

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012587.D
 Acq On : 04 Sep 2019 11:57
 Operator : SY/VA
 Sample : VW0904SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/7/2019 12:46:11 AM

Quant Time: Sep 05 06:59:49 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	224776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	346707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	143252	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
35) Dibromofluoromethane	7.88	113	112273	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
50) Toluene-d8	10.32	98	439662	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.62	95	159143	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	28039	20.259	ug/l	94
3) Chloromethane	2.21	50	41925	19.552	ug/l	100
4) Vinyl Chloride	2.35	62	48623	18.527	ug/l	100
5) Bromomethane	2.73	94	18658	14.037	ug/l	97
6) Chloroethane	2.90	64	27511	18.582	ug/l	96
7) Trichlorofluoromethane	3.24	101	28747	21.814	ug/l	97
8) Diethyl Ether	3.68	74	25835	20.654	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	48432	21.621	ug/l	97
10) Methyl Iodide	4.27	142	61839	20.403	ug/l	96
11) Tert butyl alcohol	5.17	59	21264	132.237	ug/l	97
12) 1,1-Dichloroethene	4.03	96	47208	20.938	ug/l	94
13) Acrolein	3.89	56	10795	71.317	ug/l	94
14) Allyl chloride	4.66	41	95823	19.880	ug/l	97
15) Acrylonitrile	5.36	53	71569	115.432	ug/l	99
16) Acetone	4.12	43	79647	116.609	ug/l	99
17) Carbon Disulfide	4.38	76	114047	16.737	ug/l	97
18) Methyl Acetate	4.67	43	42058	24.861	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	85627	23.485	ug/l	99
20) Methylene Chloride	4.91	84	57041	22.091	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	49069	20.295	ug/l	98
22) Diisopropyl ether	6.31	45	196505	21.994	ug/l	99
23) Vinyl Acetate	6.25	43	596539	108.494	ug/l	100
24) 1,1-Dichloroethane	6.21	63	106251	21.842	ug/l	98
25) 2-Butanone	7.17	43	107927	116.281	ug/l	99
26) 2,2-Dichloropropane	7.17	77	63108	22.920	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	55589	21.520	ug/l	97
28) Bromochloromethane	7.51	49	44673	21.070	ug/l	94
29) Tetrahydrofuran	7.53	42	66206	118.893	ug/l	99
30) Chloroform	7.67	83	102381	23.004	ug/l	93
31) Cyclohexane	7.95	56	91150	18.939	ug/l	# 94
32) 1,1,1-Trichloroethane	7.87	97	81583	23.172	ug/l	99
36) 1,1-Dichloropropene	8.08	75	79208	22.108	ug/l	100
37) Ethyl Acetate	7.25	43	46144	23.503	ug/l	99
38) Carbon Tetrachloride	8.06	117	74958	24.172	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81543	20.259	ug/l	96
40) Benzene	8.32	78	216799	22.160	ug/l	100
41) Methacrylonitrile	7.48	41	28403	24.614	ug/l	97
42) 1,2-Dichloroethane	8.40	62	75102	24.494	ug/l	99
43) Isopropyl Acetate	8.42	43	86970	23.914	ug/l	99
44) Trichloroethene	9.09	130	52866	22.229	ug/l	93
45) 1,2-Dichloropropane	9.37	63	58804	22.334	ug/l	97
46) Dibromomethane	9.46	93	27531	23.501	ug/l	99
47) Bromodichloromethane	9.64	83	73961	23.722	ug/l	99
48) Methyl methacrylate	9.43	41	41294	23.857	ug/l	99
49) 1,4-Dioxane	9.45	88	8438	470.506	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	231221	125.002	ug/l	99
52) Toluene	10.38	92	132496	22.544	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	74892	23.582	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	86918	22.666	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39338	23.734	ug/l	96
56) Ethyl methacrylate	10.65	69	57791	23.957	ug/l	99
57) 1,3-Dichloropropane	10.93	76	74114	23.662	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	135414	109.377	ug/l	99
59) 2-Hexanone	10.97	43	167736	128.159	ug/l	99
60) Dibromochloromethane	11.13	129	45052	24.403	ug/l	98
61) 1,2-Dibromoethane	11.23	107	36926	23.913	ug/l	99
64) Tetrachloroethene	10.86	164	44145	22.531	ug/l	99
65) Chlorobenzene	11.66	112	134373	22.581	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49668	23.926	ug/l	98
67) Ethyl Benzene	11.73	91	260606	22.735	ug/l	99
68) m/p-Xylenes	11.84	106	187485	45.406	ug/l	98
69) o-Xylene	12.16	106	87877	22.995	ug/l	98
70) Styrene	12.18	104	154450	23.349	ug/l	99
71) Bromoform	12.35	173	26188	25.320	ug/l #	98
73) Isopropylbenzene	12.46	105	251212	21.705	ug/l	99
74) N-amyl acetate	12.27	43	80777	23.100	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	48551	22.881	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	40404m	26.858	ug/l	
77) Bromobenzene	12.75	156	56000	22.365	ug/l	97
78) n-propylbenzene	12.80	91	304847	21.575	ug/l	98
79) 2-Chlorotoluene	12.89	91	173572	21.637	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	216463	22.382	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15223	22.187	ug/l	93
82) 4-Chlorotoluene	12.99	91	185353	22.067	ug/l	100
83) tert-Butylbenzene	13.21	119	184567	22.529	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	217006	22.337	ug/l	99
85) sec-Butylbenzene	13.38	105	257826	21.967	ug/l	100
86) p-Isopropyltoluene	13.50	119	237007	22.611	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	111647	22.796	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	108766	22.366	ug/l	97
89) n-Butylbenzene	13.82	91	230127	22.078	ug/l	100
90) Hexachloroethane	14.09	117	39835	21.661	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	100744	23.448	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8506	23.779	ug/l	96

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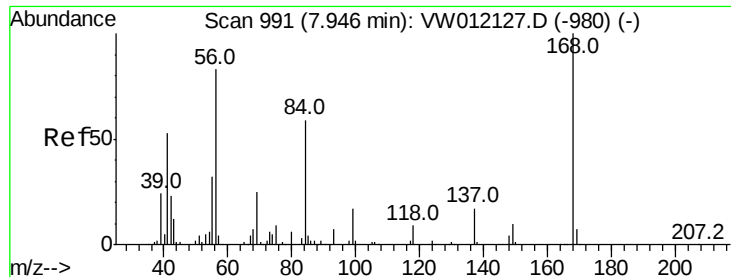
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	70626	23.787	ug/l	100
94) Hexachlorobutadiene	15.24	225	47457	24.207	ug/l	99
95) Naphthalene	15.36	128	120138	23.159	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	60904	23.511	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD01

Tot Ion:168 Resp: 224776

Ion Ratio Lower Upper

168 100

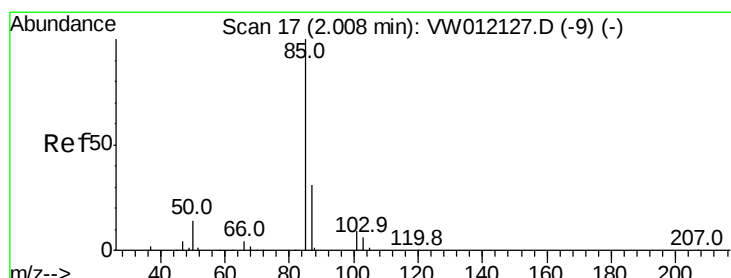
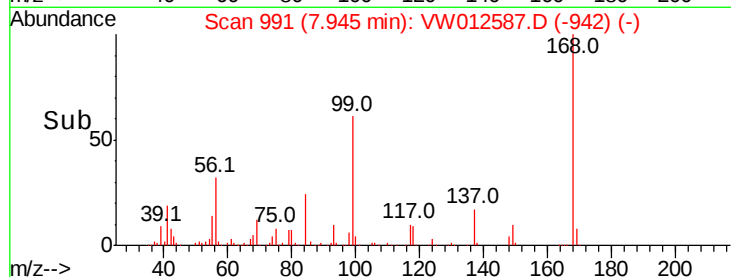
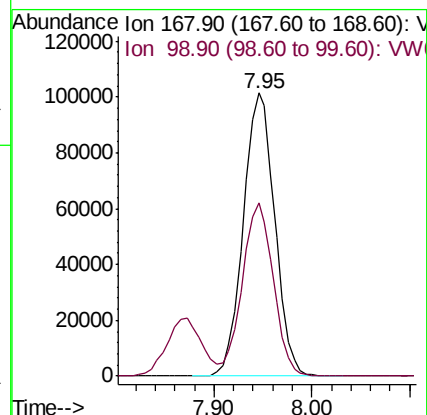
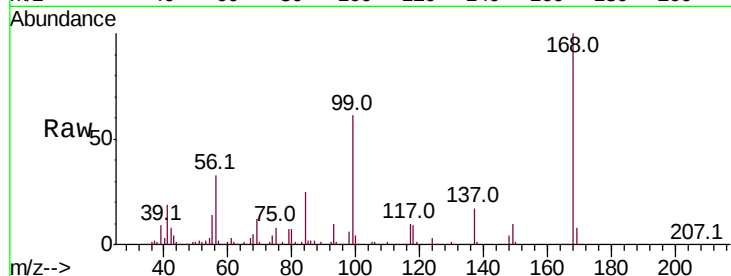
99 61.1 49.2 73.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 20.259 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012587.D

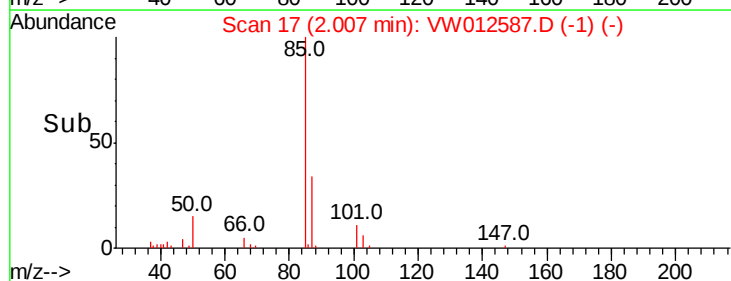
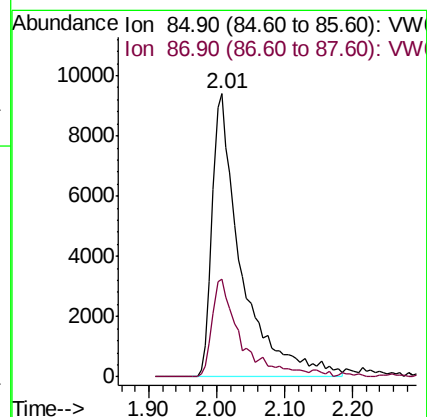
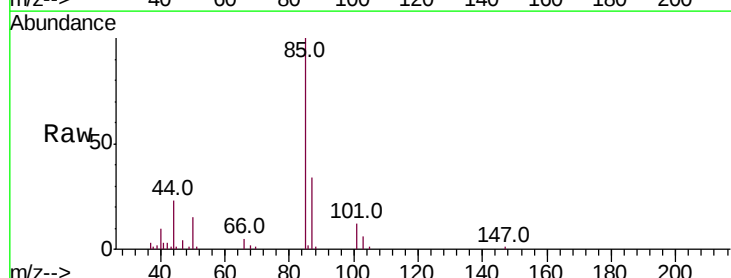
Acq: 04 Sep 2019 11:57

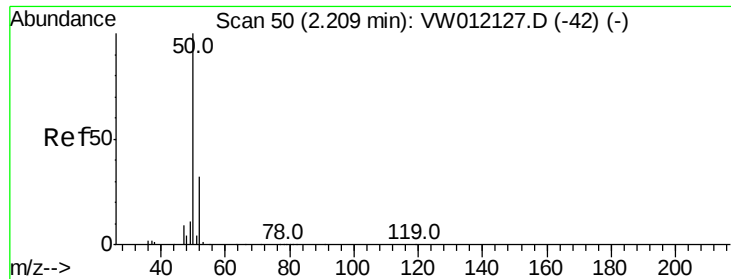
Tgt Ion: 85 Resp: 28039

Ion Ratio Lower Upper

85 100

87 34.3 15.6 46.8





#3

Chloromethane

Concen: 19.552 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD01

Tot Ion: 50 Resp: 41925

Ion Ratio Lower Upper

50 100

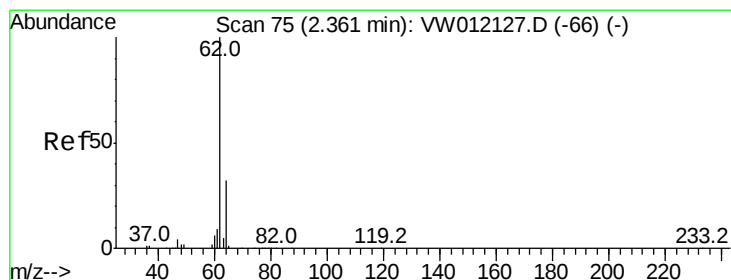
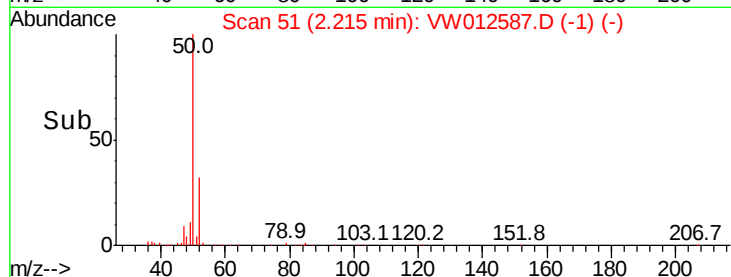
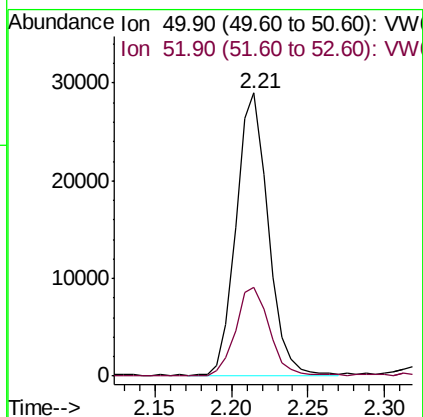
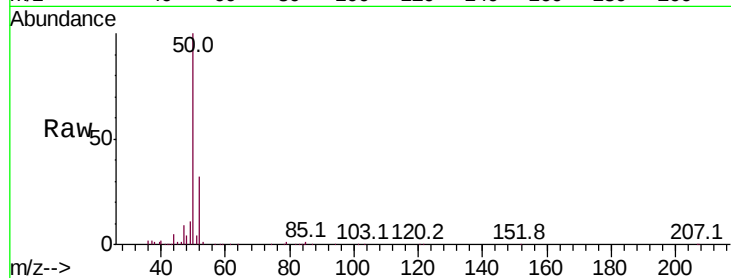
52 31.7 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.527 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012587.D

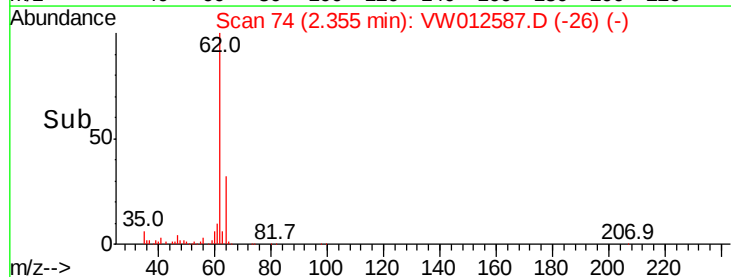
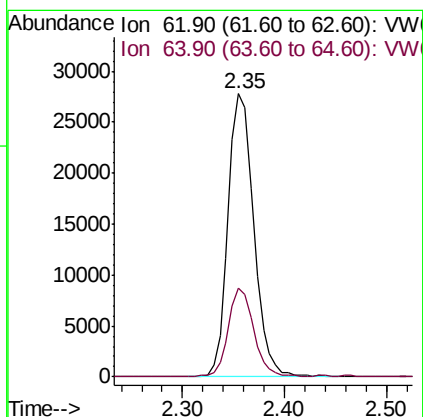
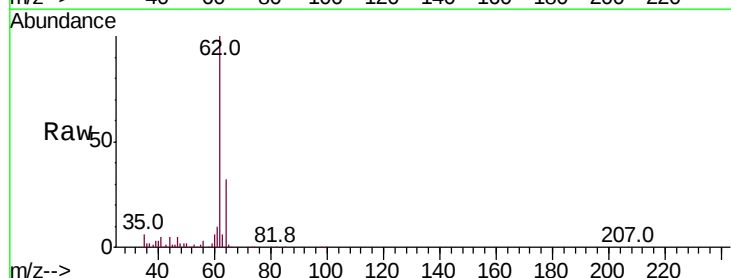
Acq: 04 Sep 2019 11:57

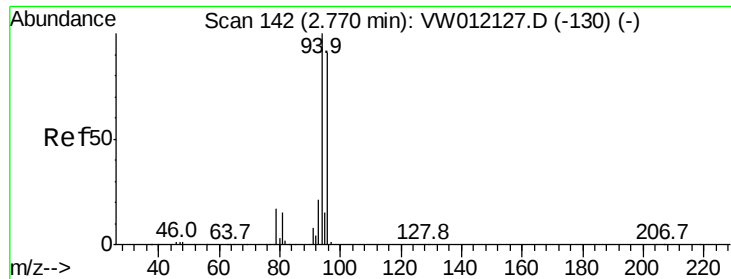
Tgt Ion: 62 Resp: 48623

Ion Ratio Lower Upper

62 100

64 31.5 25.3 37.9





#5

Bromomethane

Concen: 14.037 ug/l

RT: 2.73 min Scan# 136

Delta R.T. -0.04 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD01

Tot Ion: 94 Resp: 18658

Ion Ratio Lower Upper

94 100

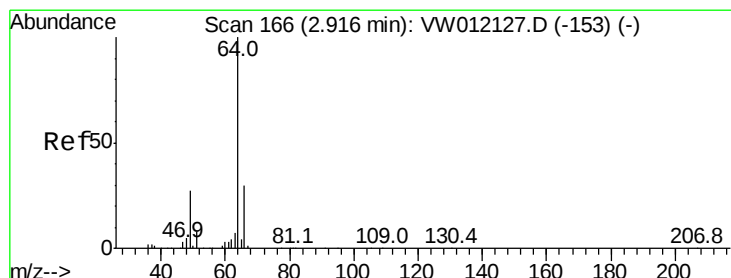
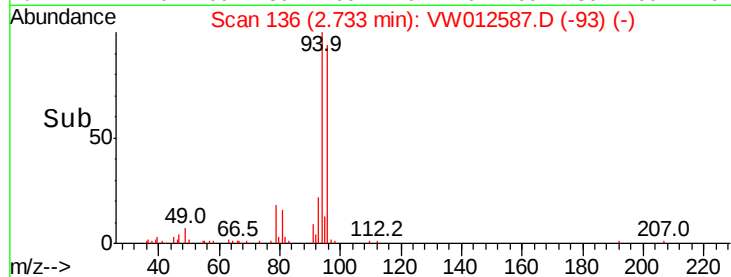
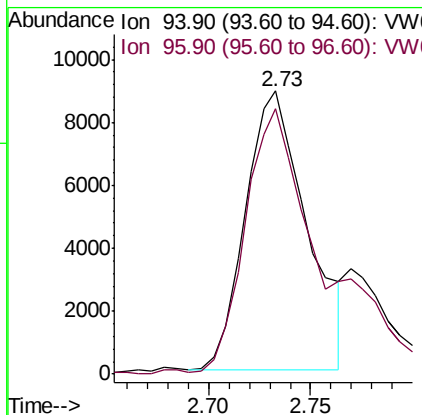
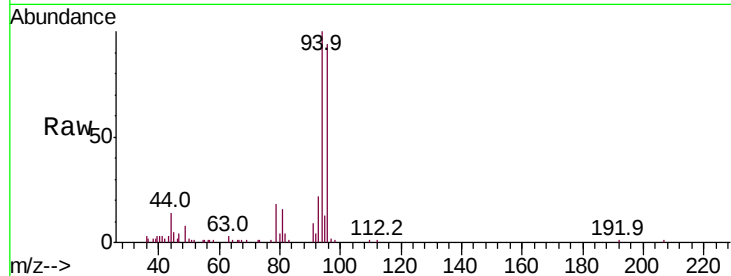
96 94.2 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 18.582 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012587.D

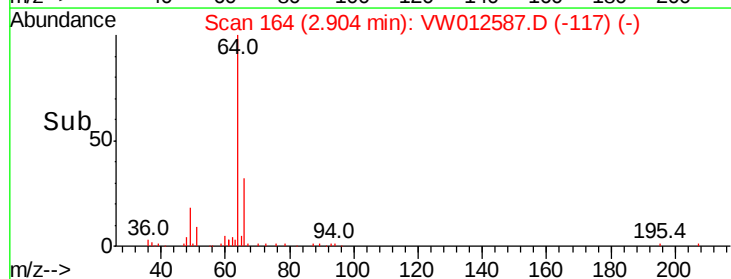
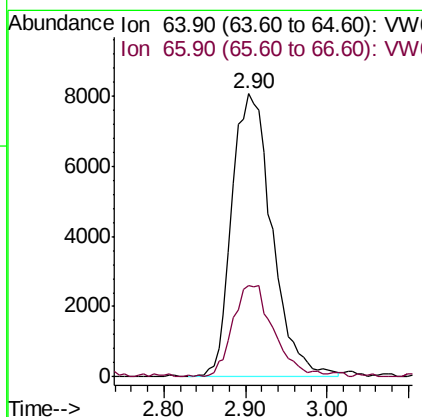
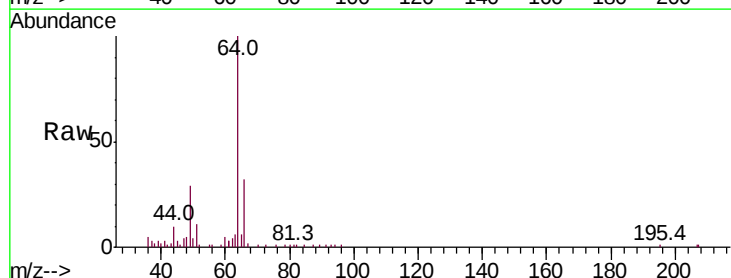
Acq: 04 Sep 2019 11:57

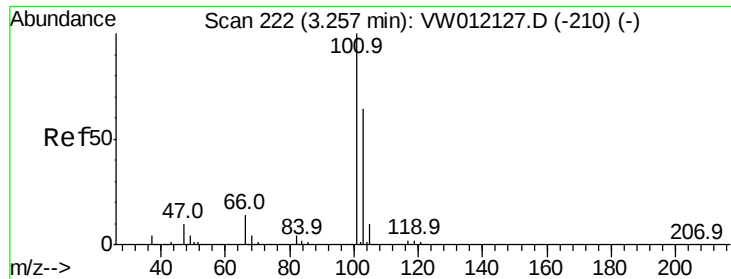
Tgt Ion: 64 Resp: 27511

Ion Ratio Lower Upper

64 100

66 31.8 23.8 35.8





#7

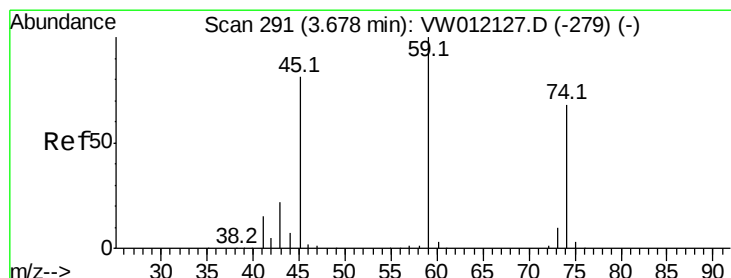
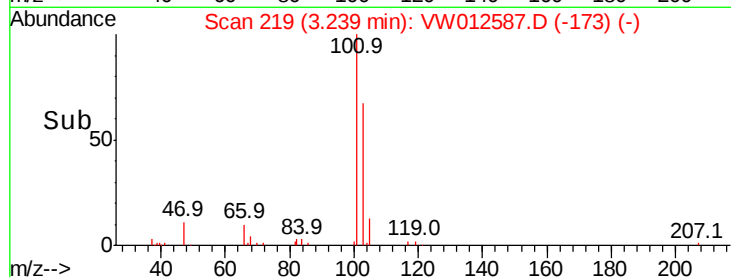
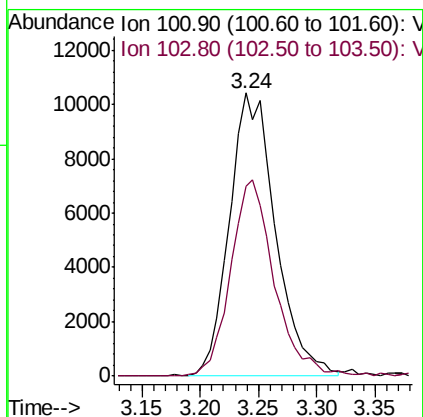
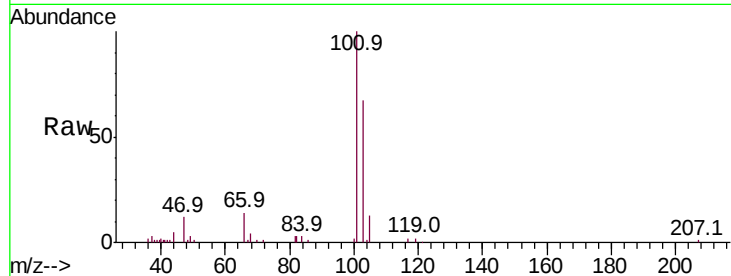
Trichlorofluoromethane
 Concen: 21.814 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.02 min
 Lab File: VW012587.D
 Acq: 04 Sep 2019 11:57

Instrument :
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 ClientSampleId :
 VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	51.2	76.8

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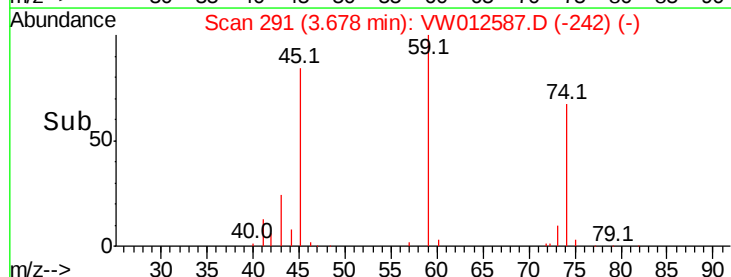
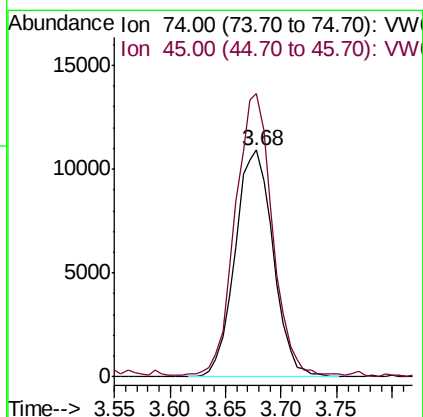
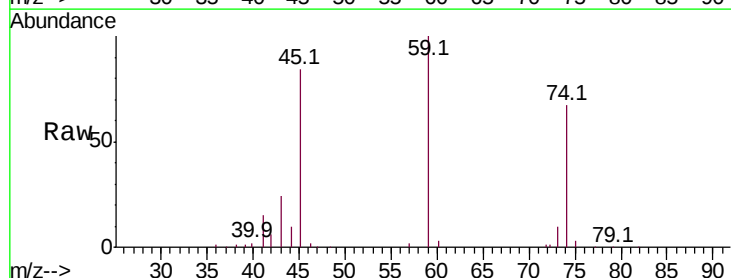
MMDadoda
 9/7/2019 12:46:11 AM

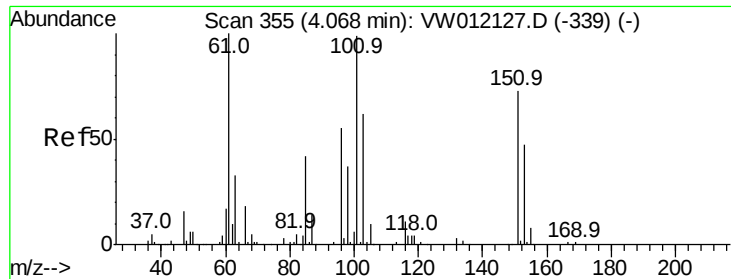


#8

Diethyl Ether
 Concen: 20.654 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012587.D
 Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	121.7	59.2	177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.621 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

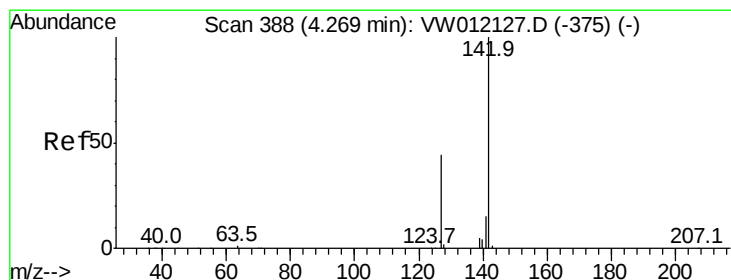
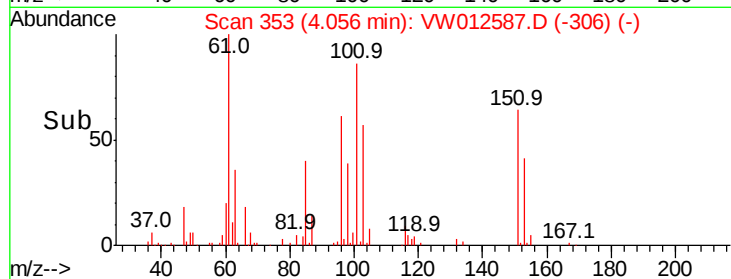
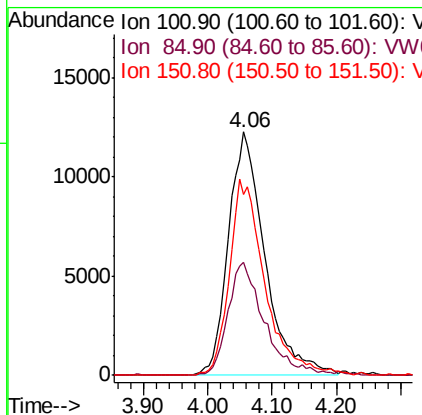
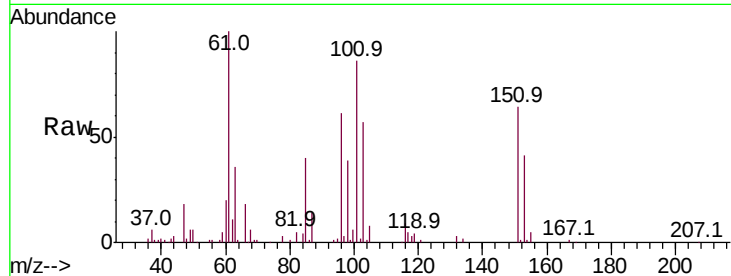
ClientSampleId :

VW0904SBSD01

Tot Ion:	101	Resp:	48432
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.8	53.6
151	76.9	58.6	87.8

Manual Integrations
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#10

Methyl Iodide

Concen: 20.403 ug/l

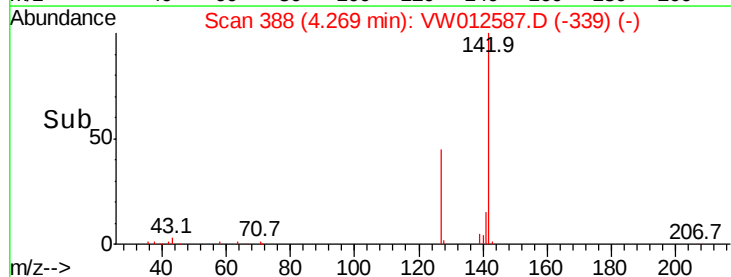
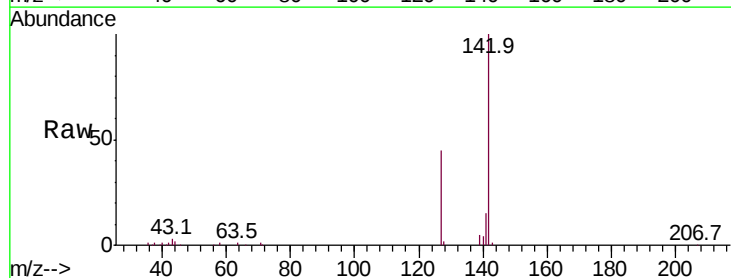
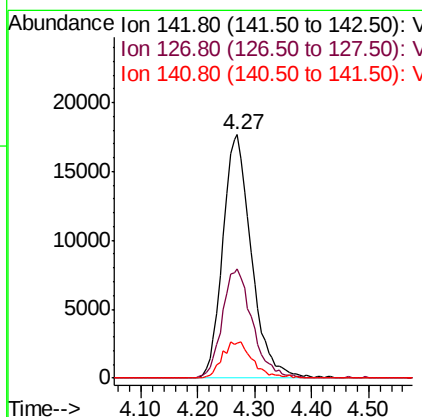
RT: 4.27 min Scan# 388

