

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012490.D
 Acq On : 02 Sep 2019 11:24
 Operator : SY/VA
 Sample : VW0902SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 10:56:12 AM

Quant Time: Sep 03 07:55:17 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	198114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	310102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130025	55.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.42%	
35) Dibromofluoromethane	7.88	113	101004	54.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.14%	
50) Toluene-d8	10.32	98	403929	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
62) 4-Bromofluorobenzene	12.62	95	144116	54.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.94%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	20703	16.972	ug/l	99
3) Chloromethane	2.21	50	34676	18.348	ug/l	100
4) Vinyl Chloride	2.36	62	39037	16.876	ug/l	97
5) Bromomethane	2.75	94	18123	15.470	ug/l	96
6) Chloroethane	2.90	64	21963	16.831	ug/l	91
7) Trichlorofluoromethane	3.25	101	23708	20.411	ug/l	100
8) Diethyl Ether	3.68	74	21012	19.058	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38454	19.477	ug/l	100
10) Methyl Iodide	4.26	142	48107	18.009	ug/l	97
11) Tert butyl alcohol	5.18	59	15309	108.017	ug/l	100
12) 1,1-Dichloroethene	4.03	96	36776	18.507	ug/l	95
13) Acrolein	3.89	56	10221	76.612	ug/l	96
14) Allyl chloride	4.66	41	83077	19.555	ug/l	100
15) Acrylonitrile	5.36	53	55857	102.215	ug/l	99
16) Acetone	4.12	43	61163	101.598	ug/l	99
17) Carbon Disulfide	4.37	76	90175	15.015	ug/l	97
18) Methyl Acetate	4.66	43	34462	23.112	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	69668	21.679	ug/l	100
20) Methylene Chloride	4.90	84	42522	18.684	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	40561	19.034	ug/l	98
22) Diisopropyl ether	6.31	45	160653	20.401	ug/l	96
23) Vinyl Acetate	6.25	43	472478	97.495	ug/l	100
24) 1,1-Dichloroethane	6.21	63	84394	19.683	ug/l	100
25) 2-Butanone	7.17	43	82600	100.970	ug/l	99
26) 2,2-Dichloropropane	7.17	77	52514	21.639	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	44550	19.568	ug/l	95
28) Bromochloromethane	7.51	49	38759	20.741	ug/l	98
29) Tetrahydrofuran	7.53	42	50410	102.709	ug/l	99
30) Chloroform	7.67	83	82039	20.914	ug/l	96
31) Cyclohexane	7.95	56	77136	18.184	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	65143	20.992	ug/l	99
36) 1,1-Dichloropropene	8.07	75	66304	20.691	ug/l	98
37) Ethyl Acetate	7.24	43	36318	20.682	ug/l	100
38) Carbon Tetrachloride	8.06	117	59079	21.300	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	69083	19.189	ug/l	97
40) Benzene	8.32	78	174320	19.922	ug/l	99
41) Methacrylonitrile	7.48	41	22278	21.585	ug/l	98
42) 1,2-Dichloroethane	8.40	62	59576	21.724	ug/l	100
43) Isopropyl Acetate	8.42	43	66285	20.378	ug/l	99
44) Trichloroethene	9.09	130	43855	20.617	ug/l	94
45) 1,2-Dichloropropane	9.37	63	48045	20.402	ug/l	98
46) Dibromomethane	9.46	93	21823	20.828	ug/l	98
47) Bromodichloromethane	9.64	83	59059	21.179	ug/l	96
48) Methyl methacrylate	9.43	41	31980	20.657	ug/l	98
49) 1,4-Dioxane	9.45	88	6341	395.313	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	172869	104.488	ug/l	100
52) Toluene	10.38	92	107088	20.372	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	57705	20.315	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	67952	19.812	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	31703	21.385	ug/l	98
56) Ethyl methacrylate	10.65	69	44609	20.675	ug/l	99
57) 1,3-Dichloropropane	10.93	76	58729	20.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	116971	105.632	ug/l	100
59) 2-Hexanone	10.97	43	123219	105.259	ug/l	98
60) Dibromochloromethane	11.13	129	33987	20.583	ug/l	97
61) 1,2-Dibromoethane	11.23	107	27905	20.205	ug/l	97
64) Tetrachloroethene	10.86	164	36461	21.284	ug/l	98
65) Chlorobenzene	11.66	112	109388	21.024	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	39163	21.576	ug/l	98
67) Ethyl Benzene	11.73	91	208563	20.809	ug/l	100
68) m/p-Xylenes	11.84	106	150872	41.790	ug/l	99
69) o-Xylene	12.16	106	69020	20.656	ug/l	99
70) Styrene	12.18	104	121334	20.979	ug/l	99
71) Bromoform	12.35	173	19632	21.709	ug/l #	98
73) Isopropylbenzene	12.46	105	199880	20.896	ug/l	98
74) N-amyl acetate	12.27	43	57967	20.058	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	36540	20.836	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	24888m	20.018	ug/l	
77) Bromobenzene	12.74	156	43156	20.854	ug/l	98
78) n-propylbenzene	12.80	91	244524	20.940	ug/l	99
79) 2-Chlorotoluene	12.89	91	138067	20.825	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	167710	20.982	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	11915	21.012	ug/l	99
82) 4-Chlorotoluene	12.99	91	147076	21.186	ug/l	100
83) tert-Butylbenzene	13.21	119	143114	21.137	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	167877	20.908	ug/l	99
85) sec-Butylbenzene	13.38	105	203505	20.979	ug/l	100
86) p-Isopropyltoluene	13.50	119	180598	20.847	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	84502	20.877	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	84042	20.911	ug/l	98
89) n-Butylbenzene	13.82	91	179296	20.813	ug/l	99
90) Hexachloroethane	14.09	117	31212	20.536	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	74098	20.867	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6005	20.312	ug/l	96

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QLast Update : Mon Aug 26 07:18:31 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	49846	20.313	ug/l	98
94) Hexachlorobutadiene	15.24	225	33678	20.785	ug/l	99
95) Naphthalene	15.36	128	82560	19.985	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	41872	19.558	ug/l	96

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

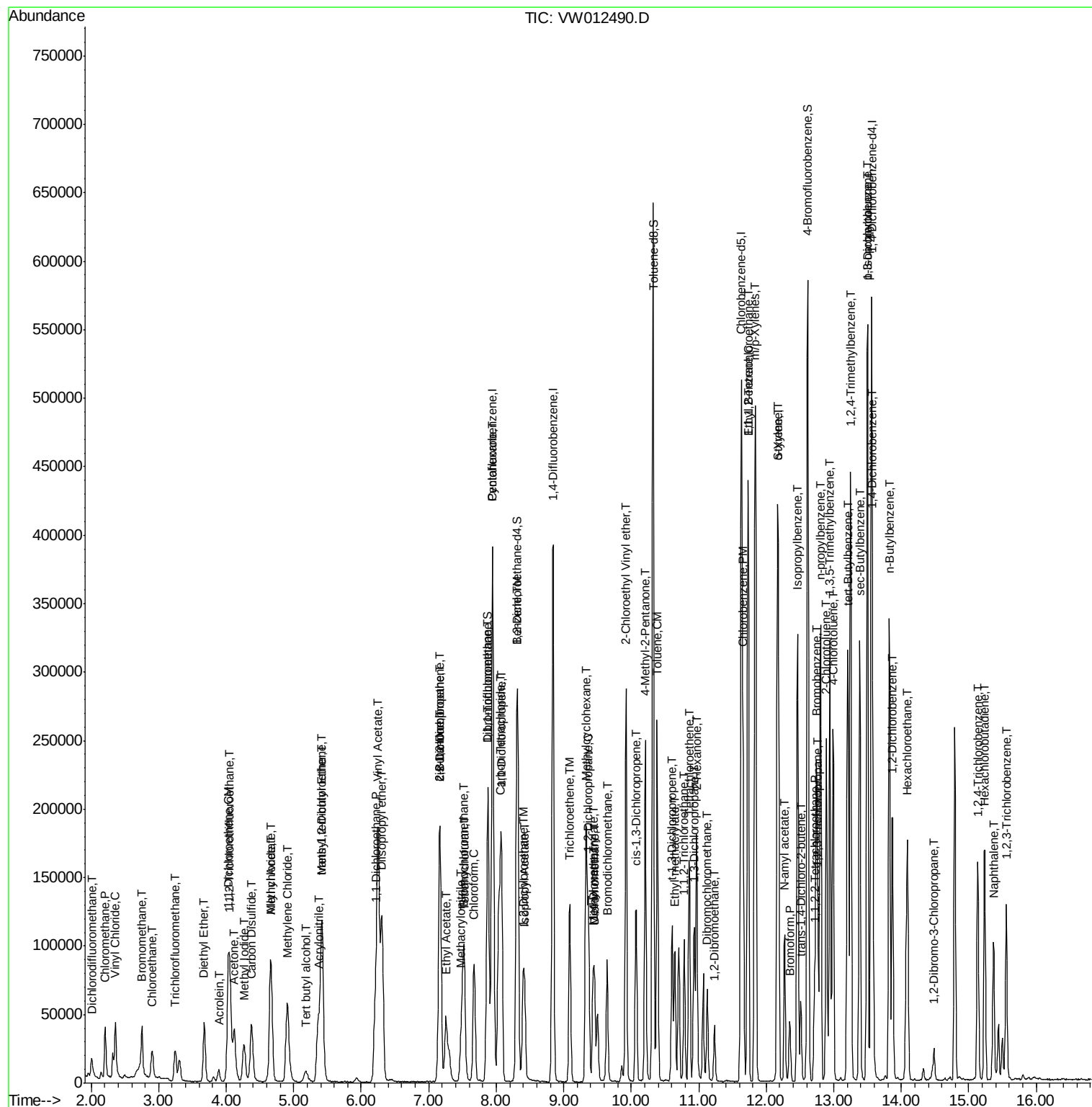
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090219\
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Operator : SY/VA
Sample : VW0902SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
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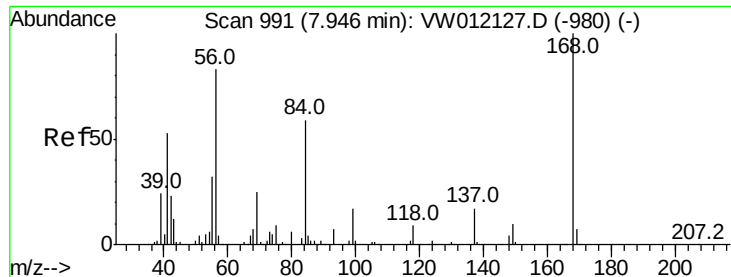
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

Tot Ion:168 Resp: 198114

Ion Ratio Lower Upper

168 100

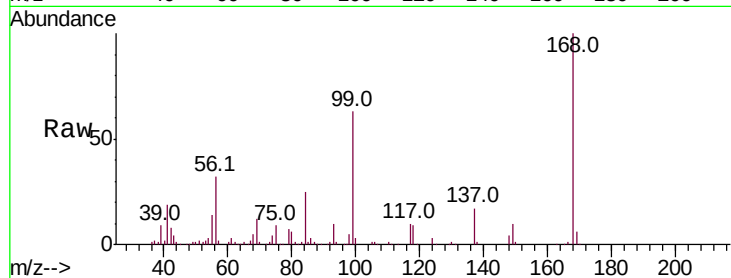
99 62.5 49.2 73.8

Manual Integrations

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9/3/2019 10:56:12 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

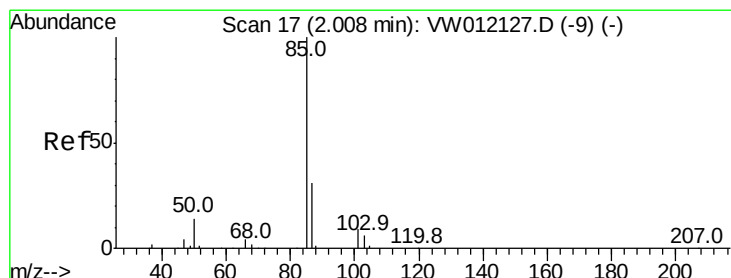
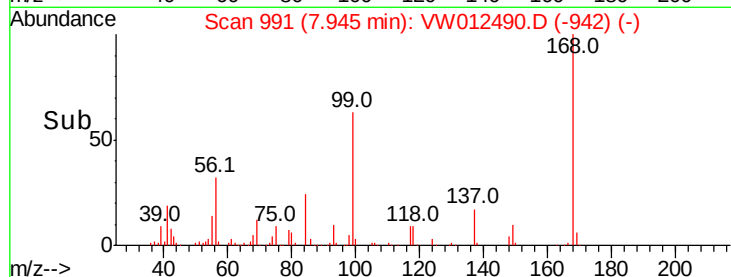
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 16.972 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012490.D

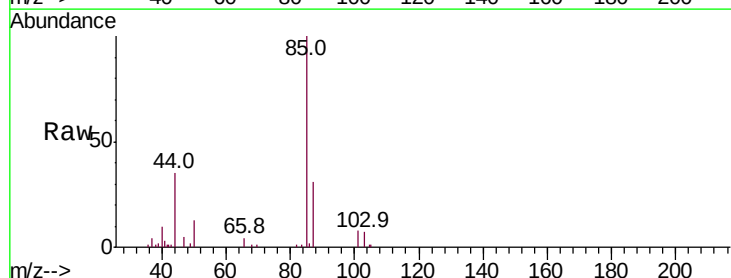
Acq: 02 Sep 2019 11:24

Tgt Ion: 85 Resp: 20703

Ion Ratio Lower Upper

85 100

87 30.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

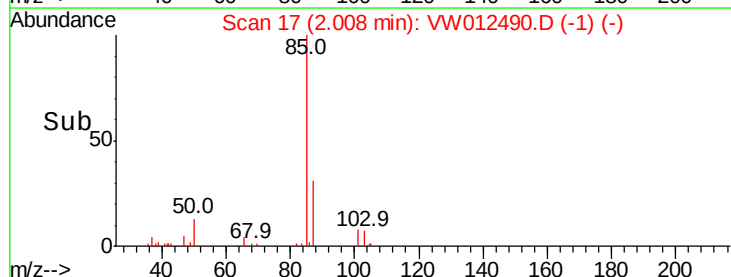
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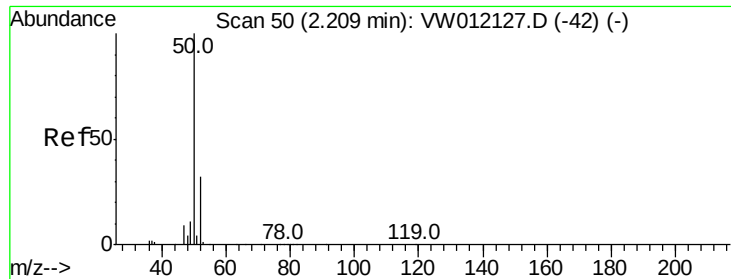
2000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 18.348 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

Tot Ion: 50 Resp: 34676

Ion Ratio Lower Upper

50 100

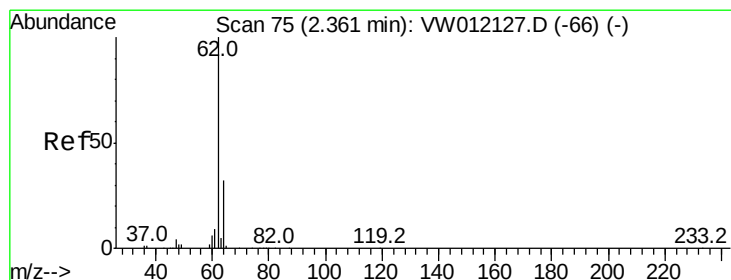
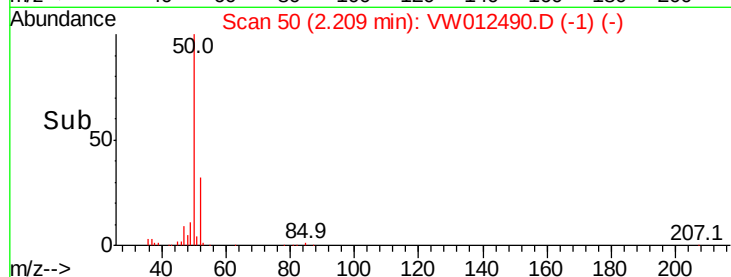
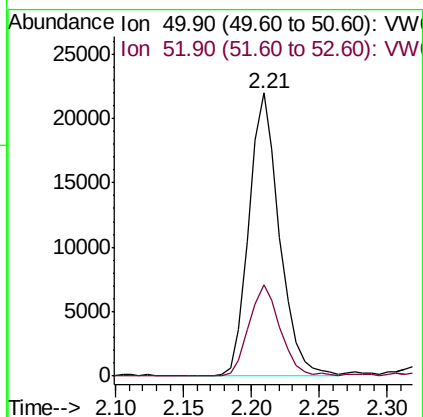
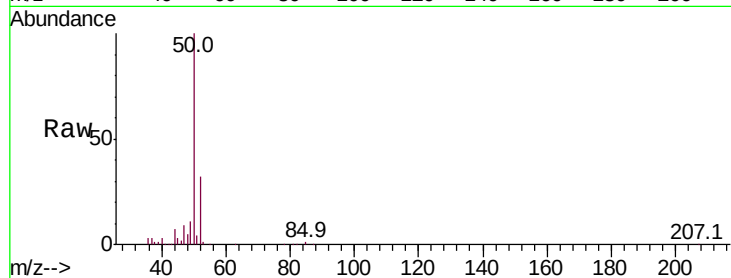
52 32.1 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.876 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012490.D

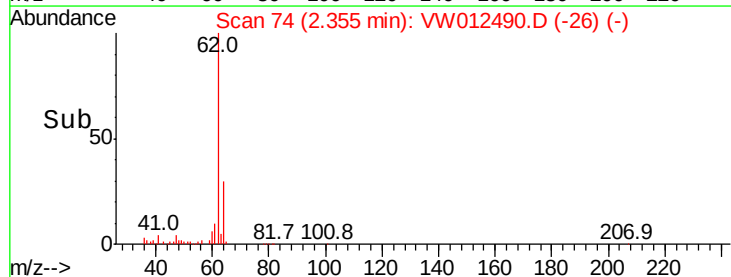
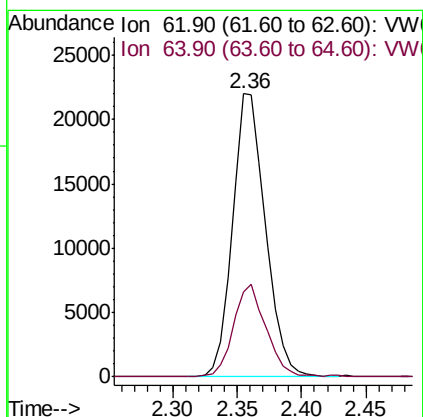
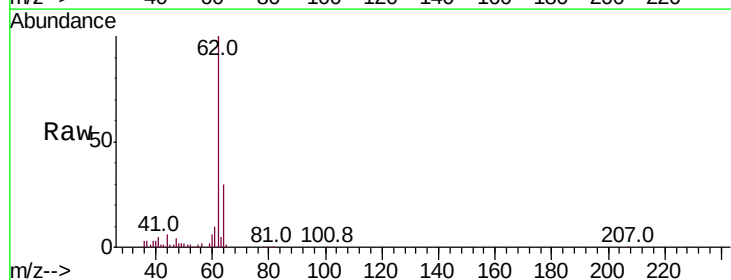
Acq: 02 Sep 2019 11:24

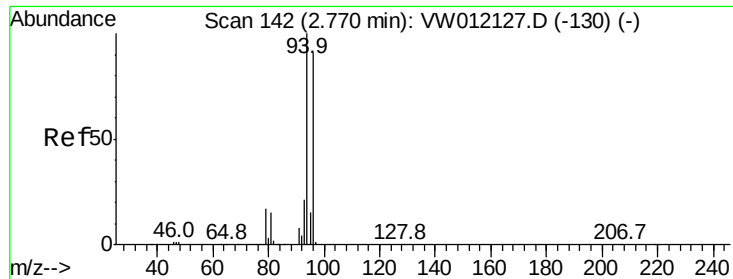
Tgt Ion: 62 Resp: 39037

Ion Ratio Lower Upper

62 100

64 30.0 25.3 37.9





#5

Bromomethane

Concen: 15.470 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

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ClientSampleId :

VW0902SBS01

Tot Ion: 94 Resp: 18123

Ion Ratio Lower Upper

94 100

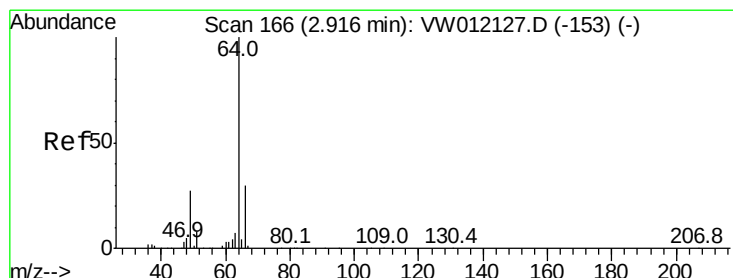
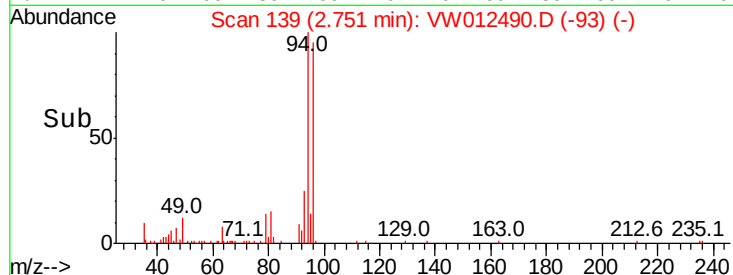
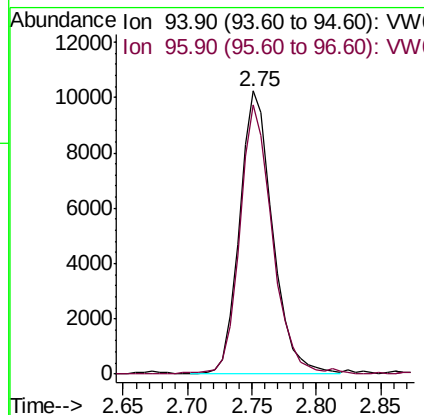
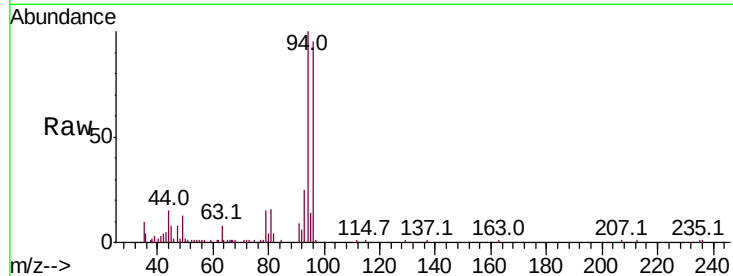
96 94.7 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 16.831 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012490.D

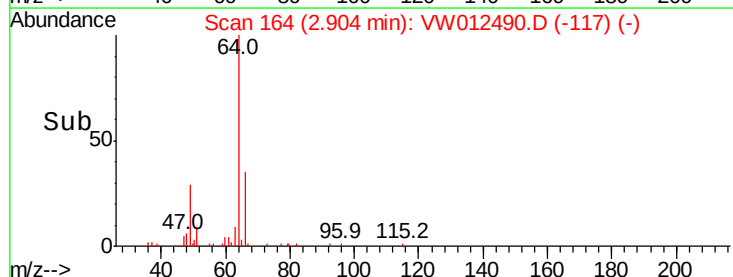
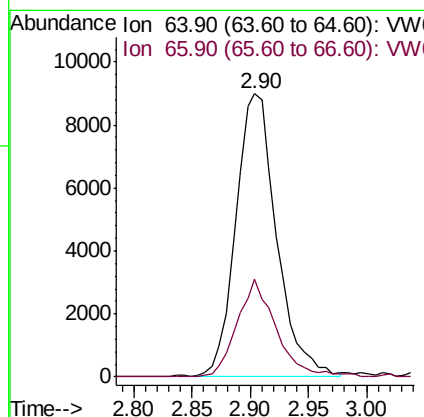
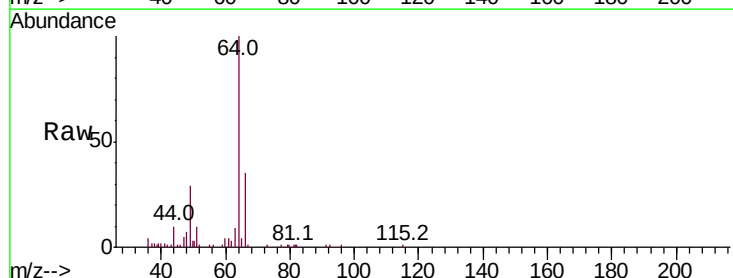
Acq: 02 Sep 2019 11:24

