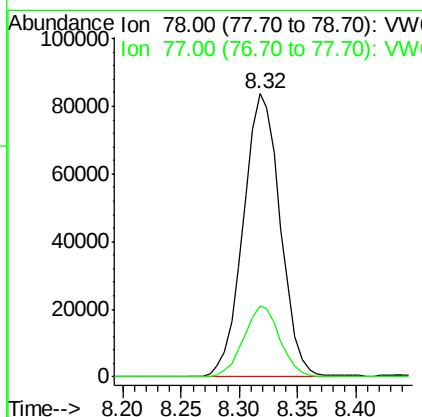
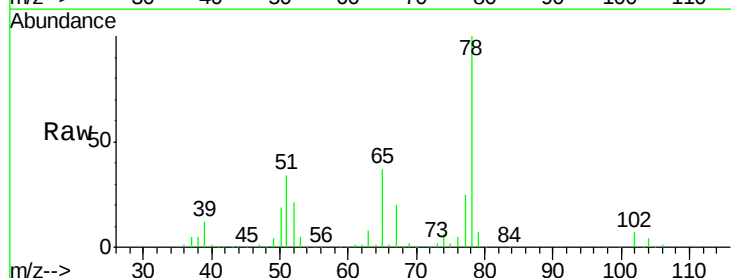
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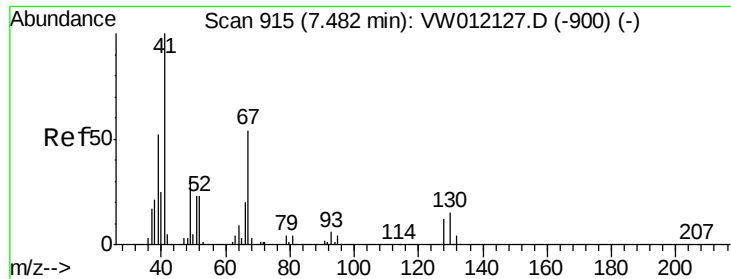
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#40
Benzene
Concen: 19.876 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.5	29.3





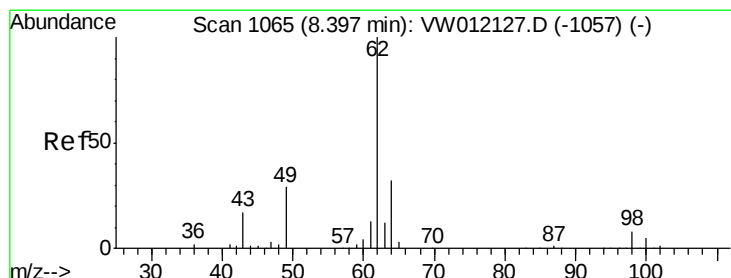
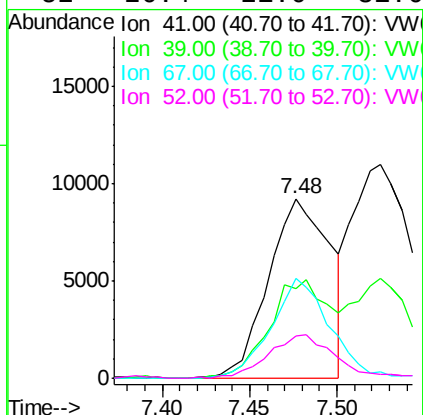
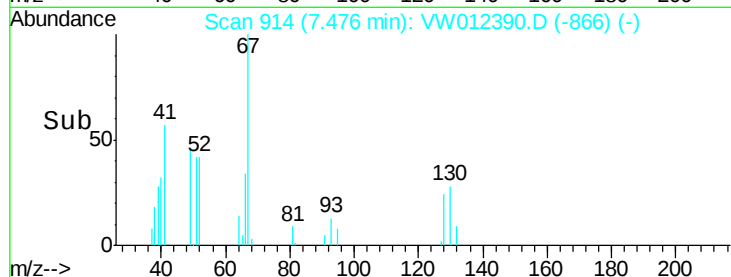
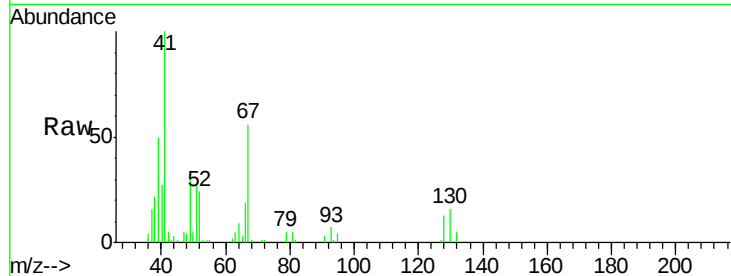
#41
Methacrylonitrile
Concen: 20.508 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	41	Resp	22636
Ion	Ratio	Lower	Upper
41	100		
39	54.0	45.8	68.8
67	54.1	46.2	69.4
52	26.4	21.0	31.6

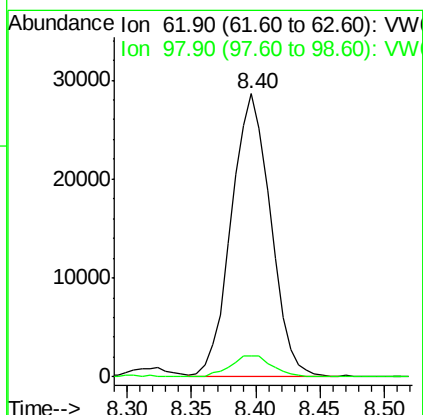
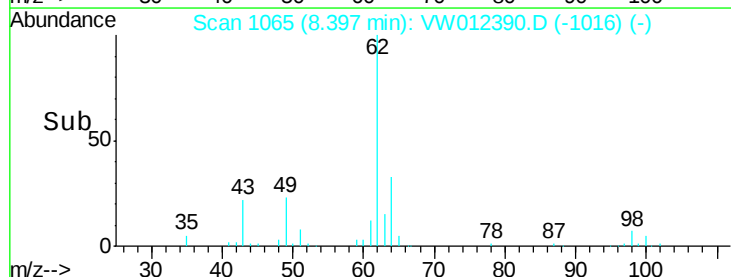
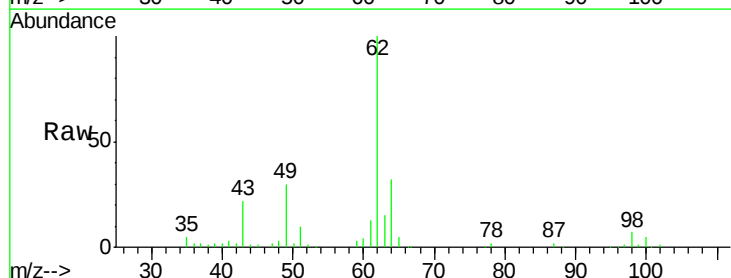
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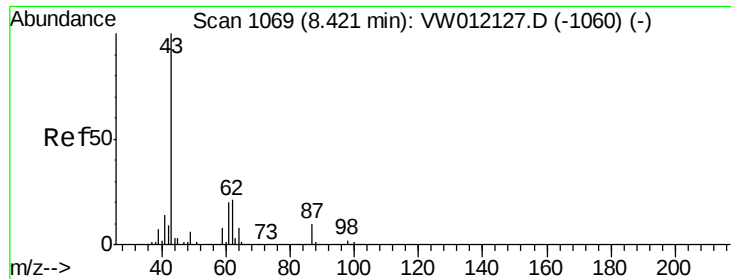
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#42
1,2-Dichloroethane
Concen: 20.633 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	62	Resp	60514
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.773 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Instrument :

MSVOA_W

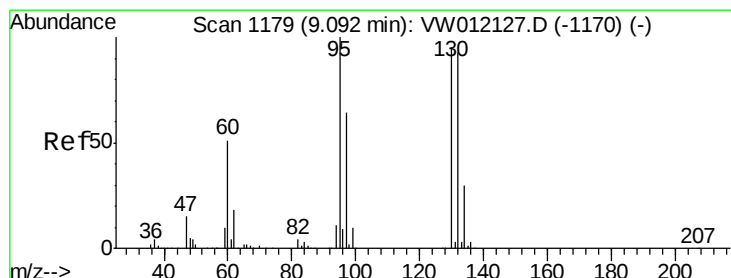
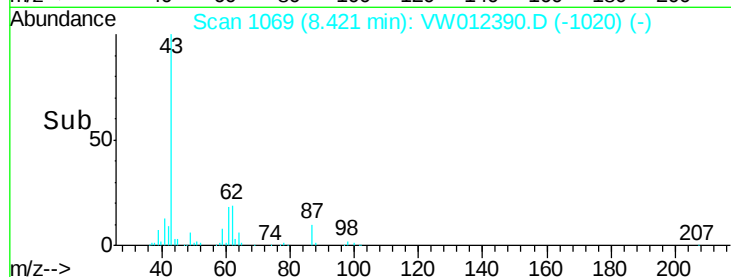
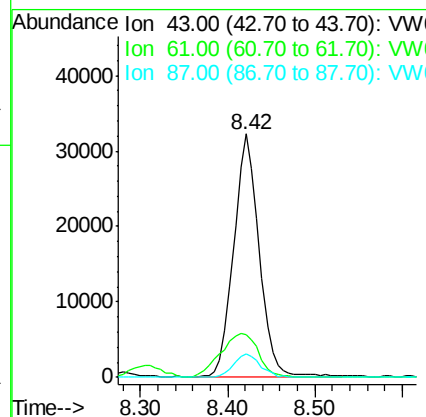
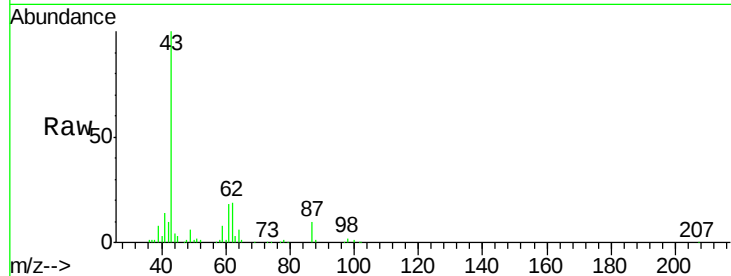
ClientSampleId :

VW0831SBS01

Tot Ion:	43	Resp:	65303
Ion	Ratio	Lower	Upper
43	100		
61	26.8	21.1	31.7
87	10.2	8.2	12.2

Manual Integrations
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#44

Trichloroethene

Concen: 19.836 ug/l

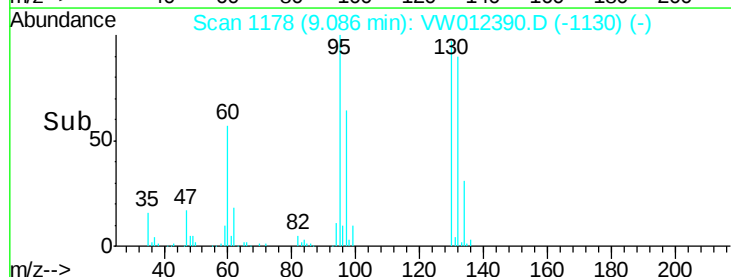
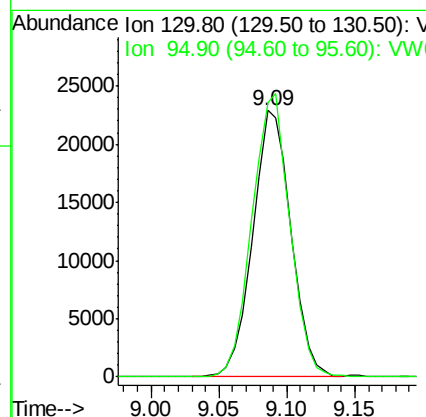
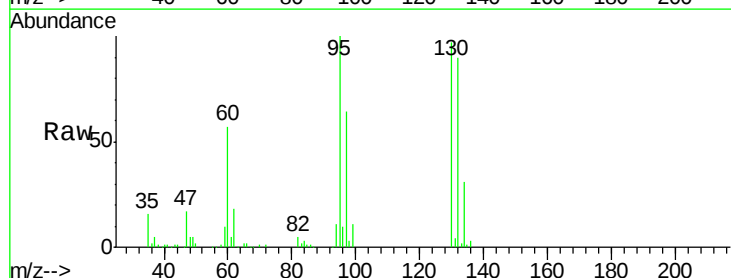
RT: 9.09 min Scan# 1178

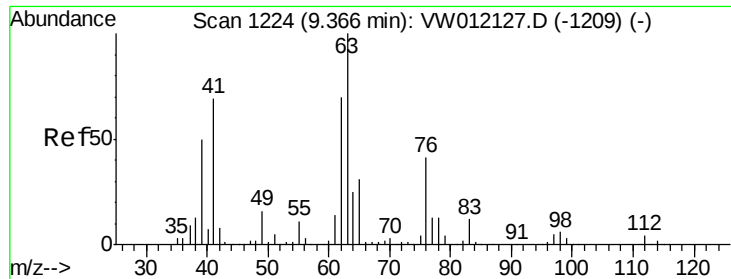
Delta R.T. -0.01 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Tgt Ion:	130	Resp:	45124
Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	210.6





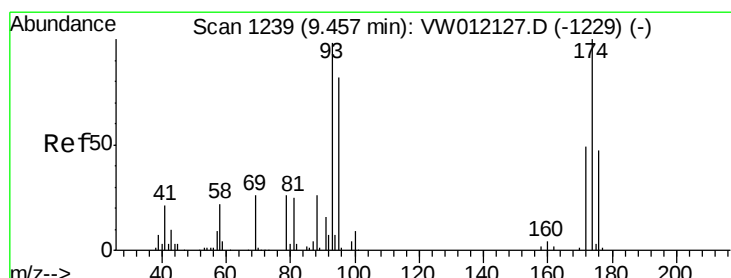
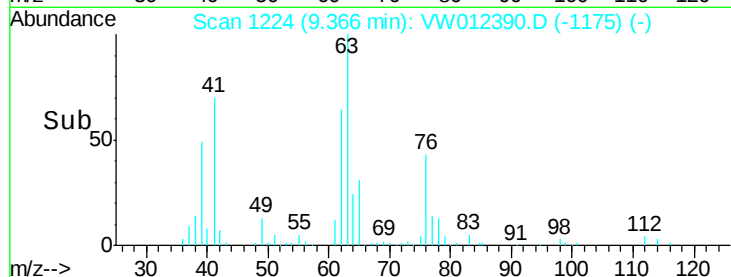
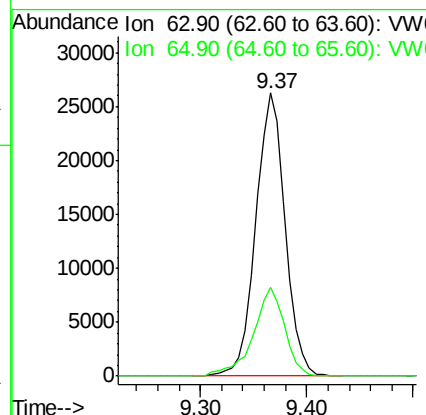
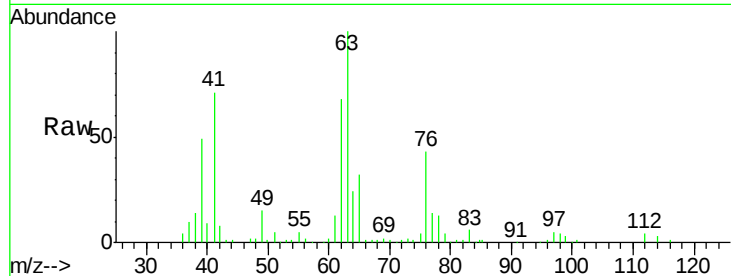
#45
 1,2-Dichloropropane
 Concen: 20.166 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	25.0	37.4

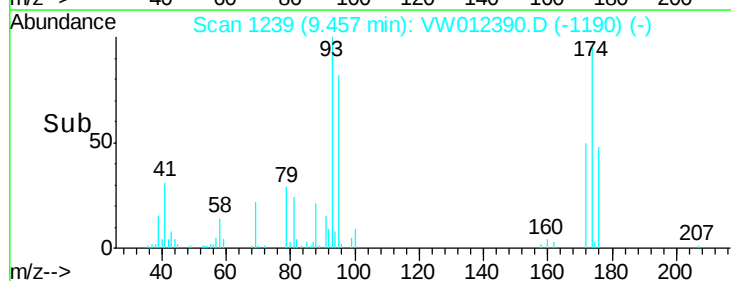
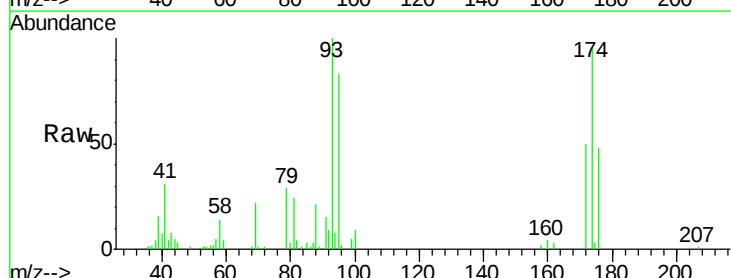
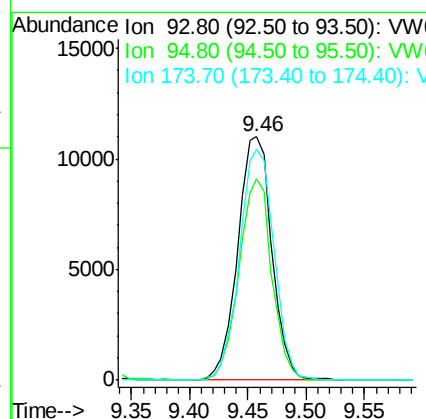
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#46
 Dibromomethane
 Concen: 20.099 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	79.3	67.2	100.8
174	95.5	79.0	118.6





#47

Bromodichloromethane

Concen: 19.728 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Instrument :

