

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012161.D
 Acq On : 26 Aug 2019 10:21
 Operator : SY/VA
 Sample : VW0826SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/27/2019 11:04:02 AM

Quant Time: Aug 26 16:33:49 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	275508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	436055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	374751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	180940	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	166831	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
35) Dibromofluoromethane	7.88	113	135209	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	10.32	98	561271	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
62) 4-Bromofluorobenzene	12.62	95	194542	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	32131	18.941	ug/l 99
3) Chloromethane	2.21	50	48612	18.496	ug/l 100
4) Vinyl Chloride	2.36	62	60319	18.751	ug/l 98
5) Bromomethane	2.76	94	26611	16.334	ug/l 98
6) Chloroethane	2.90	64	33825	18.640	ug/l 98
7) Trichlorofluoromethane	3.24	101	28963	17.931	ug/l 97
8) Diethyl Ether	3.68	74	28687	18.711	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52336	19.062	ug/l 99
10) Methyl Iodide	4.26	142	68820	18.525	ug/l 100
11) Tert butyl alcohol	5.18	59	18351	93.107	ug/l 99
12) 1,1-Dichloroethene	4.04	96	52058	18.838	ug/l 98
13) Acrolein	3.89	56	17597	94.847	ug/l 96
14) Allyl chloride	4.66	41	113919	19.282	ug/l 99
15) Acrylonitrile	5.37	53	71775	94.448	ug/l 98
16) Acetone	4.12	43	72103	86.125	ug/l 98
17) Carbon Disulfide	4.37	76	144654	17.320	ug/l 99
18) Methyl Acetate	4.67	43	40217	19.395	ug/l 99
19) Methyl tert-butyl Ether	5.42	73	84313	18.866	ug/l 93
20) Methylene Chloride	4.91	84	58266	18.410	ug/l 100
21) trans-1,2-Dichloroethene	5.42	96	57656	19.456	ug/l 97
22) Diisopropyl ether	6.31	45	218022	19.909	ug/l 99
23) Vinyl Acetate	6.25	43	635172	94.249	ug/l 99
24) 1,1-Dichloroethane	6.21	63	117814	19.759	ug/l 99
25) 2-Butanone	7.17	43	103032	90.566	ug/l 96
26) 2,2-Dichloropropane	7.16	77	67958	20.136	ug/l 99
27) cis-1,2-Dichloroethene	7.16	96	61941	19.564	ug/l 98
28) Bromochloromethane	7.51	49	54438	20.948	ug/l 100
29) Tetrahydrofuran	7.53	42	63078	92.417	ug/l 100
30) Chloroform	7.67	83	109738	20.117	ug/l 97
31) Cyclohexane	7.95	56	108850	18.452	ug/l 97
32) 1,1,1-Trichloroethane	7.87	97	86247	19.986	ug/l 99
36) 1,1-Dichloropropene	8.08	75	89407	19.841	ug/l 100
37) Ethyl Acetate	7.25	43	43839	17.754	ug/l 98
38) Carbon Tetrachloride	8.07	117	78852	20.218	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	94122	18.593	ug/l	99
40) Benzene	8.32	78	245002	19.912	ug/l	99
41) Methacrylonitrile	7.48	41	29889	20.595	ug/l	93
42) 1,2-Dichloroethane	8.40	62	77281	20.040	ug/l	100
43) Isopropyl Acetate	8.42	43	85388	18.669	ug/l	99
44) Trichloroethene	9.09	130	59524	19.900	ug/l	99
45) 1,2-Dichloropropane	9.37	63	65672	19.832	ug/l	99
46) Dibromomethane	9.46	93	28416	19.286	ug/l	100
47) Bromodichloromethane	9.64	83	77389	19.736	ug/l	99
48) Methyl methacrylate	9.43	41	39925	18.340	ug/l	96
49) 1,4-Dioxane	9.46	88	8475	375.739	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	215865	92.788	ug/l	100
52) Toluene	10.38	92	148327	20.067	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	78335	19.612	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	93909	19.472	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	41199	19.763	ug/l	98
56) Ethyl methacrylate	10.65	69	57230	18.863	ug/l	99
57) 1,3-Dichloropropane	10.93	76	77185	19.593	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	149667	96.119	ug/l	99
59) 2-Hexanone	10.97	43	150716	91.560	ug/l	100
60) Dibromochloromethane	11.13	129	45711	19.687	ug/l	99
61) 1,2-Dibromoethane	11.23	107	38224	19.682	ug/l	99
64) Tetrachloroethene	10.86	164	48745	20.063	ug/l	96
65) Chlorobenzene	11.66	112	147341	19.967	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	51823	20.131	ug/l	98
67) Ethyl Benzene	11.73	91	283880	19.971	ug/l	100
68) m/p-Xylenes	11.84	106	206571	40.343	ug/l	99
69) o-Xylene	12.16	106	95197	20.088	ug/l	100
70) Styrene	12.18	104	166526	20.301	ug/l	100
71) Bromoform	12.35	173	25002	19.493	ug/l #	99
73) Isopropylbenzene	12.46	105	267295	19.715	ug/l	98
74) N-amyl acetate	12.27	43	76346	18.638	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48385	19.466	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	40151m	22.784	ug/l	
77) Bromobenzene	12.74	156	58241	19.856	ug/l	99
78) n-propylbenzene	12.80	91	334045	20.182	ug/l	99
79) 2-Chlorotoluene	12.89	91	188356	20.044	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	230988	20.389	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15396	19.155	ug/l	99
82) 4-Chlorotoluene	12.99	91	197282	20.050	ug/l	99
83) tert-Butylbenzene	13.21	119	194572	20.275	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	231837	20.372	ug/l	100
85) sec-Butylbenzene	13.38	105	278908	20.286	ug/l	99
86) p-Isopropyltoluene	13.50	119	252167	20.537	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	115735	20.173	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	114721	20.139	ug/l	98
89) n-Butylbenzene	13.82	91	248055	20.315	ug/l	100
90) Hexachloroethane	14.09	117	44063	20.454	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	101896	20.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7771	18.545	ug/l	97

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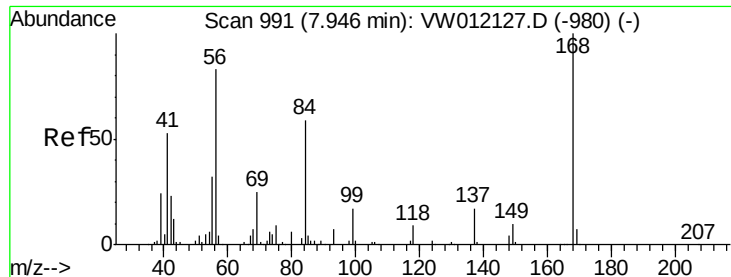
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	69943	20.110	ug/l	98
94) Hexachlorobutadiene	15.24	225	47697	20.769	ug/l	98
95) Naphthalene	15.36	128	112552	19.387	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	60230	19.848	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: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

ClientSampled :

VW0826SBS01

Tot Ion:168 Resp: 275508

Ion Ratio Lower Upper

168 100

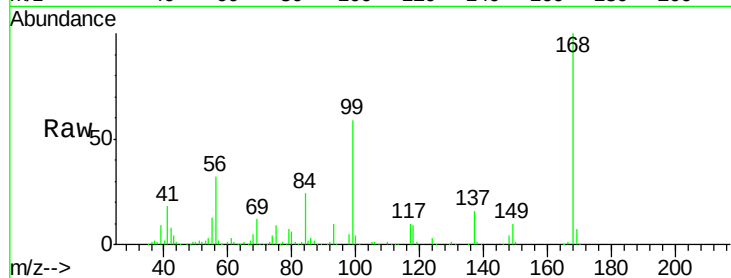
99 58.6 49.2 73.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

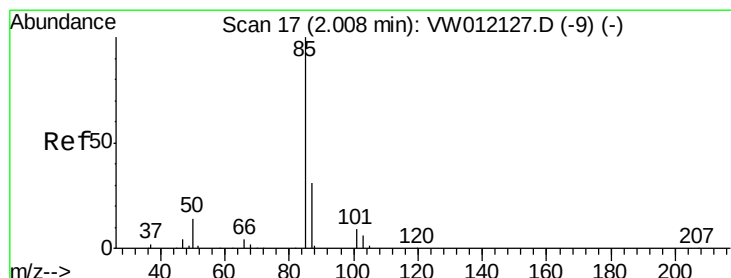
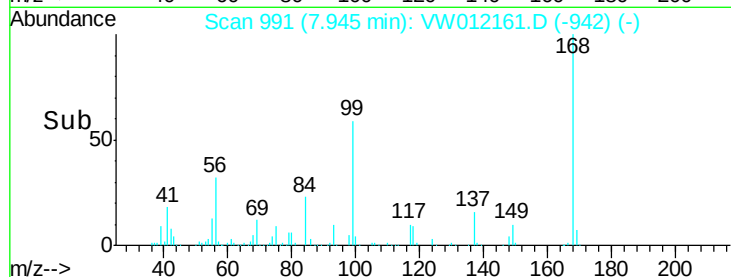
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.941 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012161.D

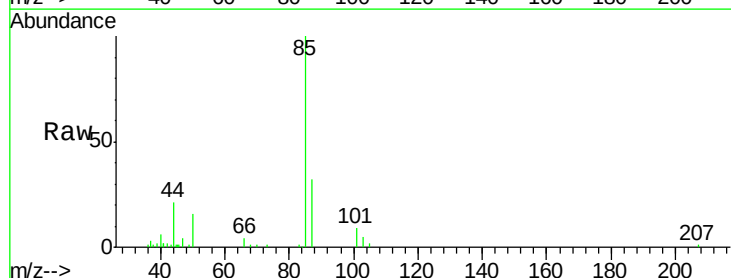
Acq: 26 Aug 2019 10:21

Tgt Ion: 85 Resp: 32131

Ion Ratio Lower Upper

85 100

87 31.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

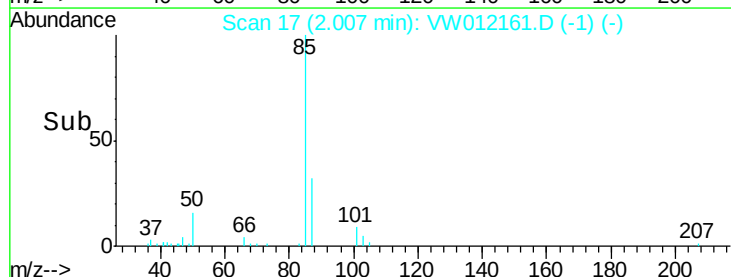
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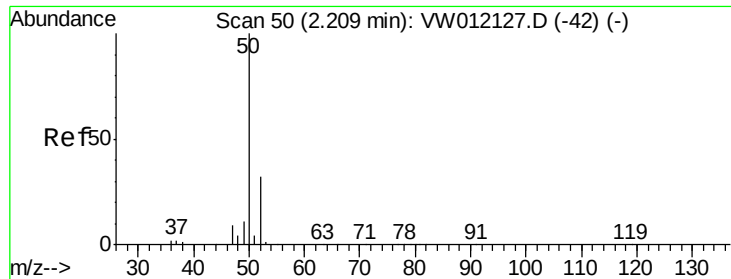
10000

5000

0

Time-->





#3

Chloromethane

Concen: 18.496 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS01

Tot Ion: 50 Resp: 48612

Ion Ratio Lower Upper

50 100

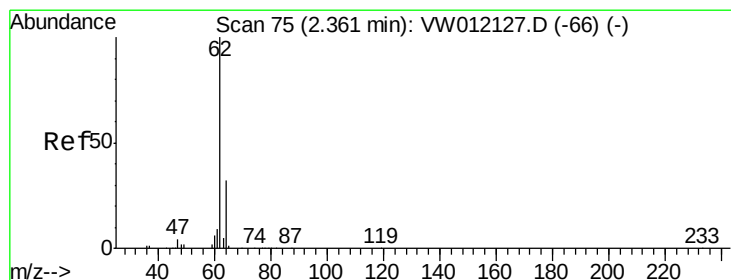
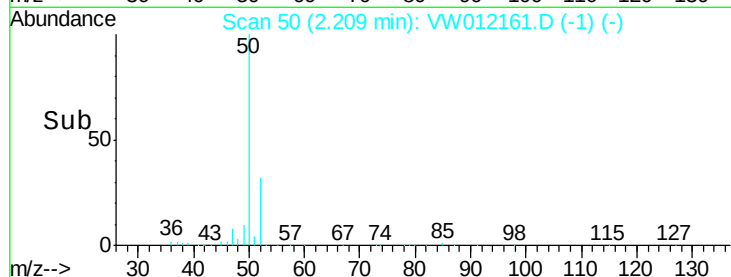
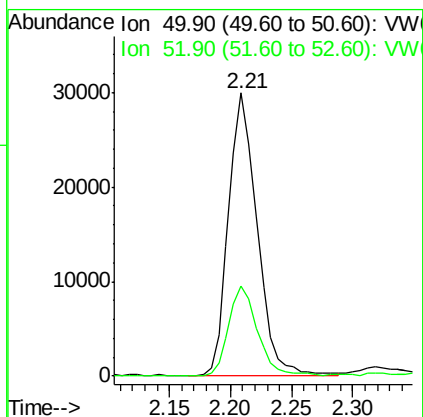
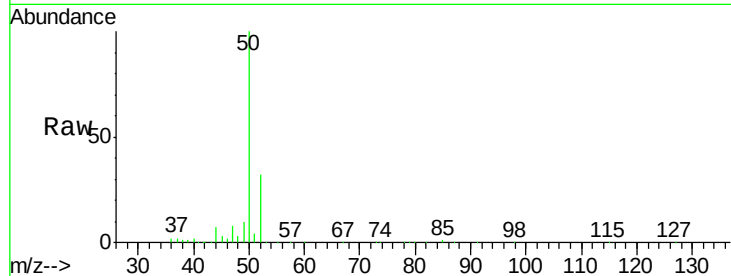
52 32.0 25.5 38.3

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#4

Vinyl Chloride

Concen: 18.751 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012161.D

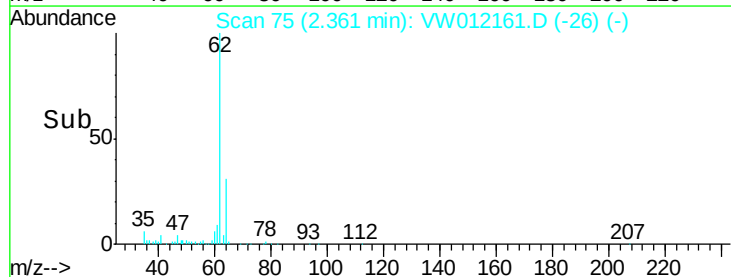
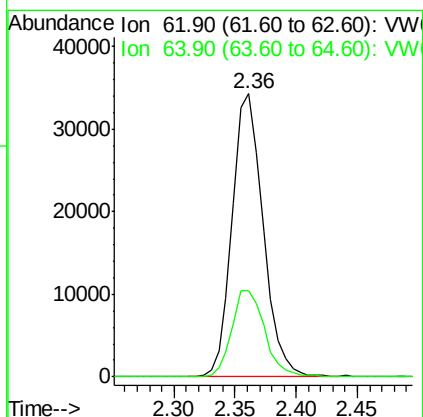
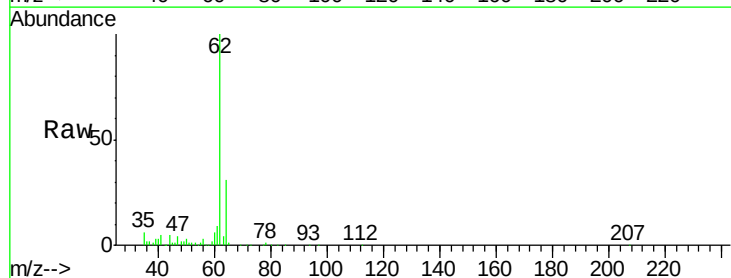
Acq: 26 Aug 2019 10:21

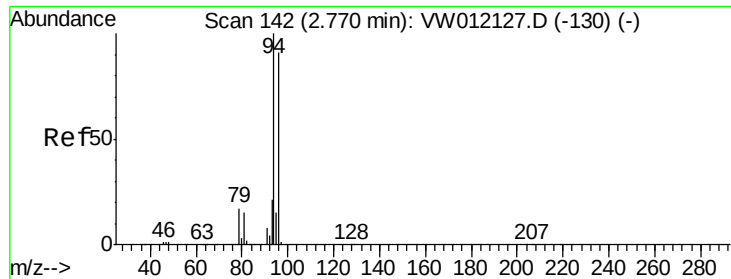
Tgt Ion: 62 Resp: 60319

Ion Ratio Lower Upper

62 100

64 30.7 25.3 37.9





#5

Bromomethane

Concen: 16.334 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS01

Tot Ion: 94 Resp: 26611

Ion Ratio Lower Upper

94 100

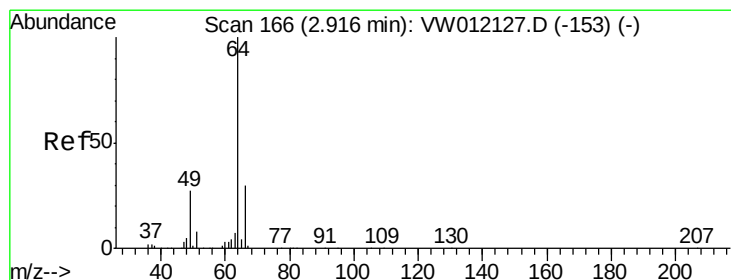
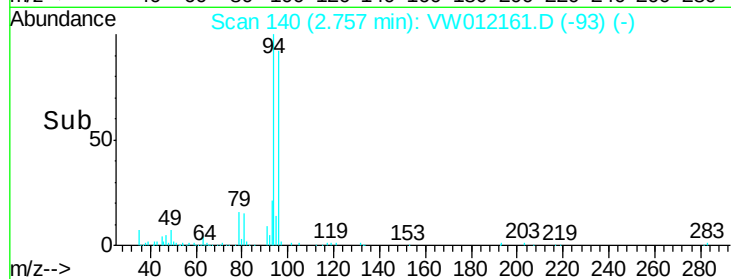
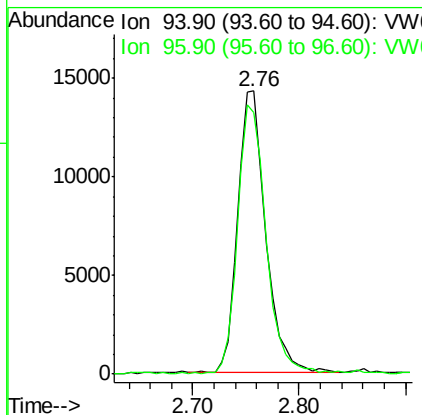
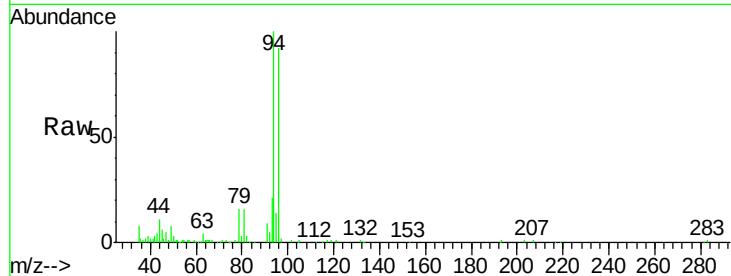
96 92.8 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 18.640 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012161.D

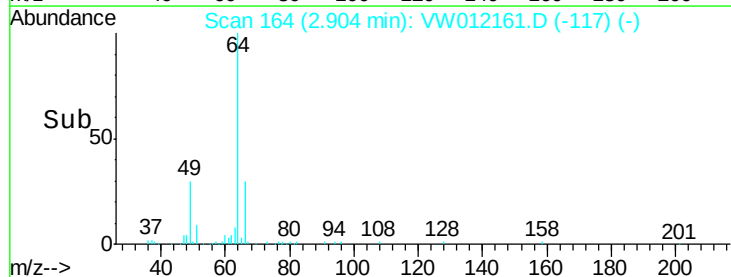
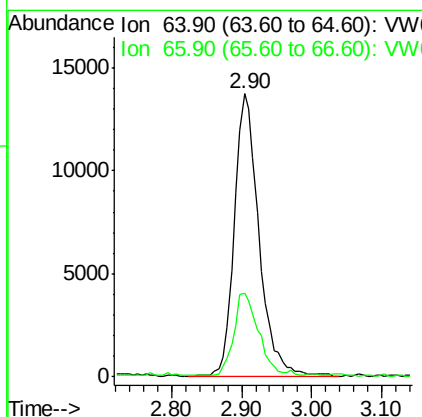
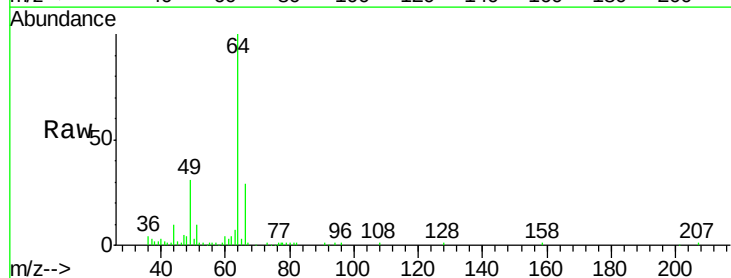
Acq: 26 Aug 2019 10:21

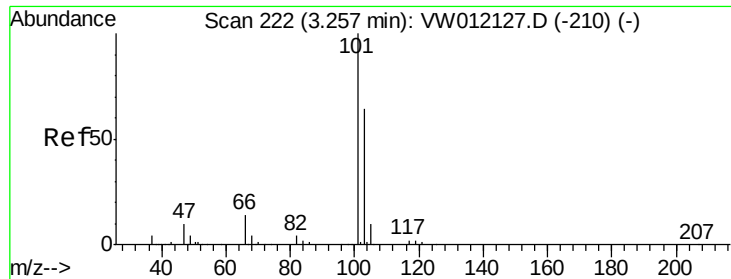
Tgt Ion: 64 Resp: 33825

Ion Ratio Lower Upper

64 100

66 28.9 23.8 35.8





#7

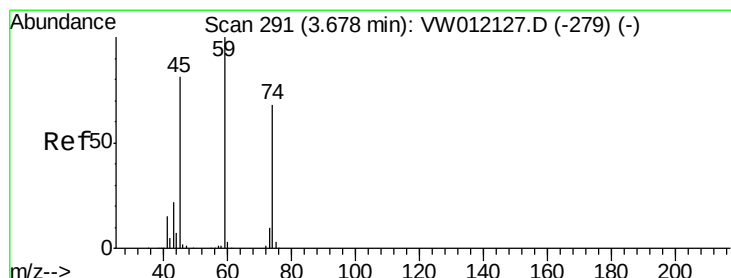
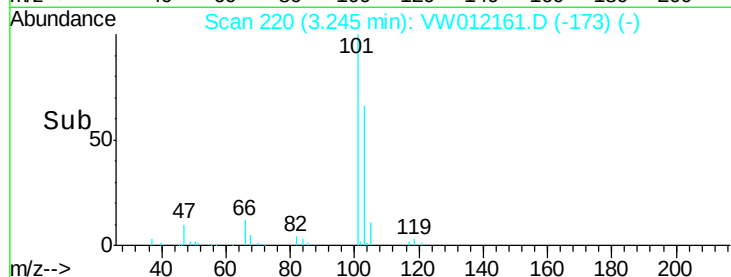
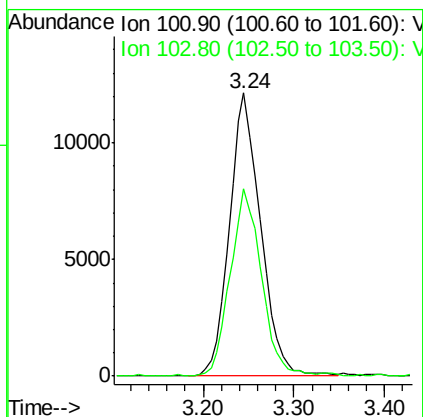
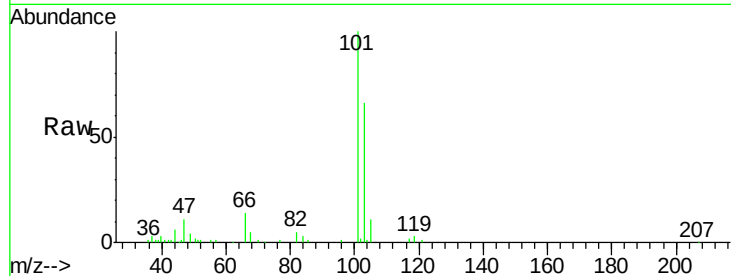
Trichlorofluoromethane
 Concen: 17.931 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012161.D
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 VW0826SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	28963		
103	66.0	51.2	76.8	

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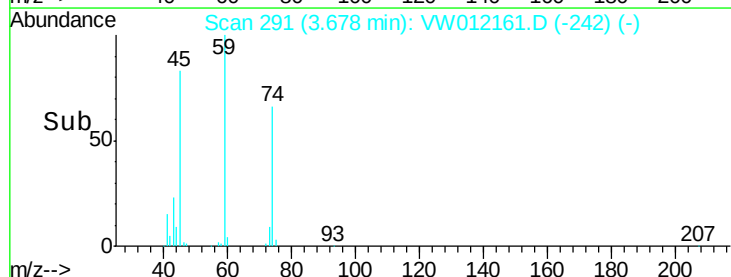
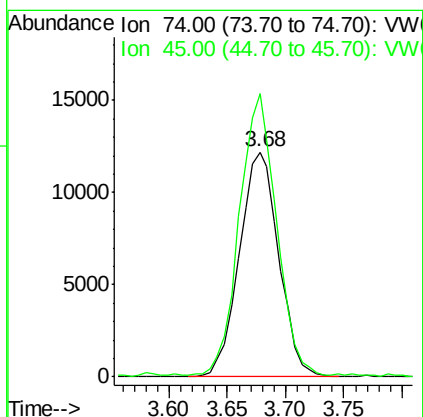
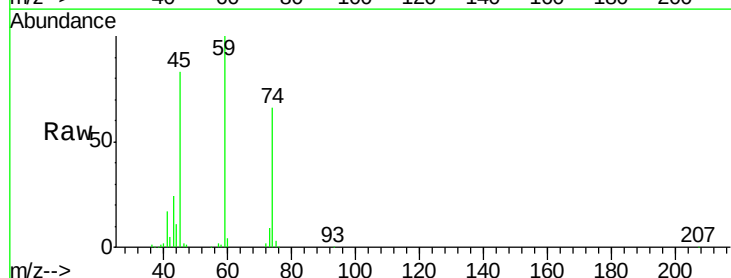
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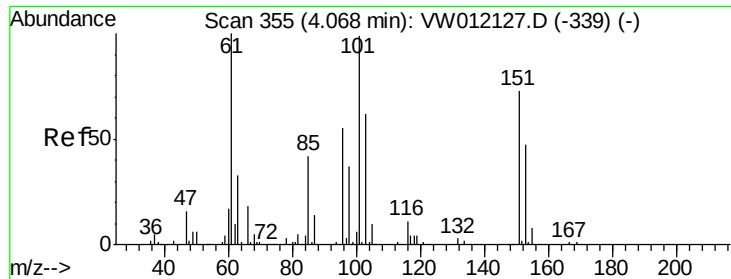


#8

Diethyl Ether
 Concen: 18.711 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	28687		
45	118.3	59.2	177.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.062 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

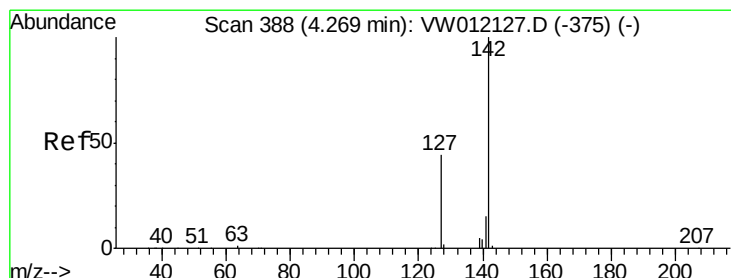
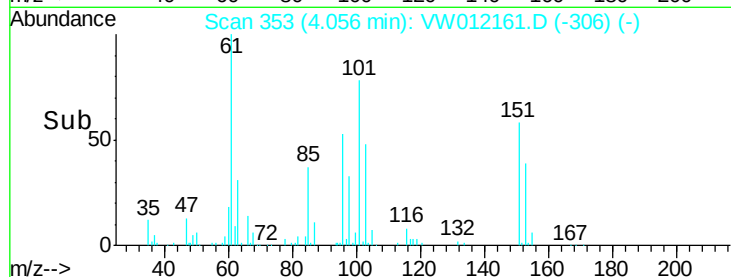
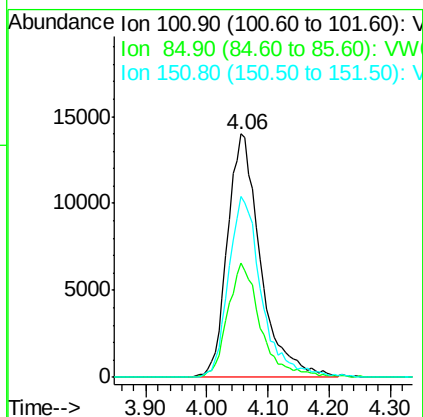
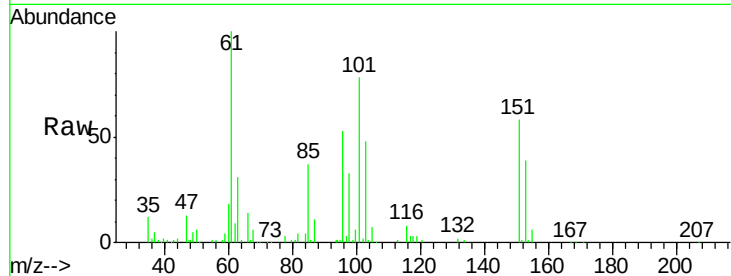
ClientSampleId :

VW0826SBS01

Tot Ion:	101	Resp:	52336
Ion Ratio	Lower	Upper	
101	100		
85	46.3	35.8	53.6
151	73.9	58.6	87.8

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#10

Methyl Iodide

Concen: 18.525 ug/l

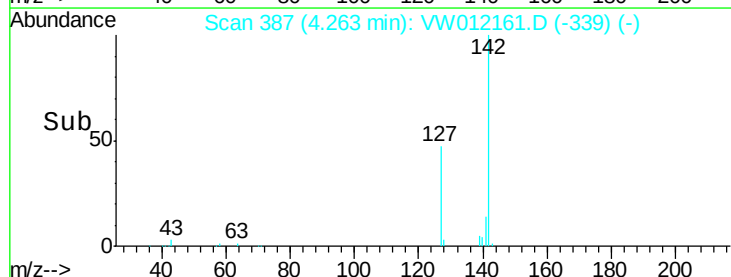
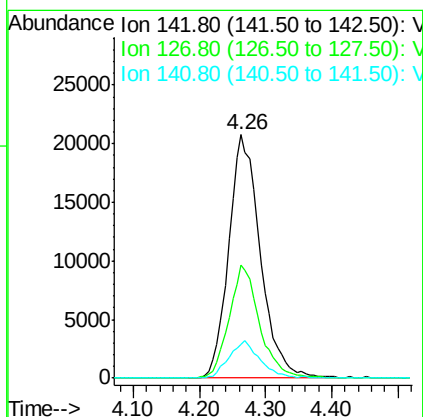
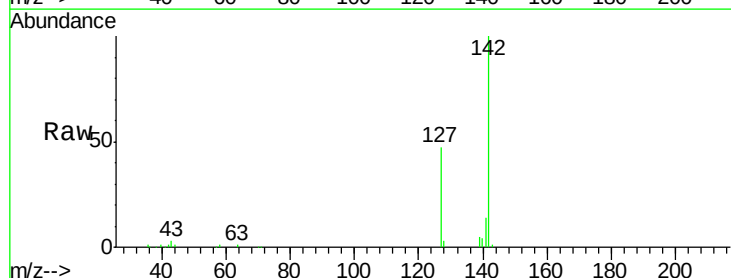
RT: 4.26 min Scan# 387

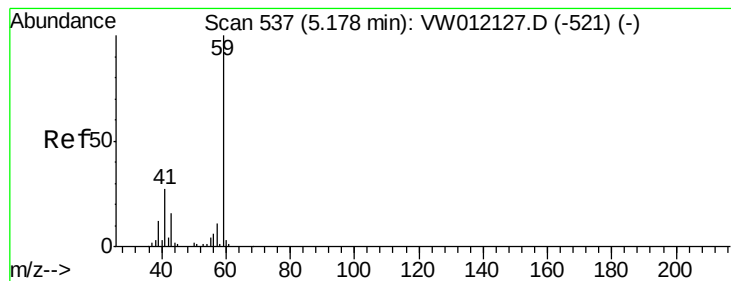
Delta R.T. -0.01 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Tgt Ion:	142	Resp:	68820
Ion Ratio	Lower	Upper	
142	100		
127	44.6	35.5	53.3
141	14.9	11.8	17.8