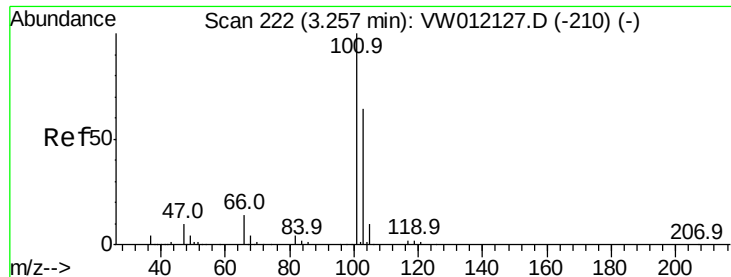
Tgt Ion: 64 Resp: 21963

Ion Ratio Lower Upper

64 100

66 34.5 23.8 35.8





#7

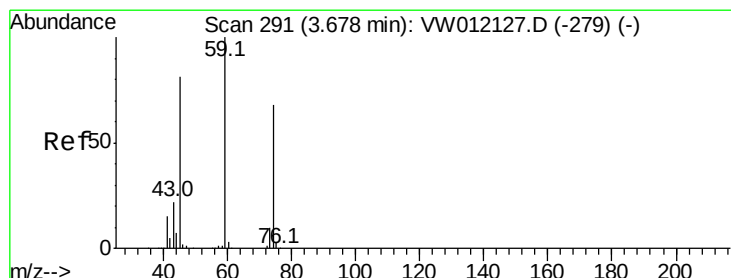
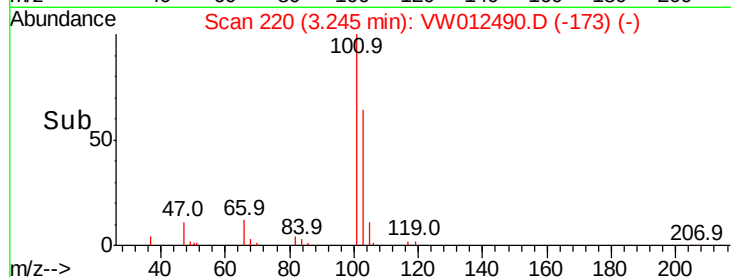
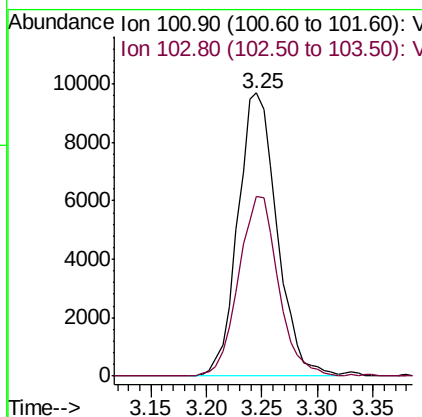
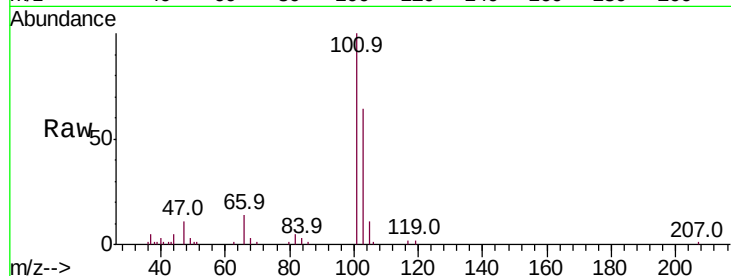
Trichlorofluoromethane
 Concen: 20.411 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.2	76.8

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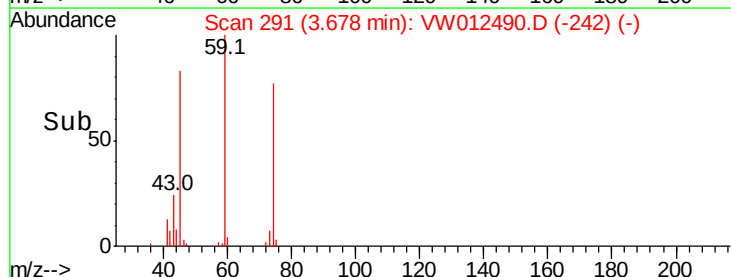
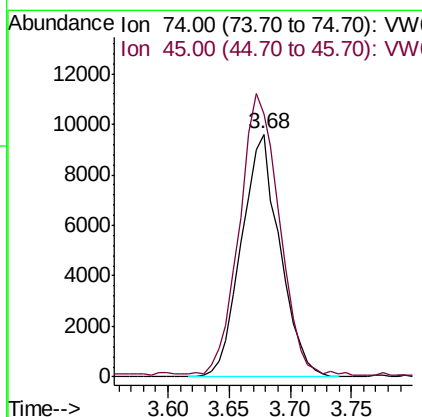
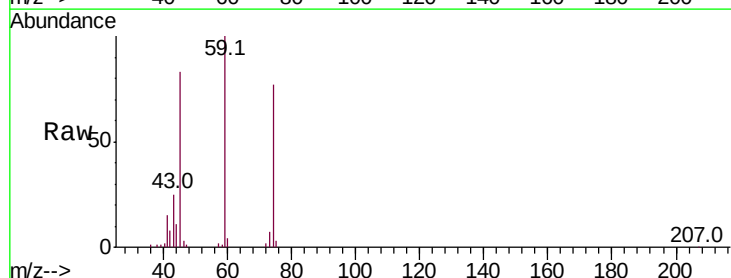
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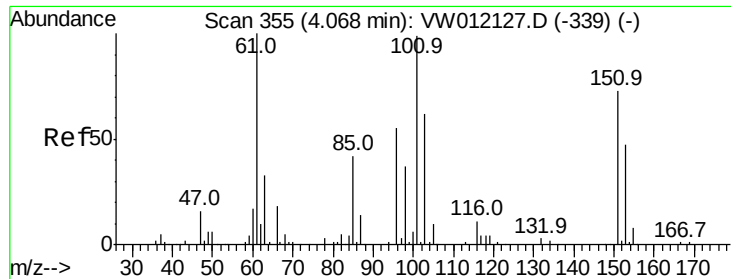


#8

Diethyl Ether
 Concen: 19.058 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	120.8	59.2	177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.477 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

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MSVOA_W

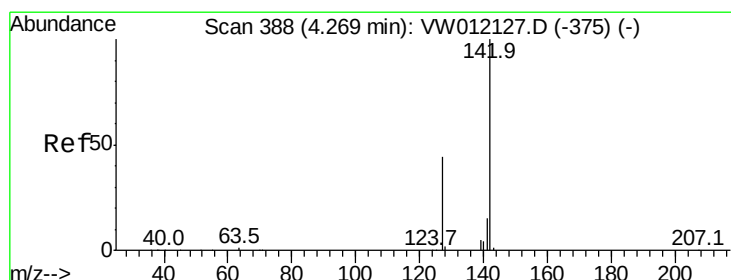
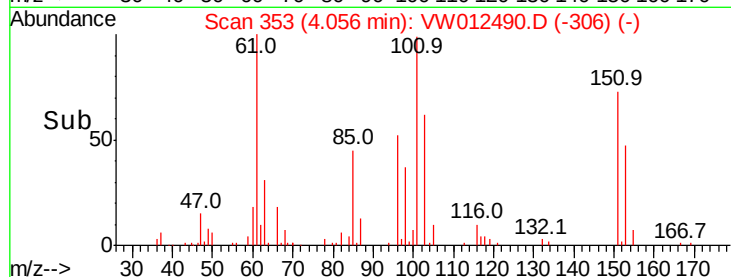
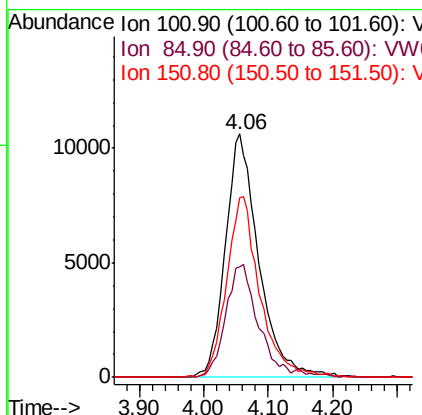
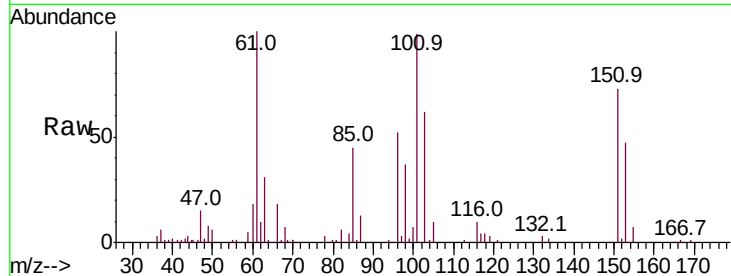
ClientSampled :

VW0902SBS01

Tot Ion:	101	Resp:	38454
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.8	53.6
151	73.2	58.6	87.8

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#10

Methyl Iodide

Concen: 18.009 ug/l

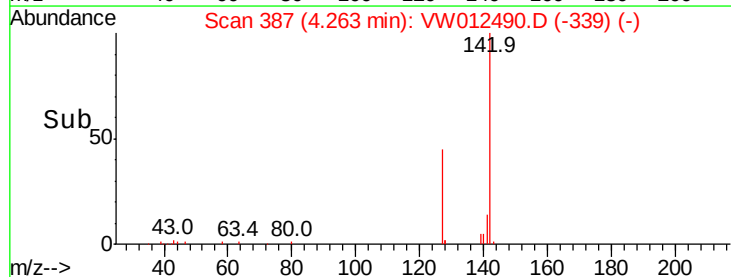
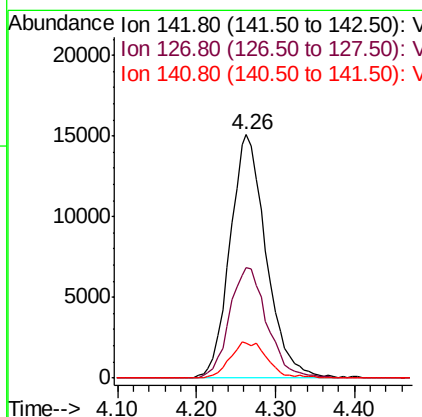
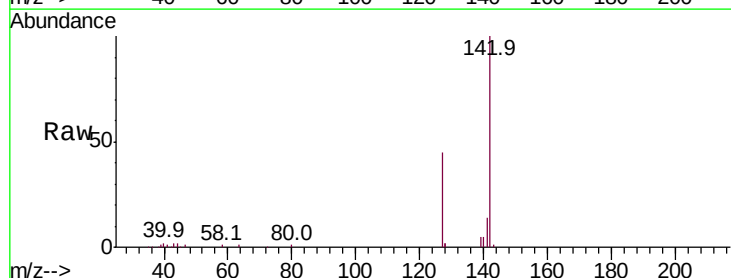
RT: 4.26 min Scan# 387

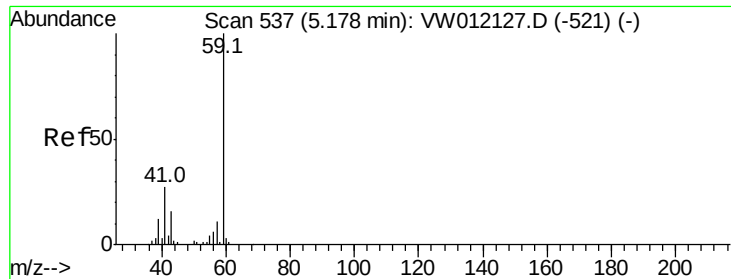
Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Tgt Ion:	142	Resp:	48107
Ion Ratio	Lower	Upper	
142	100		
127	46.8	35.5	53.3
141	15.3	11.8	17.8





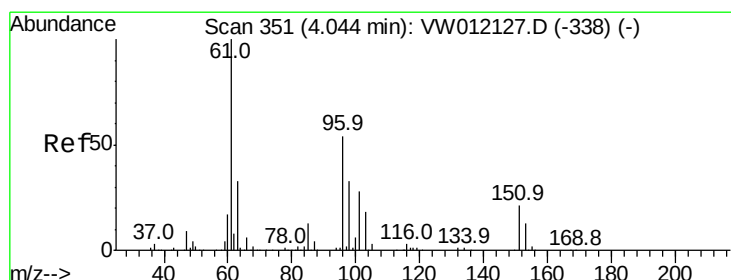
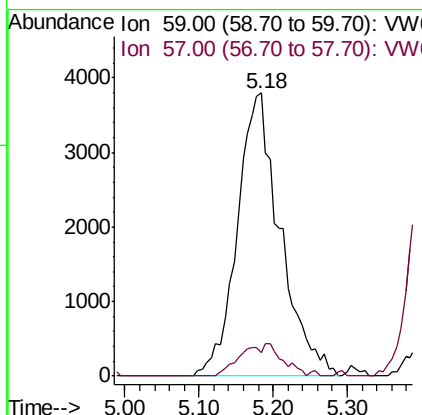
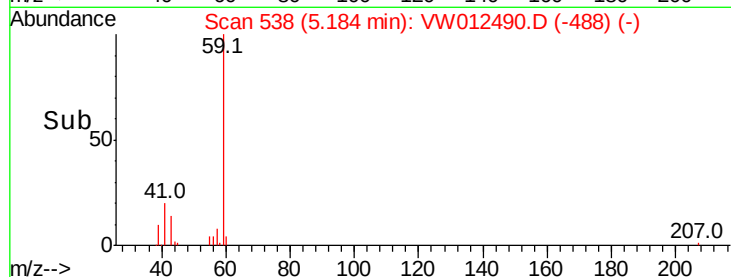
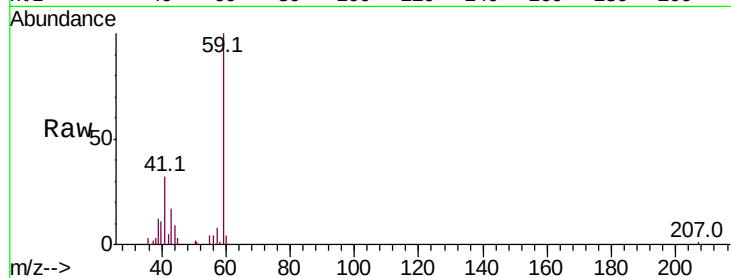
#11
Tert butyl alcohol
Concen: 108.017 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tot Ion: 59 Resp: 15309
Ion Ratio Lower Upper
59 100
57 11.1 9.0 13.4

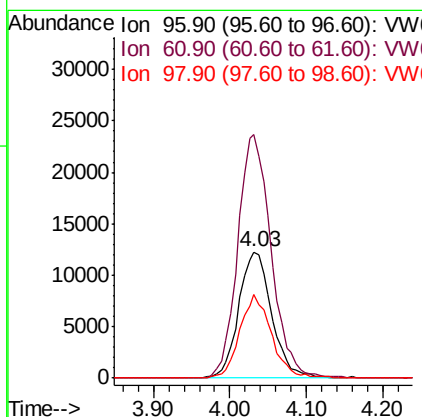
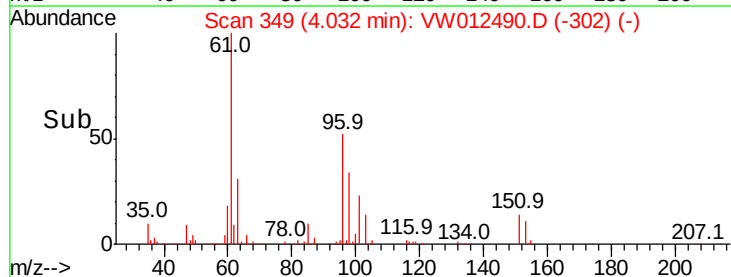
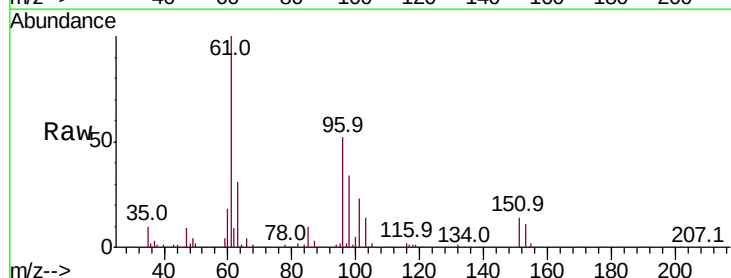
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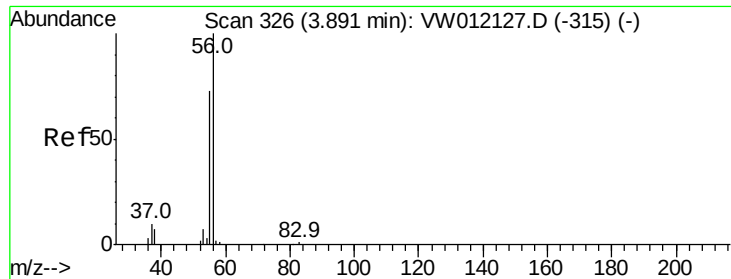
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.507 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion: 96 Resp: 36776
Ion Ratio Lower Upper
96 100
61 193.2 149.1 223.7
98 66.5 49.4 74.2





#13

Acrolein

Concen: 76.612 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

Tot Ion: 56 Resp: 10221

Ion Ratio Lower Upper

56 100

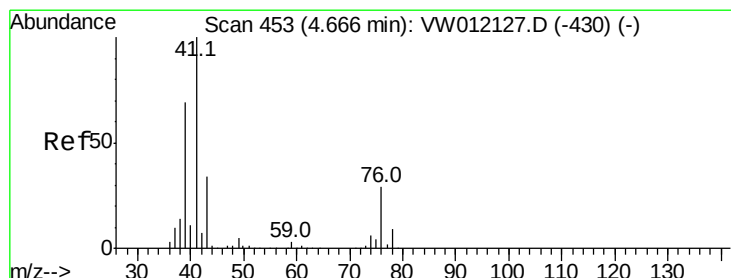
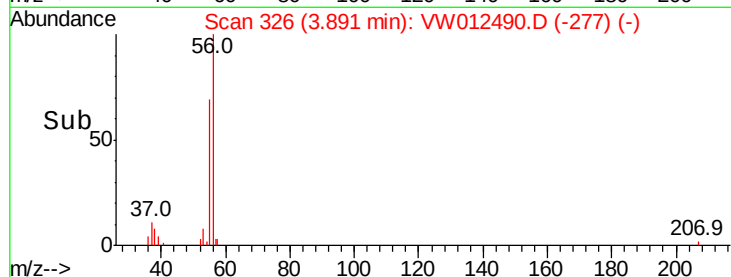
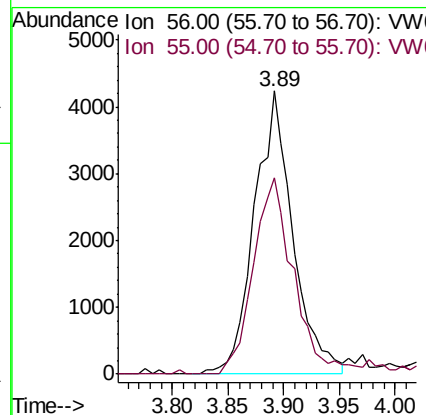
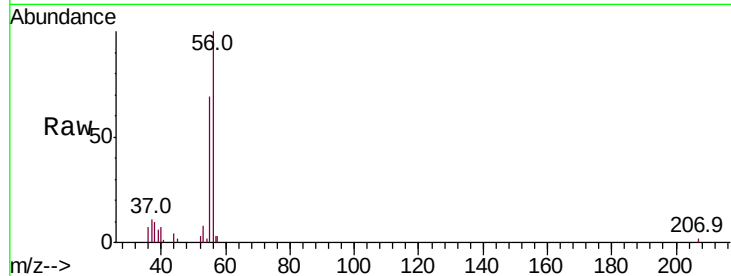
55 72.9 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 19.555 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

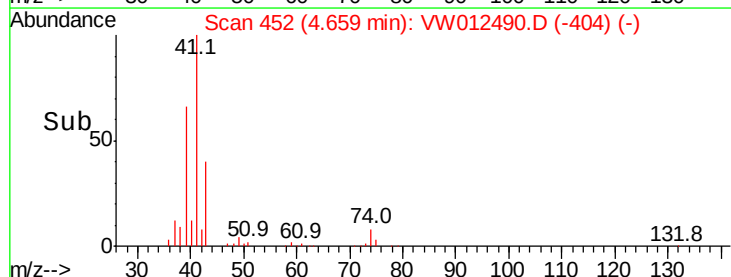
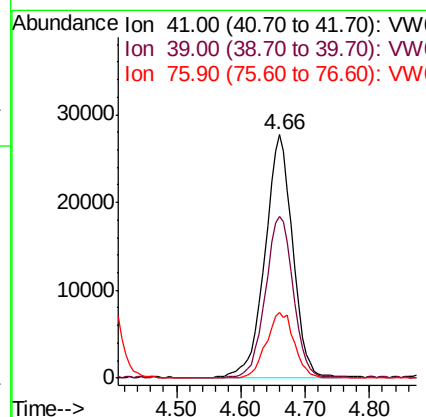
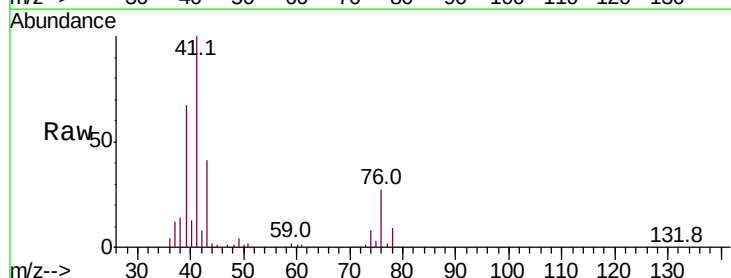
Tgt Ion: 41 Resp: 83077

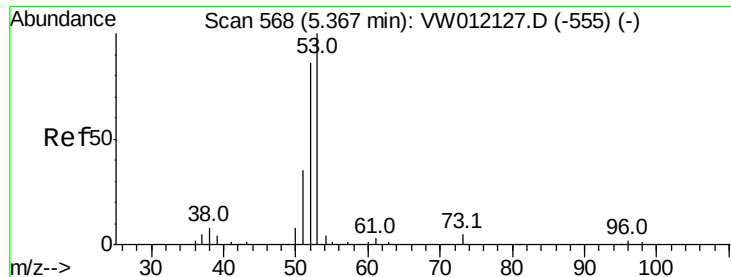
Ion Ratio Lower Upper

41 100

39 66.6 53.4 80.2

76 27.2 22.1 33.1





#15

Acrylonitrile

Concen: 102.215 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

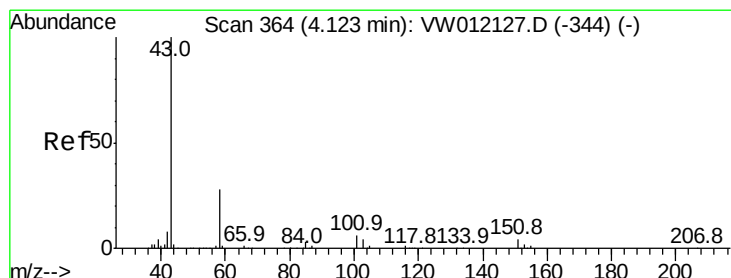
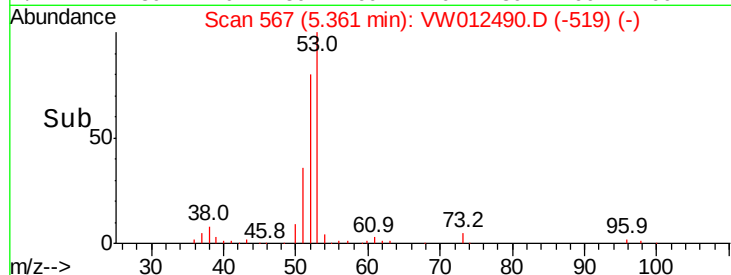
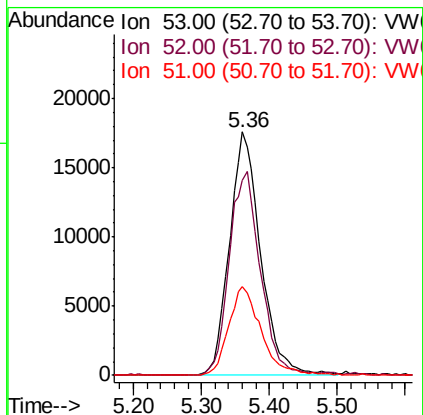
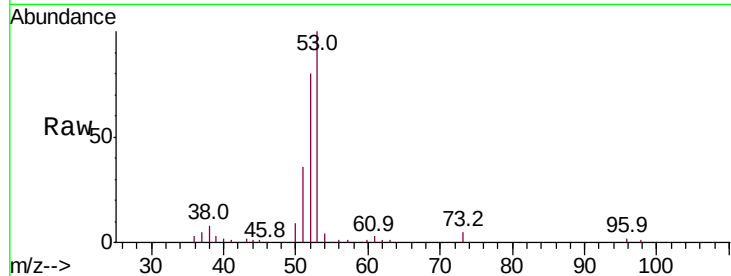
ClientSampleId :

VW0902SBS01

Tot Ion:	53	Resp:	55857
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.7	100.1
51	38.2	30.1	45.1

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#16

Acetone

Concen: 101.598 ug/l

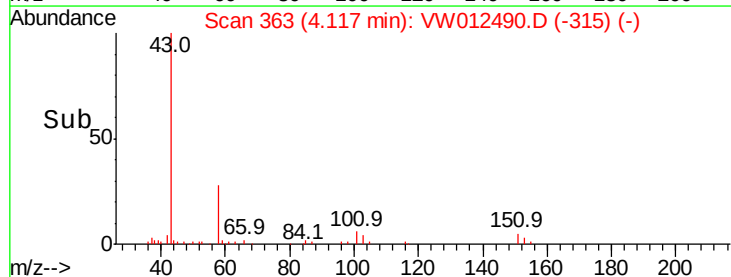
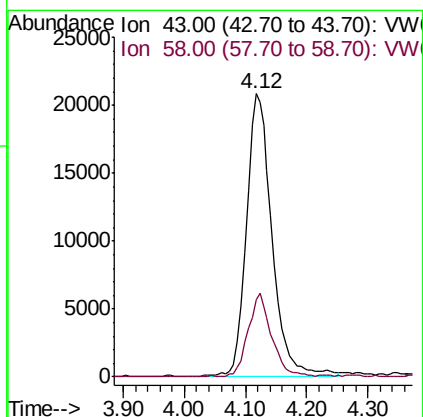
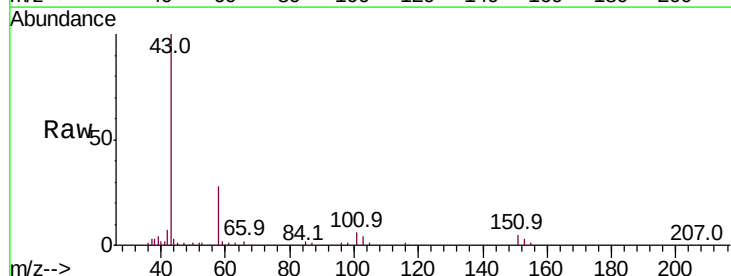
RT: 4.12 min Scan# 363