MSVOA_W

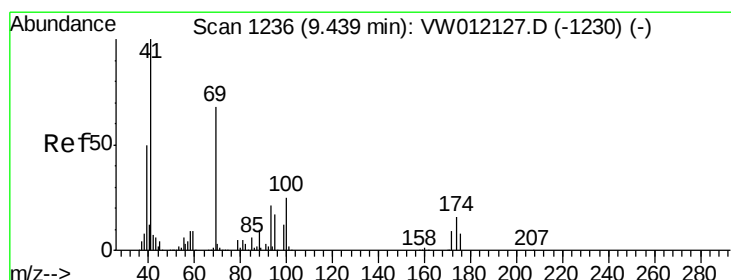
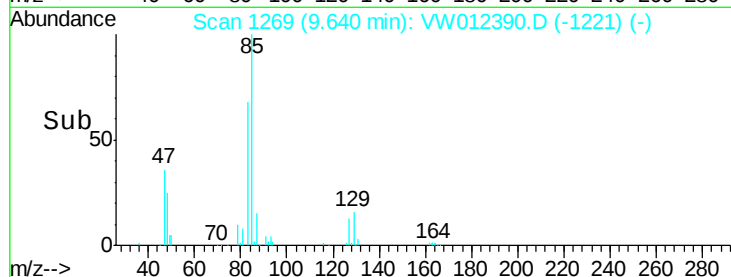
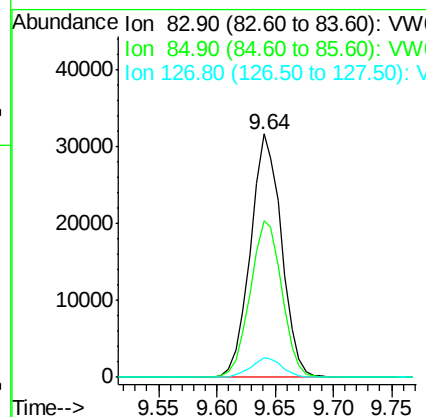
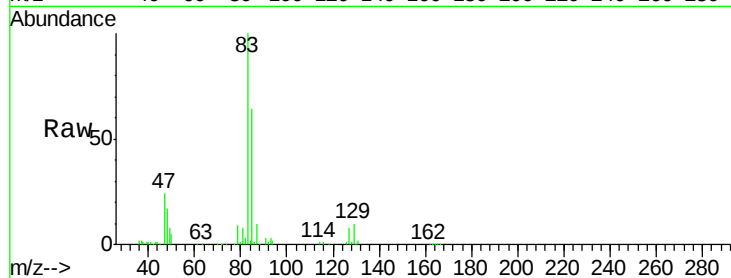
ClientSampleId :

VW0831SBS01

Tot Ion:	83	Resp:	58835
Ion	Ratio	Lower	Upper
83	100		
85	64.4	49.4	74.2
127	8.2	6.1	9.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.731 ug/l

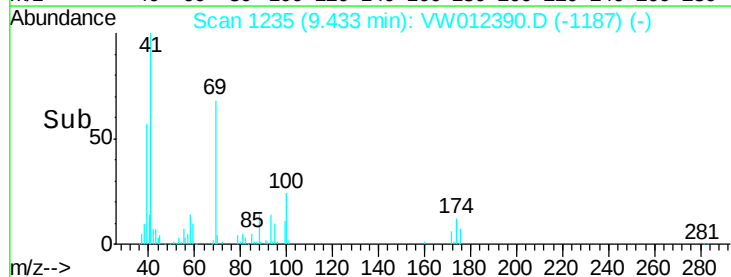
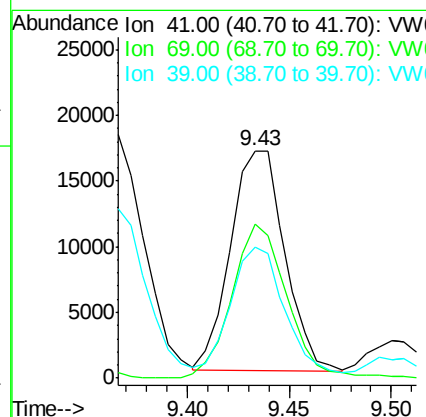
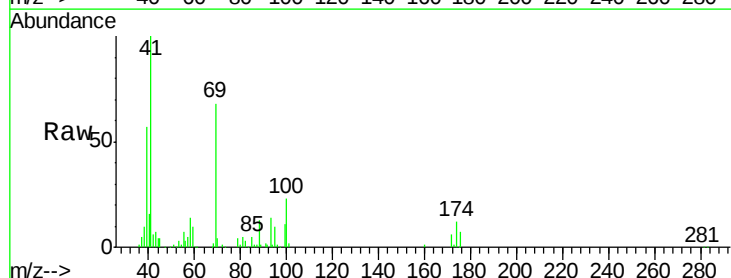
RT: 9.43 min Scan# 1235

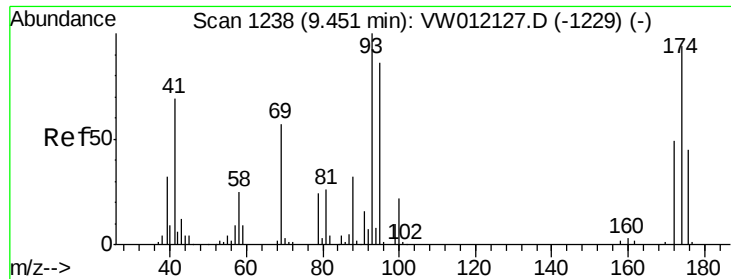
Delta R.T. -0.01 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Tgt Ion:	41	Resp:	31012
Ion	Ratio	Lower	Upper
41	100		
69	71.0	56.7	85.1
39	55.3	42.0	63.0





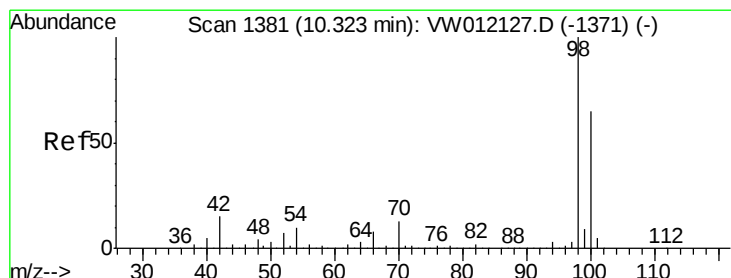
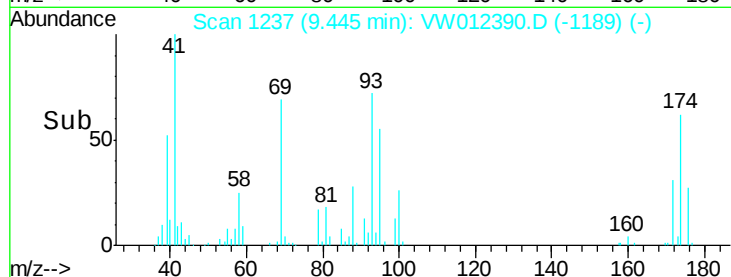
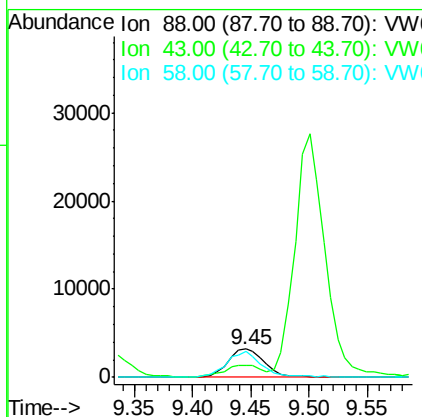
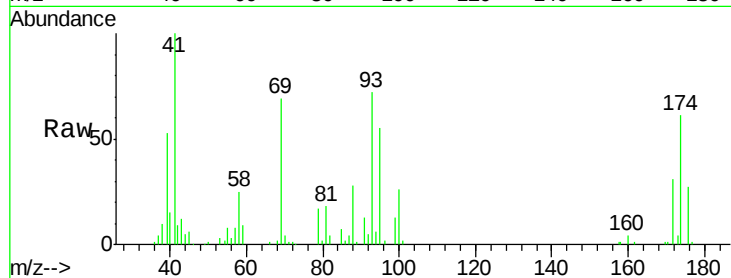
#49
1,4-Dioxane
Concen: 409.987 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	88	Resp	7033
Ion	Ratio	Lower	Upper
88	100		
43	45.1	32.9	49.3
58	90.7	71.0	106.4

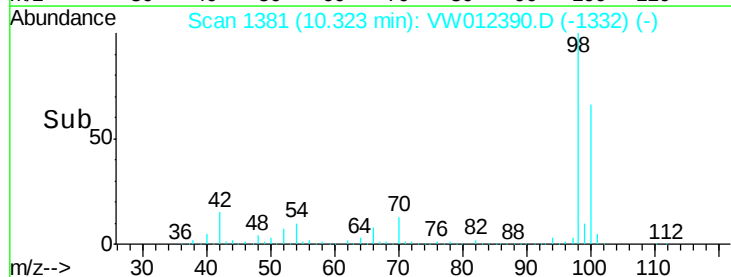
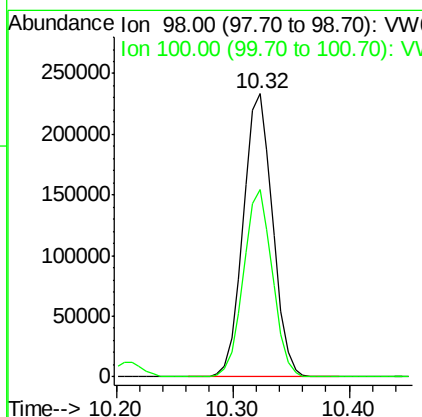
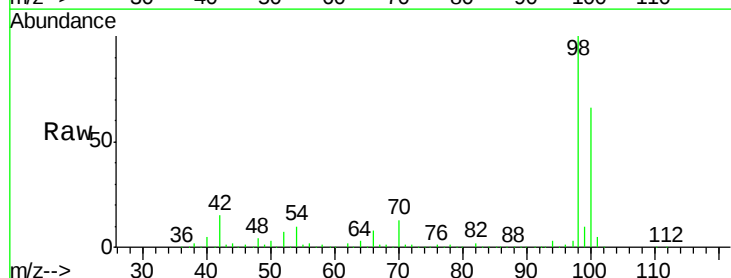
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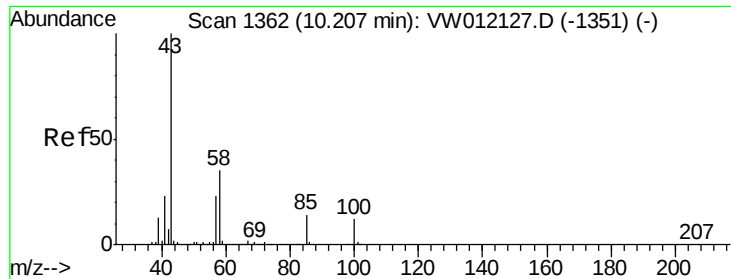
MMDadoda
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#50
Toluene-d8
Concen: 51.248 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	98	Resp	411337
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 97.333 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBS01

Tot Ion: 43 Resp: 172213

Ion Ratio Lower Upper

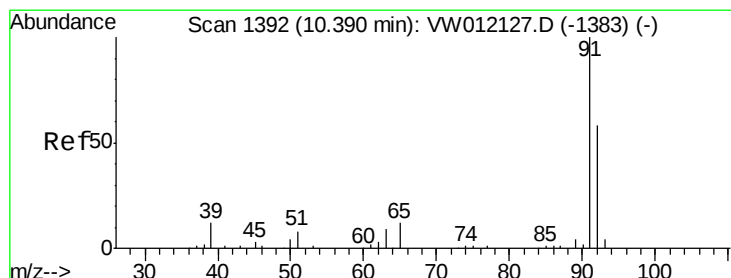
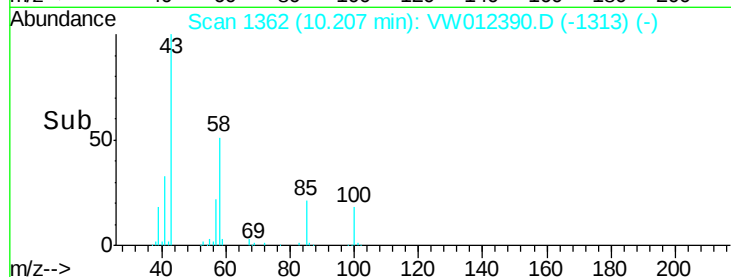
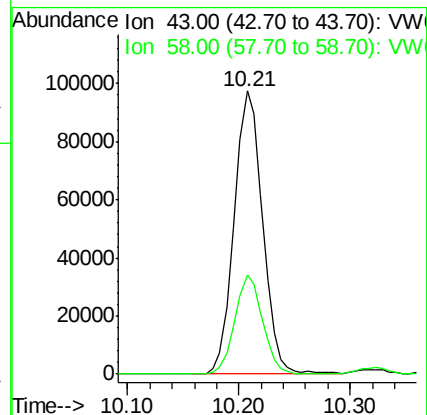
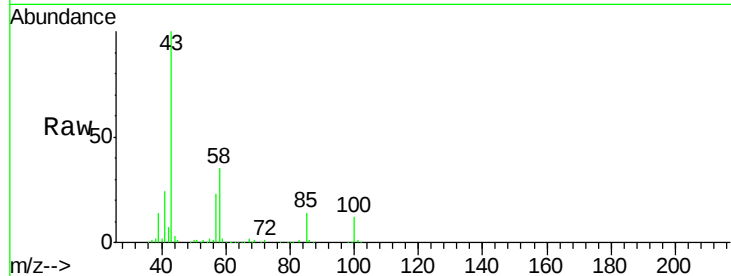
43 100

58 34.3 28.2 42.2

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#52

Toluene

Concen: 20.216 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012390.D

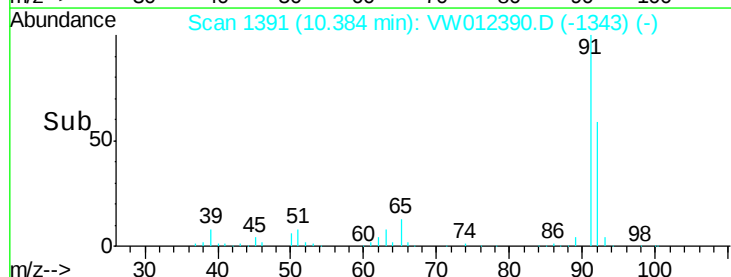
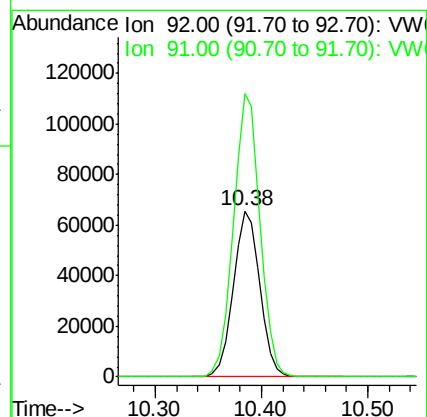
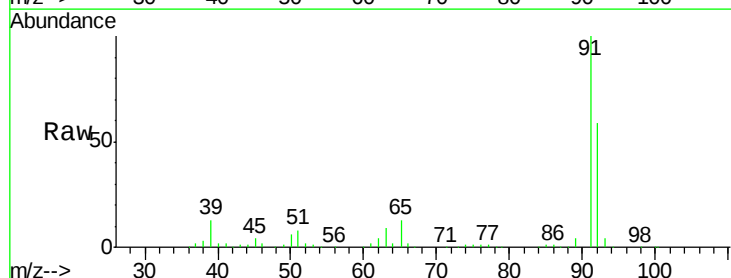
Acq: 31 Aug 2019 10:51

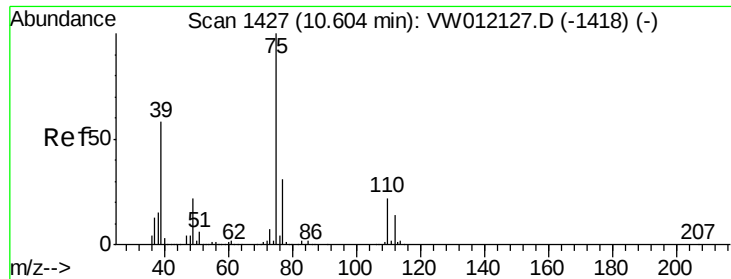
Tgt Ion: 92 Resp: 113649

Ion Ratio Lower Upper

92 100

91 172.4 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 19.762 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBS01

Tot Ion: 75 Resp: 60032

Ion Ratio Lower Upper

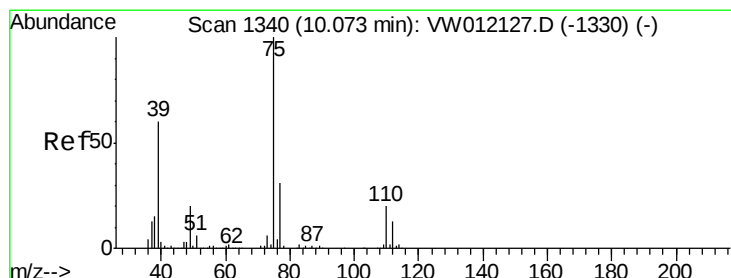
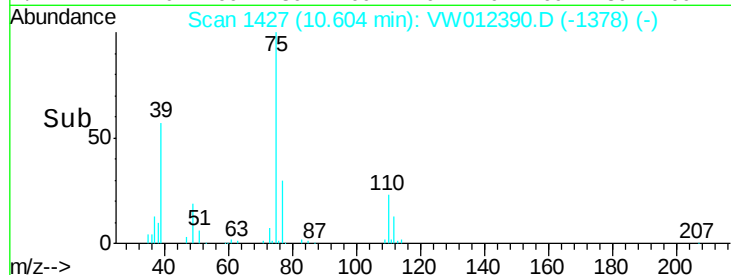
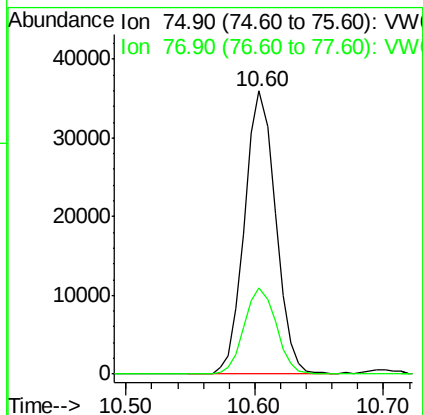
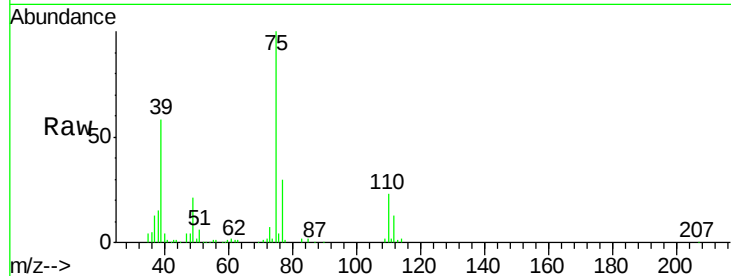
75 100

77 30.4 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 19.368 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