#11

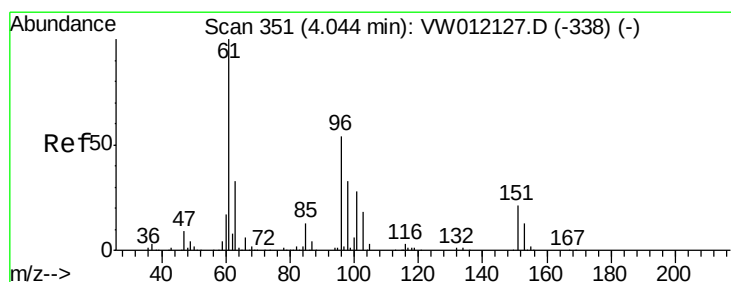
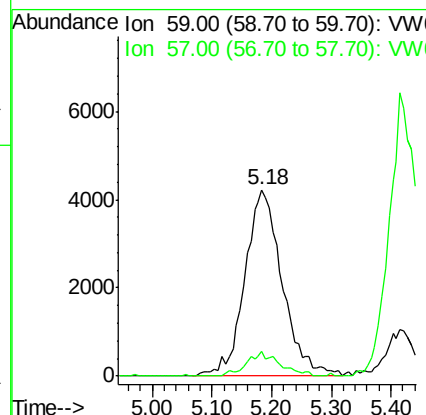
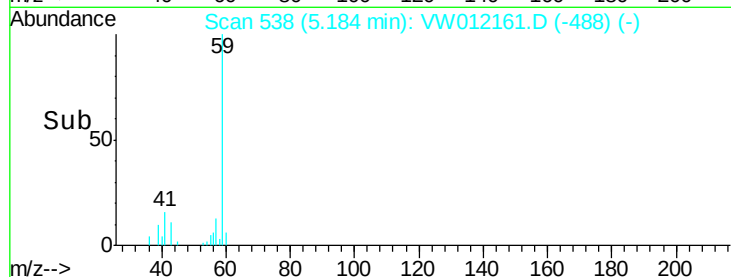
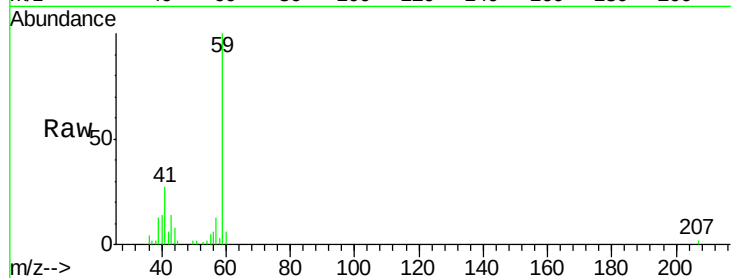
Tert butyl alcohol
Concen: 93.107 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.5	9.0	13.4

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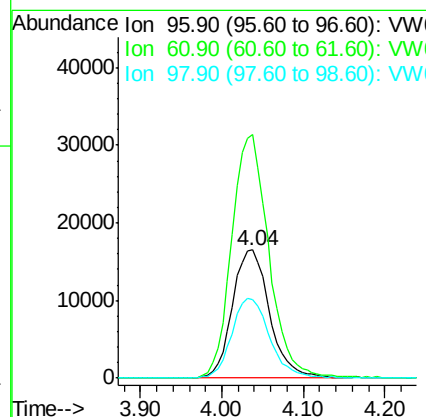
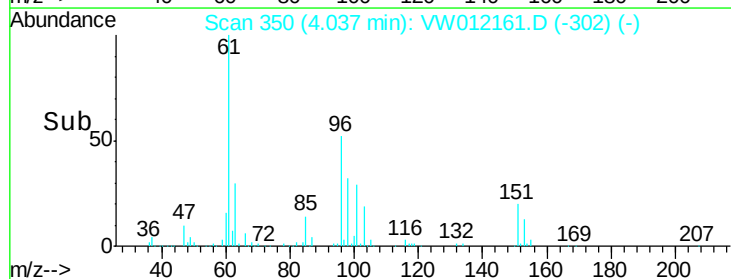
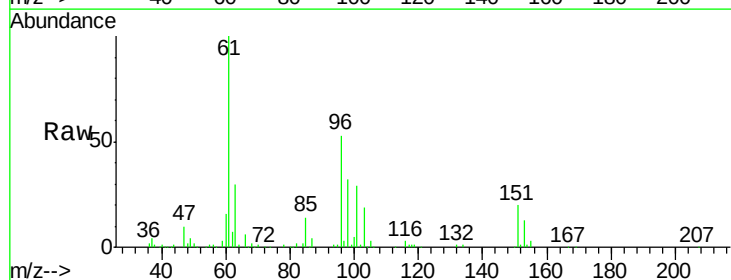
MMDadoda
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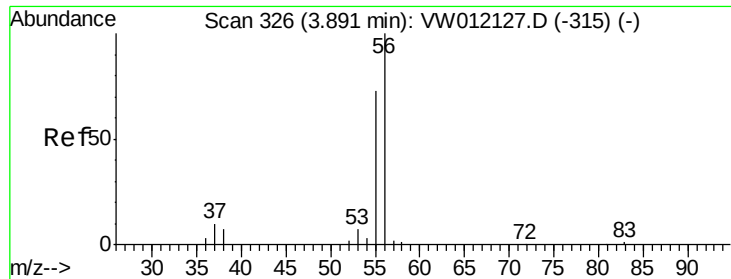


#12

1,1-Dichloroethene
Concen: 18.838 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	189.9	149.1	223.7
98	61.7	49.4	74.2





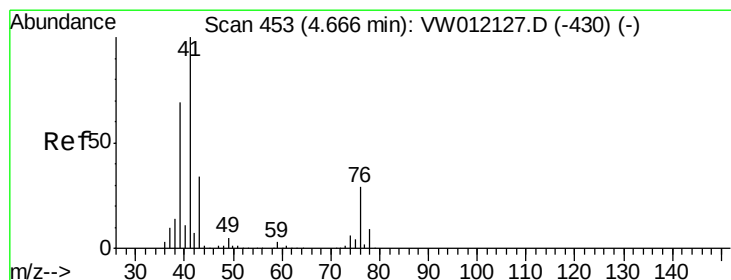
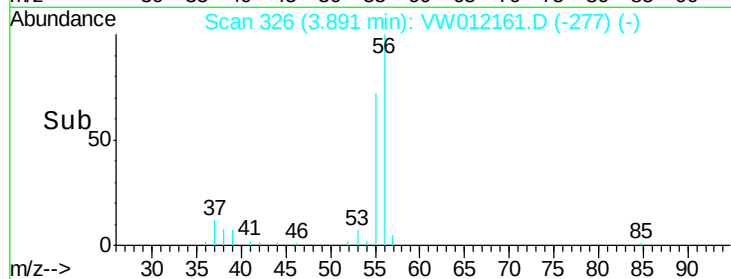
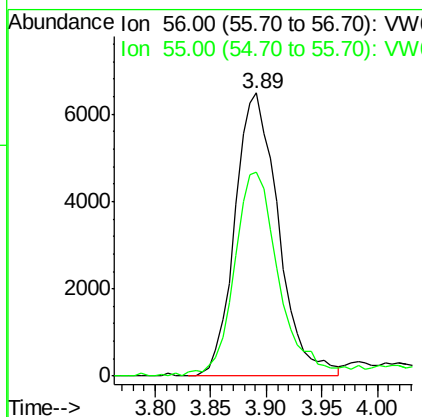
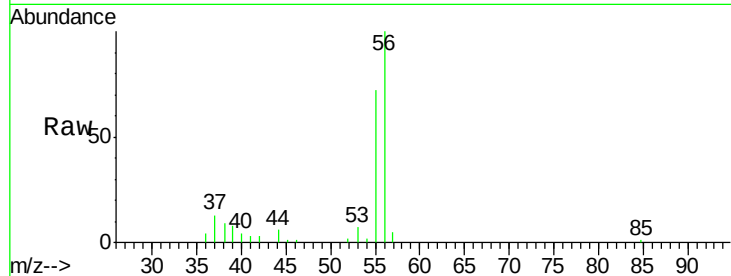
#13
Acrolein
Concen: 94.847 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS01

Tot Ion	56	Resp	17597
Ion Ratio	100	Lower	Upper
56	100		
55	73.4	55.8	83.8

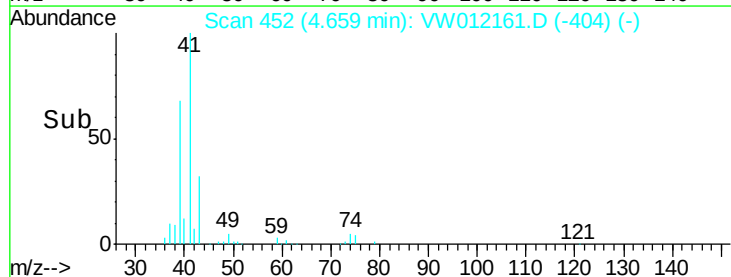
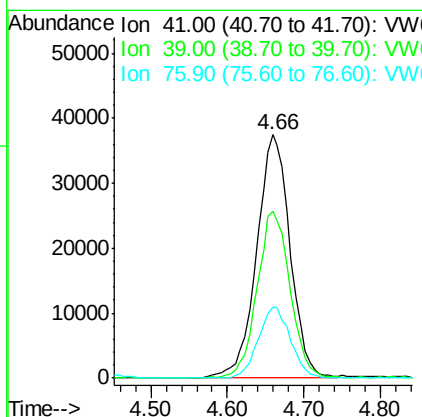
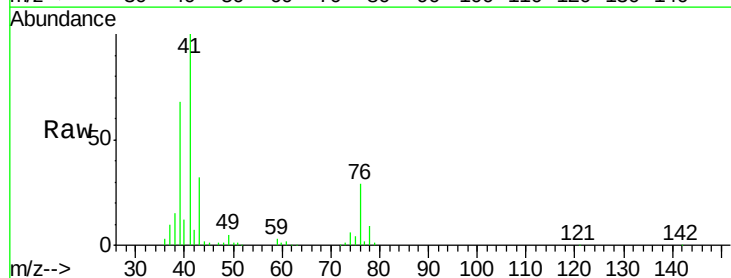
Manual Integrations
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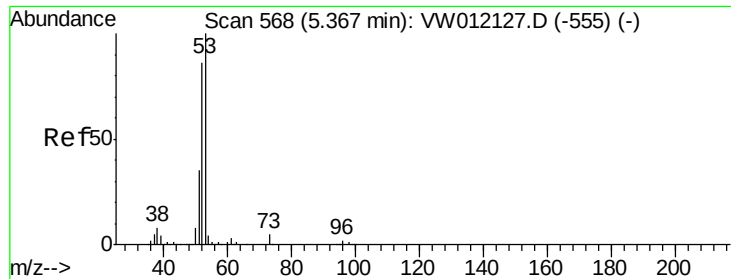
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#14
Allyl chloride
Concen: 19.282 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion	41	Resp	113919
Ion Ratio	100	Lower	Upper
41	100		
39	68.0	53.4	80.2
76	28.1	22.1	33.1





#15

Acrylonitrile

Concen: 94.448 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

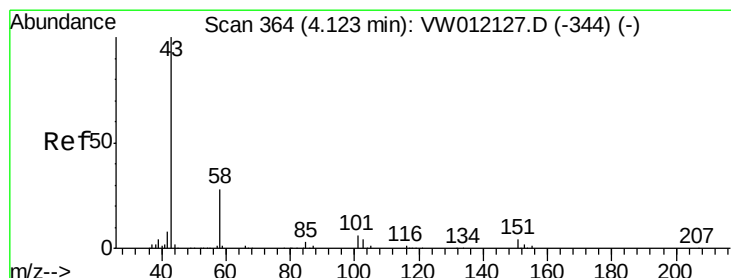
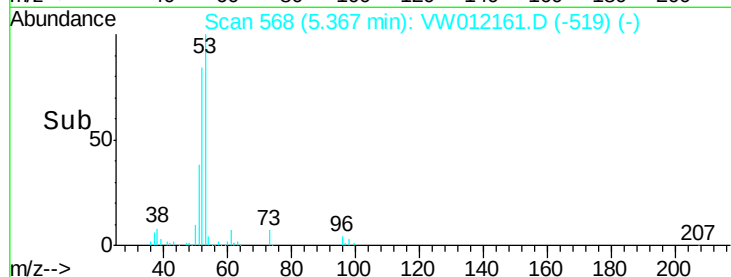
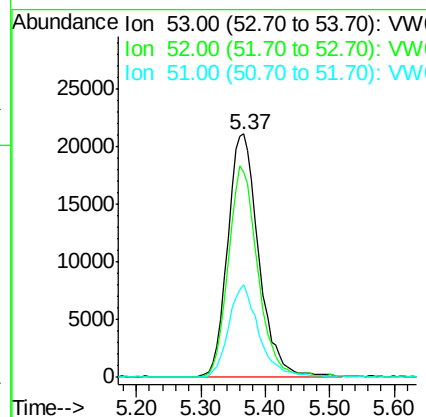
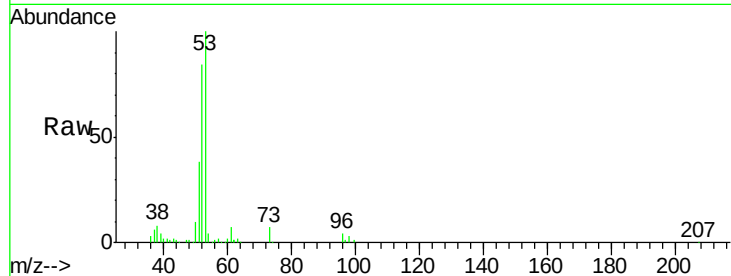
ClientSampleId :

VW0826SBS01

Tot Ion:	53	Resp:	71775
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.7	100.1
51	36.9	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 86.125 ug/l

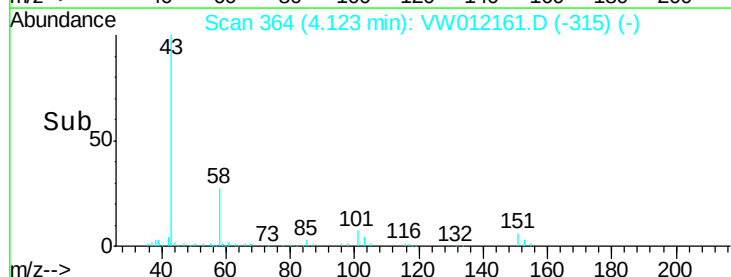
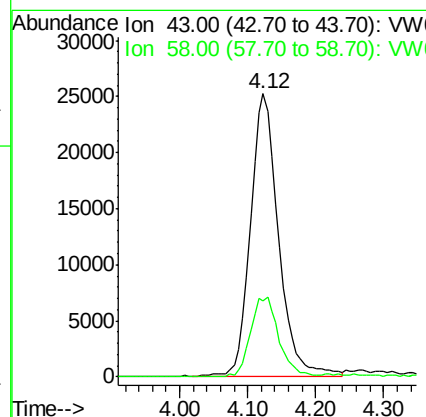
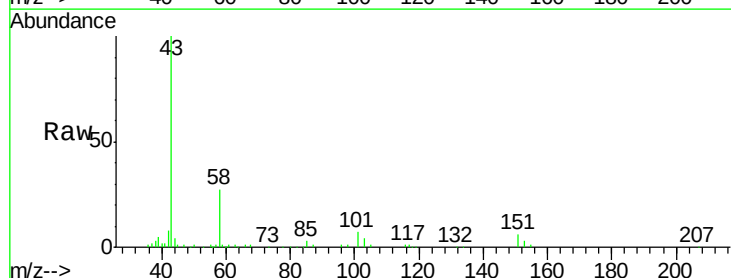
RT: 4.12 min Scan# 364

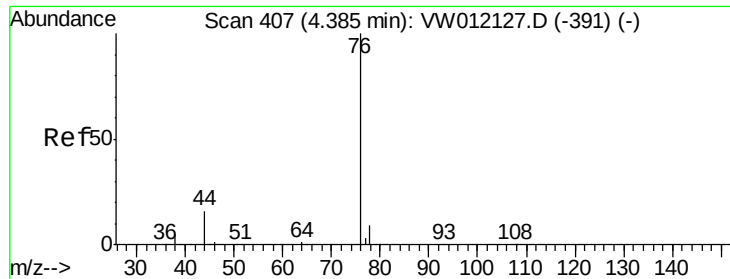
Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Tgt Ion:	43	Resp:	72103
Ion	Ratio	Lower	Upper
43	100		
58	26.9	22.4	33.6





#17

Carbon Disulfide

Concen: 17.320 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS01

Tot Ion: 76 Resp: 144654

Ion Ratio Lower Upper

76 100

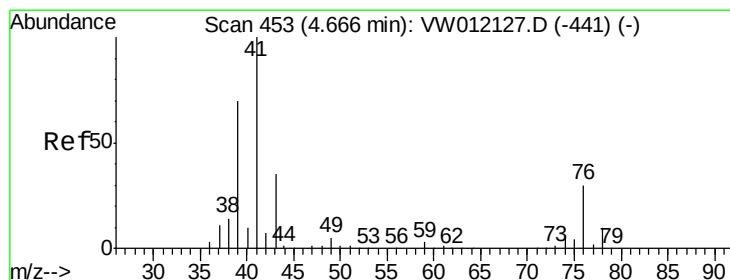
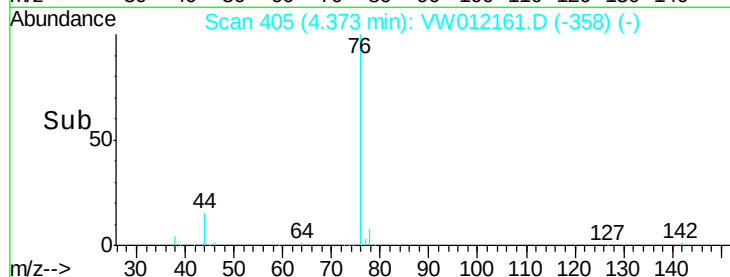
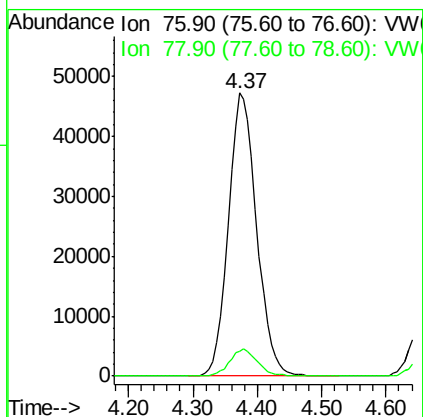
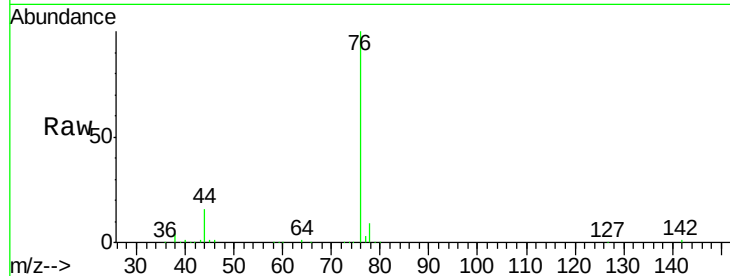
78 8.9 7.3 10.9

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#18

Methyl Acetate

Concen: 19.395 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012161.D

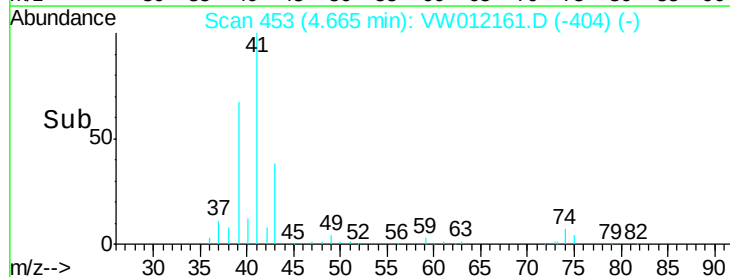
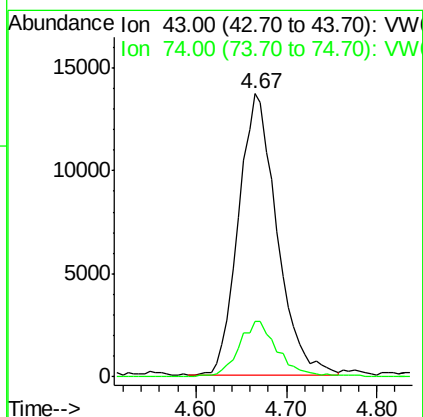
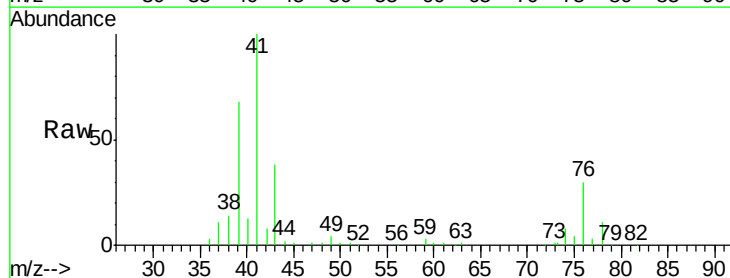
Acq: 26 Aug 2019 10:21

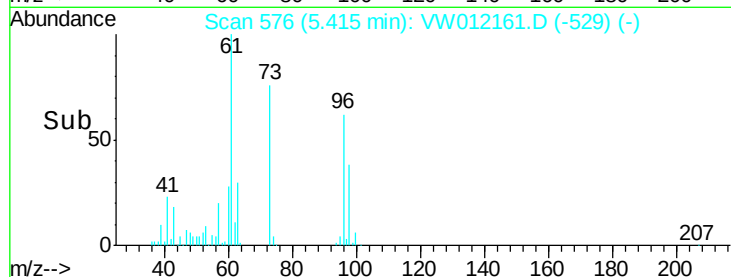
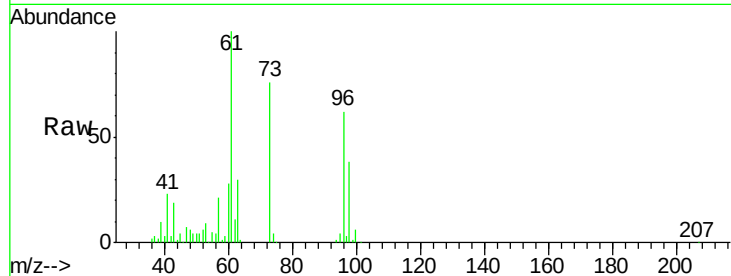
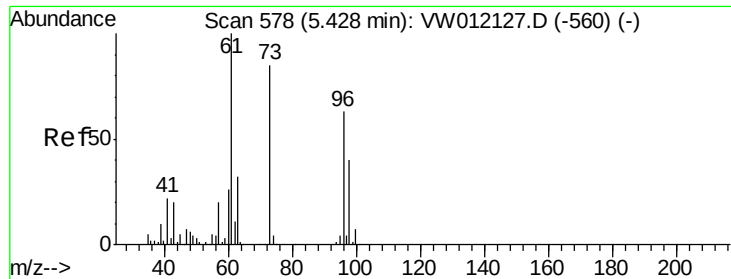
Tgt Ion: 43 Resp: 40217

Ion Ratio Lower Upper

43 100

74 19.9 15.7 23.5





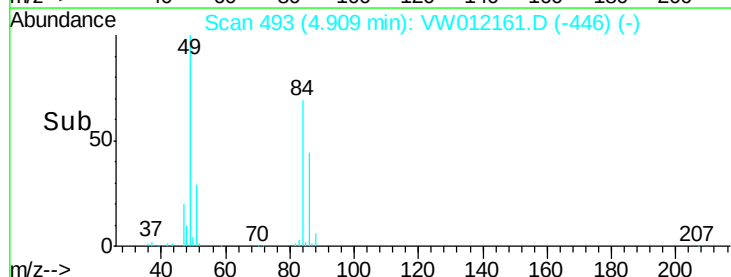
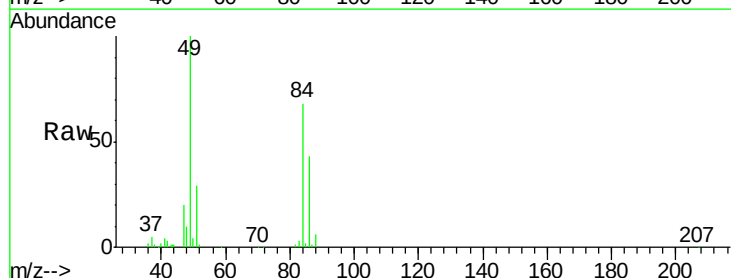
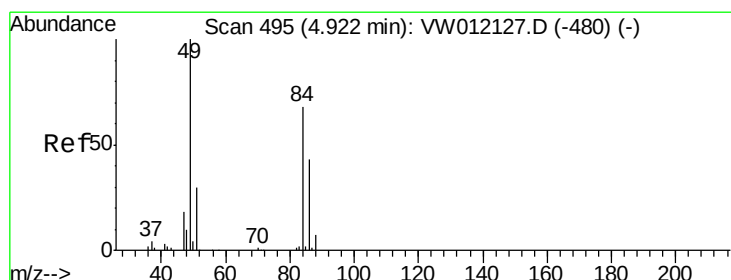
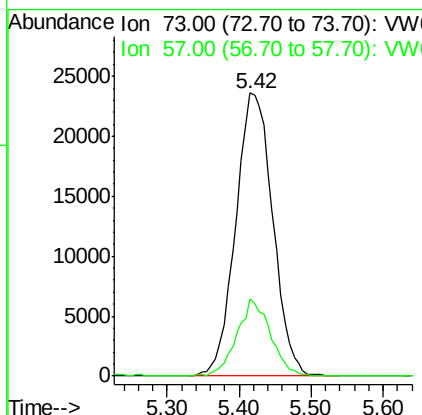
#19
Methyl tert-butyl Ether
Concen: 18.866 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tot Ion	73	Resp	84313
Ion Ratio	100	Lower	Upper
57	27.2	18.9	28.3

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS01

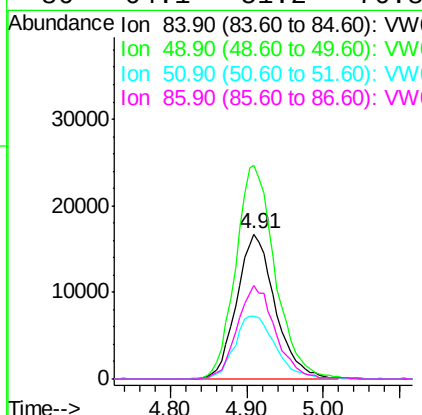
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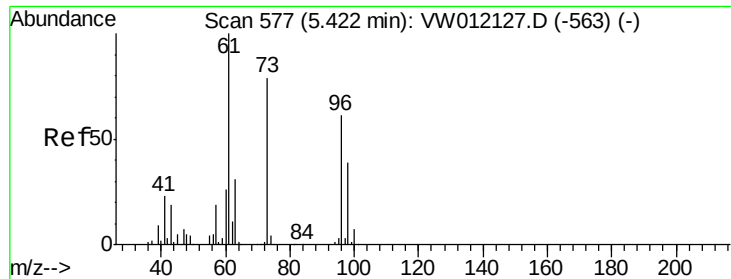
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#20
Methylene Chloride
Concen: 18.410 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion	84	Resp	58266
Ion Ratio	100	Lower	Upper
49	147.3	117.8	176.8
51	43.4	35.6	53.4
86	64.1	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 19.456 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

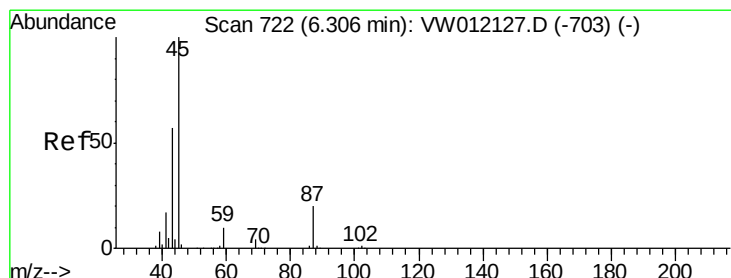
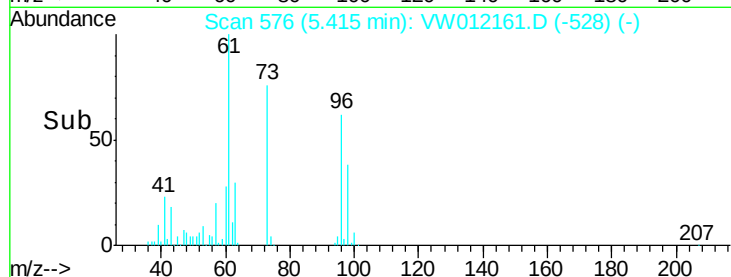
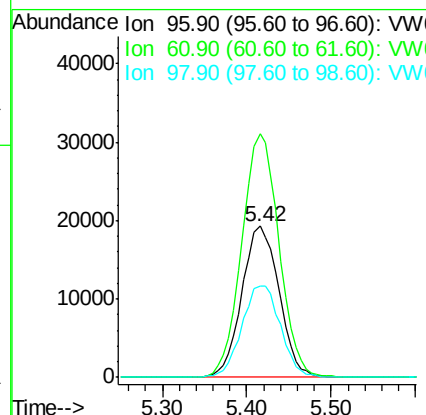
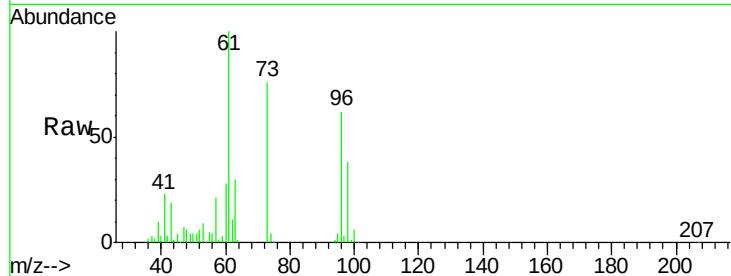
ClientSampleId :

VW0826SBS01

Tot Ion:	96	Resp:	57656
Ion	Ratio	Lower	Upper
96	100		
61	161.3	131.4	197.0
98	60.8	51.4	77.0

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#22

Diisopropyl ether

Concen: 19.909 ug/l

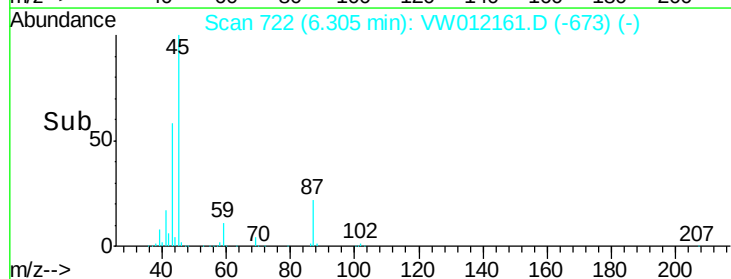
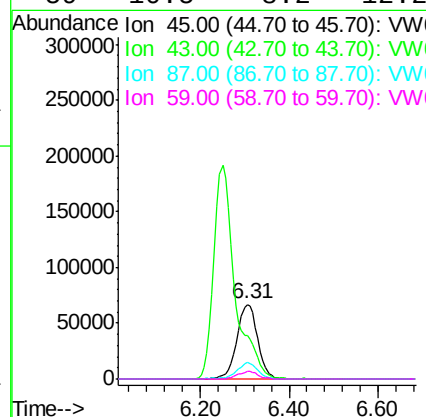
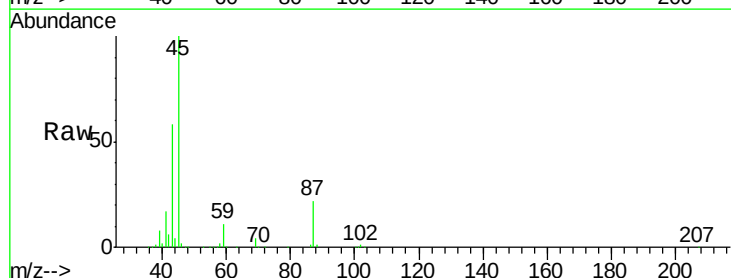
RT: 6.31 min Scan# 722

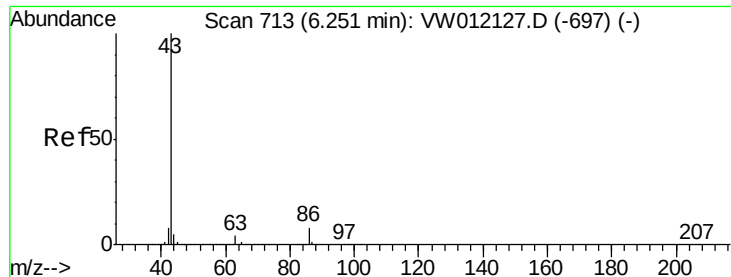
Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Tgt Ion:	45	Resp:	218022
Ion	Ratio	Lower	Upper
45	100		
43	57.5	45.5	68.3
87	21.6	16.1	24.1
59	10.5	8.2	12.2