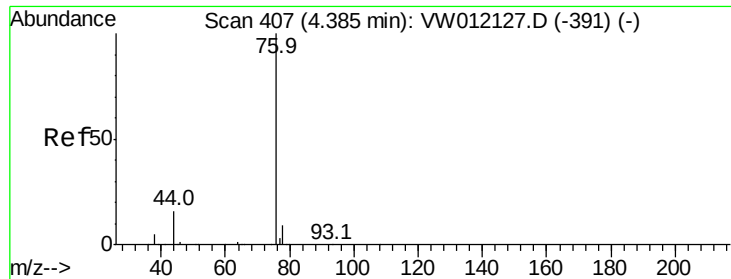
Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Tgt Ion:	43	Resp:	61163
Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.4	33.6





#17

Carbon Disulfide

Concen: 15.015 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

Tot Ion: 76 Resp: 90175

Ion Ratio Lower Upper

76 100

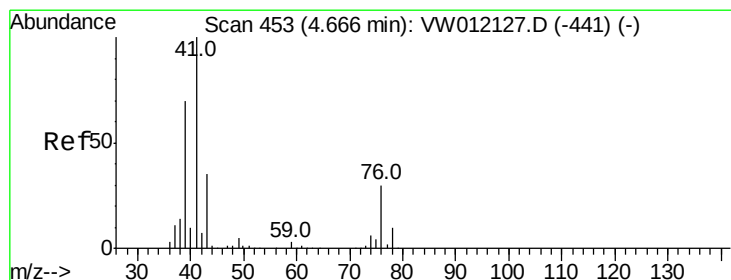
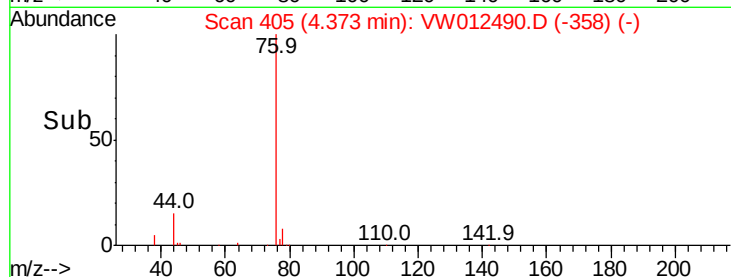
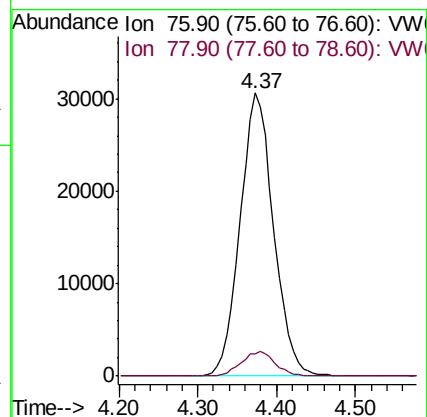
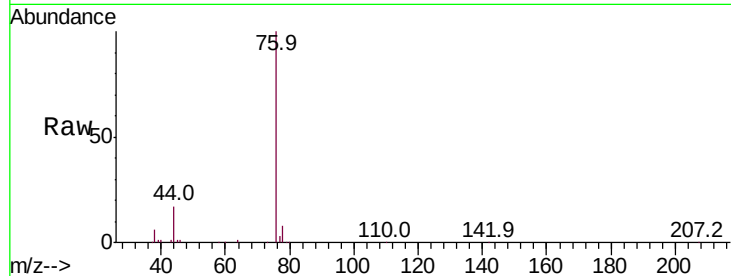
78 8.1 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 23.112 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012490.D

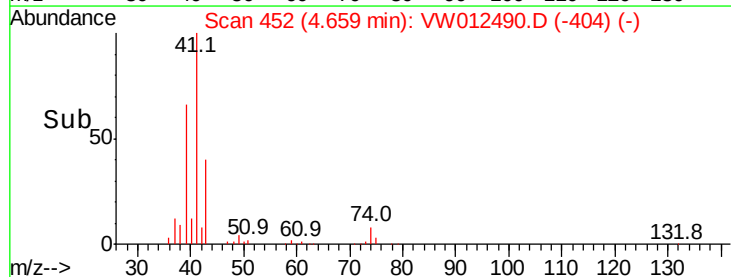
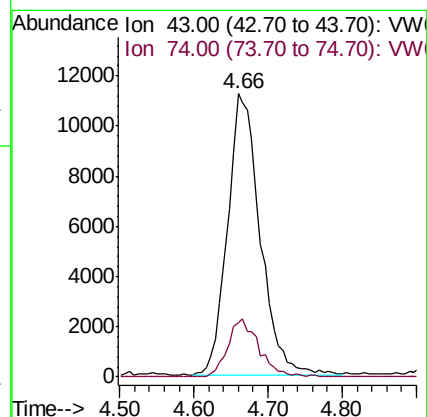
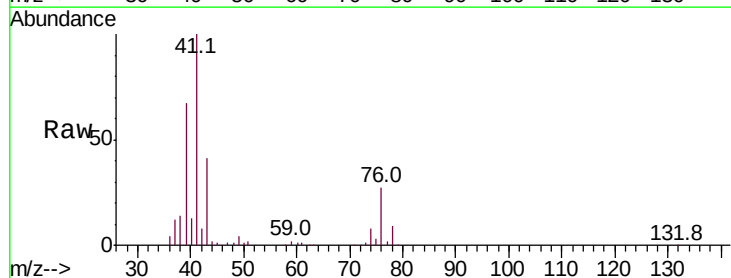
Acq: 02 Sep 2019 11:24

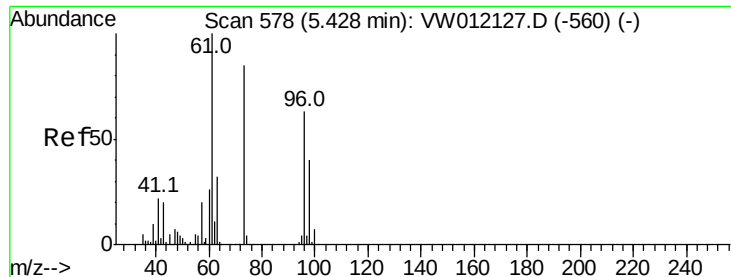
Tgt Ion: 43 Resp: 34462

Ion Ratio Lower Upper

43 100

74 19.5 15.7 23.5





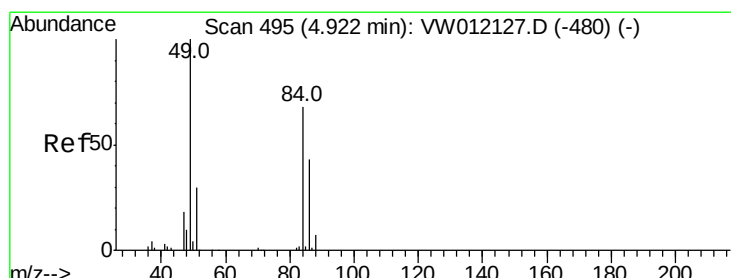
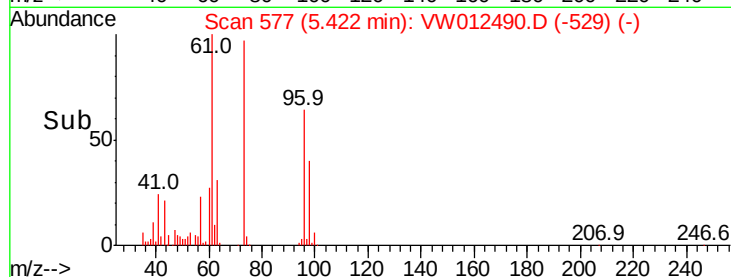
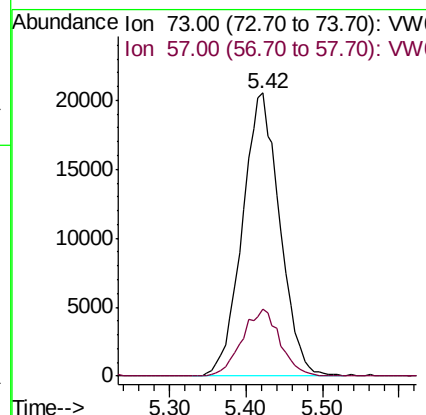
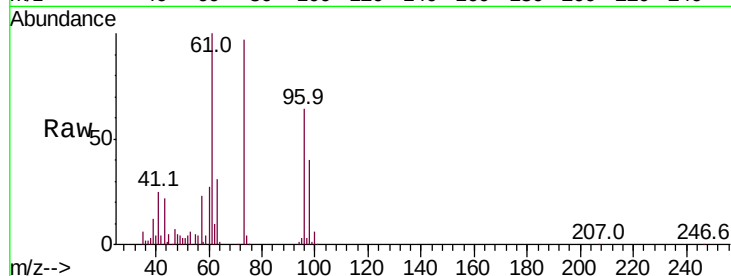
#19
Methyl tert-butyl Ether
Concen: 21.679 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tot Ion: 73 Resp: 69668
Ion Ratio Lower Upper
73 100
57 23.6 18.9 28.3

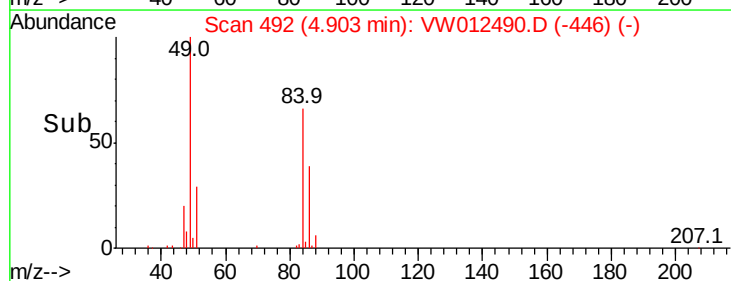
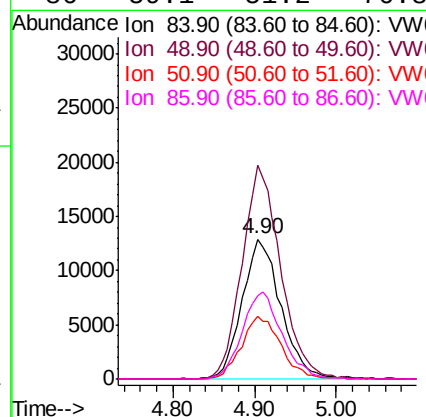
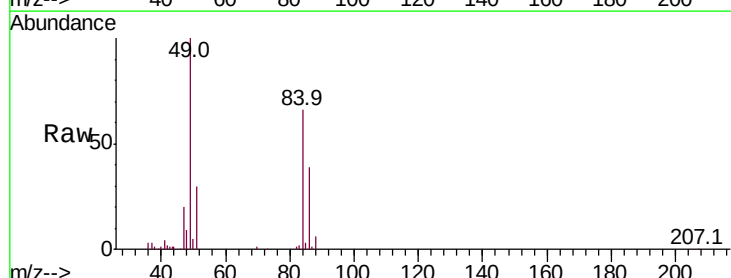
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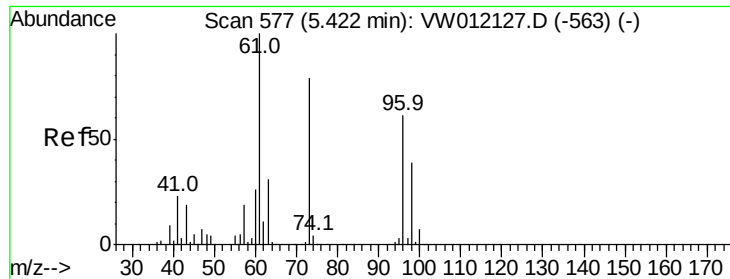
MMDadoda
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#20
Methylene Chloride
Concen: 18.684 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion: 84 Resp: 42522
Ion Ratio Lower Upper
84 100
49 152.6 117.8 176.8
51 45.1 35.6 53.4
86 59.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.034 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

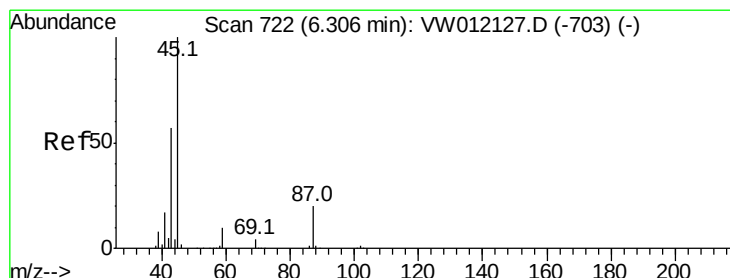
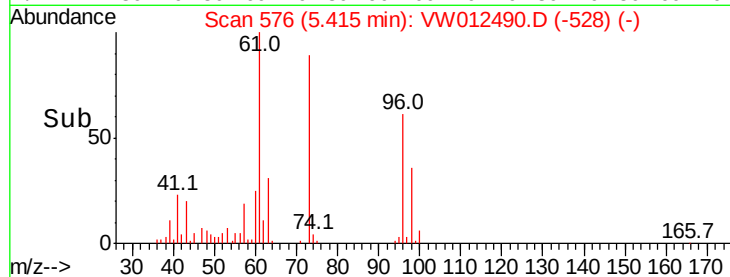
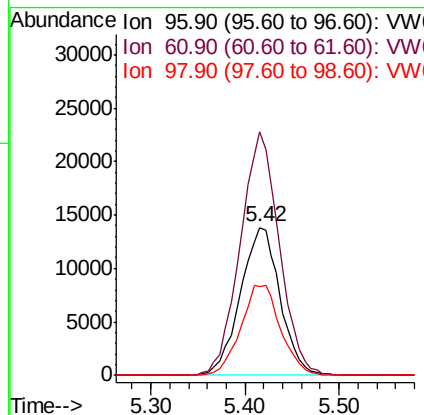
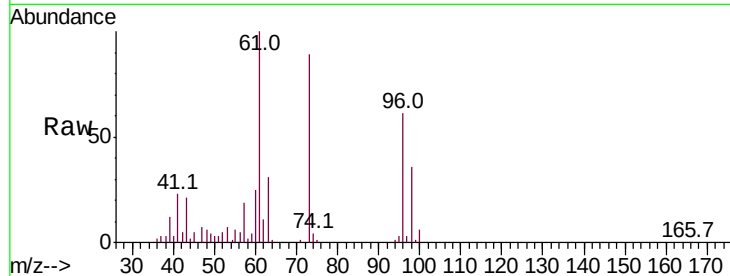
ClientSampled :

VW0902SBS01

Tot Ion:	96	Resp:	40561
Ion	Ratio	Lower	Upper
96	100		
61	164.4	131.4	197.0
98	60.1	51.4	77.0

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#22

Diisopropyl ether

Concen: 20.401 ug/l

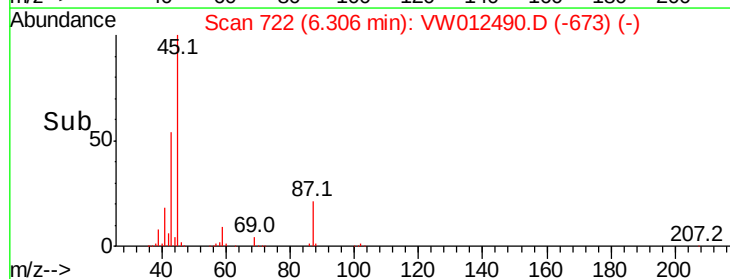
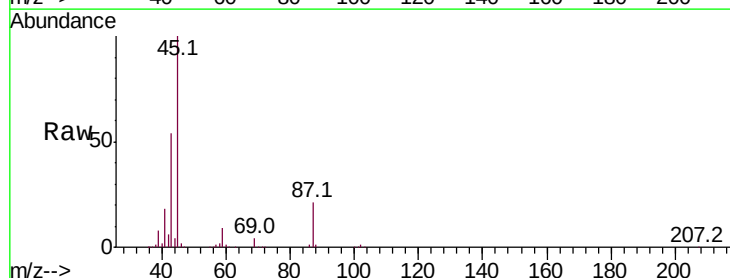
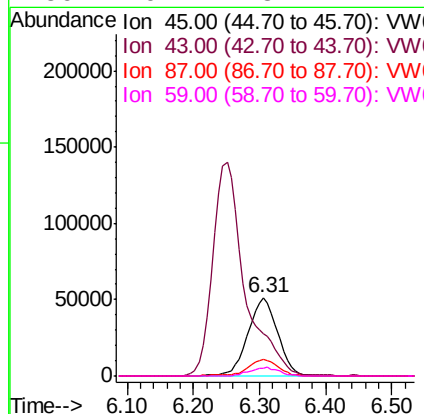
RT: 6.31 min Scan# 722

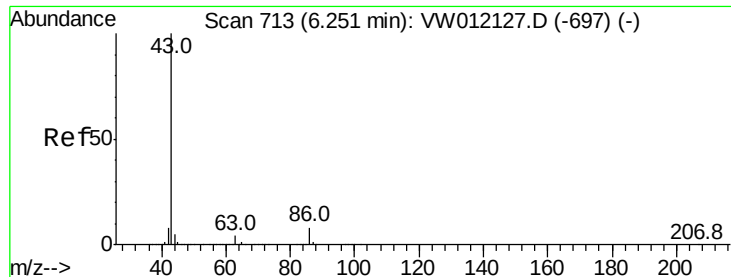
Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Tgt Ion:	45	Resp:	160653
Ion	Ratio	Lower	Upper
45	100		
43	53.4	45.5	68.3
87	20.6	16.1	24.1
59	9.4	8.2	12.2





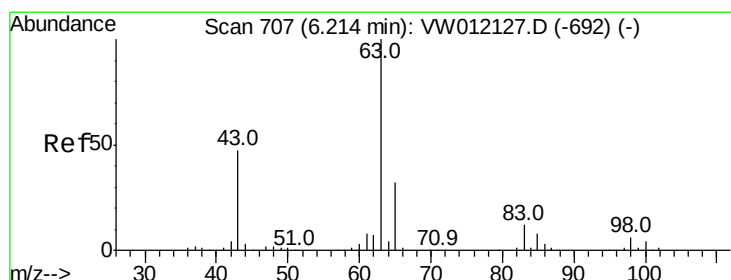
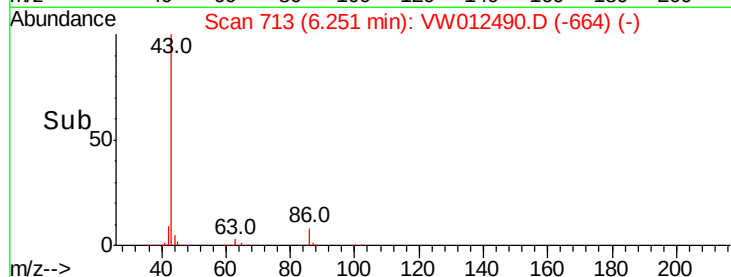
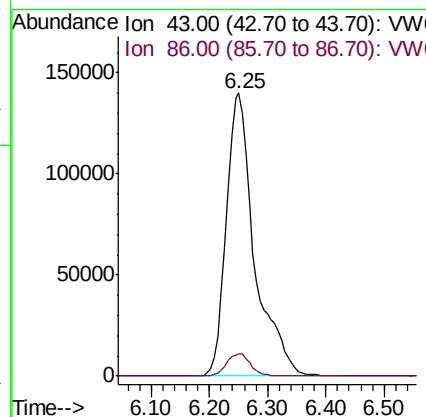
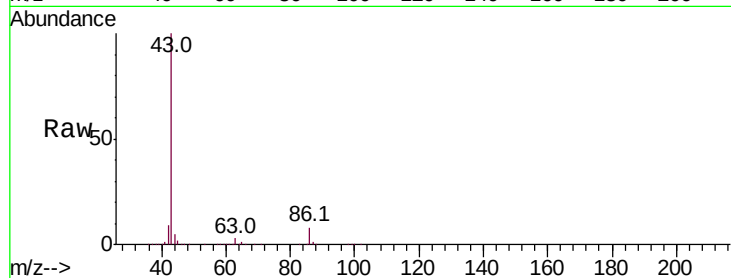
#23
 Vinyl Acetate
 Concen: 97.495 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	8.1	6.5	9.7

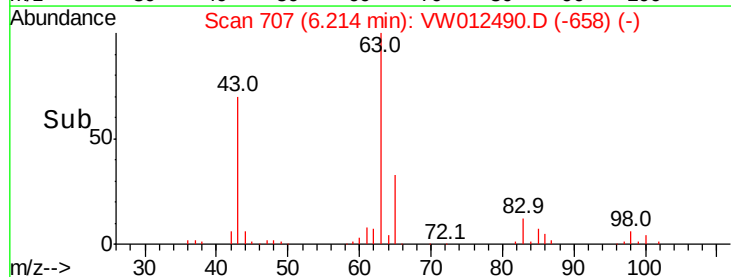
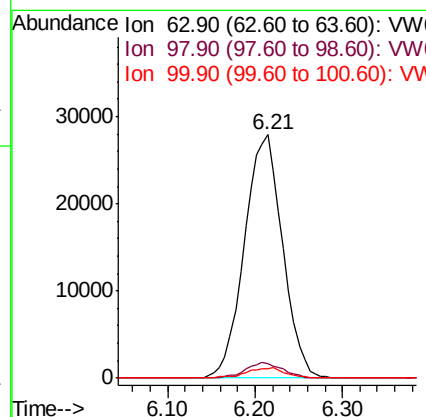
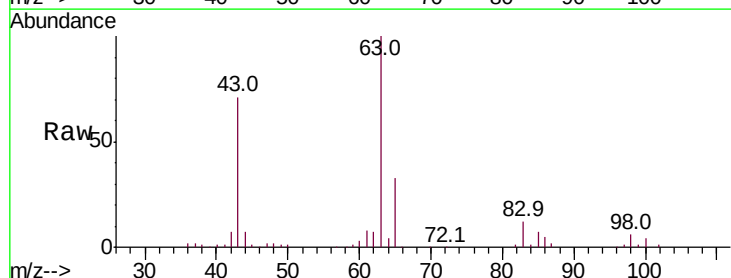
Manual Integrations
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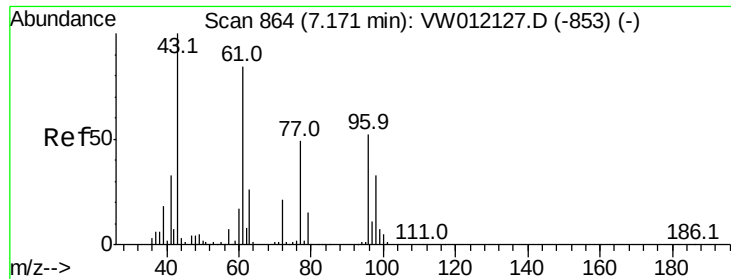
MMDadoda
 9/3/2019 10:56:12 AM



#24
 1,1-Dichloroethane
 Concen: 19.683 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.0	9.2
100	4.0	2.0	6.0





#25

2-Butanone

Concen: 100.970 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

Tot Ion: 43 Resp: 82600

Ion Ratio Lower Upper

43 100

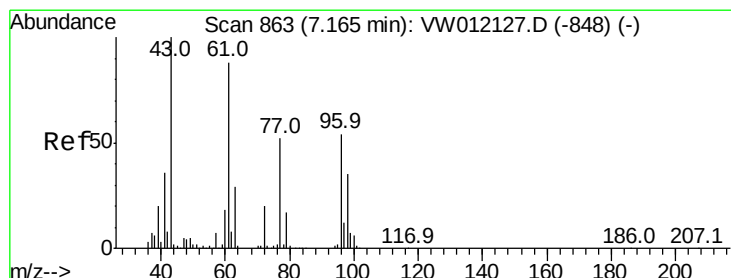
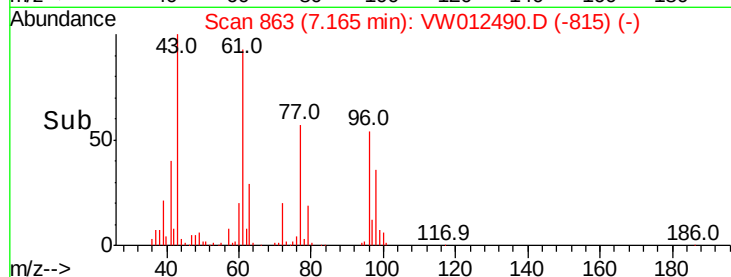
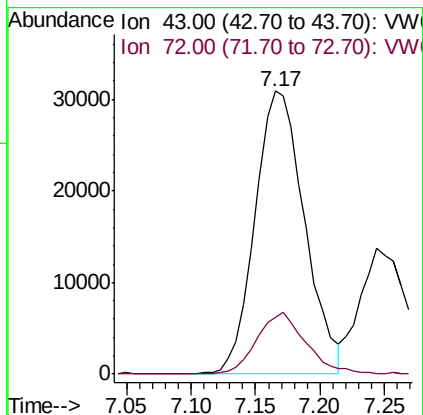
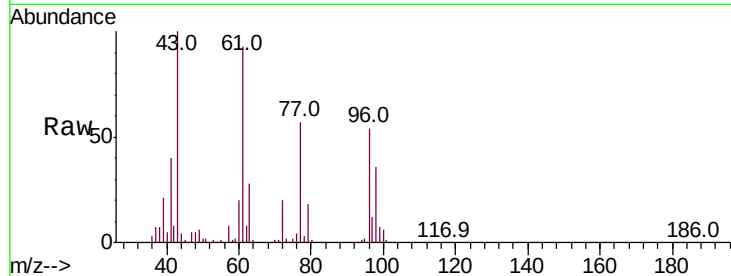
72 20.1 16.6 24.8