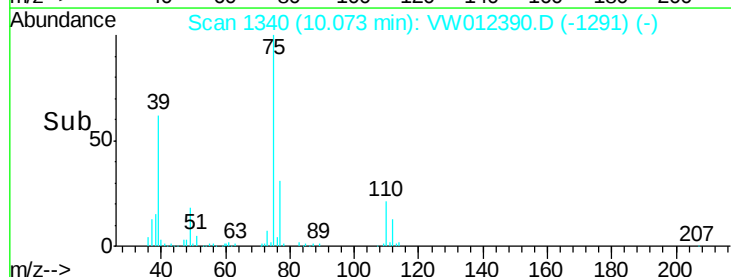
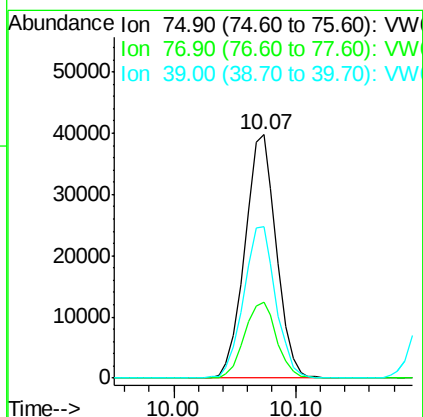
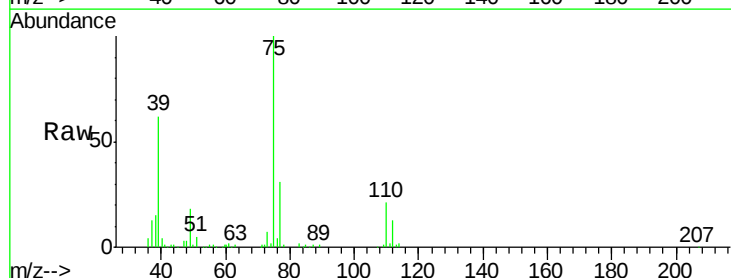
Tgt Ion: 75 Resp: 71041

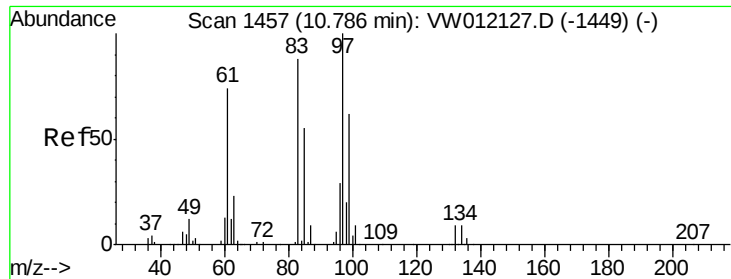
Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 62.0 48.3 72.5





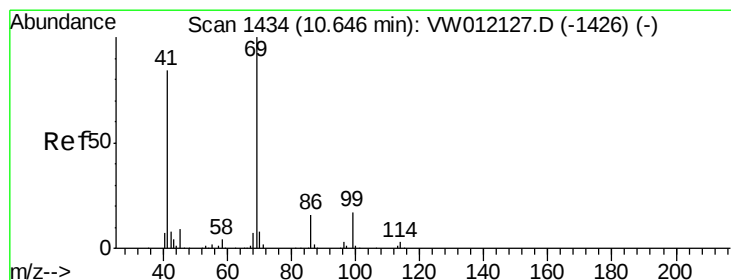
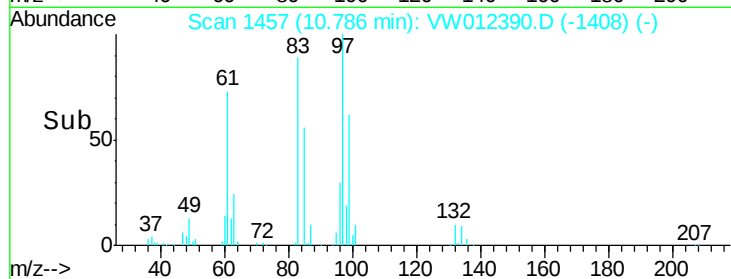
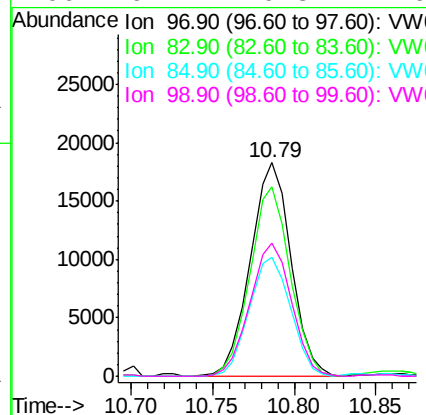
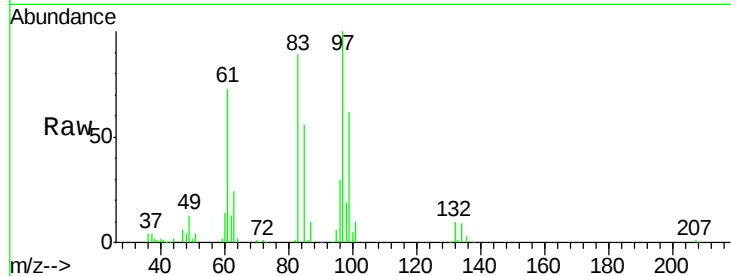
#55
 1,1,2-Trichloroethane
 Concen: 19.967 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Tot Ion	Ratio	Resp	Lower	Upper
97	100	31656		
83	88.6	70.8	106.2	
85	55.9	43.8	65.8	
99	62.1	49.8	74.6	

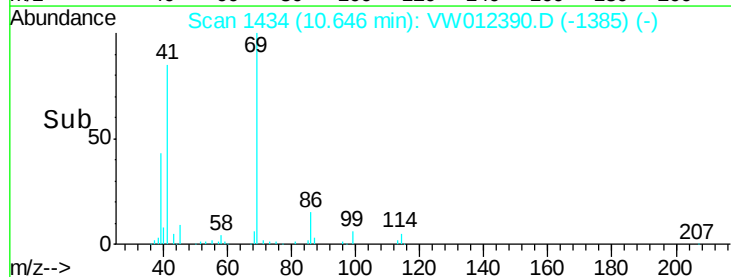
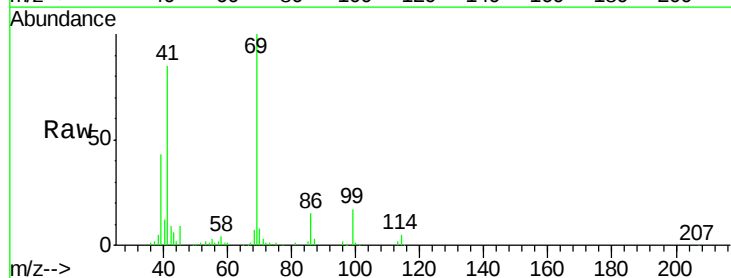
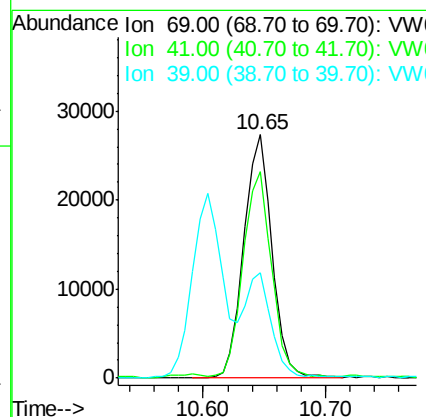
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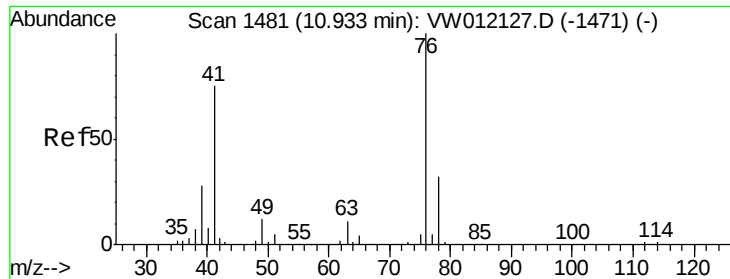
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#56
 Ethyl methacrylate
 Concen: 18.973 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	43778		
41	84.6	66.5	99.7	
39	38.6	31.0	46.4	





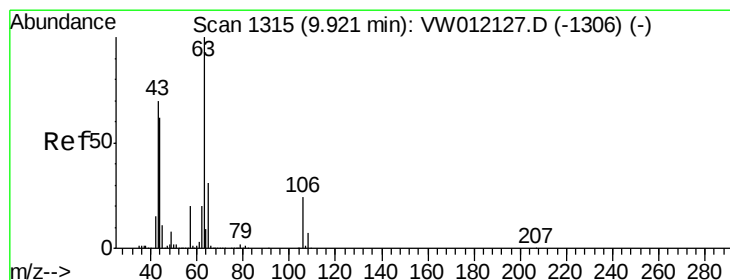
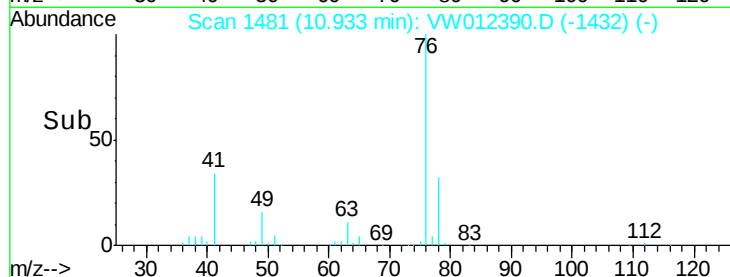
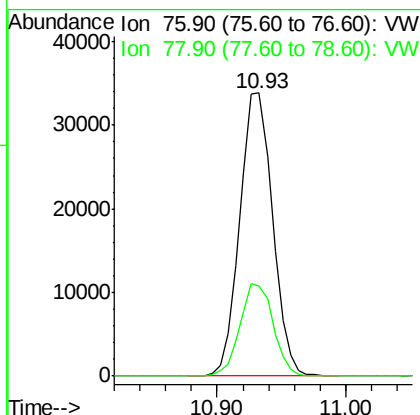
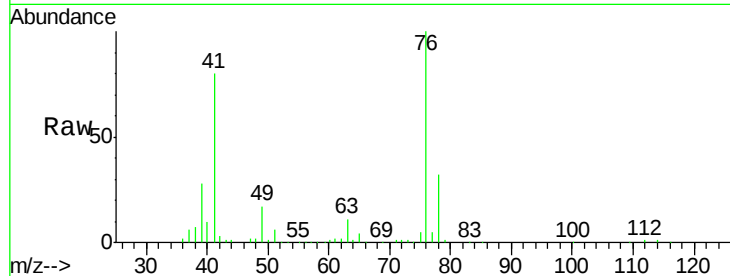
#57
 1,3-Dichloropropane
 Concen: 19.981 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Tot Ion: 76 Resp: 59865
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.8

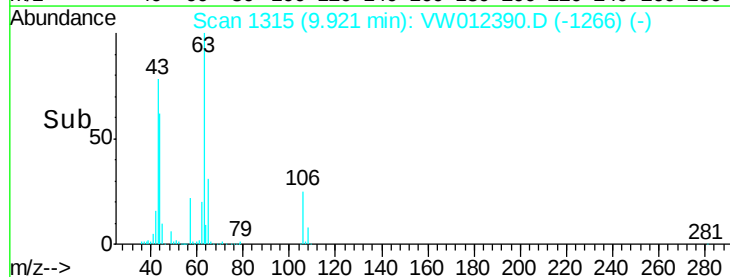
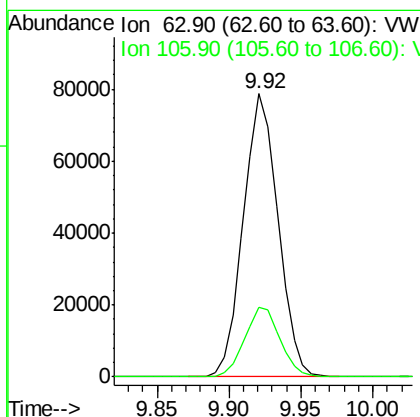
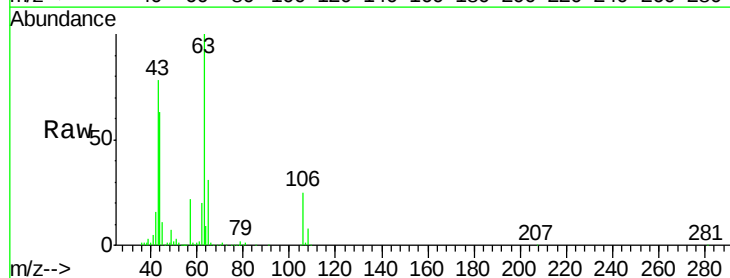
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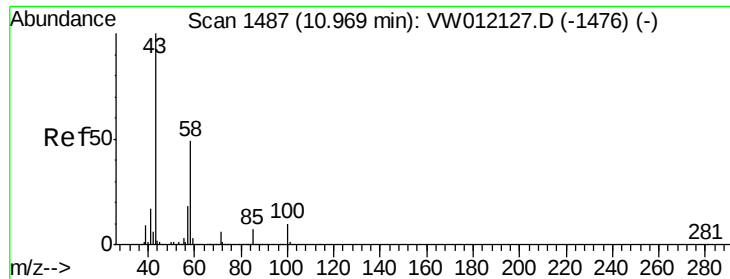
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#58
 2-Chloroethyl Vinyl ether
 Concen: 111.310 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Tgt Ion: 63 Resp: 131816
 Ion Ratio Lower Upper
 63 100
 106 24.9 19.8 29.8





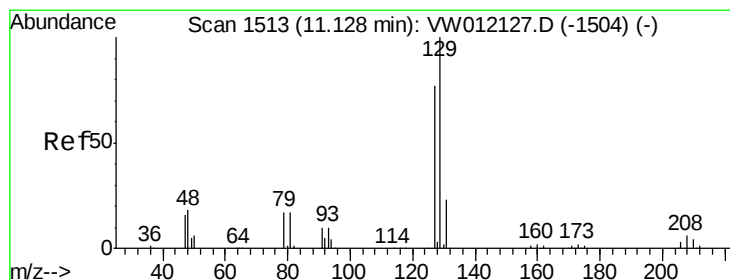
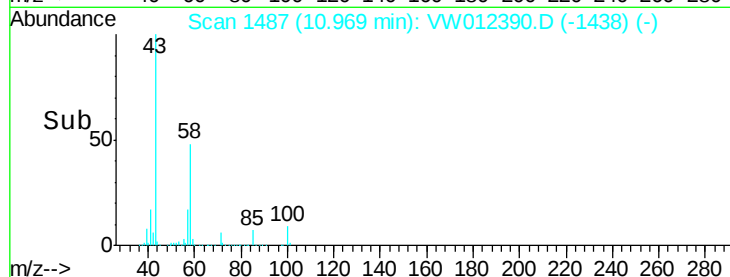
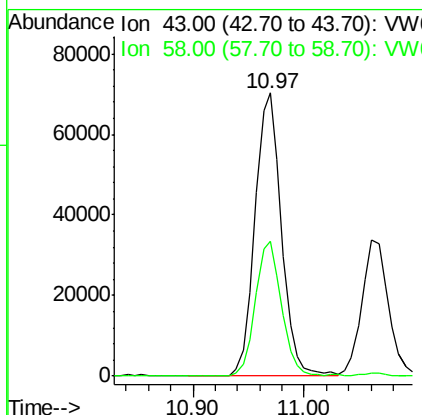
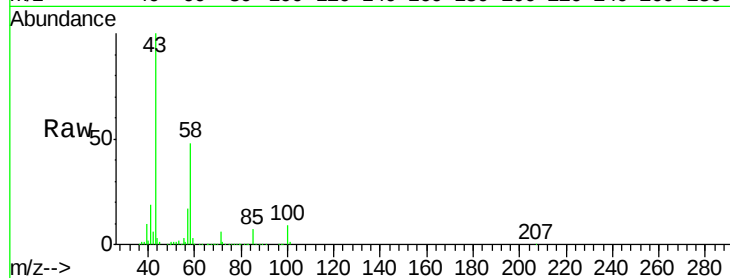
#59
2-Hexanone
Concen: 93.480 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion: 43 Resp: 117028
Ion Ratio Lower Upper
43 100
58 47.2 24.3 72.9

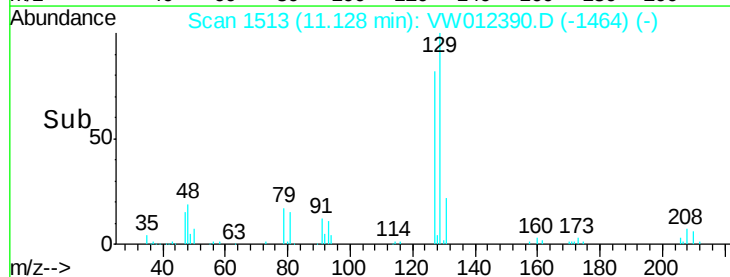
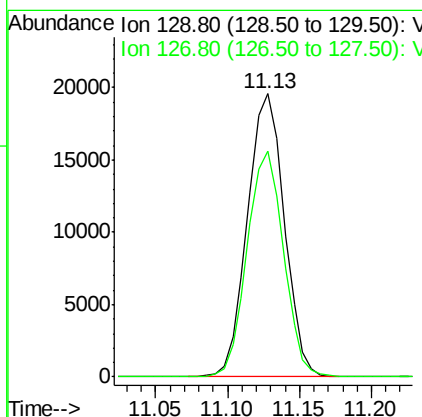
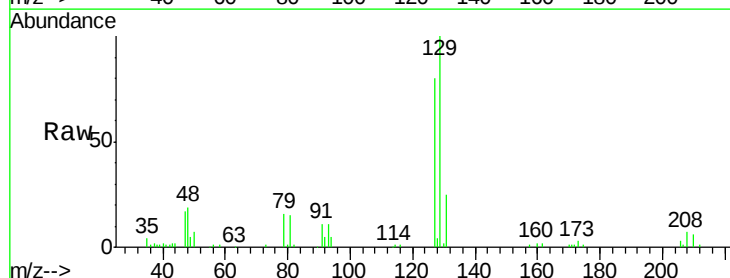
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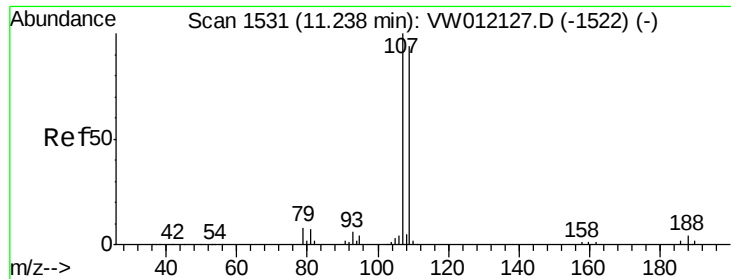
MMDadoda
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#60
Dibromochloromethane
Concen: 19.599 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion: 129 Resp: 34609
Ion Ratio Lower Upper
129 100
127 78.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.857 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBS01