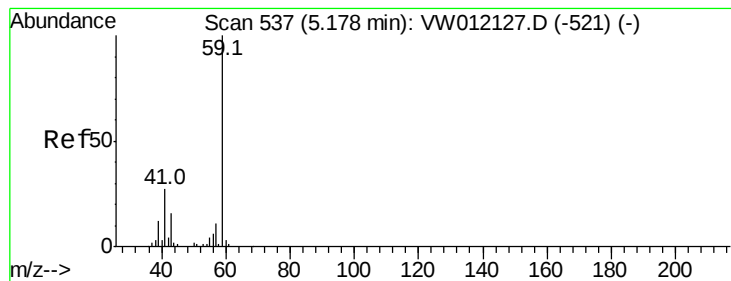
Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Tgt Ion:	142	Resp:	61839
Ion Ratio	Lower	Upper	
142	100		
127	46.9	35.5	53.3
141	15.8	11.8	17.8





#11

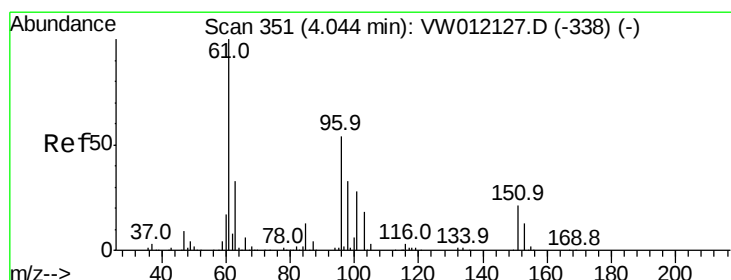
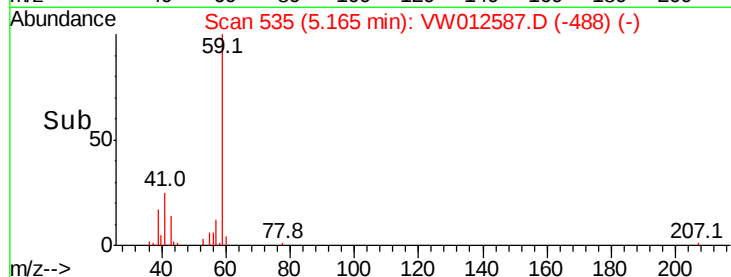
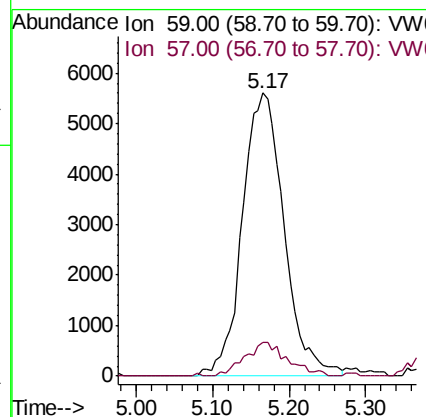
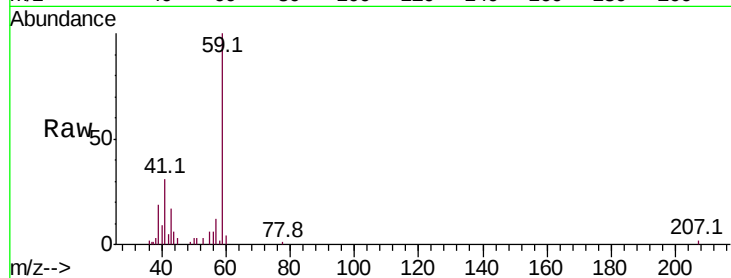
Tert butyl alcohol
 Concen: 132.237 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW012587.D
 Acq: 04 Sep 2019 11:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.3	9.0	13.4

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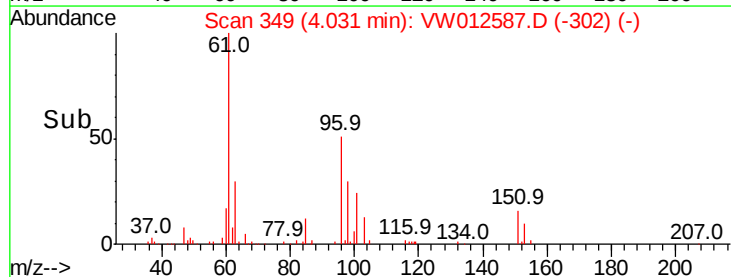
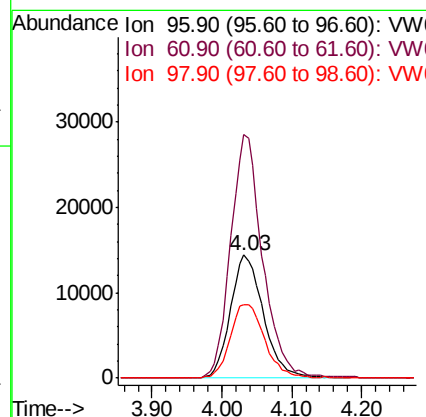
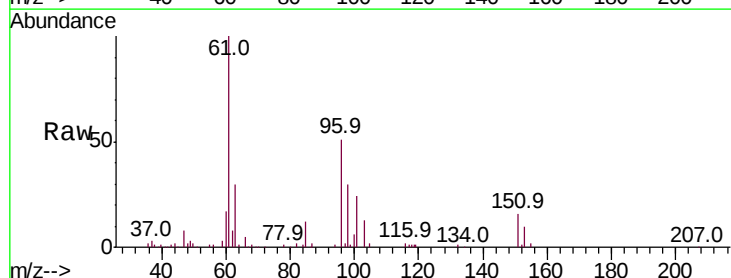
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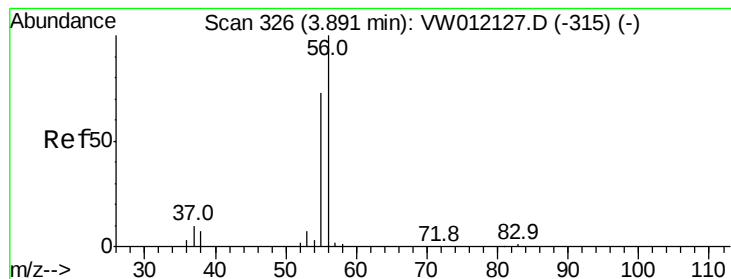


#12

1,1-Dichloroethene
 Concen: 20.938 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW012587.D
 Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	197.5	149.1	223.7
98	59.8	49.4	74.2





#13

Acrolein

Concen: 71.317 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD01

Tot Ion: 56 Resp: 10795

Ion Ratio Lower Upper

56 100

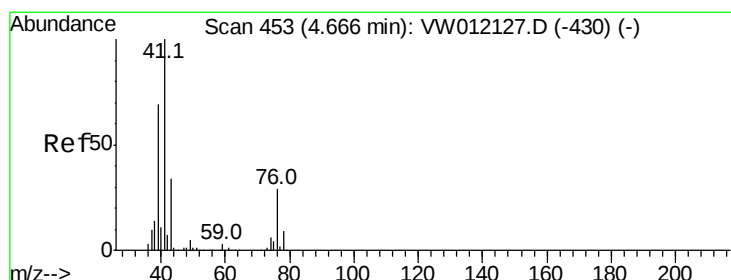
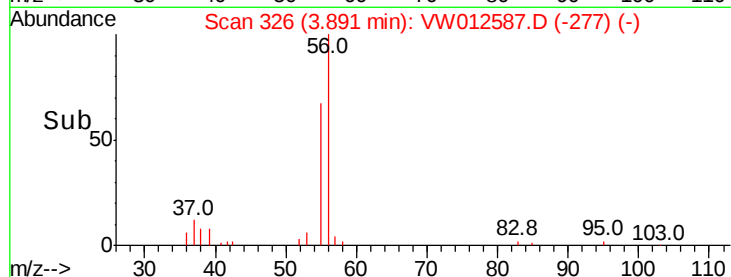
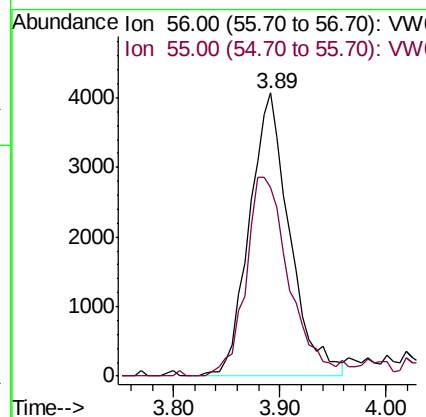
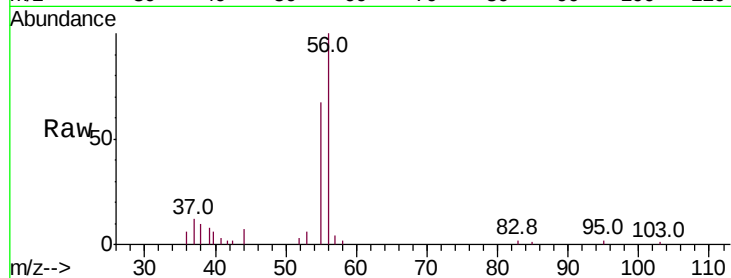
55 74.6 55.8 83.8

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#14

Allyl chloride

Concen: 19.880 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

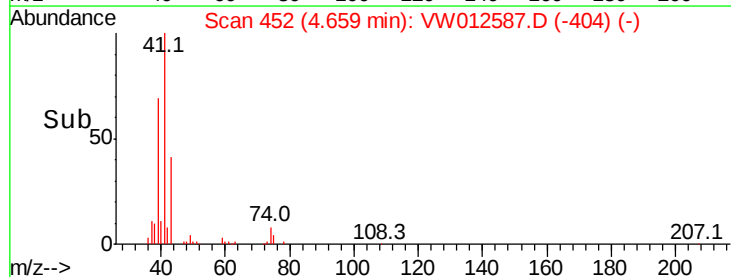
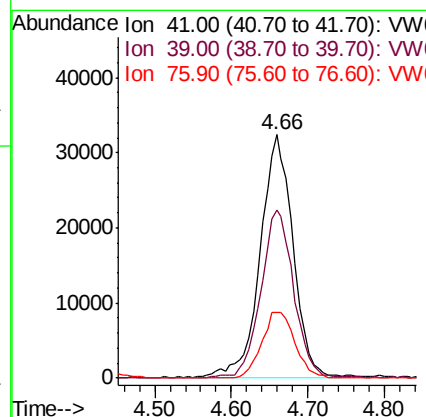
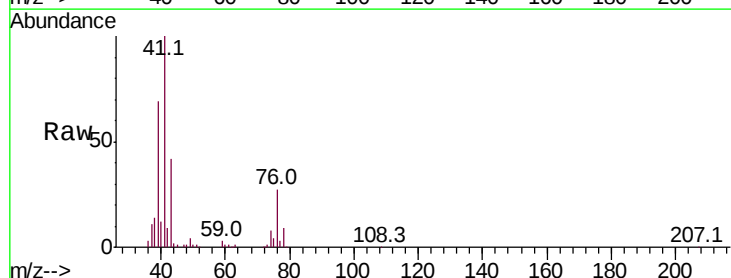
Tgt Ion: 41 Resp: 95823

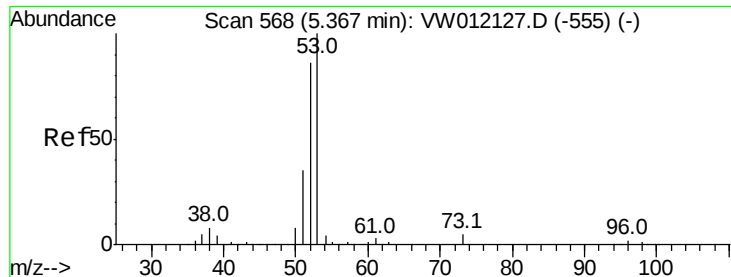
Ion Ratio Lower Upper

41 100

39 70.0 53.4 80.2

76 27.7 22.1 33.1





#15

Acrylonitrile

Concen: 115.432 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

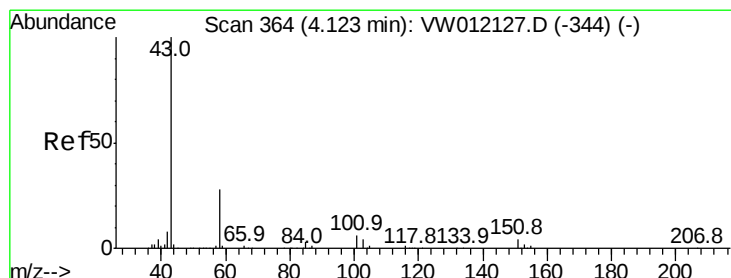
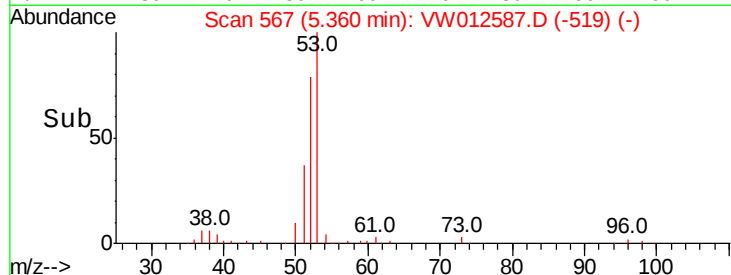
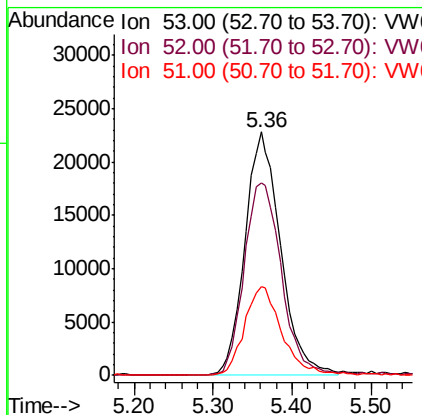
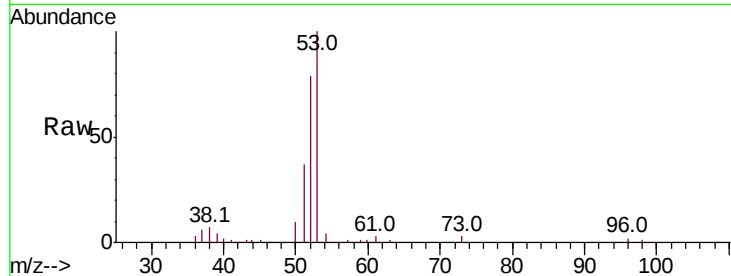
ClientSampleId :

VW0904SBSD01

Tot Ion:	53	Resp:	71569
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.7	100.1
51	38.2	30.1	45.1

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#16

Acetone

Concen: 116.609 ug/l

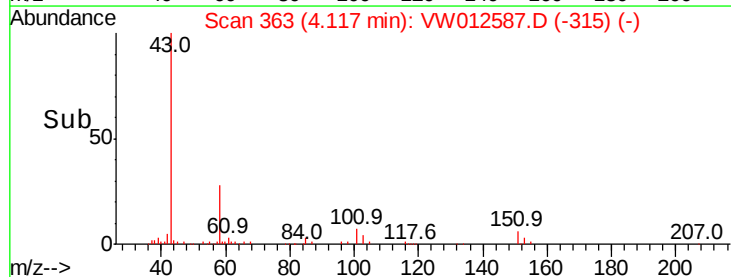
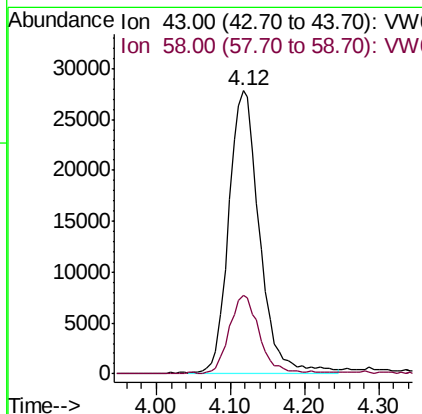
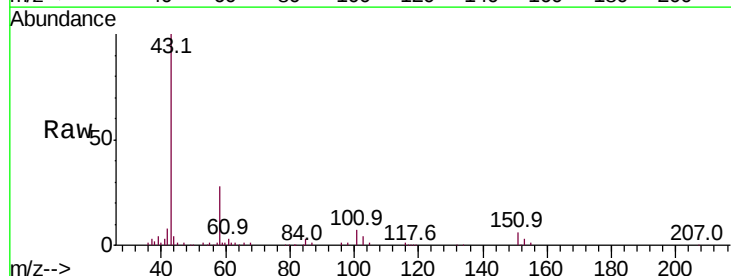
RT: 4.12 min Scan# 363

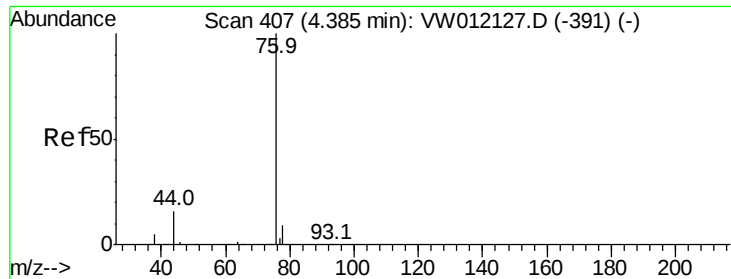
Delta R.T. -0.01 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Tgt Ion:	43	Resp:	79647
Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.4	33.6





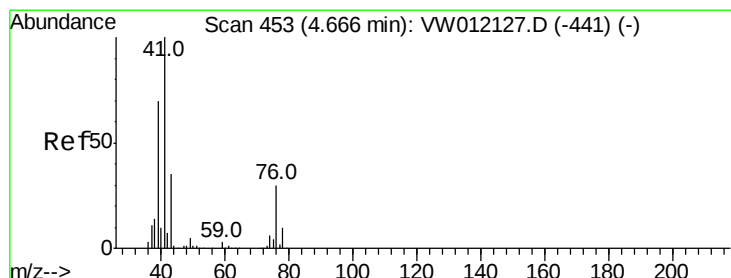
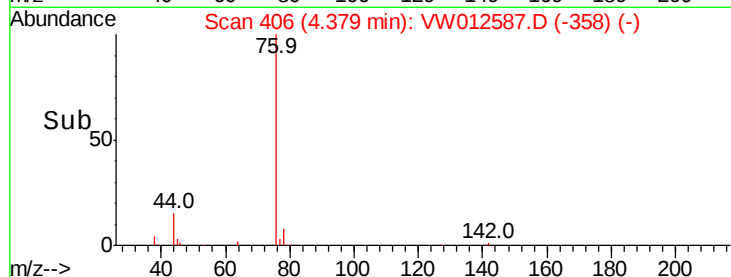
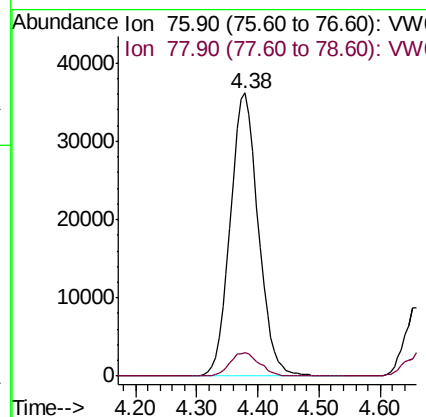
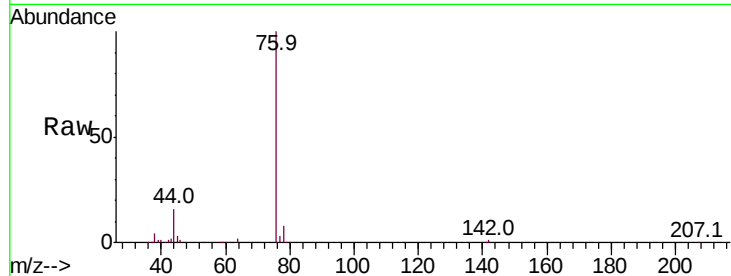
#17
Carbon Disulfide
Concen: 16.737 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.3	10.9

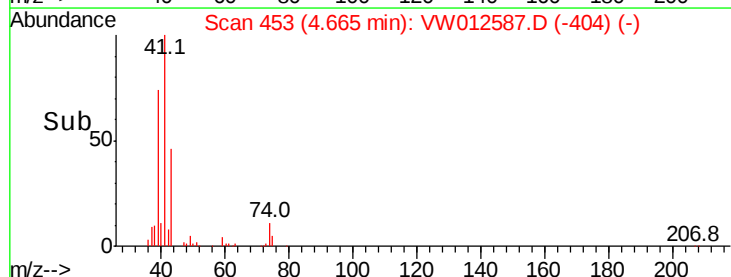
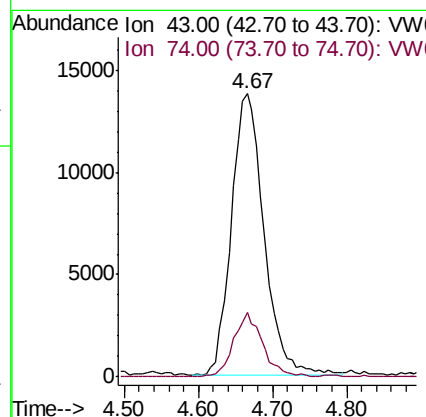
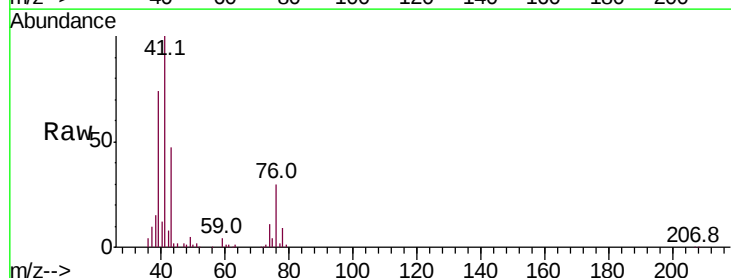
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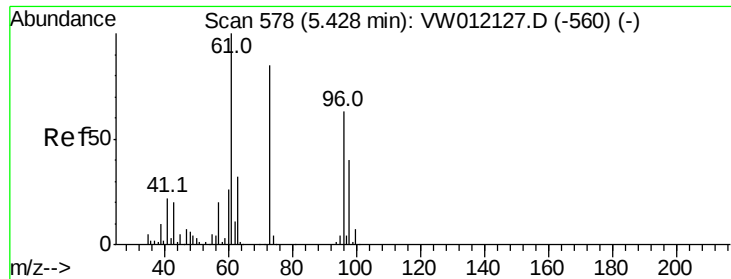
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#18
Methyl Acetate
Concen: 24.861 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.4	15.7	23.5





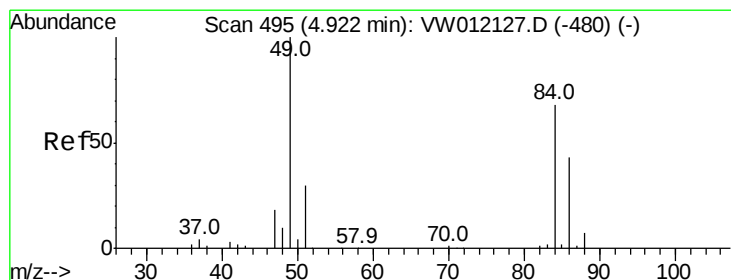
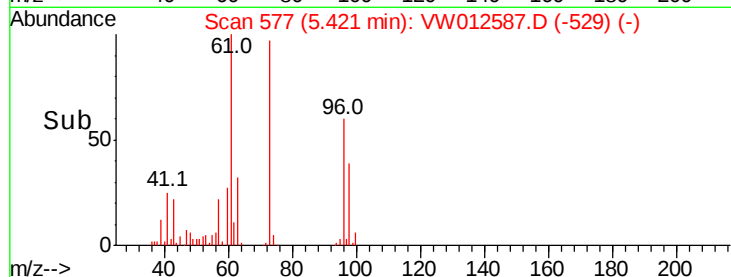
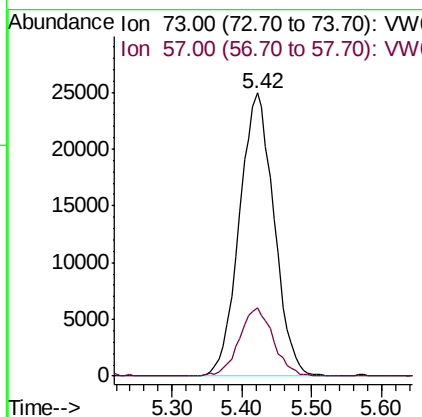
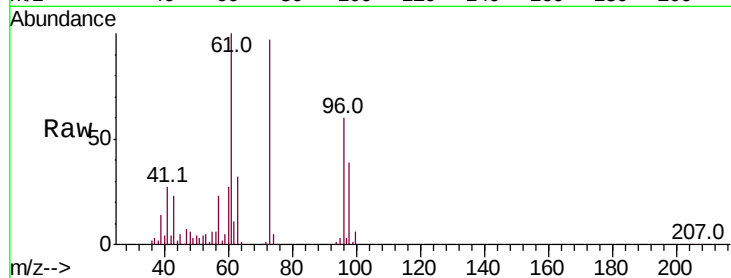
#19
Methvl tert-butvl Ether
Concen: 23.485 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion: 73 Resp: 85627
Ion Ratio Lower Upper
73 100
57 24.1 18.9 28.3

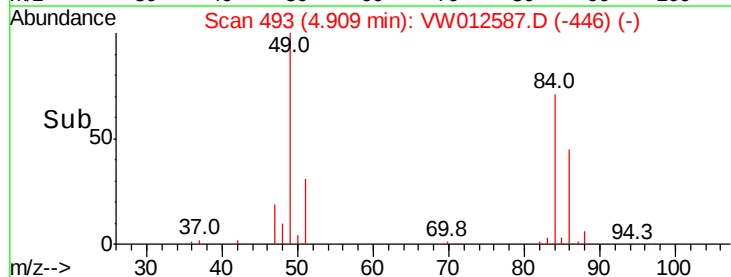
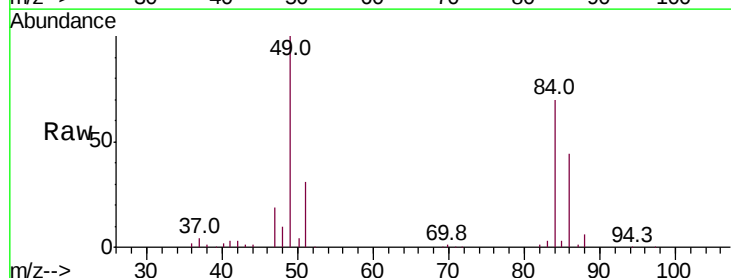
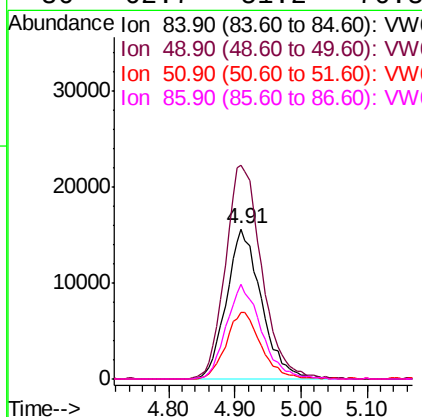
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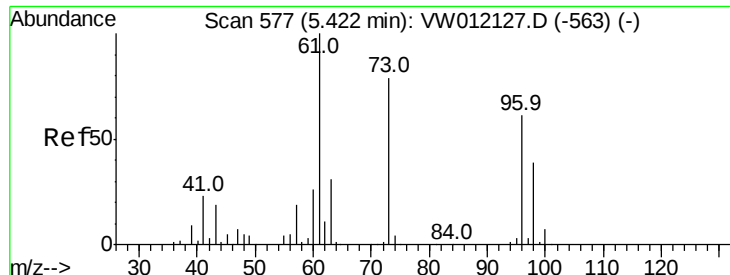
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#20
Methylene Chloride
Concen: 22.091 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Tgt Ion: 84 Resp: 57041
Ion Ratio Lower Upper
84 100
49 141.7 117.8 176.8
51 43.9 35.6 53.4
86 62.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.295 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

ClientSampled :

VW0904SBSD01

Tot Ion: 96 Resp: 49069

Ion Ratio Lower Upper

96 100

61 166.5 131.4 197.0

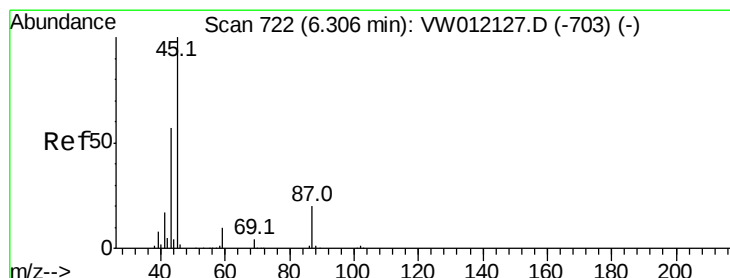
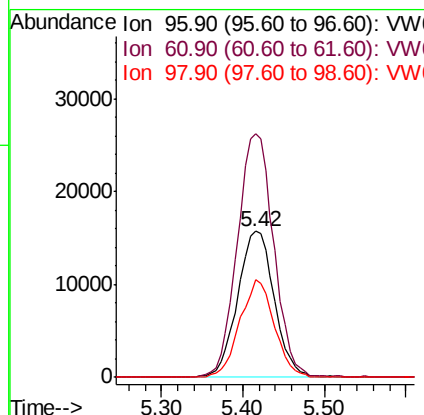
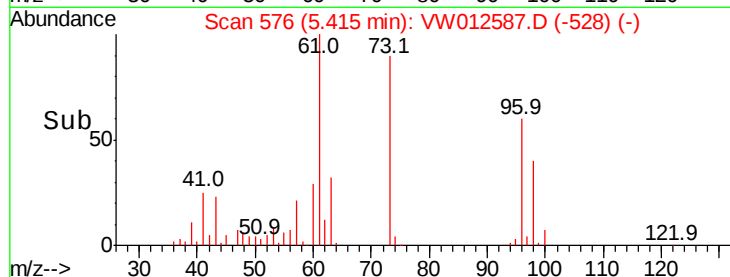
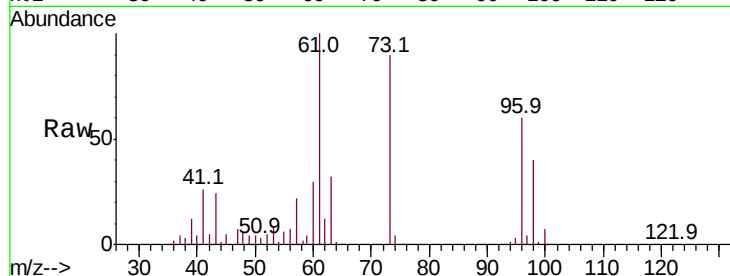
98 66.8 51.4 77.0

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#22

Diisopropyl ether

Concen: 21.994 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Tgt Ion: 45 Resp: 196505

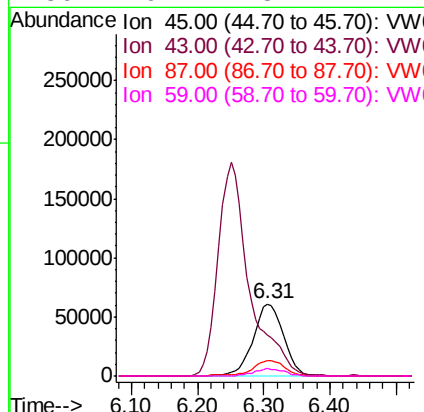
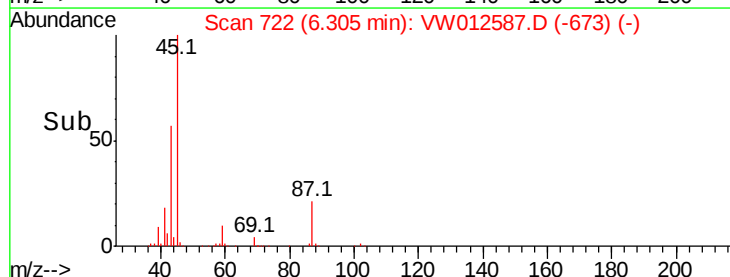
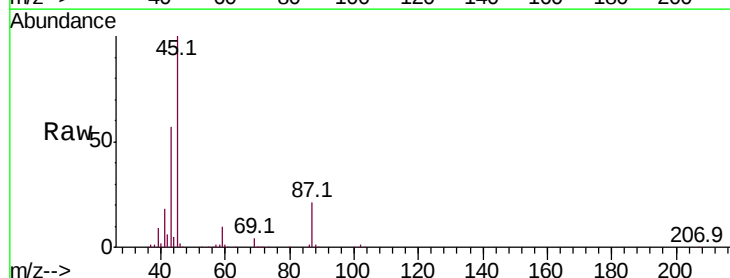
Ion Ratio Lower Upper