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 21.639 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012490.D

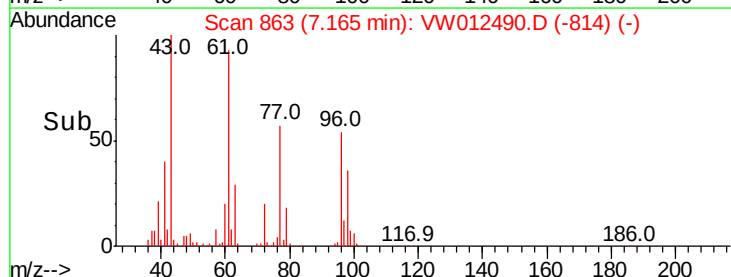
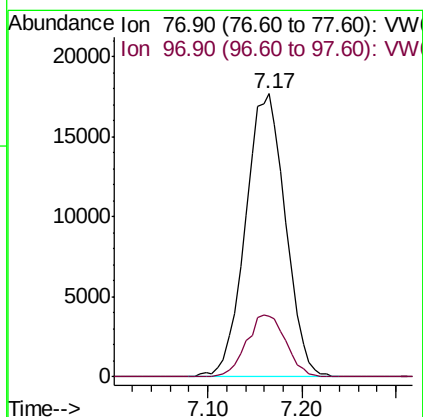
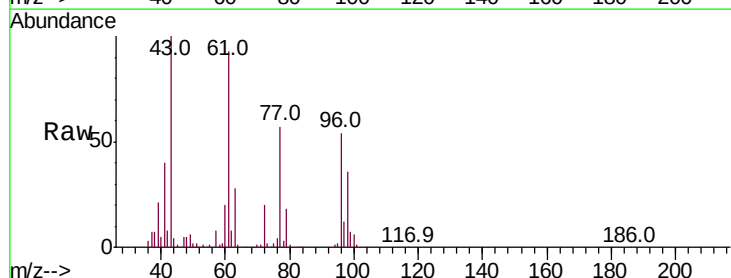
Acq: 02 Sep 2019 11:24

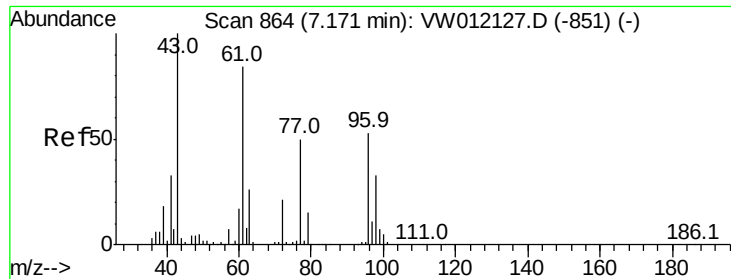
Tgt Ion: 77 Resp: 52514

Ion Ratio Lower Upper

77 100

97 21.5 11.1 33.1





#27

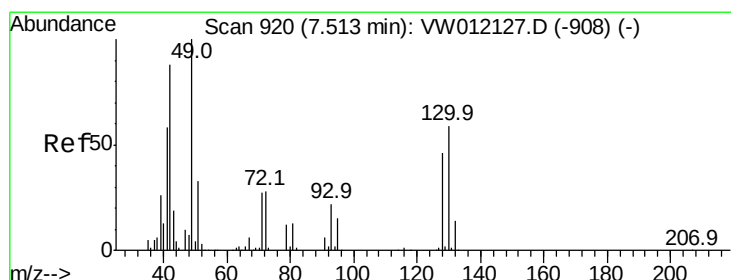
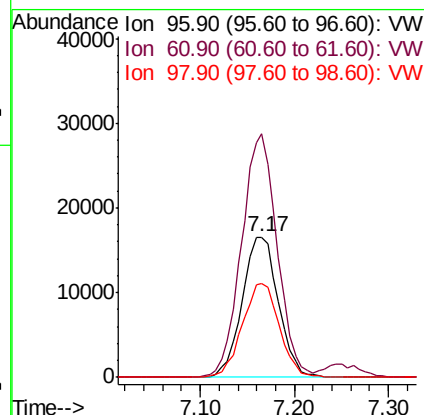
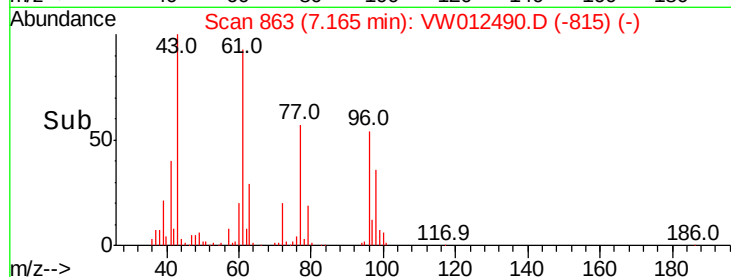
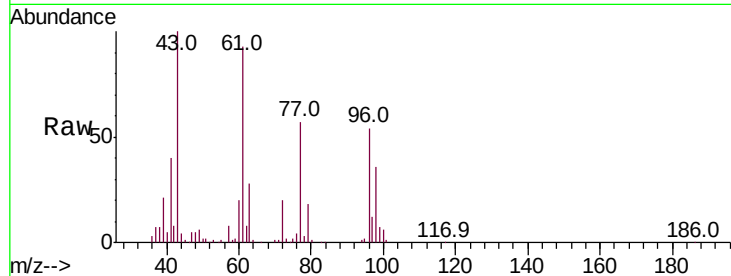
cis-1,2-Dichloroethene
Concen: 19.568 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	170.3	0.0	326.6	
98	68.1	0.0	127.4	

Manual Integrations
APPROVED

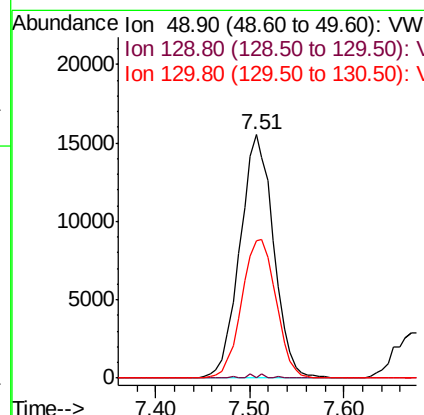
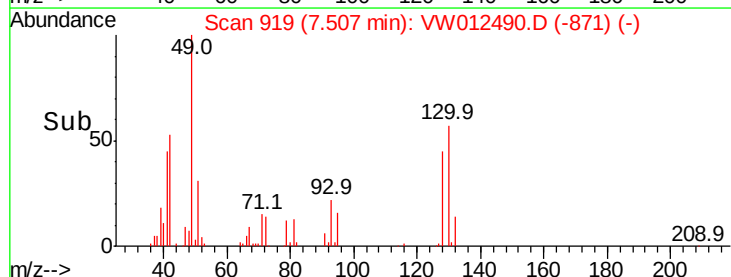
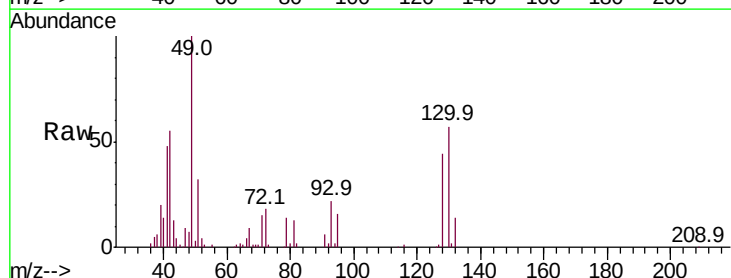
MMDadoda
9/3/2019 10:56:12 AM

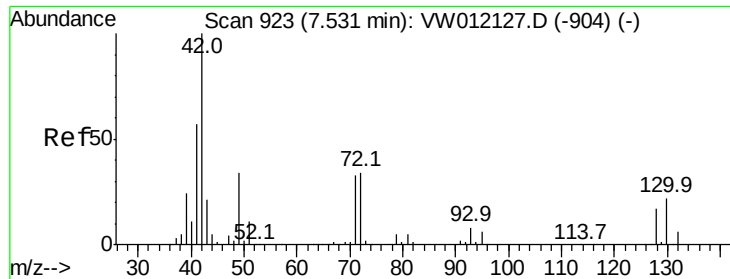


#28

Bromochloromethane
Concen: 20.741 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.5	0.0	1.4	
130	58.4	45.5	68.3	





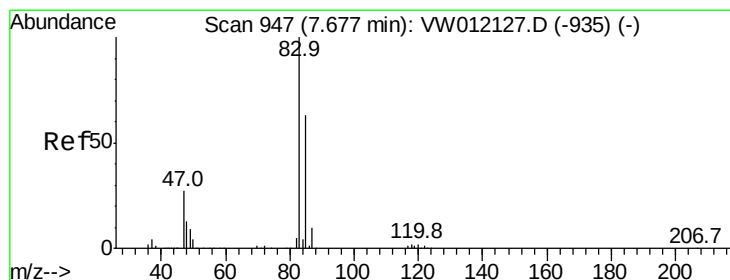
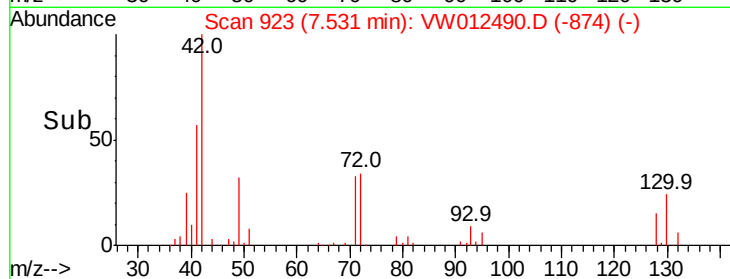
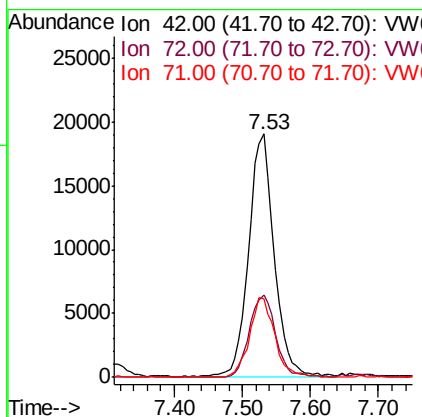
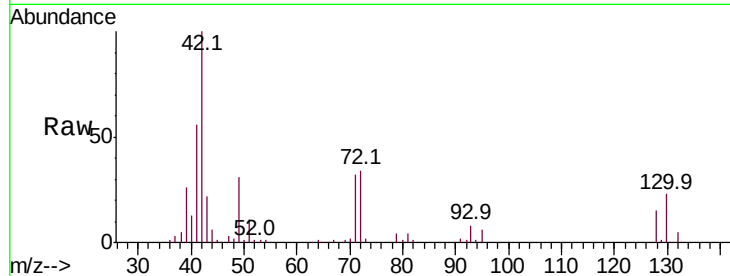
#29
Tetrahydrofuran
Concen: 102.709 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.7	27.3	40.9
71	32.0	25.5	38.3

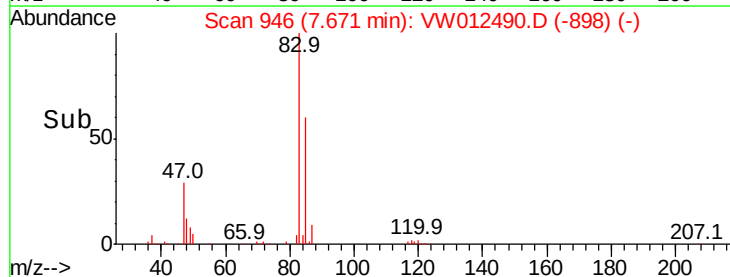
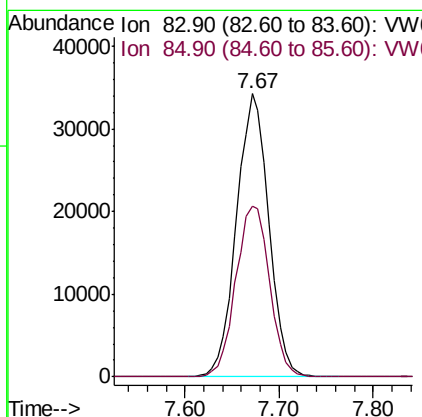
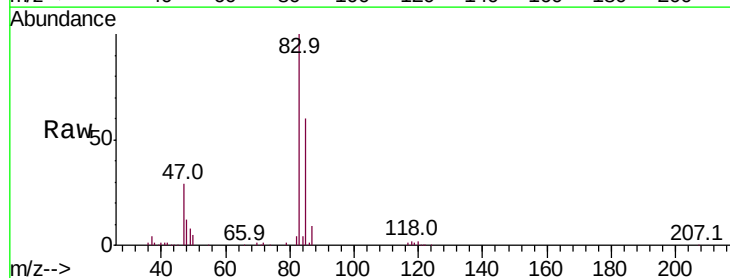
Manual Integrations
APPROVED

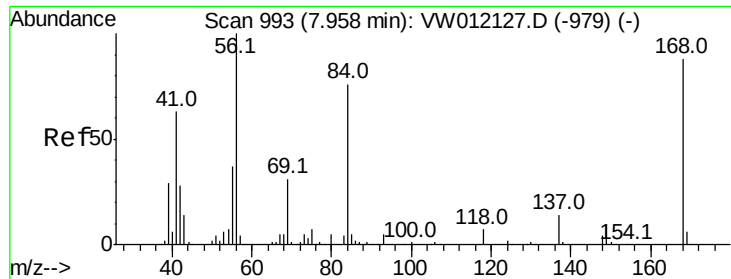
MMDadoda
9/3/2019 10:56:12 AM



#30
Chloroform
Concen: 20.914 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.4	50.6	76.0





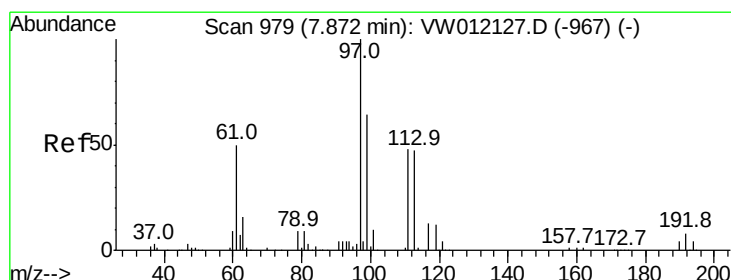
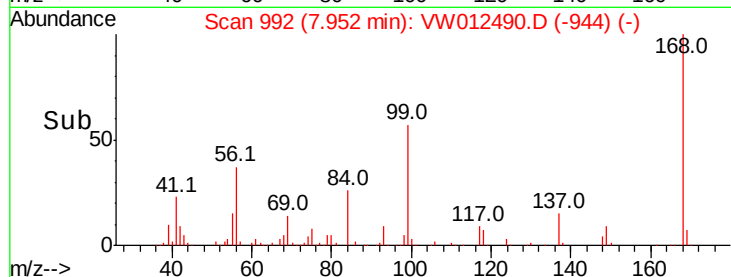
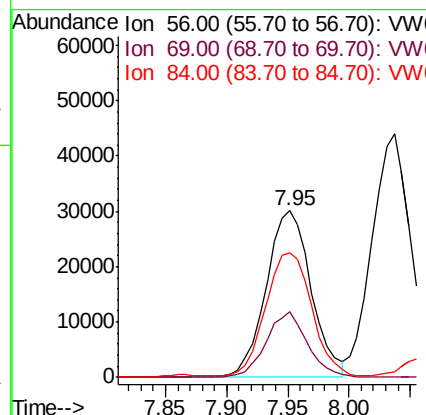
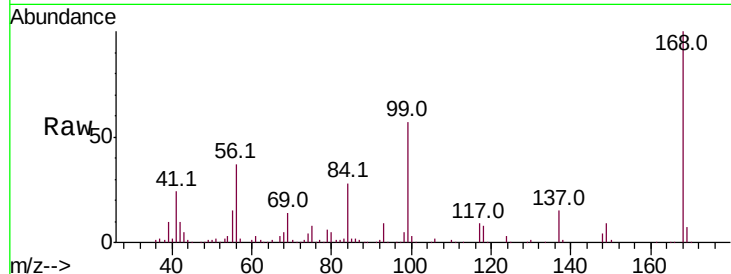
#31
Cyclohexane
Concen: 18.184 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.1	24.9	37.3#
84	73.2	60.6	90.8

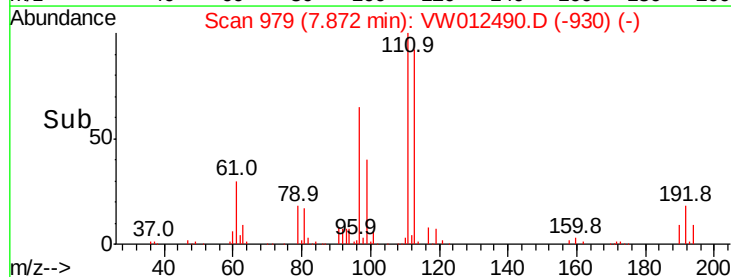
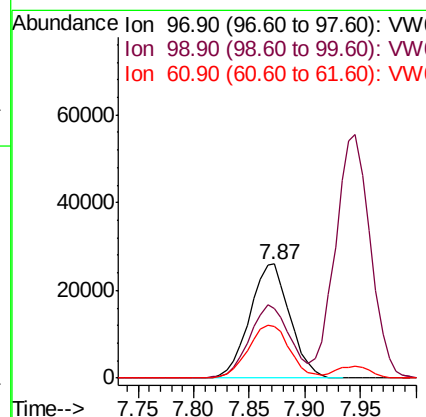
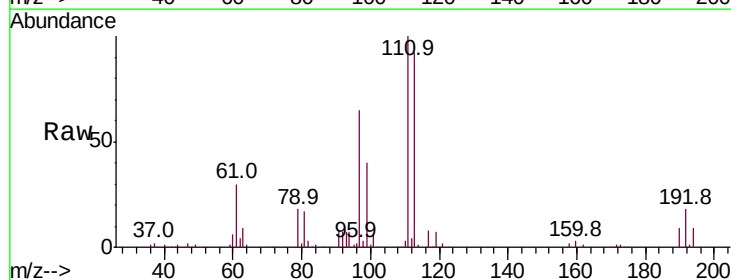
Manual Integrations
APPROVED

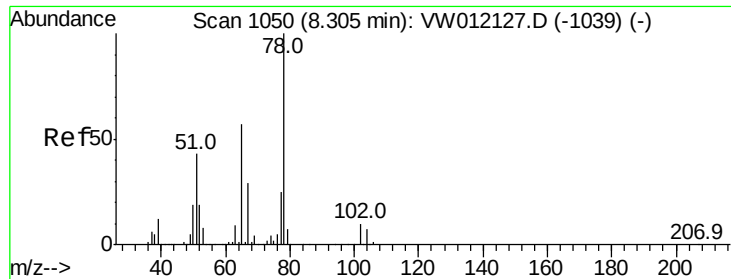
MMDadoda
9/3/2019 10:56:12 AM



#32
1,1,1-Trichloroethane
Concen: 20.992 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.0
61	48.4	39.5	59.3





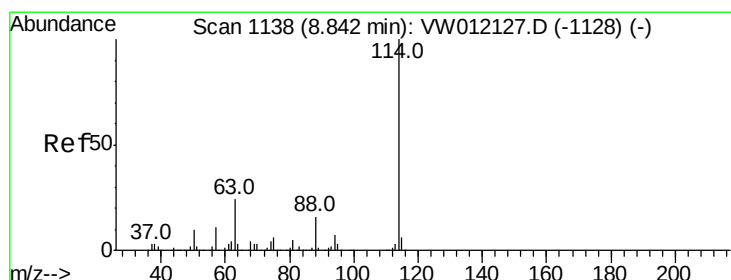
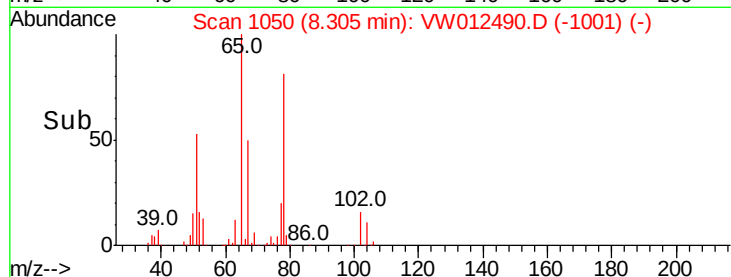
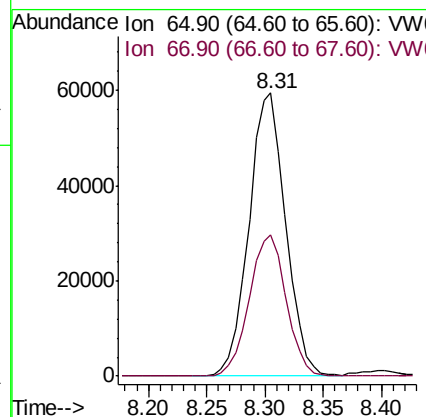
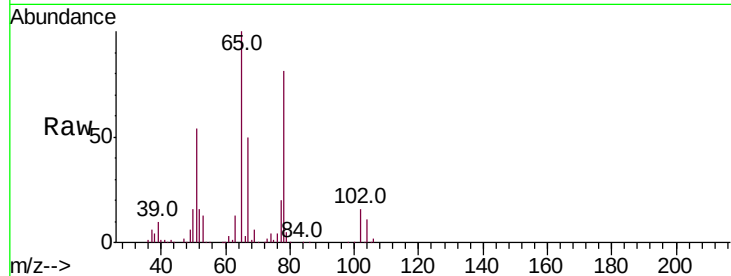
#33
 1,2-Dichloroethane-d4
 Concen: 55.210 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.4	0.0	102.6	

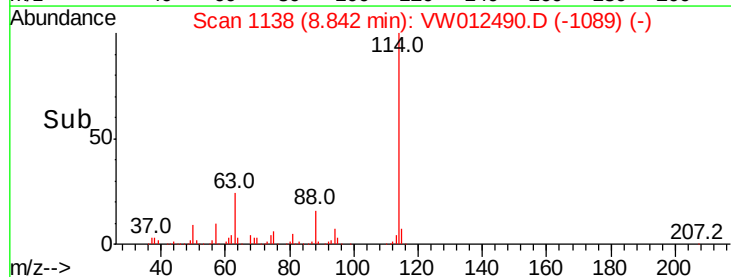
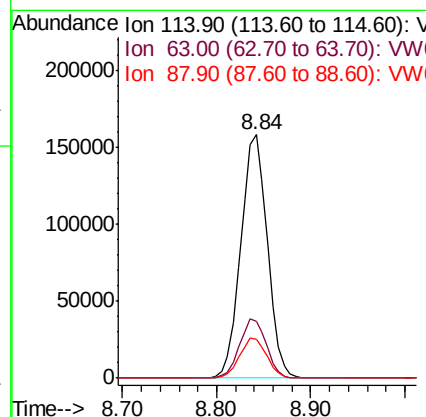
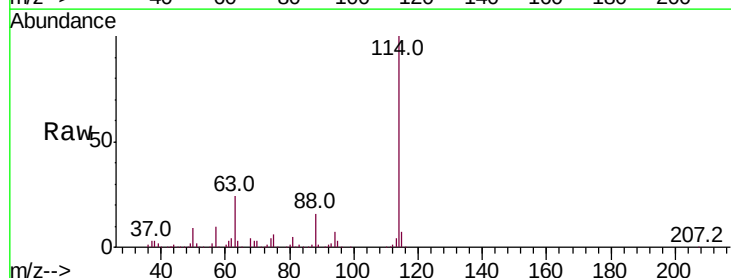
Manual Integrations
 APPROVED

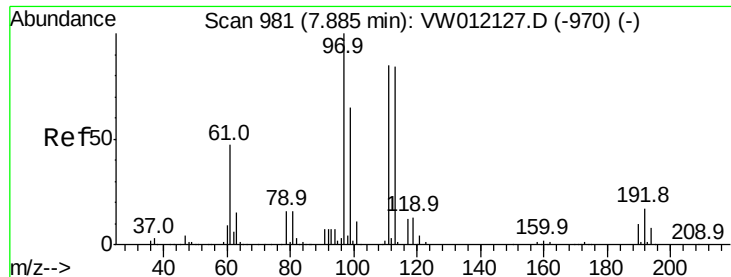
MMDadoda
 9/3/2019 10:56:12 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.5	0.0	48.6	
88	16.0	0.0	32.2	