Tot Ion: 107 Resp: 29329

Ion Ratio Lower Upper

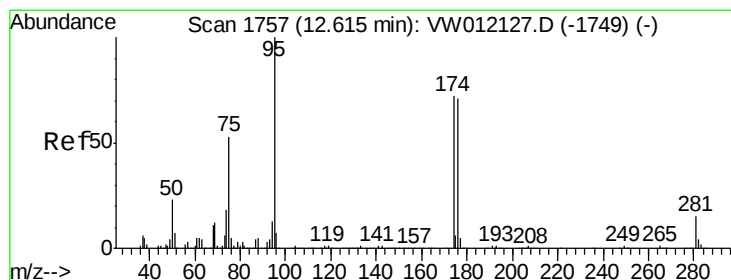
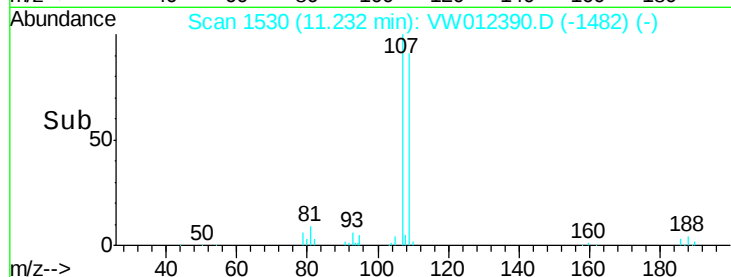
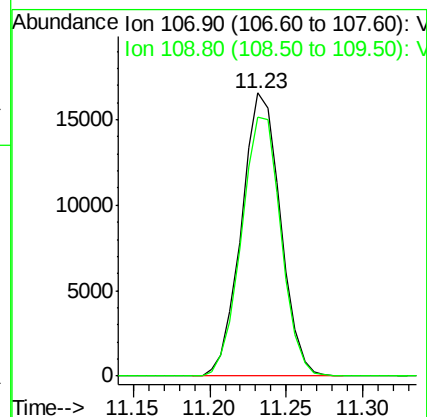
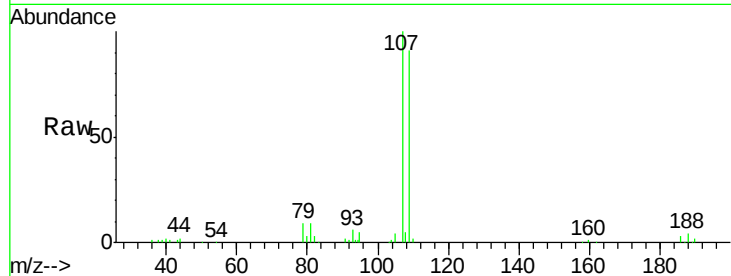
107 100

109 93.0 75.4 113.2

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#62

4-Bromofluorobenzene

Concen: 51.619 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

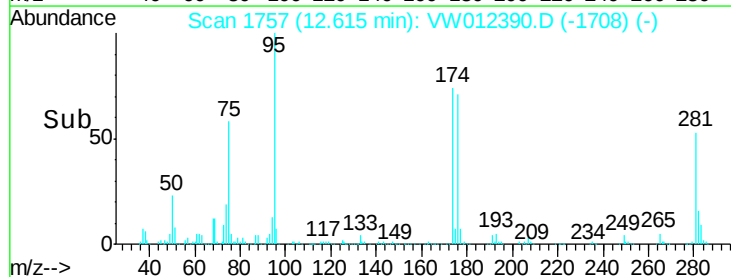
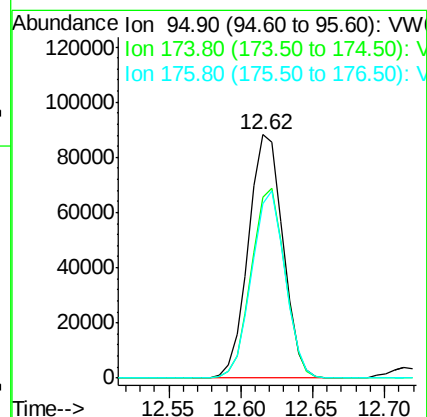
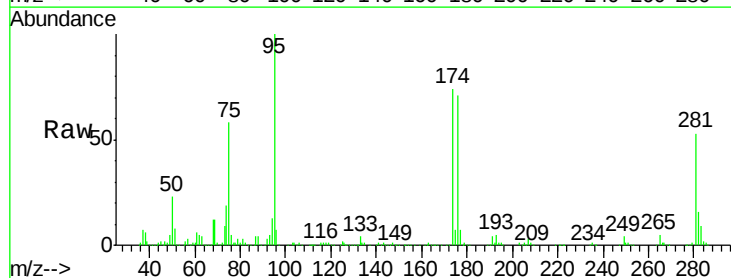
Tgt Ion: 95 Resp: 146045

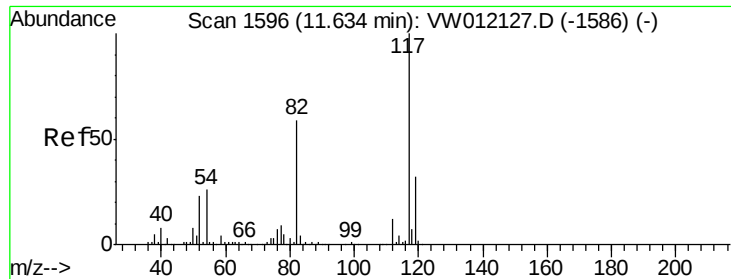
Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.8

176 74.2 0.0 148.6





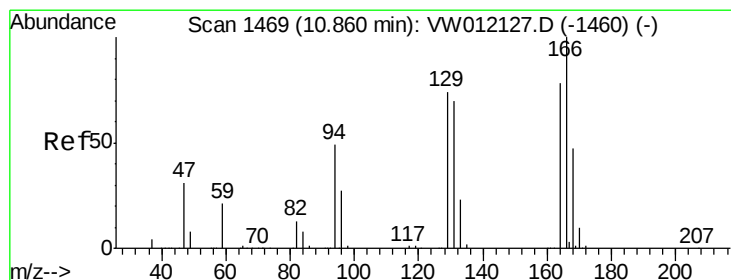
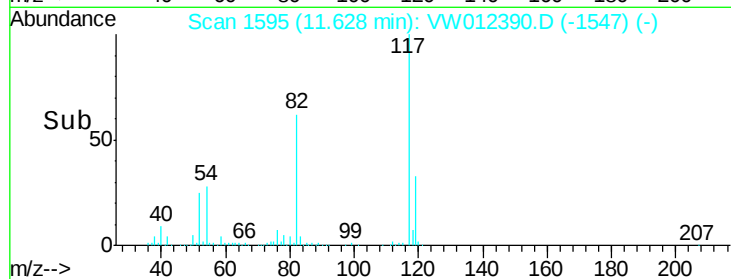
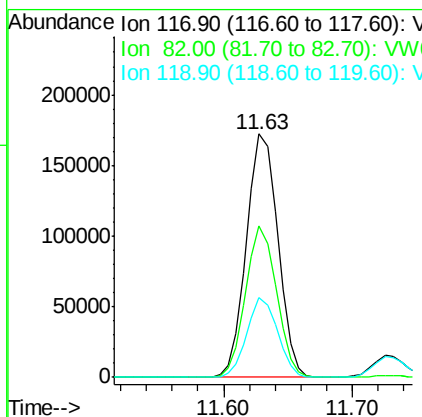
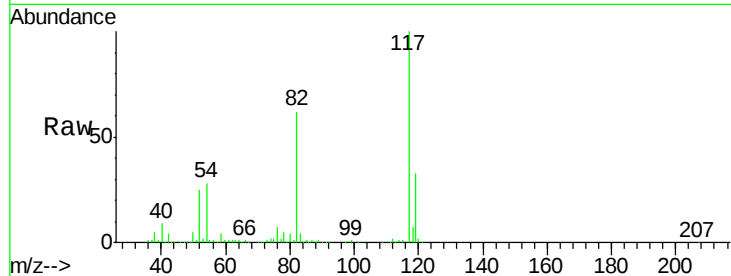
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	291890		
82	62.2		47.4	71.2
119	32.5		25.4	38.2

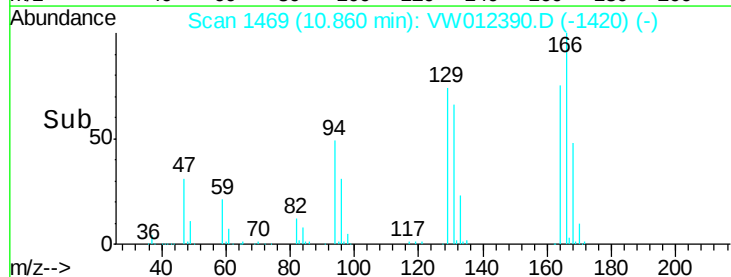
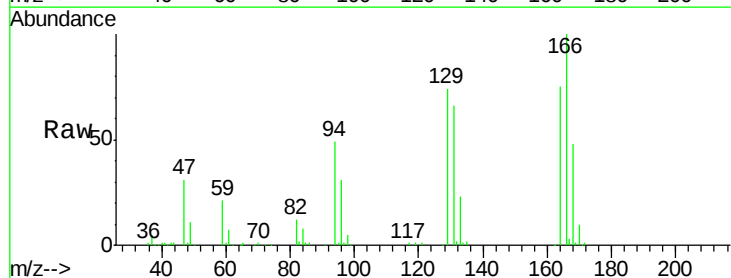
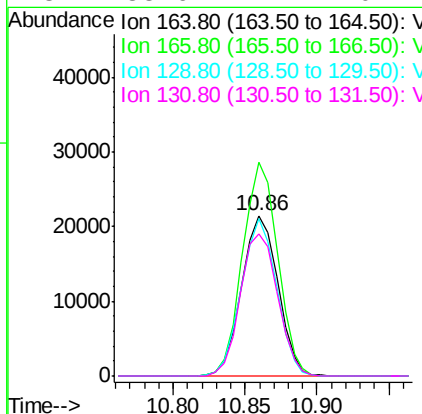
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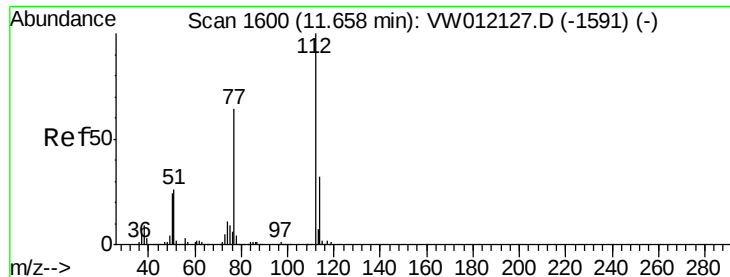
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#64
Tetrachloroethene
Concen: 19.817 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	37501		
166	133.2		102.4	153.6
129	98.2		75.8	113.6
131	88.6		71.4	107.2





#65

Chlorobenzene

Concen: 20.285 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBS01

Tot Ion:112 Resp: 116592

Ion Ratio Lower Upper

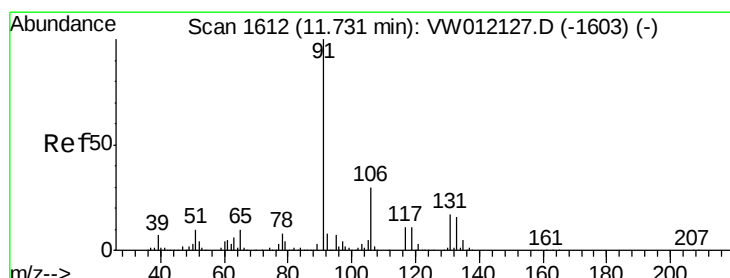
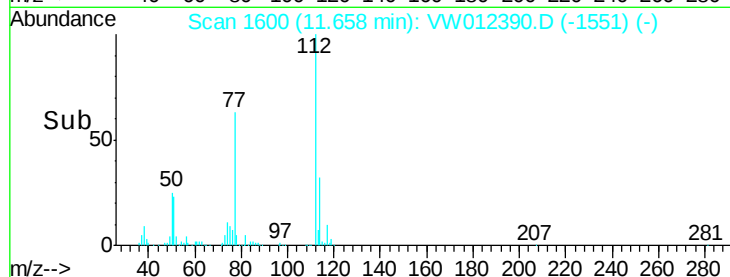
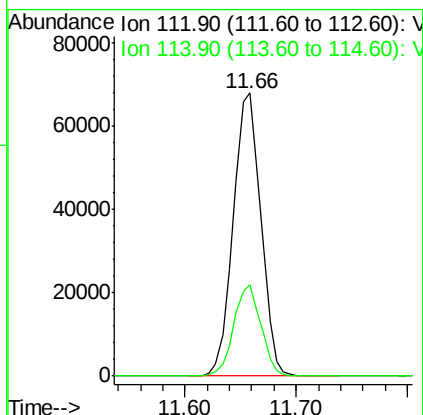
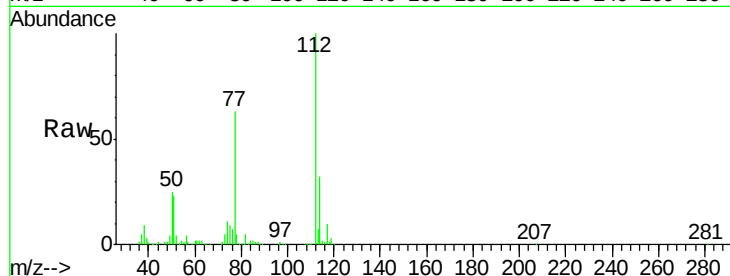
112 100

114 32.1 25.8 38.6

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.338 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

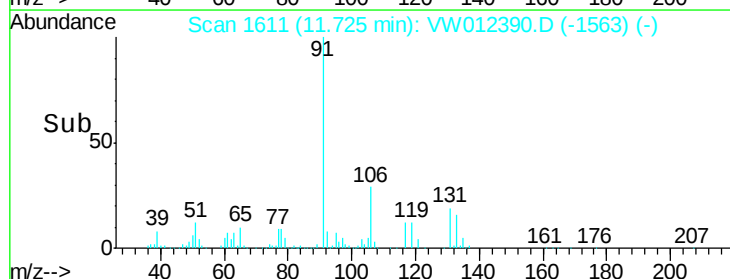
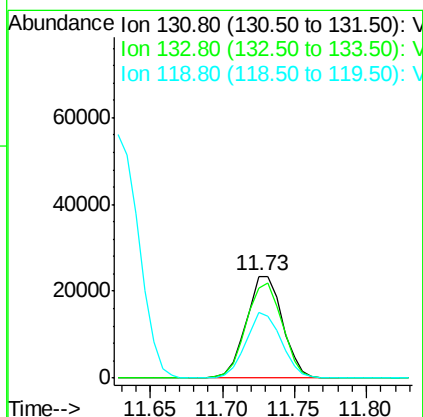
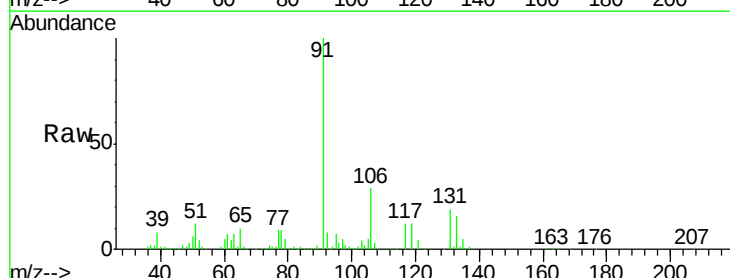
Tgt Ion:131 Resp: 40779

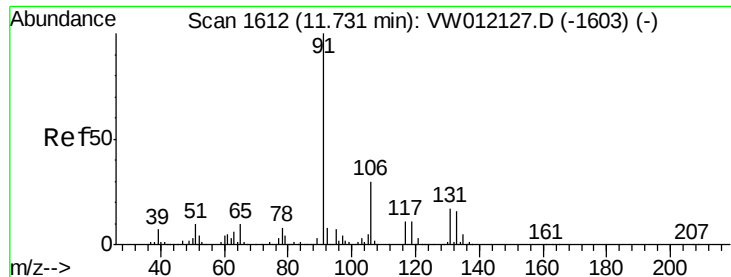
Ion Ratio Lower Upper

131 100

133 93.2 47.1 141.3

119 63.1 31.8 95.3





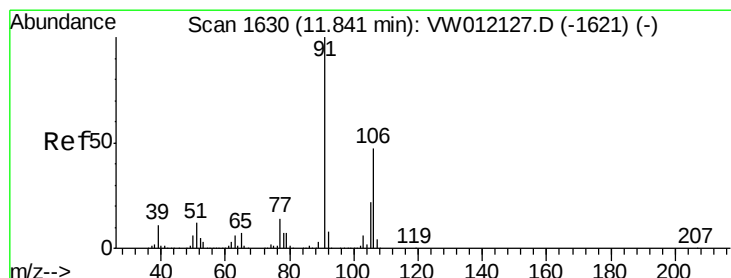
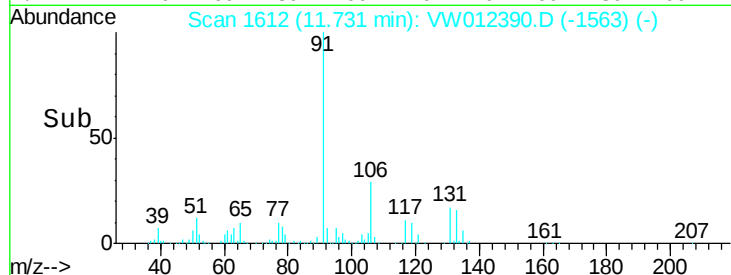
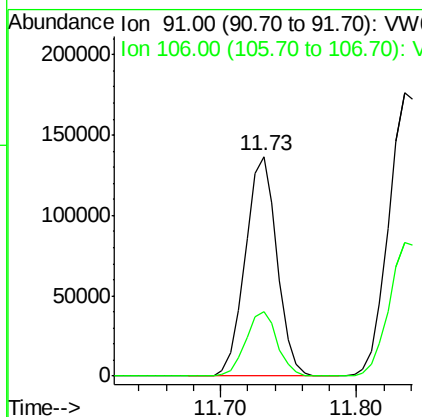
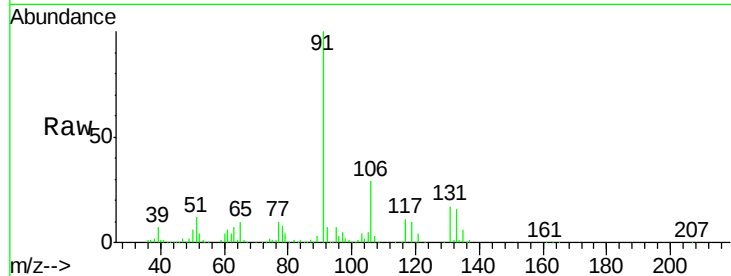
#67
Ethyl Benzene
Concen: 20.058 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion: 91 Resp: 222076
Ion Ratio Lower Upper
91 100
106 29.2 24.3 36.5