#23

Vinyl Acetate

Concen: 94.249 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS01

Tot Ion: 43 Resp: 635172

Ion Ratio Lower Upper

43 100

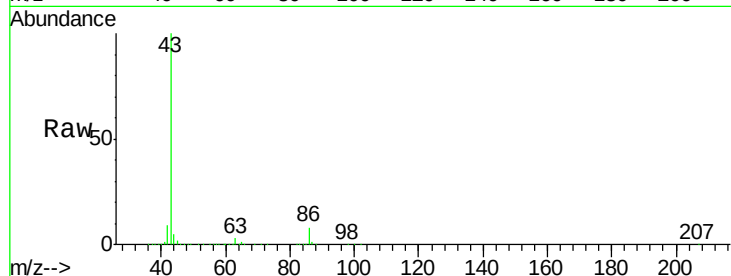
86 8.3 6.5 9.7

Manual Integrations

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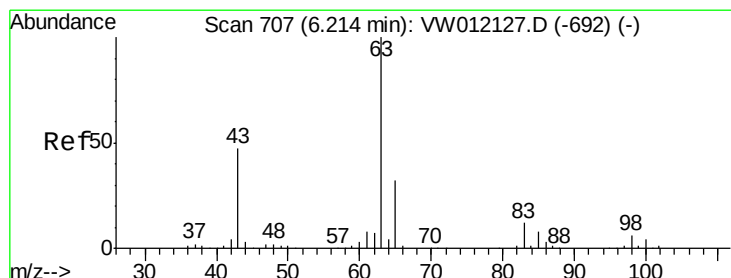
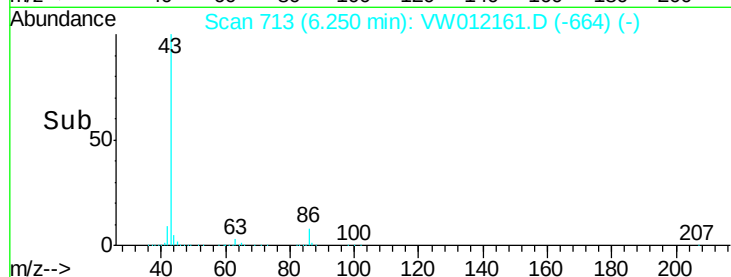
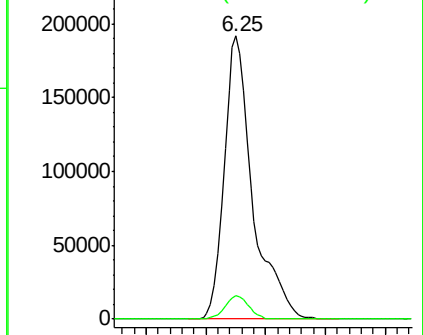
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.759 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

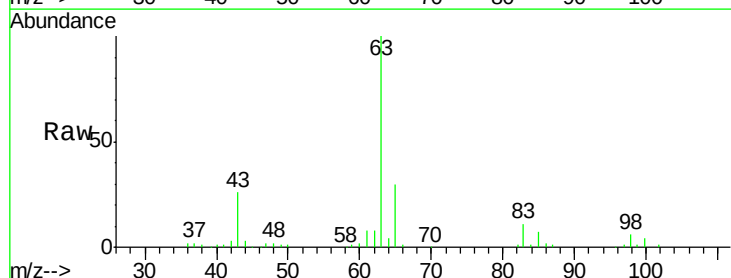
Tgt Ion: 63 Resp: 117814

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

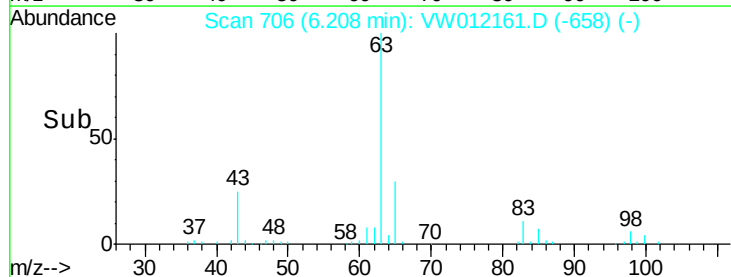
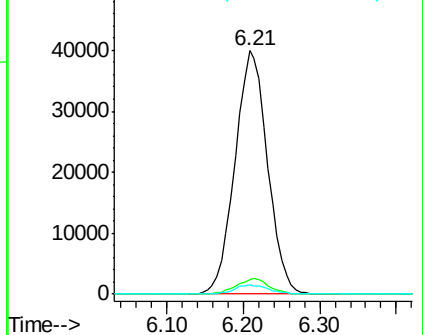
100 3.6 2.0 6.0

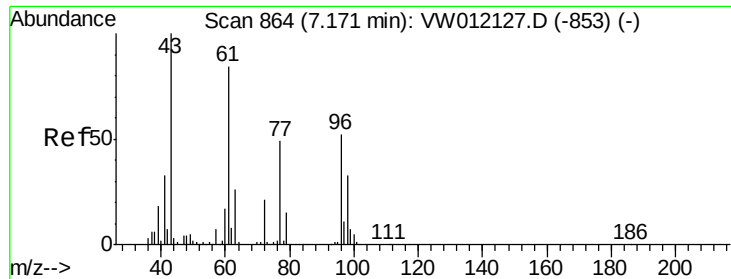


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 90.566 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS01

Tot Ion: 43 Resp: 103032

Ion Ratio Lower Upper

43 100

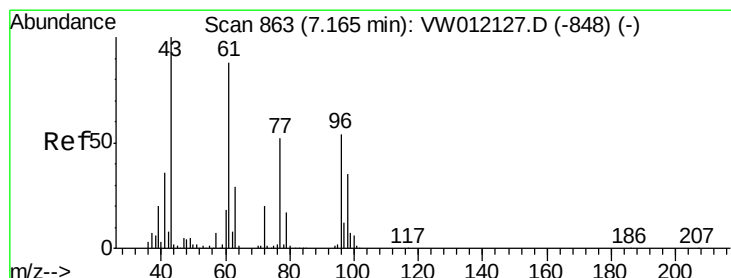
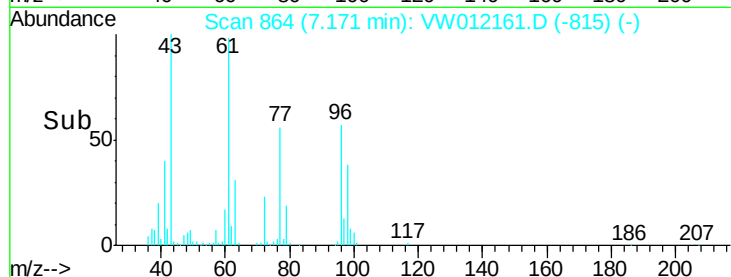
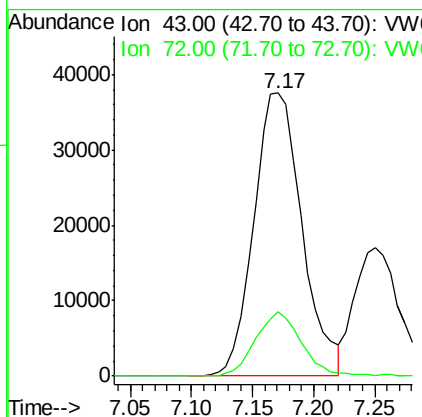
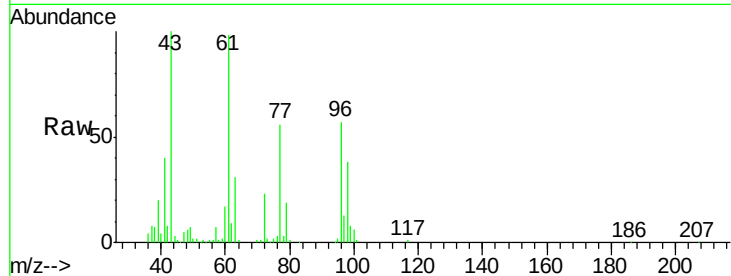
72 22.7 16.6 24.8

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#26

2,2-Dichloropropane

Concen: 20.136 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012161.D

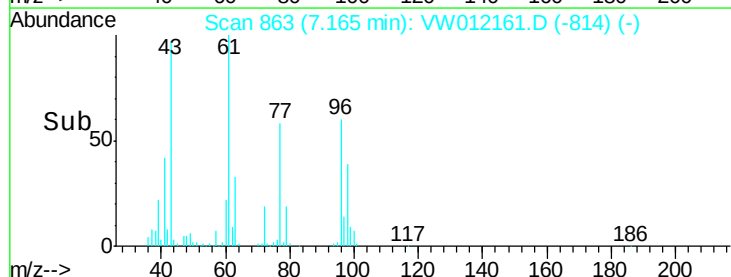
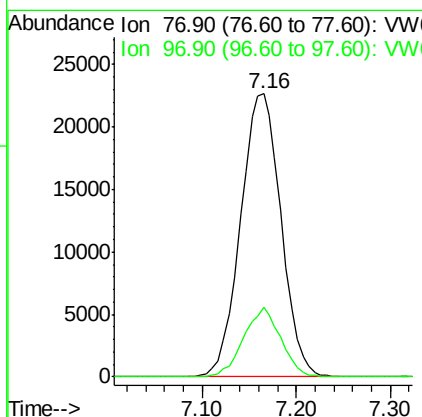
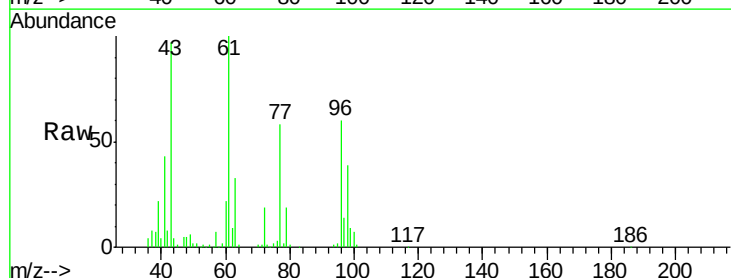
Acq: 26 Aug 2019 10:21

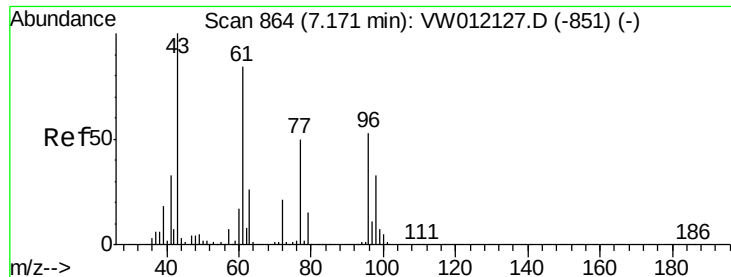
Tgt Ion: 77 Resp: 67958

Ion Ratio Lower Upper

77 100

97 22.4 11.1 33.1





#27

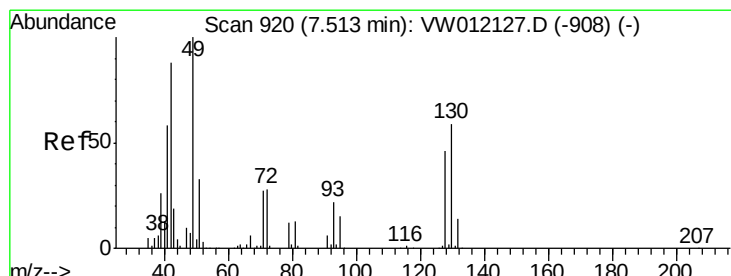
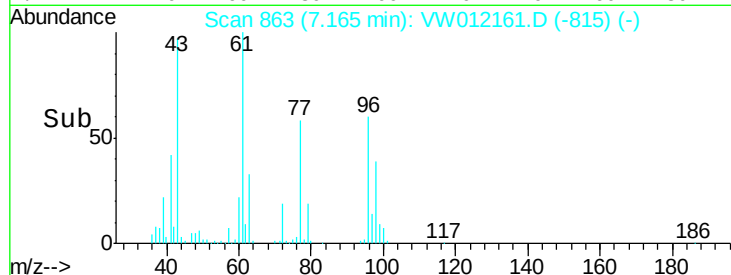
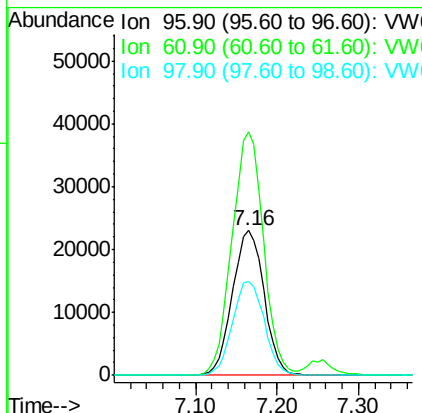
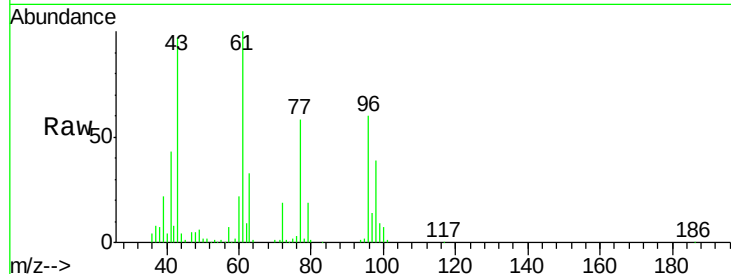
cis-1,2-Dichloroethene
Concen: 19.564 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Instrument :
MSVOA_W
ClientSampled :
VW0826SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	166.2	0.0	326.6
98	65.0	0.0	127.4

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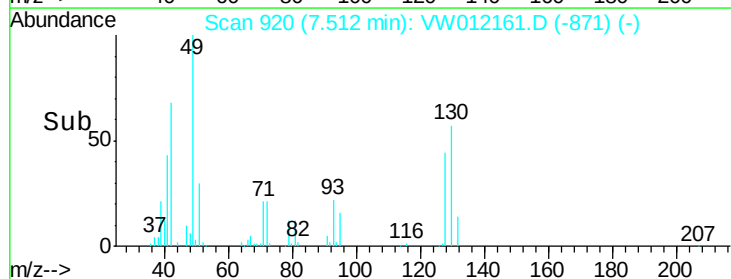
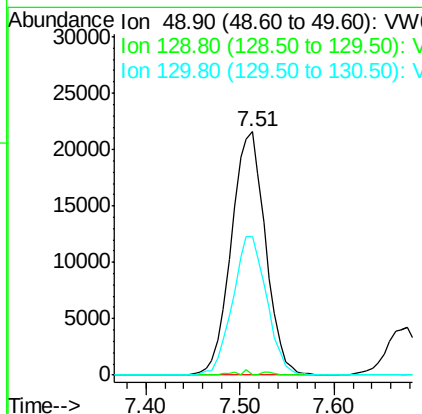
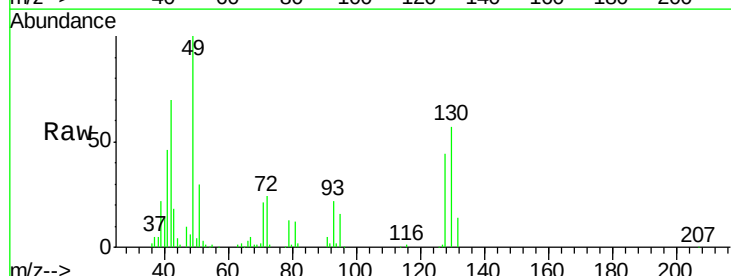
MMDadoda
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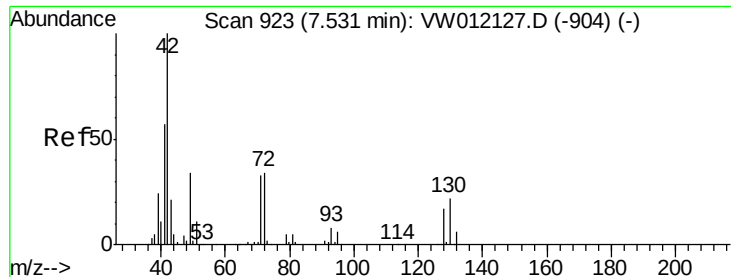


#28

Bromochloromethane
Concen: 20.948 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	1.4
130	56.7	45.5	68.3





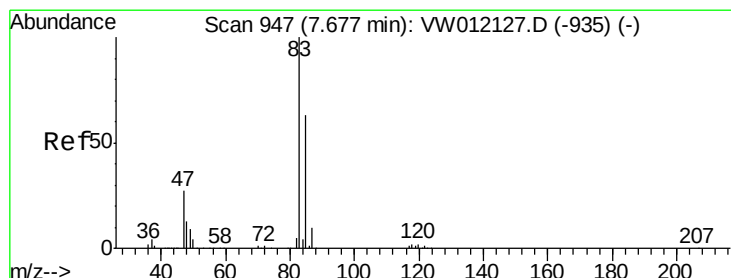
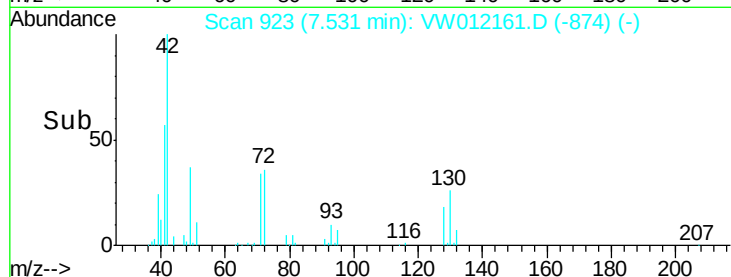
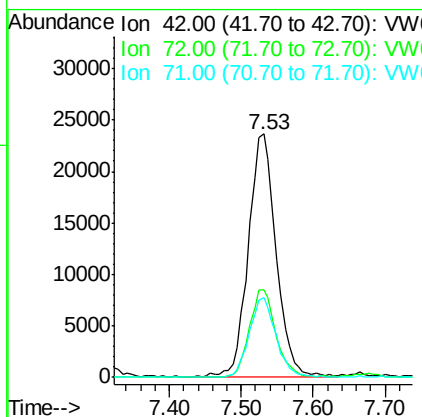
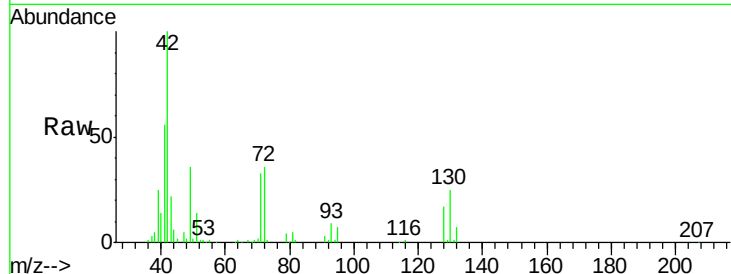
#29
Tetrahydrofuran
Concen: 92.417 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.5	27.3	40.9
71	31.8	25.5	38.3

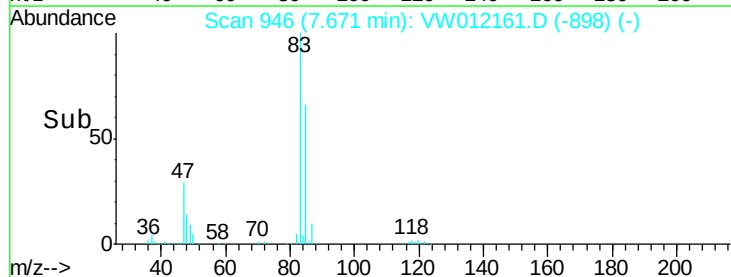
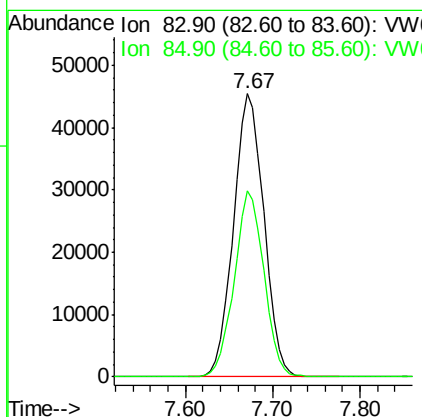
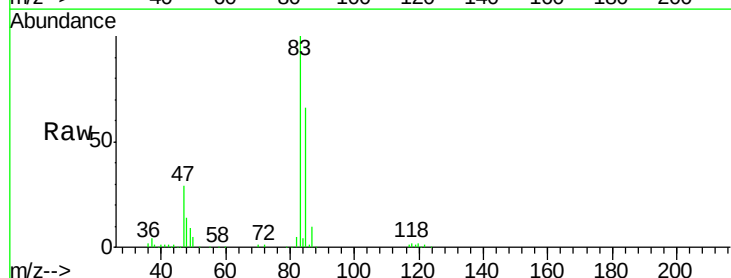
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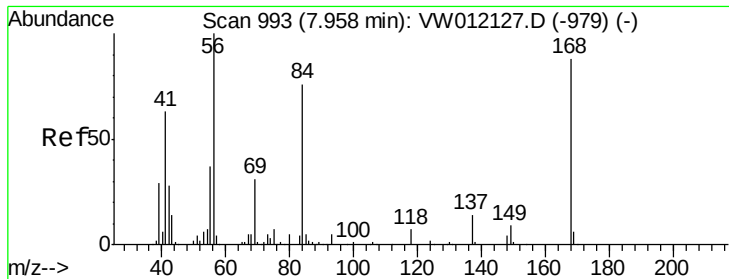
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8/27/2019 11:04:02 AM



#30
Chloroform
Concen: 20.117 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.6	76.0





#31

Cyclohexane

Concen: 18.452 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

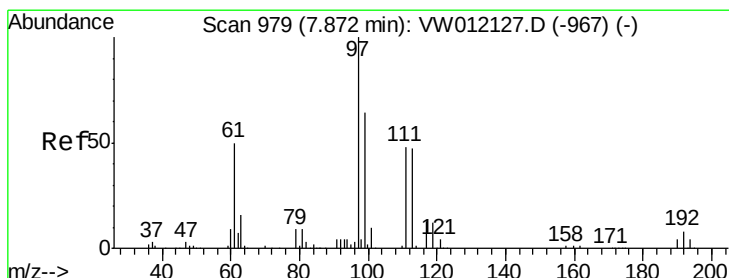
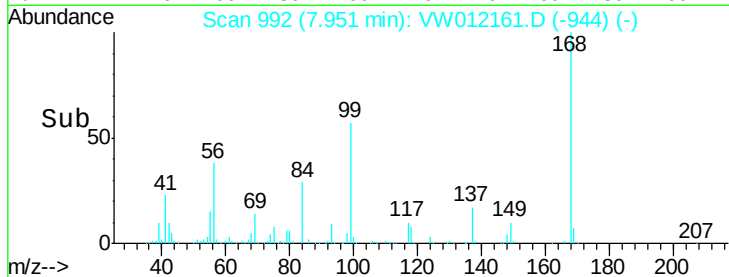
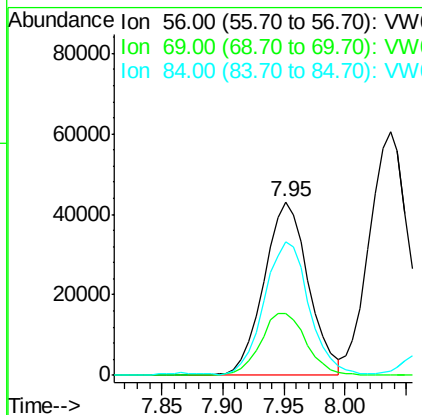
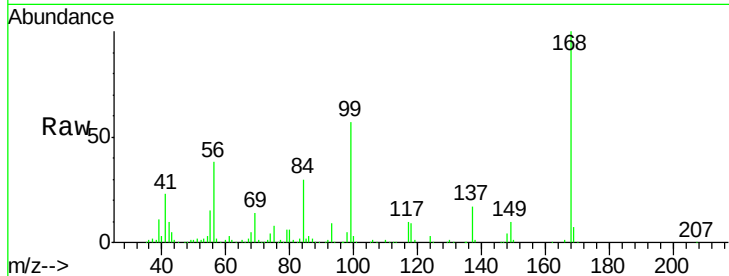
ClientSampleId :

VW0826SBS01

Tot Ion	56	Resp	108850
Ion Ratio	Lower	Upper	
56	100		
69	36.0	24.9	37.3
84	76.0	60.6	90.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.986 ug/l

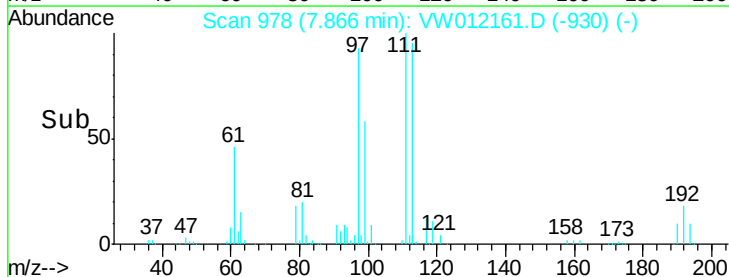
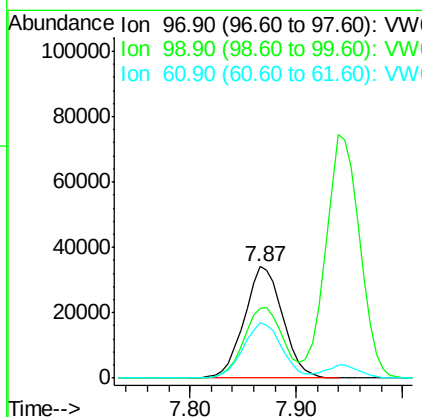
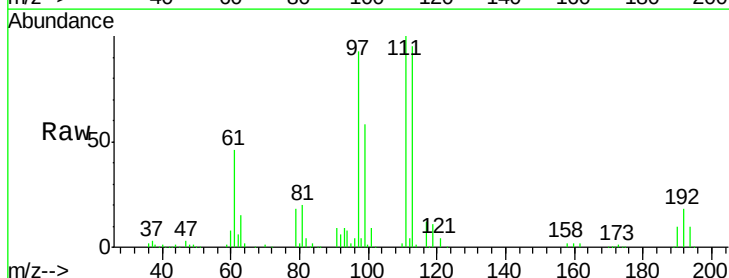
RT: 7.87 min Scan# 978

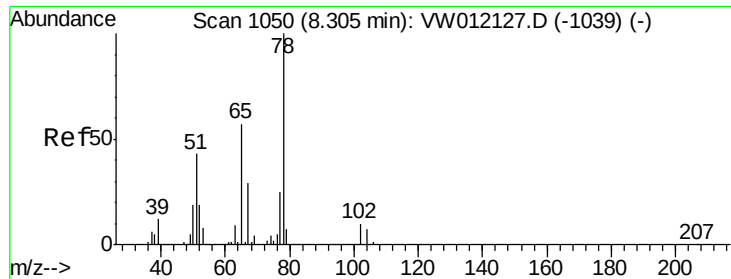
Delta R.T. -0.01 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Tgt Ion	97	Resp	86247
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.4	77.0
61	50.3	39.5	59.3





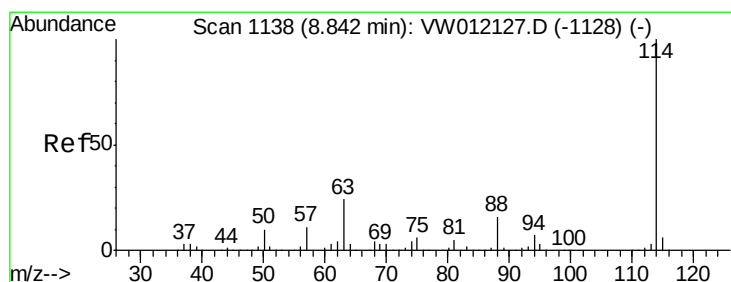
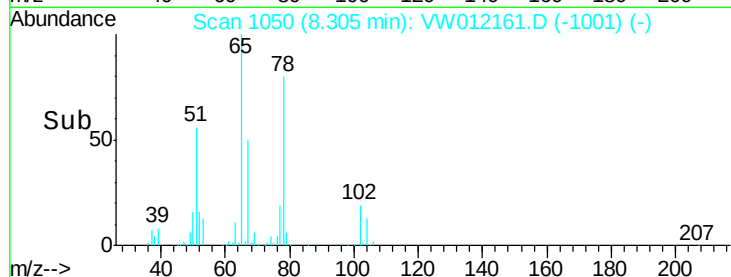
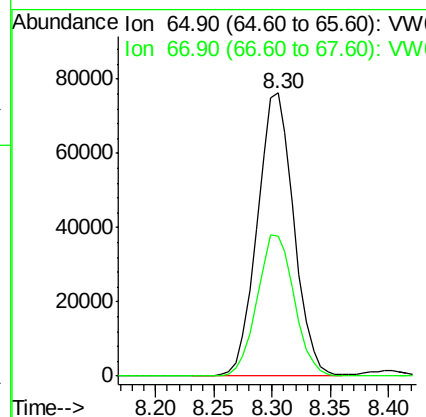
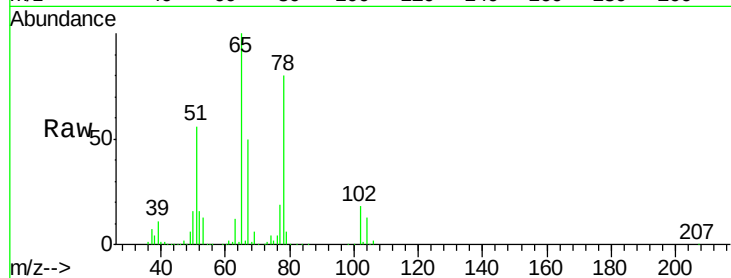
#33
 1,2-Dichloroethane-d4
 Concen: 50.939 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	166831		
67	50.8	0.0	102.6	

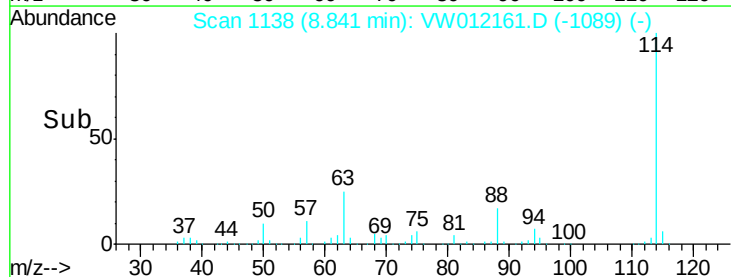
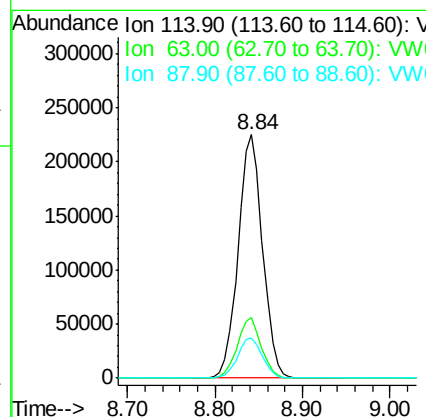
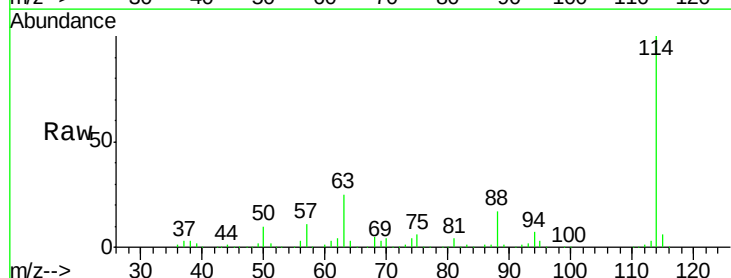
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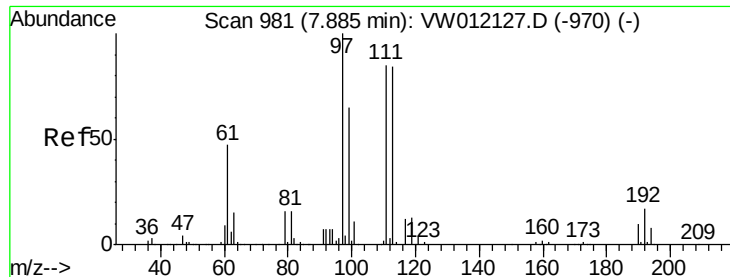
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	436055		
63	24.8	0.0	48.6	
88	16.7	0.0	32.2	