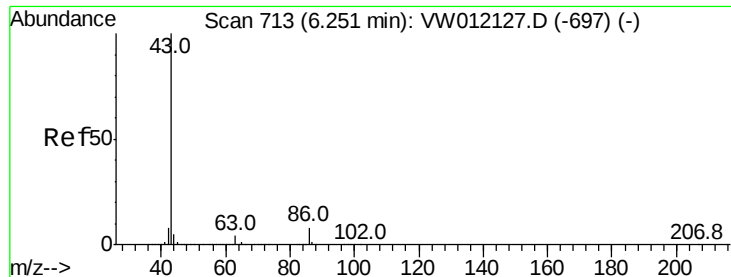
45 100

43 56.4 45.5 68.3

87 20.9 16.1 24.1

59 10.4 8.2 12.2





#23

Vinyl Acetate

Concen: 108.494 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD01

Tot Ion: 43 Resp: 596539

Ion Ratio Lower Upper

43 100

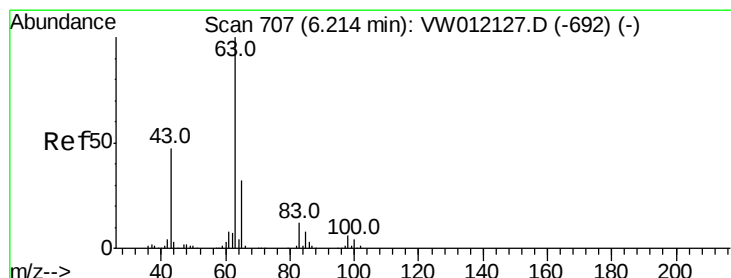
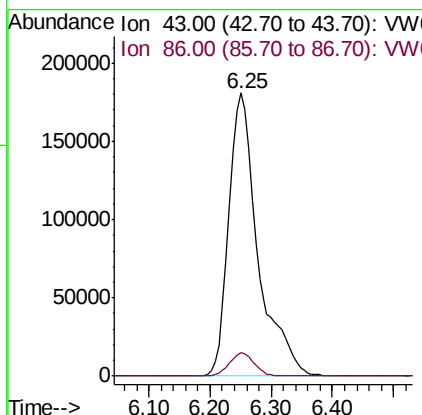
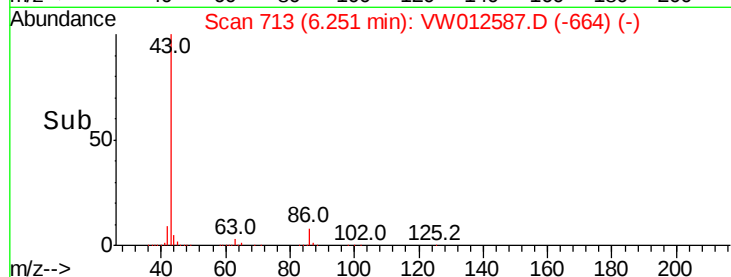
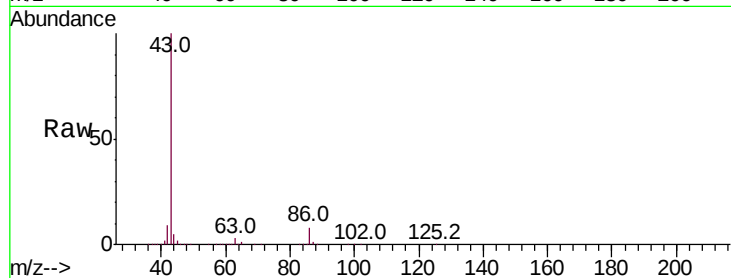
86 8.1 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 21.842 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

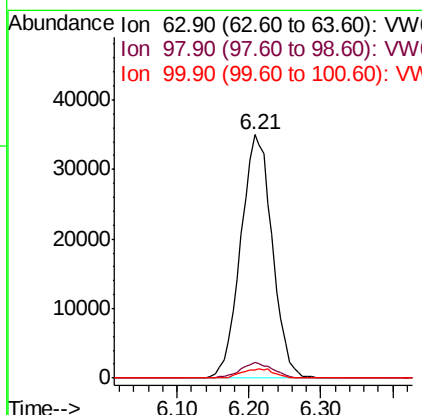
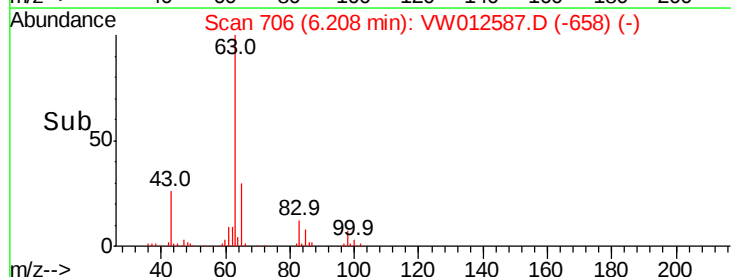
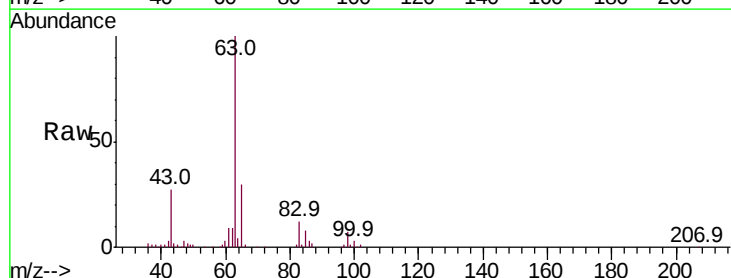
Tgt Ion: 63 Resp: 106251

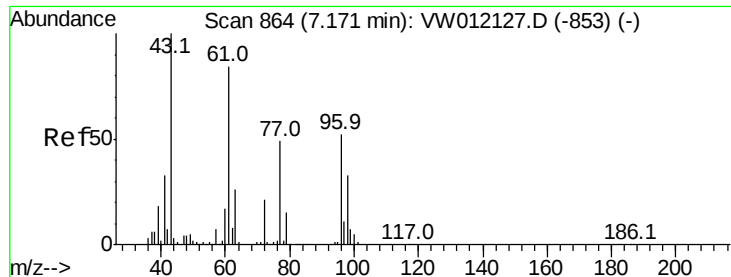
Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

100 3.4 2.0 6.0





#25

2-Butanone

Concen: 116.281 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

ClientSampled :

VW0904SBSD01

Tot Ion: 43 Resp: 107927

Ion Ratio Lower Upper

43 100

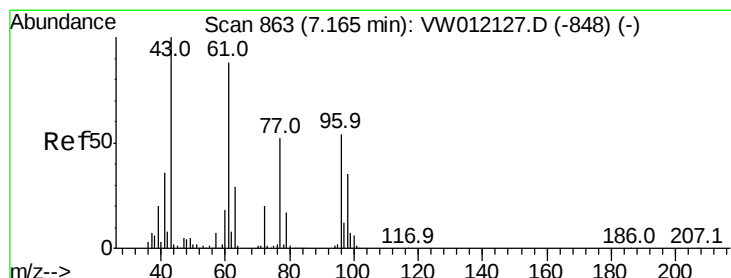
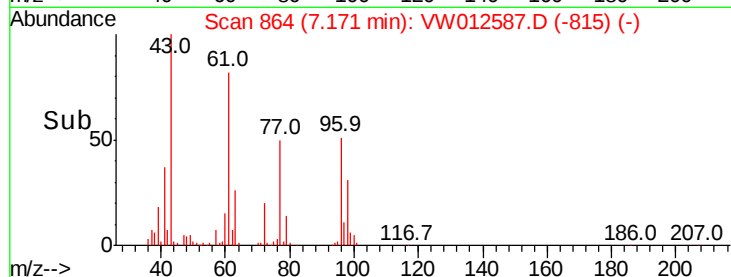
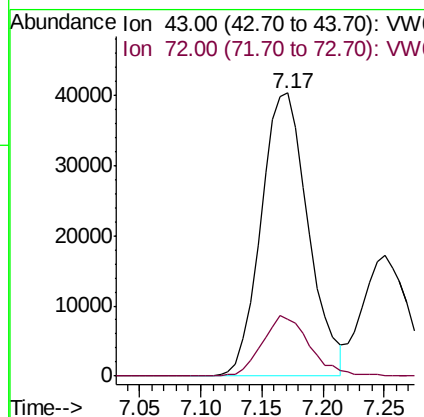
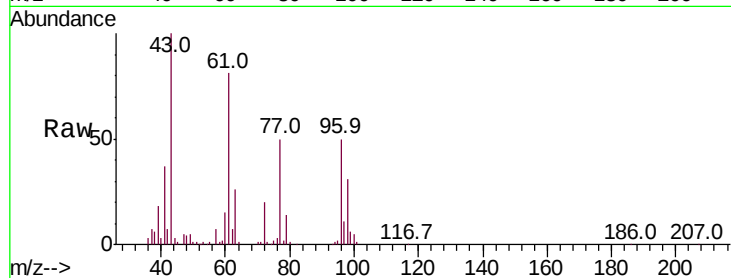
72 20.2 16.6 24.8

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#26

2,2-Dichloropropane

Concen: 22.920 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012587.D

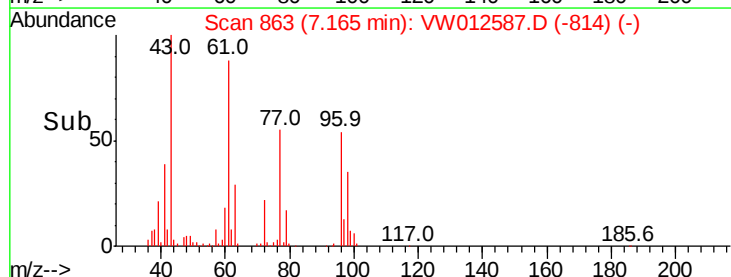
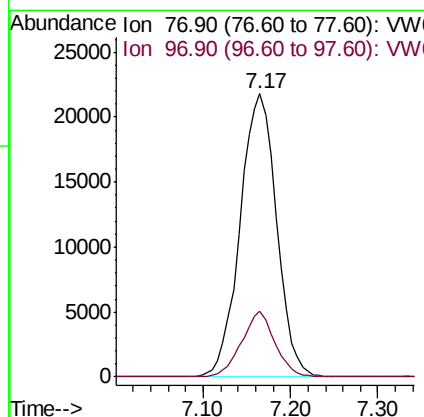
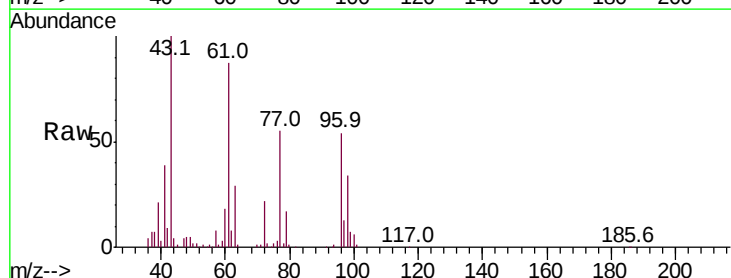
Acq: 04 Sep 2019 11:57

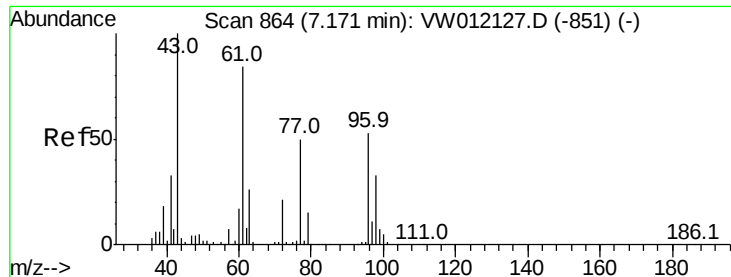
Tgt Ion: 77 Resp: 63108

Ion Ratio Lower Upper

77 100

97 21.0 11.1 33.1





#27

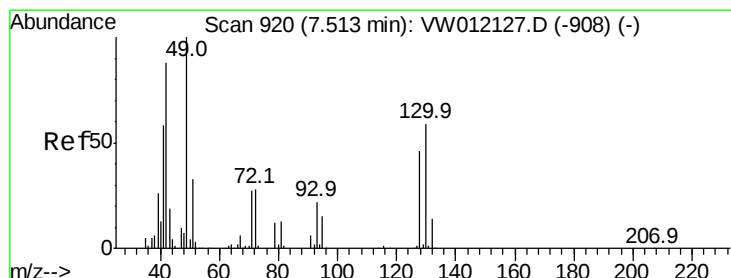
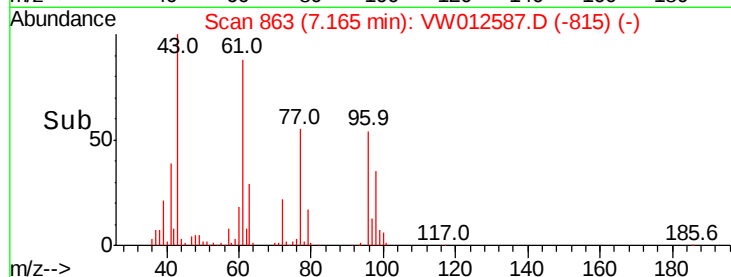
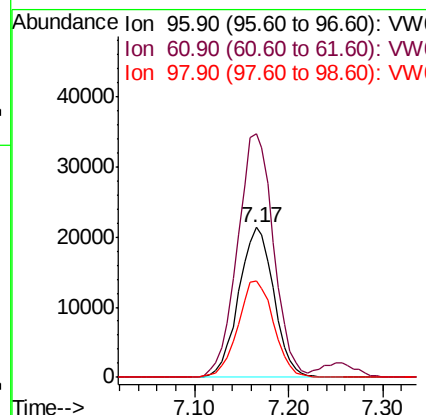
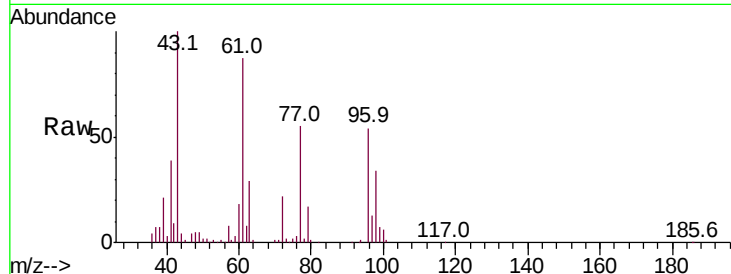
cis-1,2-Dichloroethene
 Concen: 21.520 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012587.D
 Acq: 04 Sep 2019 11:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	166.8	0.0	326.6	
98	65.5	0.0	127.4	

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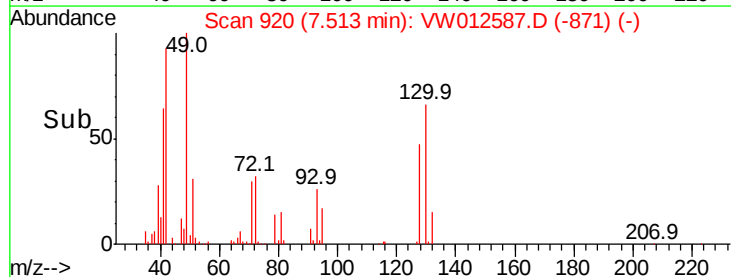
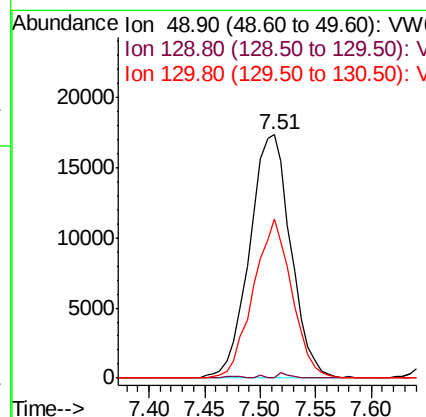
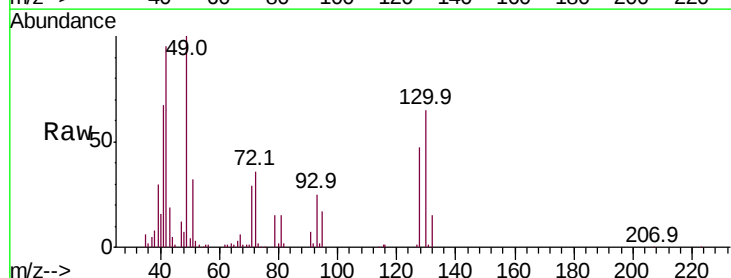
MMDadoda
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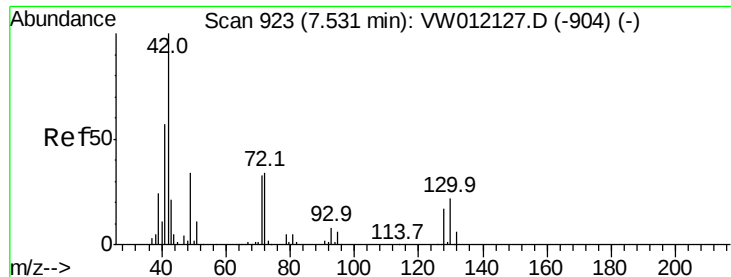


#28

Bromochloromethane
 Concen: 21.070 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012587.D
 Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.6	0.0	1.4	
130	61.1	45.5	68.3	





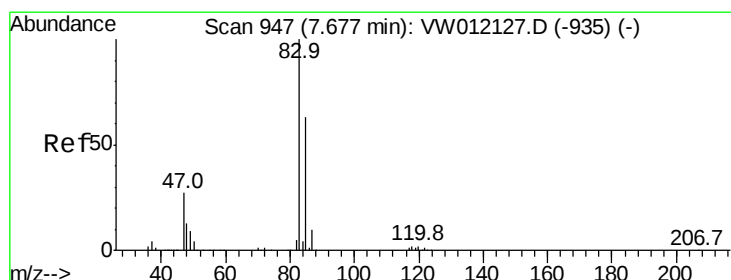
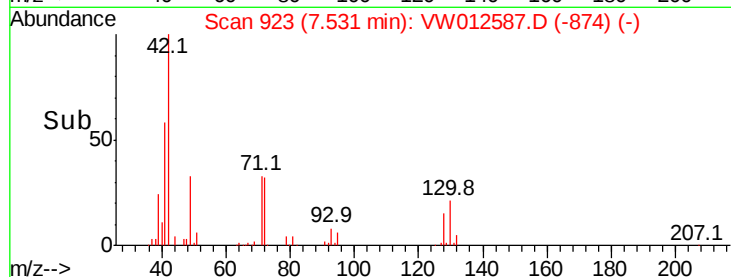
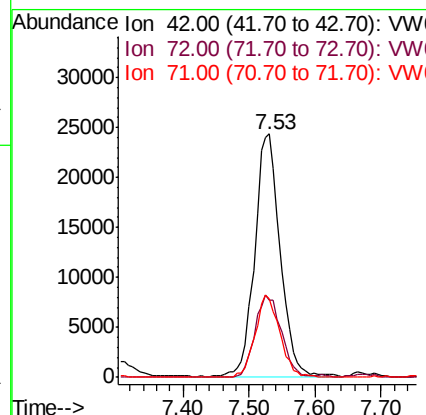
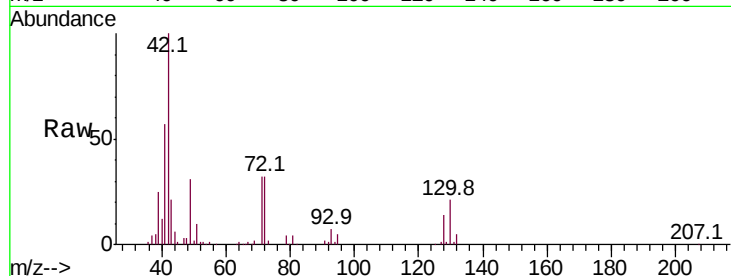
#29
Tetrahydrofuran
Concen: 118.893 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.5	27.3	40.9
71	32.2	25.5	38.3

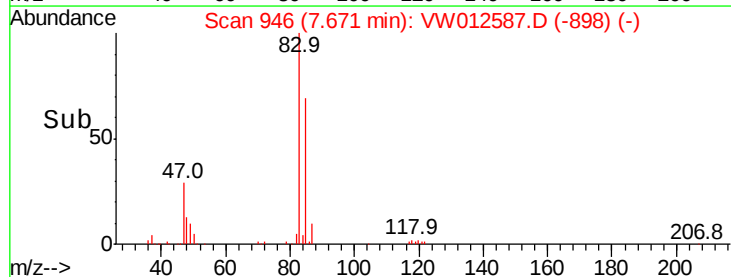
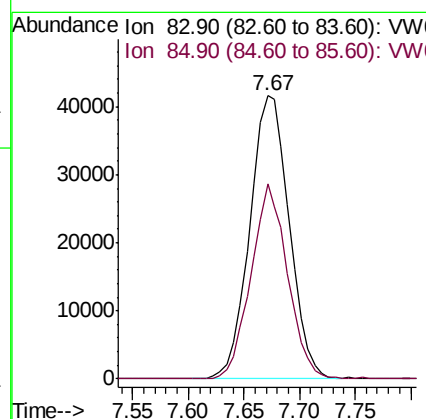
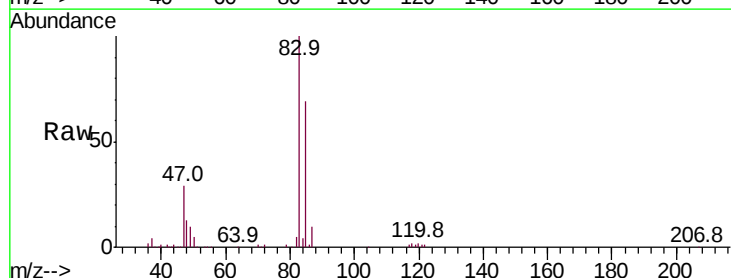
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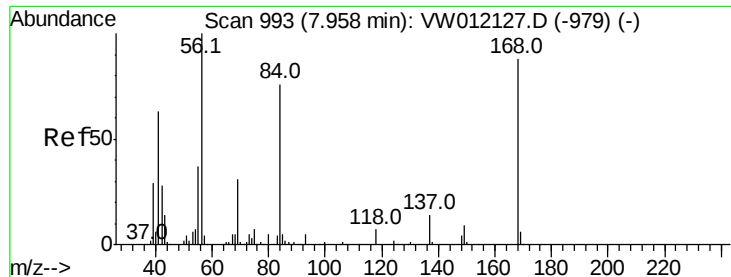
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#30
Chloroform
Concen: 23.004 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.8	50.6	76.0





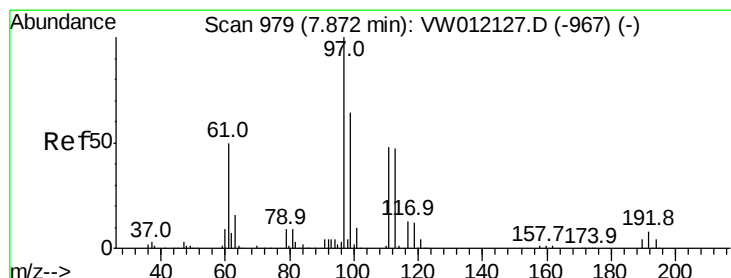
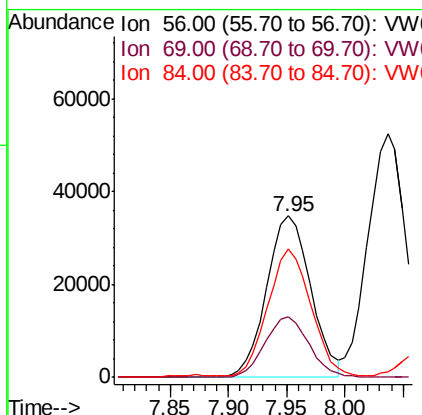
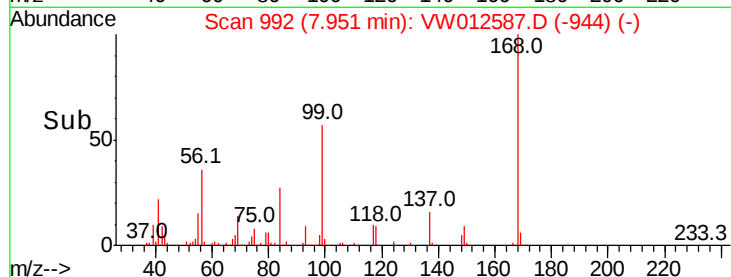
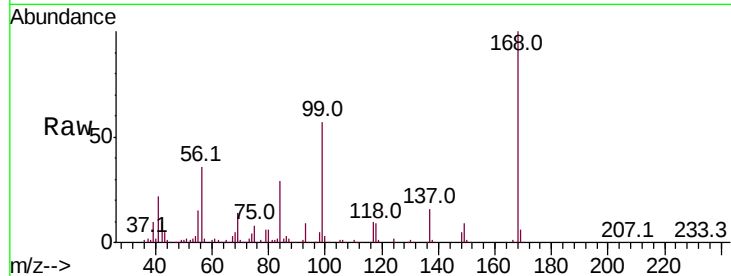
#31
Cyclohexane
Concen: 18.939 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Instrument :
MSVOA_W
ClientSampled :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.9	24.9	37.3#
84	78.2	60.6	90.8

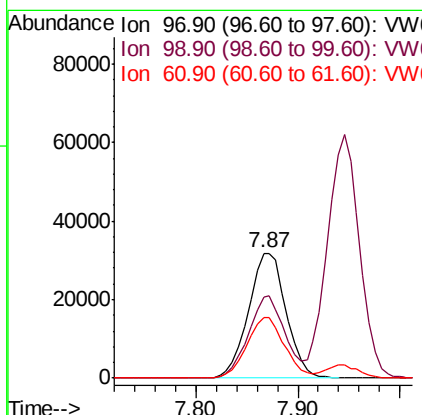
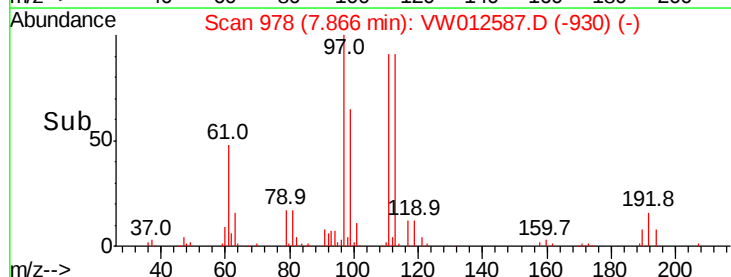
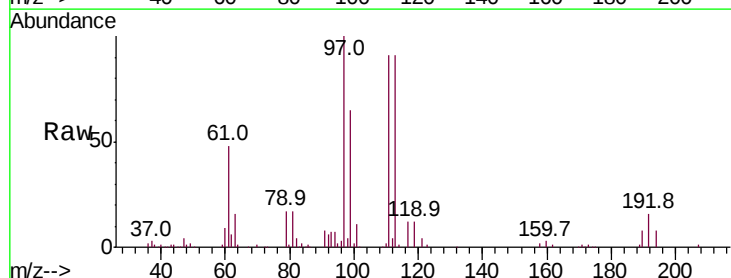
Manual Integrations
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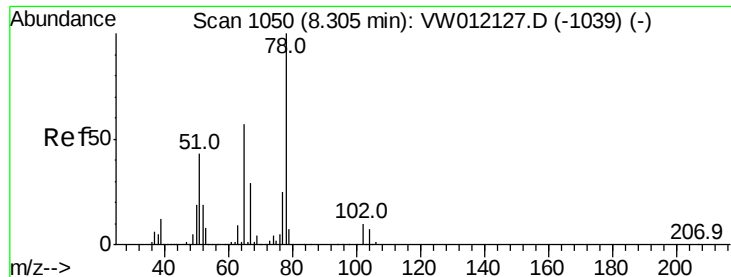
MMDadoda
9/7/2019 12:46:11 AM



#32
1,1,1-Trichloroethane
Concen: 23.172 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.4	77.0
61	48.7	39.5	59.3





#33

1,2-Dichloroethane-d4

Concen: 53.612 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD01

Tot Ion: 65 Resp: 143252

Ion Ratio Lower Upper

65 100

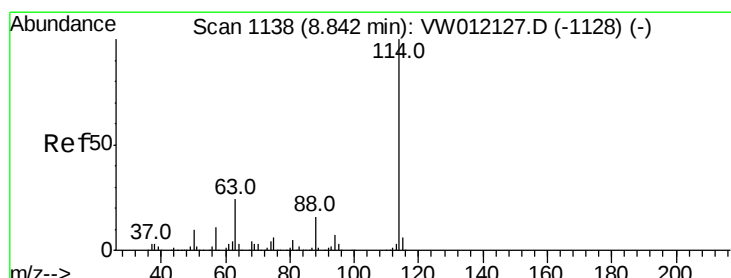
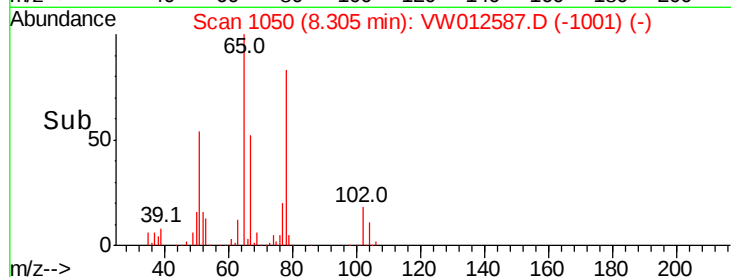
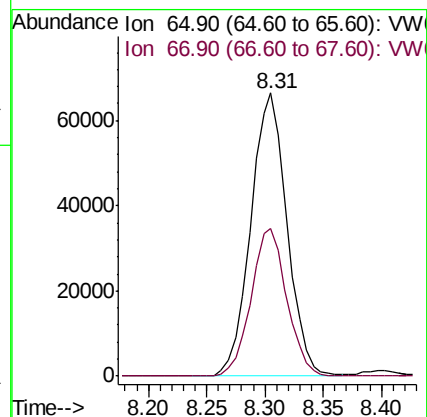
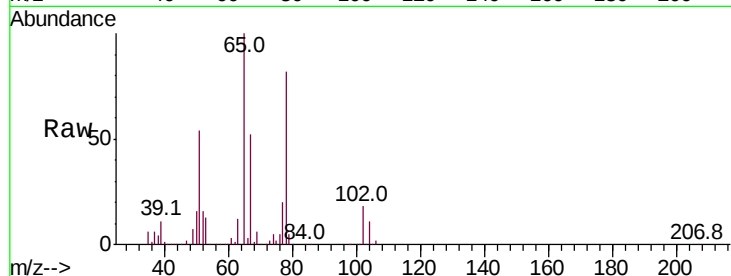
67 51.5 0.0 102.6

Manual Integrations

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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: VW012587.D

Acq: 04 Sep 2019 11:57

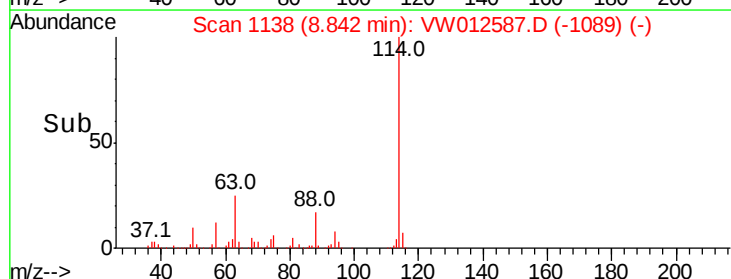
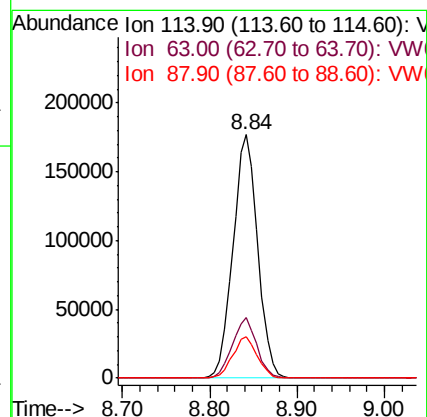
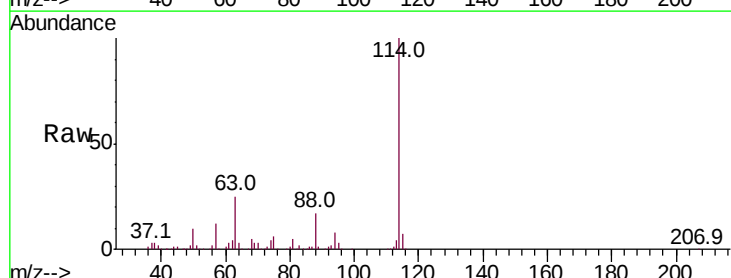
Tgt Ion: 114 Resp: 346707