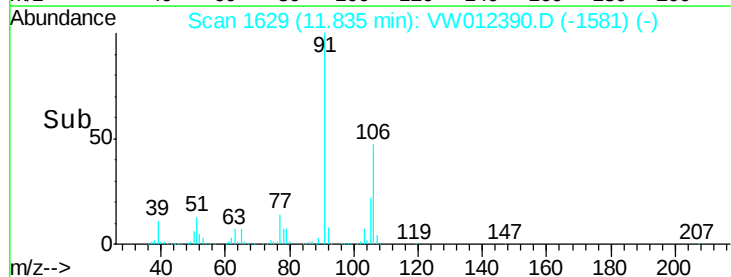
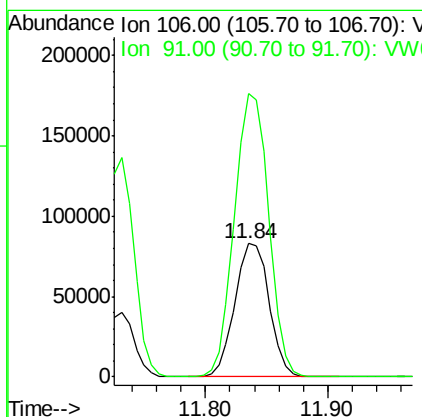
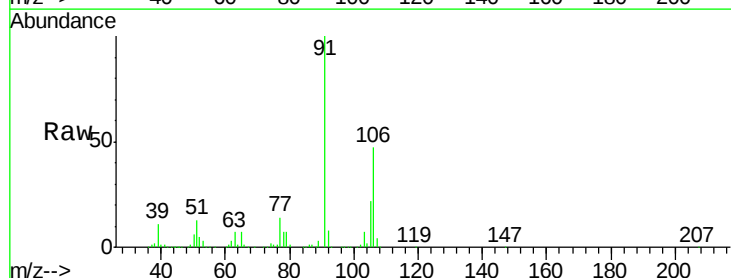
Manual Integrations
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#68
m/p-Xylenes
Concen: 40.447 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion: 106 Resp: 161309
Ion Ratio Lower Upper
106 100
91 212.1 169.5 254.3





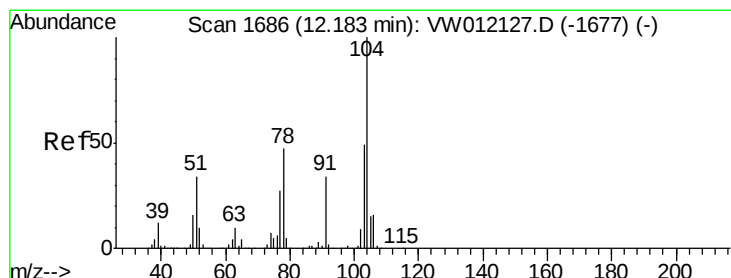
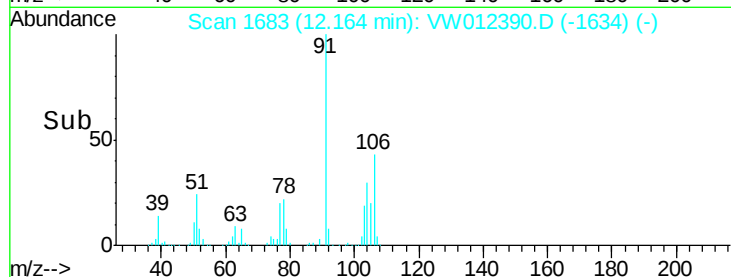
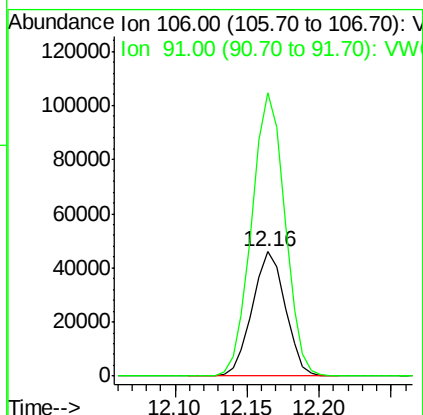
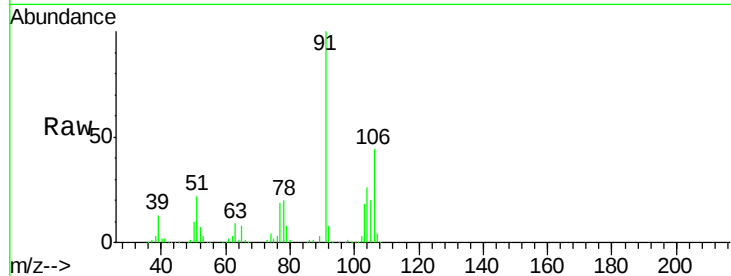
#69
o-Xylene
Concen: 19.824 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	228.4	111.6	334.6

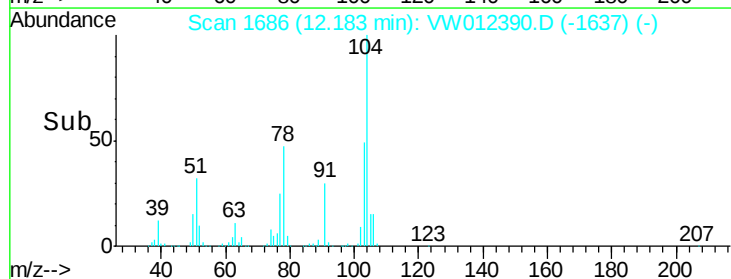
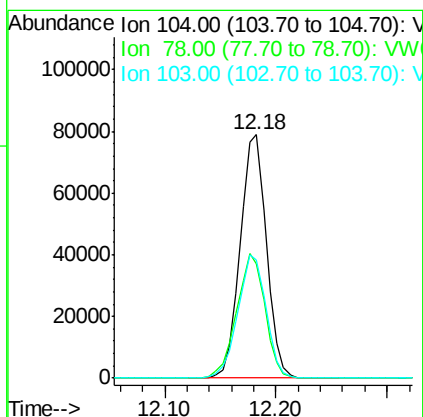
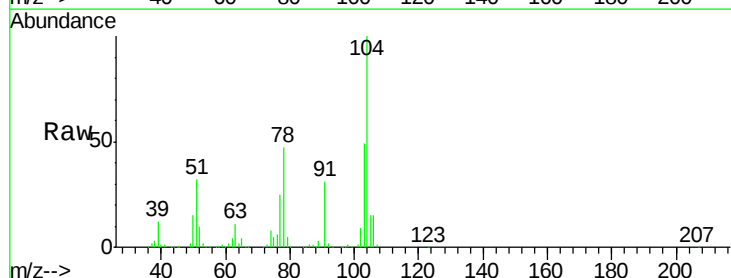
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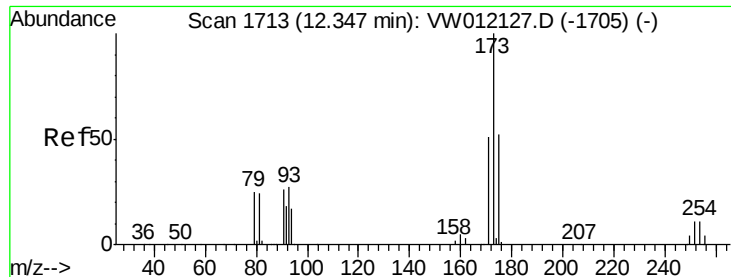
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#70
Styrene
Concen: 20.211 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.1	43.1	64.7
103	54.3	43.5	65.3





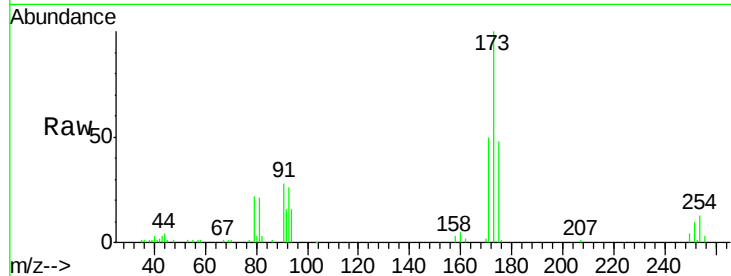
#71
Bromoform
Concen: 19.361 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

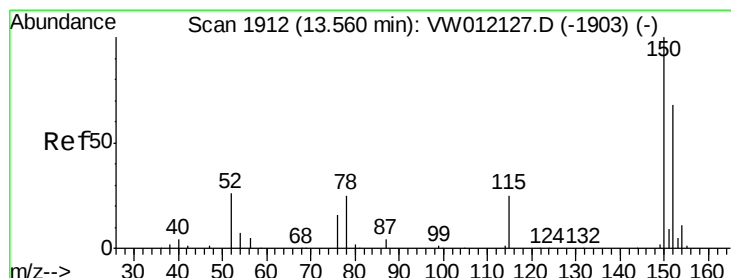
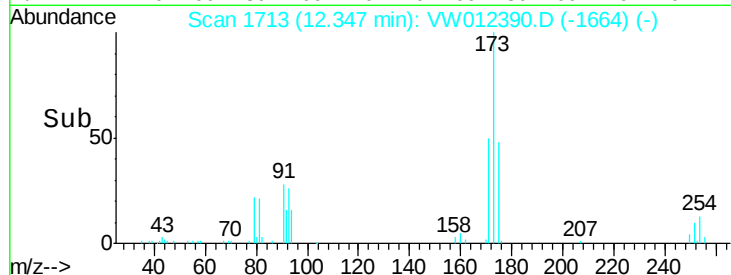
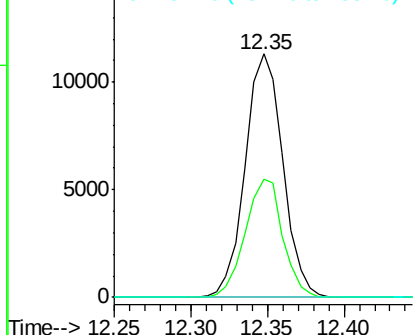
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.6	74.0
254	0.0	0.2	0.2

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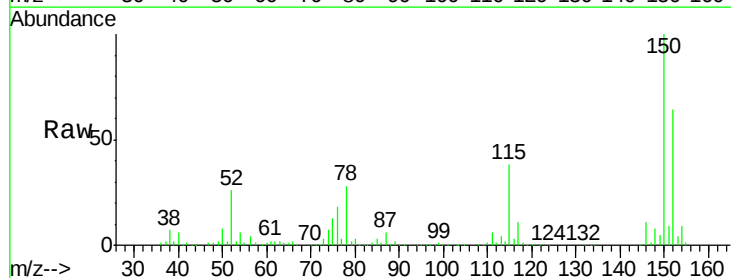


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

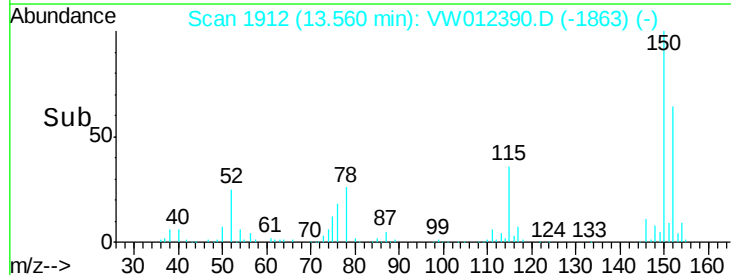
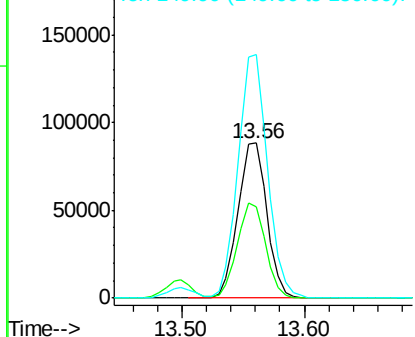


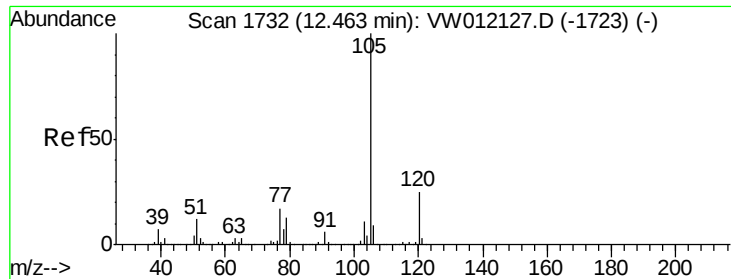
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.1	90.3
150	160.5	0.0	345.8



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





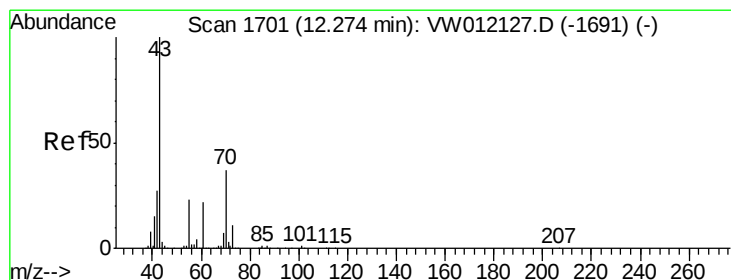
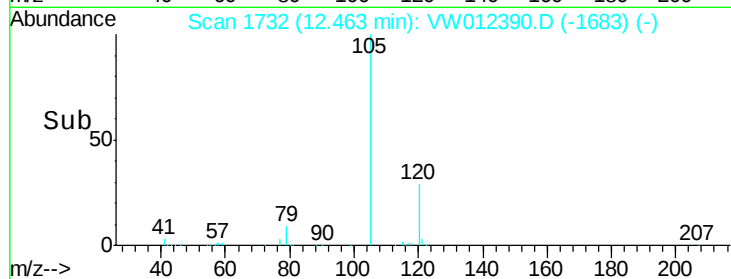
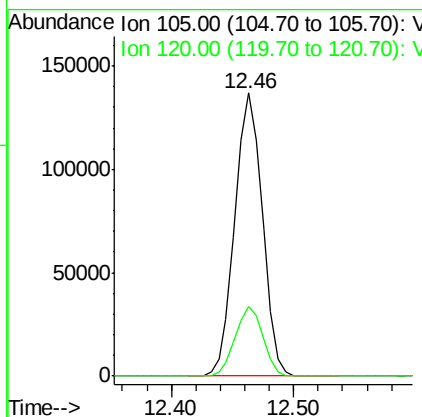
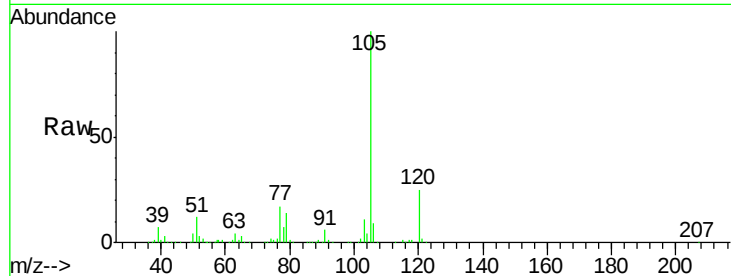
#73
Isopropylbenzene
Concen: 19.768 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	213639		
120	24.8	12.5	37.5	

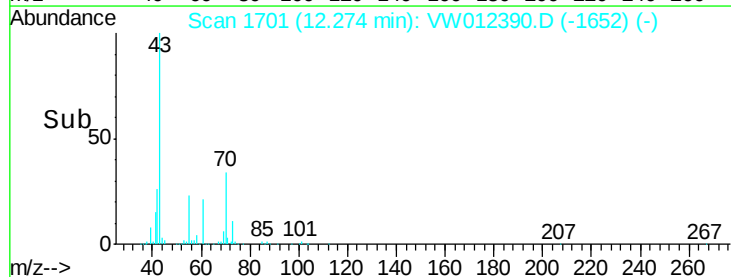
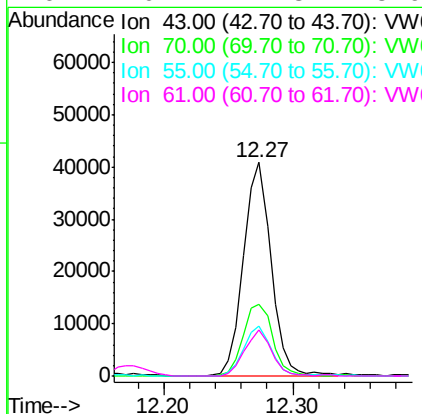
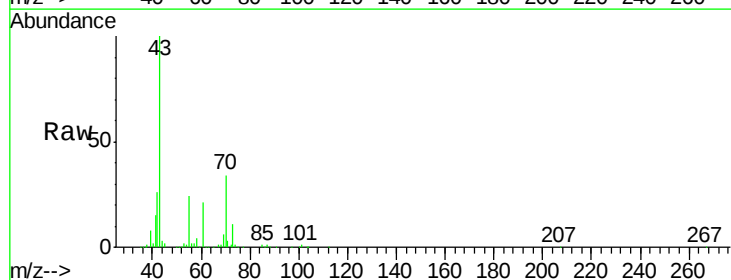
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#74
N-ethyl acetate
Concen: 18.640 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	60864		
70	35.5	28.6	43.0	
55	23.6	17.8	26.6	
61	20.7	17.3	25.9	





#75

1,1,2,2-Tetrachloroethane

Concen: 18.693 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Instrument :