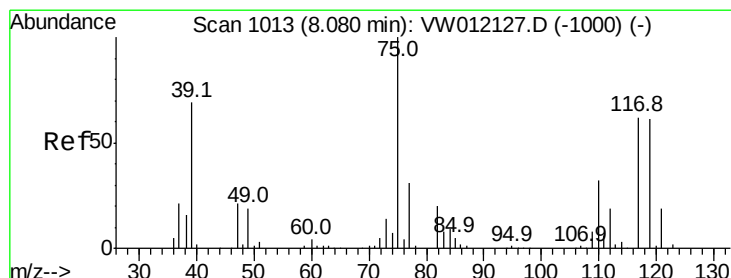
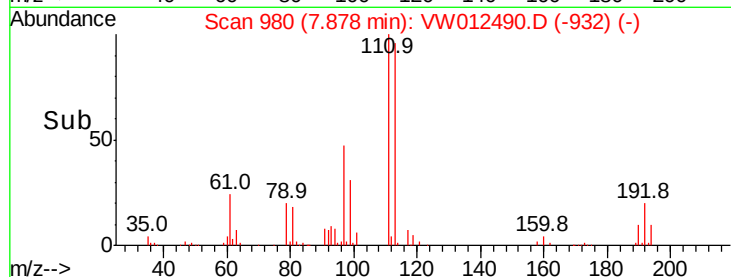
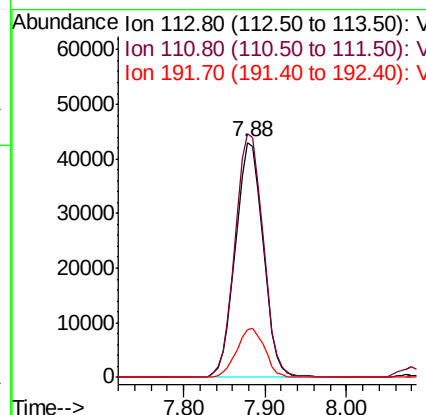
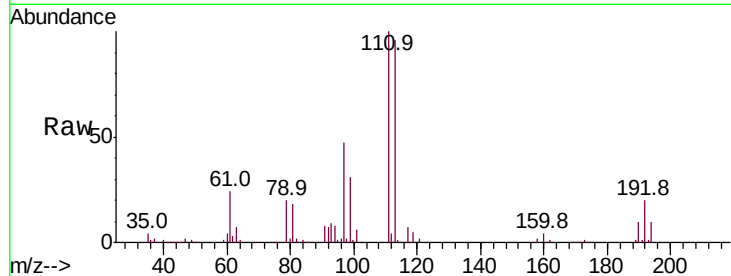
#35
Dibromofluoromethane
Concen: 54.567 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	101004		
111	105.2	82.7	124.1	
192	21.0	16.2	24.2	

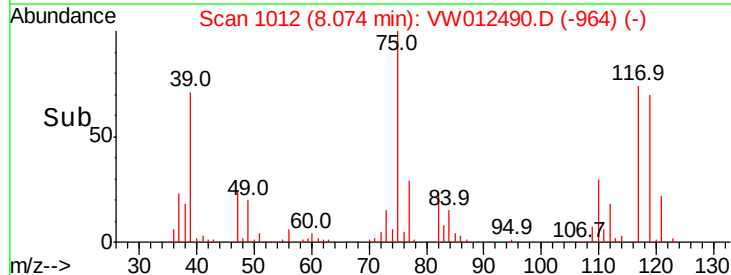
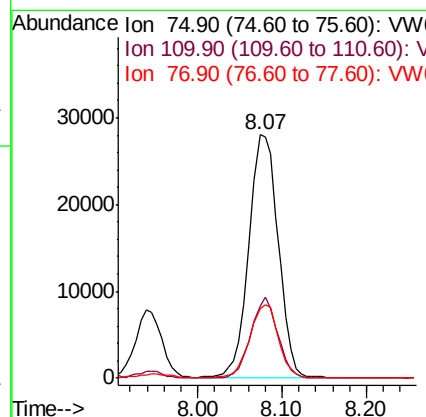
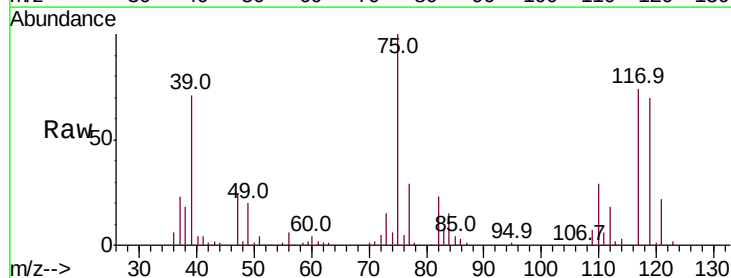
Manual Integrations
APPROVED

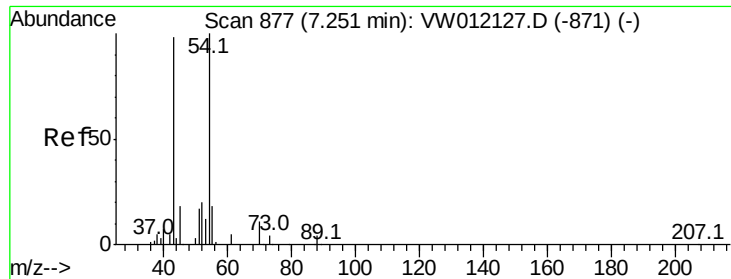
MMDadoda
9/3/2019 10:56:12 AM



#36
1,1-Dichloropropene
Concen: 20.691 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	66304		
110	30.1	15.6	46.8	
77	29.5	24.6	36.8	





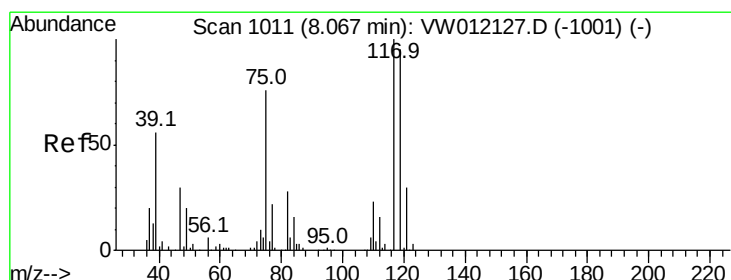
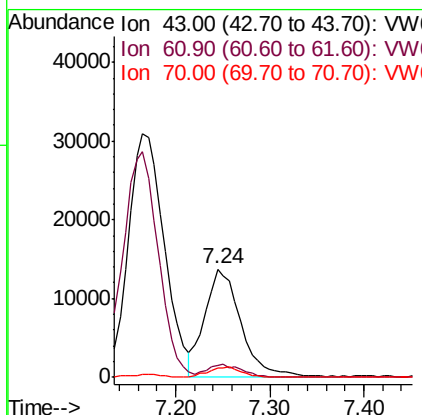
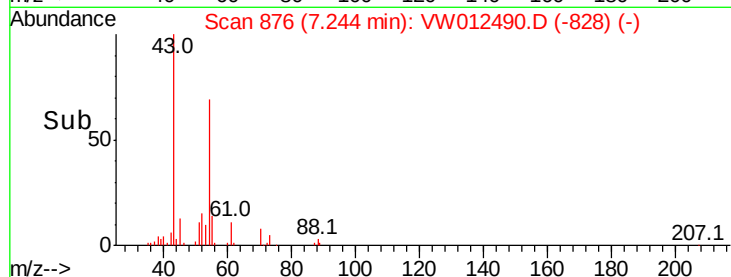
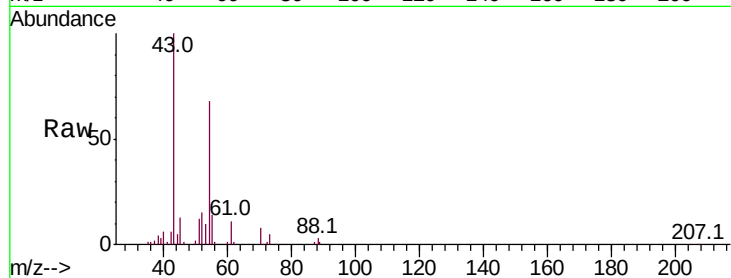
#37
Ethyl Acetate
Concen: 20.682 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampled :
VW0902SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.6	9.2	13.8
70	8.7	6.9	10.3

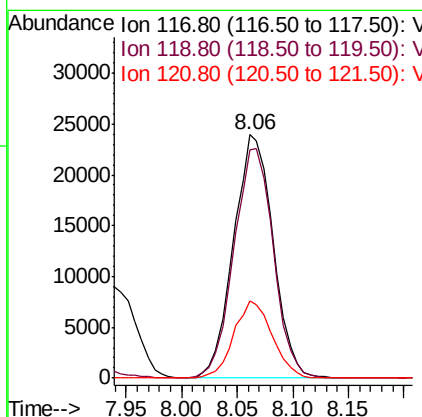
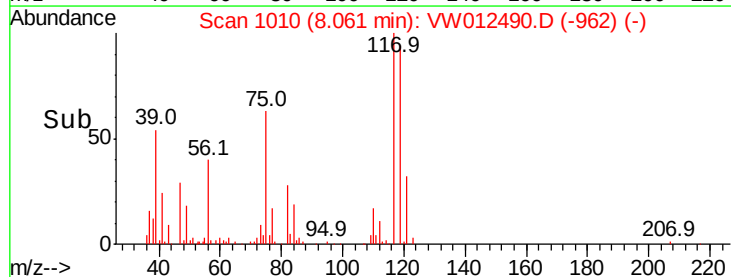
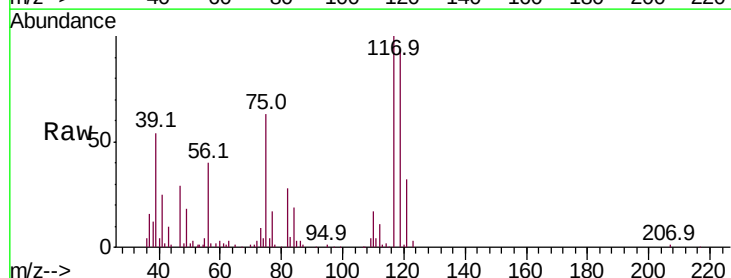
Manual Integrations
APPROVED

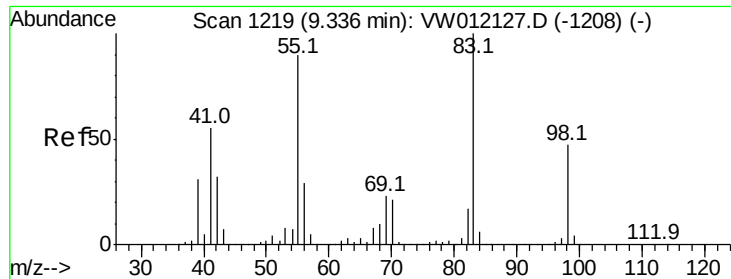
MMDadoda
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#38
Carbon Tetrachloride
Concen: 21.300 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.2	114.2
121	31.5	23.8	35.8





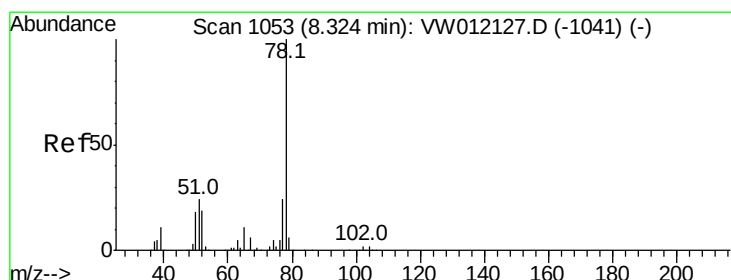
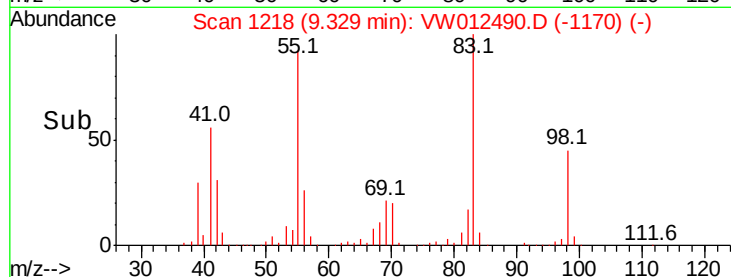
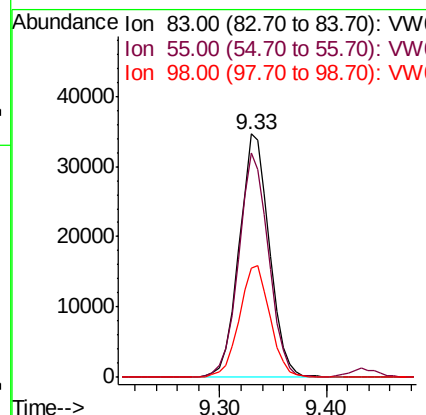
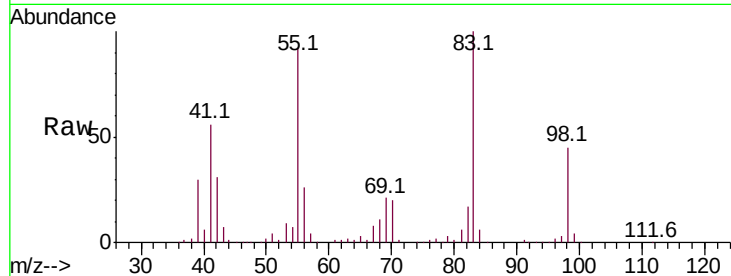
#39
Methylvlcyclohexane
Concen: 19.189 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	92.3	71.8	107.8
98	44.9	37.8	56.8

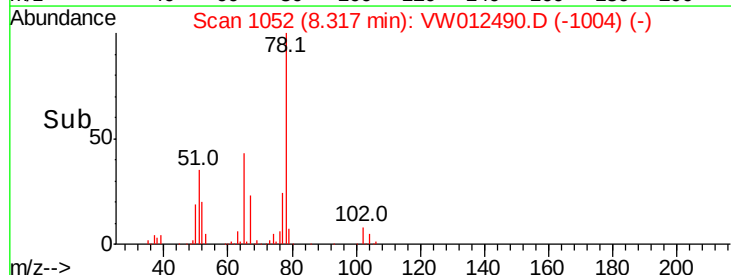
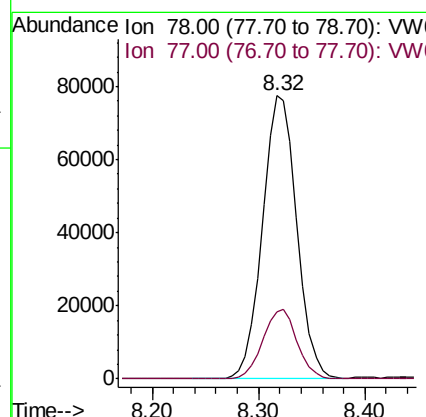
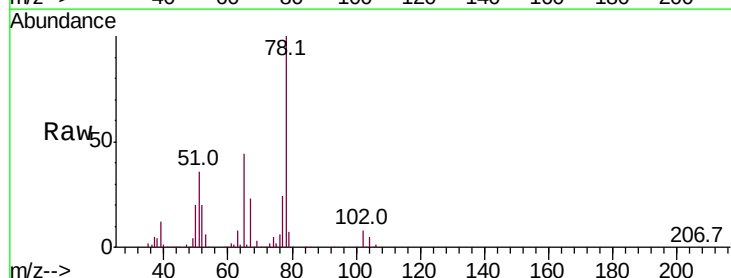
Manual Integrations
APPROVED

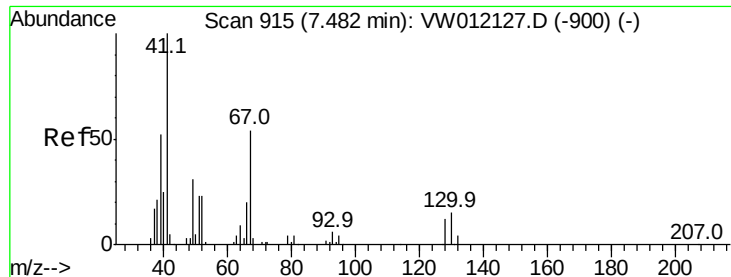
MMDadoda
9/3/2019 10:56:12 AM



#40
Benzene
Concen: 19.922 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.5	29.3





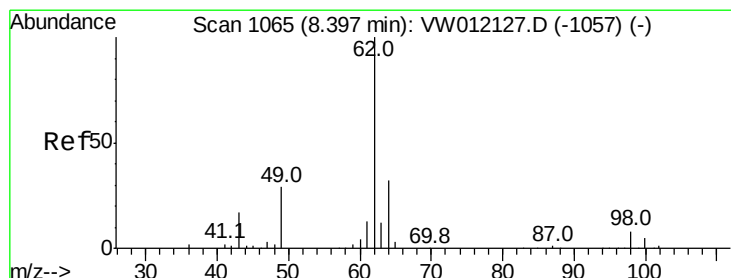
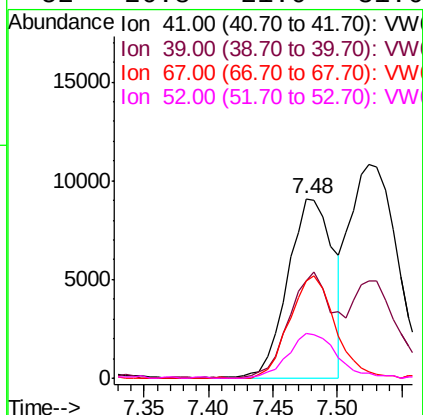
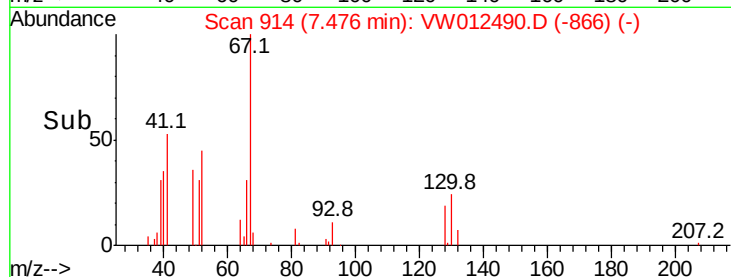
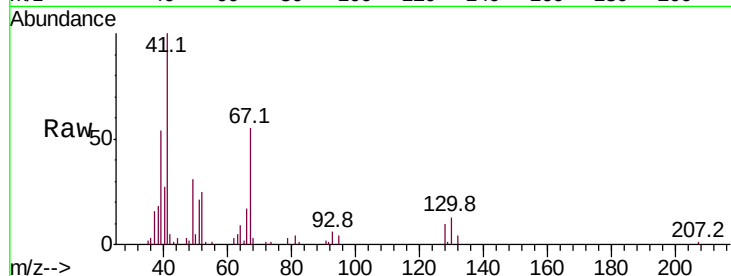
#41
Methacrylonitrile
Concen: 21.585 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tot Ion	41	Resp	22278
Ion	Ratio	Lower	Upper
41	100		
39	60.3	45.8	68.8
67	57.5	46.2	69.4
52	26.8	21.0	31.6

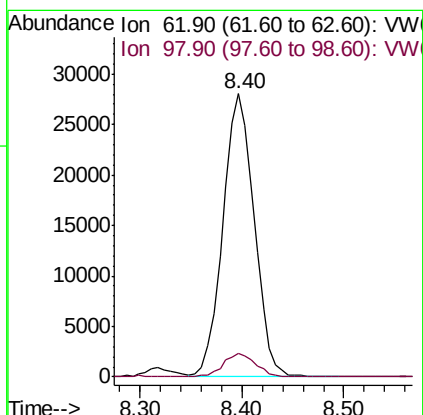
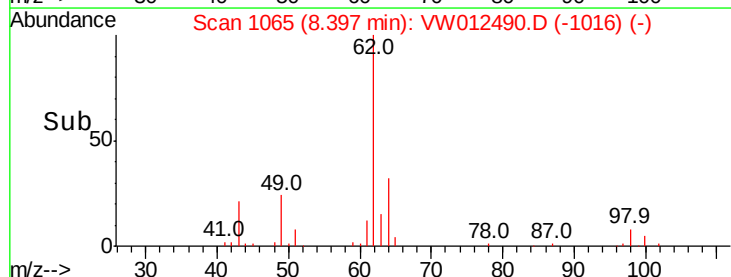
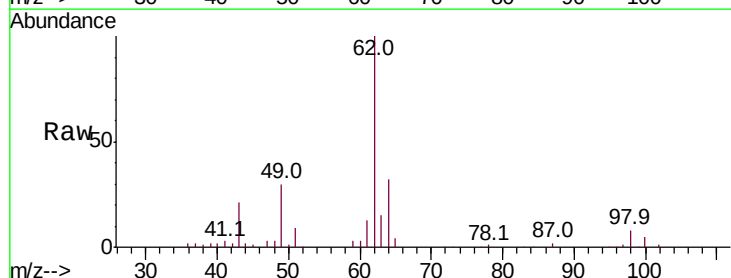
Manual Integrations
APPROVED

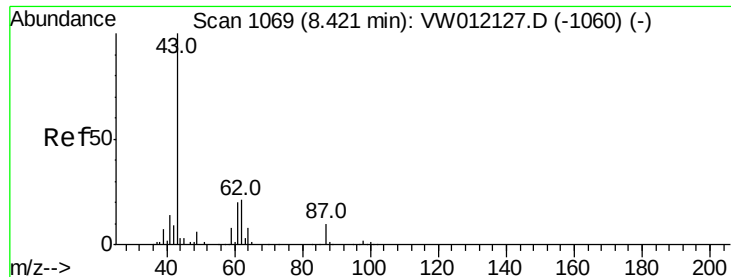
MMDadoda
9/3/2019 10:56:12 AM



#42
1,2-Dichloroethane
Concen: 21.724 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion	62	Resp	59576
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6





#43

Isopropyl Acetate

Concen: 20.378 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

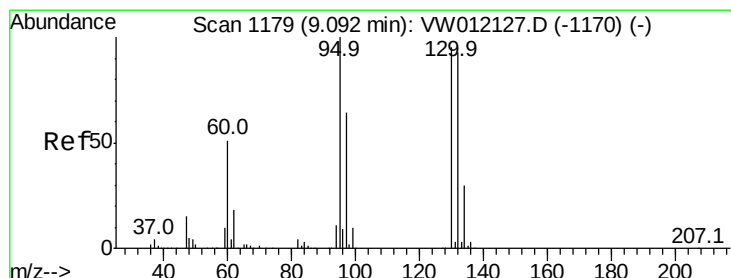
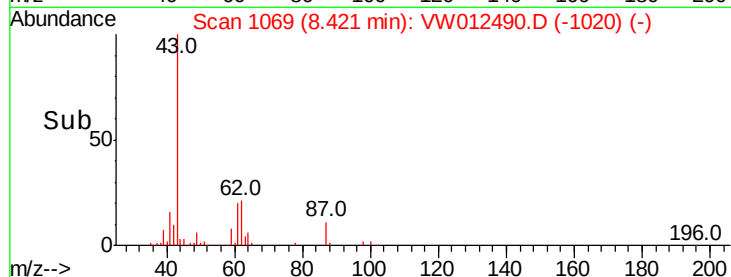
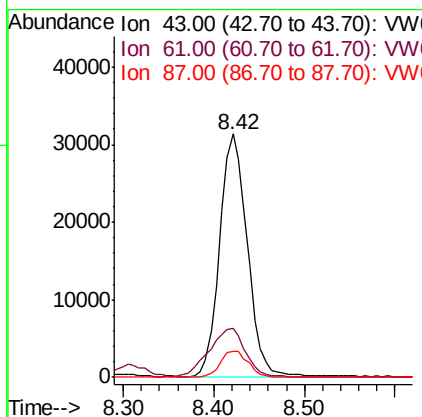
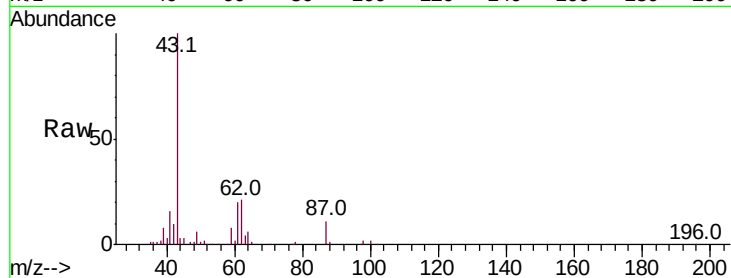
ClientSampled :

VW0902SBS01

Tot Ion:	43	Resp:	66285
Ion	Ratio	Lower	Upper
43	100		
61	26.8	21.1	31.7
87	10.9	8.2	12.2

Manual Integrations
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#44

Trichloroethene

Concen: 20.617 ug/l

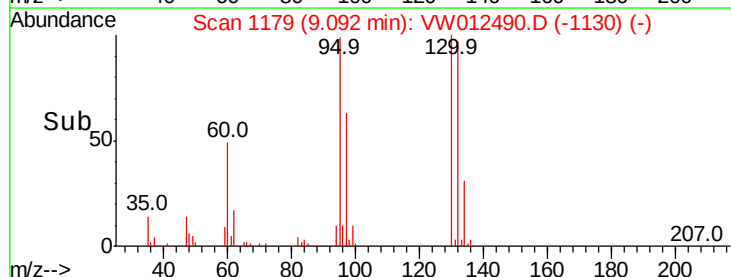
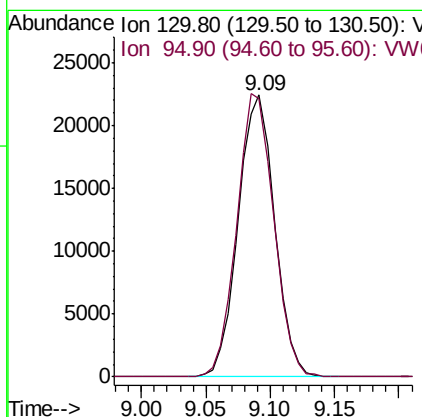
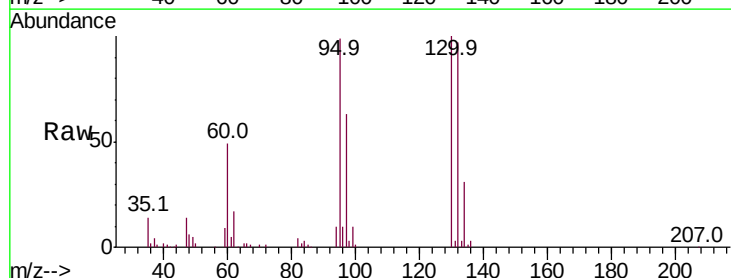
RT: 9.09 min Scan# 1179