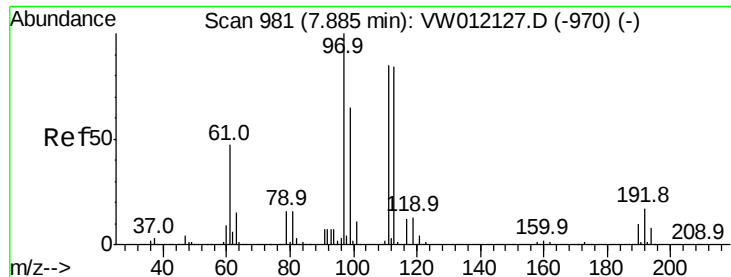
Ion Ratio Lower Upper

114 100

63 25.1 0.0 48.6

88 16.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 54.251 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

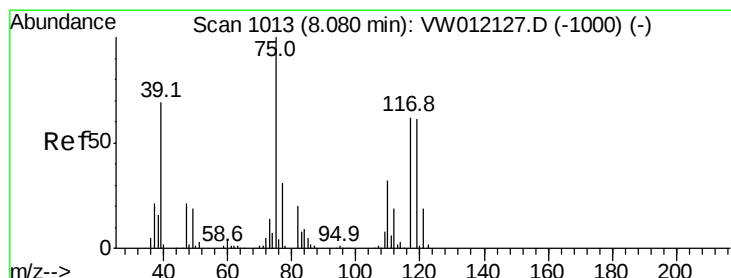
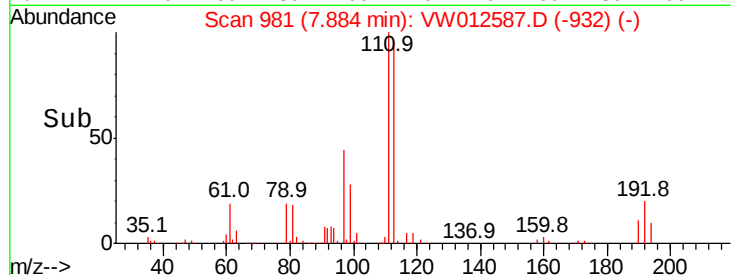
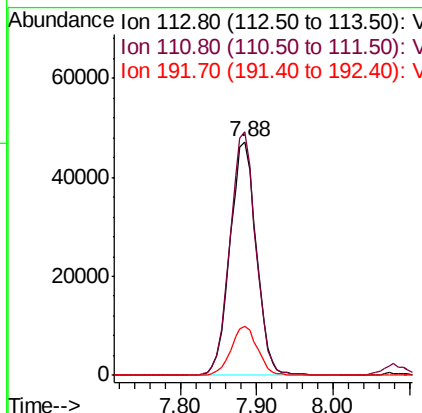
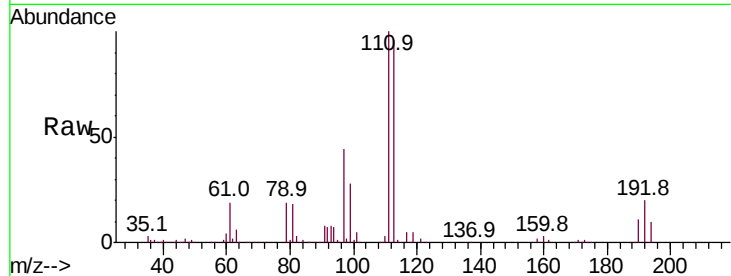
ClientSampleId :

VW0904SBSD01

Tot Ion:	113	Resp:	112273
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.7	124.1
192	21.0	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 22.108 ug/l

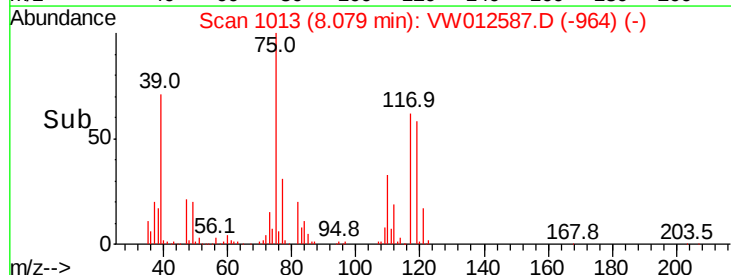
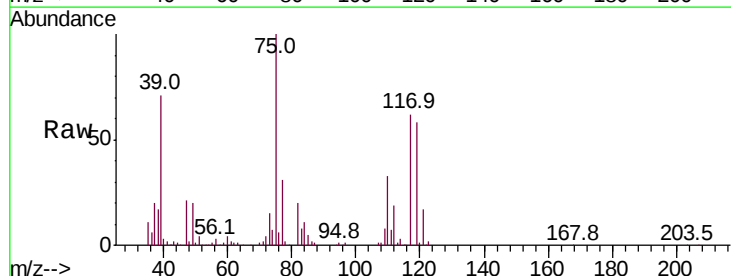
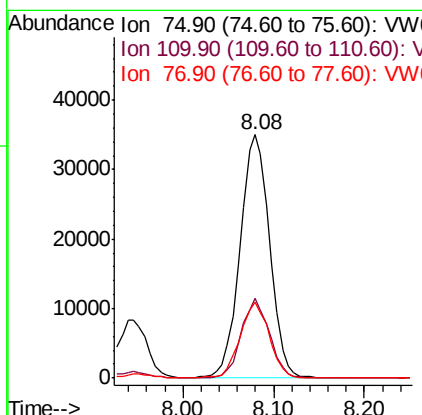
RT: 8.08 min Scan# 1013

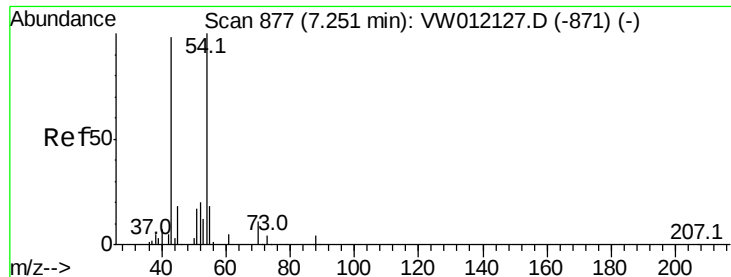
Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Tgt Ion:	75	Resp:	79208
Ion Ratio	Lower	Upper	
75	100		
110	31.2	15.6	46.8
77	30.8	24.6	36.8





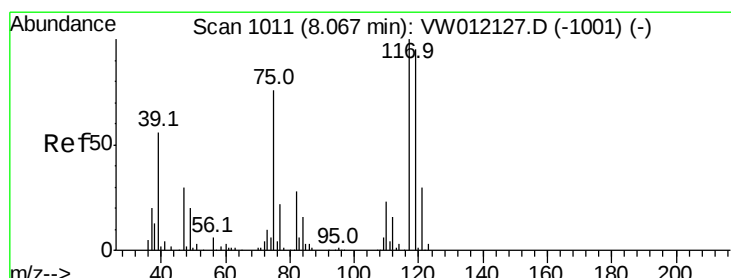
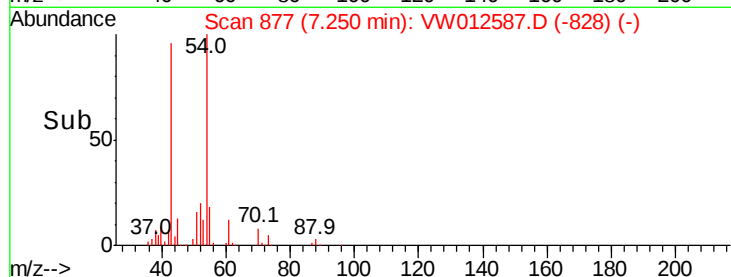
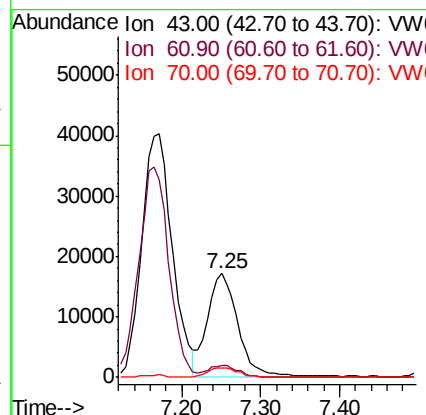
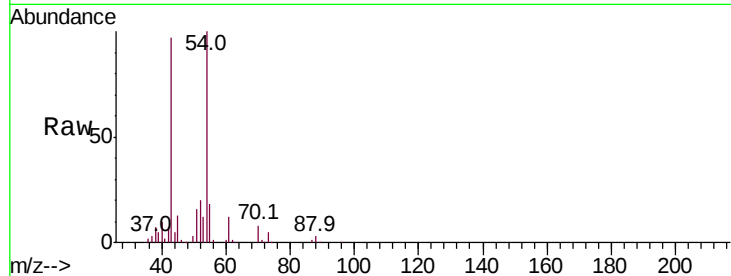
#37
Ethyl Acetate
Concen: 23.503 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Instrument :
MSVOA_W
ClientSampleID :
VW0904SBSD01

Tot Ion	43	Ratio	100	Resp	46144
Ion	43	100		Lower	Upper
	61	11.3		9.2	13.8
	70	9.4		6.9	10.3

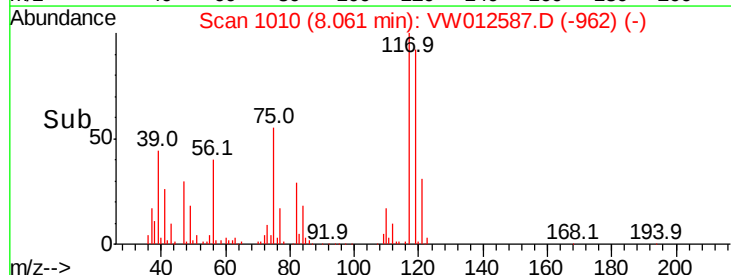
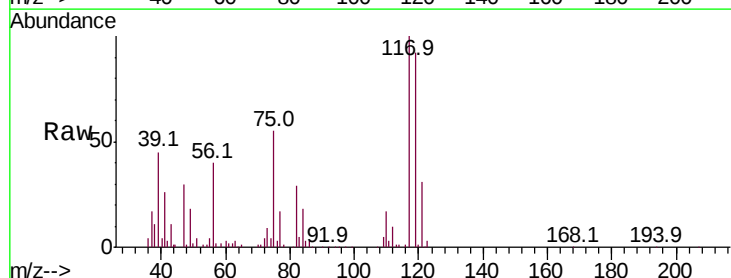
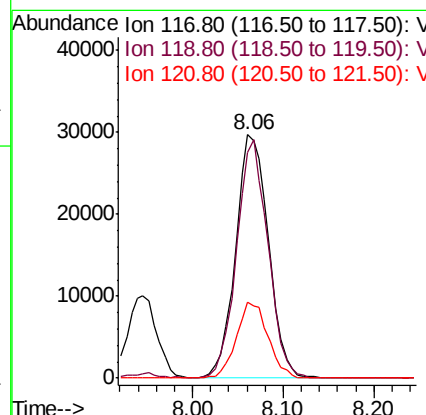
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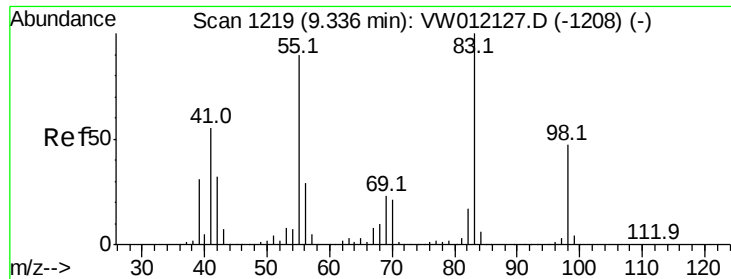
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#38
Carbon Tetrachloride
Concen: 24.172 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Tgt Ion	117	Ratio	100	Resp	74958
Ion	117	100		Lower	Upper
	119	92.4		76.2	114.2
	121	31.0		23.8	35.8





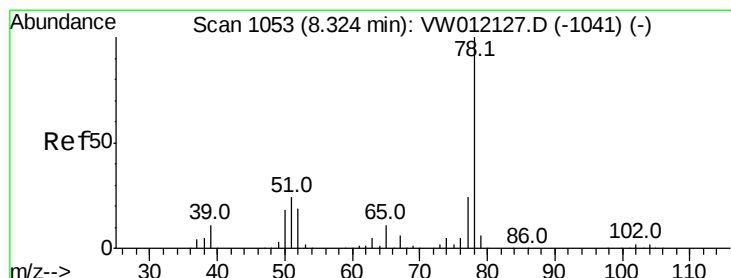
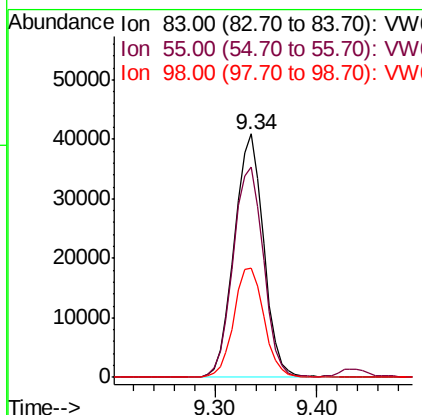
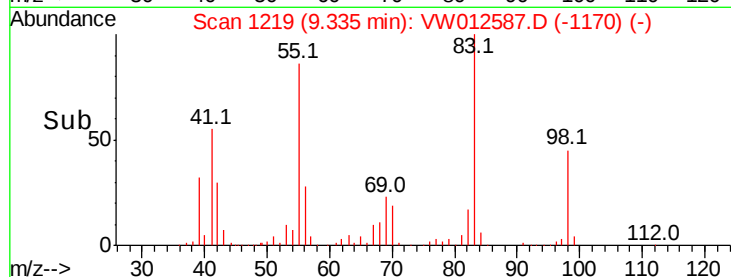
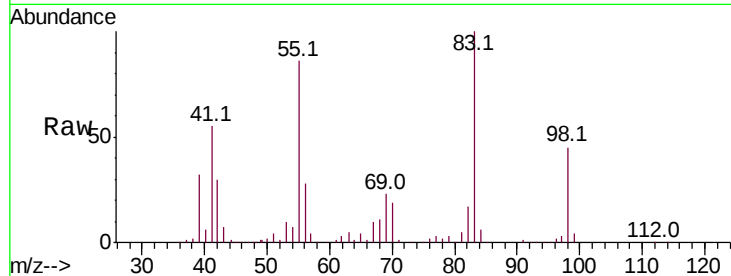
#39
Methvlcvclohexane
Concen: 20.259 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.2	71.8	107.8
98	45.1	37.8	56.8

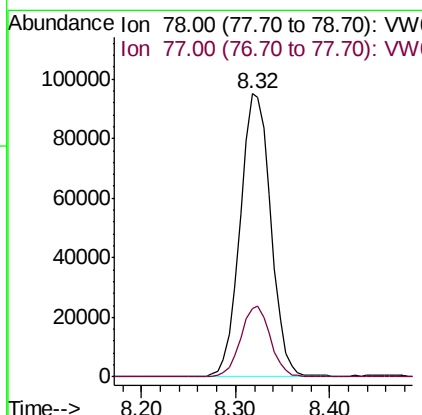
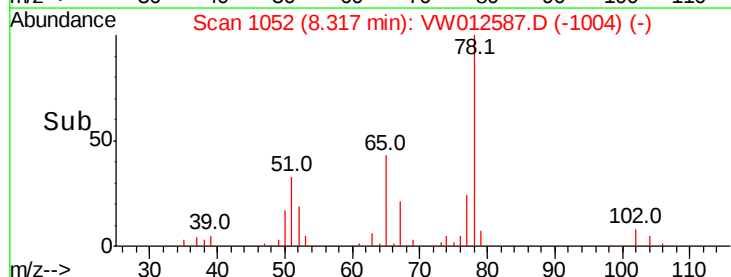
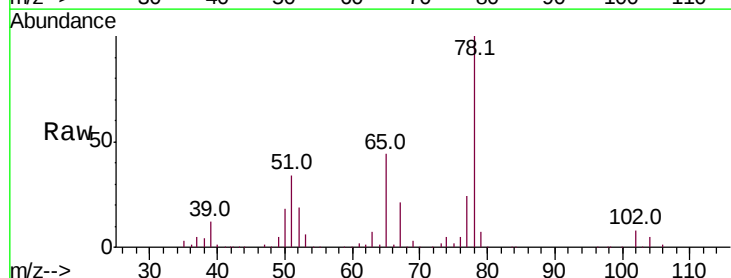
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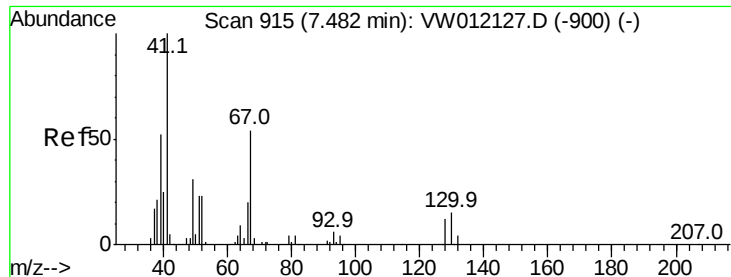
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#40
Benzene
Concen: 22.160 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.5	29.3





#41

Methacrylonitrile

Concen: 24.614 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD01

Tot Ion: 41 Resp: 28403

Ion Ratio Lower Upper

41 100

39 54.0 45.8 68.8

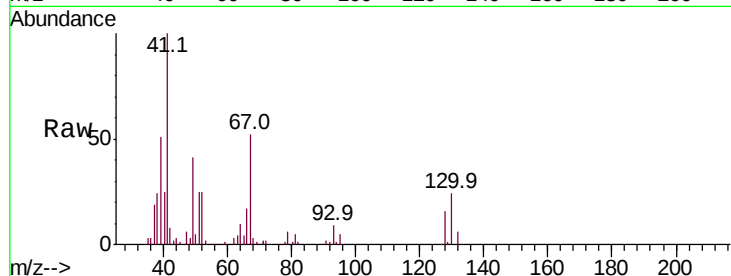
67 55.7 46.2 69.4

52 26.4 21.0 31.6

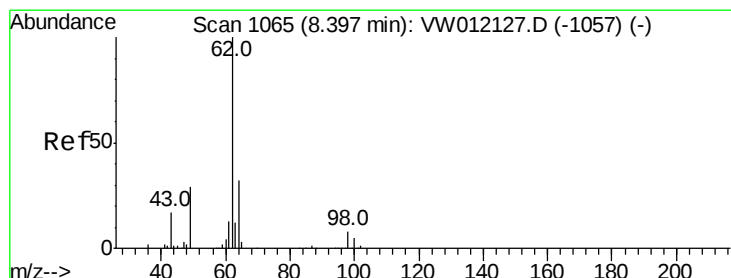
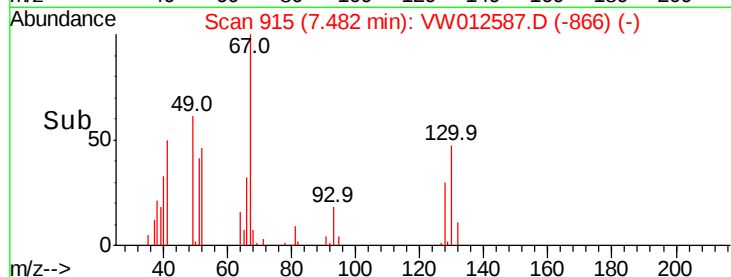
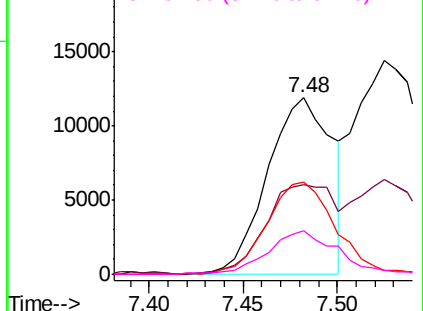
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Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 24.494 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012587.D

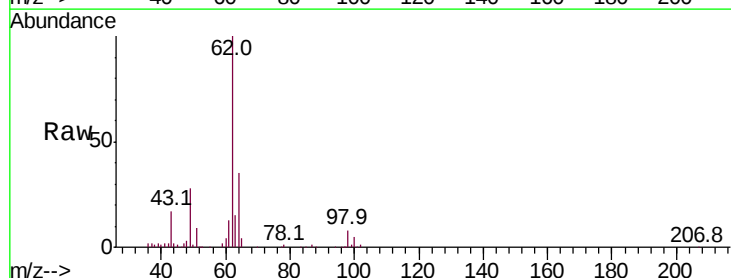
Acq: 04 Sep 2019 11:57

Tgt Ion: 62 Resp: 75102

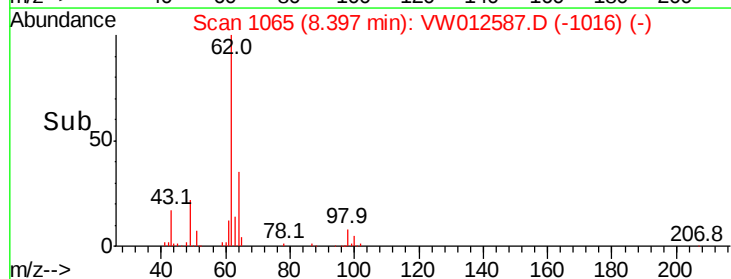
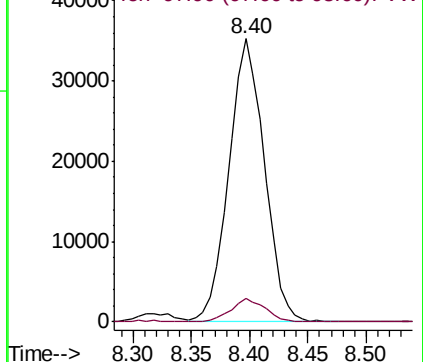
Ion Ratio Lower Upper

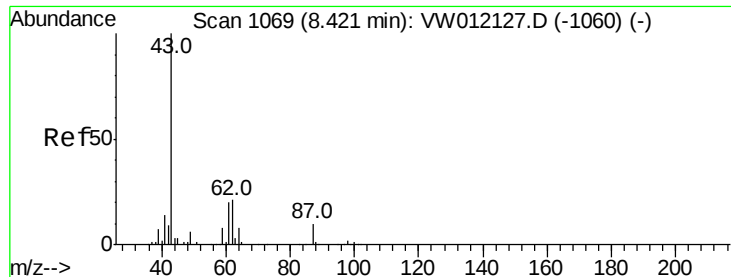
62 100

98 8.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 23.914 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

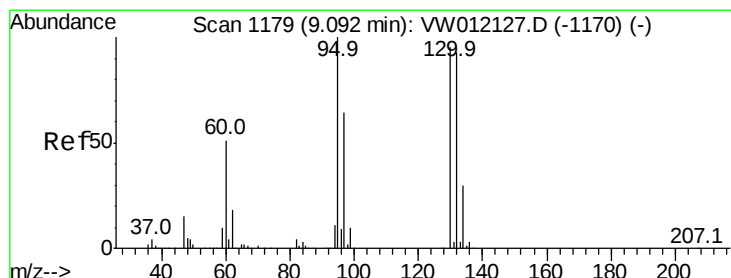
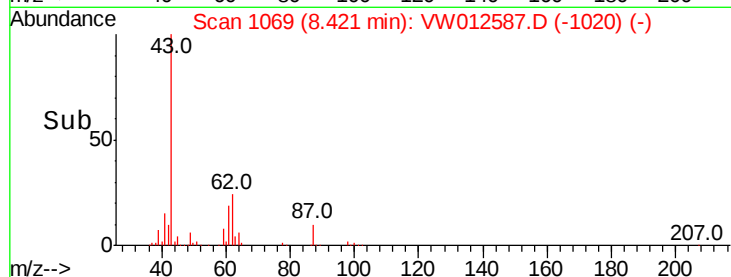
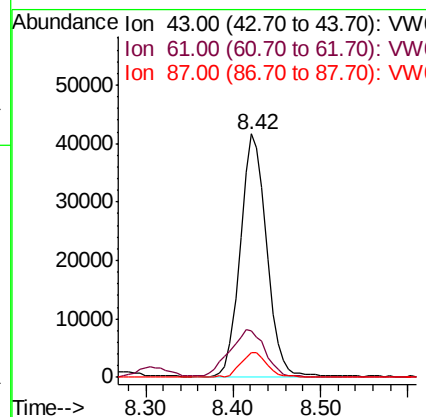
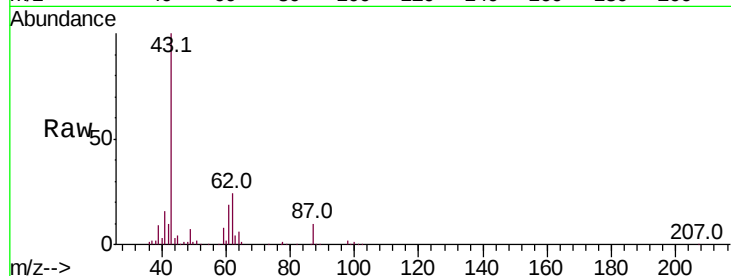
ClientSampleId :

VW0904SBS01

Tot Ion:	43	Resp:	86970
Ion	Ratio	Lower	Upper
43	100		
61	26.8	21.1	31.7
87	10.5	8.2	12.2

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#44

Trichloroethene

Concen: 22.229 ug/l

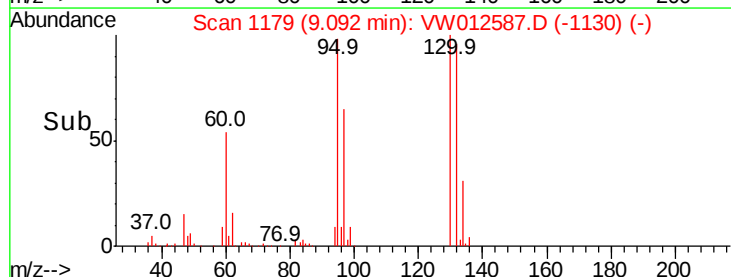
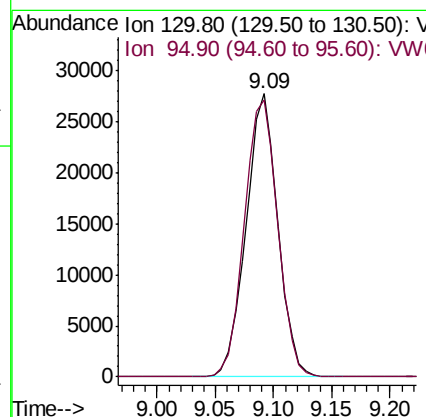
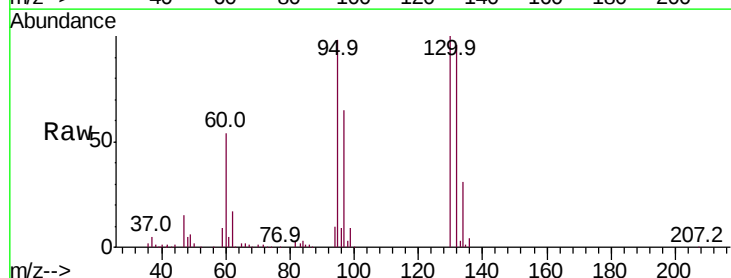
RT: 9.09 min Scan# 1179

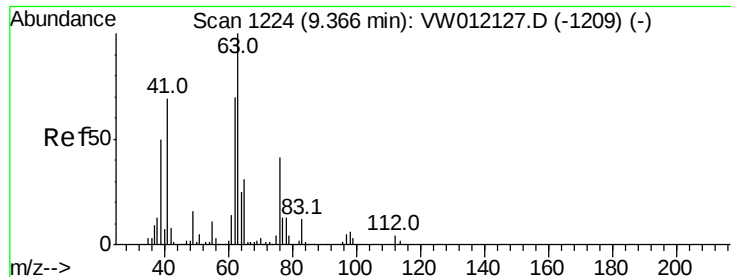
Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Tgt Ion:	130	Resp:	52866
Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	210.6





#45

1,2-Dichloropropane

Concen: 22.334 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

ClientSampled :

VW0904SBSD01

Tot Ion: 63 Resp: 58804

Ion Ratio Lower Upper

63 100

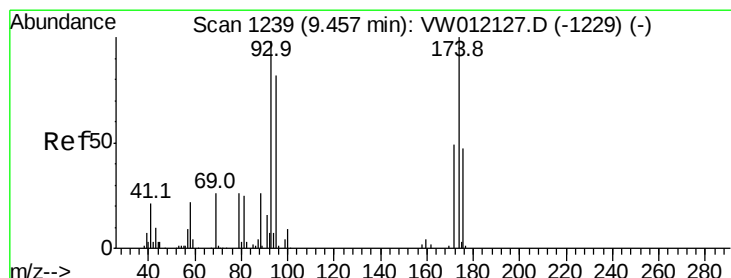
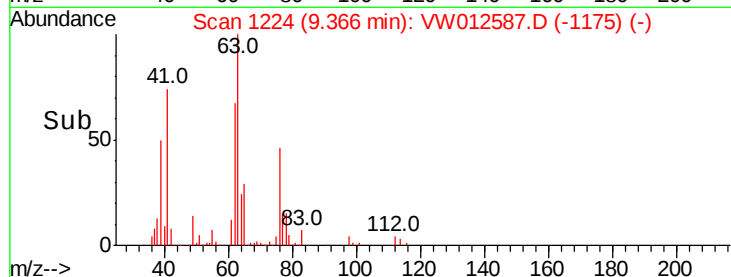
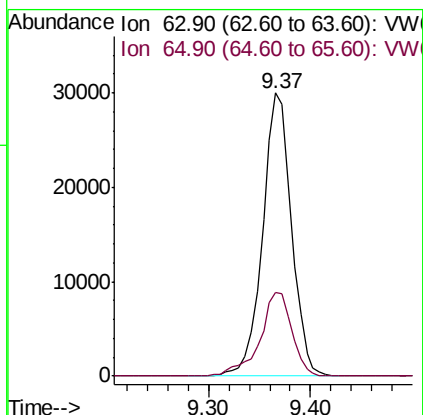
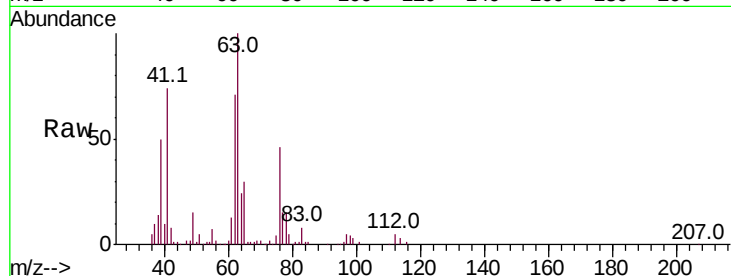
65 29.5 25.0 37.4

Manual Integrations

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#46

Dibromomethane

Concen: 23.501 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

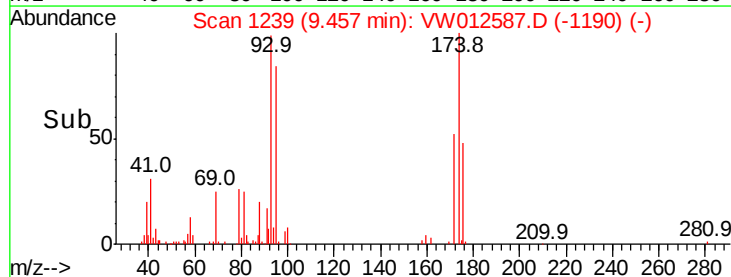
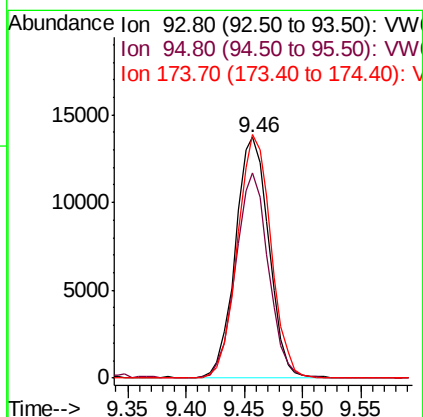
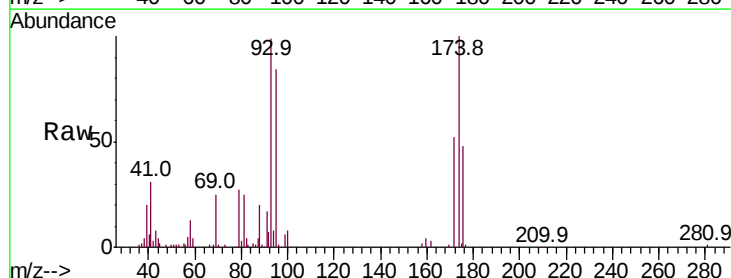
Tgt Ion: 93 Resp: 27531