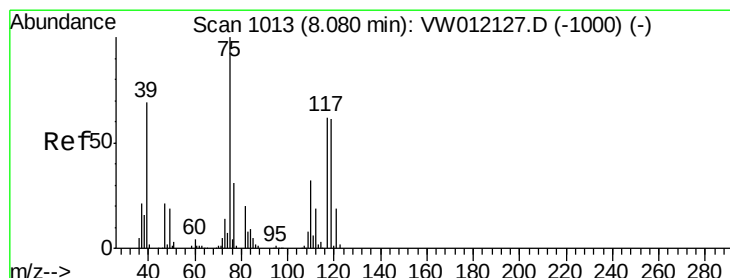
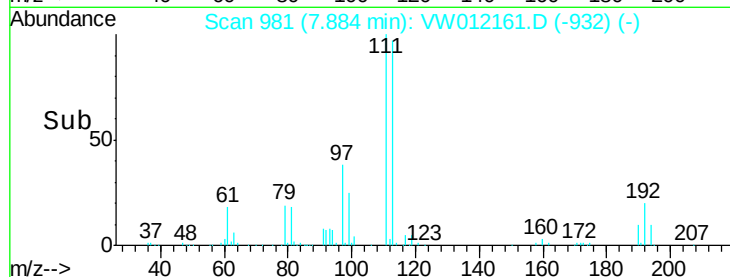
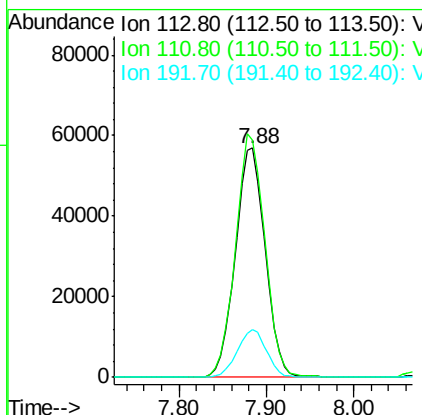
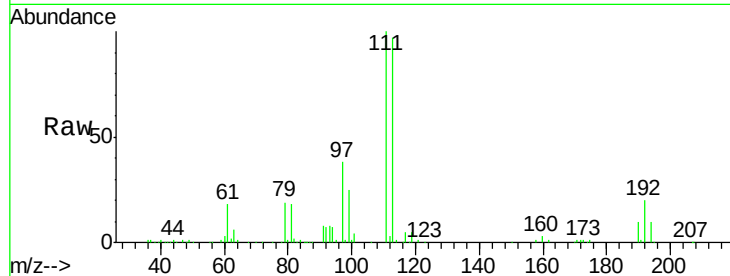
#35
 Dibromofluoromethane
 Concen: 51.947 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135209		
111	104.5	82.7	124.1	
192	20.4	16.2	24.2	

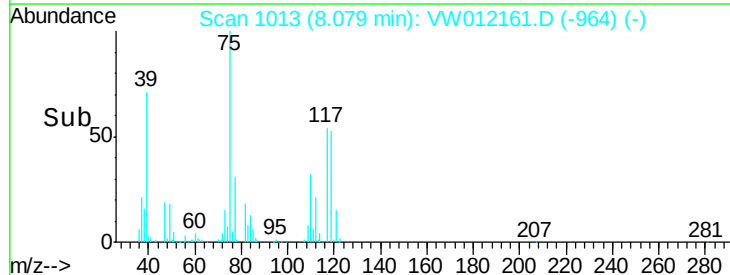
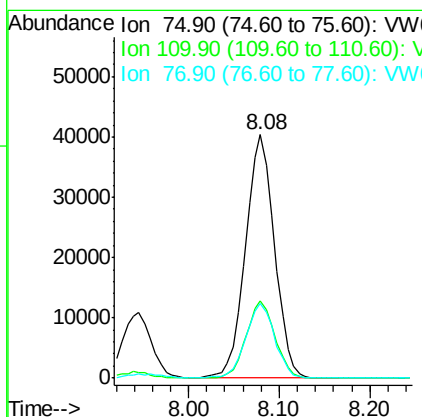
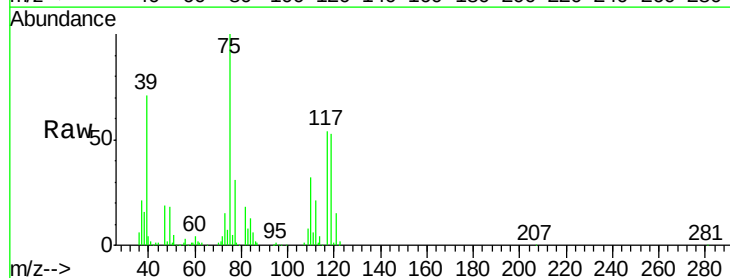
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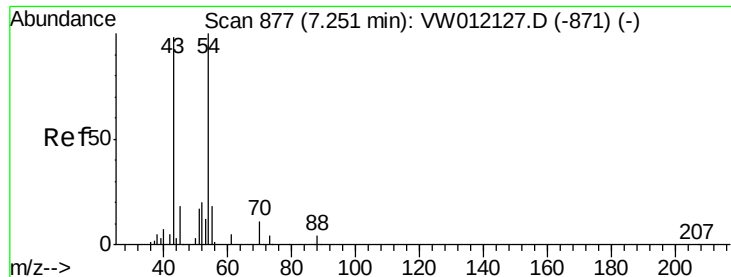
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#36
 1,1-Dichloropropene
 Concen: 19.841 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	89407		
110	31.4	15.6	46.8	
77	30.6	24.6	36.8	





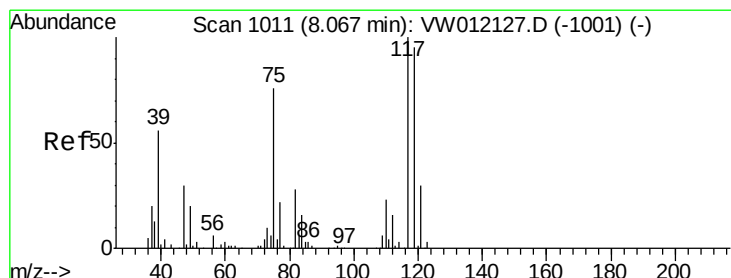
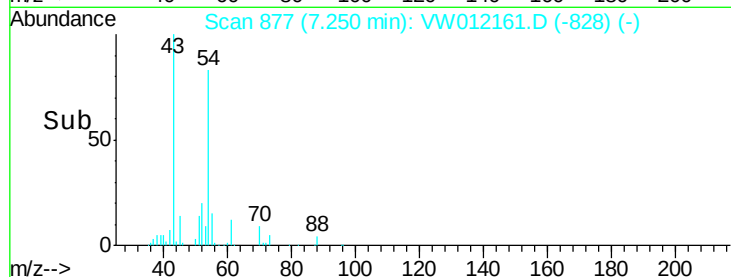
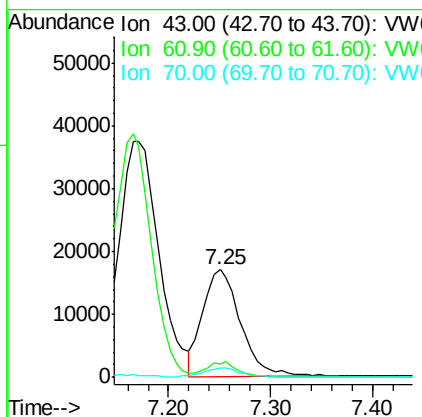
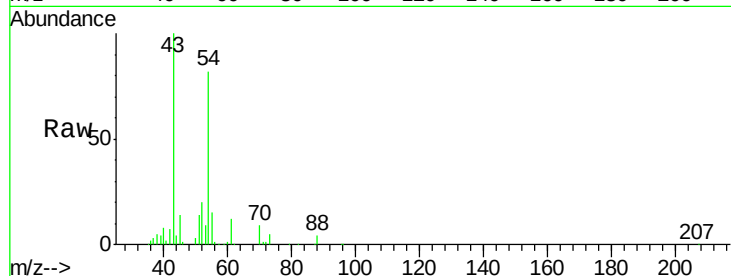
#37
Ethyl Acetate
Concen: 17.754 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Instrument :
MSVOA_W
ClientSampled :
VW0826SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.2	13.8
70	8.8	6.9	10.3

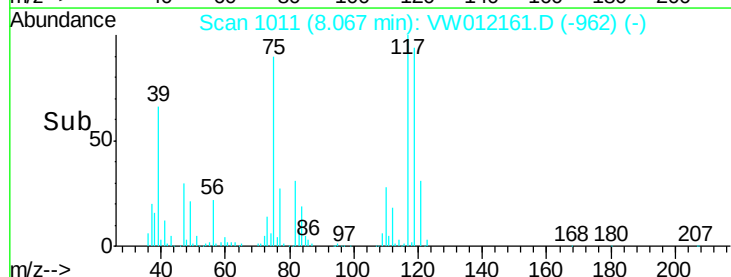
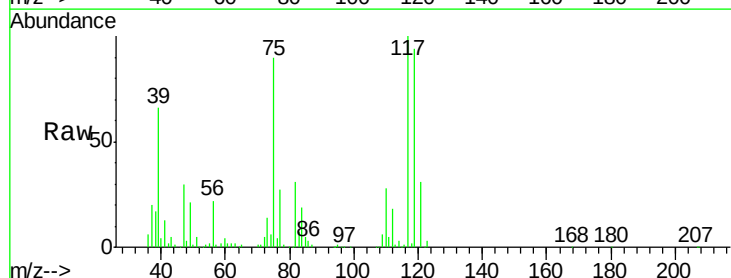
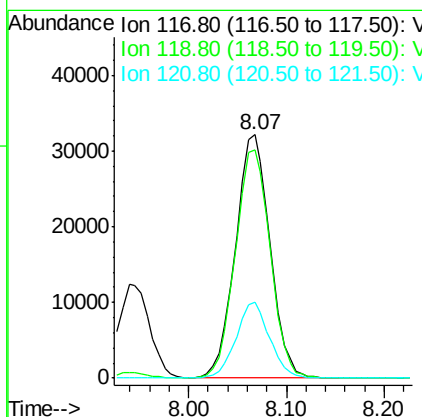
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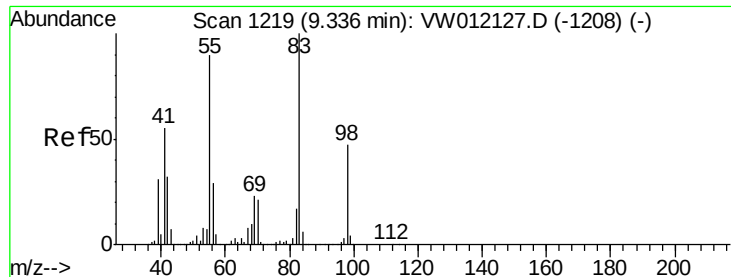
MMDadoda
8/27/2019 11:04:02 AM



#38
Carbon Tetrachloride
Concen: 20.218 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.2	114.2
121	31.3	23.8	35.8





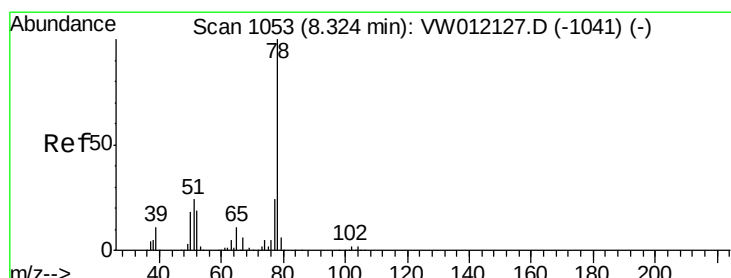
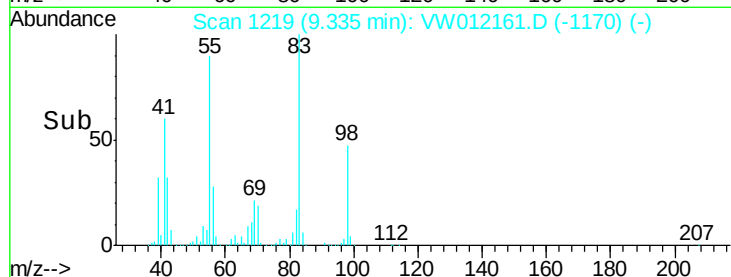
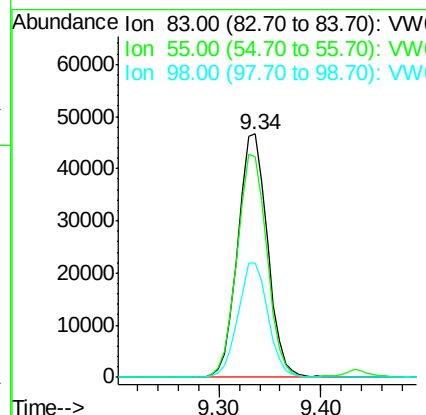
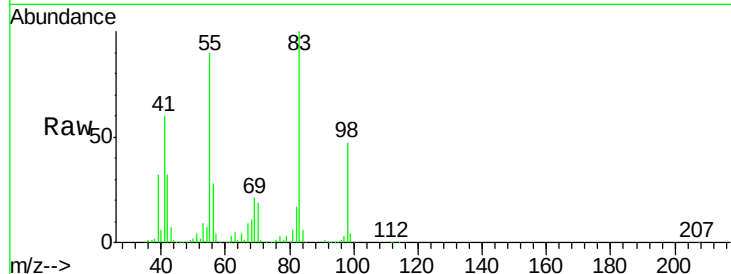
#39
Methylvlcyclohexane
Concen: 18.593 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.3	71.8	107.8
98	46.7	37.8	56.8

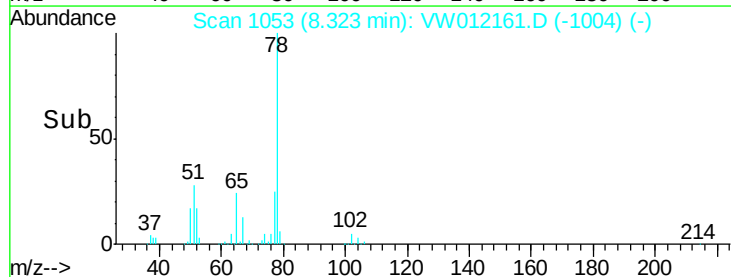
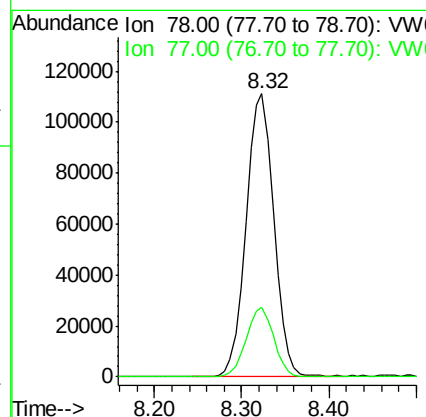
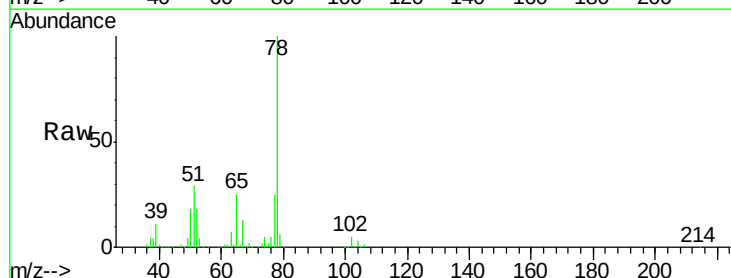
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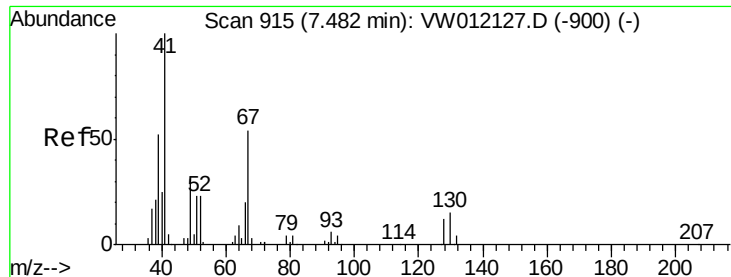
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#40
Benzene
Concen: 19.912 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.5	29.3





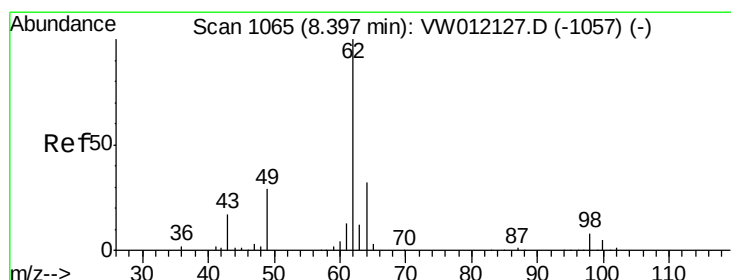
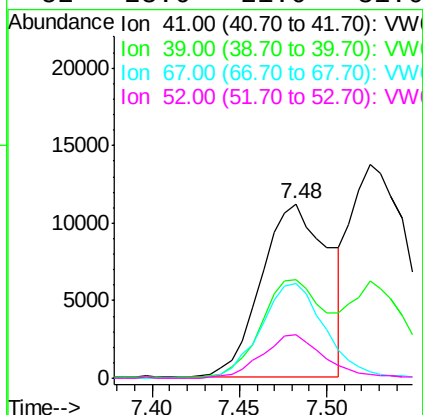
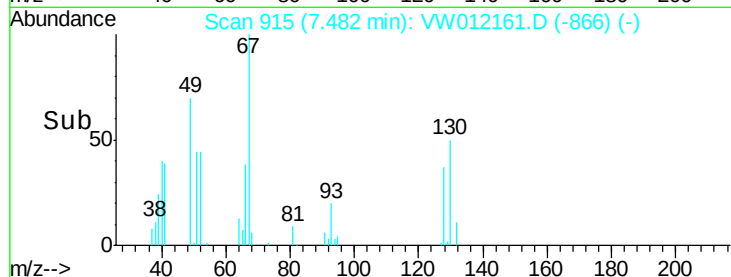
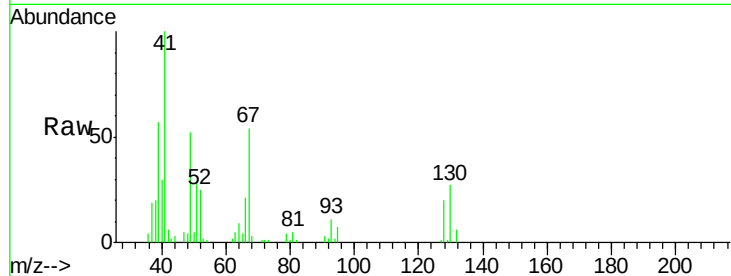
#41
Methacrylonitrile
Concen: 20.595 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS01

Tot Ion	41	Resp	29889
Ion	Ratio	Lower	Upper
41	100		
39	51.2	45.8	68.8
67	52.5	46.2	69.4
52	23.6	21.0	31.6

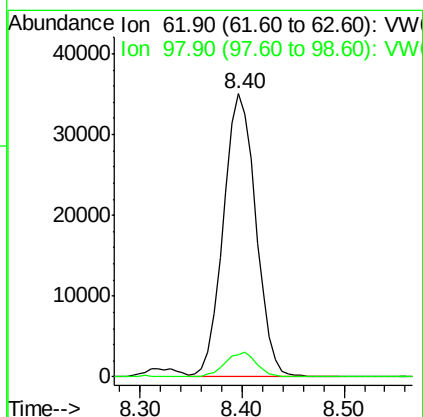
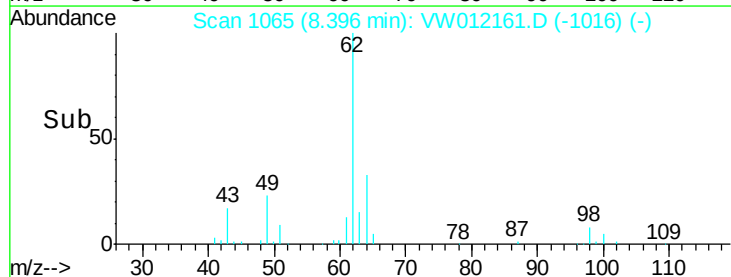
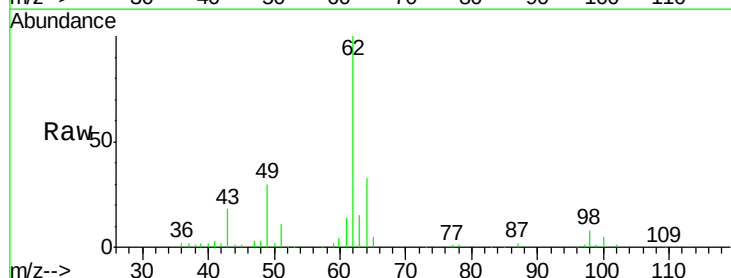
Manual Integrations
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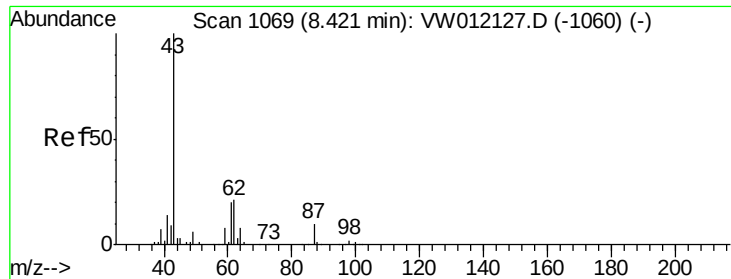
MMDadoda
8/27/2019 11:04:02 AM



#42
1,2-Dichloroethane
Concen: 20.040 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion	62	Resp	77281
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.669 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

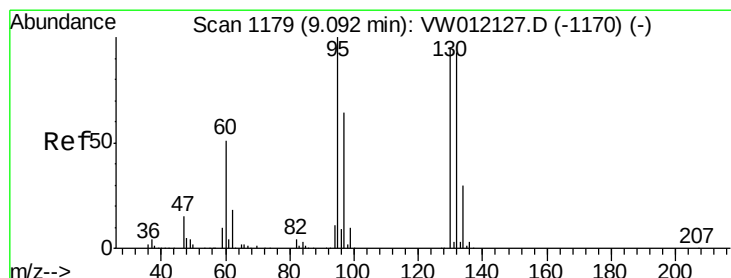
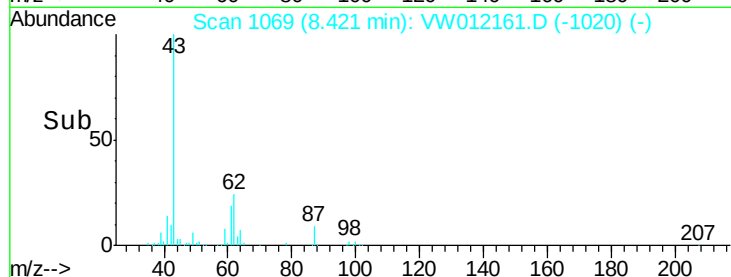
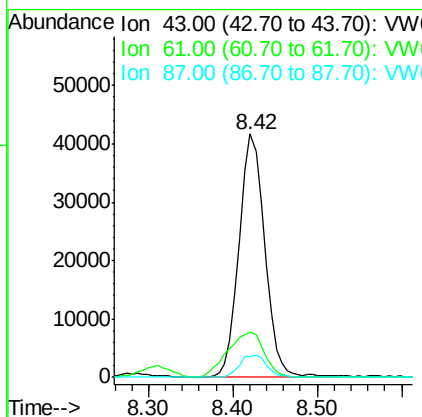
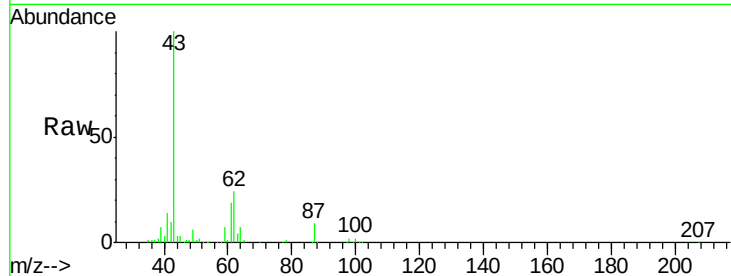
ClientSampleId :

VW0826SBS01

Tot Ion:	43	Resp:	85388
Ion	Ratio	Lower	Upper
43	100		
61	27.2	21.1	31.7
87	10.0	8.2	12.2

Manual Integrations
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#44

Trichloroethene

Concen: 19.900 ug/l

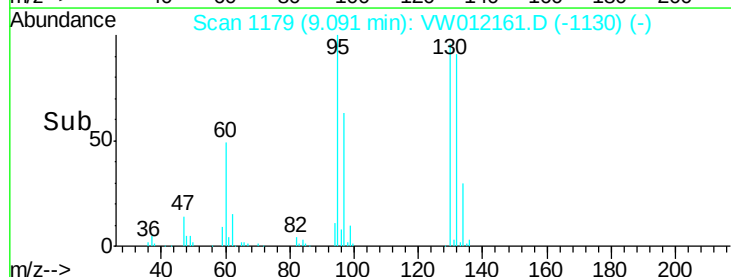
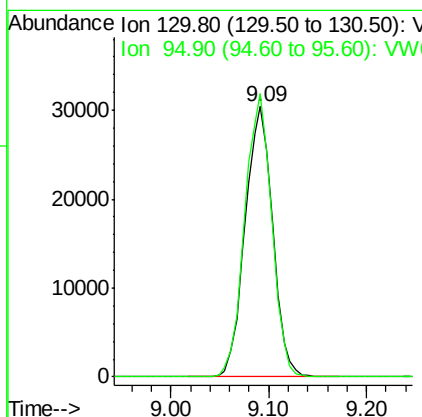
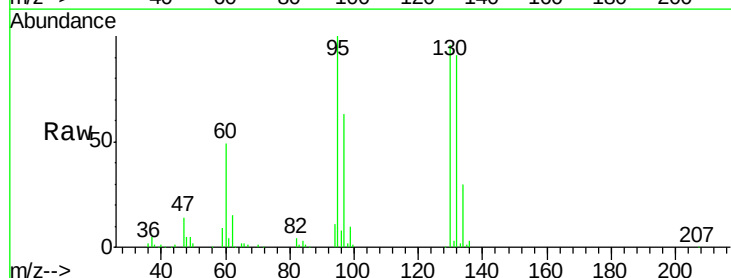
RT: 9.09 min Scan# 1179

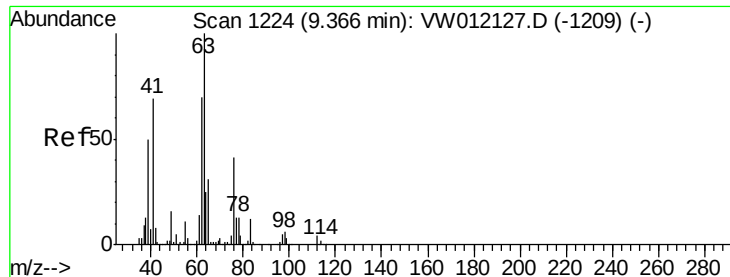
Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Tgt Ion:	130	Resp:	59524
Ion	Ratio	Lower	Upper
130	100		
95	104.7	0.0	210.6





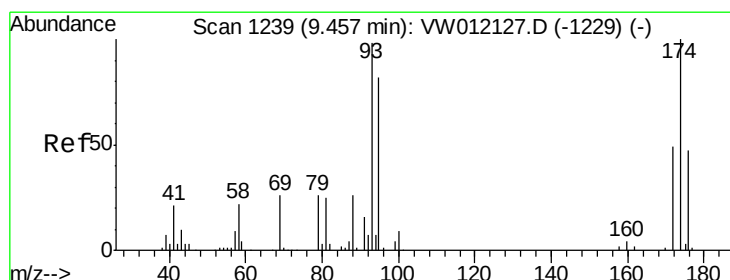
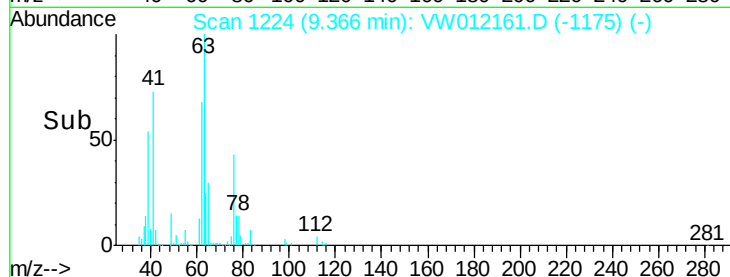
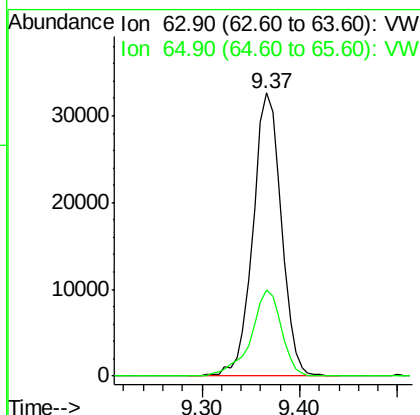
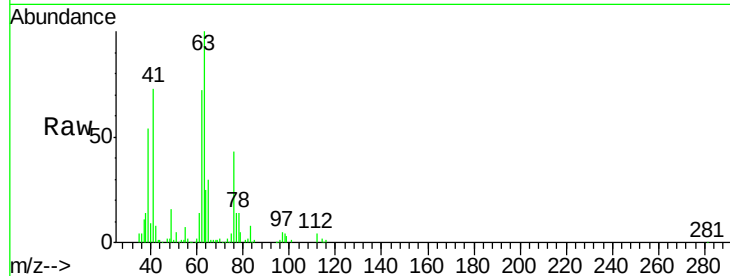
#45
 1,2-Dichloropropane
 Concen: 19.832 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS01

Tot Ion: 63 Resp: 65672
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.4

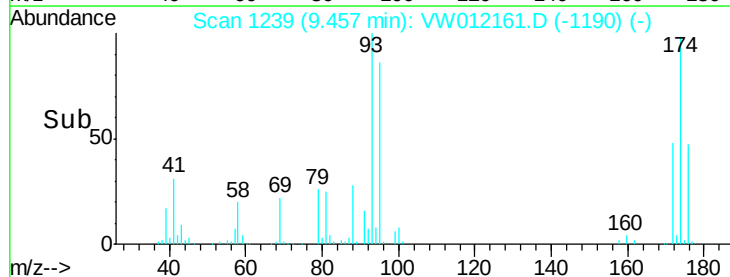
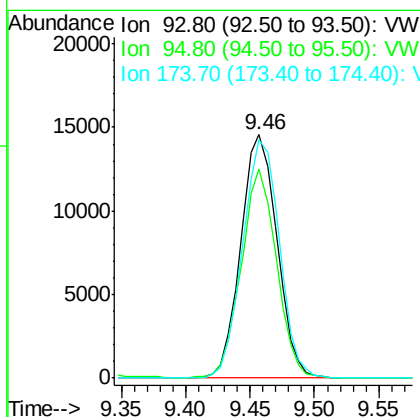
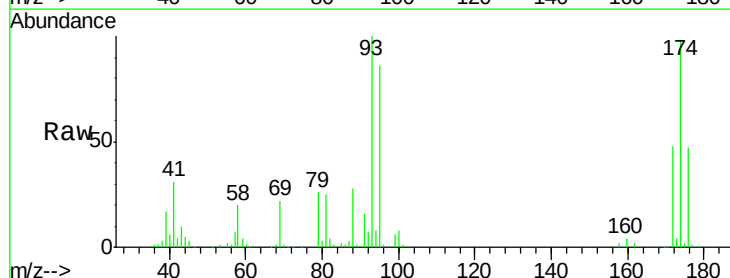
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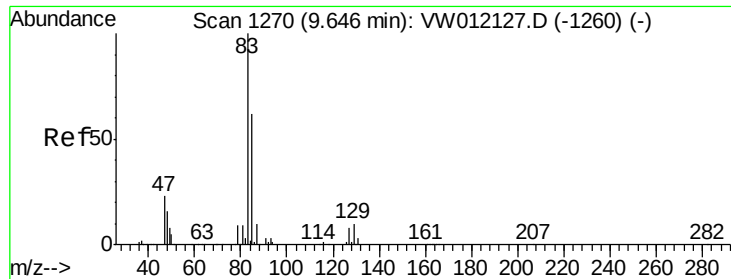
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#46
 Dibromomethane
 Concen: 19.286 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Tgt Ion: 93 Resp: 28416
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.2 100.8
 174 99.2 79.0 118.6