MSVOA_W

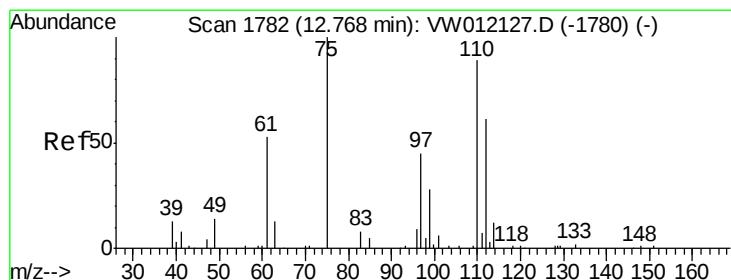
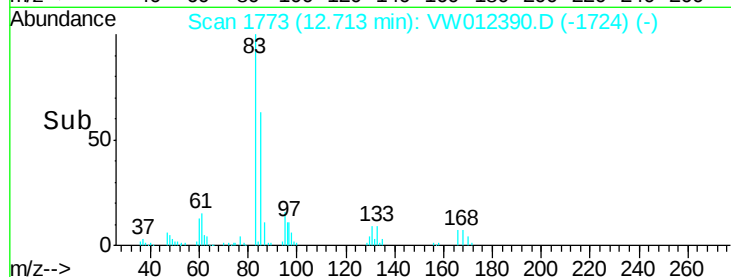
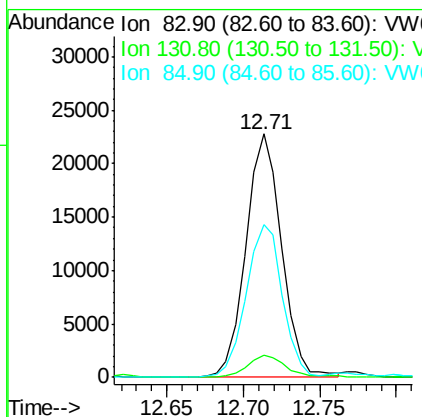
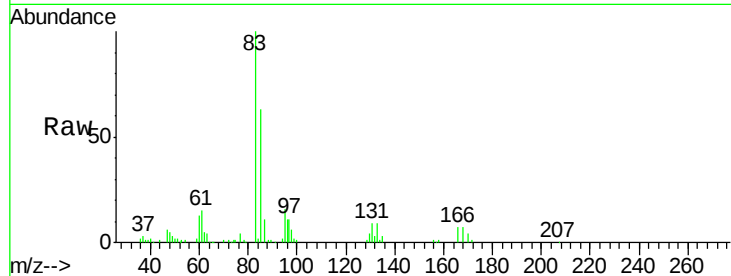
ClientSampleId :

VW0831SBS01

Tot Ion:	83	Resp:	37036
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.9	14.7
85	63.7	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 21.679 ug/l m

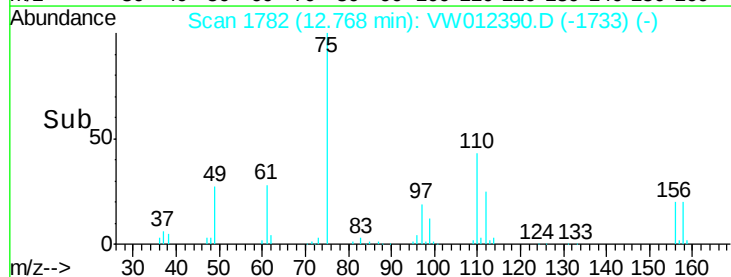
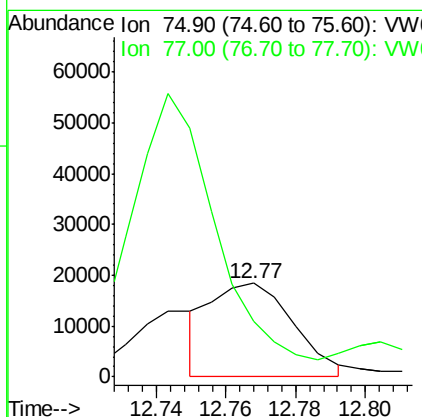
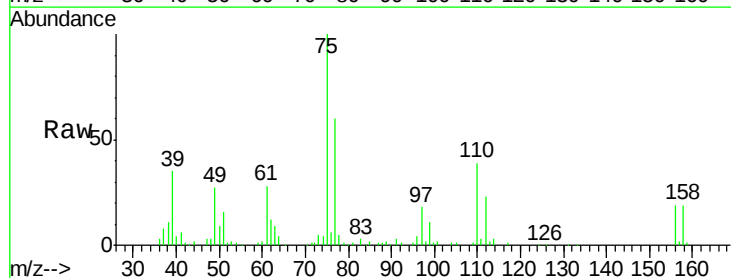
RT: 12.77 min Scan# 1782

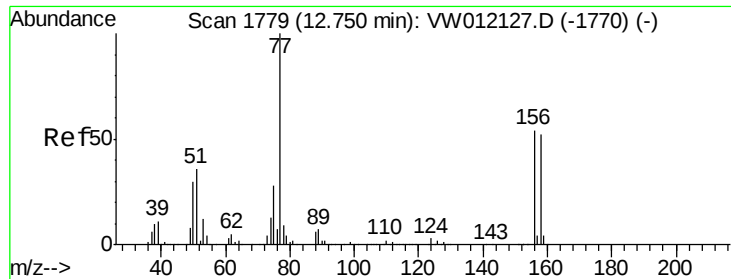
Delta R.T. 0.00 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Tgt Ion:	75	Resp:	30452
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





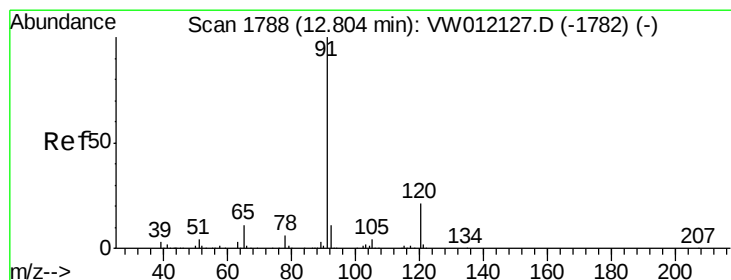
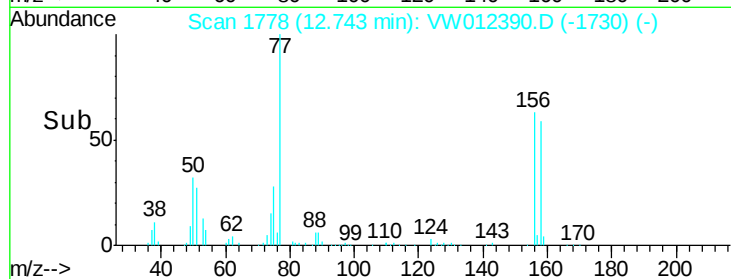
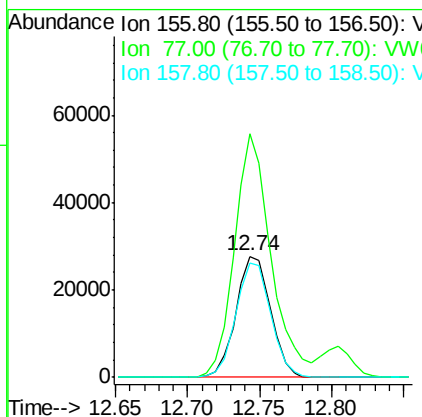
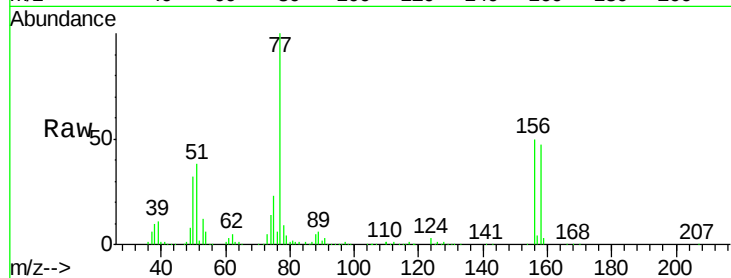
#77
Bromobenzene
Concen: 19.785 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	212.9	107.3	321.8
158	95.4	49.0	147.0

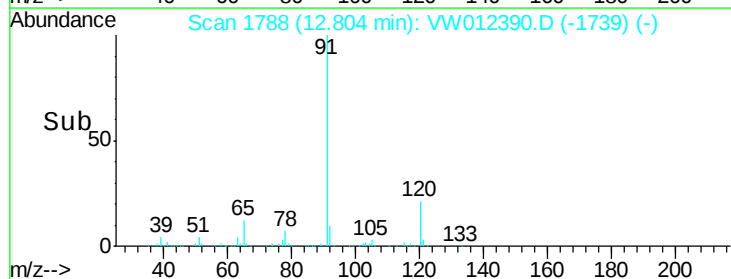
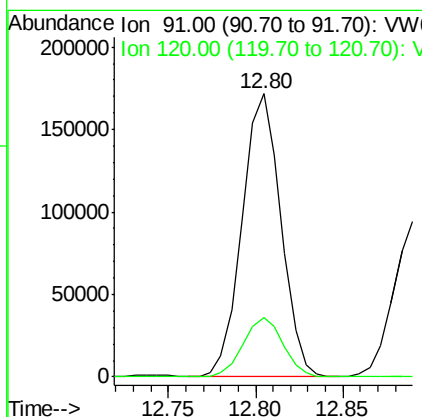
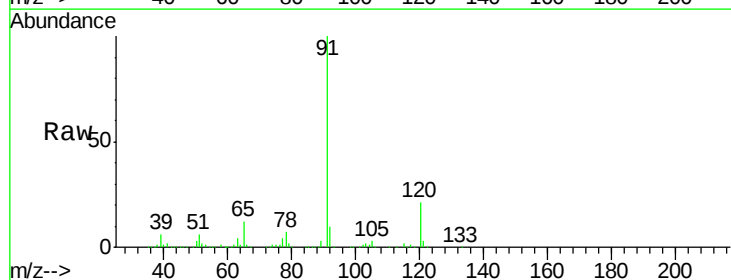
Manual Integrations
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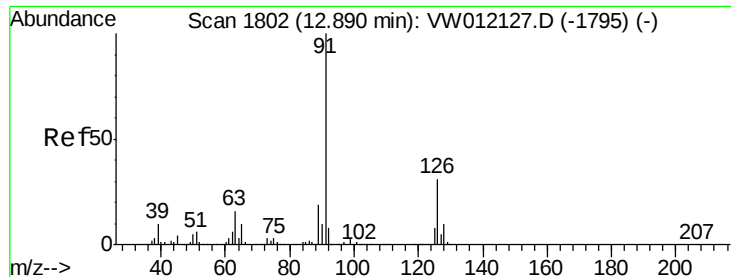
MMDadoda
9/3/2019 2:42:07 AM



#78
n-propylbenzene
Concen: 20.062 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.5	31.6





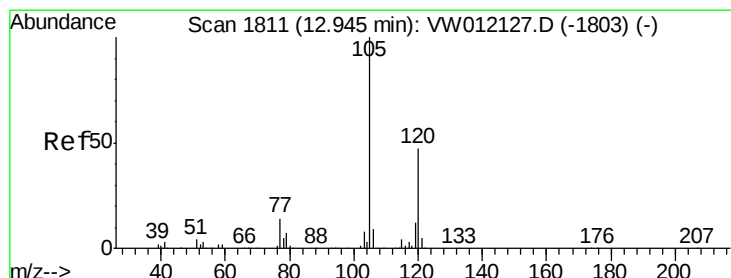
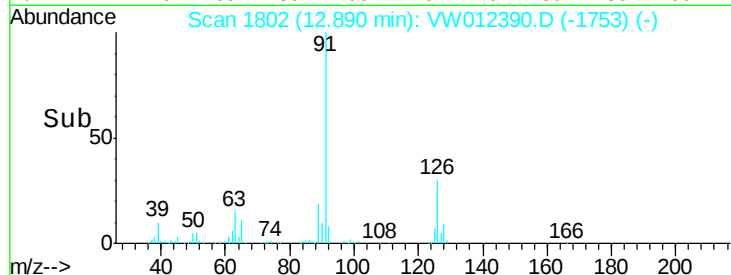
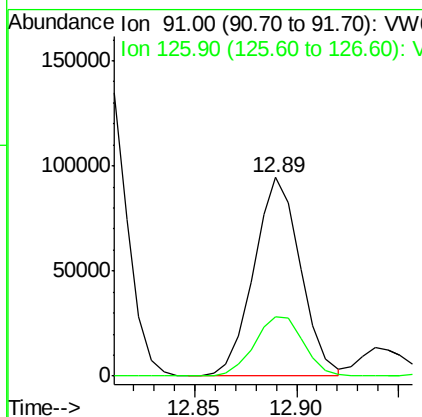
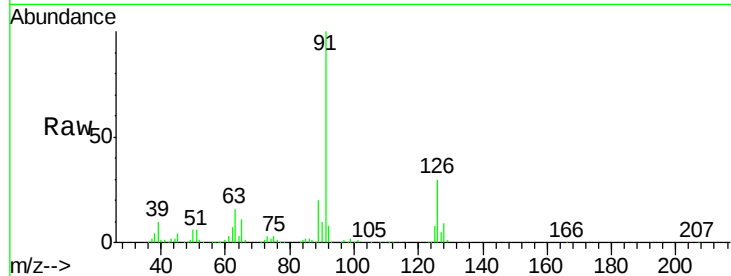
#79
 2-Chlorotoluene
 Concen: 19.984 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Instrument :
 MSVOA_W
 ClientSampled :
 VW0831SBS01

Tot Ion: 91 Resp: 149691
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.7 47.0

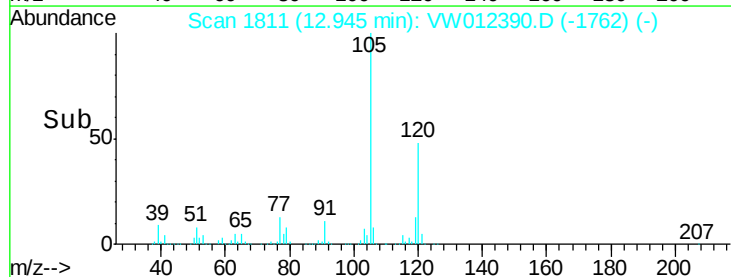
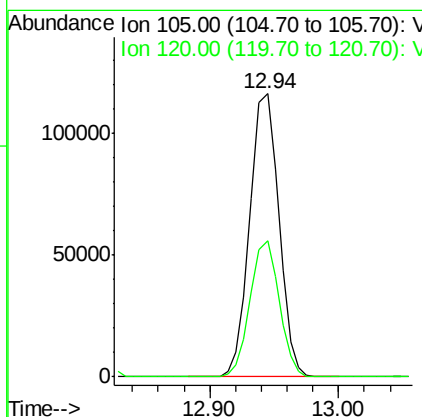
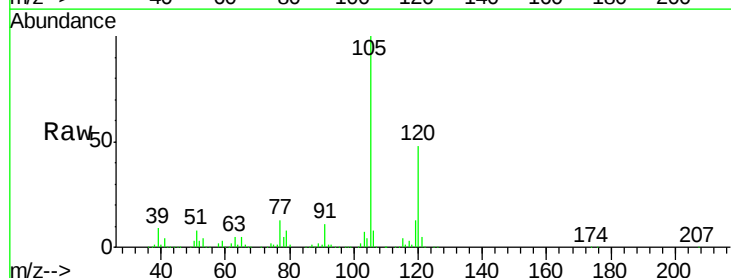
Manual Integrations
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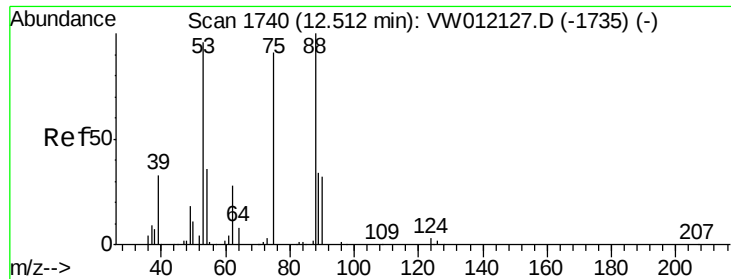
MMDadoda
 9/3/2019 2:42:07 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.050 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Tgt Ion:105 Resp: 181064
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.0 72.0





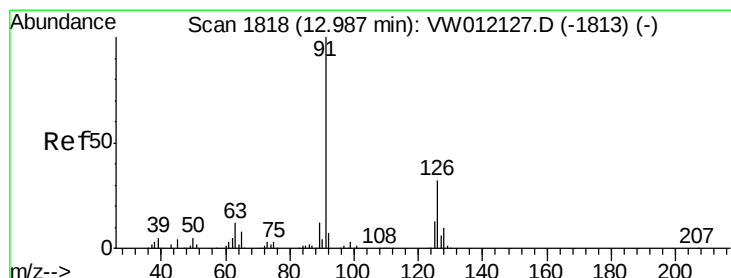
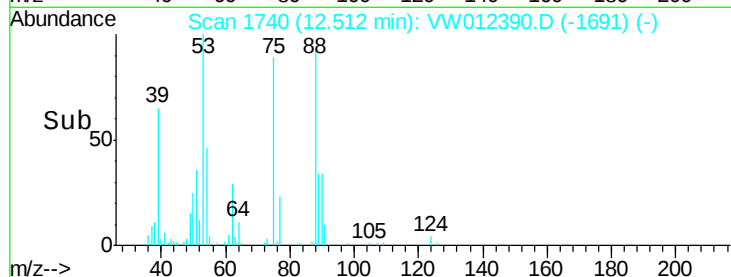
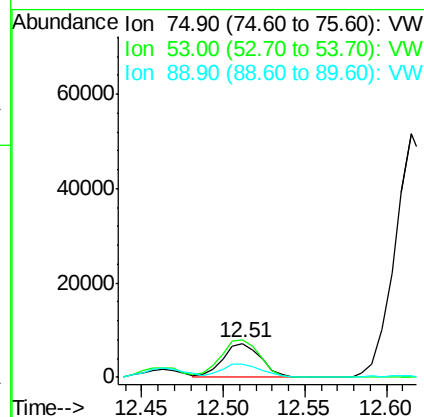
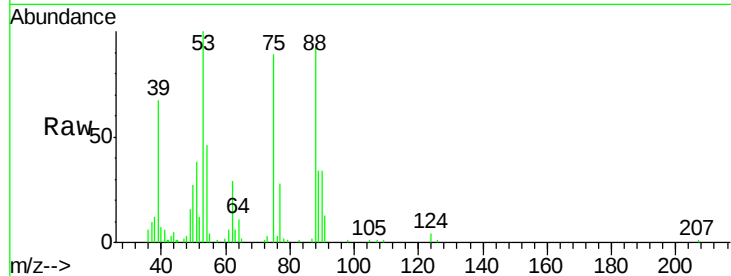
#81
trans-1,4-Dichloro-2-butene
Concen: 17.794 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	118.2	89.4	134.0
89	43.0	34.5	51.7