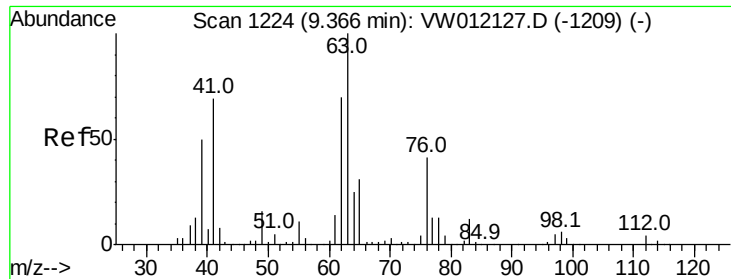
Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Tgt Ion:	130	Resp:	43855
Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	210.6





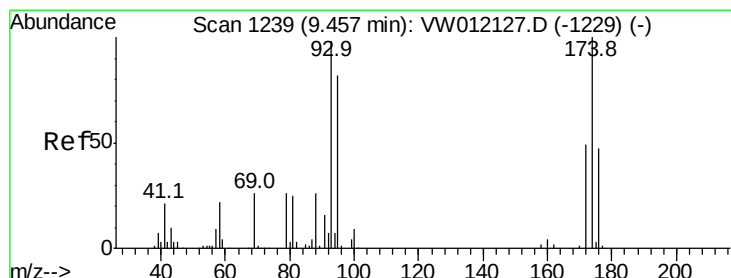
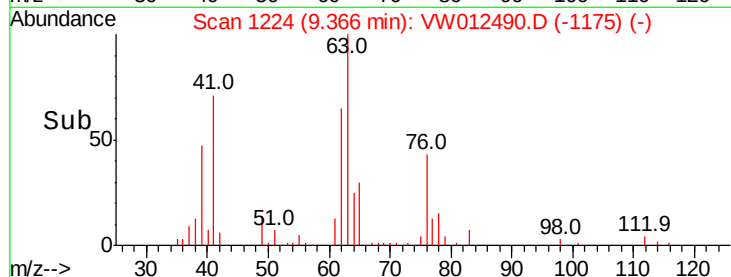
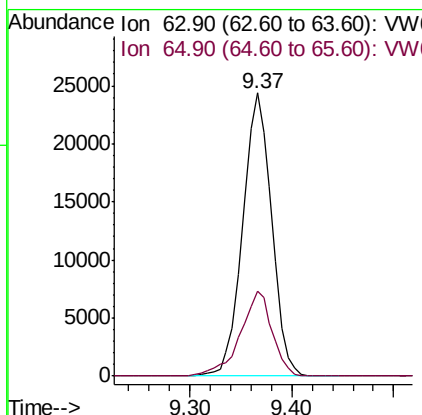
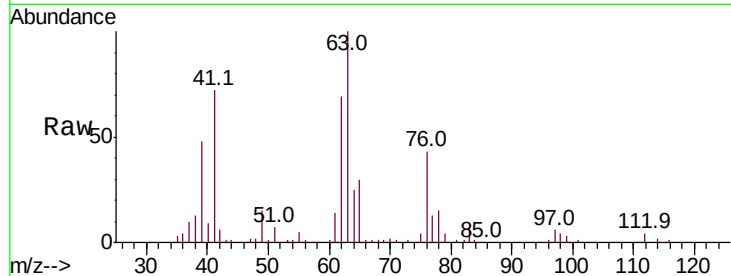
#45
 1,2-Dichloropropane
 Concen: 20.402 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Instrument :
 MSVOA_W
 ClientSampled :
 VW0902SBS01

Tot Ion: 63 Resp: 48045
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.4

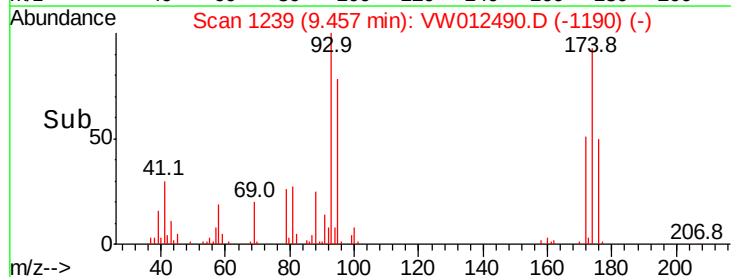
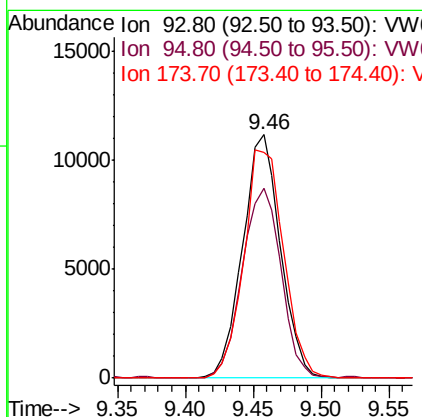
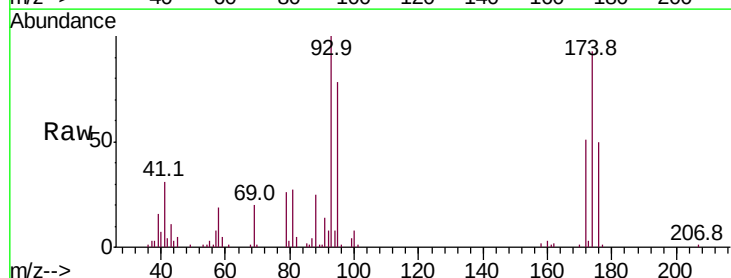
Manual Integrations
 APPROVED

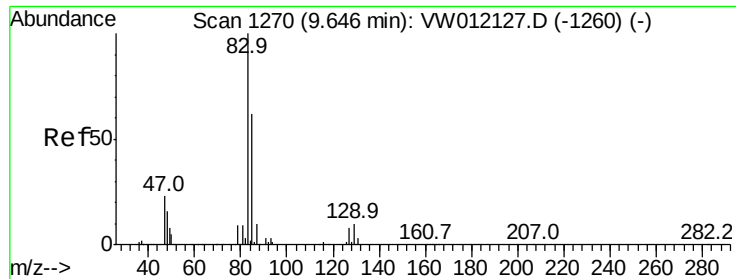
MMDadoda
 9/3/2019 10:56:12 AM



#46
 Dibromomethane
 Concen: 20.828 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion: 93 Resp: 21823
 Ion Ratio Lower Upper
 93 100
 95 80.3 67.2 100.8
 174 98.9 79.0 118.6





#47

Bromodichloromethane

Concen: 21.179 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

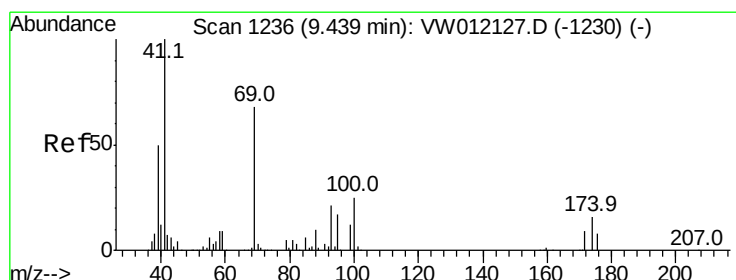
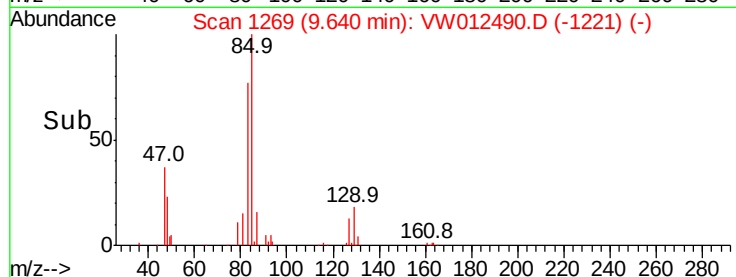
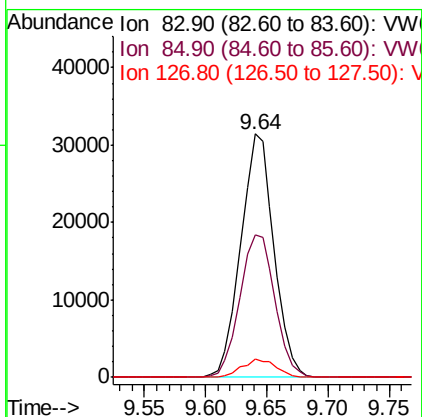
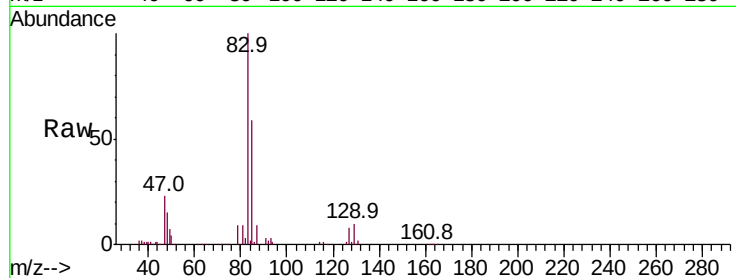
ClientSampleId :

VW0902SBS01

Tot Ion:	83	Resp:	59059
Ion Ratio	Lower	Upper	
83	100		
85	58.8	49.4	74.2
127	7.6	6.1	9.1

Manual Integrations
APPROVED

MMDadoda
9/3/2019 10:56:12 AM



#48

Methyl methacrylate

Concen: 20.657 ug/l

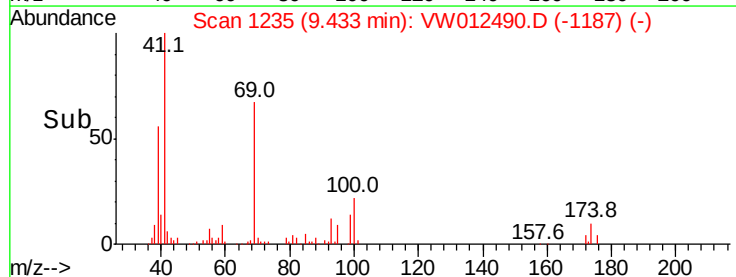
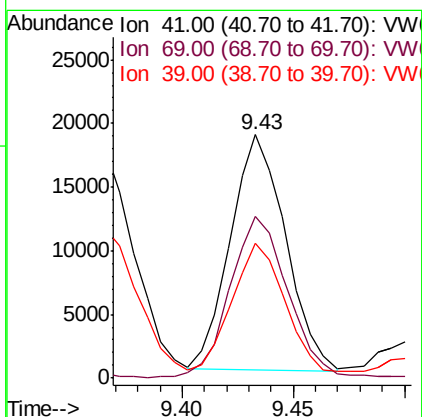
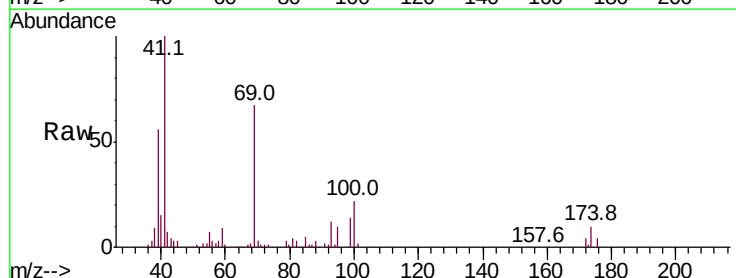
RT: 9.43 min Scan# 1235

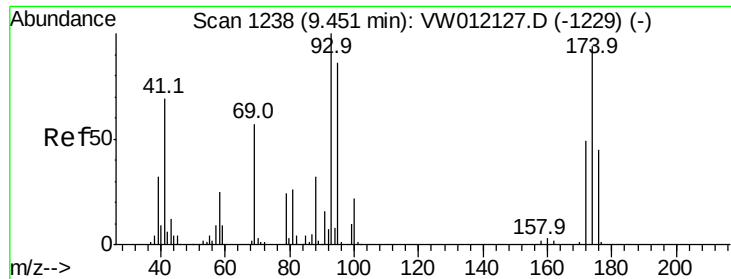
Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Tgt Ion:	41	Resp:	31980
Ion Ratio	Lower	Upper	
41	100		
69	72.7	56.7	85.1
39	51.5	42.0	63.0





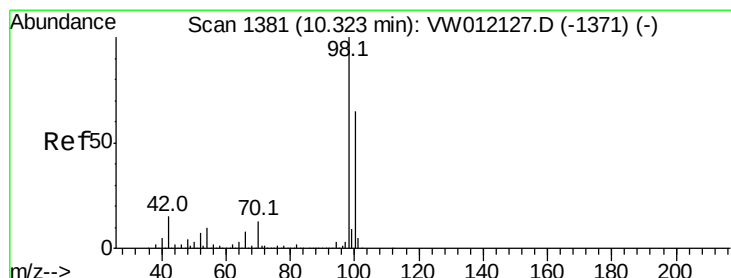
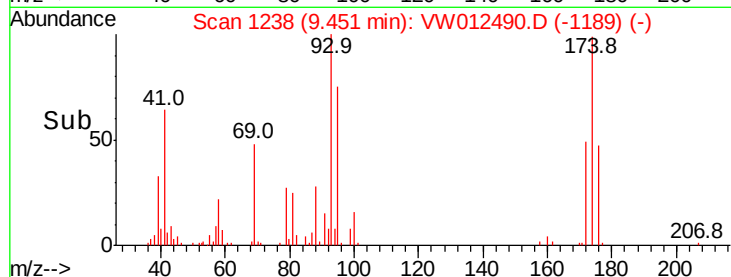
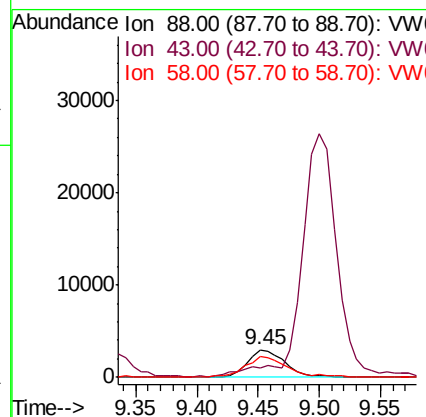
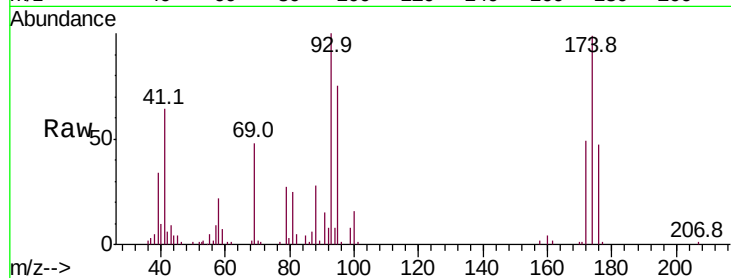
#49
1,4-Dioxane
Concen: 395.313 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.9	49.3#
58	85.7	71.0	106.4

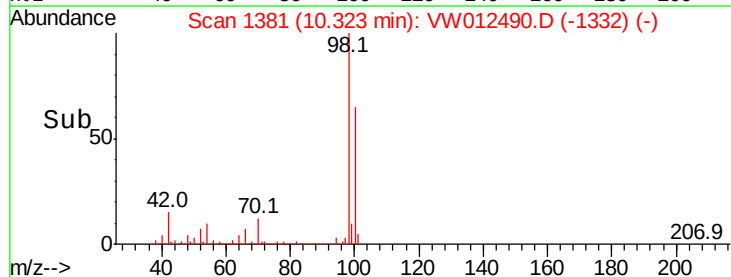
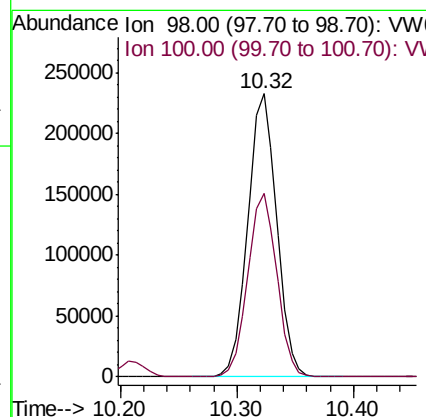
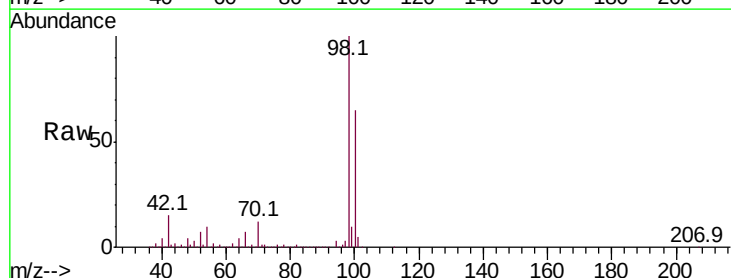
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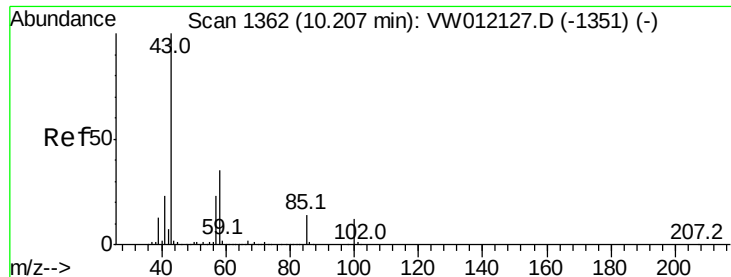
MMDadoda
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#50
Toluene-d8
Concen: 53.819 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6





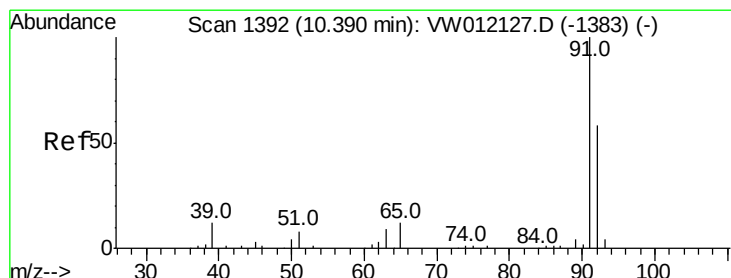
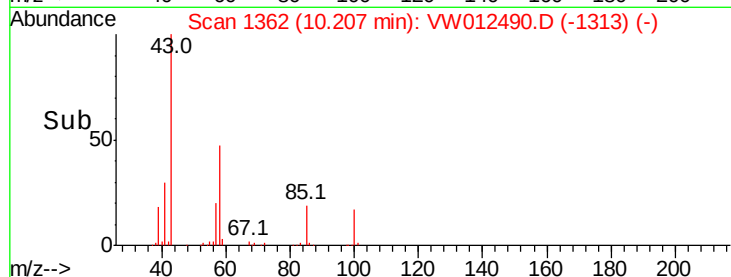
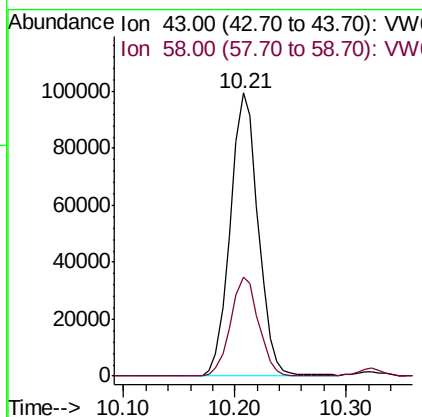
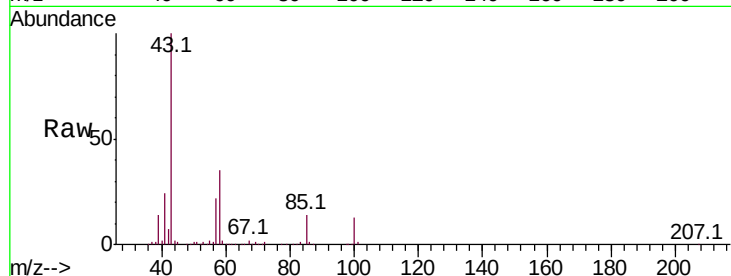
#51
4-Methyl-2-Pentanone
Concen: 104.488 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampled :
VW0902SBS01

Tot Ion	43	58	Ratio	100	35.1	Resp	172869	Lower	28.2	Upper	42.2
Ion	43	58	Ratio	100	35.1	Resp	172869	Lower	28.2	Upper	42.2

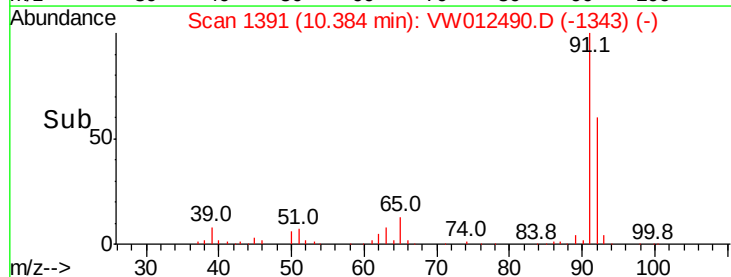
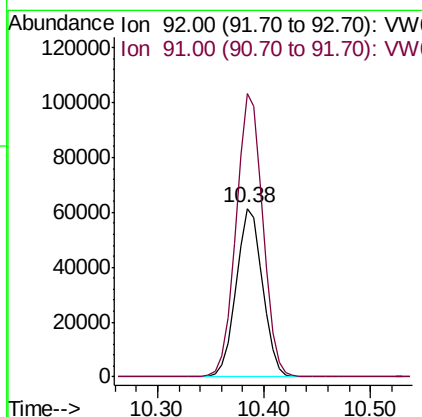
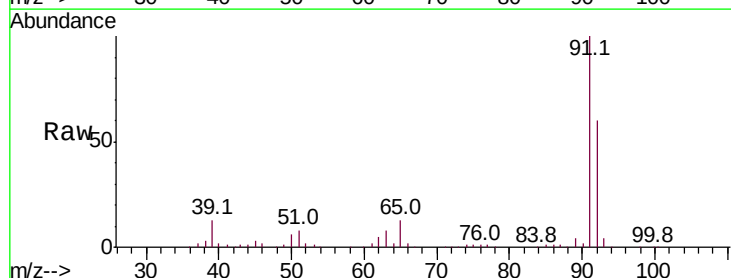
Manual Integrations
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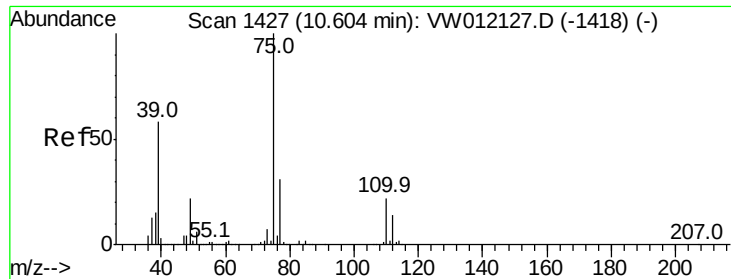
MMDadoda
9/3/2019 10:56:12 AM



#52
Toluene
Concen: 20.372 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion	92	91	Ratio	100	170.1	Resp	107088	Lower	136.6	Upper	204.8
Ion	92	91	Ratio	100	170.1	Resp	107088	Lower	136.6	Upper	204.8





#53

t-1,3-Dichloropropene

Concen: 20.315 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

Tot Ion: 75 Resp: 57705

Ion Ratio Lower Upper

75 100

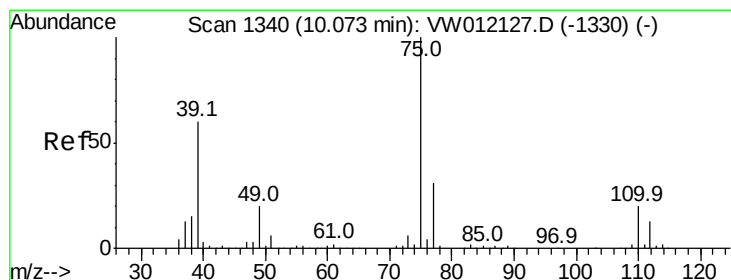
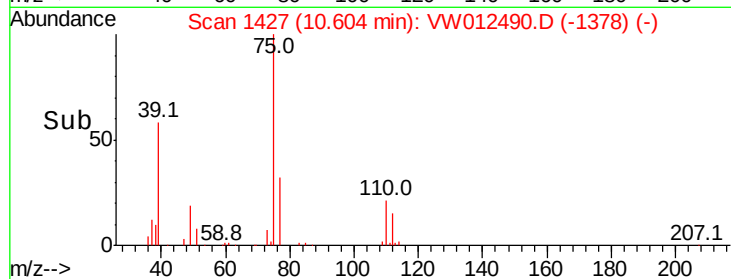
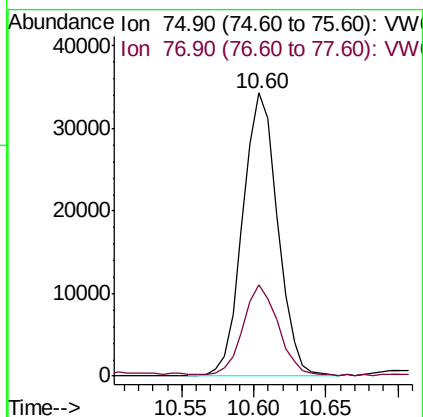
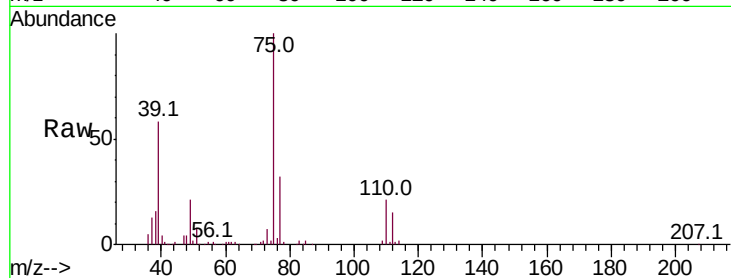
77 31.8 25.0 37.4