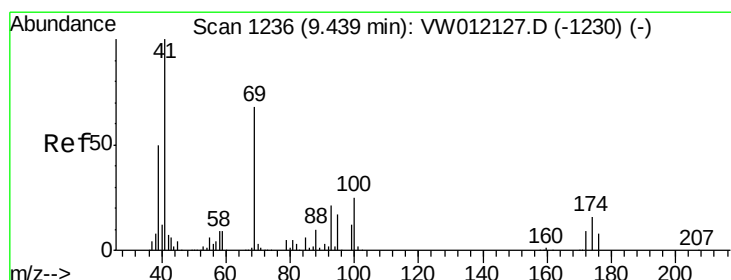
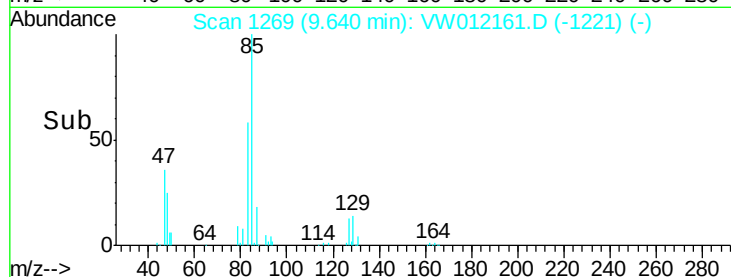
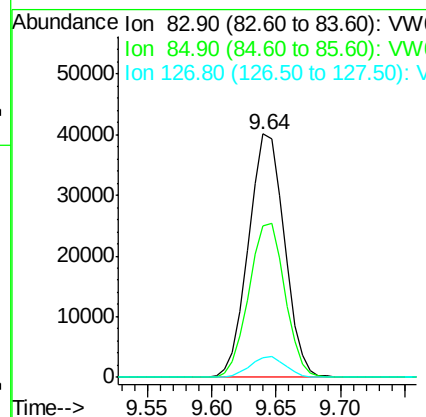
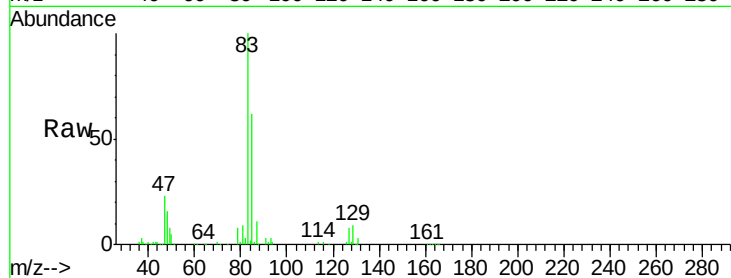
#47
Bromodichloromethane
Concen: 19.736 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.4	49.4	74.2
127	7.9	6.1	9.1

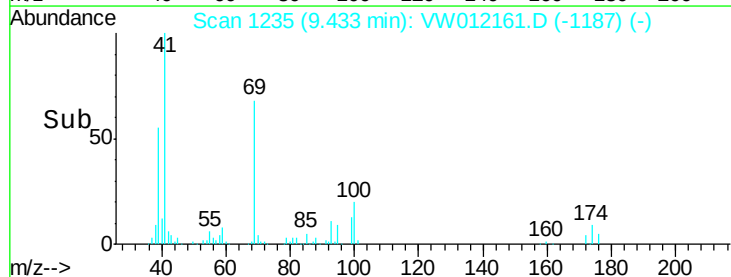
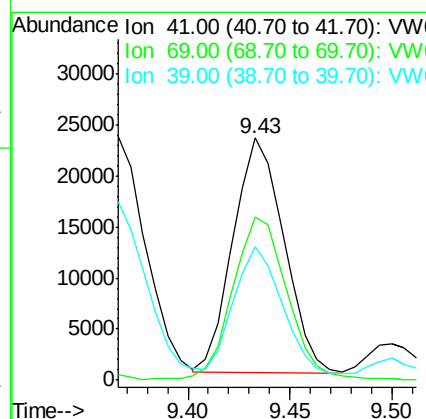
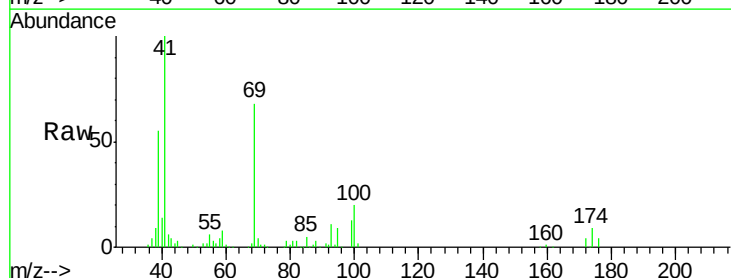
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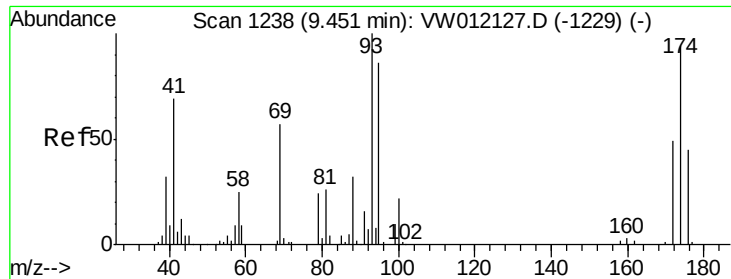
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#48
Methyl methacrylate
Concen: 18.340 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.7	56.7	85.1
39	56.1	42.0	63.0





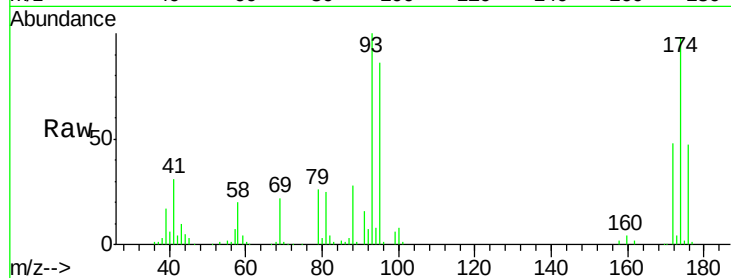
#49
1,4-Dioxane
Concen: 375.739 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS01

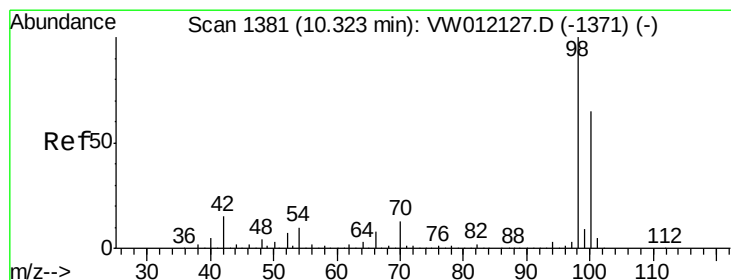
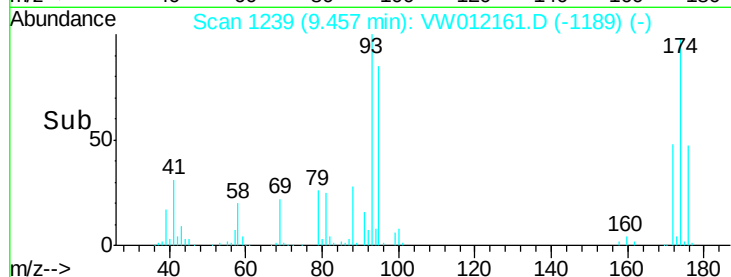
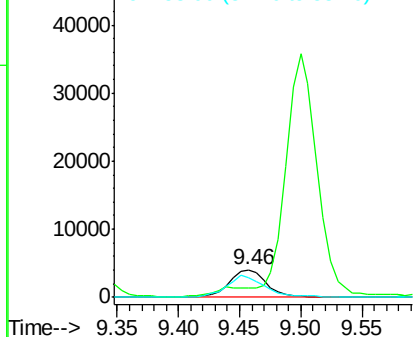
Tot Ion	88	Resp	8475
Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.9	49.3#
58	84.2	71.0	106.4

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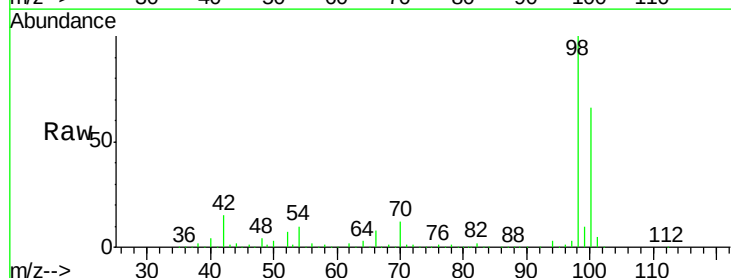


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

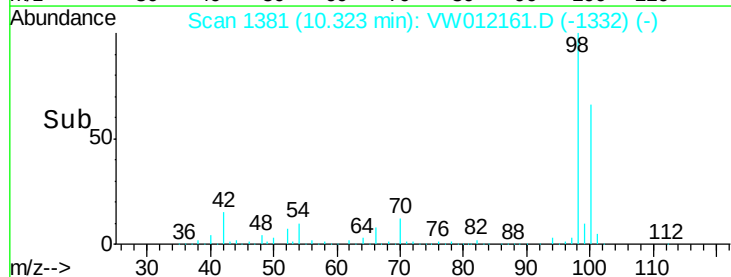
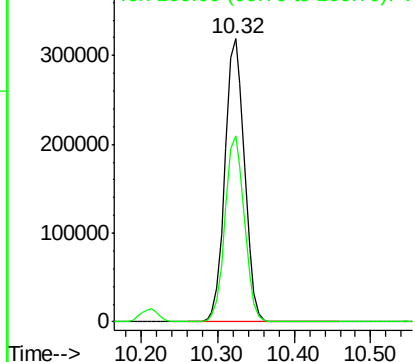


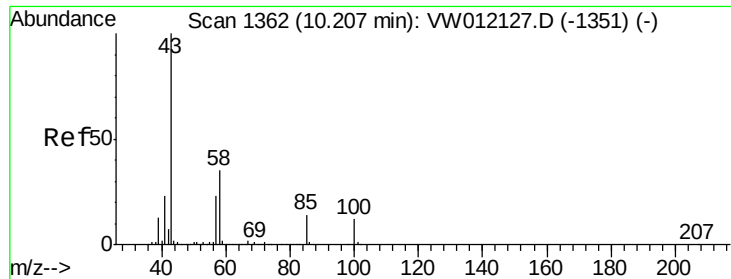
#50
Toluene-d8
Concen: 53.182 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion	98	Resp	561271
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





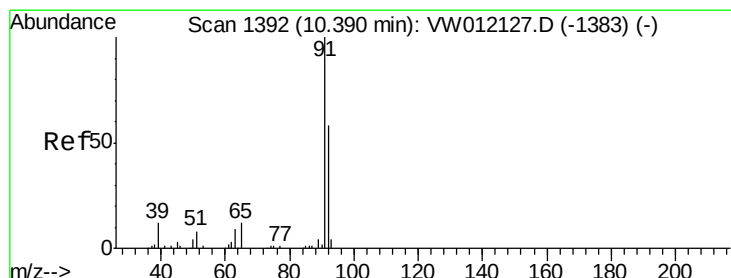
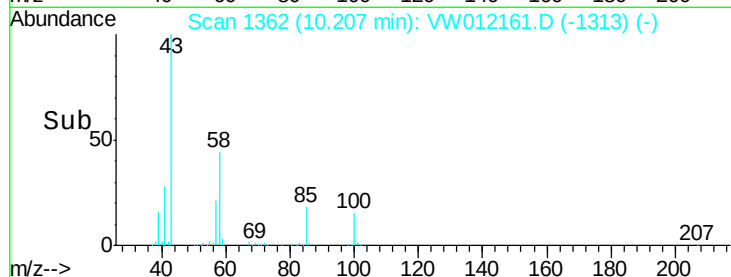
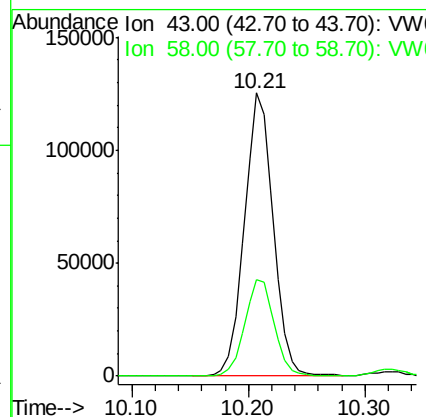
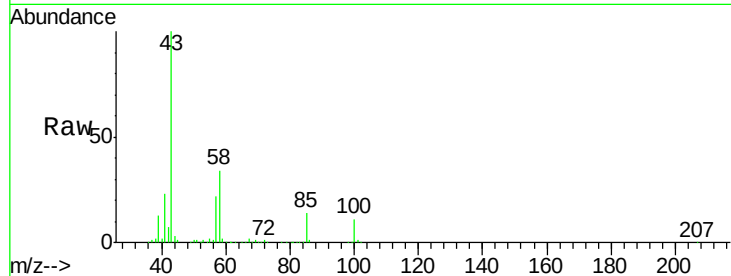
#51
 4-Methyl-2-Pentanone
 Concen: 92.788 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	34.9	28.2	42.2

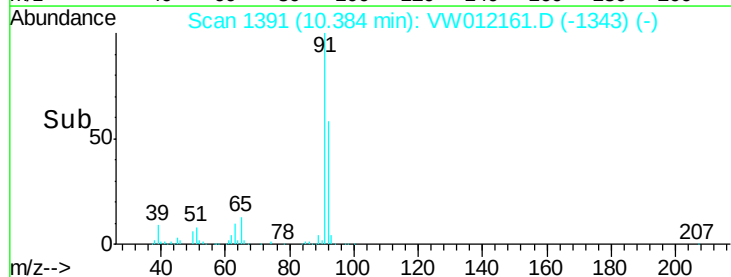
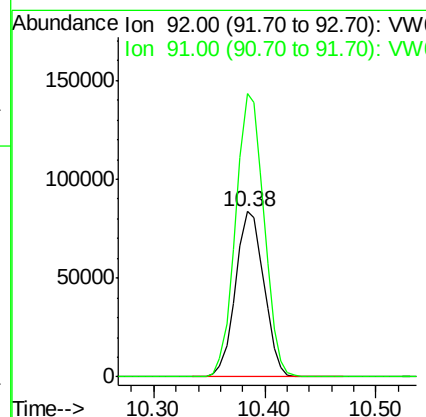
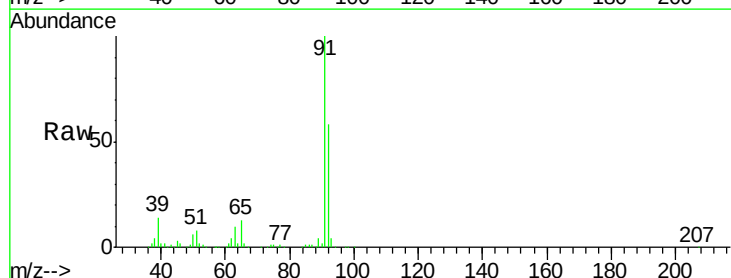
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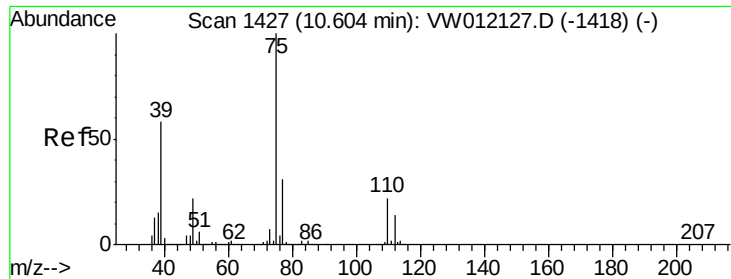
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#52
 Toluene
 Concen: 20.067 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.8	136.6	204.8





#53

t-1,3-Dichloropropene

Concen: 19.612 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

ClientSampled :

VW0826SBS01

Tot Ion: 75 Resp: 78335

Ion Ratio Lower Upper

75 100

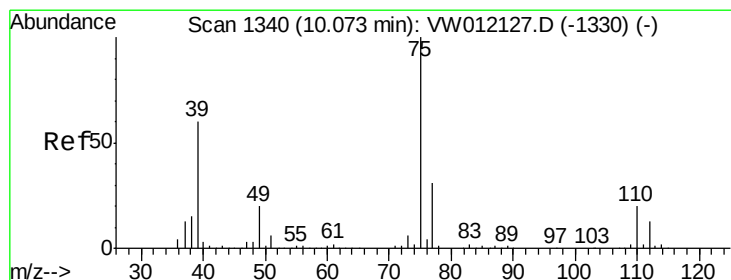
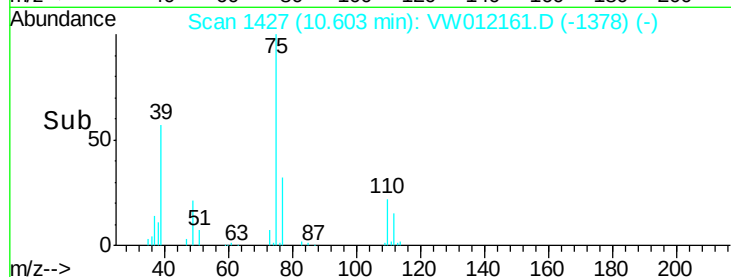
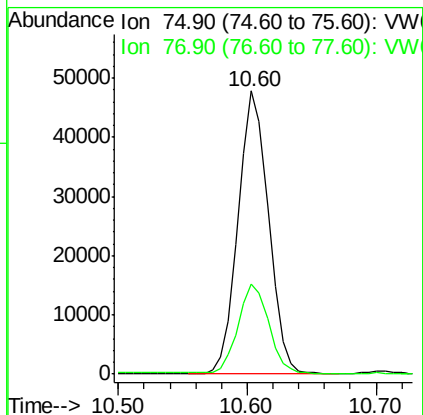
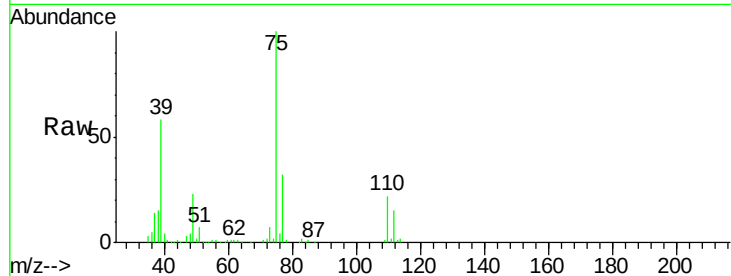
77 31.5 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 19.472 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

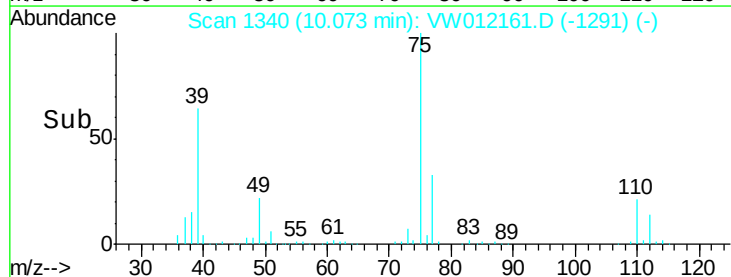
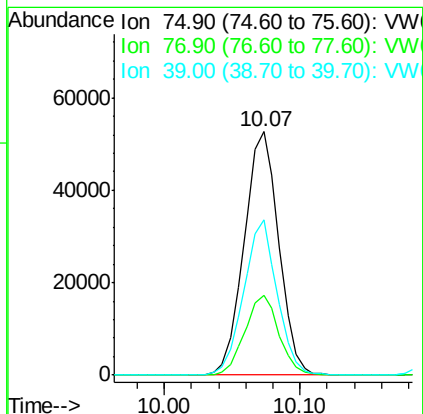
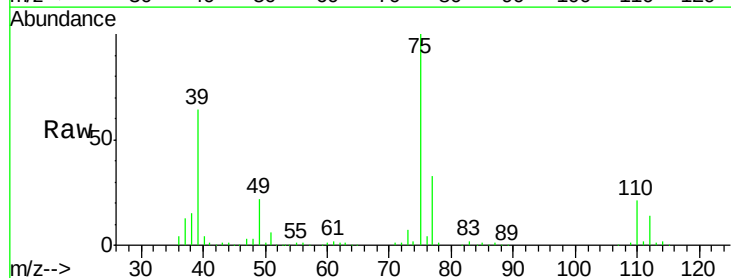
Tgt Ion: 75 Resp: 93909

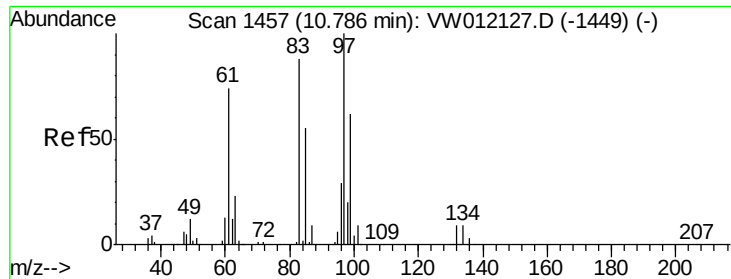
Ion Ratio Lower Upper

75 100

77 32.9 25.1 37.7

39 63.8 48.3 72.5





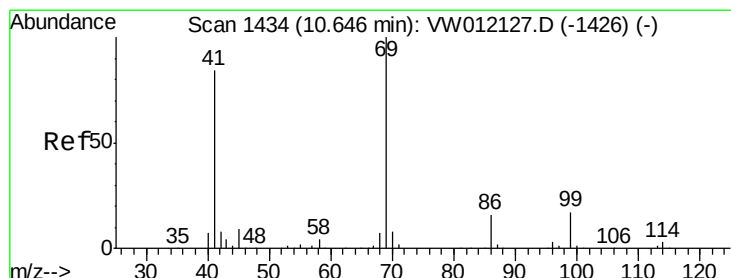
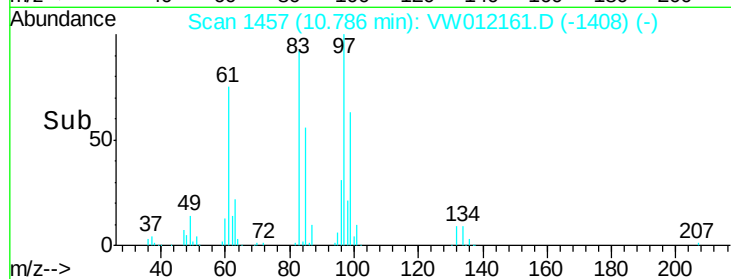
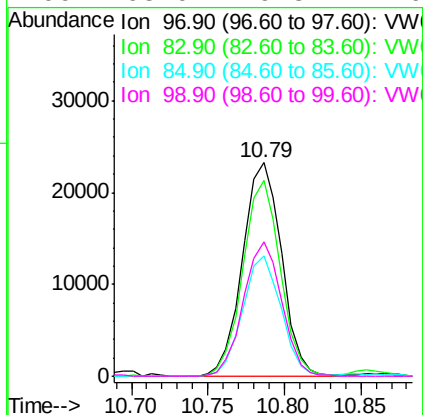
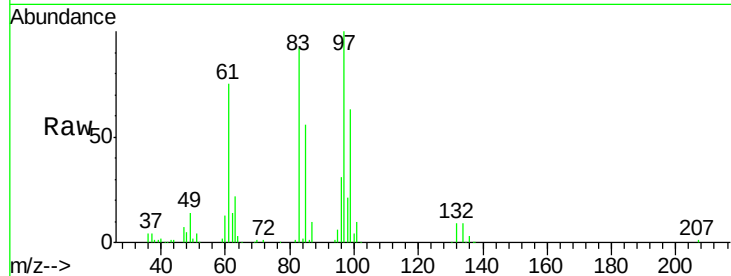
#55
 1,1,2-Trichloroethane
 Concen: 19.763 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS01

Tot Ion:	97	Resp:	41199
Ion	Ratio	Lower	Upper
97	100		
83	91.9	70.8	106.2
85	56.4	43.8	65.8
99	63.0	49.8	74.6

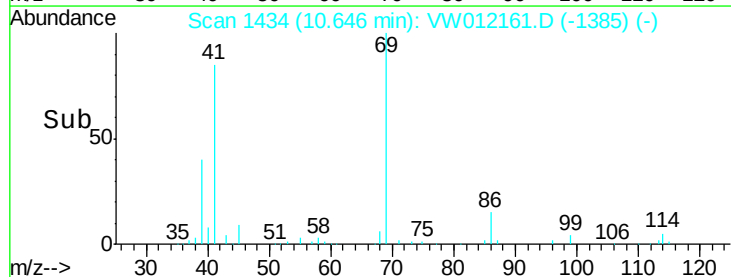
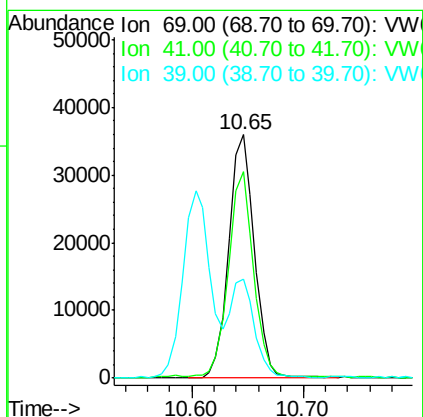
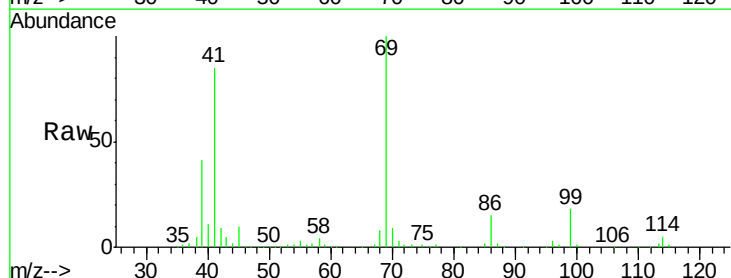
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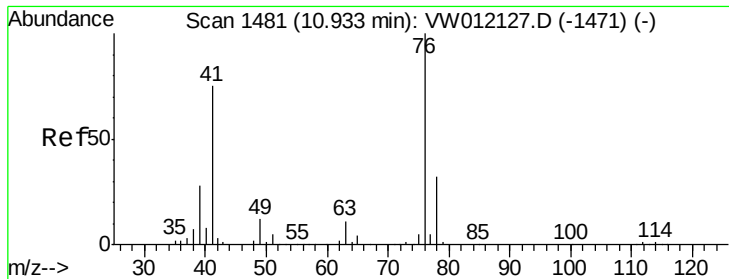
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#56
 Ethyl methacrylate
 Concen: 18.863 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Tgt Ion:	69	Resp:	57230
Ion	Ratio	Lower	Upper
69	100		
41	82.0	66.5	99.7
39	38.1	31.0	46.4





#57

1,3-Dichloropropane

Concen: 19.593 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS01

Tot Ion: 76 Resp: 77185

Ion Ratio Lower Upper

76 100

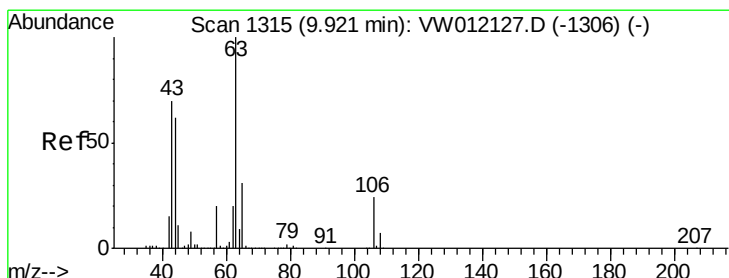
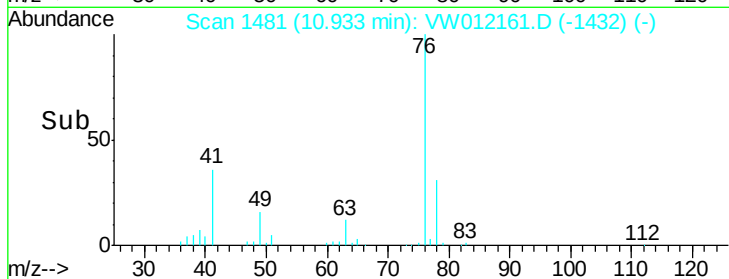
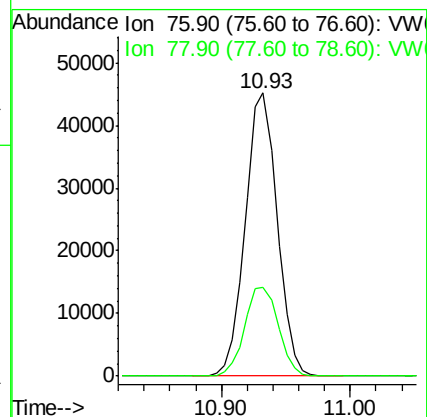
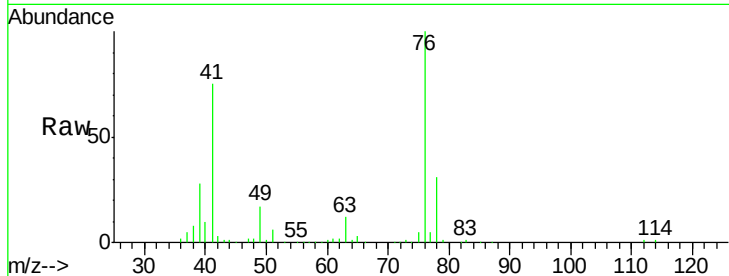
78 33.3 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 96.119 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012161.D

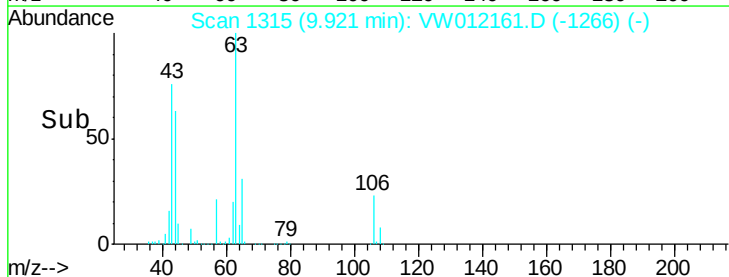
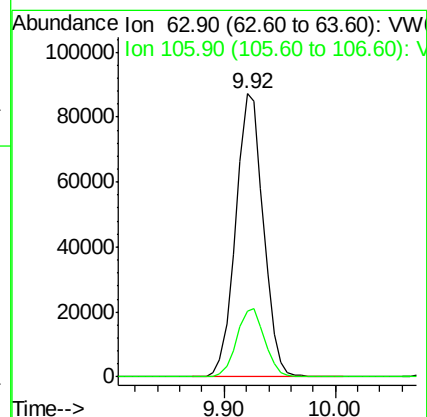
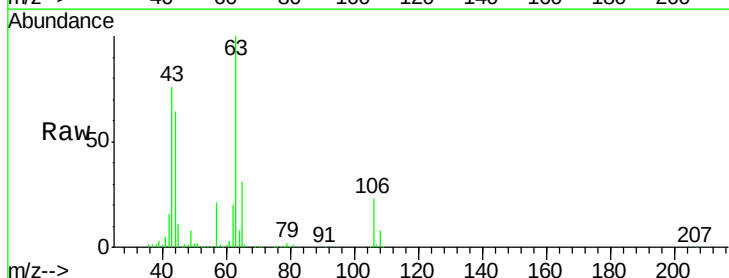
Acq: 26 Aug 2019 10:21

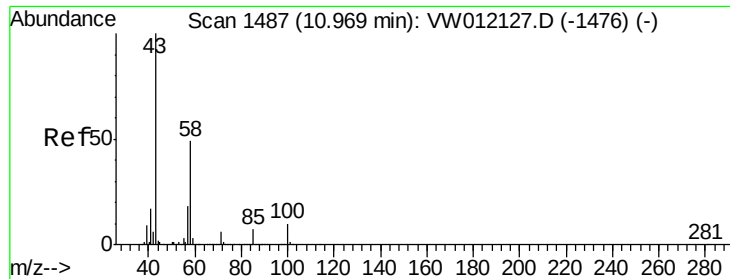
Tgt Ion: 63 Resp: 149667

Ion Ratio Lower Upper

63 100

106 24.2 19.8 29.8





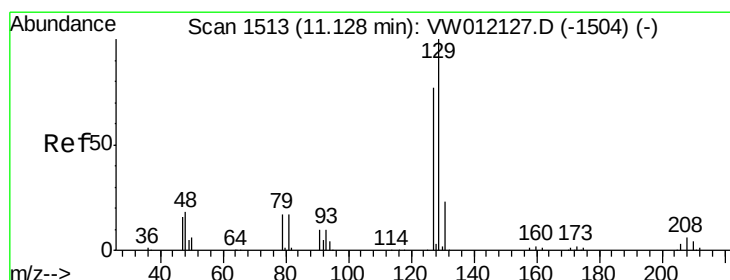
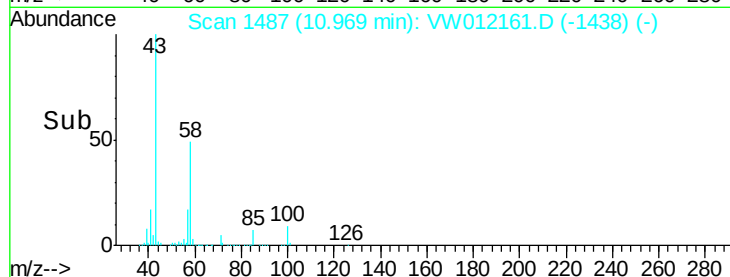
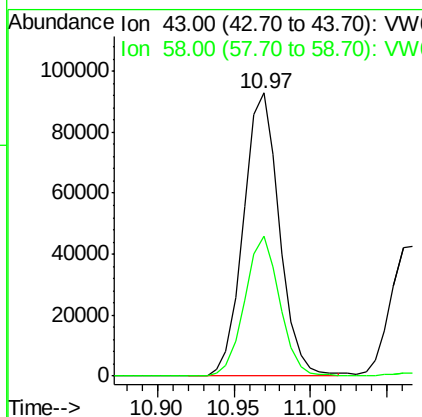
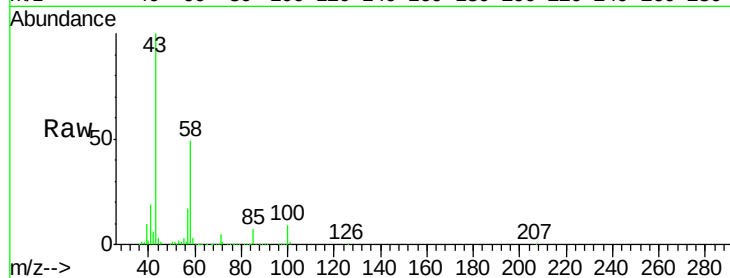
#59
2-Hexanone
Concen: 91.560 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.4	24.3	72.9