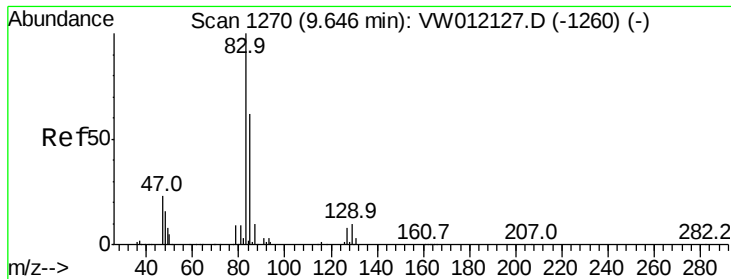
Ion Ratio Lower Upper

93 100

95 83.4 67.2 100.8

174 100.8 79.0 118.6





#47

Bromodichloromethane

Concen: 23.722 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

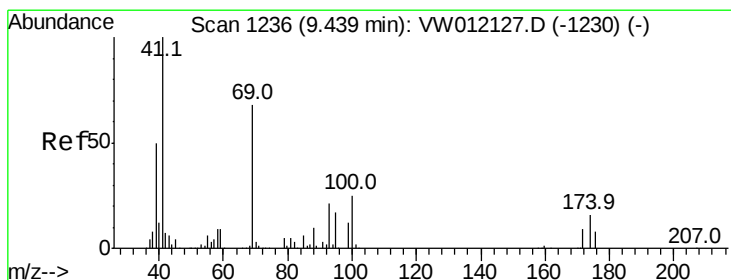
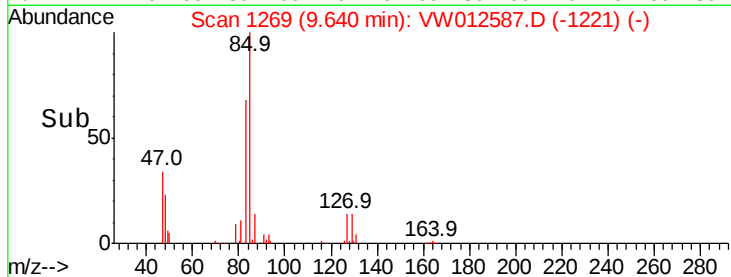
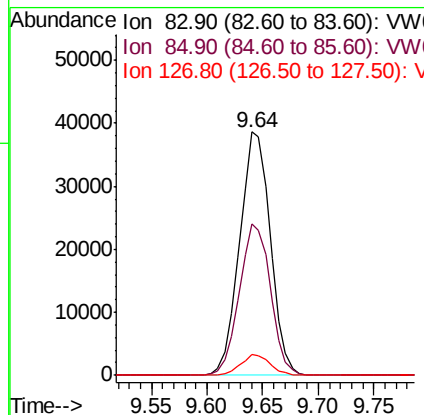
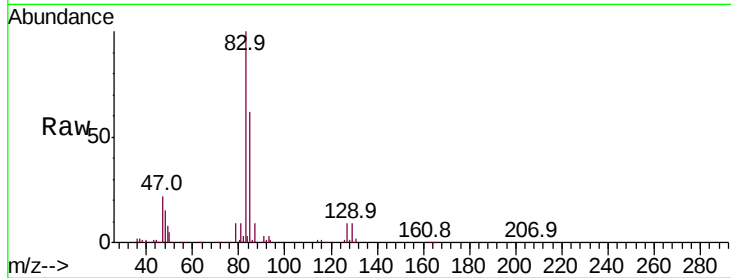
ClientSampleId :

VW0904SBSD01

Tot Ion	83	Resp	73961
Ion Ratio	Lower	Upper	
83	100		
85	62.0	49.4	74.2
127	8.7	6.1	9.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 23.857 ug/l

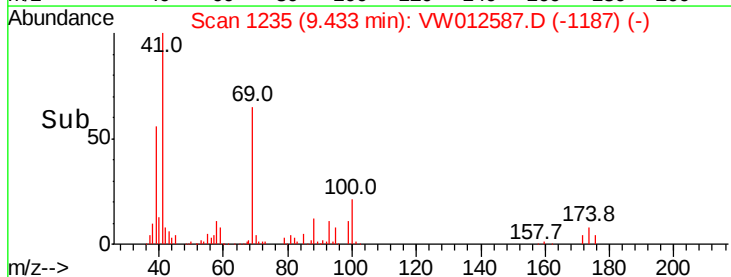
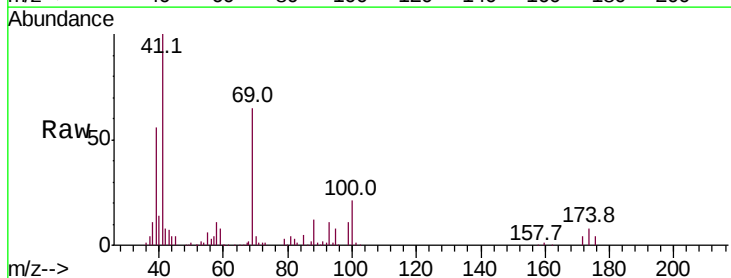
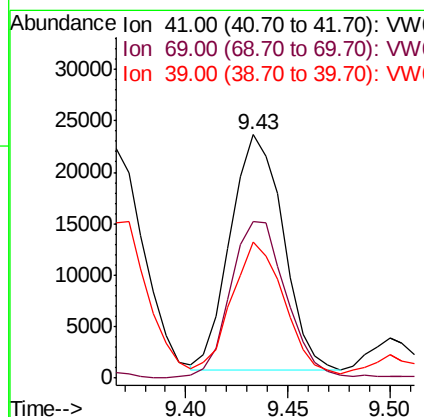
RT: 9.43 min Scan# 1235

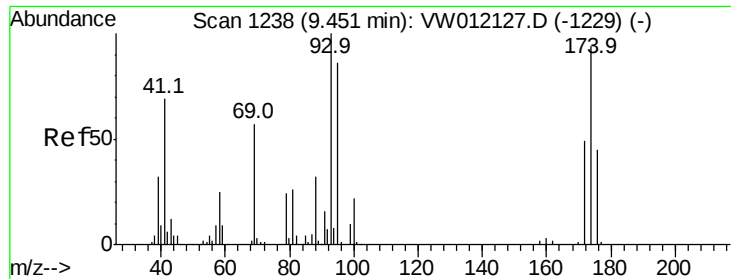
Delta R.T. -0.01 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Tgt Ion	41	Resp	41294
Ion Ratio	Lower	Upper	
41	100		
69	71.1	56.7	85.1
39	54.5	42.0	63.0





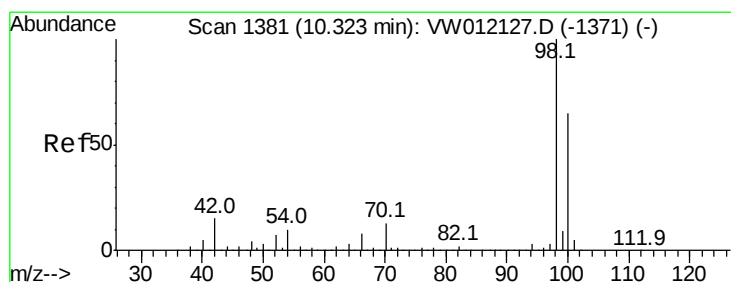
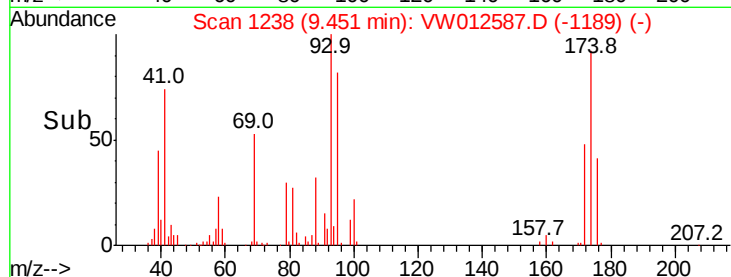
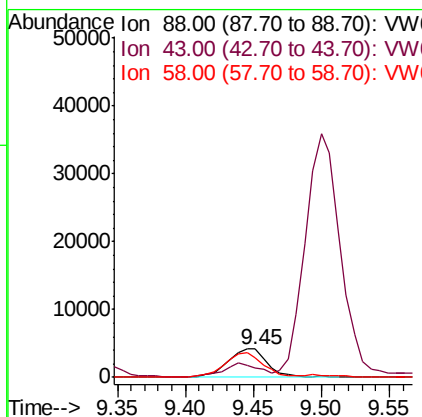
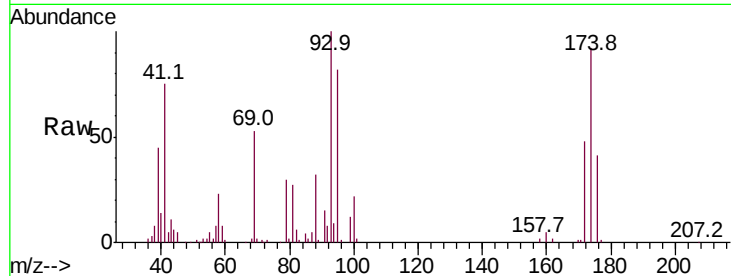
#49
1,4-Dioxane
Concen: 470.506 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	88	Resp	8438
Ion	Ratio	Lower	Upper
88	100		
43	41.4	32.9	49.3
58	87.0	71.0	106.4

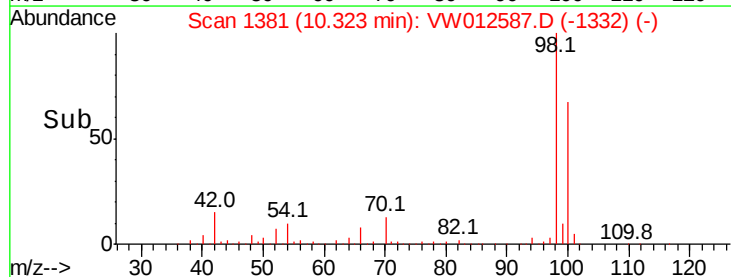
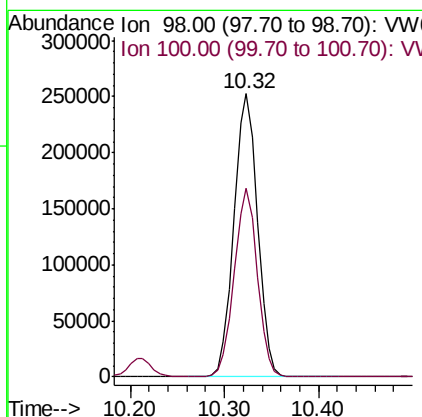
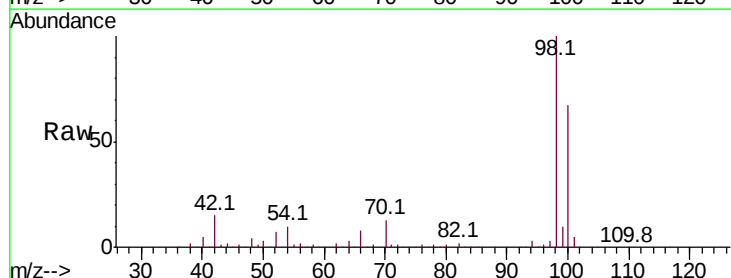
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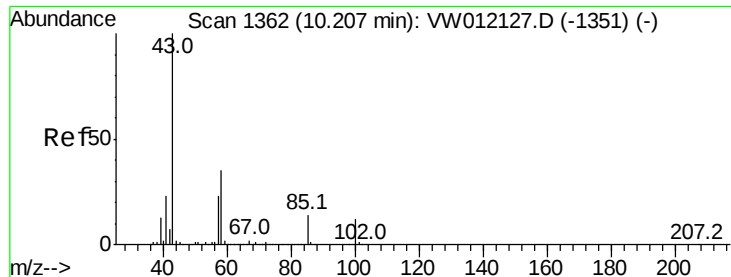
MMDadoda
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#50
Toluene-d8
Concen: 52.395 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Tgt Ion	98	Resp	439662
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 125.002 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

ClientSampled :

VW0904SBSD01

Tot Ion: 43 Resp: 231221

Ion Ratio Lower Upper

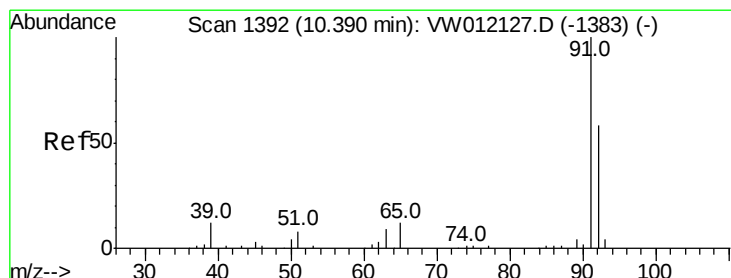
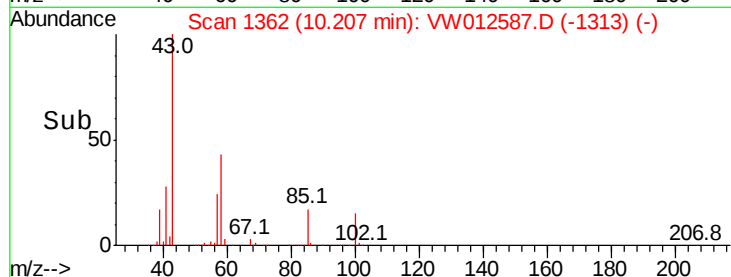
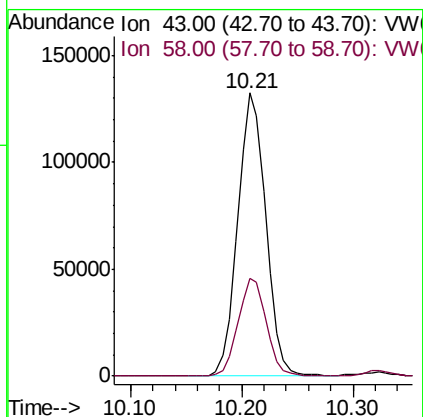
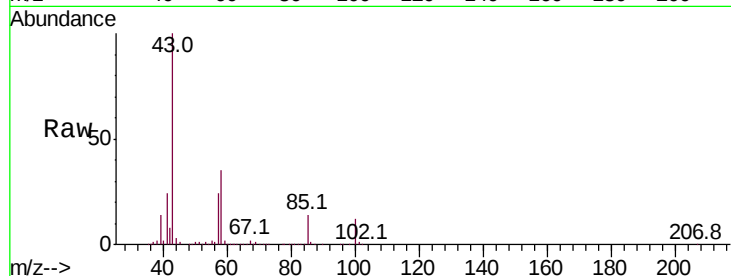
43 100

58 34.8 28.2 42.2

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#52

Toluene

Concen: 22.544 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012587.D

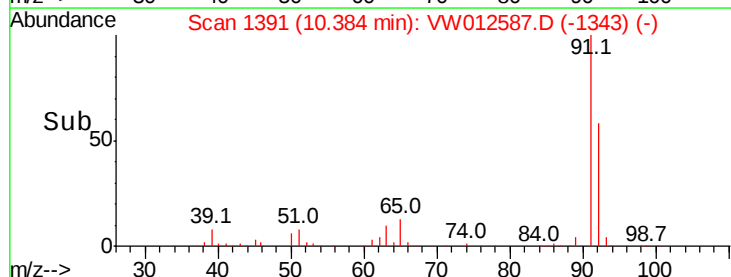
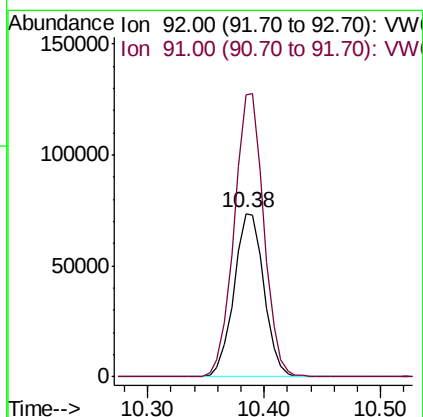
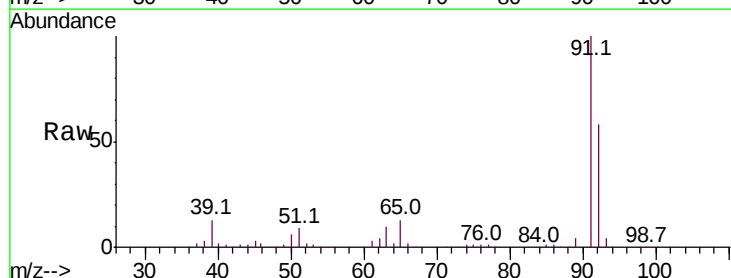
Acq: 04 Sep 2019 11:57

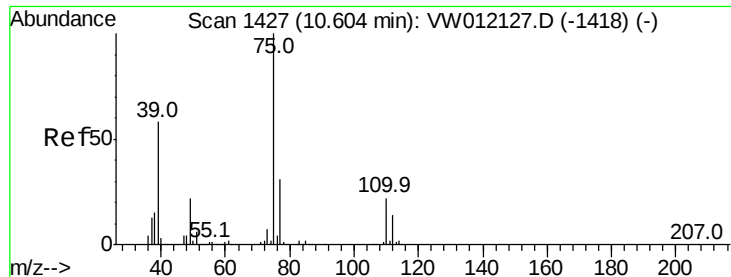
Tgt Ion: 92 Resp: 132496

Ion Ratio Lower Upper

92 100

91 171.0 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 23.582 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :
MSVOA_W

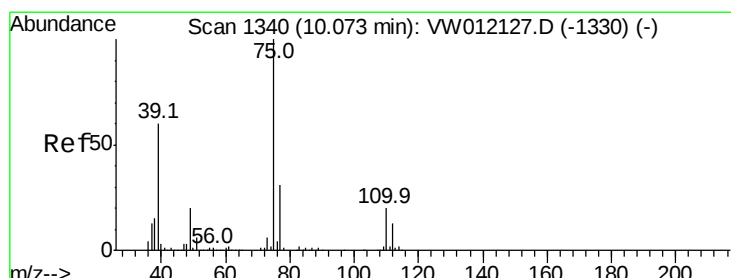
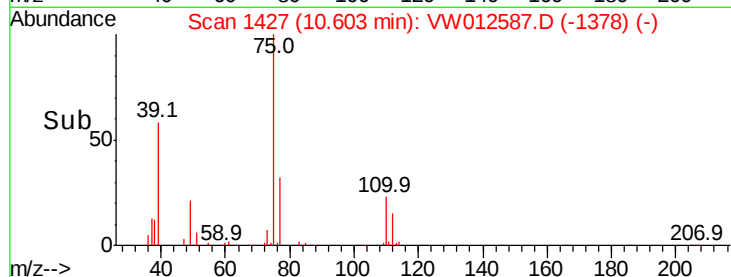
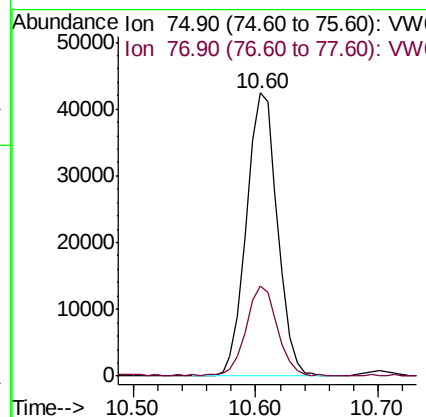
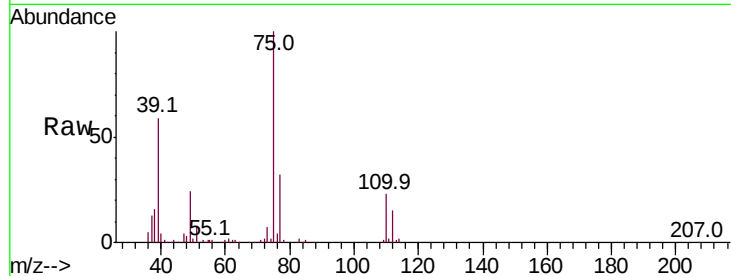
ClientSampleId :
VW0904SBSD01

Tot Ion: 75 Resp: 74892

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.4

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#54

cis-1,3-Dichloropropene

Concen: 22.666 ug/l

RT: 10.07 min Scan# 1340

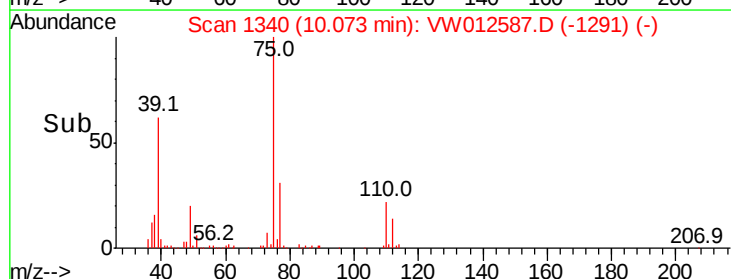
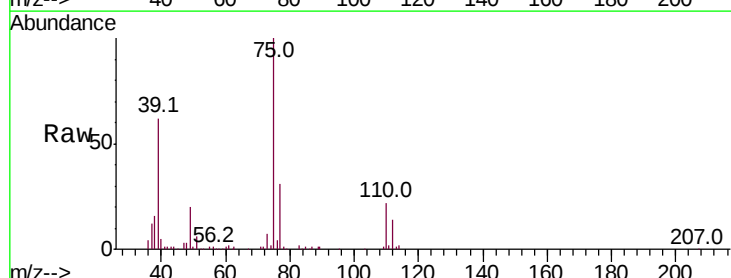
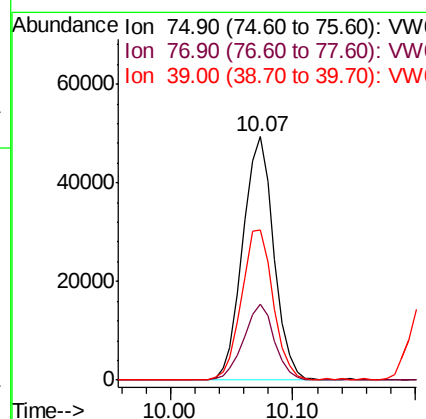
Delta R.T. -0.00 min

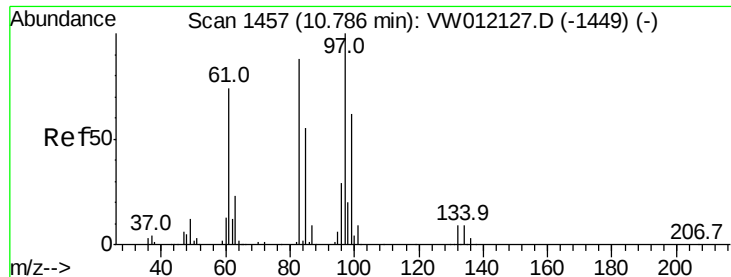
Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Tgt Ion: 75 Resp: 86918

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.1	37.7
39	61.8	48.3	72.5





#55

1,1,2-Trichloroethane

Concen: 23.734 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD01

Tot Ion: 97 Resp: 39338

Ion Ratio Lower Upper

97 100

83 93.1 70.8 106.2

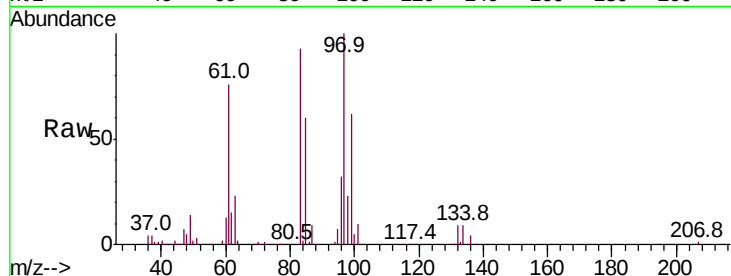
85 59.5 43.8 65.8

99 62.5 49.8 74.6

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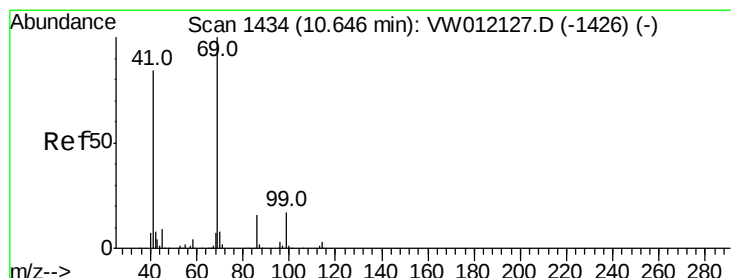
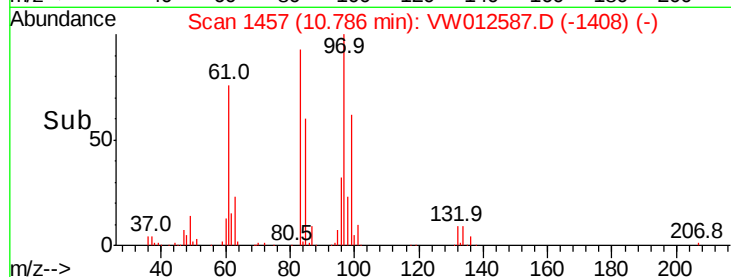
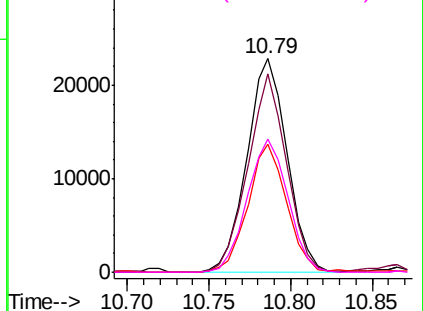


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 23.957 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

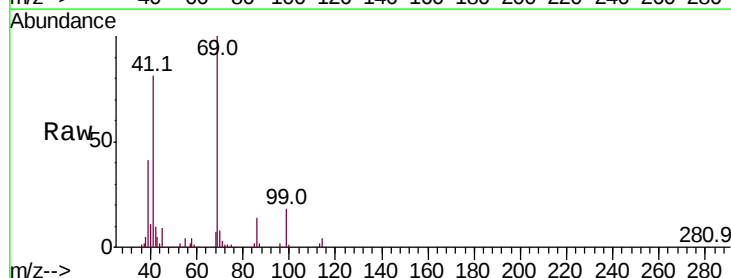
Tgt Ion: 69 Resp: 57791

Ion Ratio Lower Upper

69 100

41 83.6 66.5 99.7

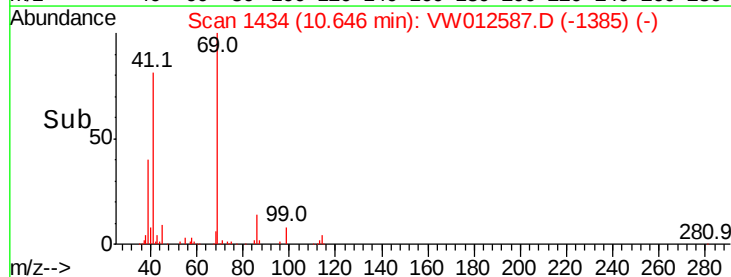
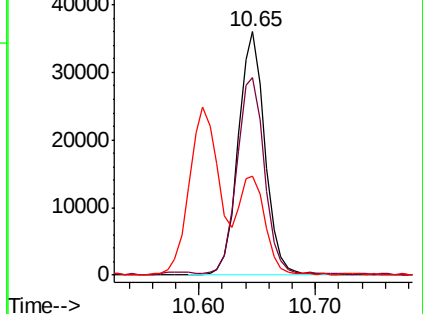
39 39.1 31.0 46.4

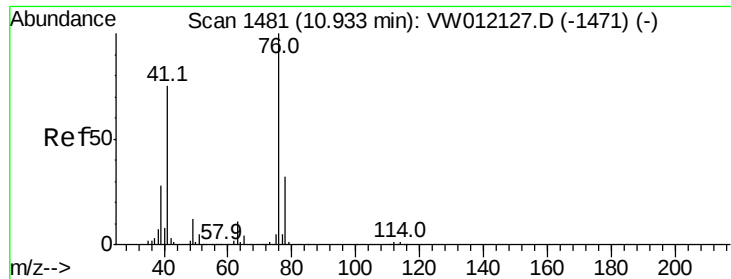


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





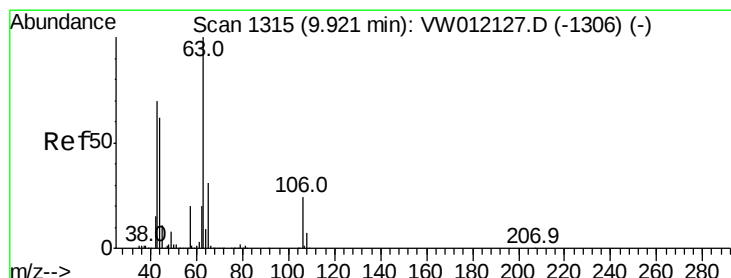
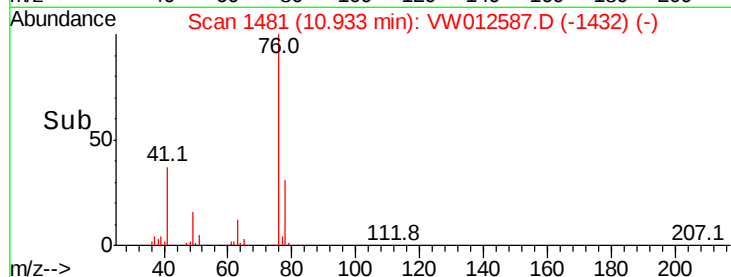
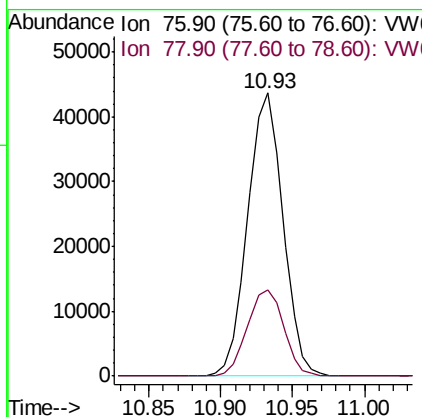
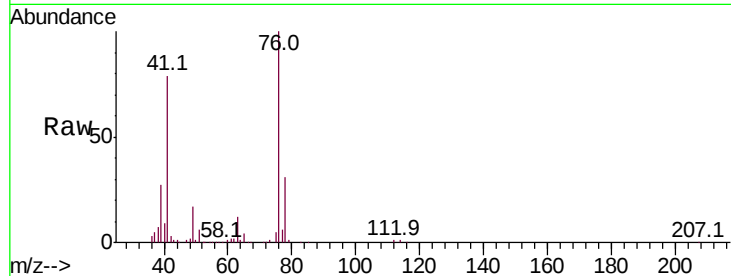
#57
 1,3-Dichloropropane
 Concen: 23.662 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012587.D
 Acq: 04 Sep 2019 11:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Tot Ion: 76 Resp: 74114
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8

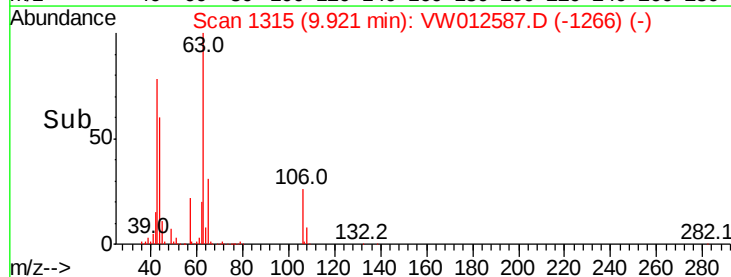
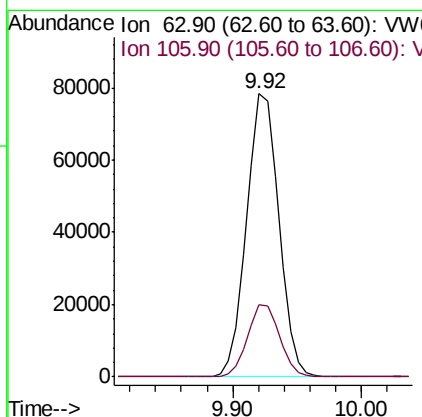
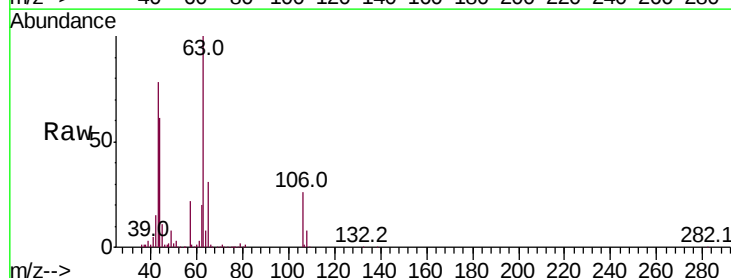
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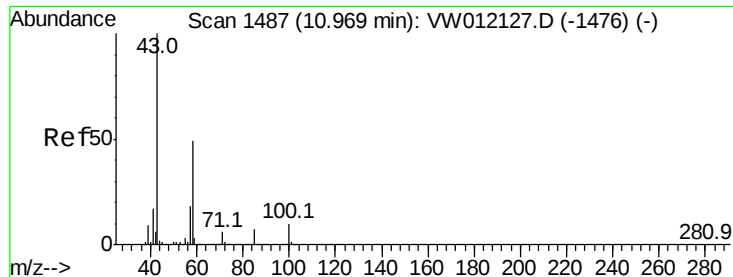
MMDadoda
 9/7/2019 12:46:11 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.377 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012587.D
 Acq: 04 Sep 2019 11:57