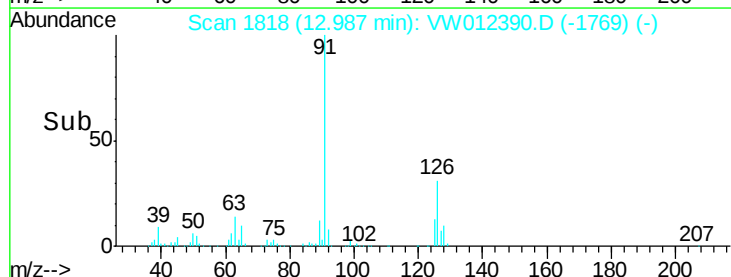
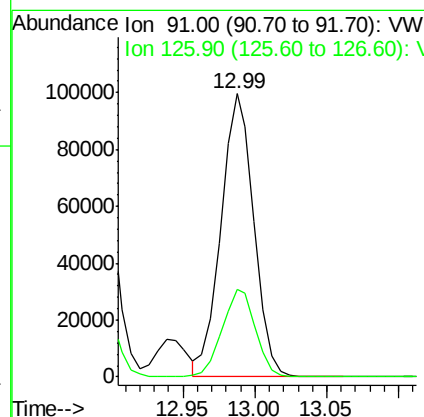
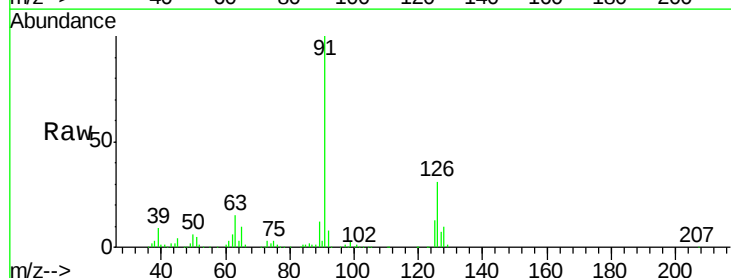
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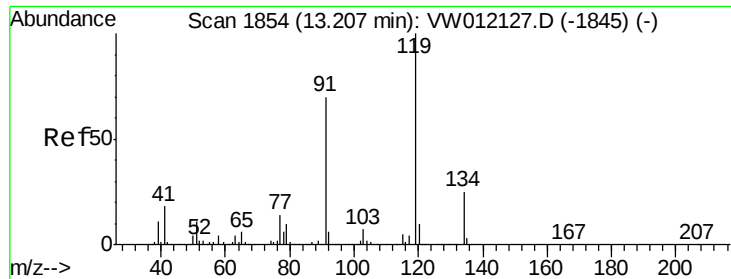
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#82
4-Chlorotoluene
Concen: 20.166 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.6	46.8





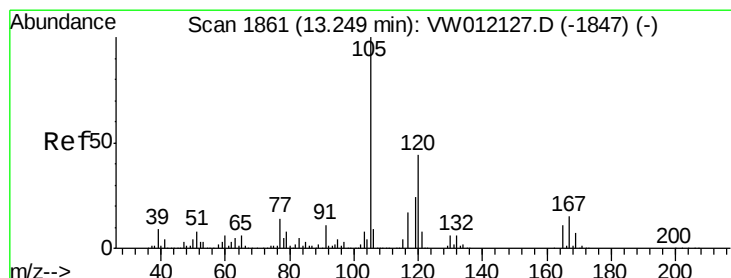
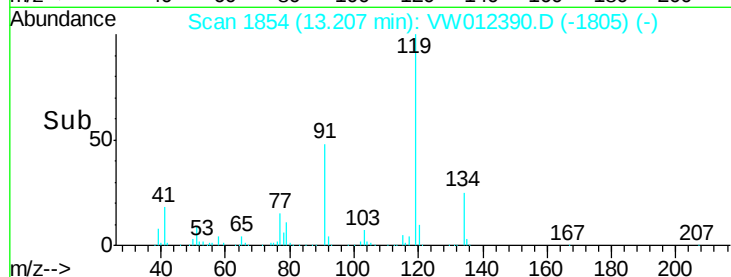
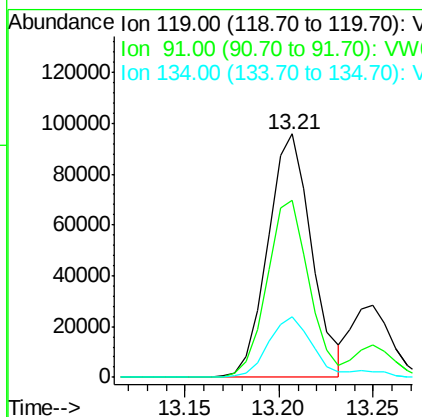
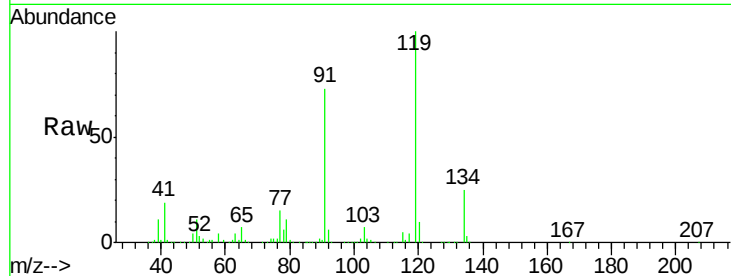
#83
tert-Butylbenzene
Concen: 20.197 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.9	34.8	104.3
134	24.9	13.3	39.8

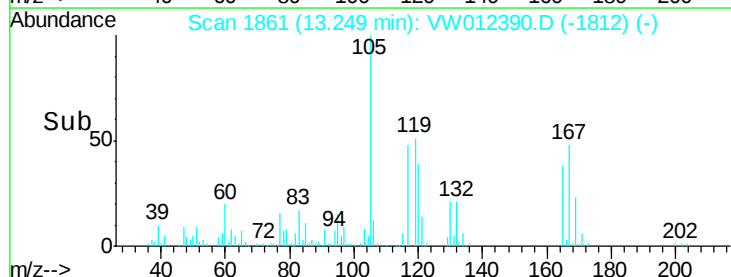
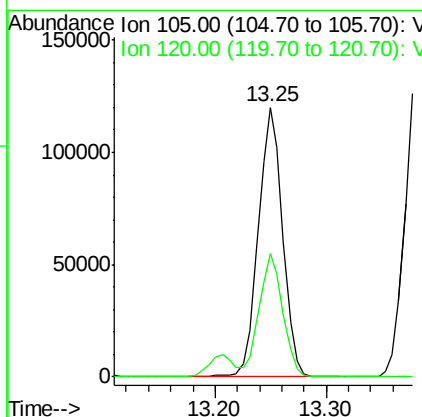
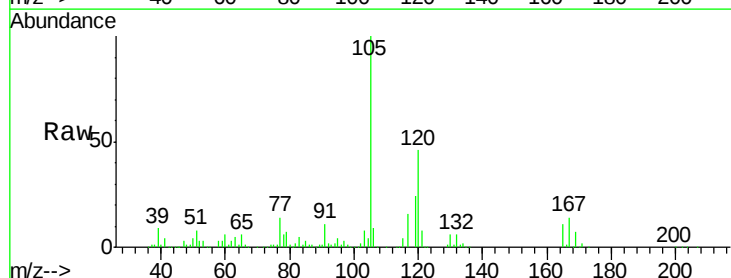
Manual Integrations
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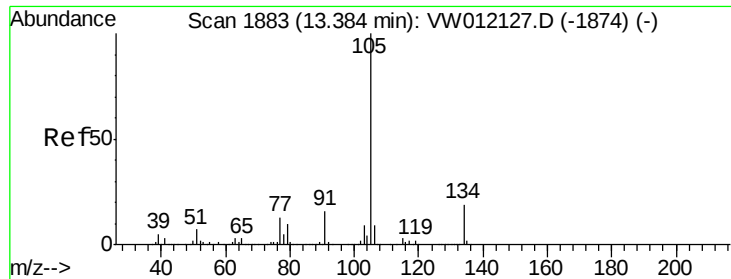
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#84
1,2,4-Trimethylbenzene
Concen: 20.180 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.9	65.7





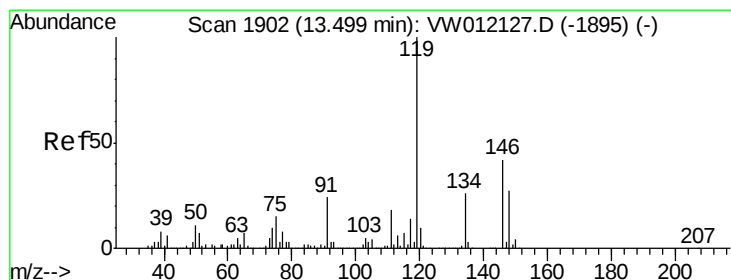
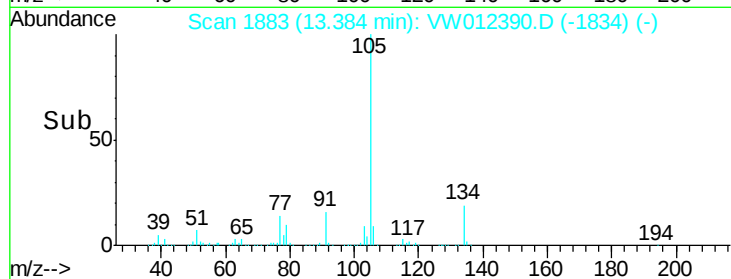
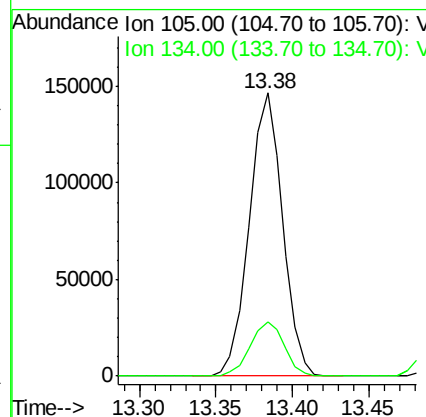
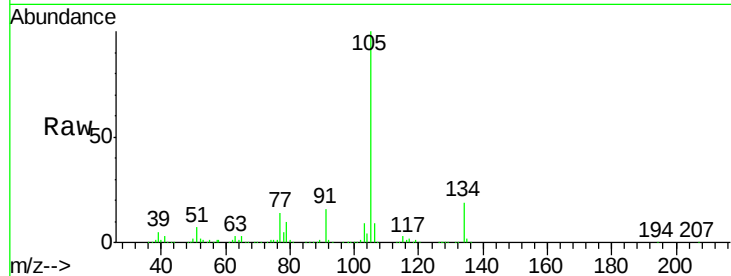
#85
 sec-Butylbenzene
 Concen: 20.221 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	221606		
134	19.7	9.8	29.4	

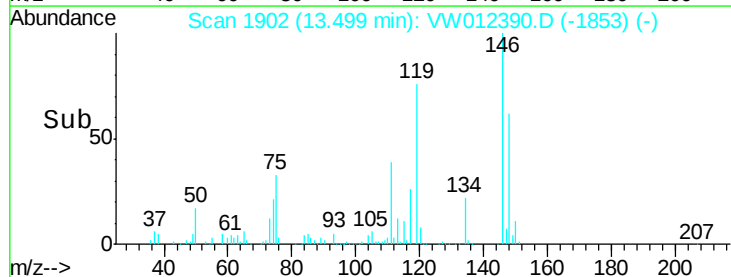
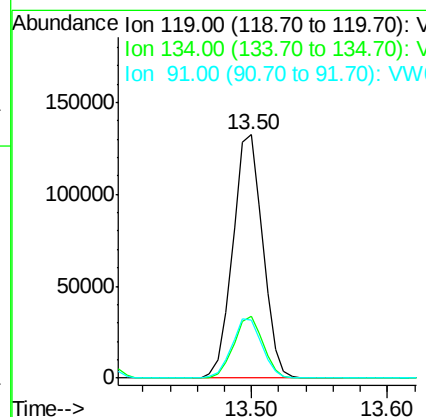
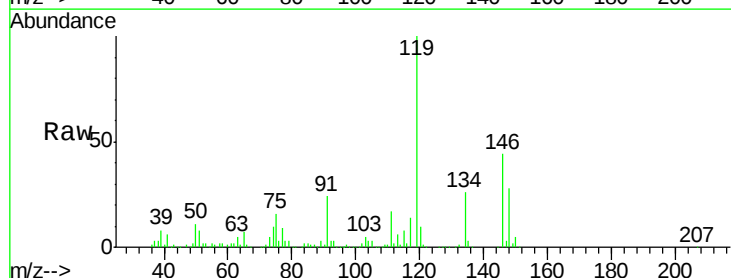
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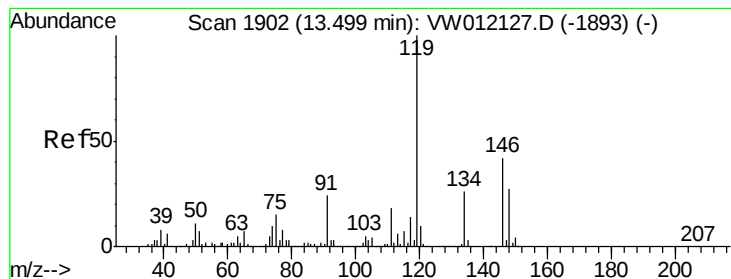
MMDadoda
 9/3/2019 2:42:07 AM



#86
 p-Isopropyltoluene
 Concen: 20.652 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	202125		
134	24.9	12.8	38.3	
91	24.5	12.3	36.9	





#87

1,3-Dichlorobenzene

Concen: 20.172 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Instrument :

MSVOA_W

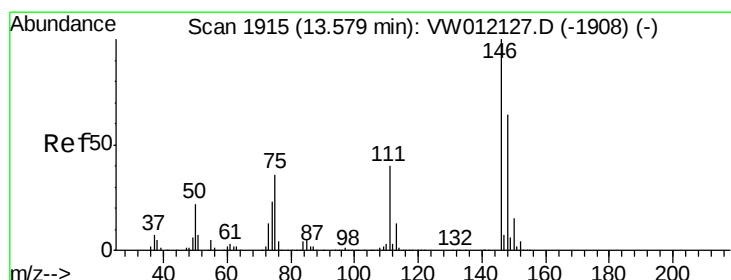
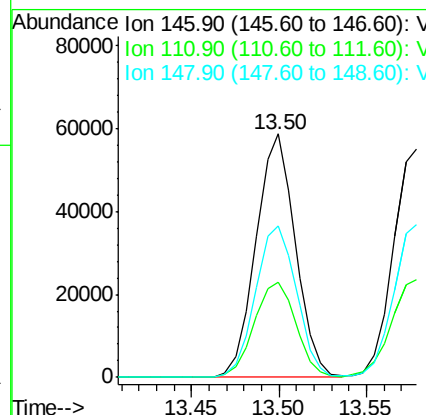
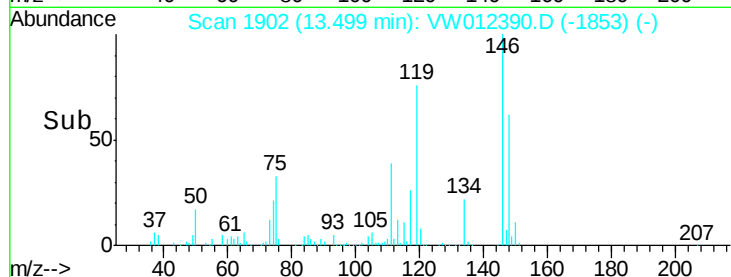
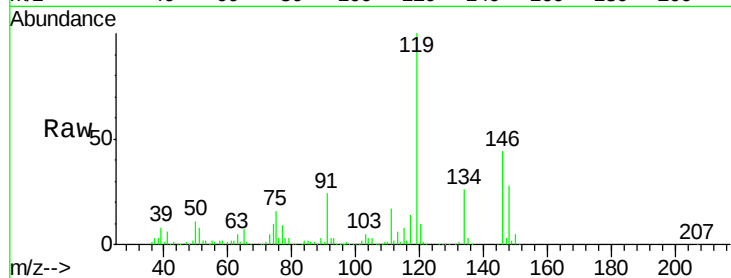
ClientSampleId :

VW0831SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.9	62.7
148	64.6	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 20.032 ug/l

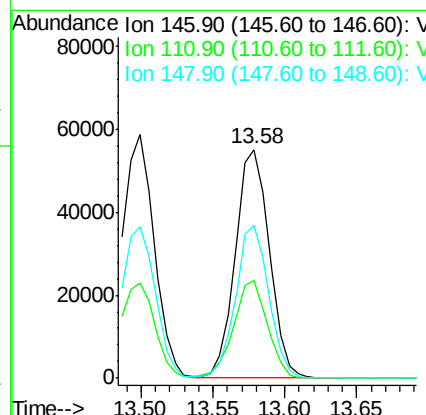
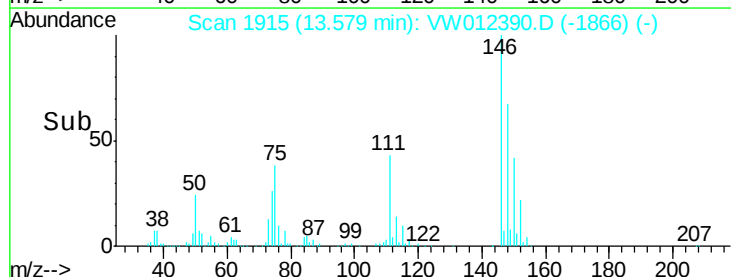
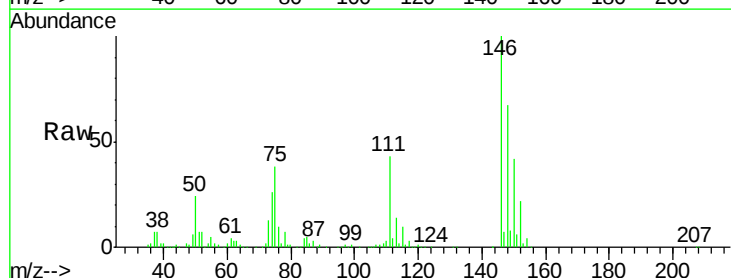
RT: 13.58 min Scan# 1915