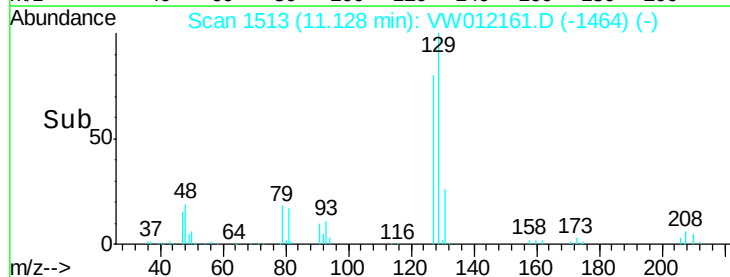
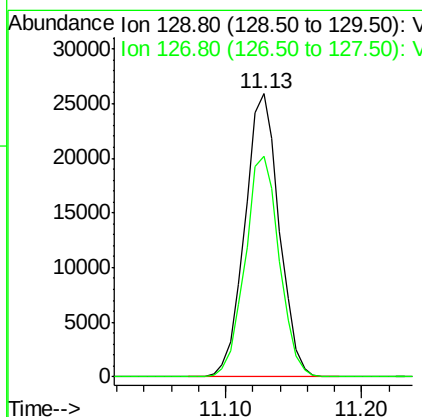
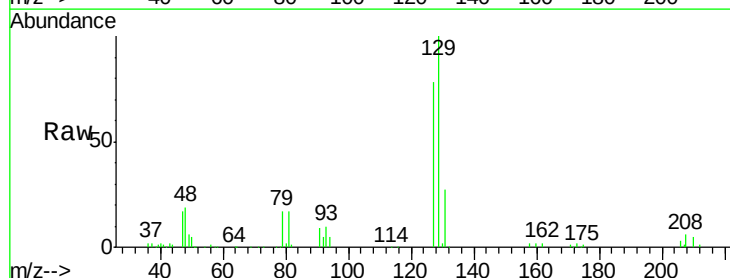
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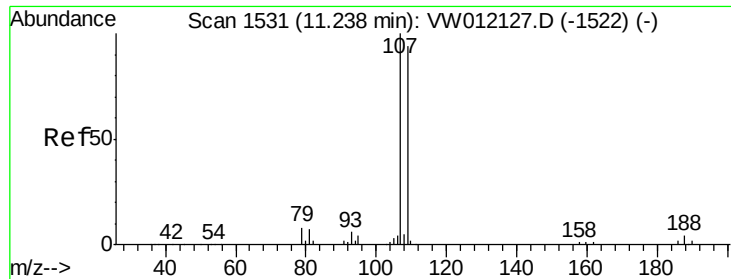
MMDadoda
8/27/2019 11:04:02 AM



#60
Dibromochloromethane
Concen: 19.687 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.6	115.8





#61

1,2-Dibromoethane

Concen: 19.682 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS01

Tot Ion: 107 Resp: 38224

Ion Ratio Lower Upper

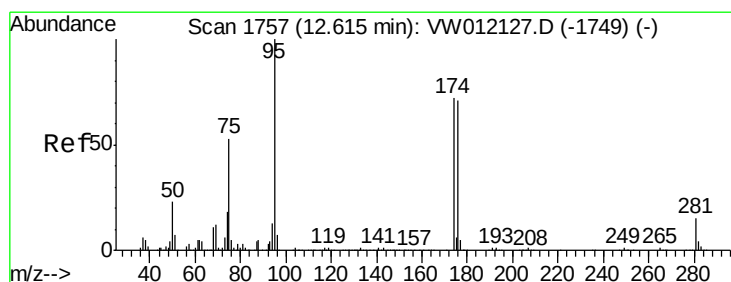
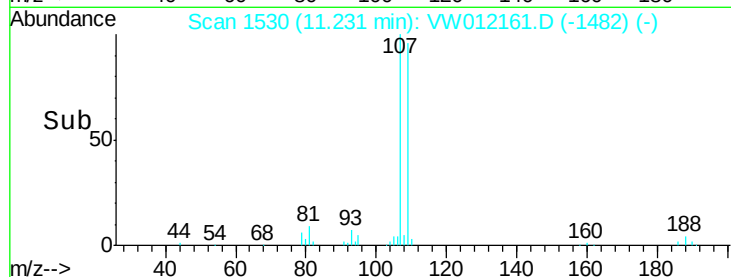
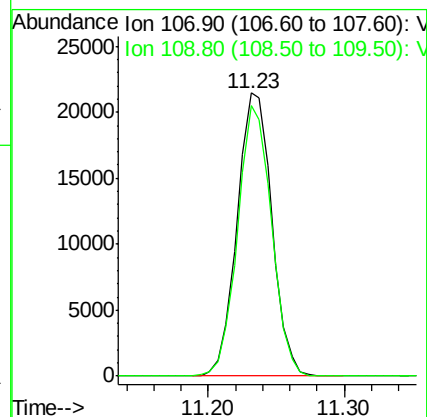
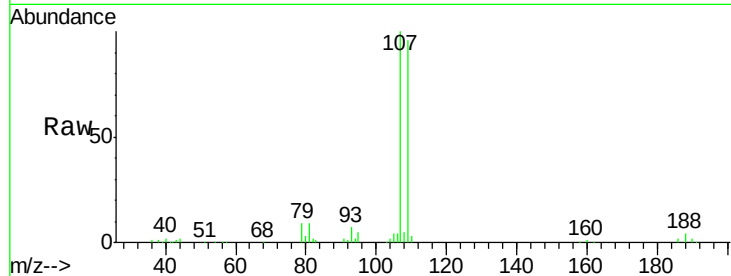
107 100

109 93.3 75.4 113.2

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 52.294 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

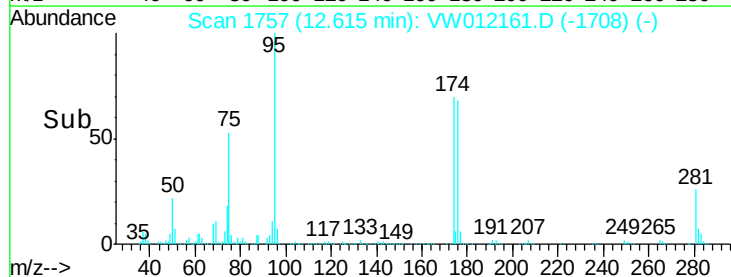
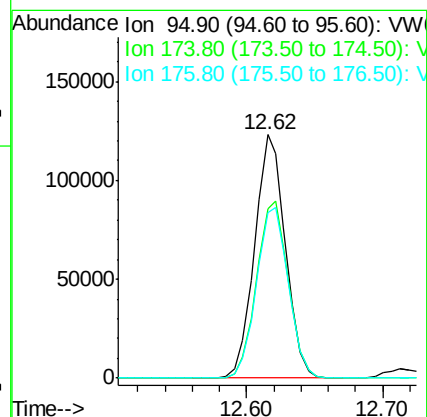
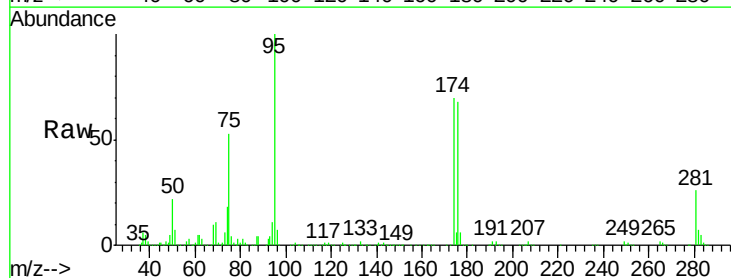
Tgt Ion: 95 Resp: 194542

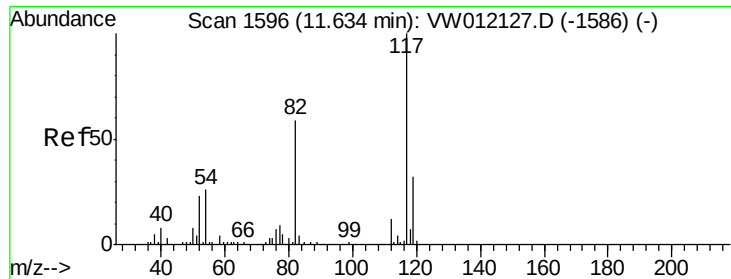
Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.8

176 73.1 0.0 148.6





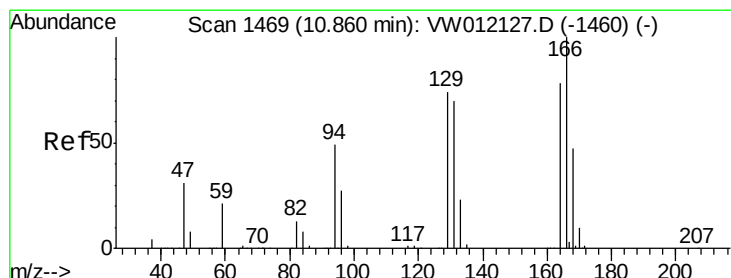
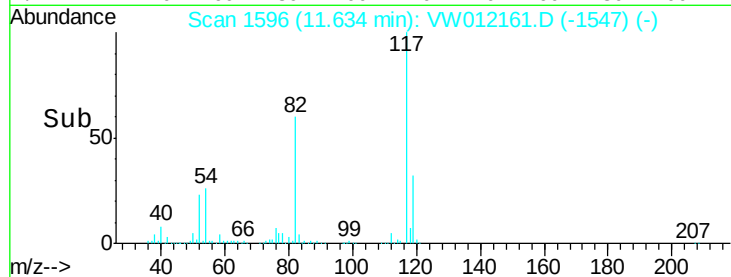
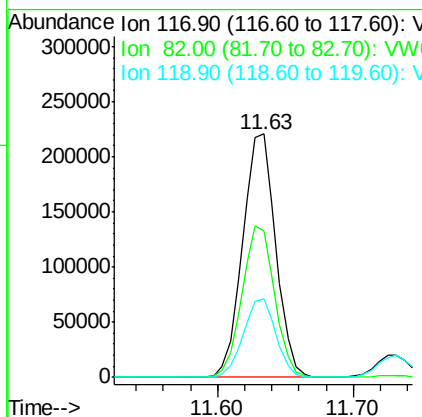
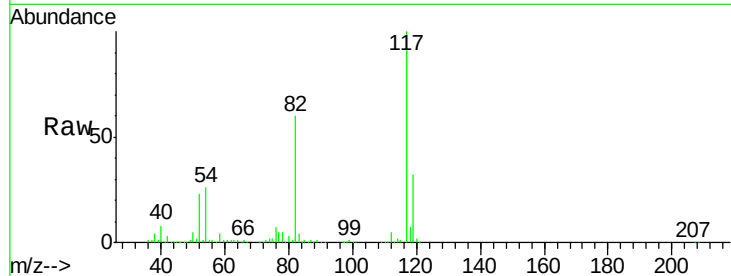
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	374751		
82	60.2	47.4	71.2	
119	32.2	25.4	38.2	

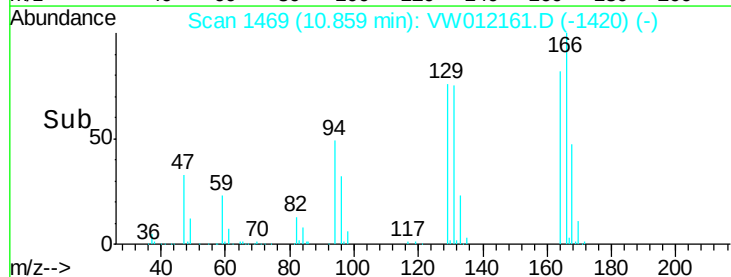
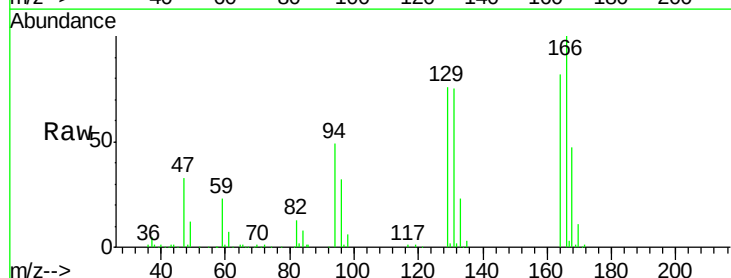
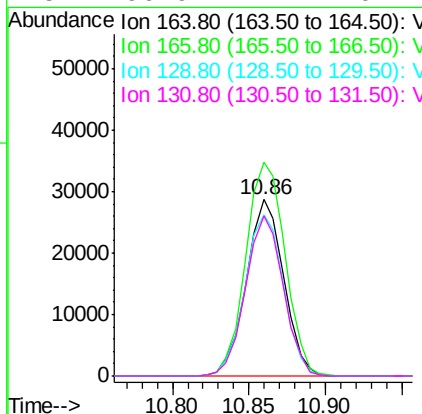
Manual Integrations
APPROVED

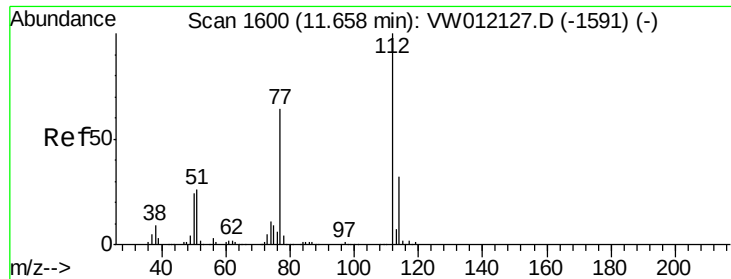
MMDadoda
8/27/2019 11:04:02 AM



#64
Tetrachloroethene
Concen: 20.063 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	48745		
166	121.3	102.4	153.6	
129	91.7	75.8	113.6	
131	90.9	71.4	107.2	





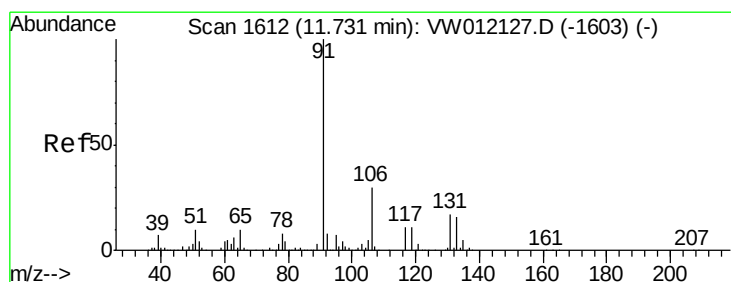
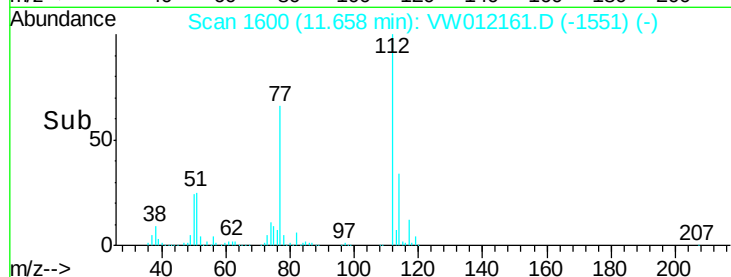
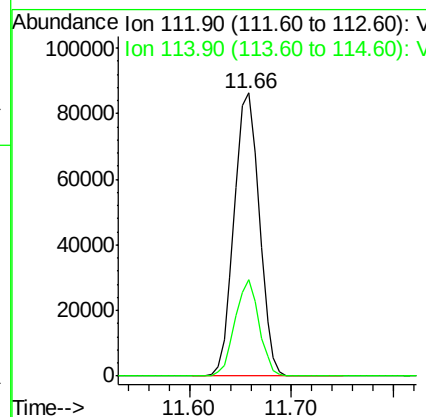
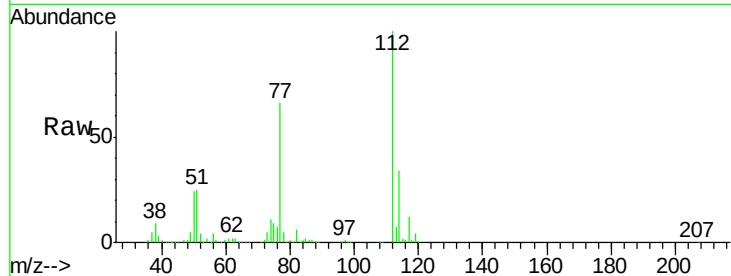
#65
Chlorobenzene
Concen: 19.967 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	147341		
114	34.0	25.8	38.6	

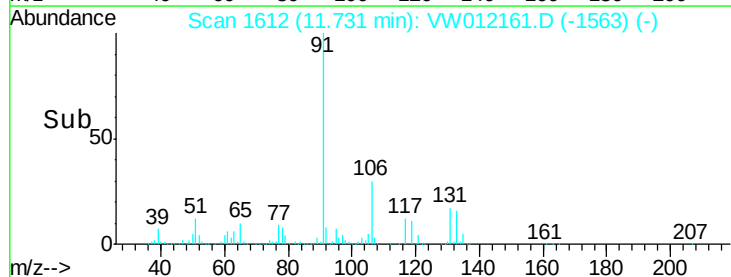
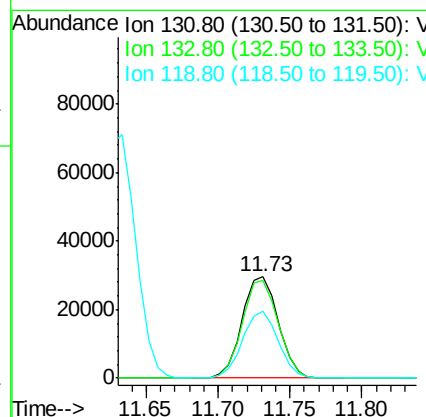
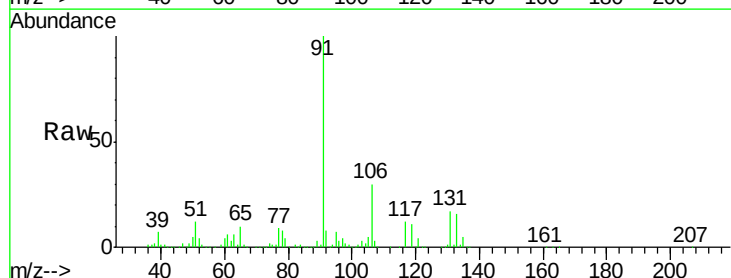
Manual Integrations
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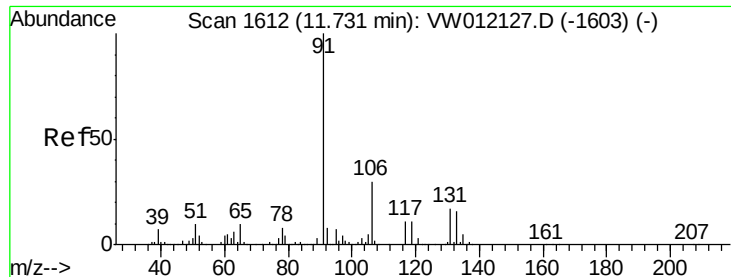
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.131 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	51823		
133	95.9	47.1	141.3	
119	64.8	31.8	95.3	





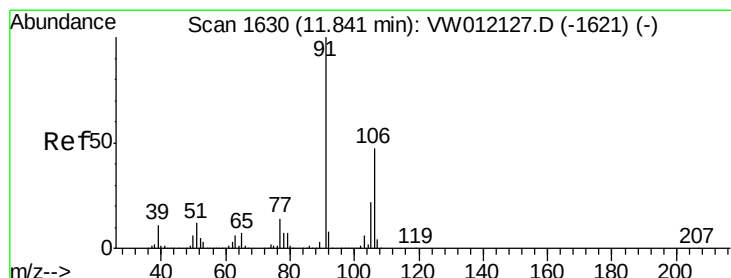
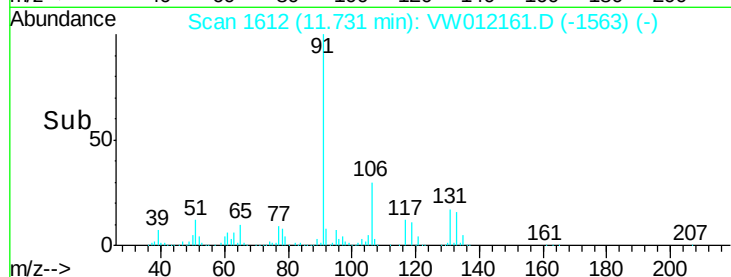
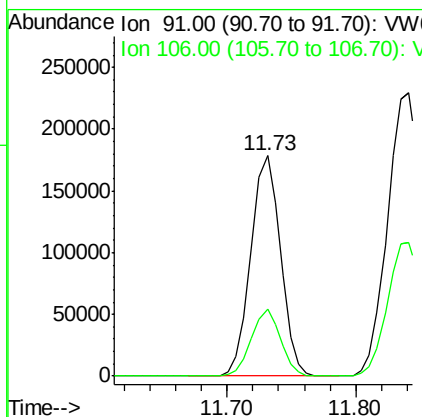
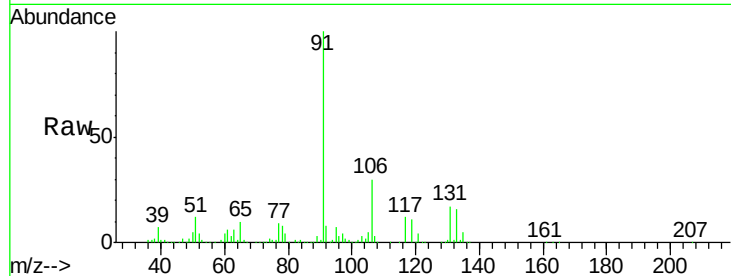
#67
Ethyl Benzene
Concen: 19.971 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS01

Tot Ion: 91 Resp: 283880
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

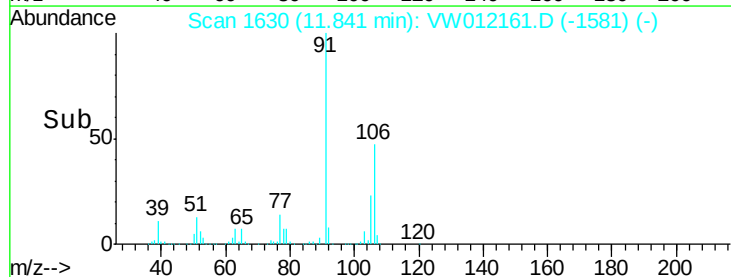
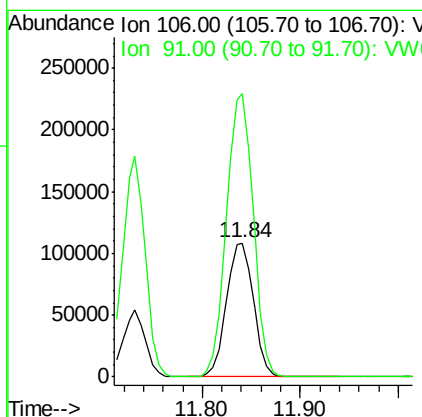
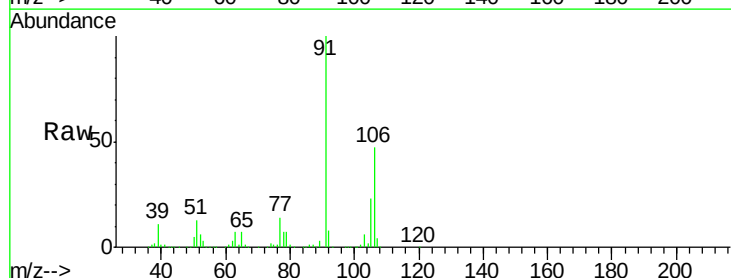
Manual Integrations
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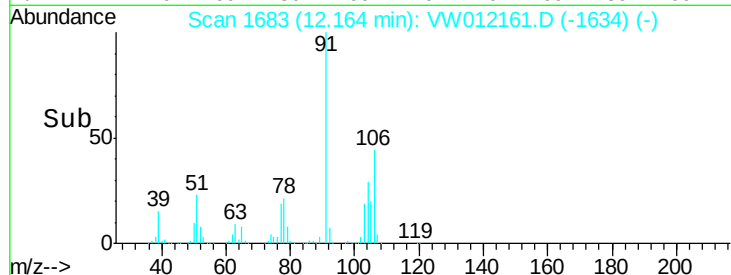
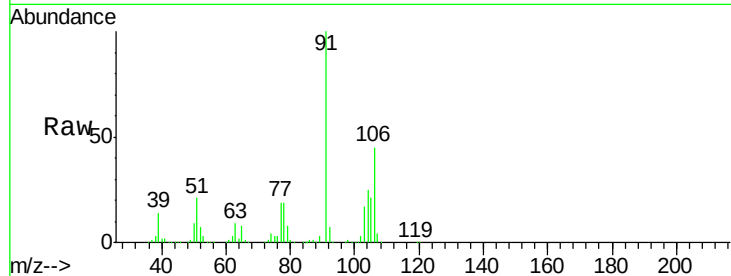
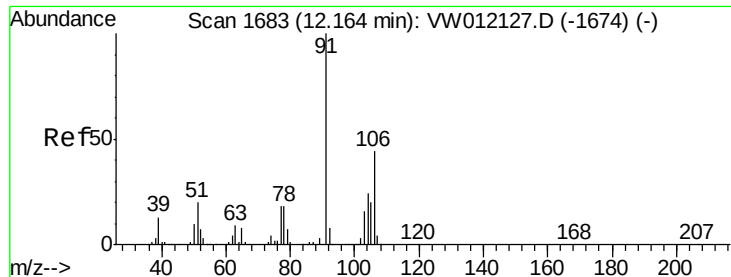
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#68
m/p-Xylenes
Concen: 40.343 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion: 106 Resp: 206571
Ion Ratio Lower Upper
106 100
91 211.0 169.5 254.3





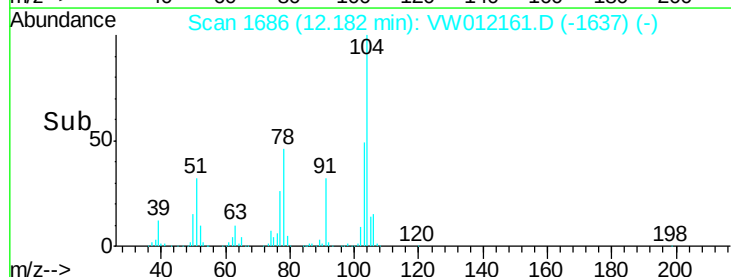
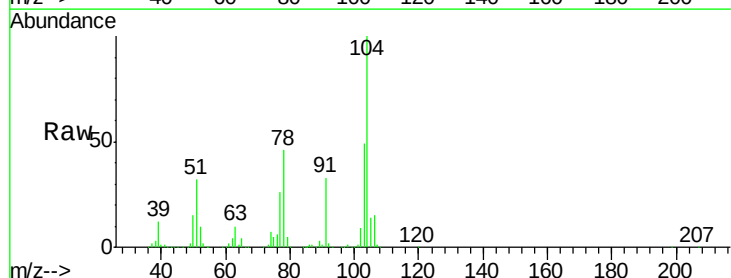
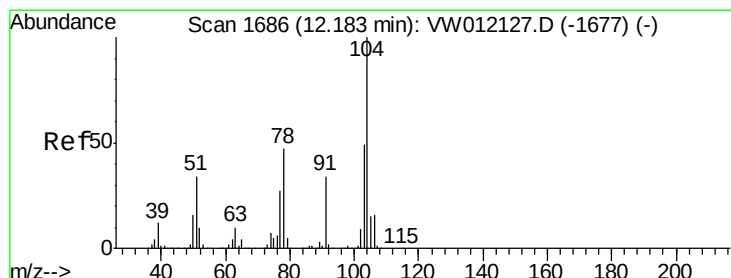
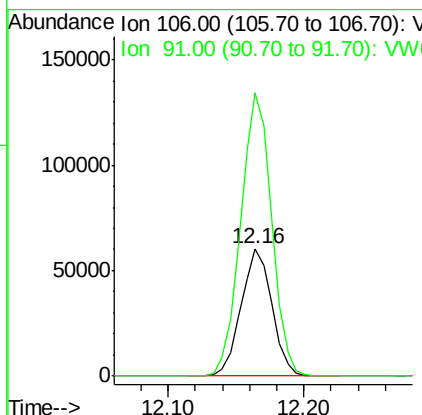
#69
o-Xylene
Concen: 20.088 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tot Ion:106 Resp: 95197
Ion Ratio Lower Upper
106 100
91 223.9 111.6 334.6

Instrument :
MSVOA_W
ClientSampled :
VW0826SBS01

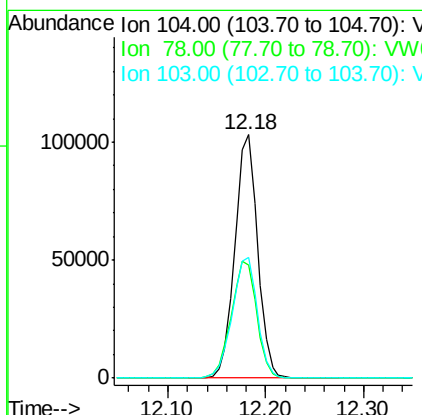
Manual Integrations
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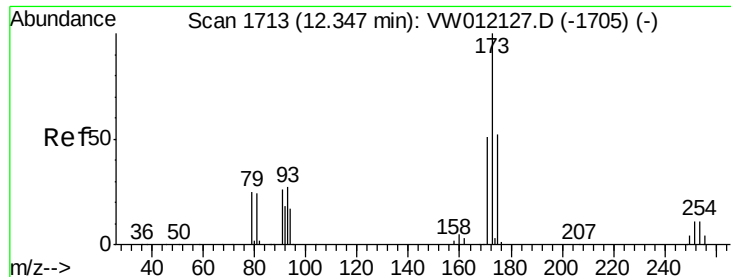
MMDadoda
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#70
Styrene
Concen: 20.301 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion:104 Resp: 166526
Ion Ratio Lower Upper
104 100
78 53.8 43.1 64.7
103 54.7 43.5 65.3





#71

Bromoform

Concen: 19.493 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

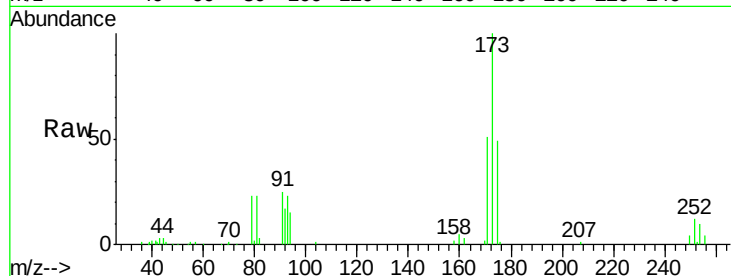
ClientSampleId :

VW0826SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.6	74.0
254	0.0	0.2	0.2