Tgt Ion: 63 Resp: 135414
 Ion Ratio Lower Upper
 63 100
 106 25.3 19.8 29.8





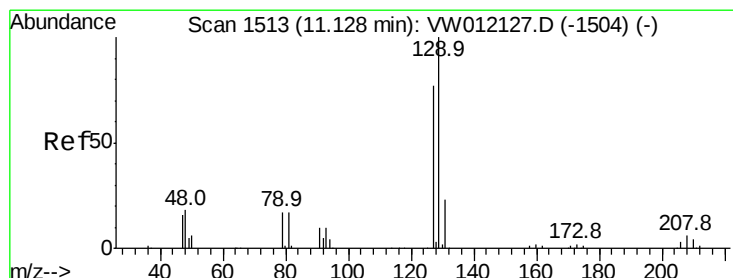
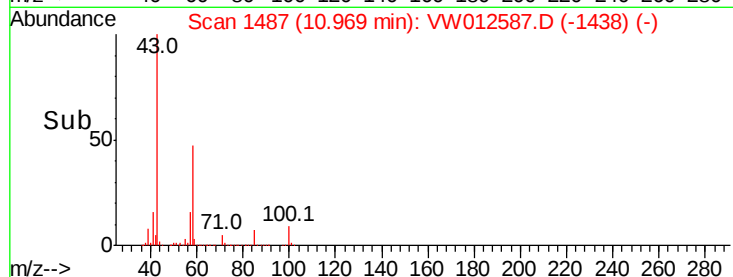
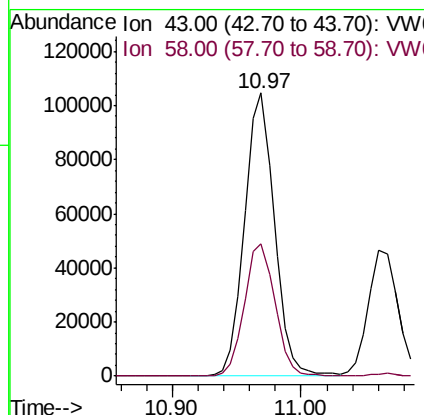
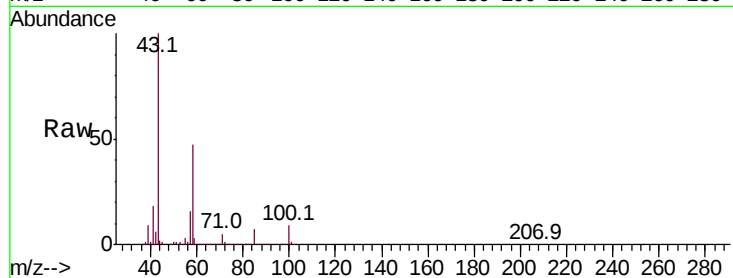
#59
2-Hexanone
Concen: 128.159 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	47.7	24.3	72.9

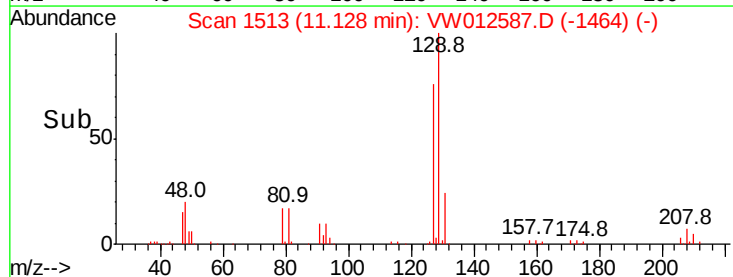
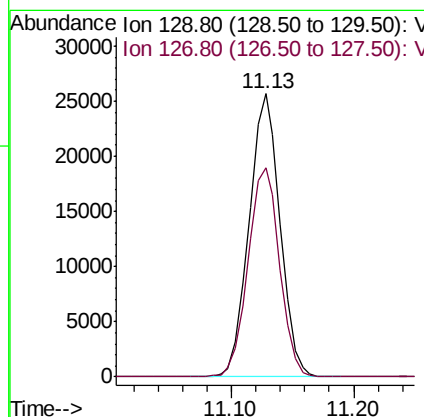
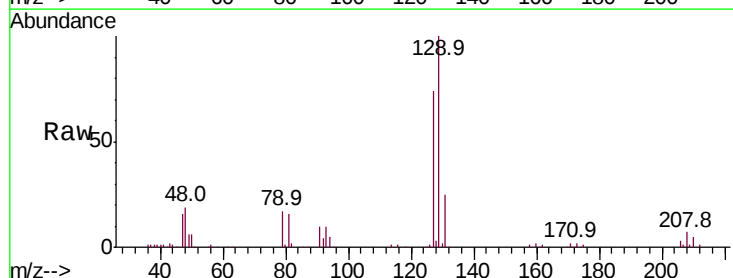
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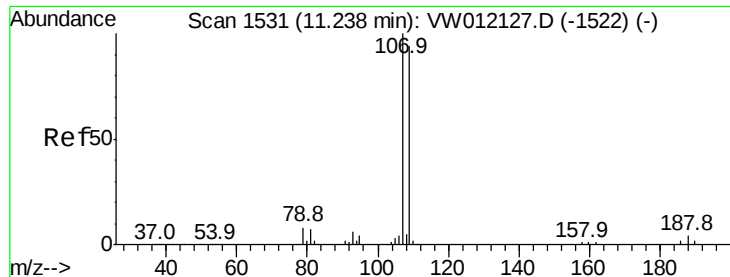
MMDadoda
9/7/2019 12:46:11 AM



#60
Dibromochloromethane
Concen: 24.403 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.1	38.6	115.8





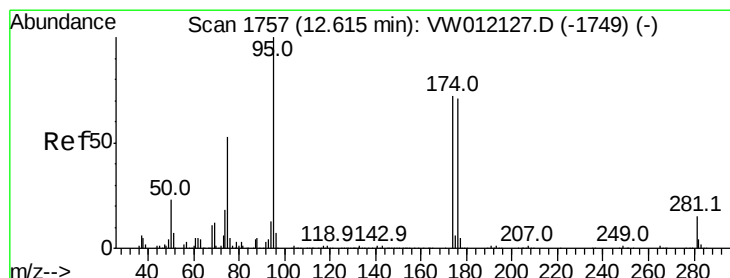
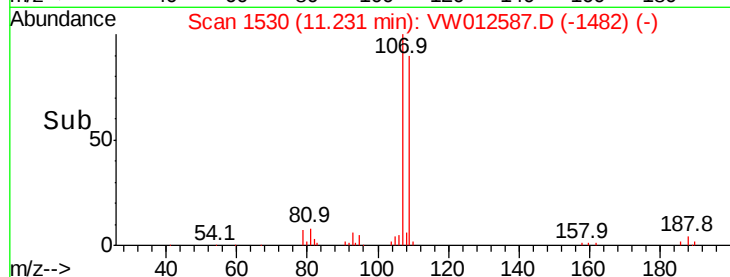
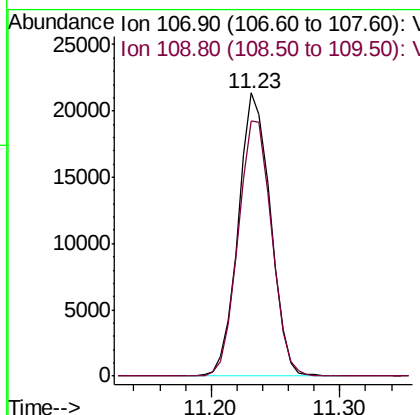
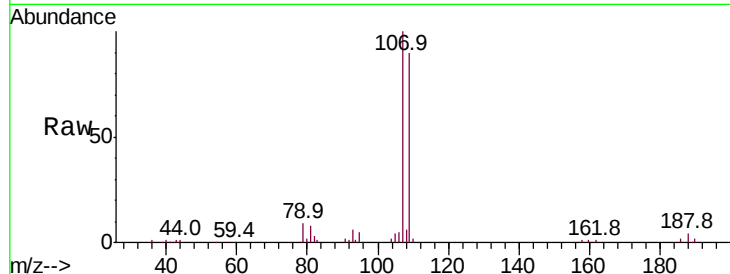
#61
 1,2-Dibromoethane
 Concen: 23.913 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012587.D
 Acq: 04 Sep 2019 11:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.4	113.2

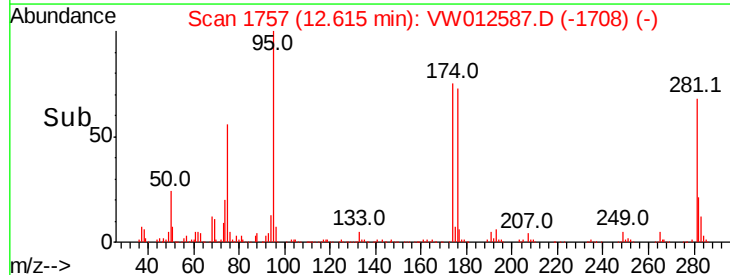
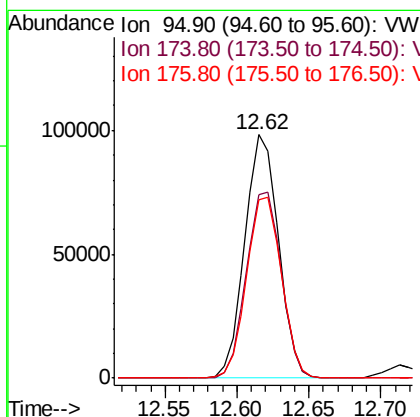
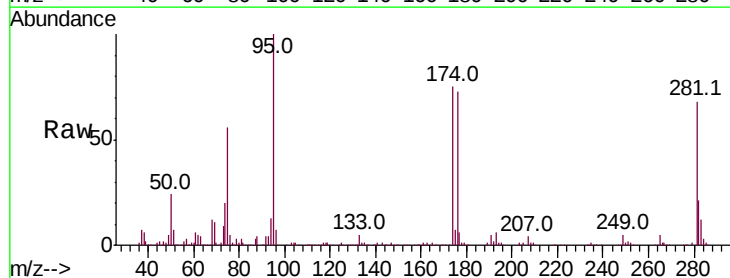
Manual Integrations
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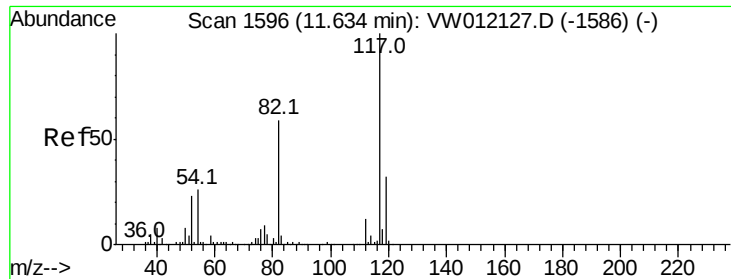
MMDadoda
 9/7/2019 12:46:11 AM



#62
 4-Bromofluorobenzene
 Concen: 53.803 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012587.D
 Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	150.8
176	77.0	0.0	148.6





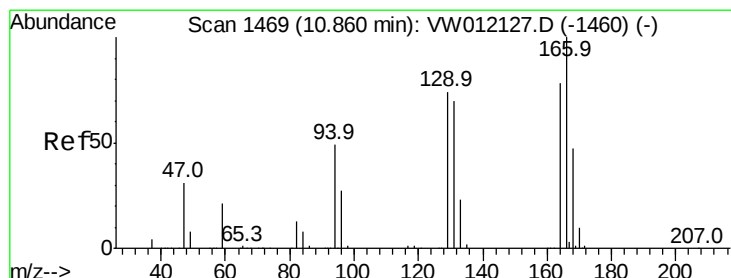
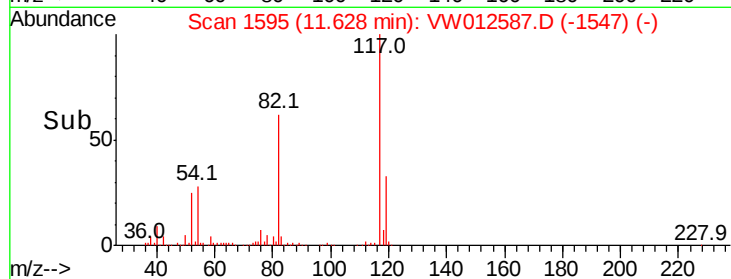
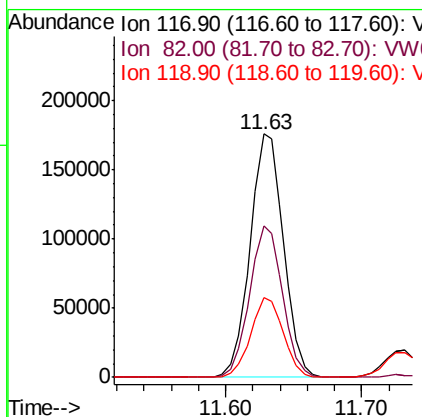
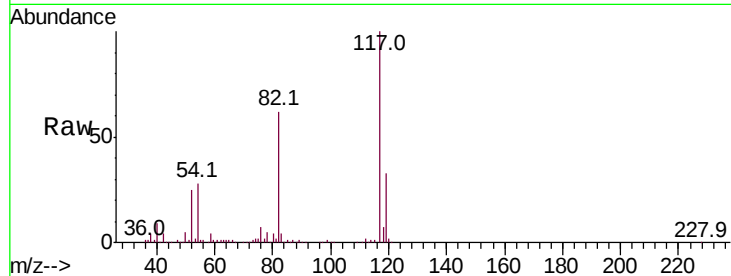
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.4	47.4	71.2
119	32.5	25.4	38.2

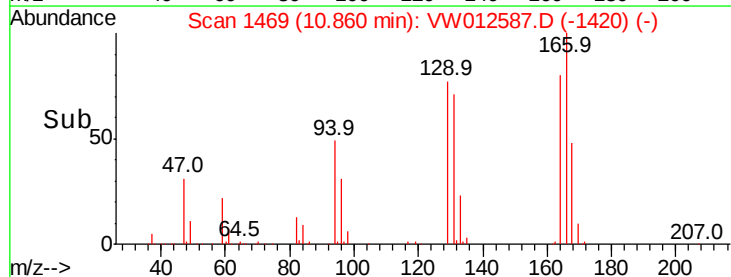
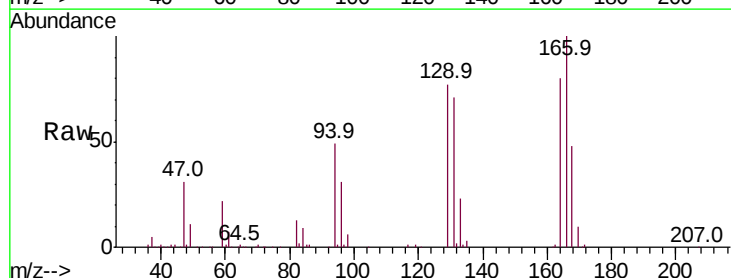
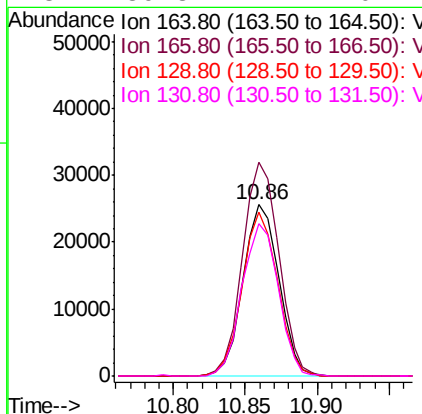
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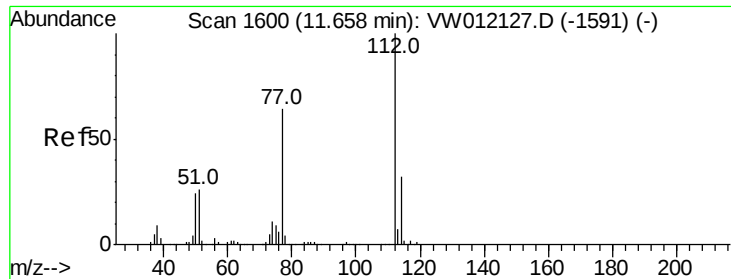
MMDadoda
9/7/2019 12:46:11 AM



#64
Tetrachloroethene
Concen: 22.531 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	102.4	153.6
129	95.8	75.8	113.6
131	89.3	71.4	107.2





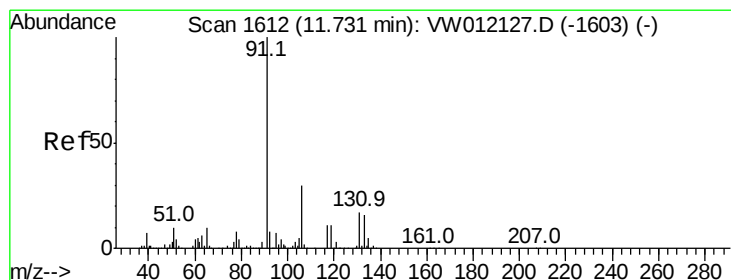
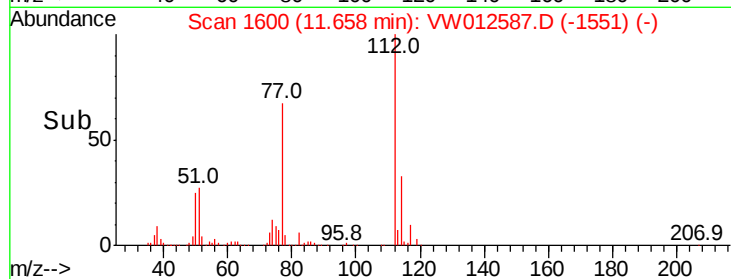
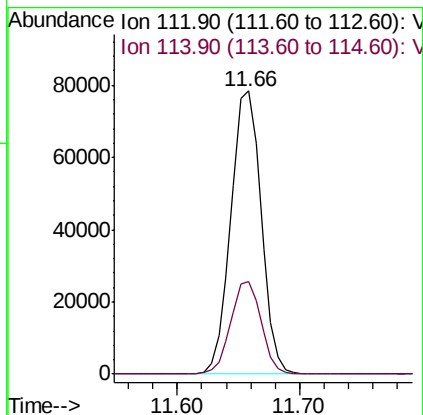
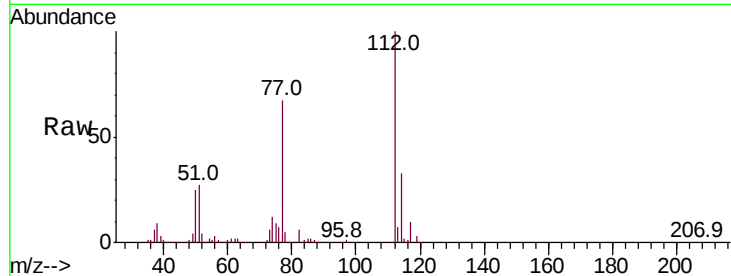
#65
Chlorobenzene
Concen: 22.581 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	134373		
114	33.0	25.8	38.6	

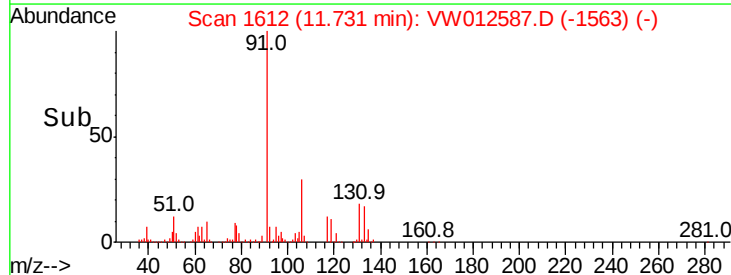
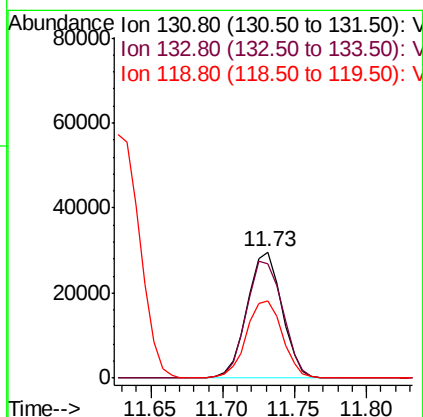
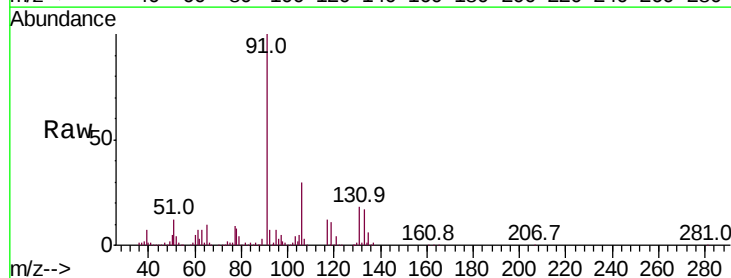
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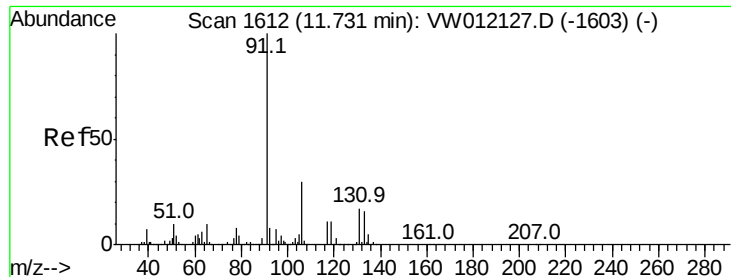
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 23.926 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	49668		
133	97.1	47.1	141.3	
119	63.5	31.8	95.3	





#67

Ethyl Benzene

Concen: 22.735 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD01

Tot Ion: 91 Resp: 260606

Ion Ratio Lower Upper

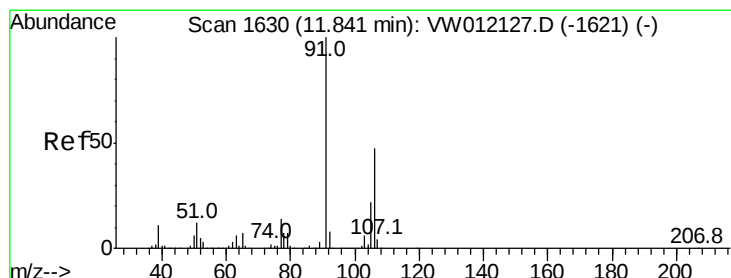
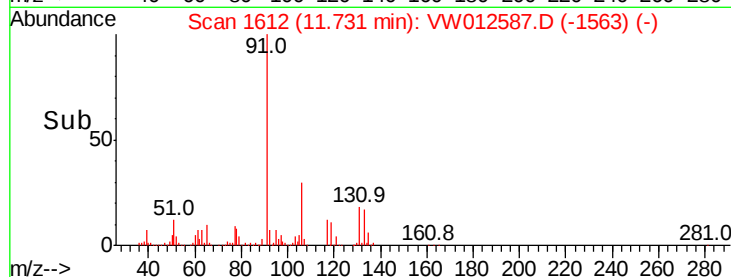
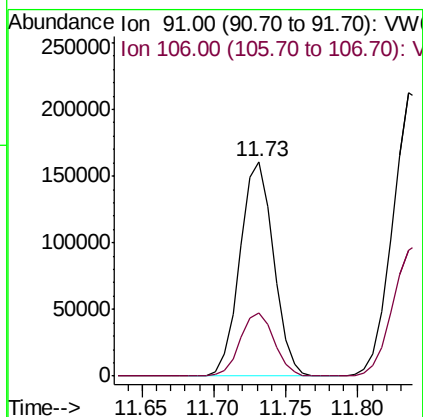
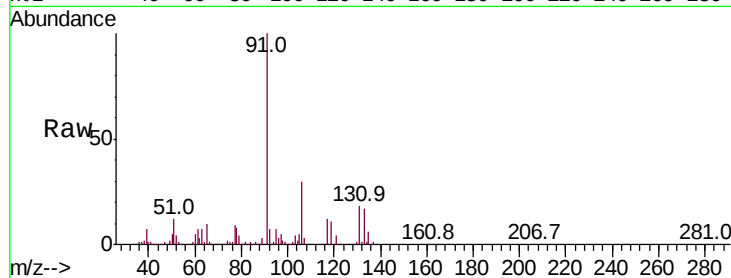
91 100

106 29.7 24.3 36.5

Manual Integrations
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#68

m/p-Xylenes

Concen: 45.406 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW012587.D

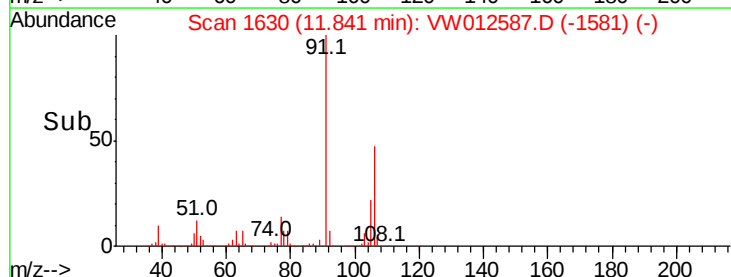
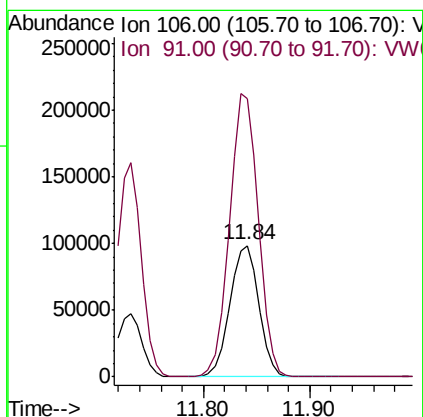
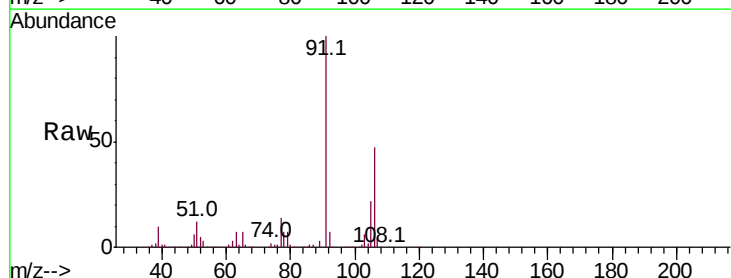
Acq: 04 Sep 2019 11:57

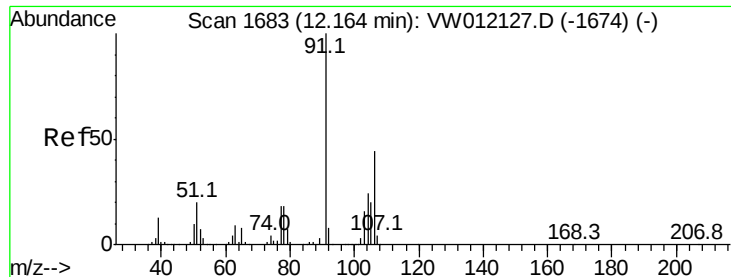
Tgt Ion: 106 Resp: 187485

Ion Ratio Lower Upper

106 100

91 214.3 169.5 254.3





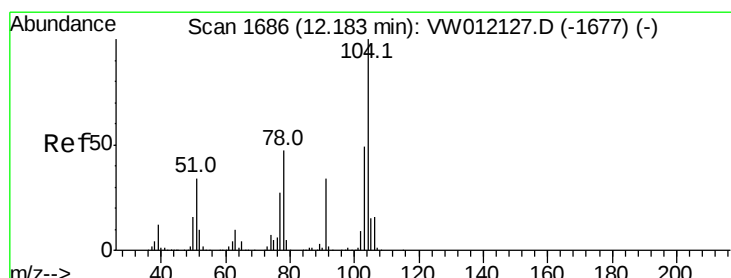
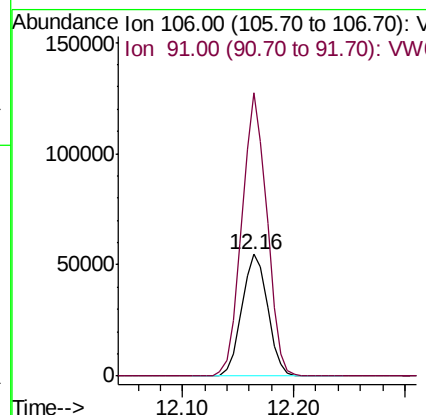
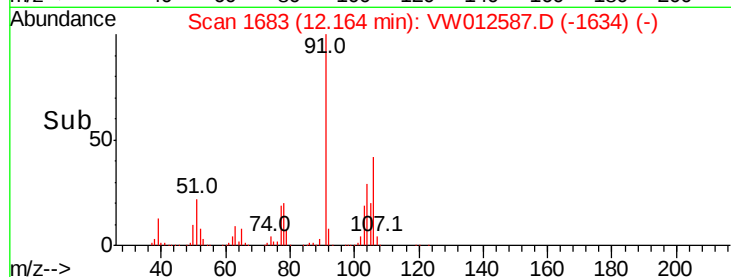
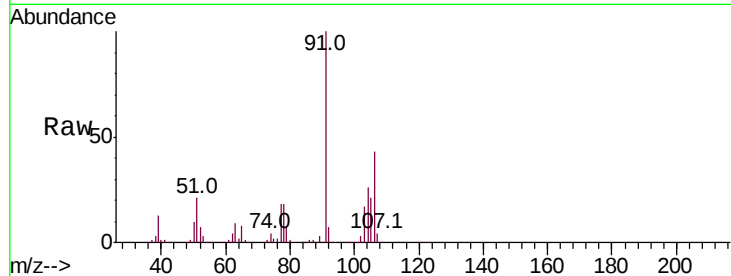
#69
o-Xylene
Concen: 22.995 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	226.3	111.6	334.6

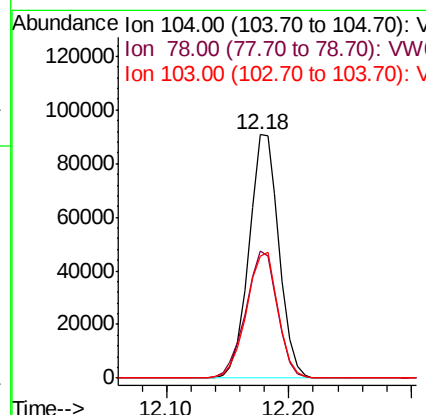
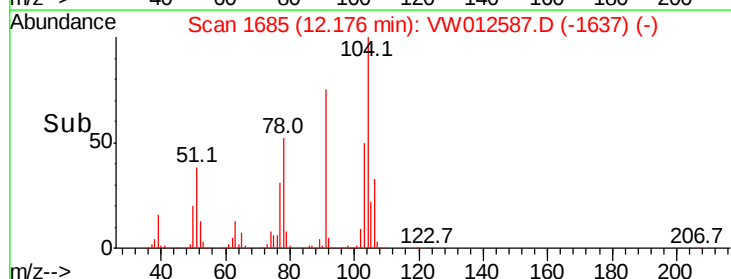
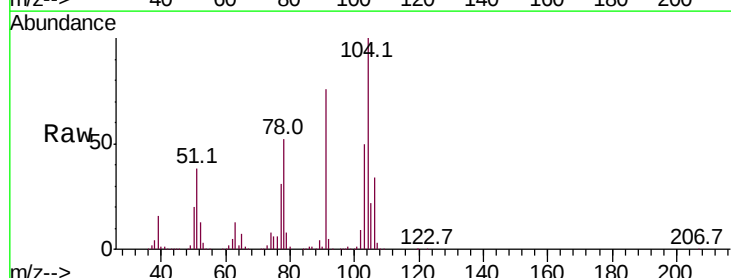
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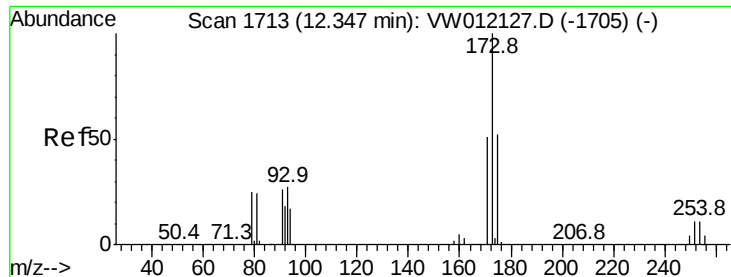
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#70
Styrene
Concen: 23.349 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.1	43.1	64.7
103	54.7	43.5	65.3