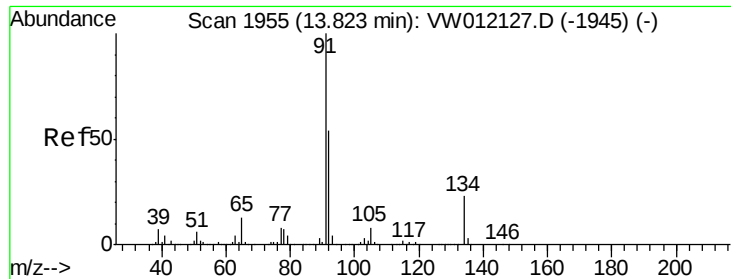
Delta R.T. 0.00 min

Lab File: VW012390.D

Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.0	60.0
148	65.3	32.1	96.3





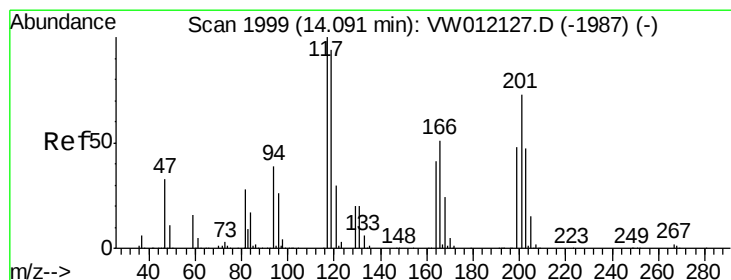
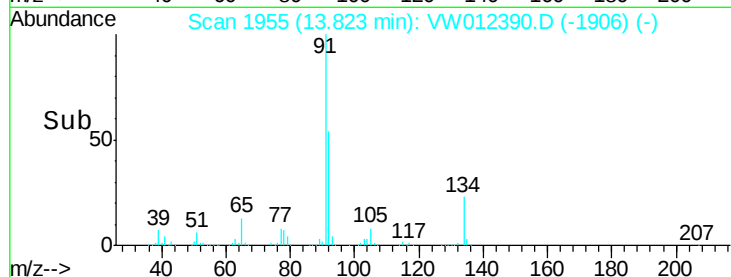
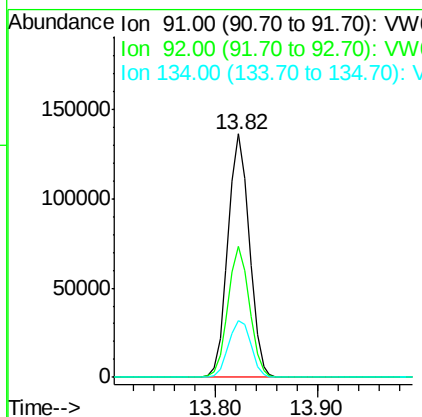
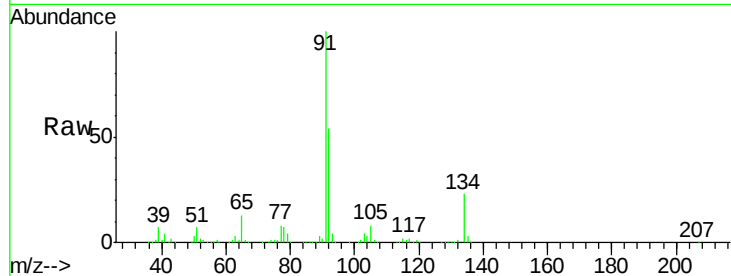
#89
n-Butylbenzene
Concen: 20.374 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	198298		
92	53.8		27.1	81.2
134	24.3		12.2	36.4

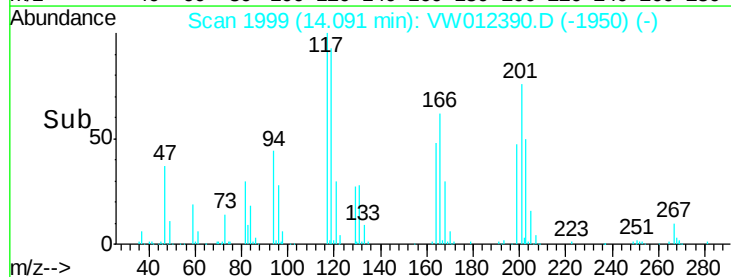
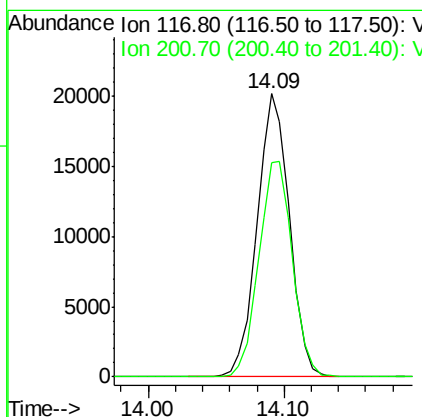
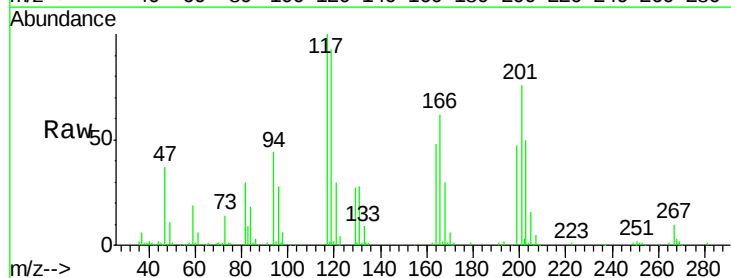
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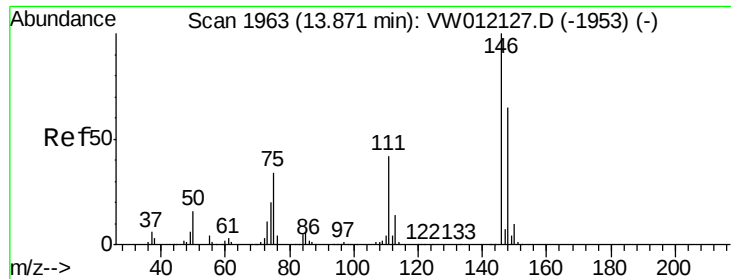
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#90
Hexachloroethane
Concen: 19.546 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	33563		
201	79.1		38.6	115.7





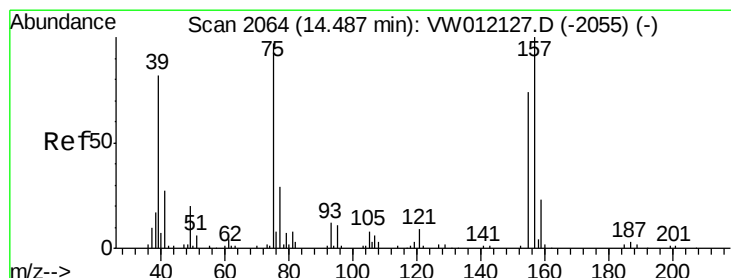
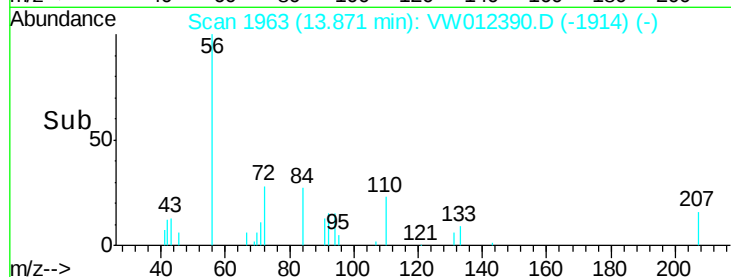
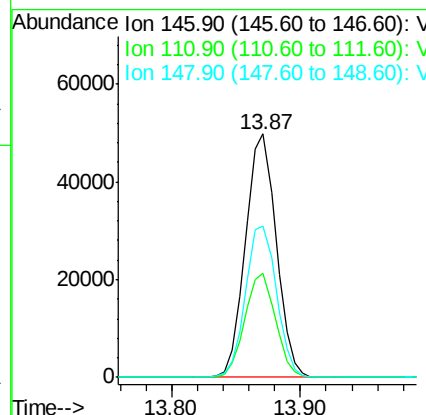
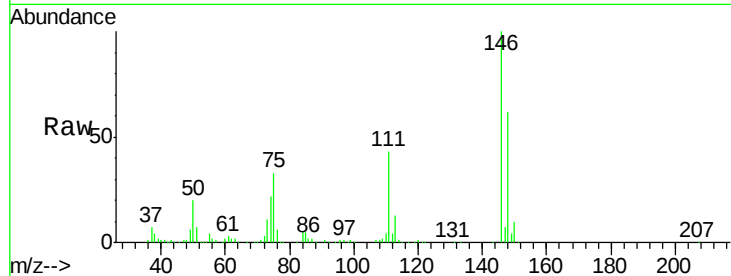
#91
 1,2-Dichlorobenzene
 Concen: 20.437 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.2	63.6
148	62.9	32.5	97.4

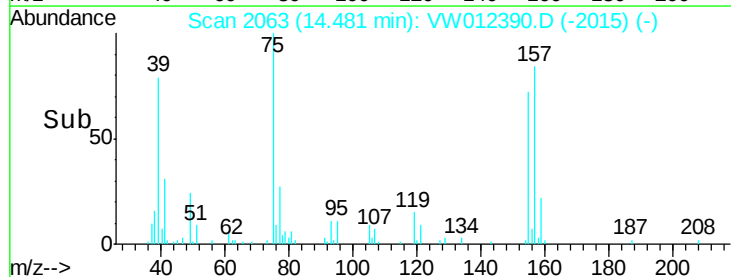
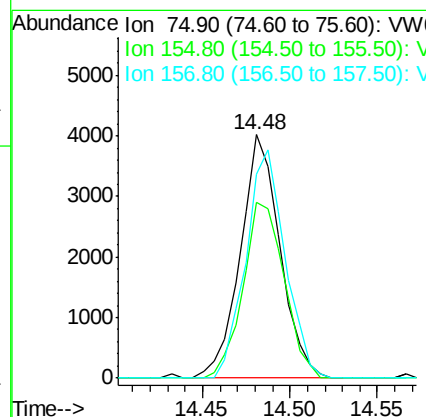
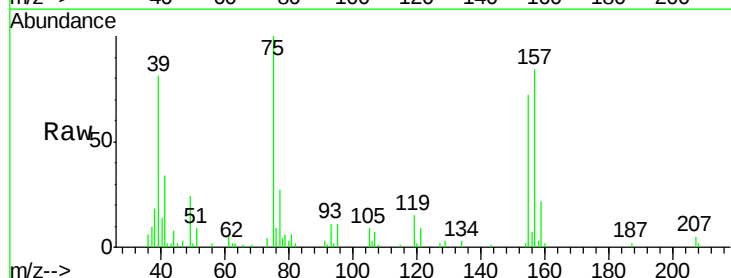
Manual Integrations
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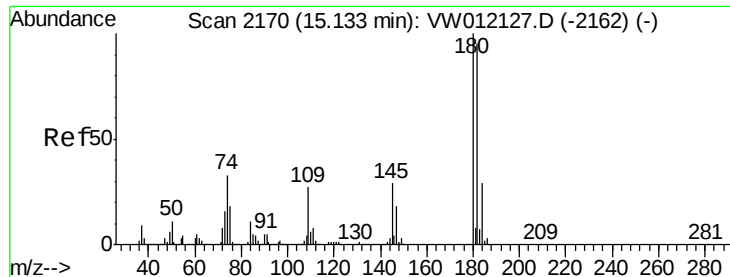
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.942 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.8	37.5	112.3
157	93.0	50.5	151.5





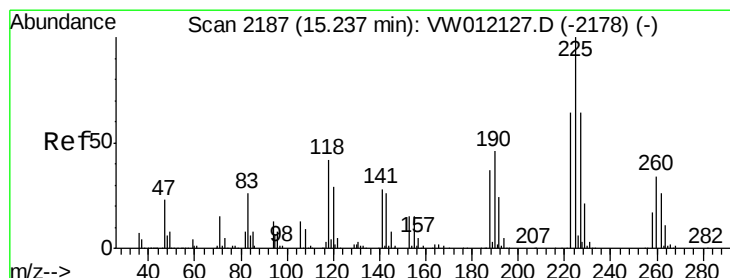
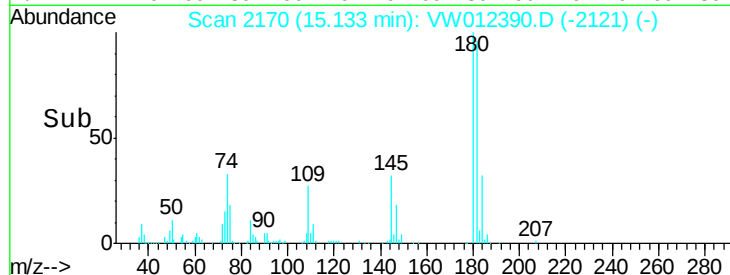
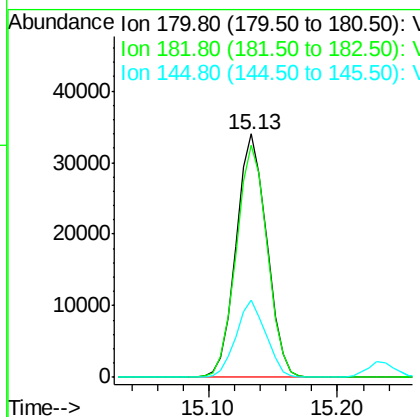
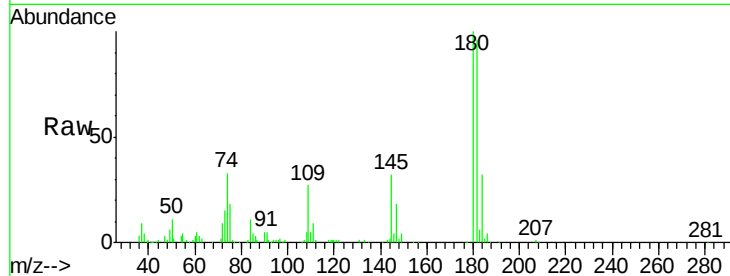
#93
 1,2,4-Trichlorobenzene
 Concen: 20.218 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	56051		
182	96.4		47.8	143.4
145	31.2		15.0	45.1

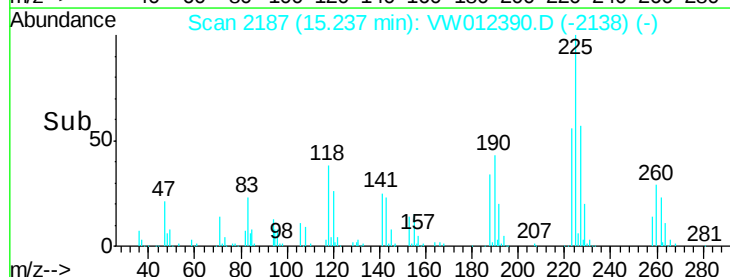
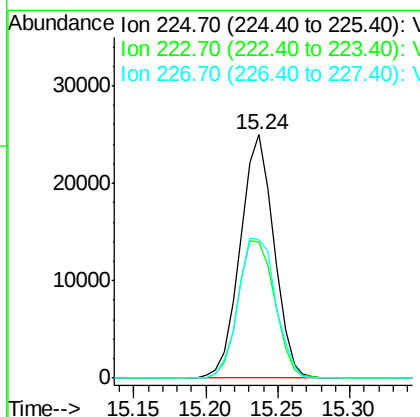
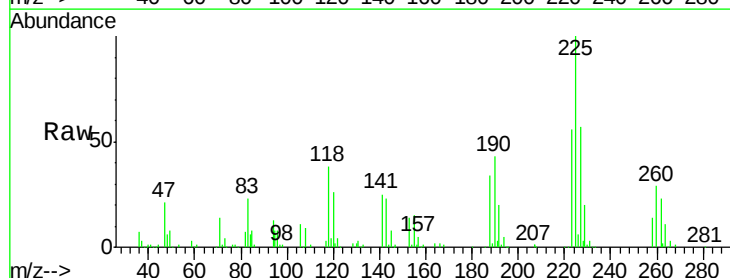
Manual Integrations
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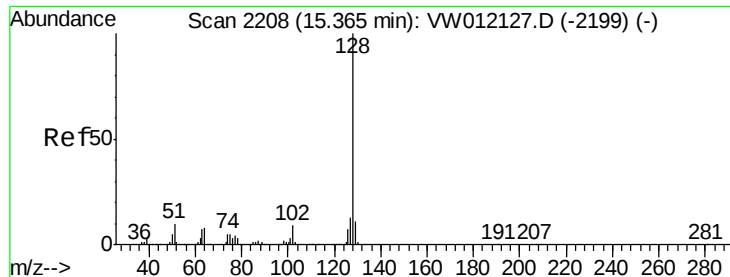
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#94
 Hexachlorobutadiene
 Concen: 22.160 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012390.D
 Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	40567		
223	61.3		32.3	96.8
227	63.8		32.9	98.6





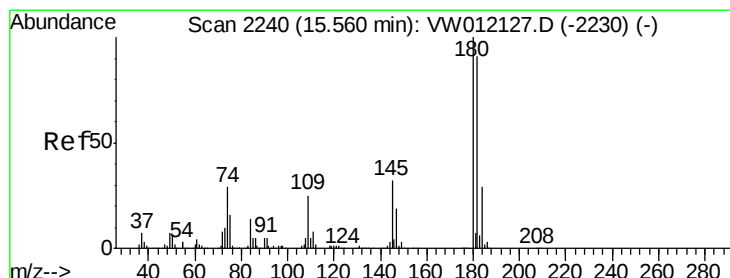
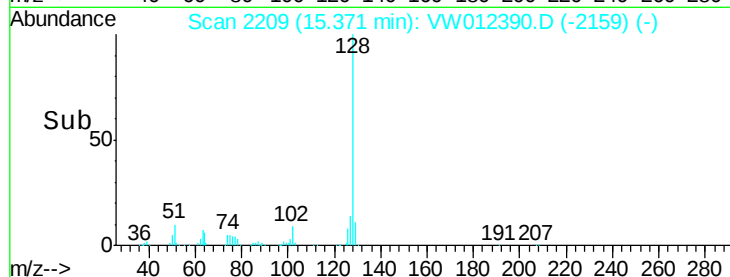
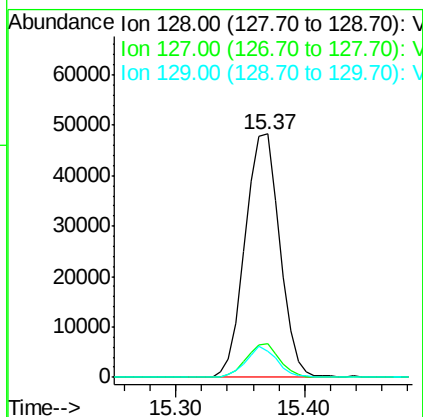
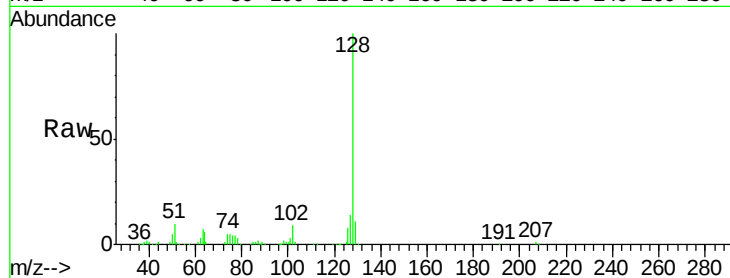
#95
Naphthalene
Concen: 19.375 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	11.2	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/3/2019 2:42:07 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.393 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012390.D
Acq: 31 Aug 2019 10:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.1	141.3
145	31.7	16.2	48.5