Manual Integrations
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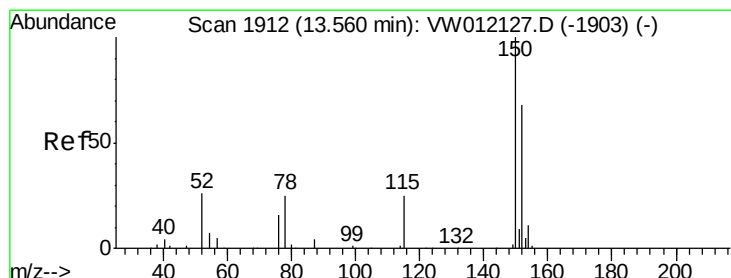
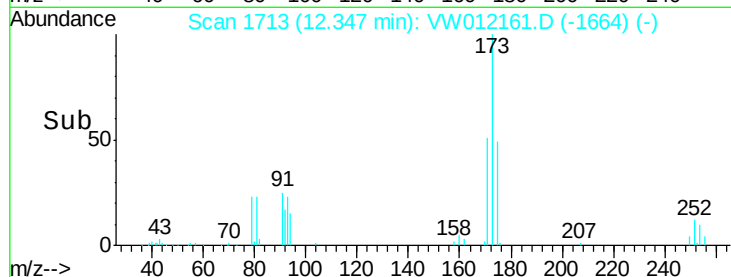
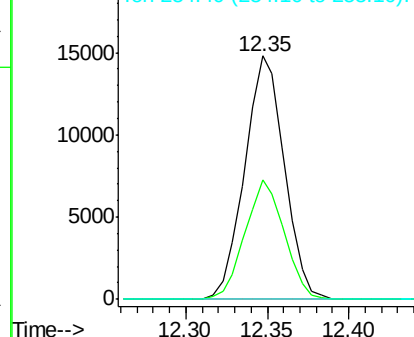


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

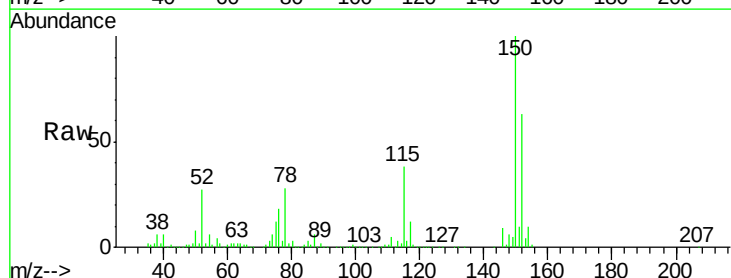
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.1	90.3
150	164.5	0.0	345.8

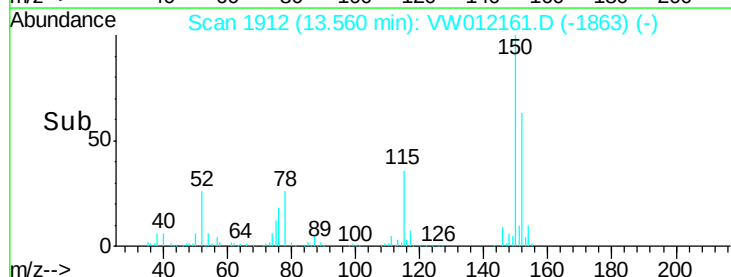
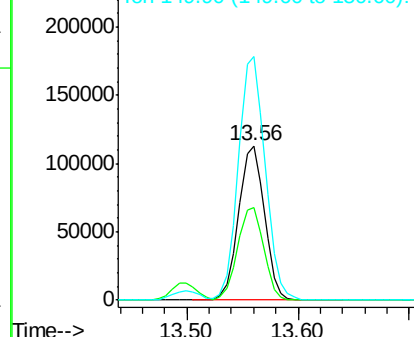


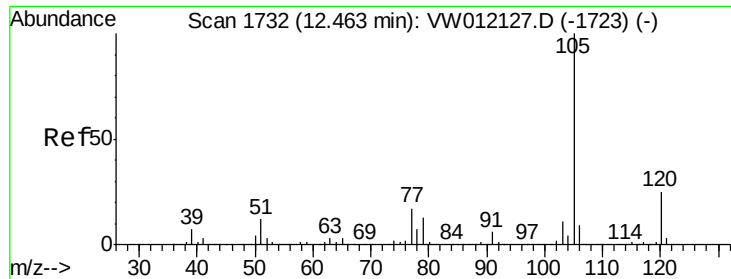
Abundance

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





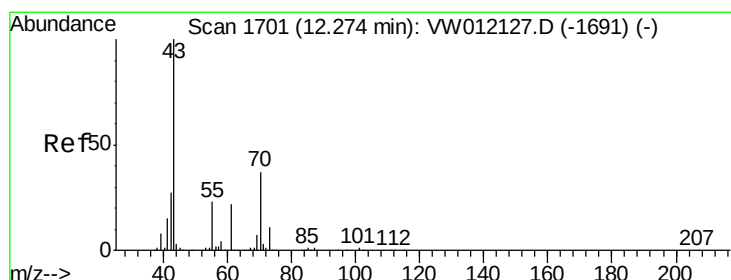
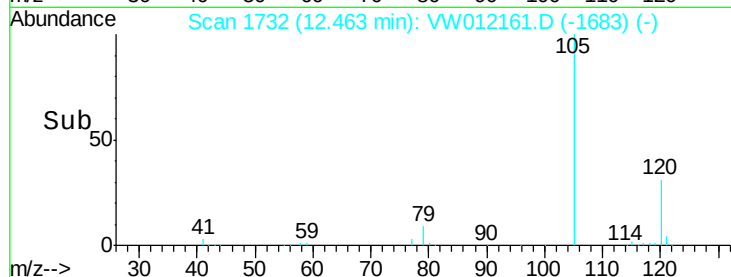
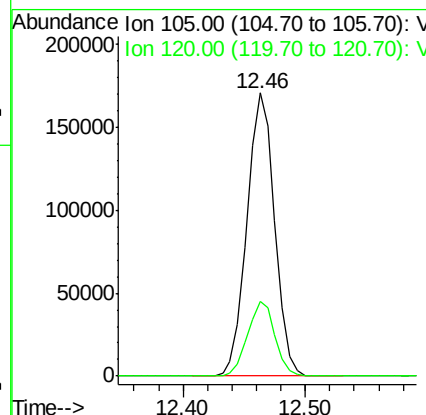
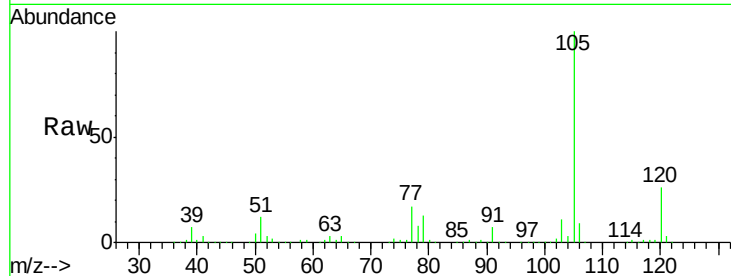
#73
Isopropylbenzene
Concen: 19.715 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	267295		
120	26.1	12.5	37.5	

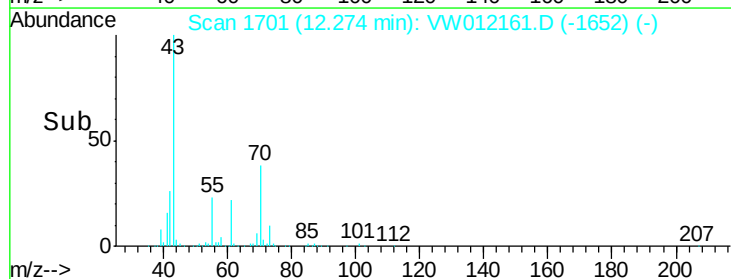
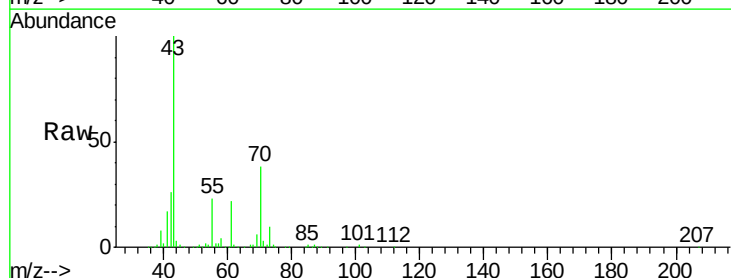
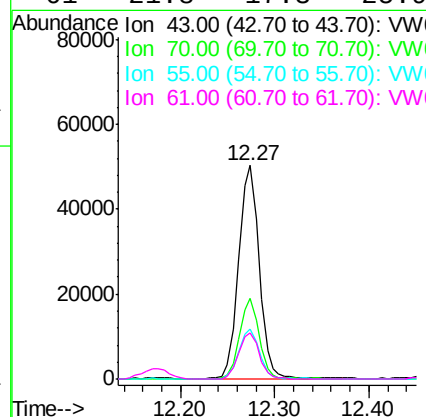
Manual Integrations
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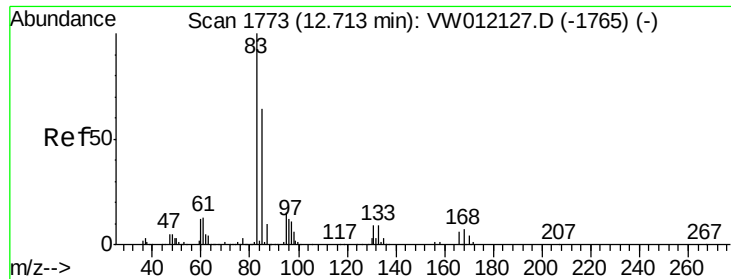
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#74
N-ethyl acetate
Concen: 18.638 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	76346		
70	35.8	28.6	43.0	
55	23.6	17.8	26.6	
61	21.8	17.3	25.9	





#75

1,1,2,2-Tetrachloroethane

Concen: 19.466 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

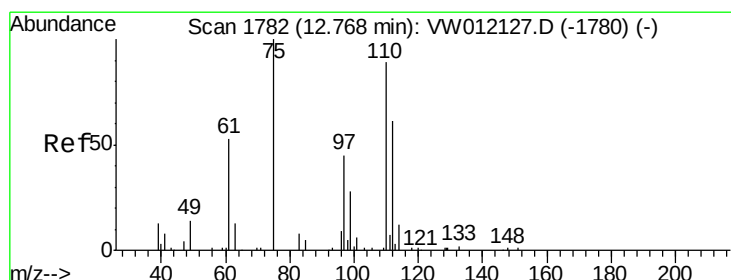
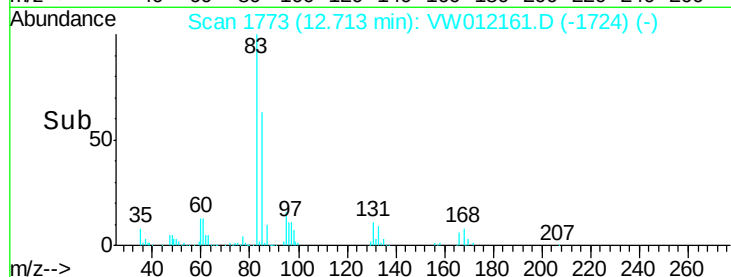
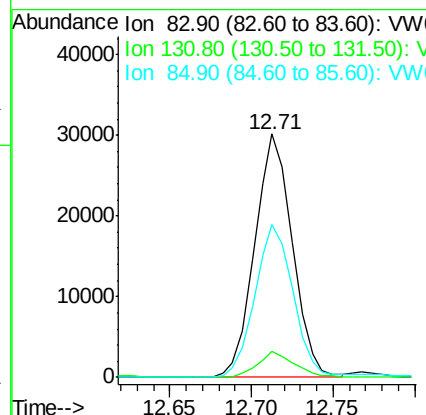
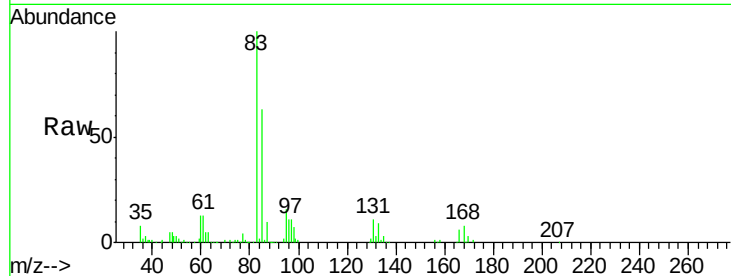
ClientSampleId :

VW0826SBS01

Tot Ion:	83	Resp:	48385
Ion Ratio	Lower	Upper	
83	100		
131	10.3	4.9	14.7
85	63.2	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.784 ug/l m

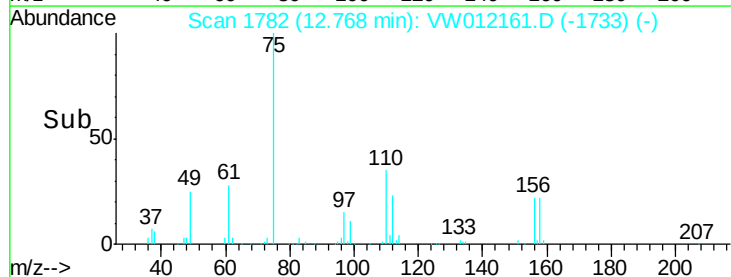
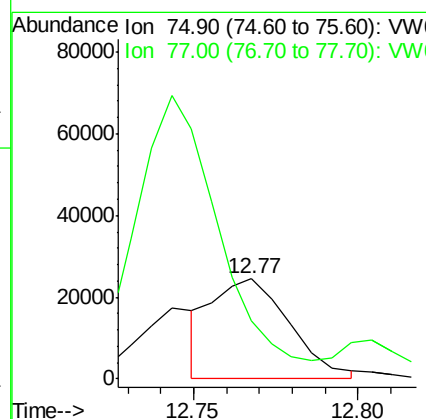
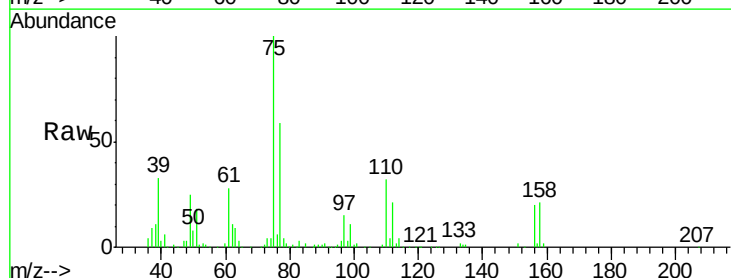
RT: 12.77 min Scan# 1782

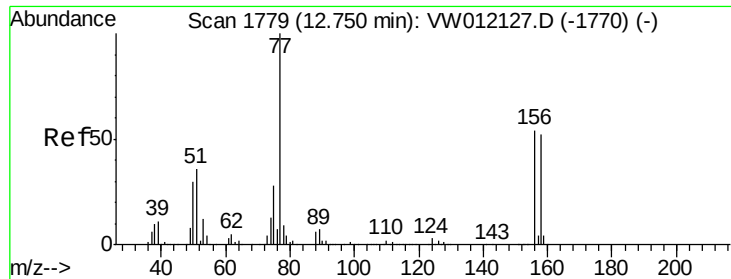
Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Tgt Ion:	75	Resp:	40151
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.856 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS01

Tot Ion:156 Resp: 58241

Ion Ratio Lower Upper

156 100

77 214.9 107.3 321.8

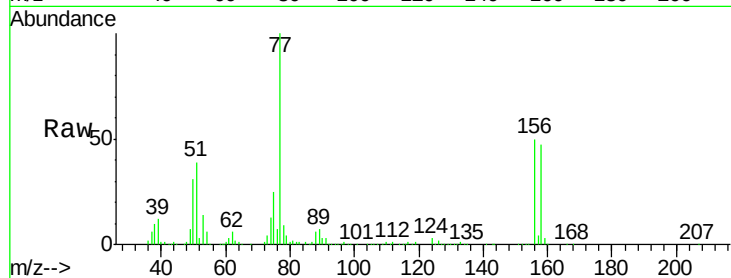
158 96.4 49.0 147.0

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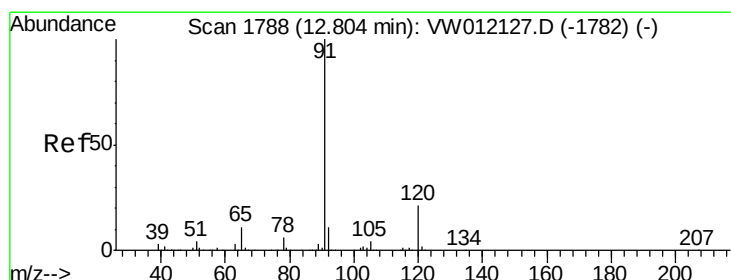
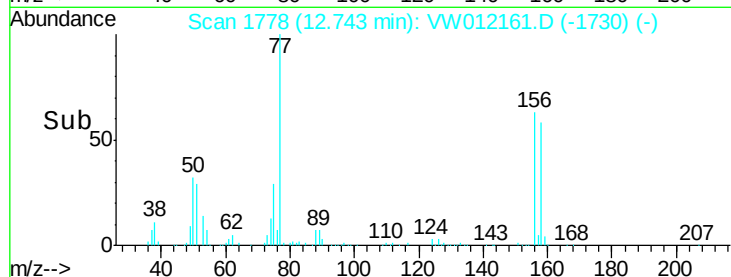
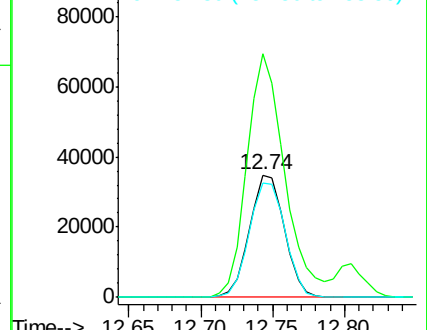
8/27/2019 11:04:02 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.182 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012161.D

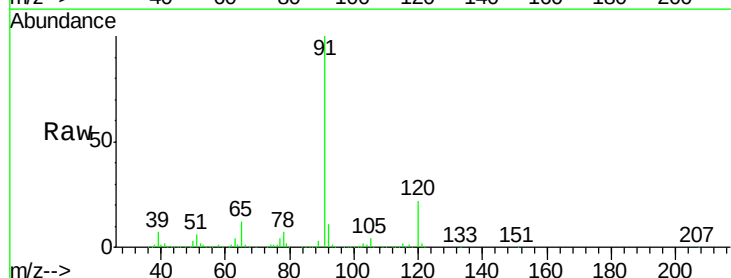
Acq: 26 Aug 2019 10:21

Tgt Ion: 91 Resp: 334045

Ion Ratio Lower Upper

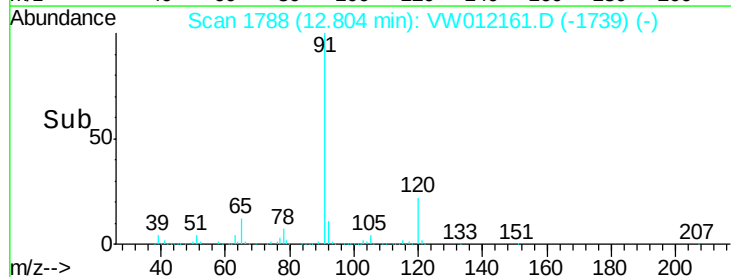
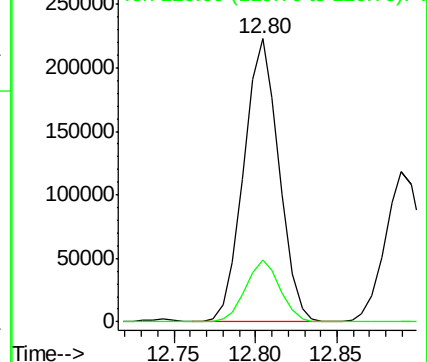
91 100

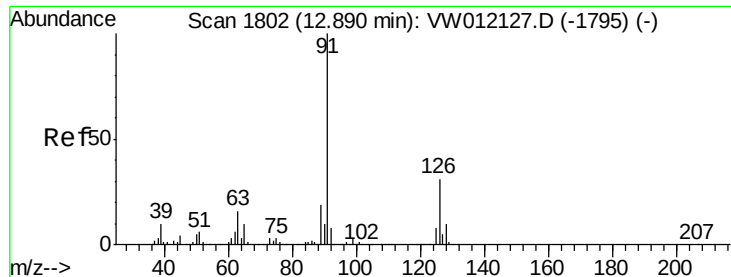
120 21.4 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.044 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

ClientSampled :

VW0826SBS01

Tot Ion: 91 Resp: 188356

Ion Ratio Lower Upper

91 100

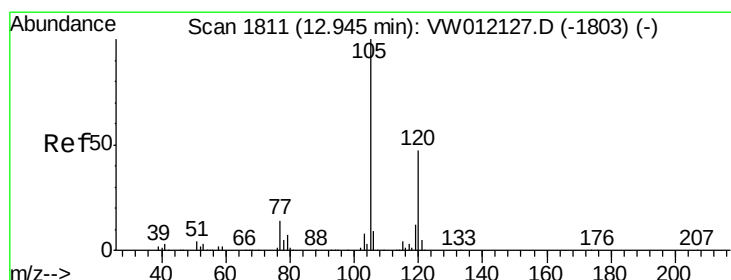
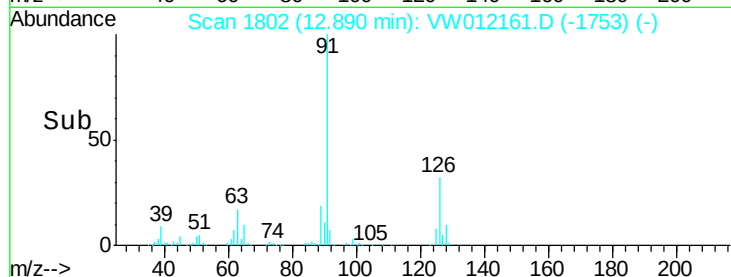
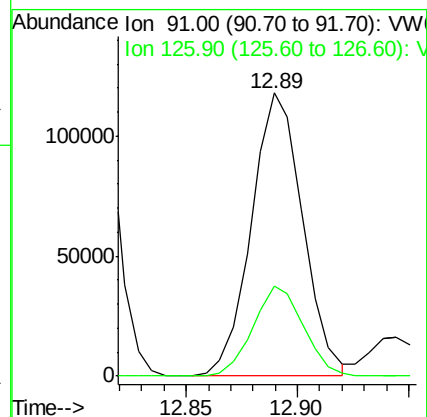
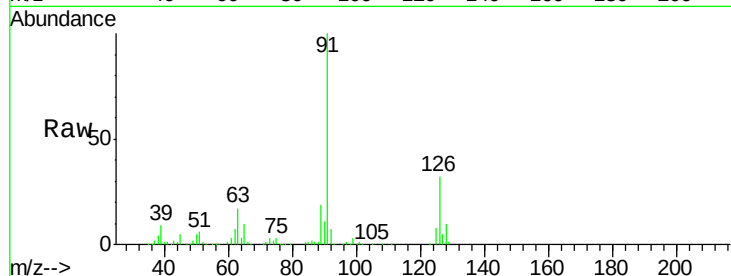
126 31.4 15.7 47.0

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#80

1,3,5-Trimethylbenzene

Concen: 20.389 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012161.D

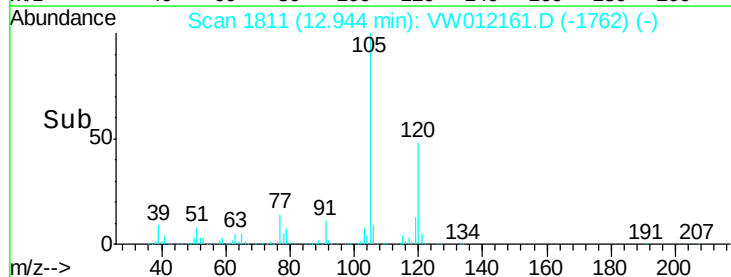
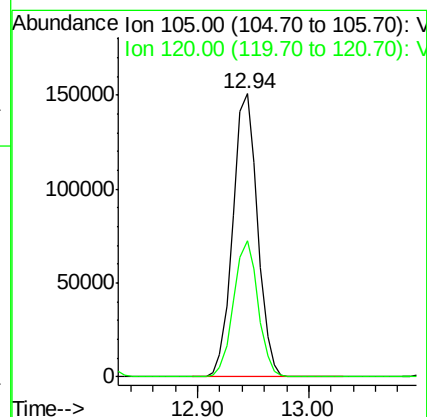
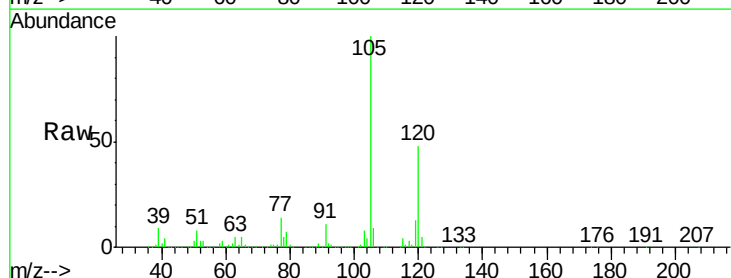
Acq: 26 Aug 2019 10:21

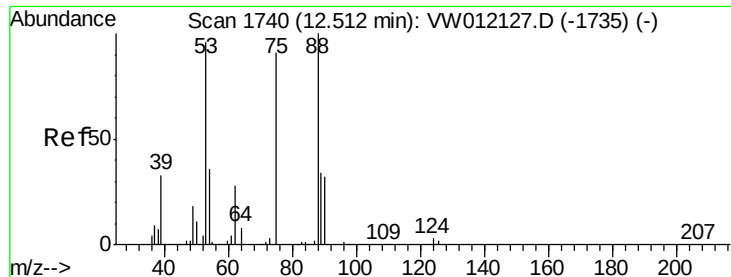
Tgt Ion:105 Resp: 230988

Ion Ratio Lower Upper

105 100

120 47.8 24.0 72.0





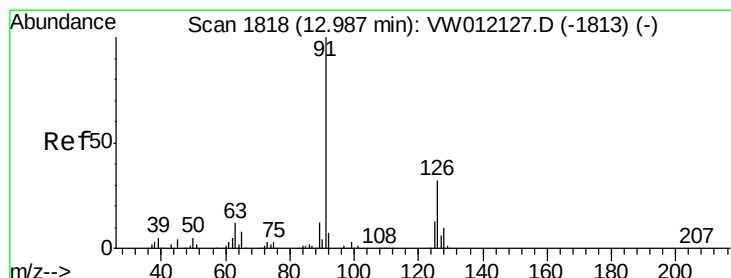
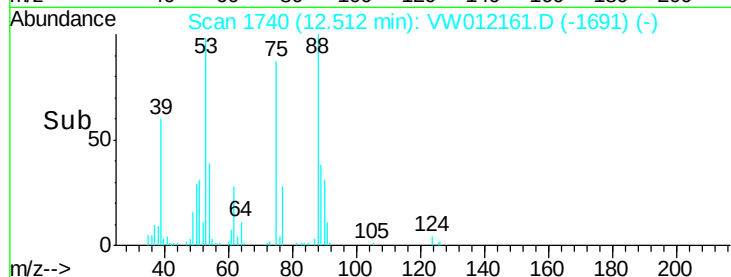
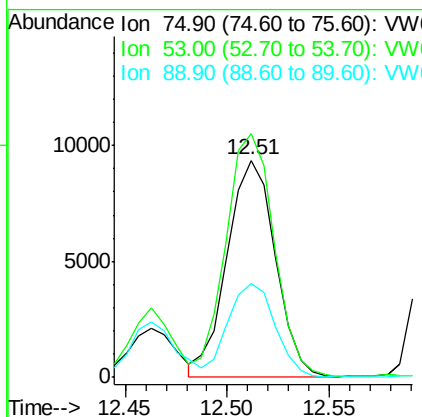
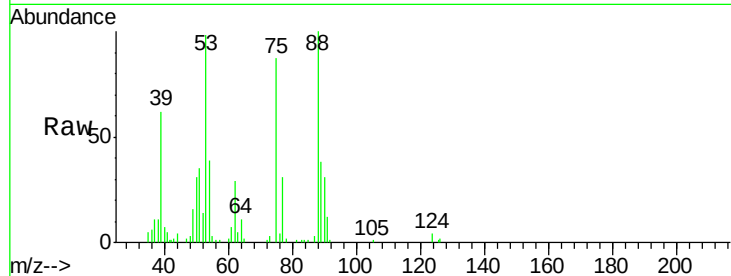
#81
trans-1,4-Dichloro-2-butene
Concen: 19.155 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.9	89.4	134.0
89	42.4	34.5	51.7

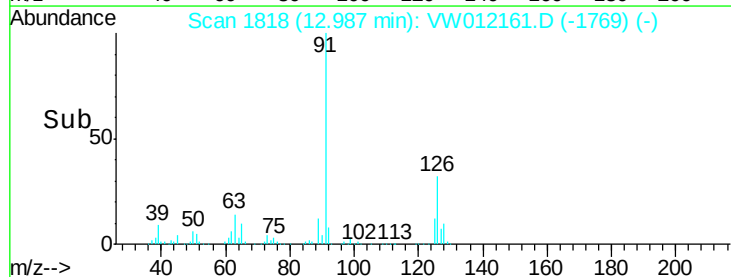
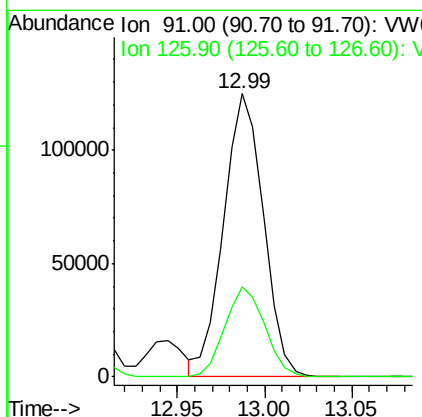
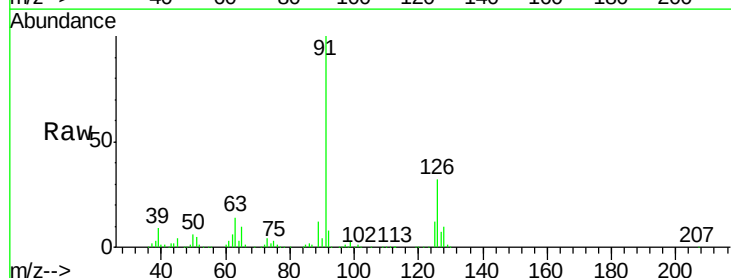
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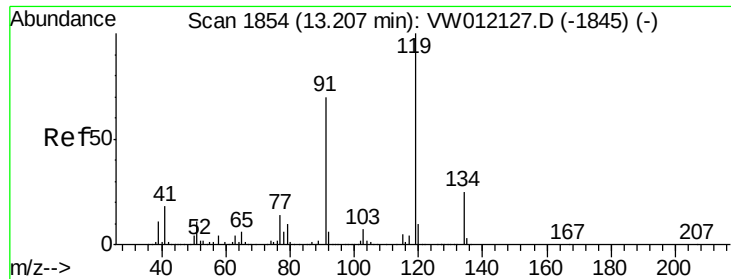
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#82
4-Chlorotoluene
Concen: 20.050 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	15.6	46.8





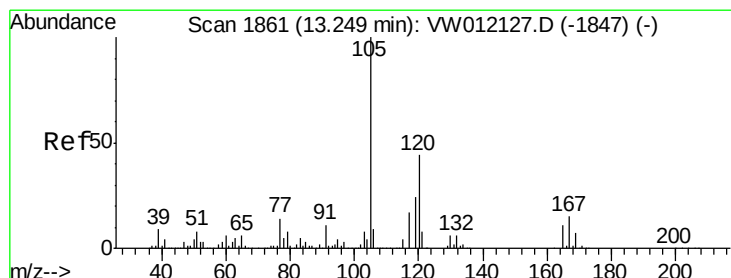
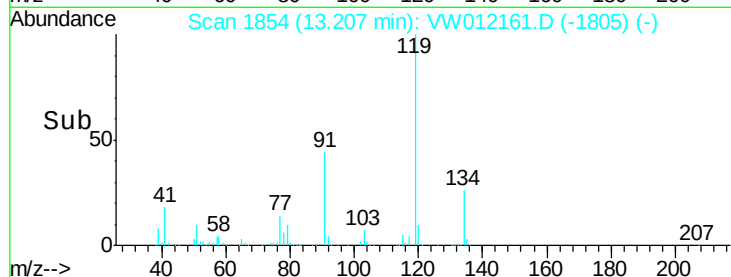
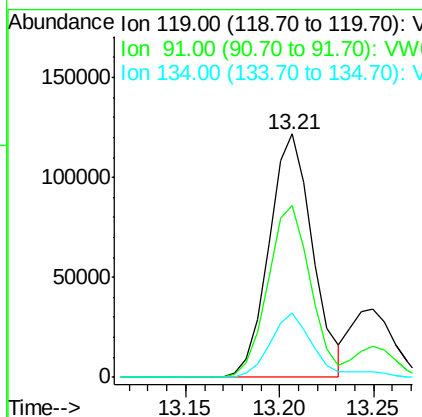
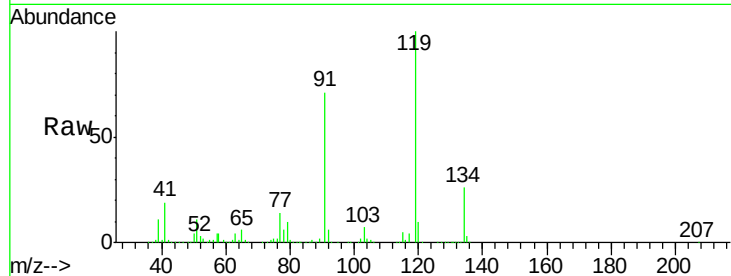
#83
 tert-Butylbenzene
 Concen: 20.275 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.2	34.8	104.3
134	25.1	13.3	39.8