Manual Integrations

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MMDadoda

9/3/2019 10:56:12 AM



#54

cis-1,3-Dichloropropene

Concen: 19.812 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

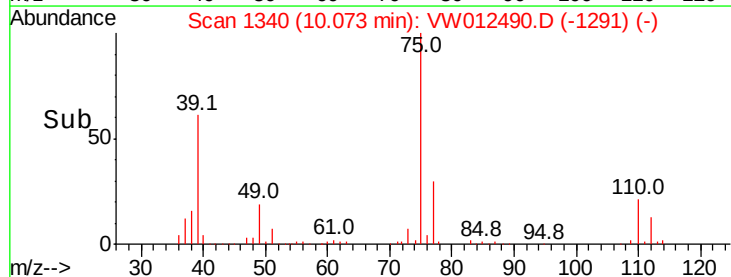
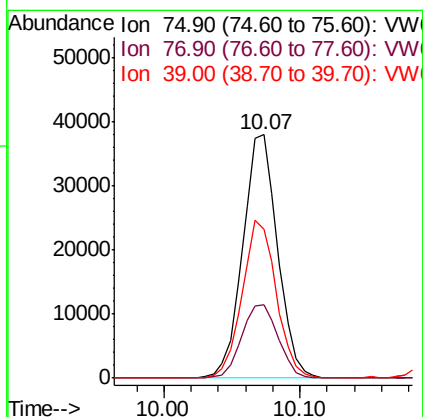
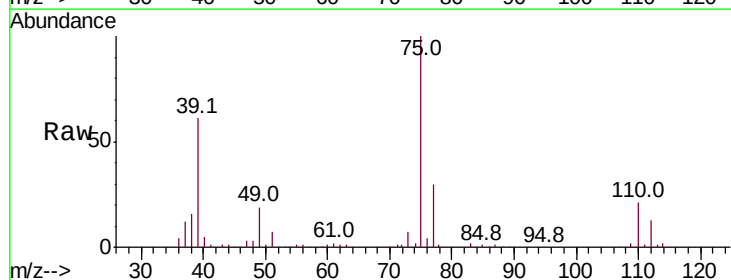
Tgt Ion: 75 Resp: 67952

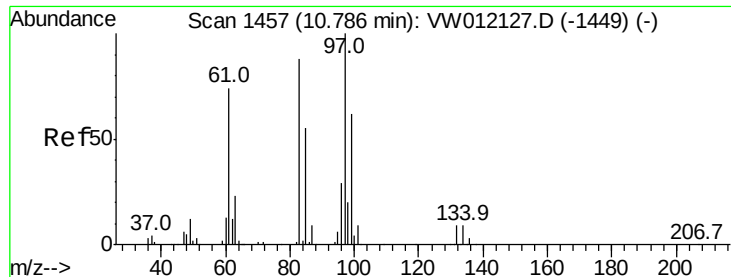
Ion Ratio Lower Upper

75 100

77 30.2 25.1 37.7

39 60.8 48.3 72.5





#55

1,1,2-Trichloroethane

Concen: 21.385 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

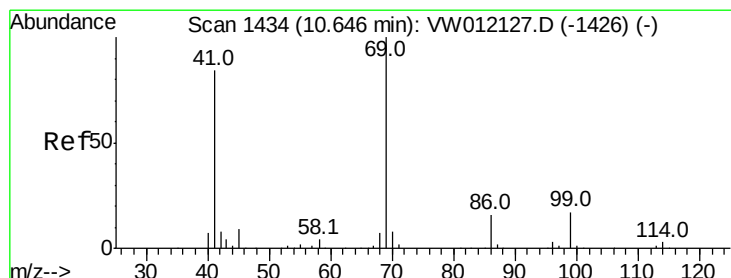
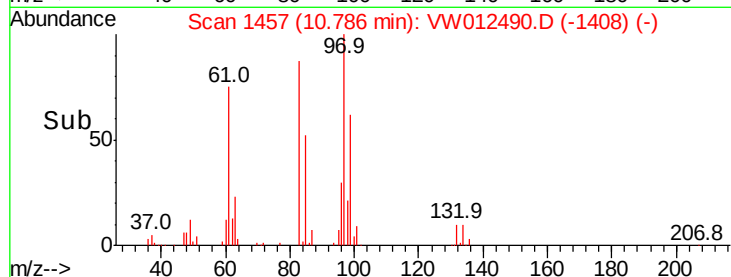
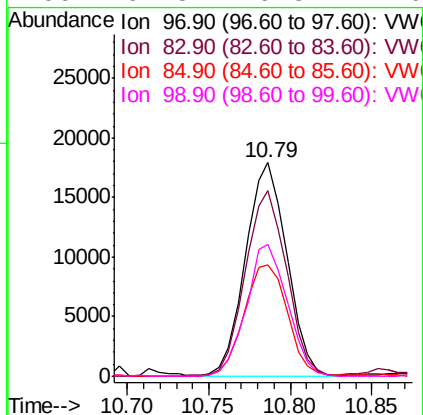
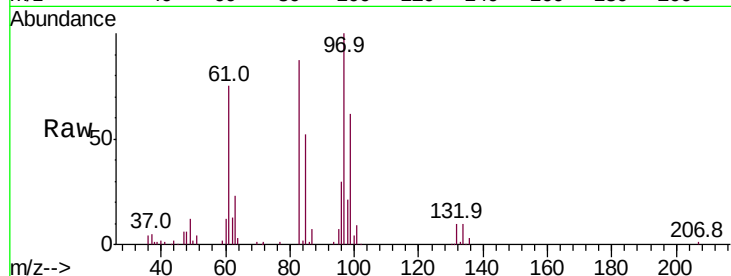
ClientSampled :

VW0902SBS01

Tot Ion:	97	Resp:	31703
Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.8	106.2
85	52.2	43.8	65.8
99	61.8	49.8	74.6

Manual Integrations
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#56

Ethyl methacrylate

Concen: 20.675 ug/l

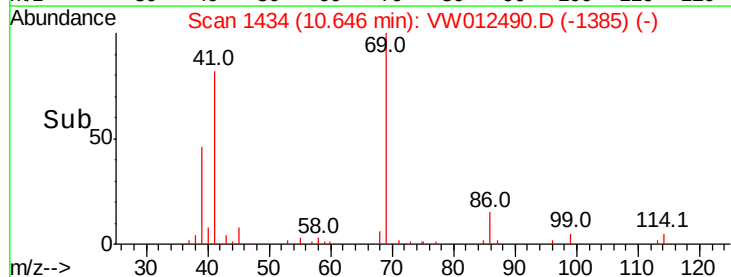
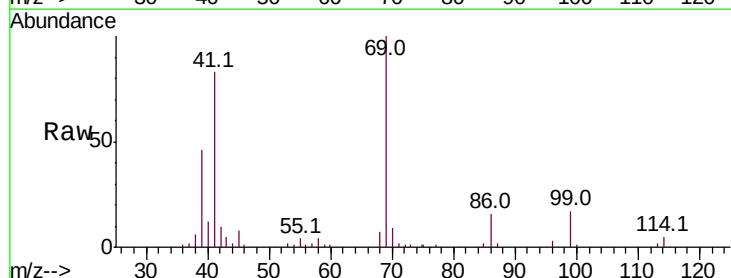
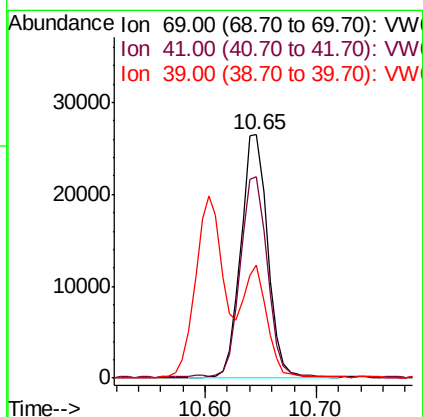
RT: 10.65 min Scan# 1434

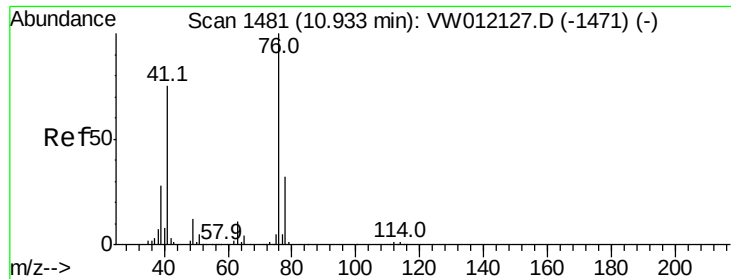
Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Tgt Ion:	69	Resp:	44609
Ion	Ratio	Lower	Upper
69	100		
41	83.8	66.5	99.7
39	39.2	31.0	46.4





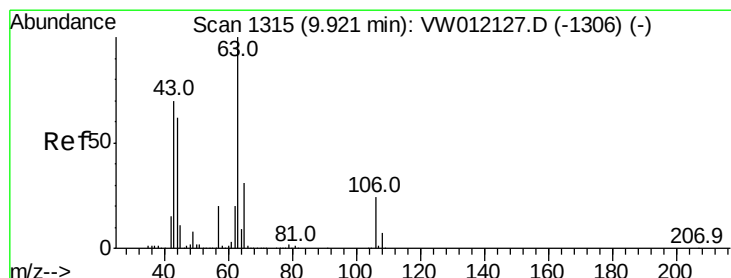
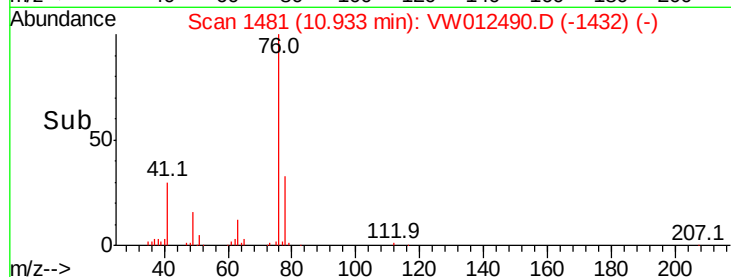
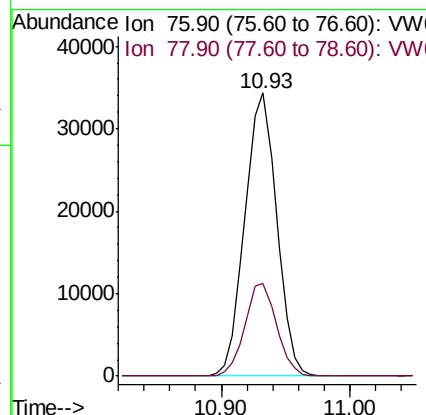
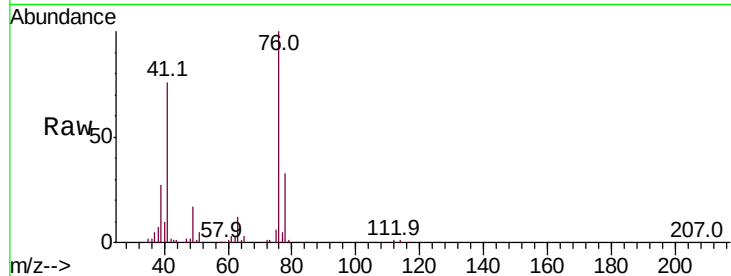
#57
 1,3-Dichloropropane
 Concen: 20.963 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS01

Tot Ion: 76 Resp: 58729
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.8

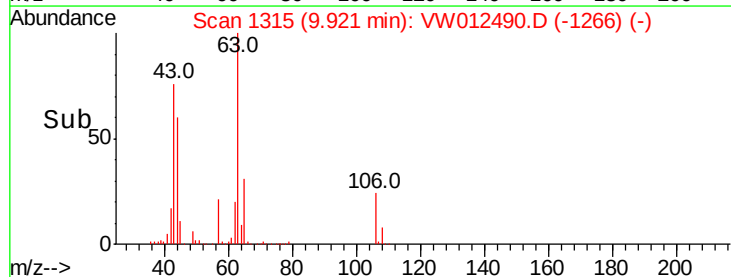
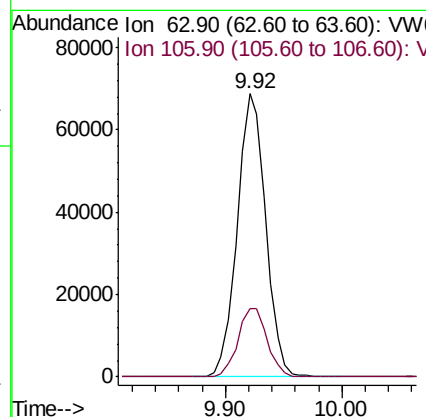
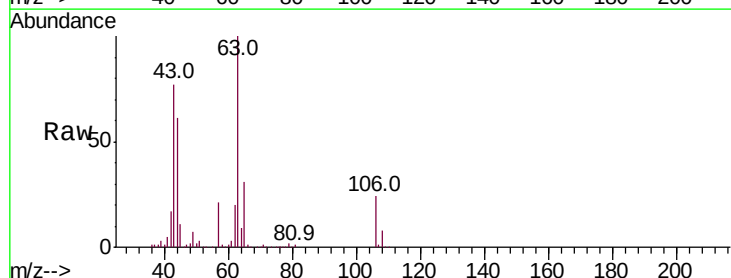
Manual Integrations
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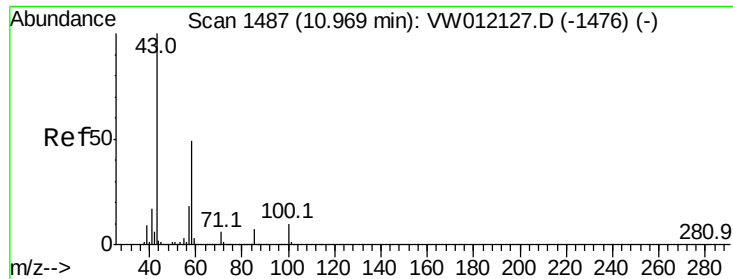
MMDadoda
 9/3/2019 10:56:12 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.632 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion: 63 Resp: 116971
 Ion Ratio Lower Upper
 63 100
 106 25.0 19.8 29.8





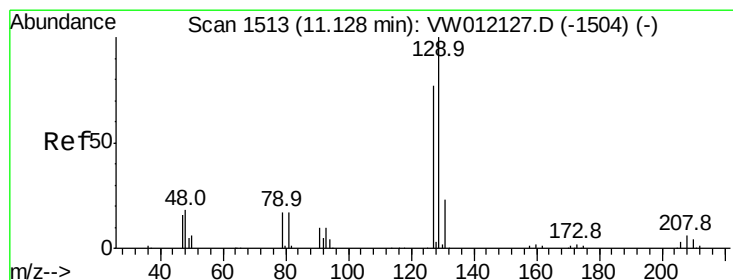
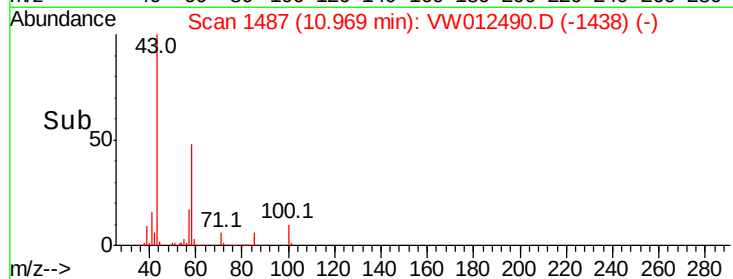
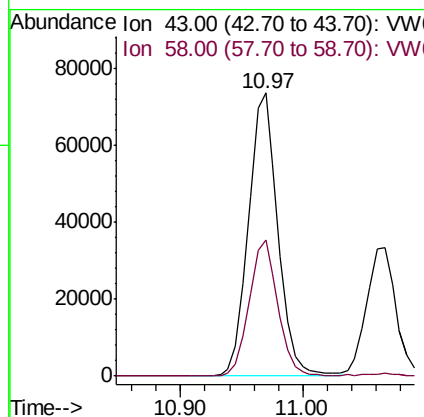
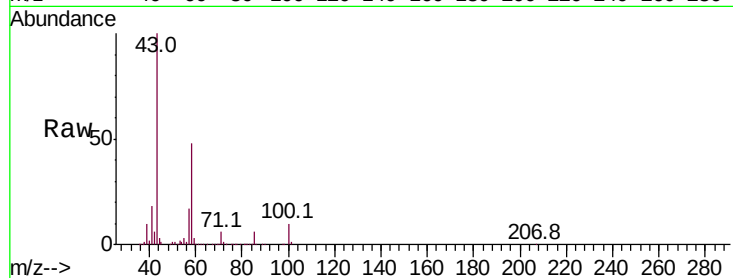
#59
2-Hexanone
Concen: 105.259 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	46.9	24.3	72.9

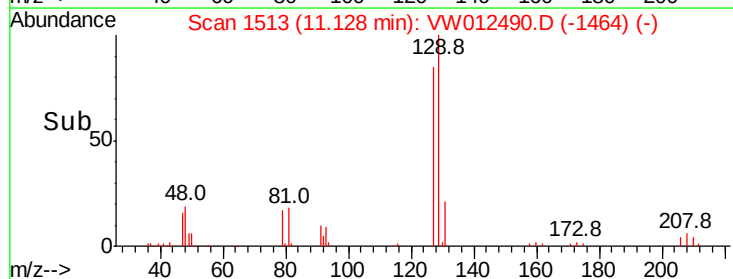
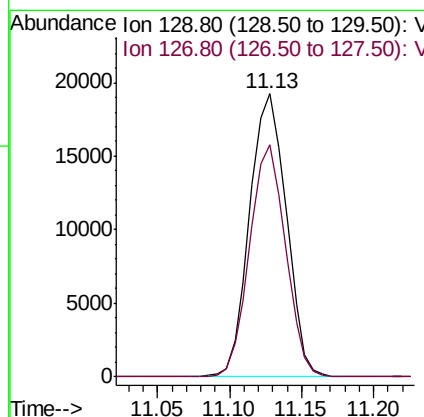
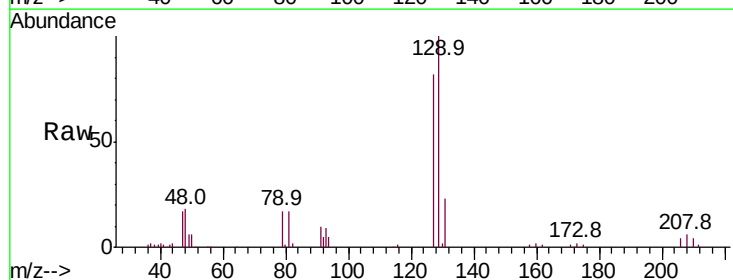
Manual Integrations
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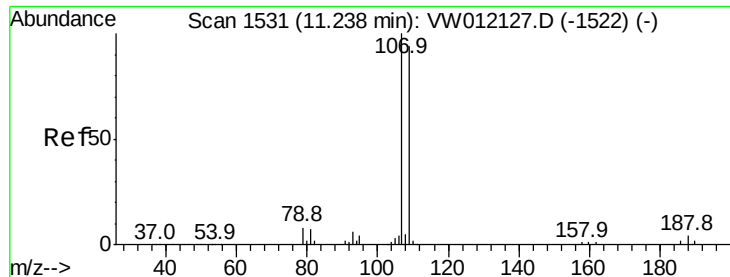
MMDadoda
9/3/2019 10:56:12 AM



#60
Dibromochloromethane
Concen: 20.583 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
129	100		
127	80.0	38.6	115.8





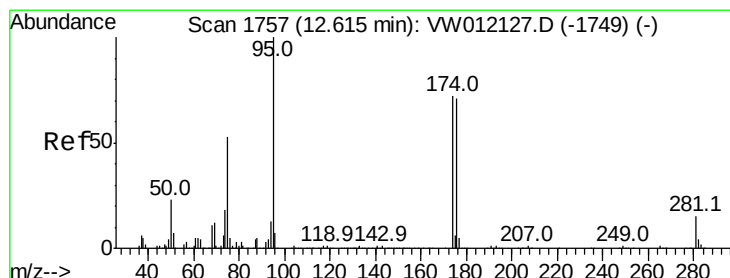
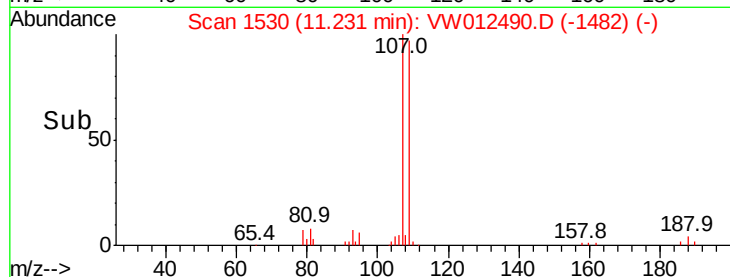
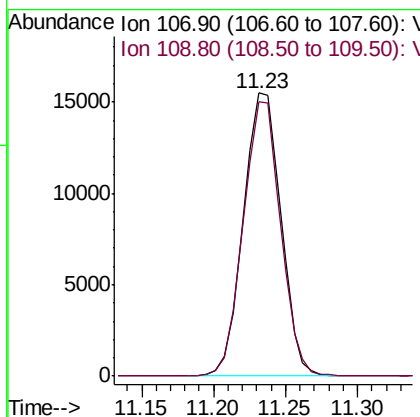
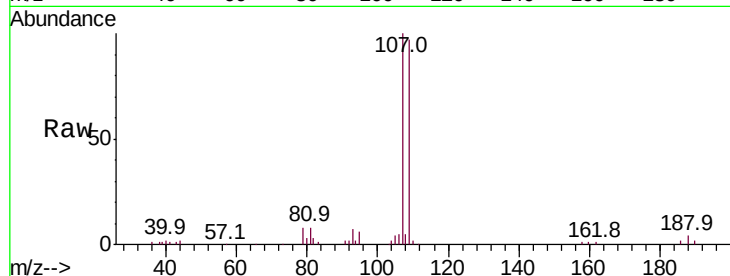
#61
 1,2-Dibromoethane
 Concen: 20.205 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	27905		
109	96.9	75.4	113.2	

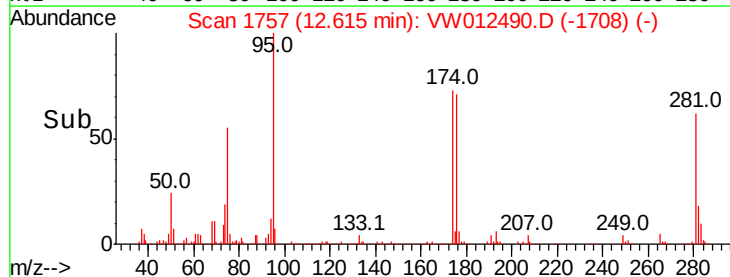
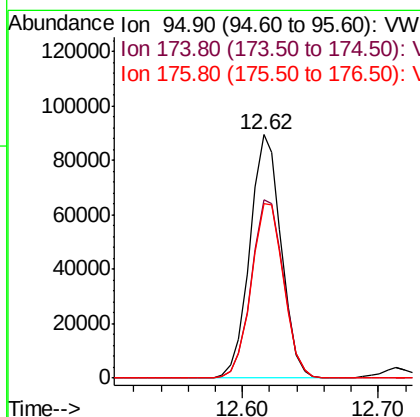
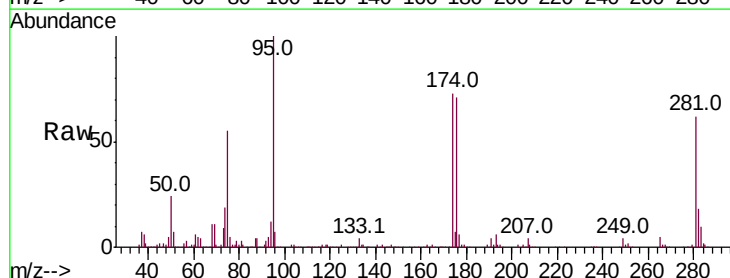
Manual Integrations
 APPROVED

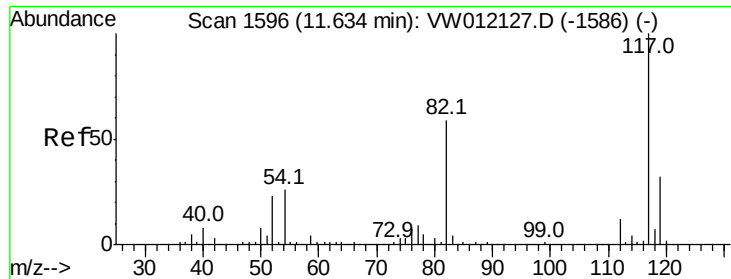
MMDadoda
 9/3/2019 10:56:12 AM



#62
 4-Bromofluorobenzene
 Concen: 54.474 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	144116		
174	76.0	0.0	150.8	
176	74.3	0.0	148.6	