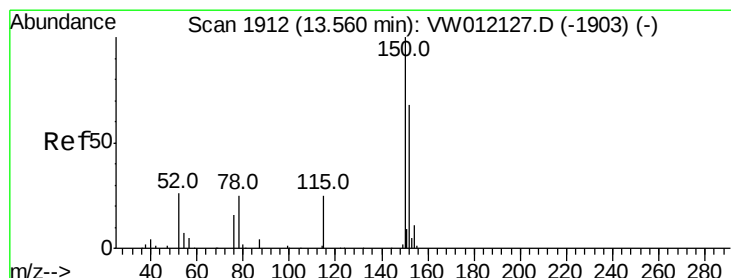
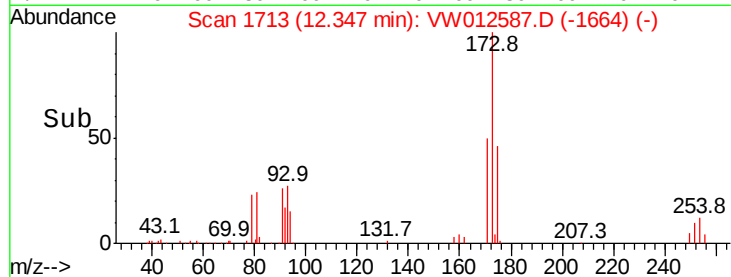
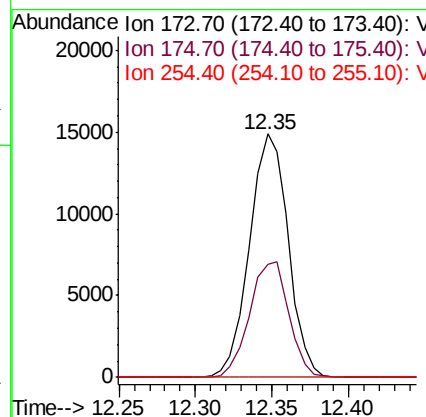
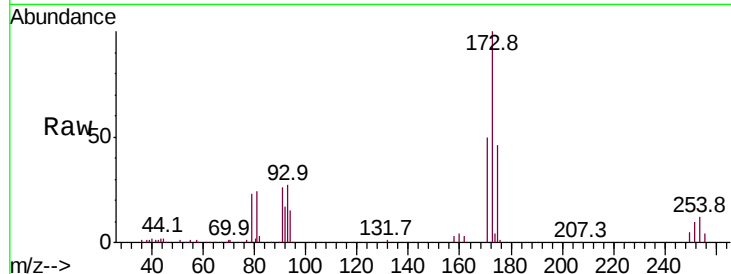
#71
Bromoform
Concen: 25.320 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.6	74.0
254	0.0	0.2	0.2

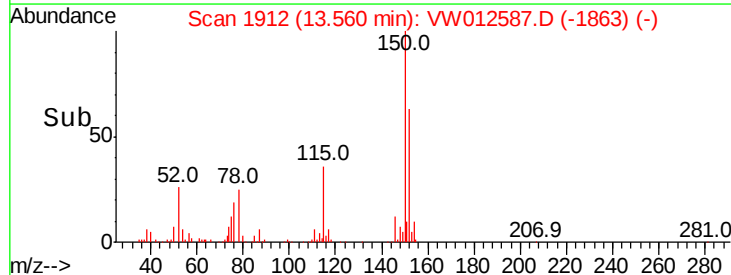
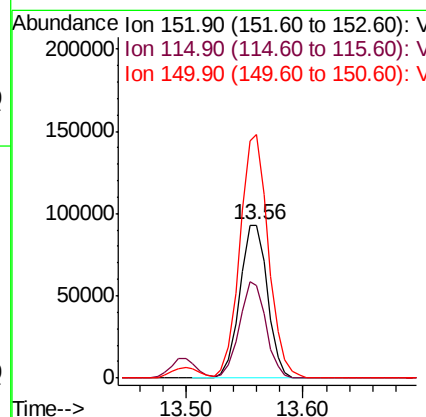
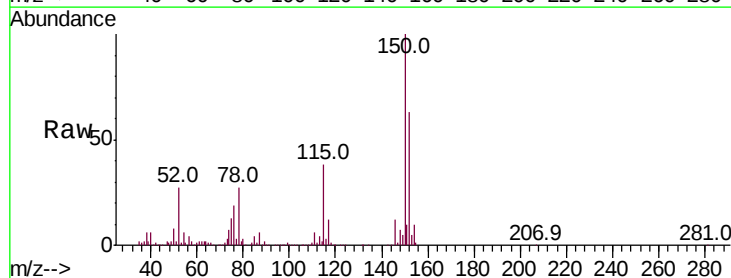
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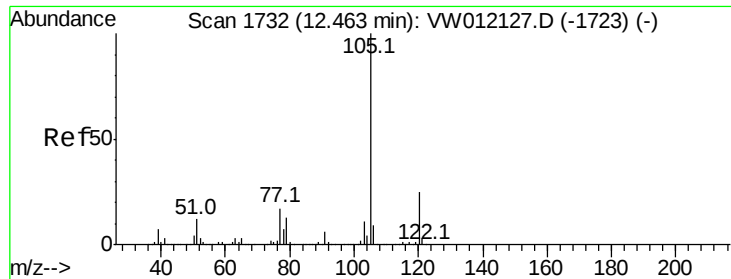
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.1	90.3
150	162.9	0.0	345.8





#73

Isopropylbenzene

Concen: 21.705 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS01

Tot Ion:105 Resp: 251212

Ion Ratio Lower Upper

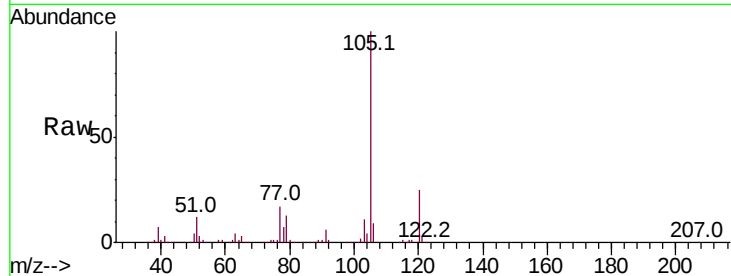
105 100

120 25.5 12.5 37.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

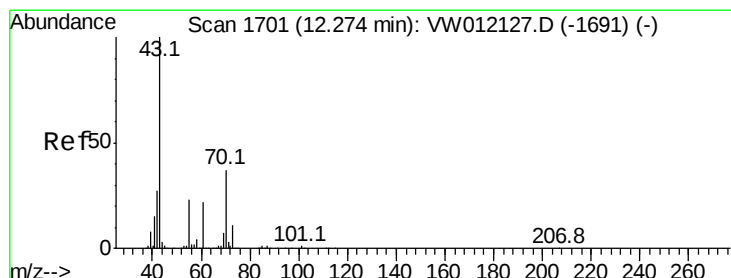
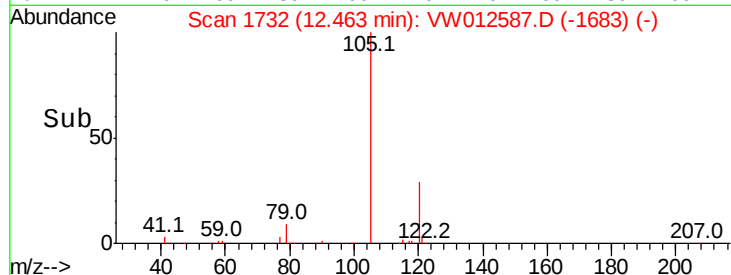
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 23.100 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Tgt Ion: 43 Resp: 80777

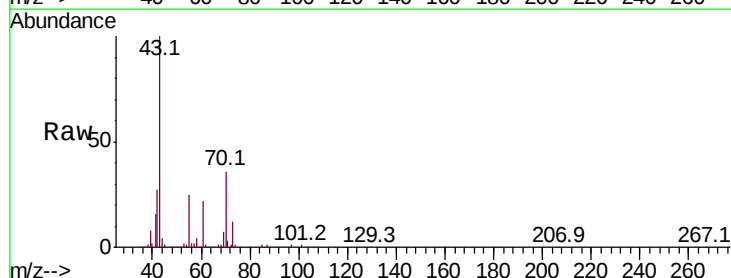
Ion Ratio Lower Upper

43 100

70 34.4 28.6 43.0

55 24.2 17.8 26.6

61 21.2 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

80000

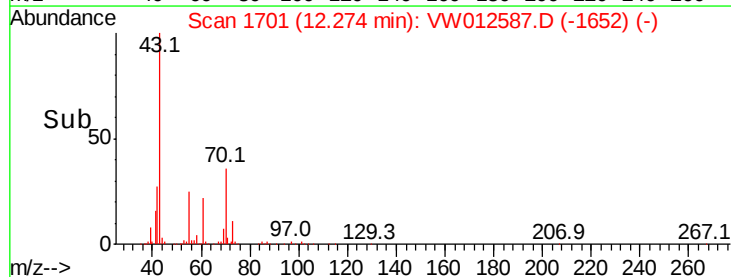
60000

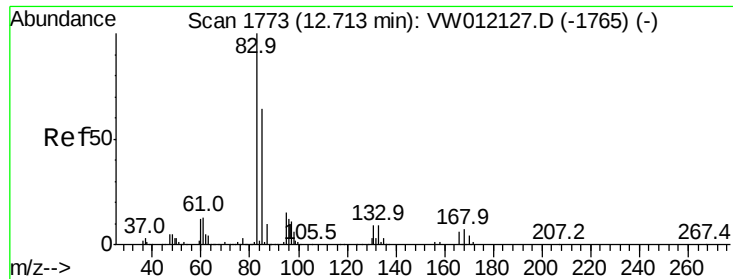
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.881 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

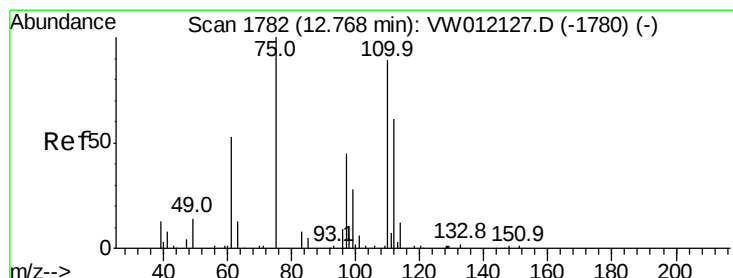
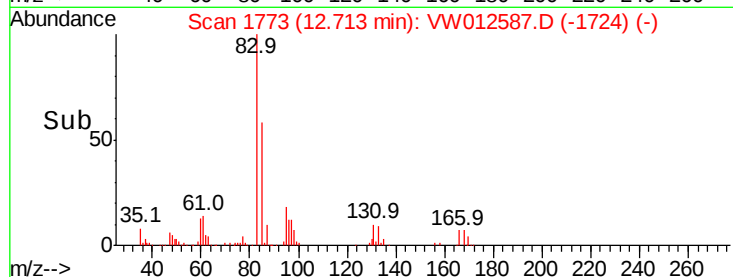
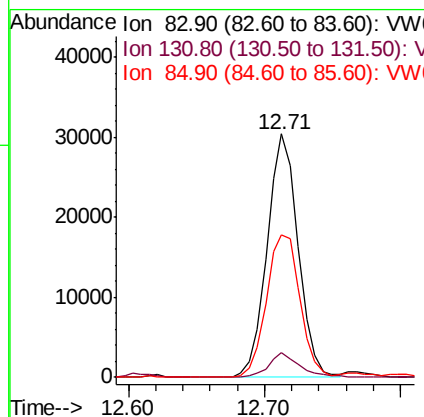
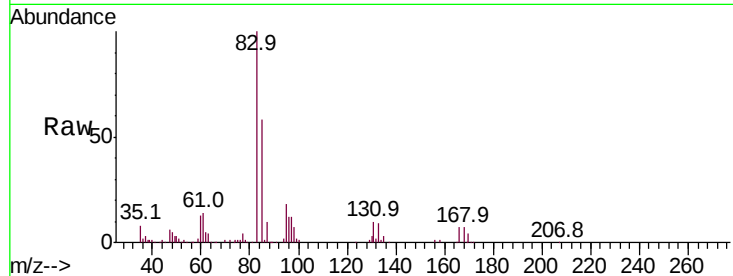
ClientSampleId :

VW0904SBSD01

Tot Ion:	83	Resp:	48551
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.7
85	63.2	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 26.858 ug/l m

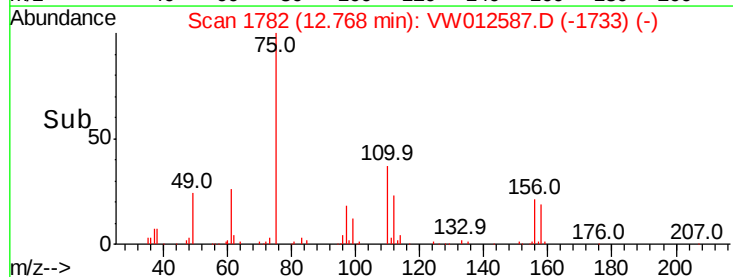
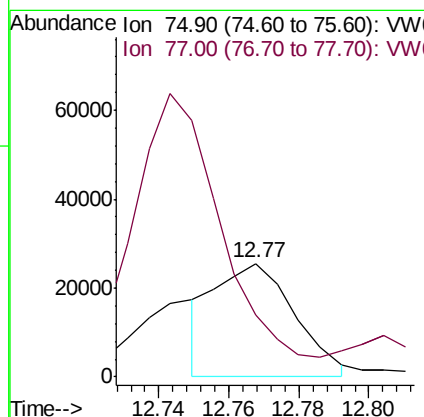
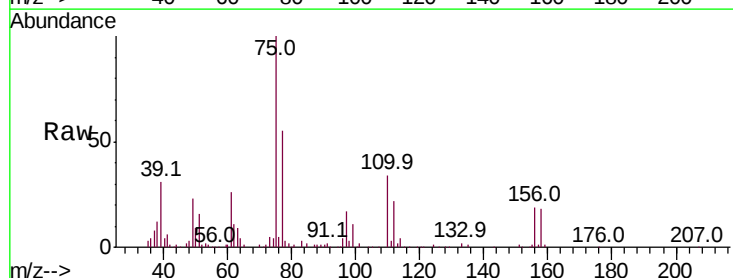
RT: 12.77 min Scan# 1782

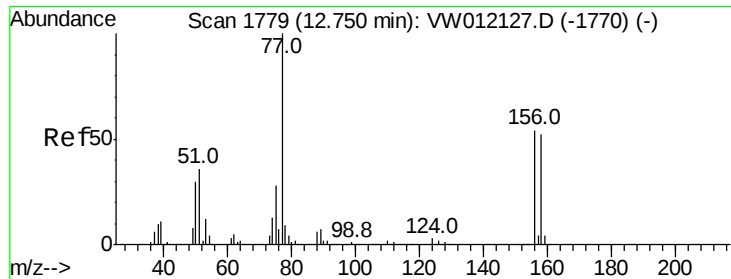
Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Tgt Ion:	75	Resp:	40404
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





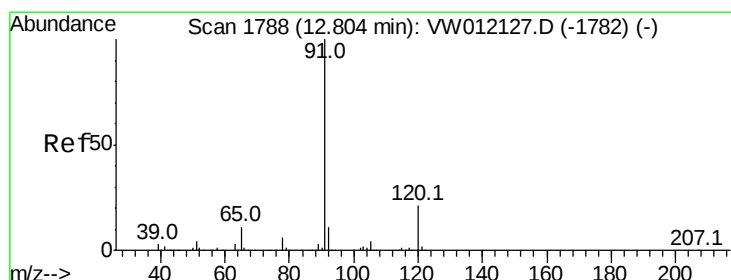
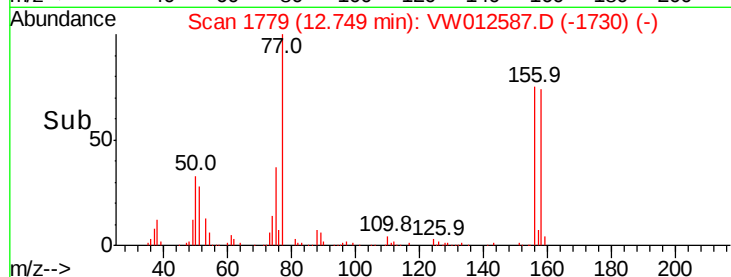
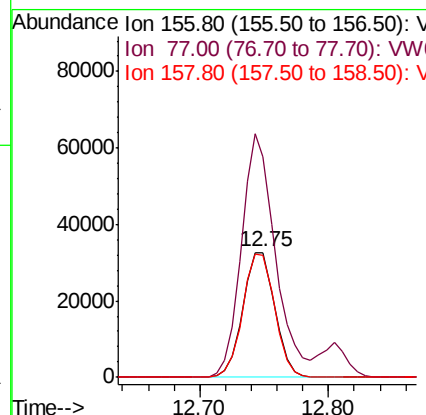
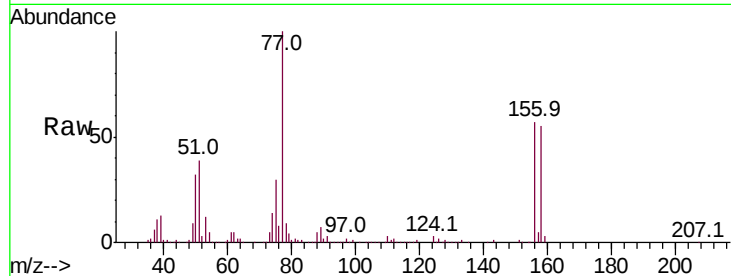
#77
Bromobenzene
Concen: 22.365 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	207.2	107.3	321.8
158	98.0	49.0	147.0

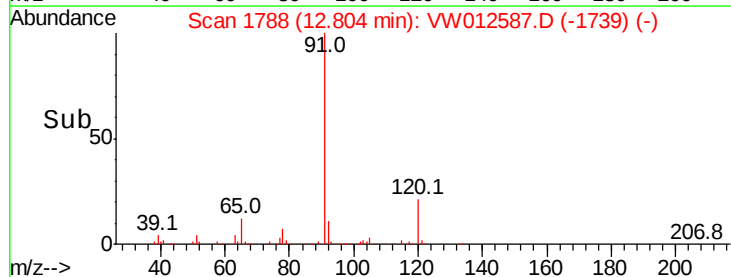
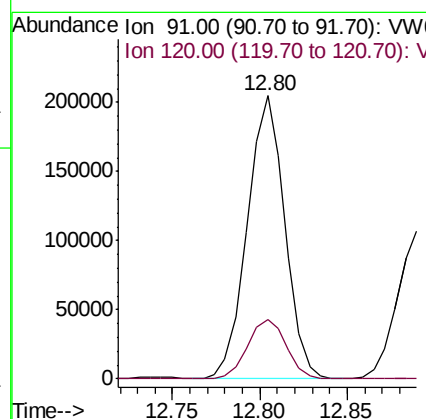
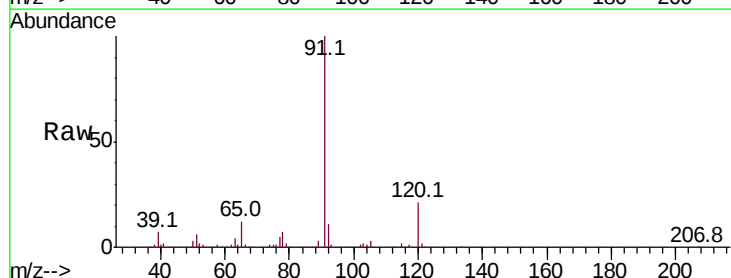
Manual Integrations
APPROVED

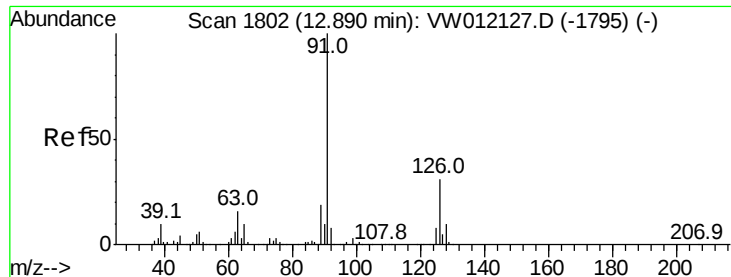
MMDadoda
9/7/2019 12:46:11 AM



#78
n-propylbenzene
Concen: 21.575 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.5	31.6





#79

2-Chlorotoluene

Concen: 21.637 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBSD01

Tot Ion: 91 Resp: 173572

Ion Ratio Lower Upper

91 100

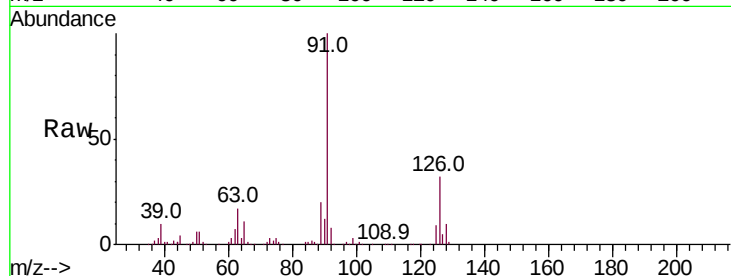
126 31.8 15.7 47.0

Manual Integrations

APPROVED

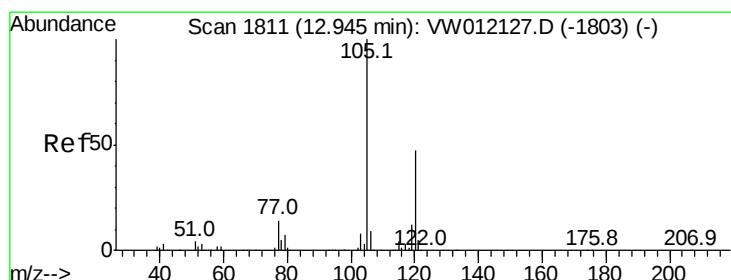
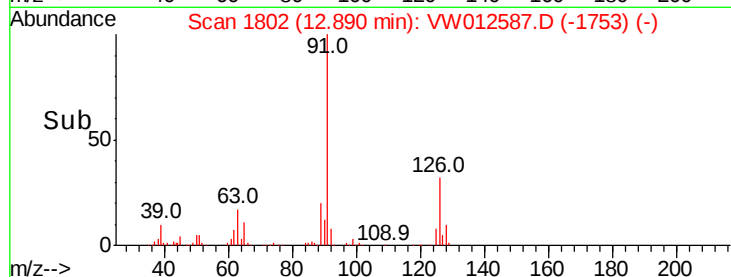
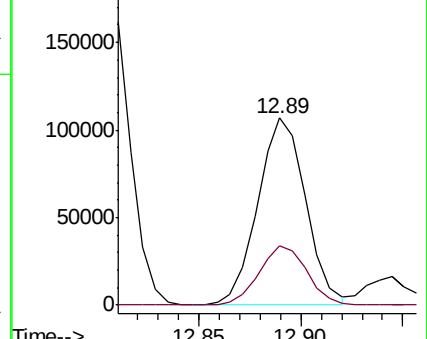
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.382 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012587.D

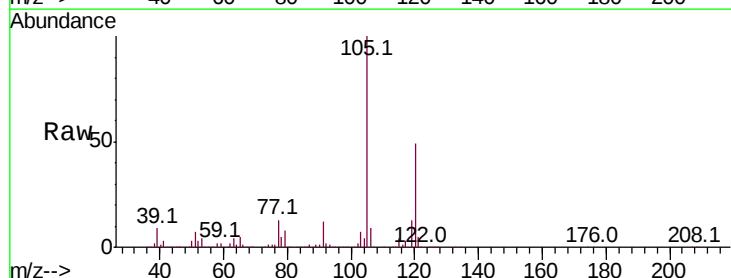
Acq: 04 Sep 2019 11:57

Tgt Ion:105 Resp: 216463

Ion Ratio Lower Upper

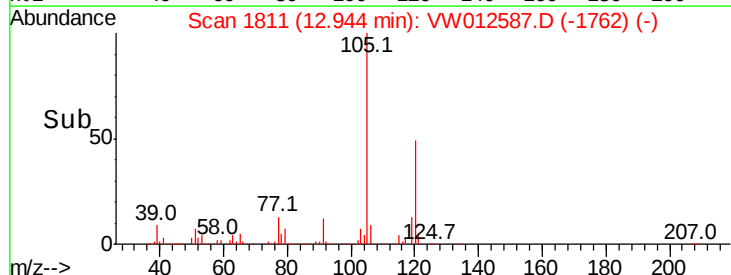
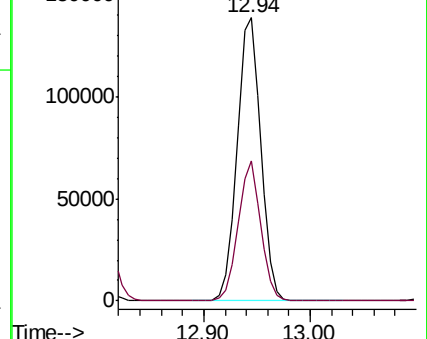
105 100

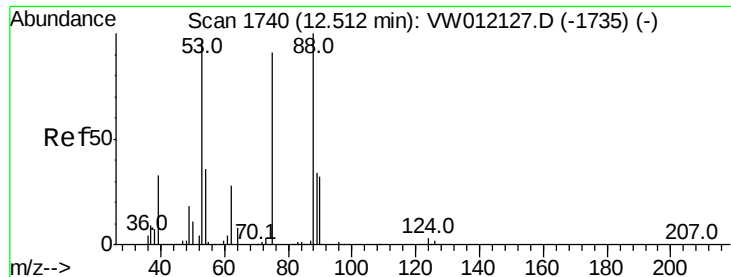
120 47.1 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





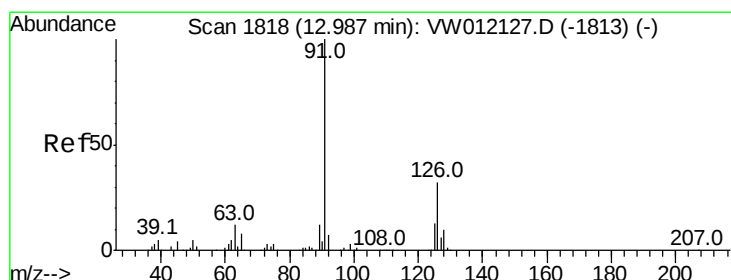
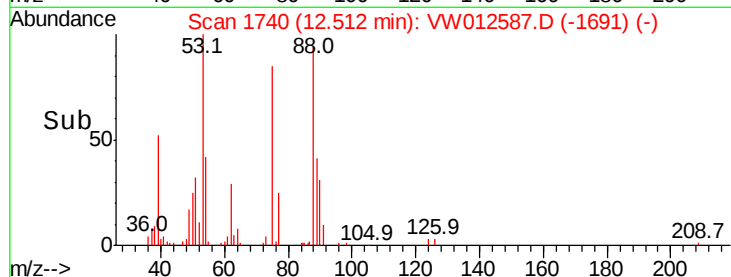
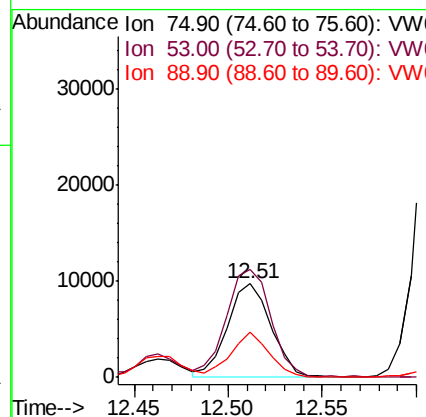
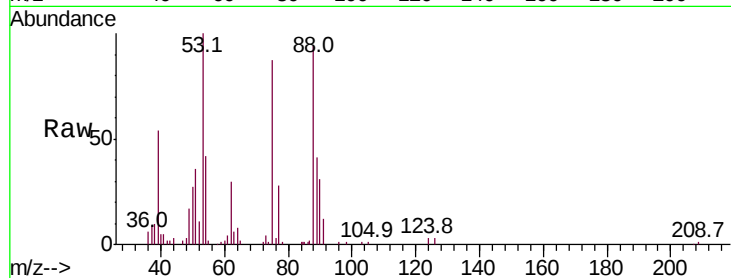
#81
trans-1,4-Dichloro-2-butene
Concen: 22.187 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	122.2	89.4	134.0
89	43.5	34.5	51.7

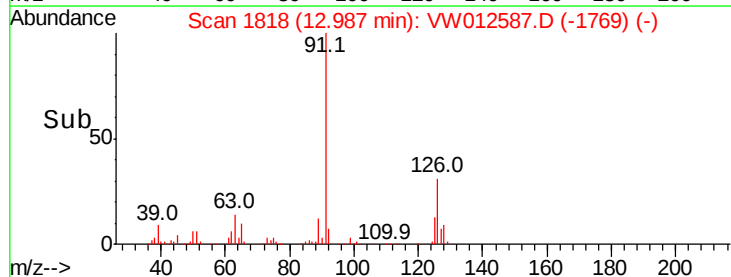
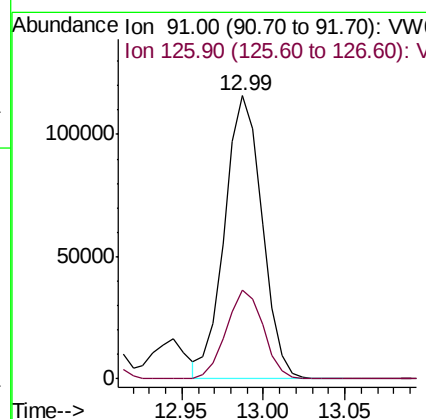
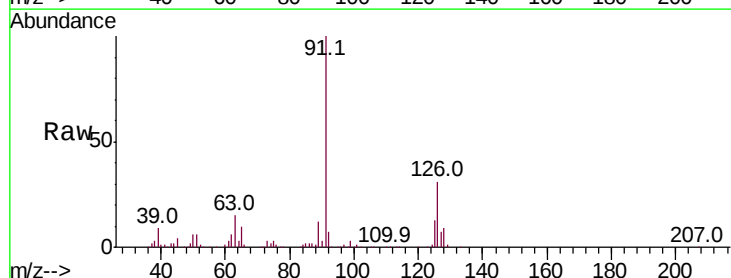
Manual Integrations
APPROVED

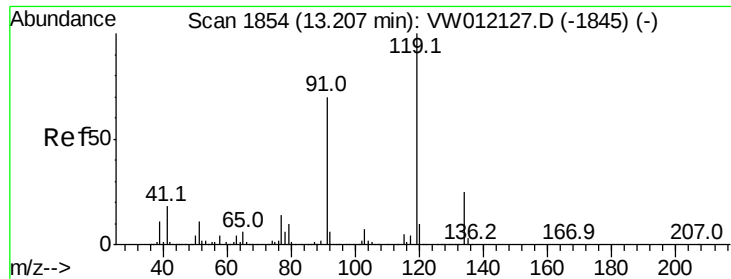
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#82
4-Chlorotoluene
Concen: 22.067 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.6	46.8





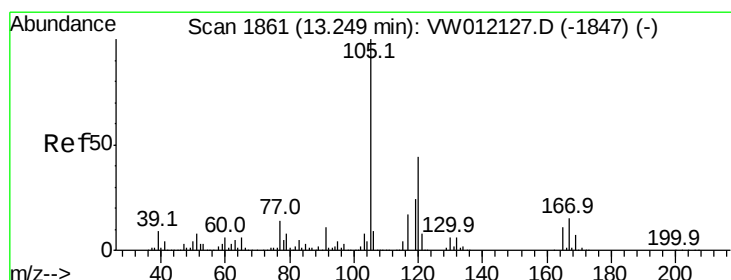
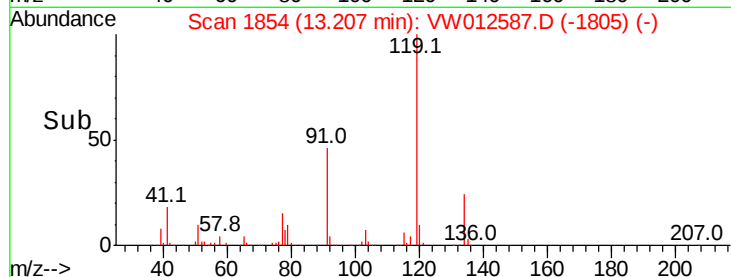
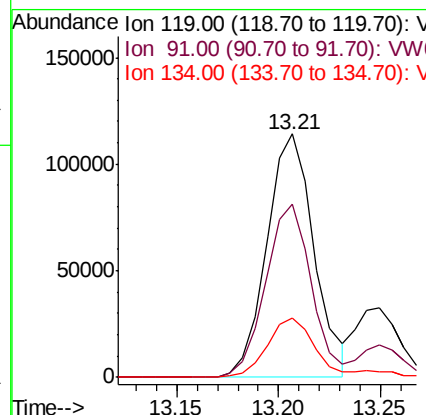
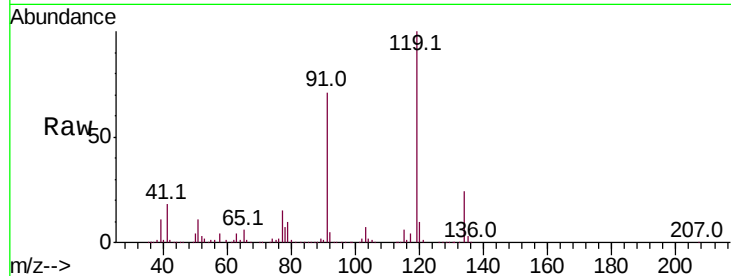
#83
tert-Butylbenzene
Concen: 22.529 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	184567		
91	68.9		34.8	104.3
134	24.2		13.3	39.8