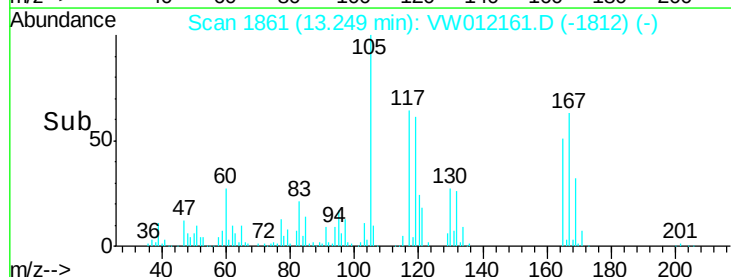
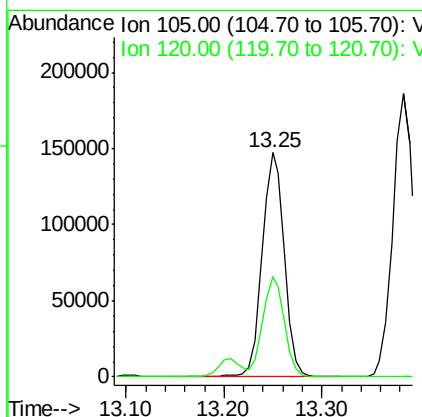
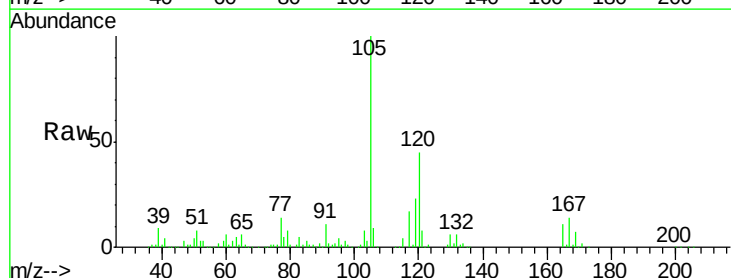
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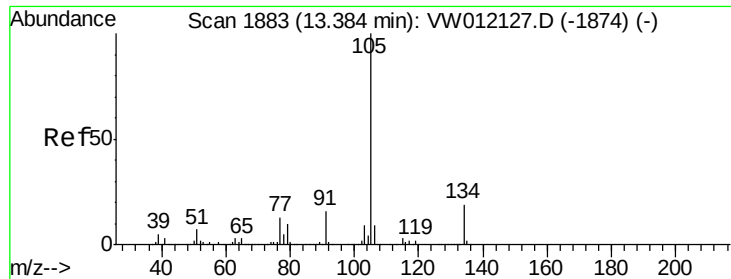
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.372 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.9	65.7





#85

sec-Butylbenzene

Concen: 20.286 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBS01

Tot Ion:105 Resp: 278908

Ion Ratio Lower Upper

105 100

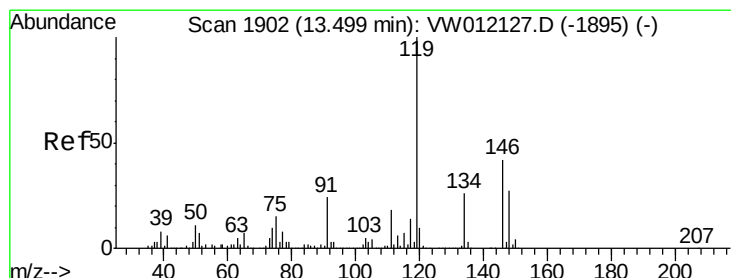
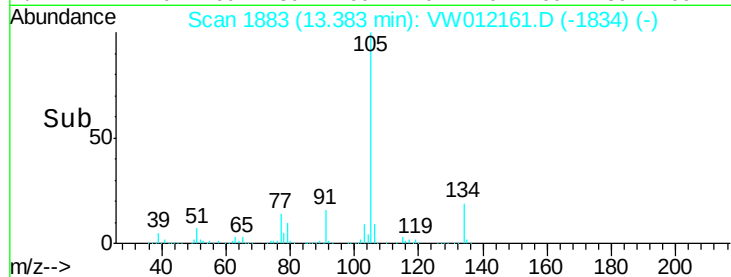
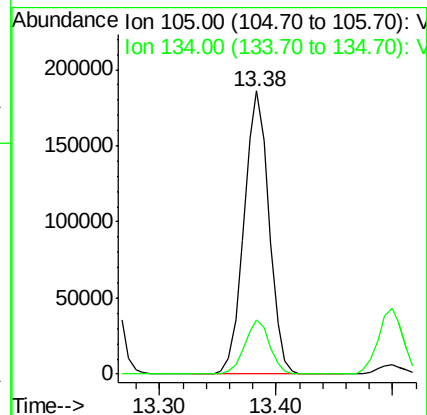
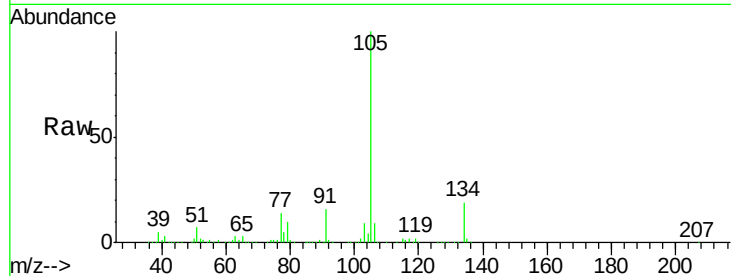
134 19.1 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 20.537 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012161.D

Acq: 26 Aug 2019 10:21

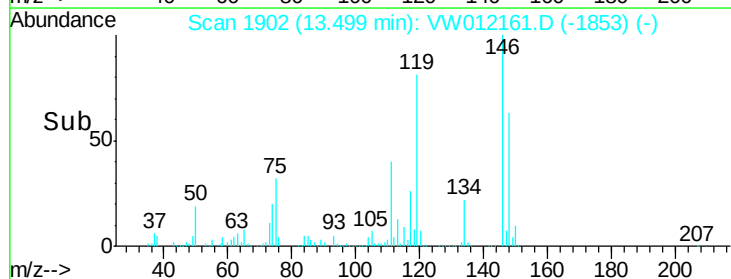
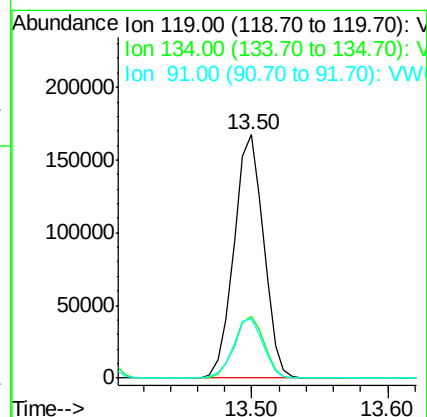
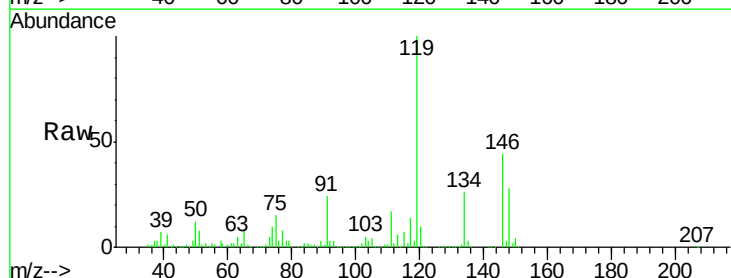
Tgt Ion:119 Resp: 252167

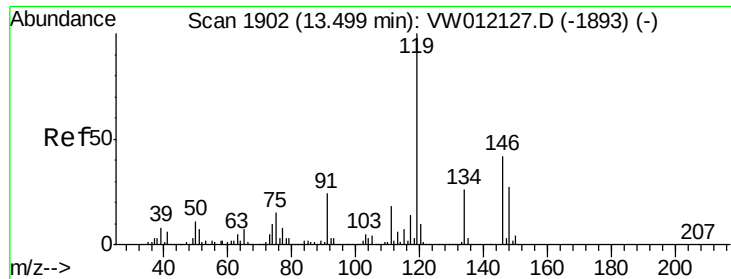
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.3

91 24.8 12.3 36.9





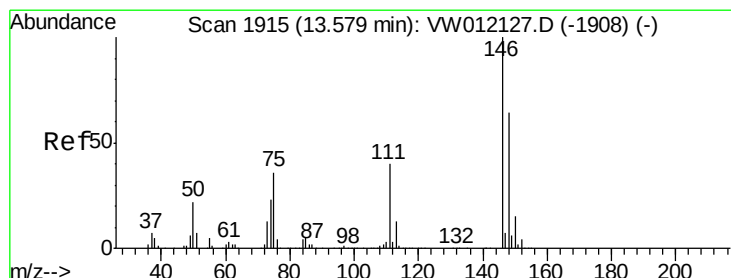
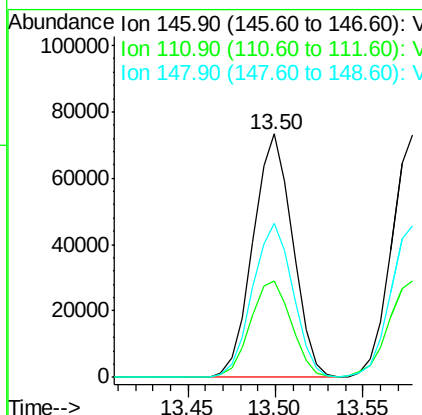
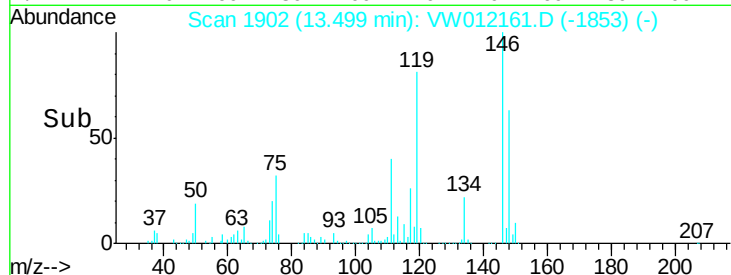
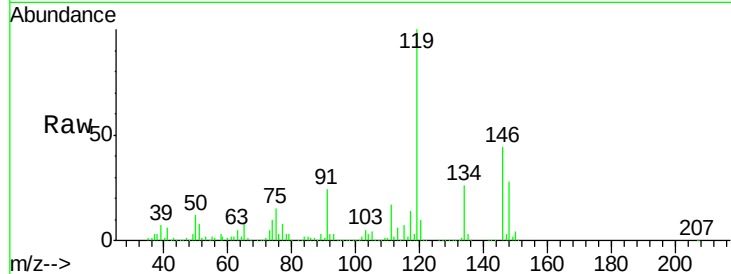
#87
 1,3-Dichlorobenzene
 Concen: 20.173 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	115735		
111	41.2	20.9	62.7	
148	64.6	32.2	96.6	

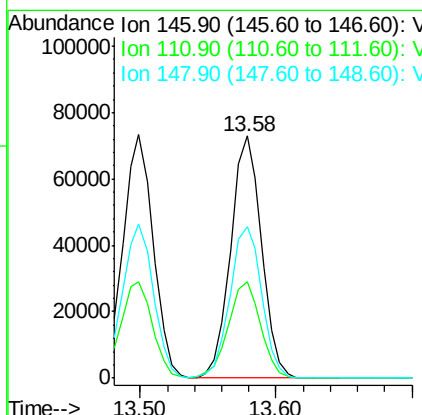
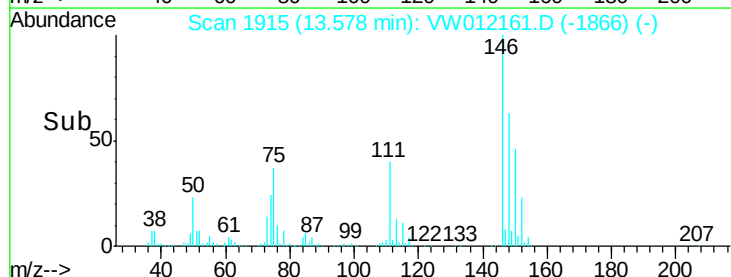
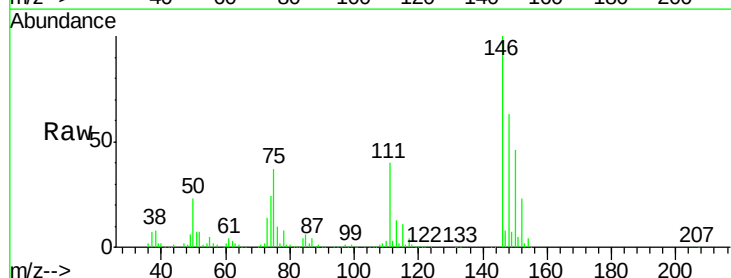
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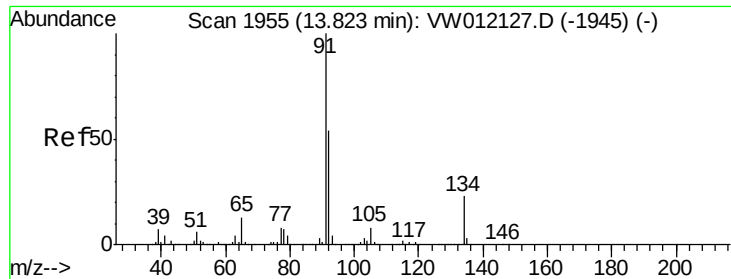
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#88
 1,4-Dichlorobenzene
 Concen: 20.139 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	114721		
111	41.9	20.0	60.0	
148	64.6	32.1	96.3	





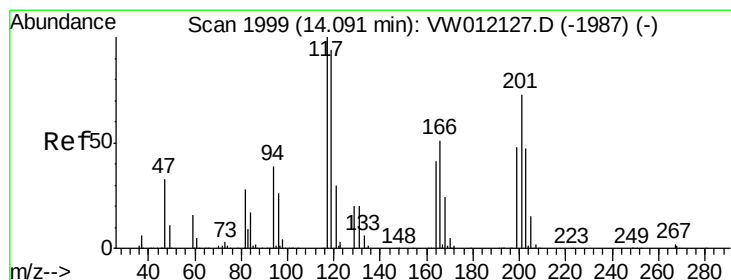
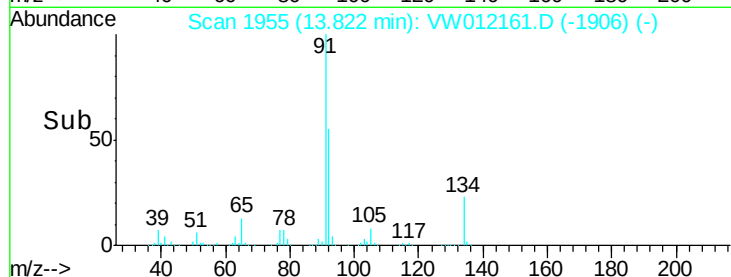
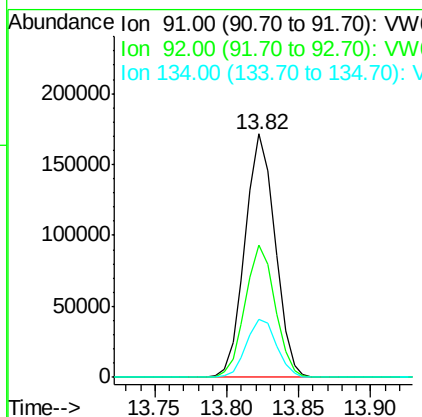
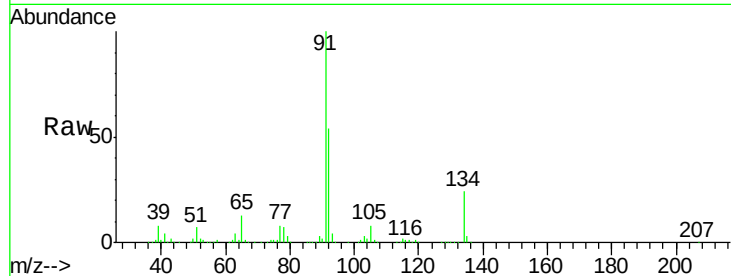
#89
n-Butylbenzene
Concen: 20.315 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	248055		
92	54.1		27.1	81.2
134	24.1		12.2	36.4

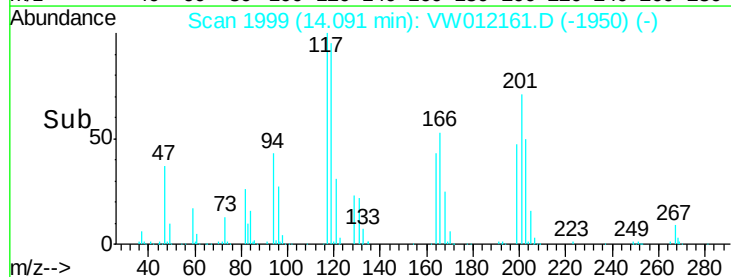
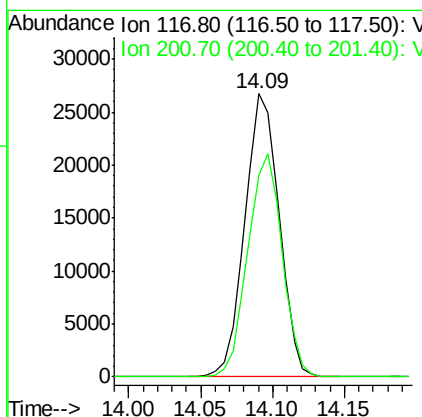
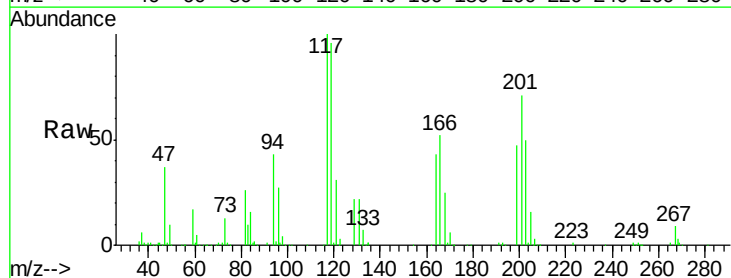
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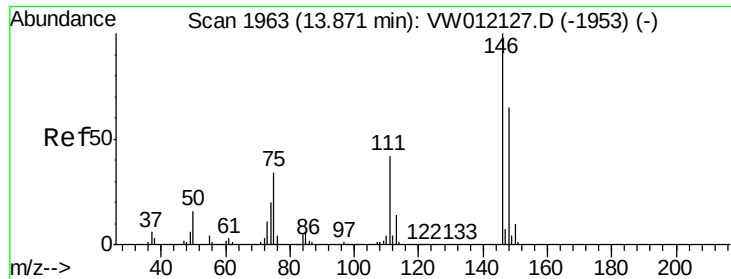
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#90
Hexachloroethane
Concen: 20.454 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	44063		
201	79.0		38.6	115.7





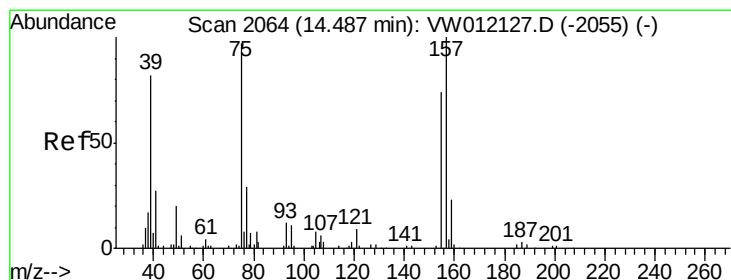
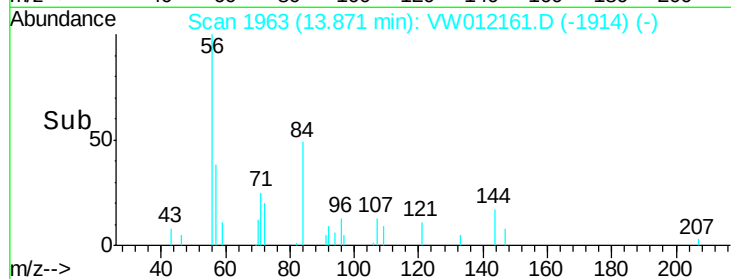
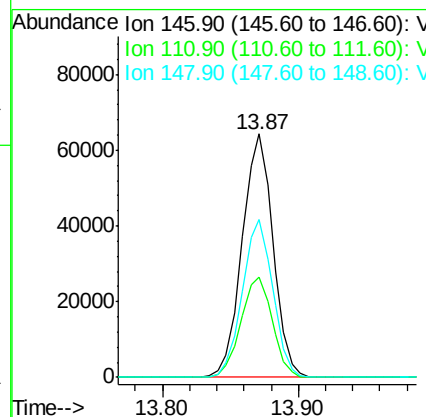
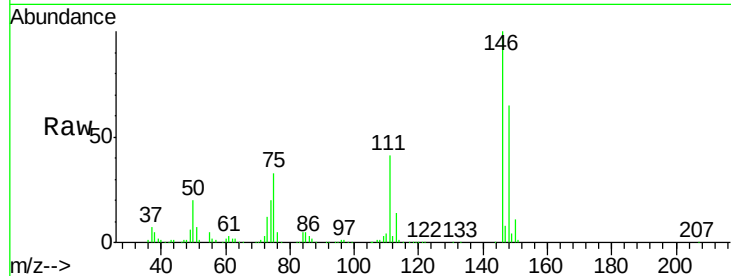
#91
 1,2-Dichlorobenzene
 Concen: 20.246 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.2	63.6
148	63.9	32.5	97.4

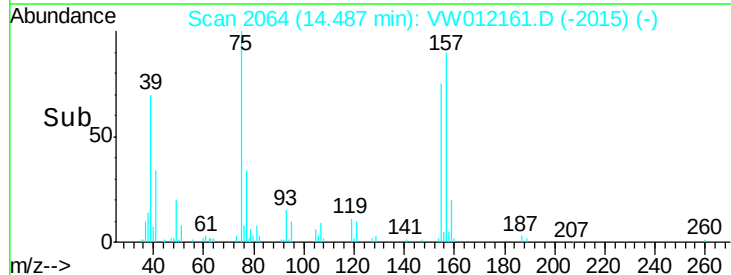
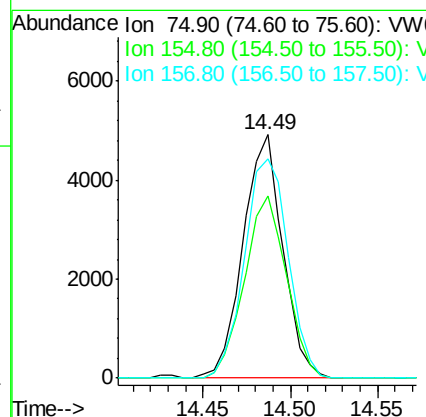
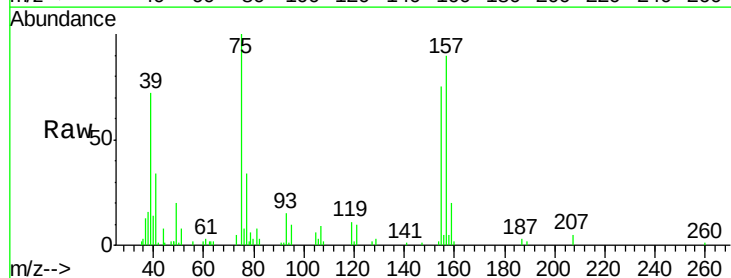
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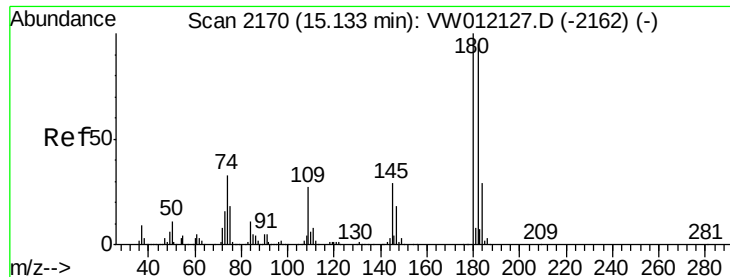
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.545 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.1	37.5	112.3
157	98.9	50.5	151.5





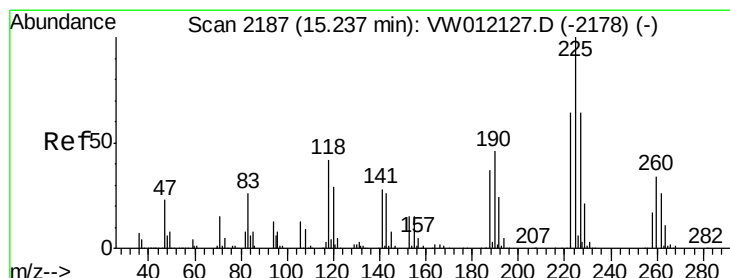
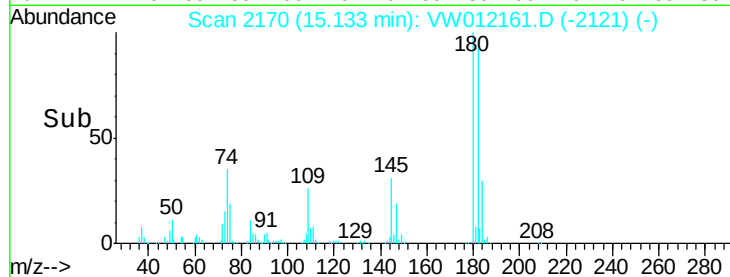
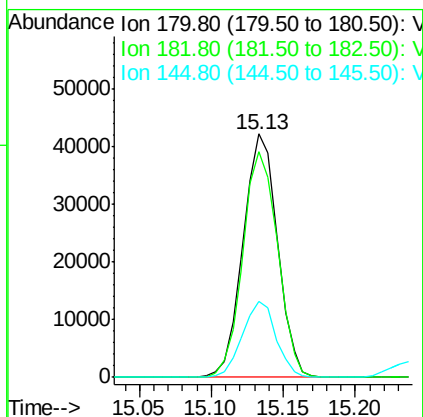
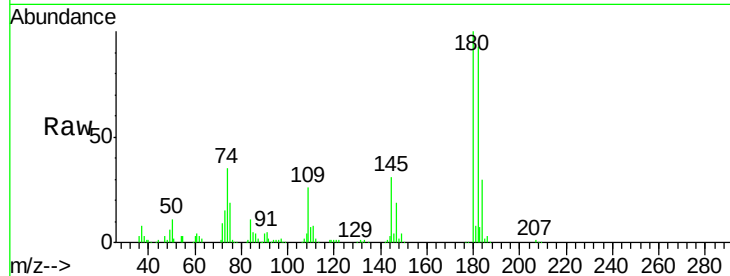
#93
 1,2,4-Trichlorobenzene
 Concen: 20.110 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Instrument :
 MSVOA_W
 ClientSampled :
 VW0826SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	69943		
182	93.8	47.8	143.4	
145	30.6	15.0	45.1	

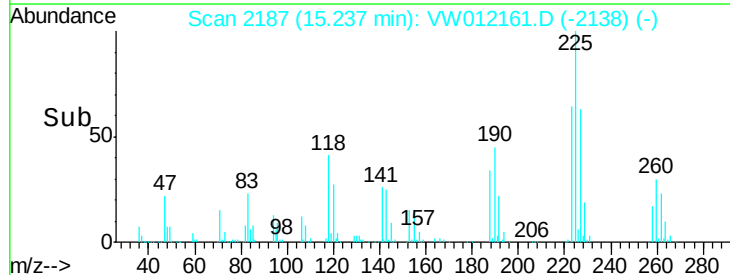
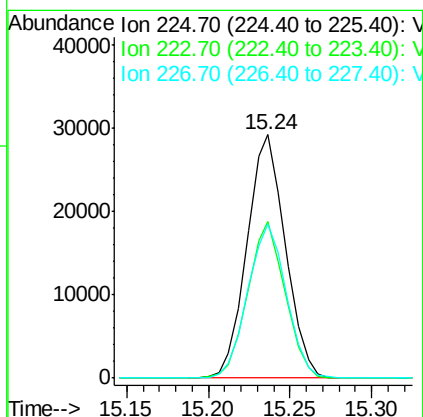
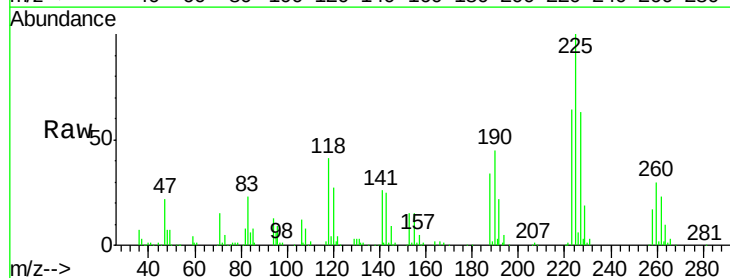
Manual Integrations
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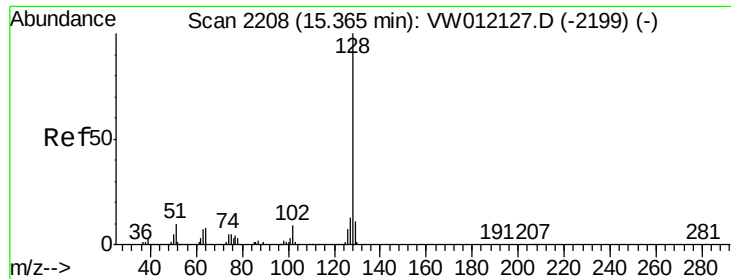
MMDadoda
 8/27/2019 11:04:02 AM



#94
 Hexachlorobutadiene
 Concen: 20.769 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012161.D
 Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	47697		
223	62.7	32.3	96.8	
227	63.6	32.9	98.6	





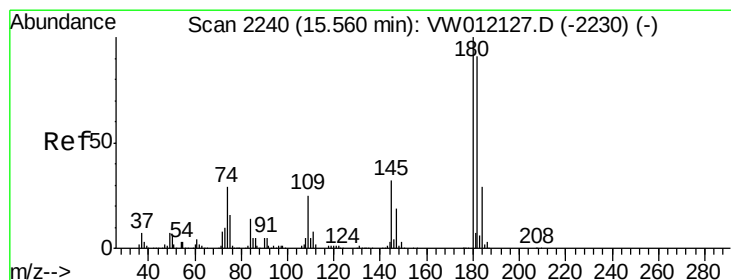
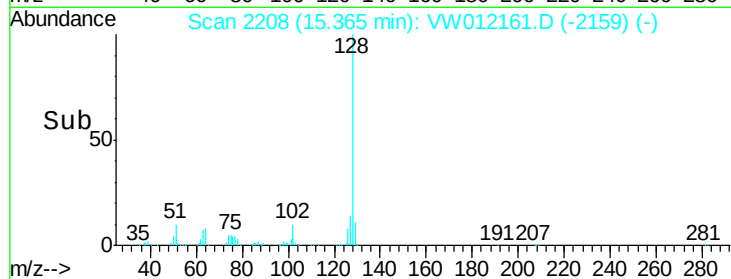
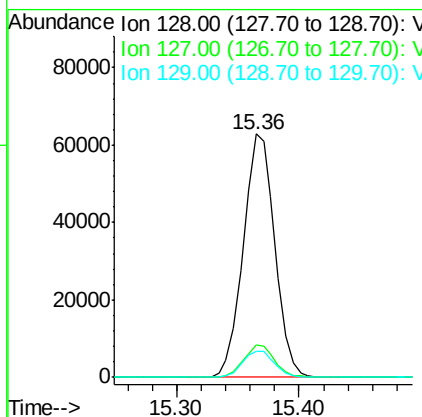
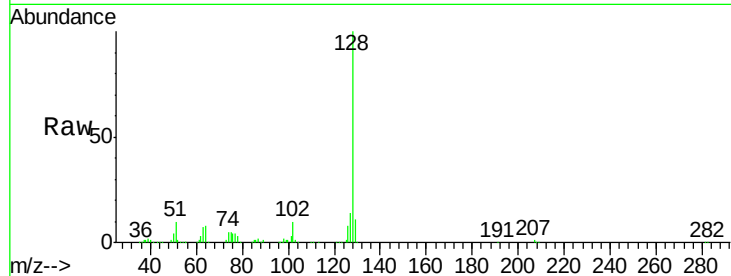
#95
Naphthalene
Concen: 19.387 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	112552		
127	13.2		10.7	16.1
129	11.0		8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.848 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012161.D
Acq: 26 Aug 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	60230		
182	95.1		47.1	141.3
145	31.6		16.2	48.5