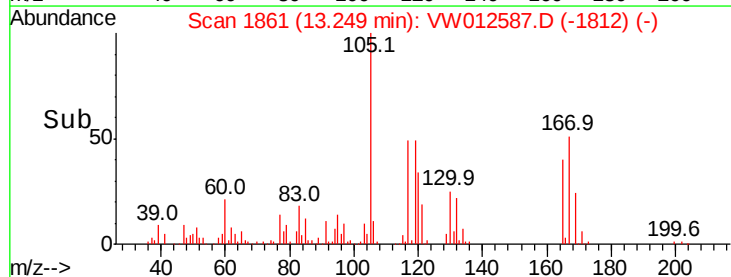
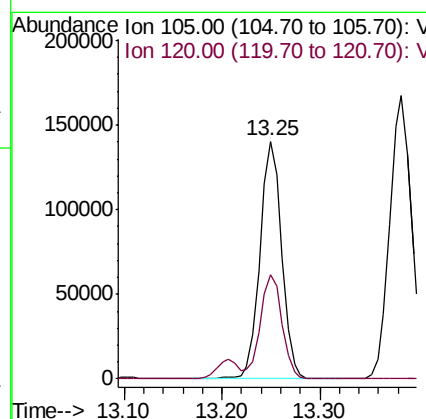
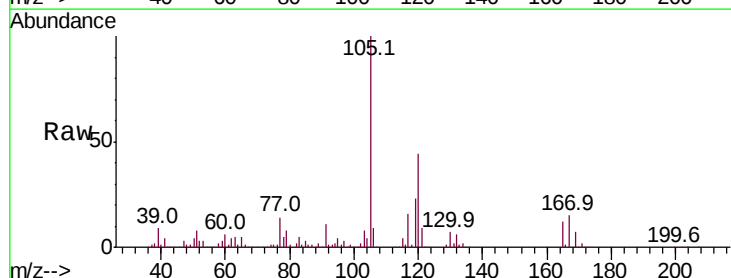
Manual Integrations
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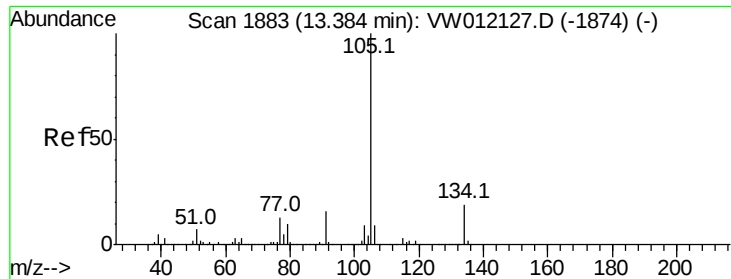
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#84
1,2,4-Trimethylbenzene
Concen: 22.337 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	217006		
120	44.2		21.9	65.7





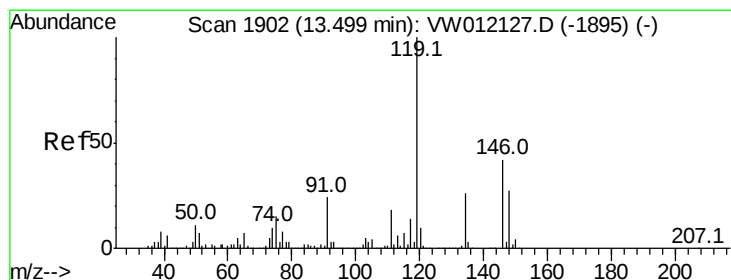
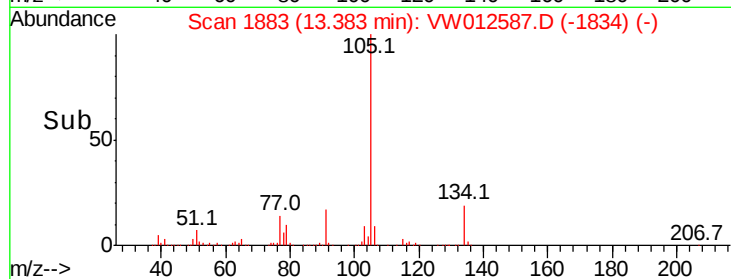
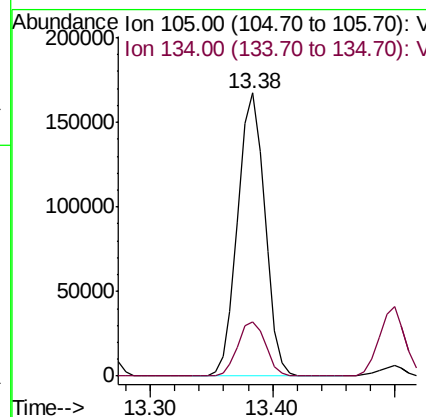
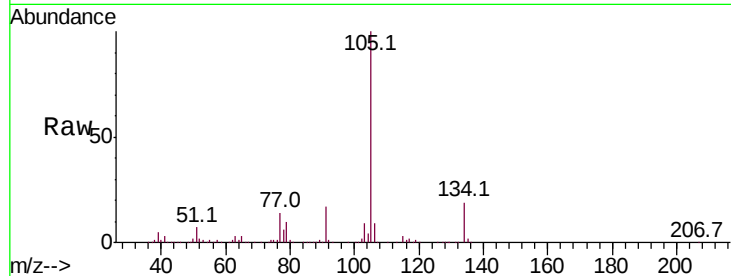
#85
 sec-Butylbenzene
 Concen: 21.967 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012587.D
 Acq: 04 Sep 2019 11:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	257826		
134	19.5	9.8	29.4	

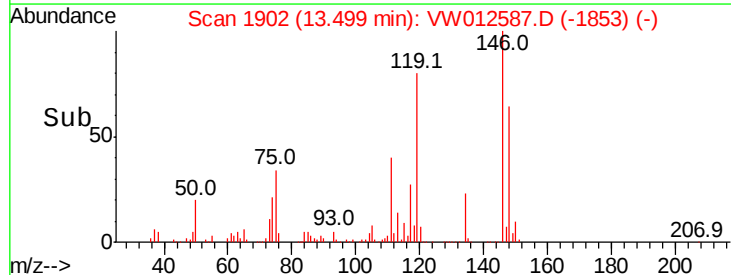
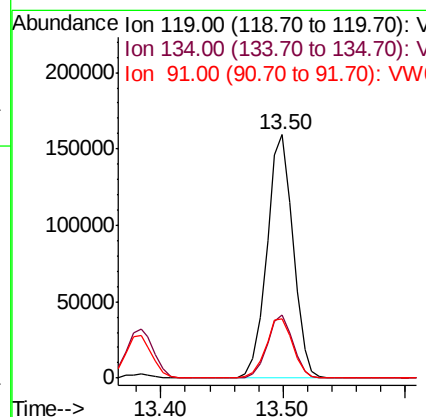
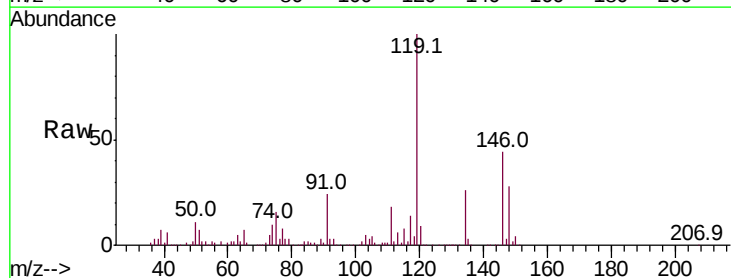
Manual Integrations
 APPROVED

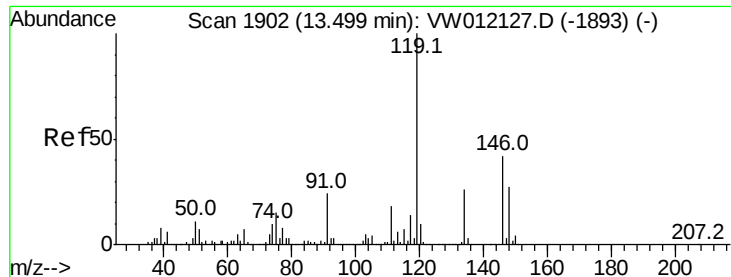
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#86
 p-Isopropyltoluene
 Concen: 22.611 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012587.D
 Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	237007		
134	25.4	12.8	38.3	
91	24.8	12.3	36.9	





#87

1,3-Dichlorobenzene

Concen: 22.796 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

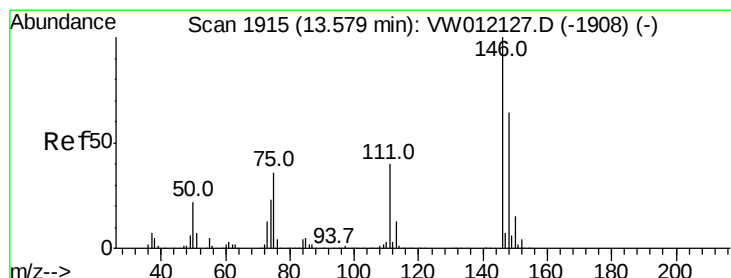
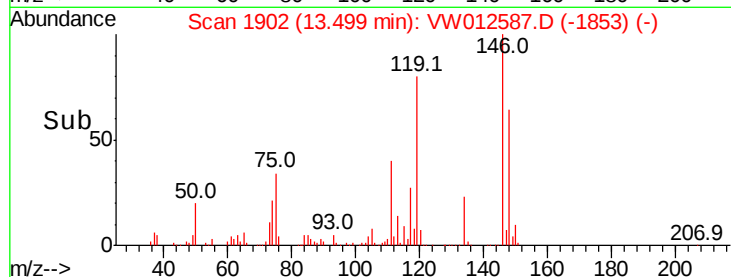
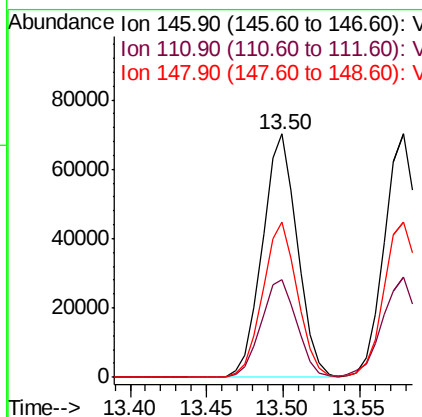
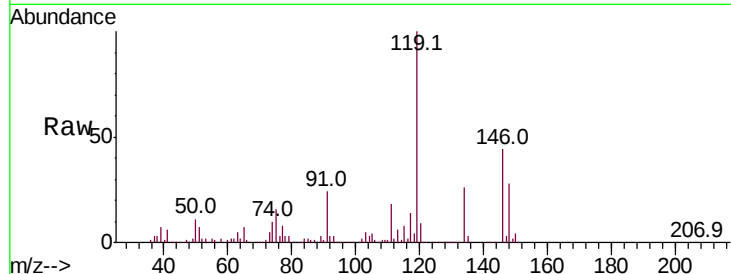
Instrument :
MSVOA_W

ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.2	20.9	62.7	
148	63.4	32.2	96.6	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 22.366 ug/l

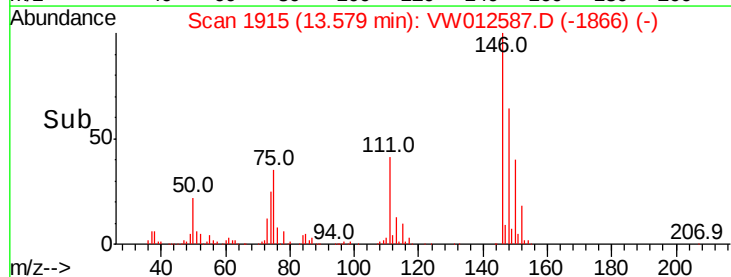
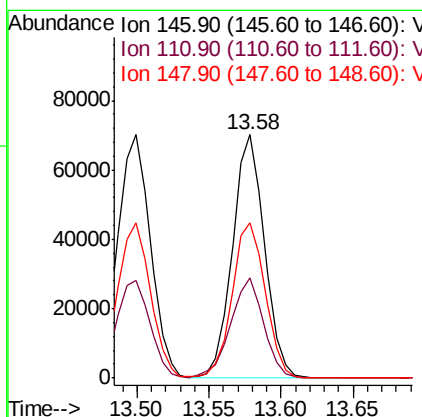
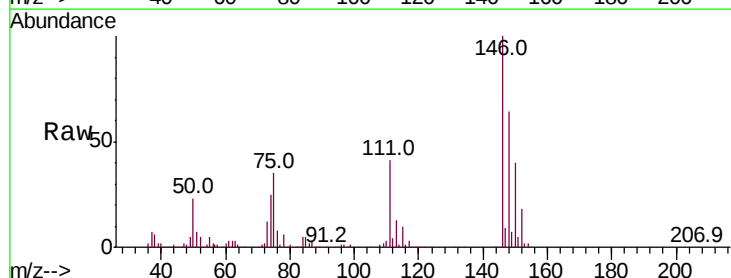
RT: 13.58 min Scan# 1915

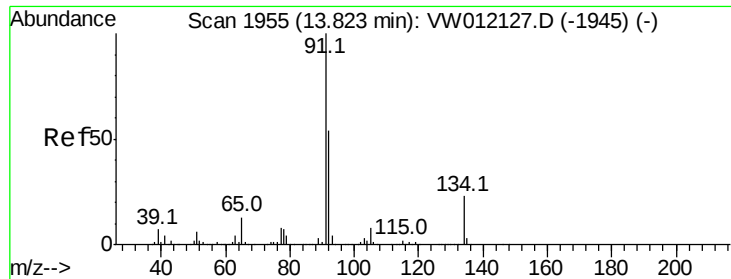
Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.6	20.0	60.0	
148	66.3	32.1	96.3	





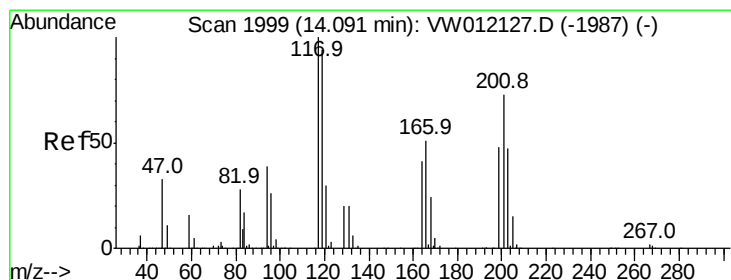
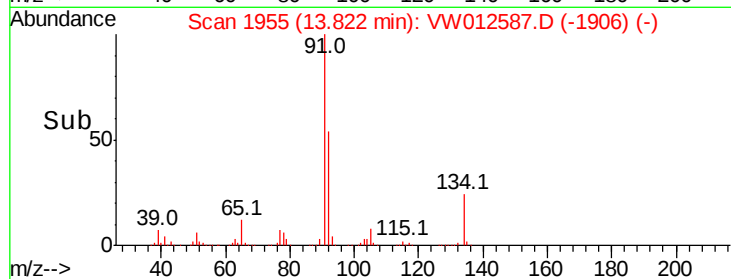
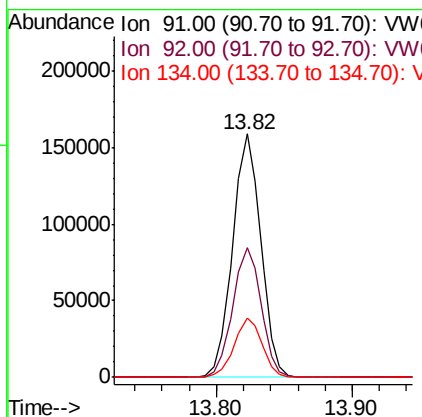
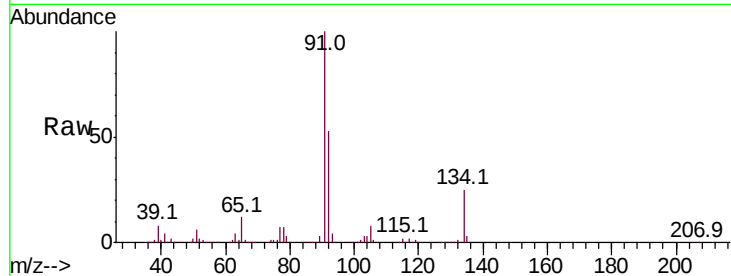
#89
n-Butylbenzene
Concen: 22.078 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	230127		
92	53.8		27.1	81.2
134	24.4		12.2	36.4

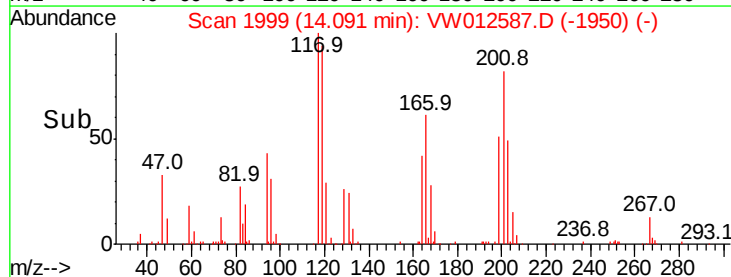
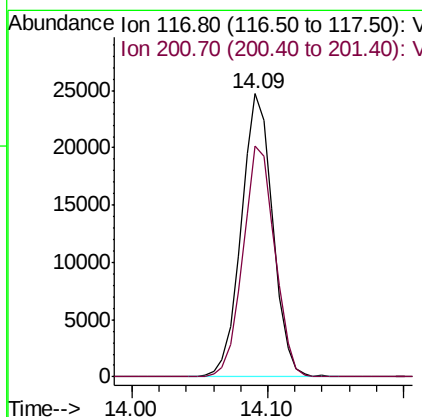
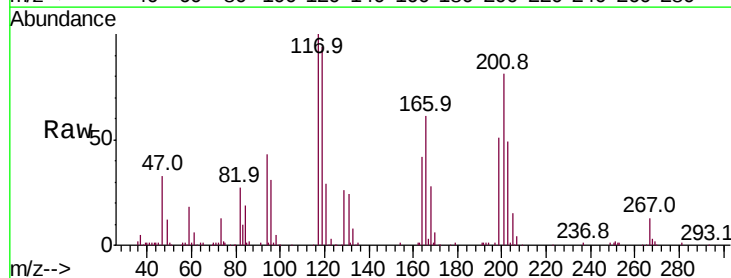
Manual Integrations
APPROVED

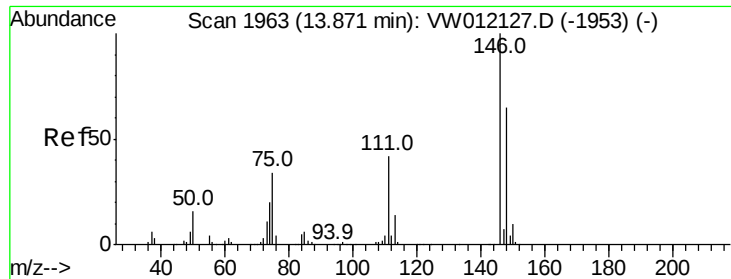
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#90
Hexachloroethane
Concen: 21.661 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012587.D
Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39835		
201	82.7		38.6	115.7





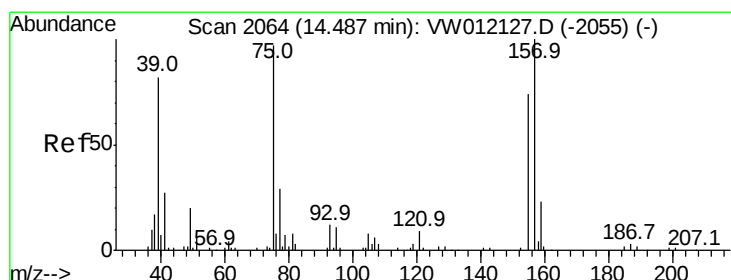
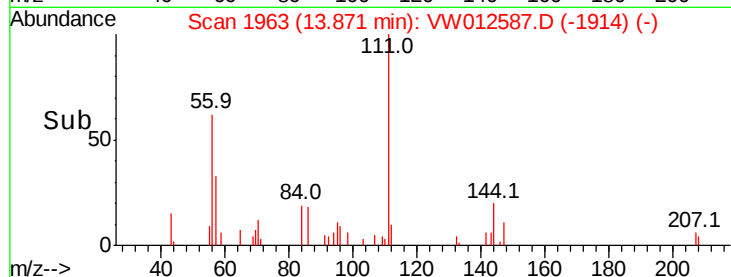
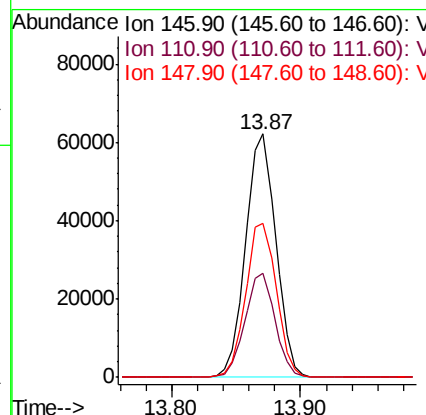
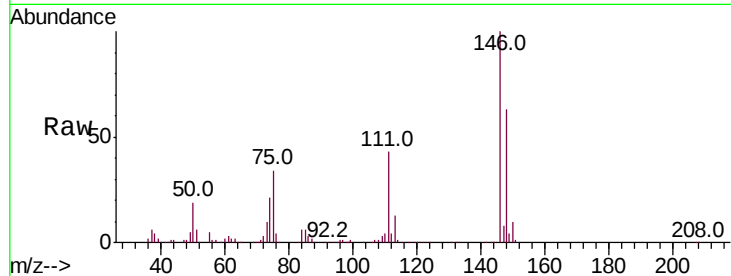
#91
 1,2-Dichlorobenzene
 Concen: 23.448 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012587.D
 Acq: 04 Sep 2019 11:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.2	63.6
148	64.1	32.5	97.4

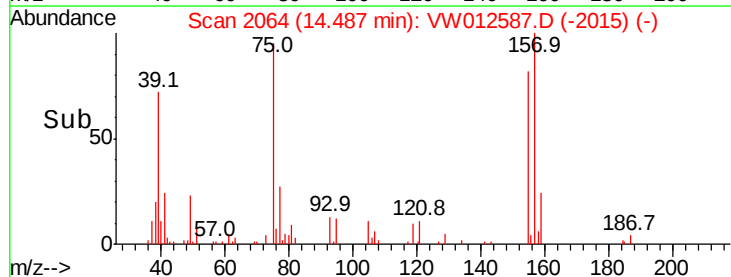
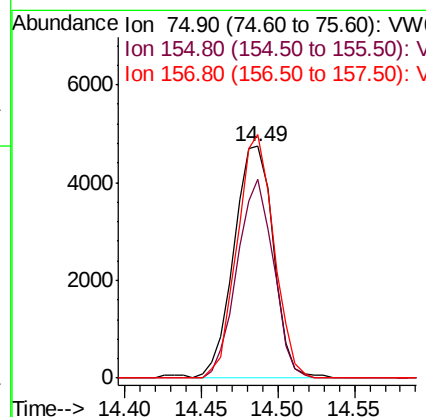
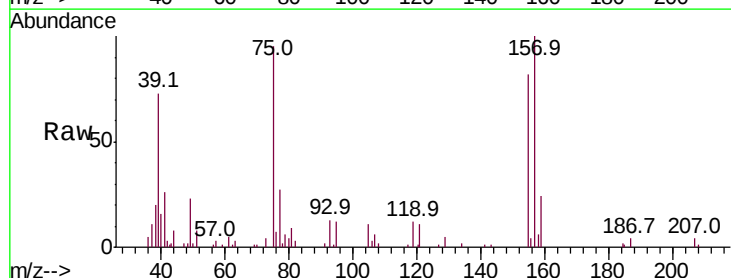
Manual Integrations
 APPROVED

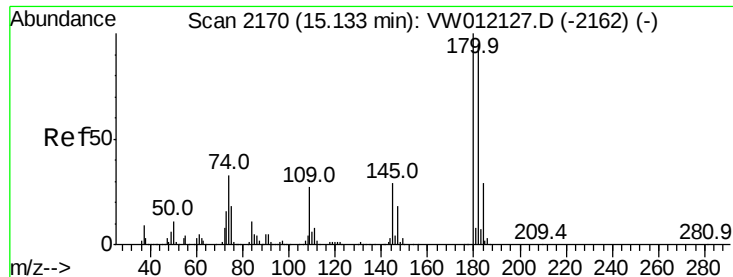
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.779 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012587.D
 Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.8	37.5	112.3
157	97.2	50.5	151.5





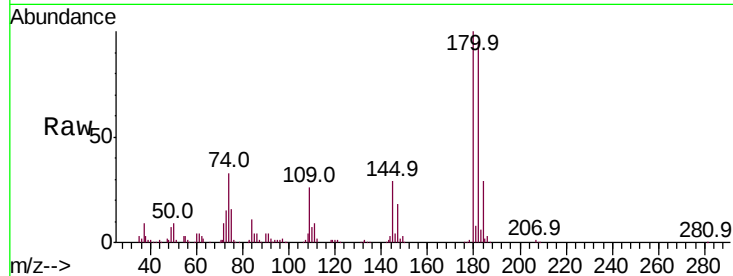
#93
 1,2,4-Trichlorobenzene
 Concen: 23.787 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012587.D
 Acq: 04 Sep 2019 11:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	47.8	143.4	
145	29.8	15.0	45.1	

Manual Integrations
 APPROVED

MMDadoda
 9/7/2019 12:46:11 AM

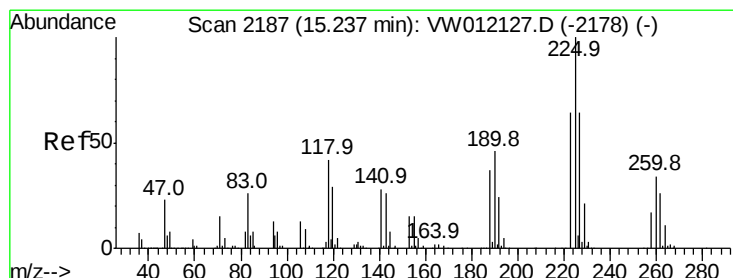
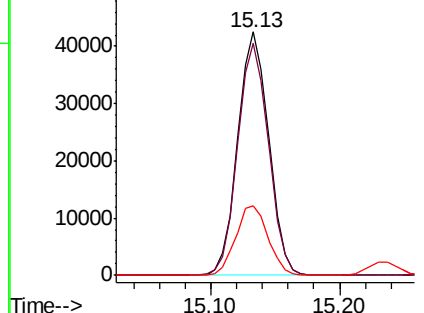
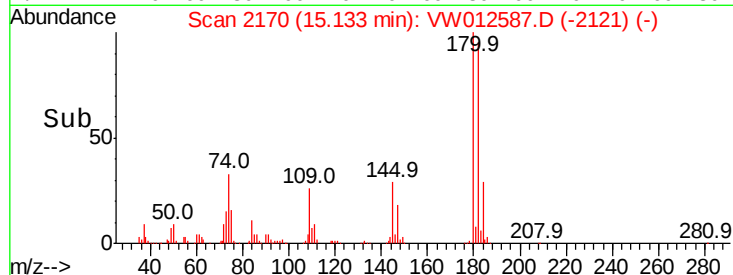


Abundance

Ion 179.80 (179.50 to 180.50): V

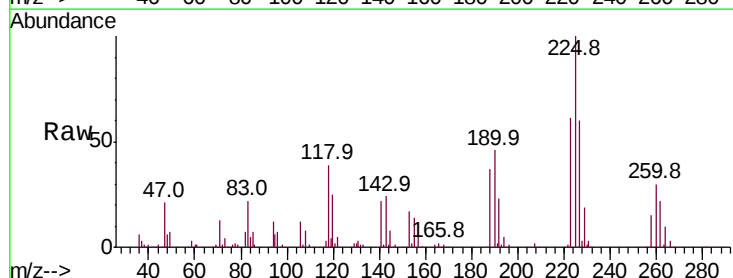
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 24.207 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012587.D
 Acq: 04 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	32.3	96.8	
227	64.0	32.9	98.6	

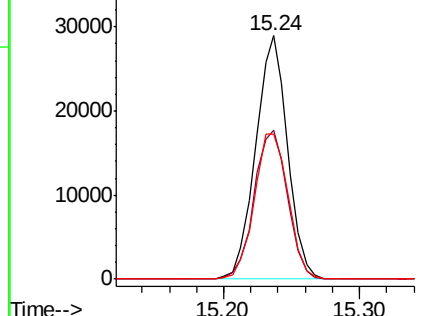
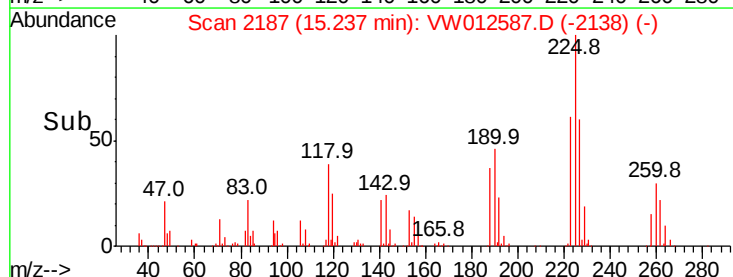


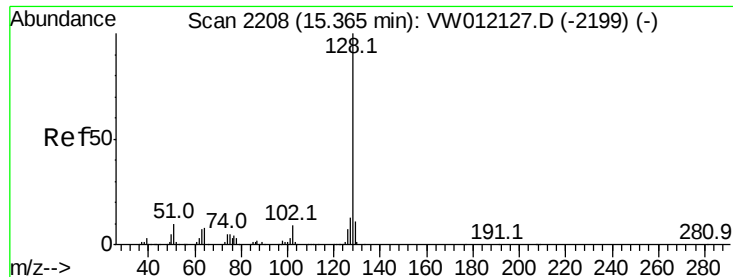
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 23.159 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Instrument :

MSVOA_W

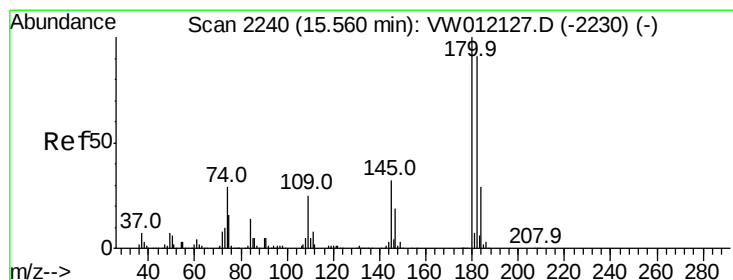
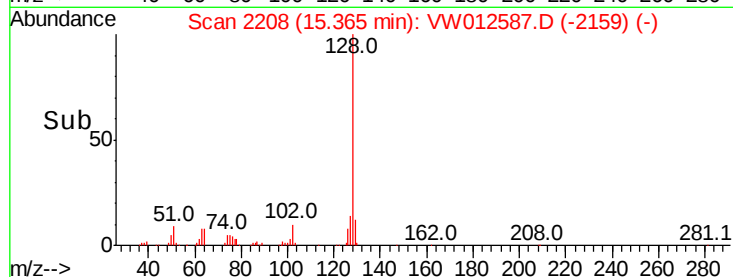
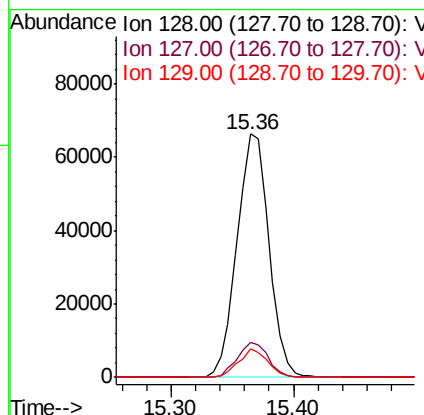
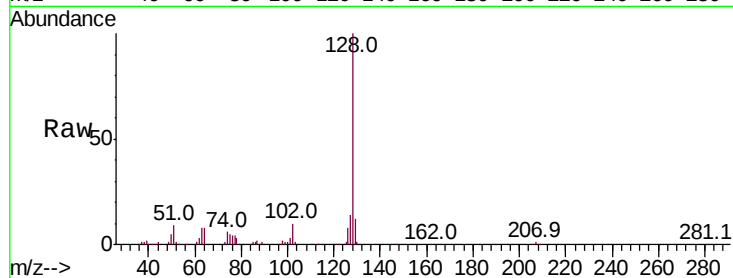
ClientSampleId :

VW0904SBSD01

Tot Ion:	128	Resp:	120138
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.7	16.1
129	10.8	8.7	13.1

Manual Integrations
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9/7/2019 12:46:11 AM



#96

1,2,3-Trichlorobenzene

Concen: 23.511 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW012587.D

Acq: 04 Sep 2019 11:57

Tgt Ion:	180	Resp:	60904
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.1	141.3
145	32.0	16.2	48.5