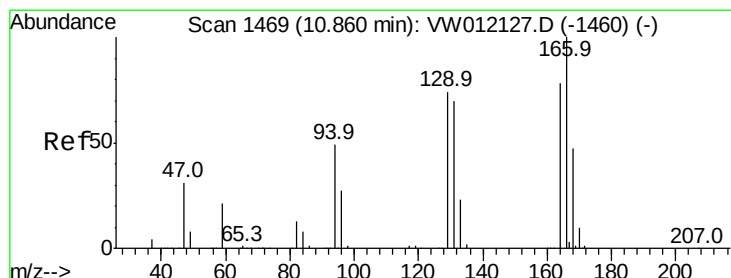
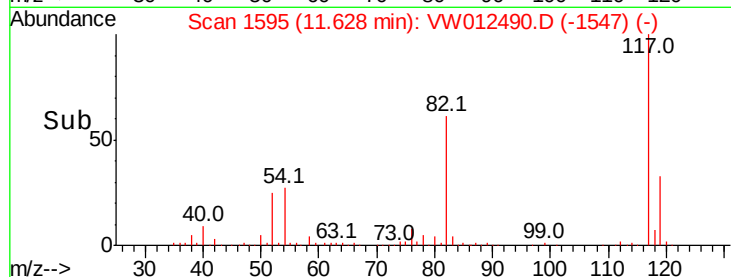
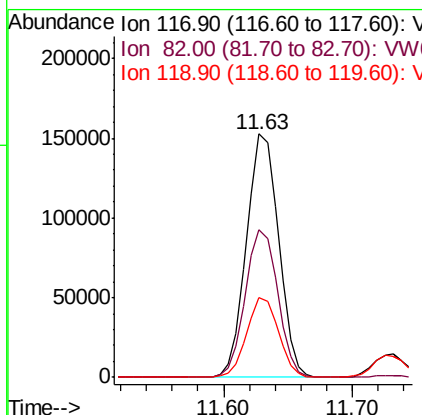
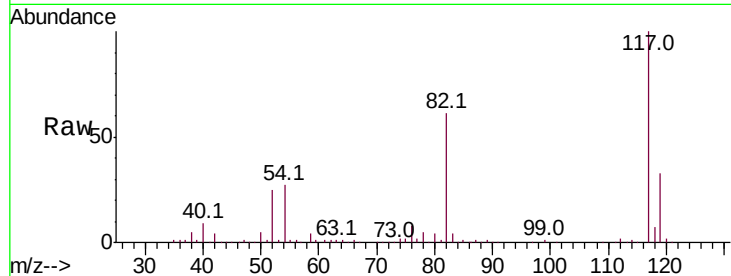
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	264231		
82	60.9	47.4	71.2	
119	32.7	25.4	38.2	

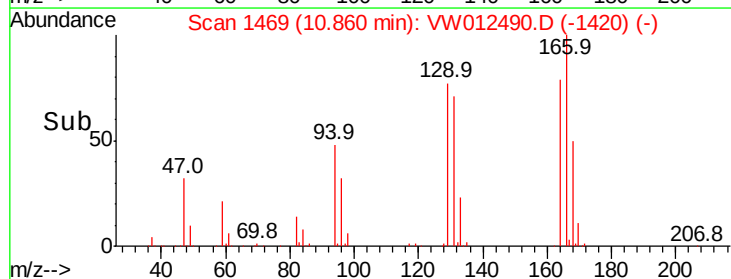
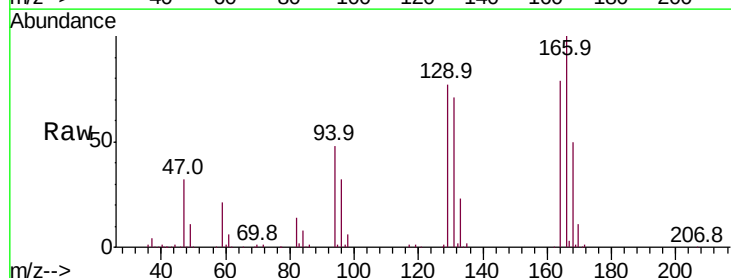
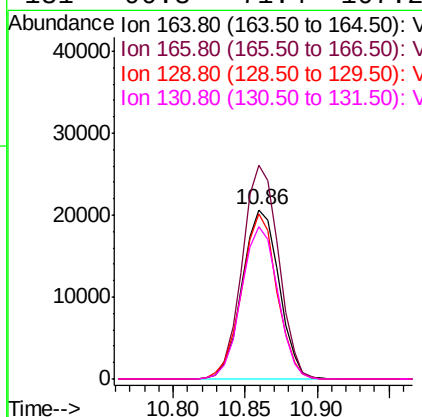
Manual Integrations
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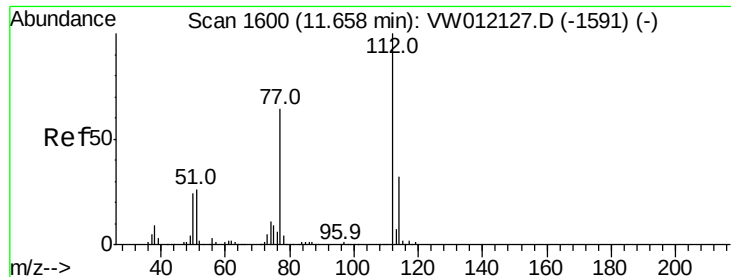
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#64
Tetrachloroethene
Concen: 21.284 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	36461		
166	126.4	102.4	153.6	
129	97.6	75.8	113.6	
131	90.3	71.4	107.2	





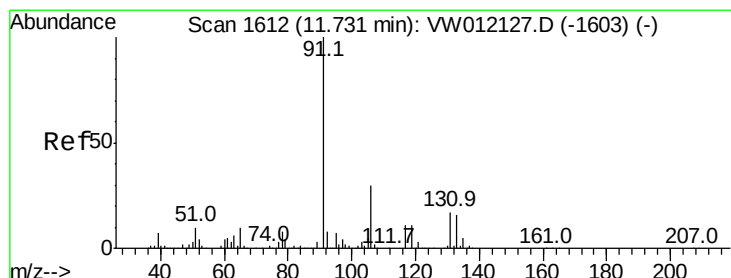
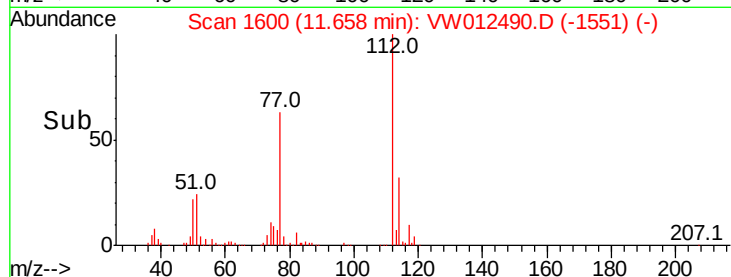
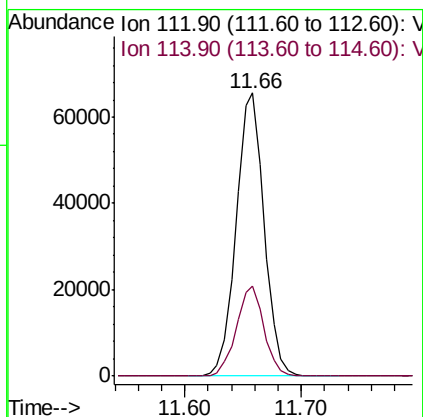
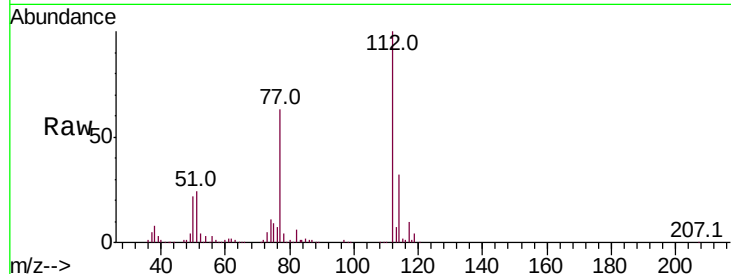
#65
Chlorobenzene
Concen: 21.024 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	109388		
114	32.0	25.8	38.6	

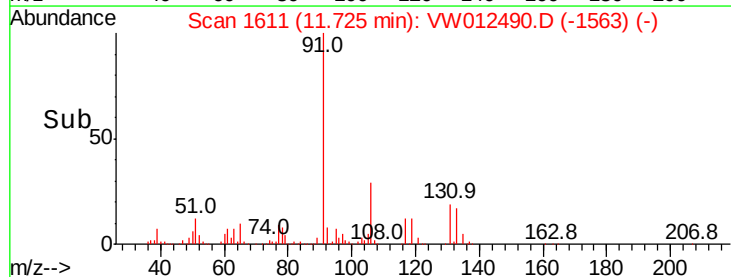
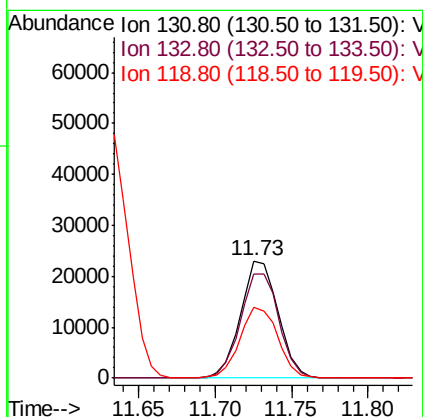
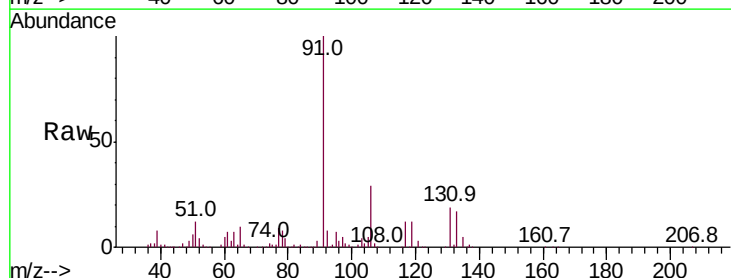
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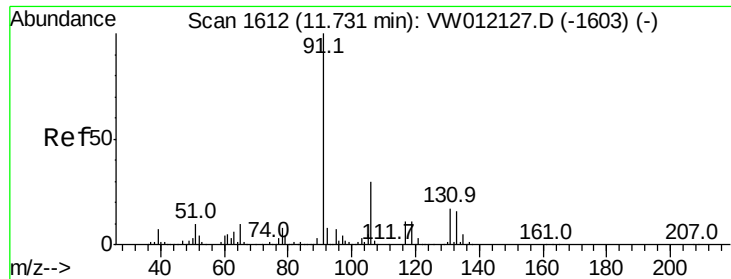
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.576 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	39163		
133	92.3	47.1	141.3	
119	61.4	31.8	95.3	





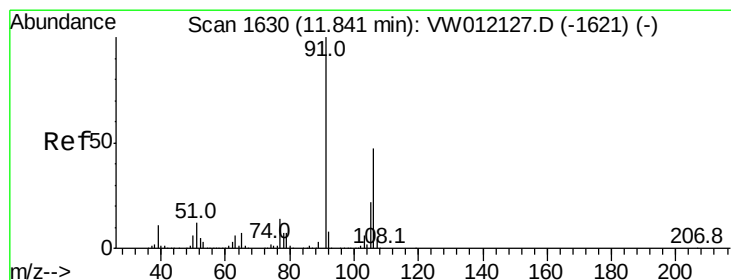
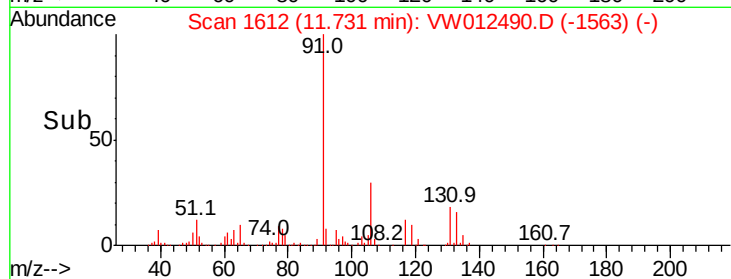
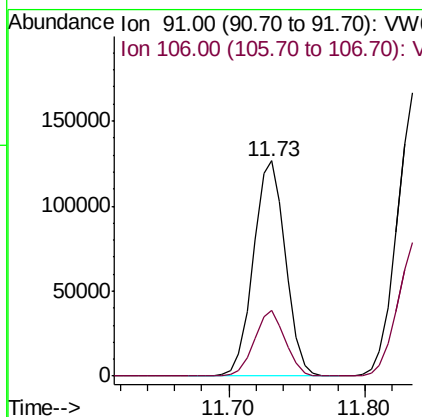
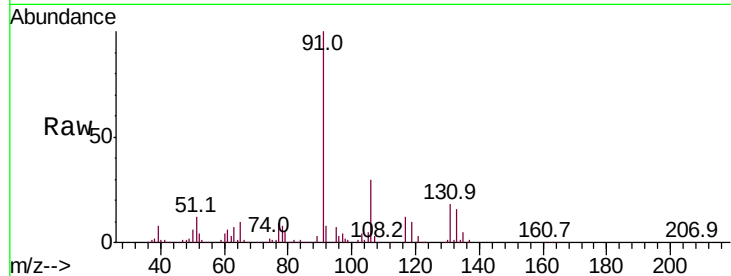
#67
Ethyl Benzene
Concen: 20.809 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5

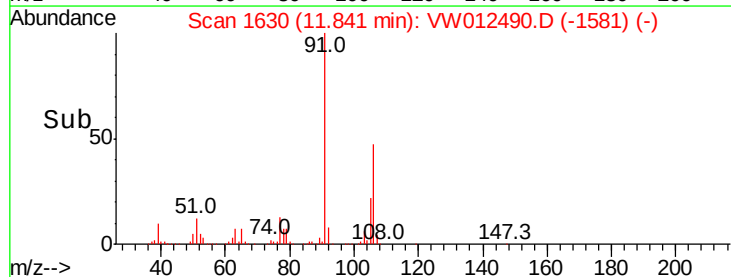
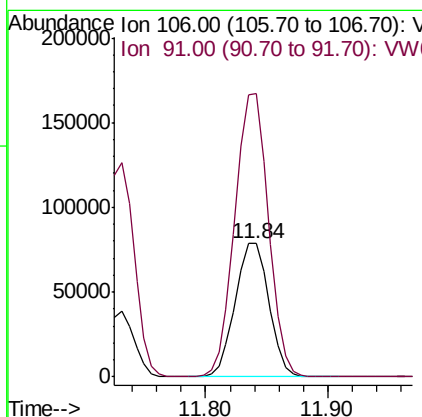
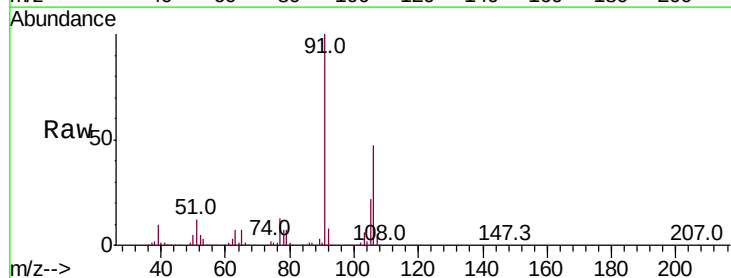
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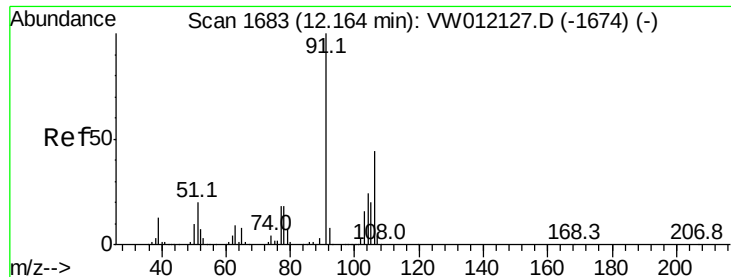
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9/3/2019 10:56:12 AM



#68
m/p-Xylenes
Concen: 41.790 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.8	169.5	254.3





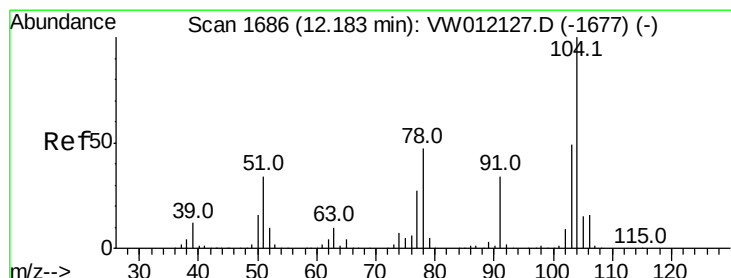
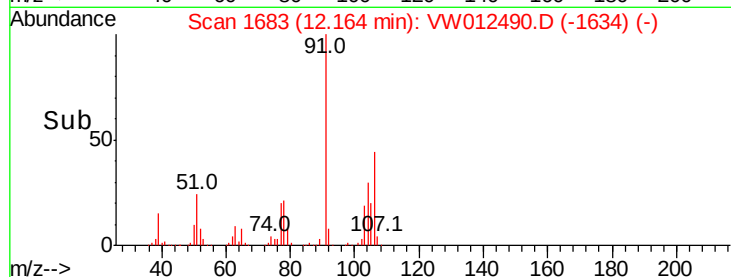
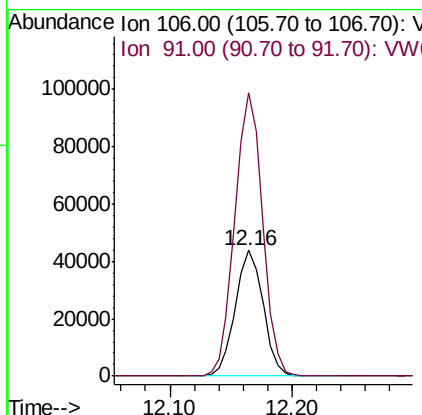
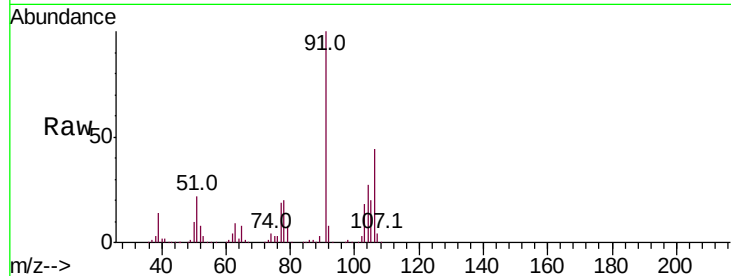
#69
o-Xylene
Concen: 20.656 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampled :
VW0902SBS01

Tot Ion:106 Resp: 69020
Ion Ratio Lower Upper
106 100
91 224.8 111.6 334.6

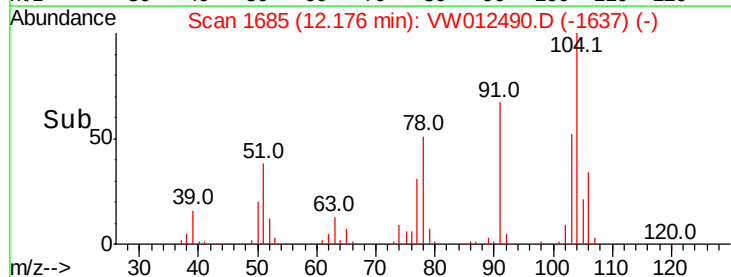
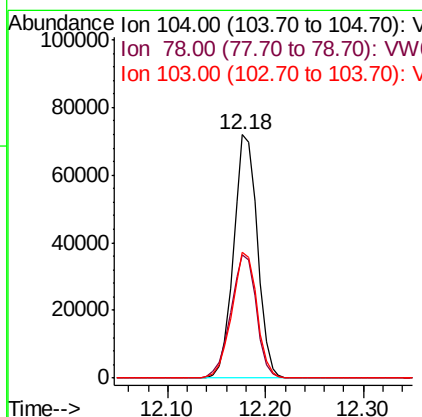
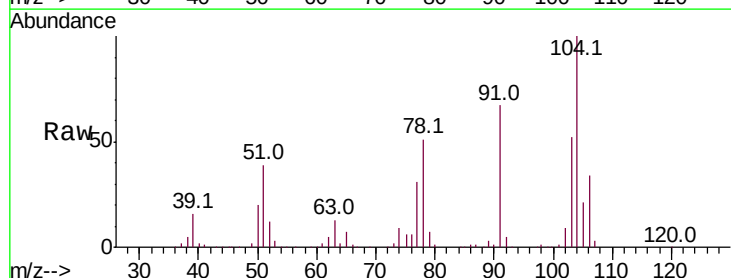
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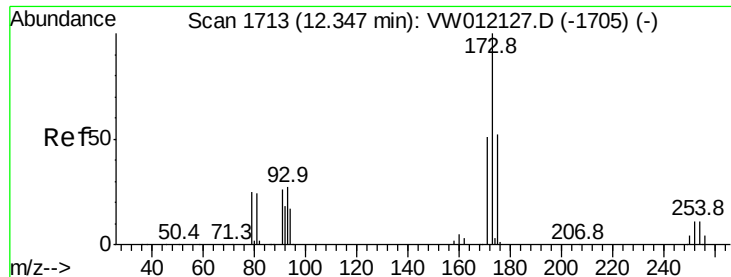
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#70
Styrene
Concen: 20.979 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion:104 Resp: 121334
Ion Ratio Lower Upper
104 100
78 54.3 43.1 64.7
103 55.0 43.5 65.3





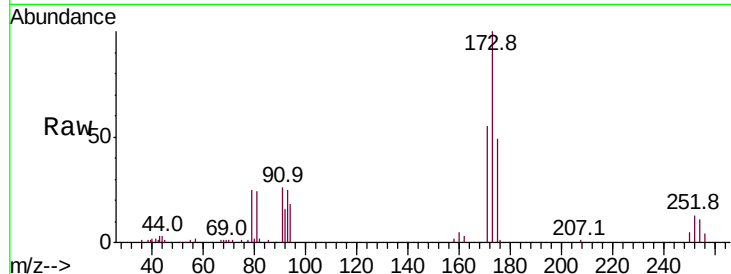
#71
Bromoform
Concen: 21.709 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

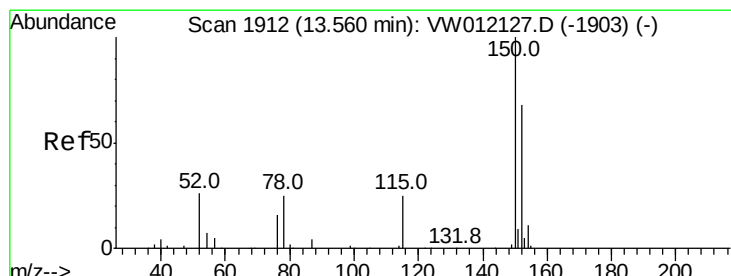
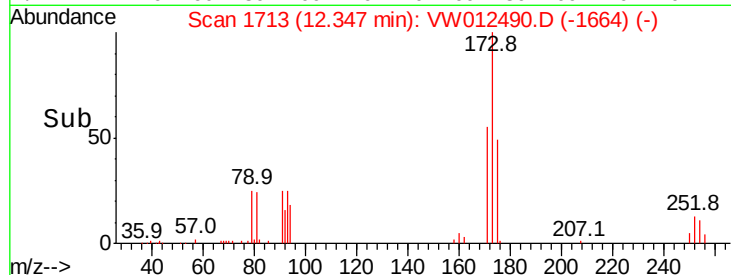
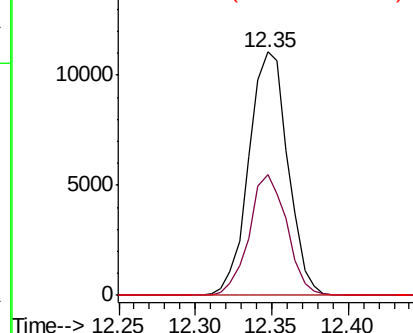
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.6	74.0
254	0.0	0.2	0.2#

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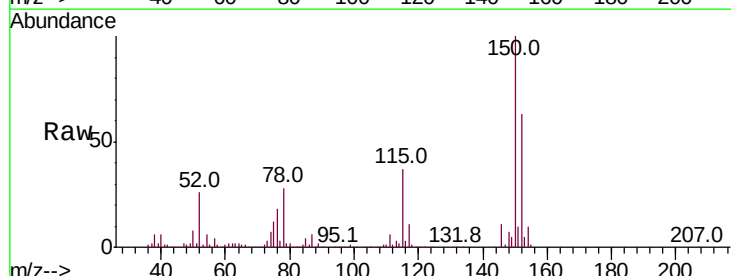


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

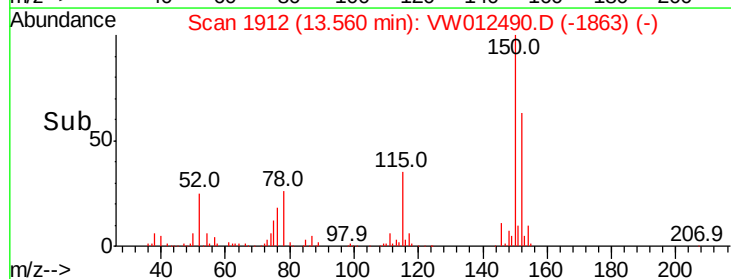
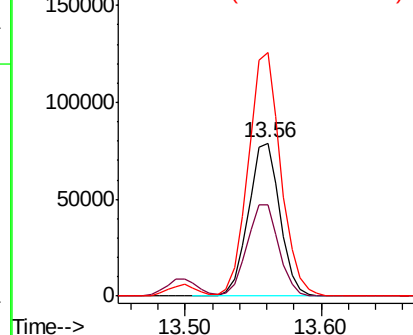


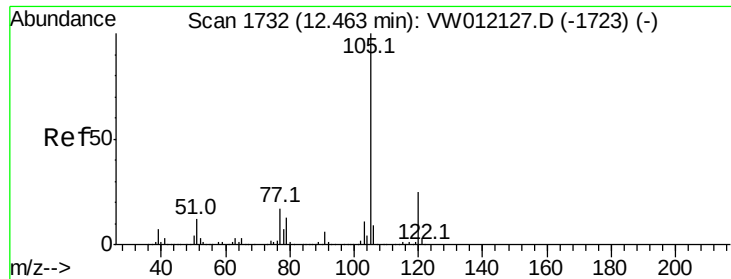
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.1	90.3
150	164.4	0.0	345.8



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





#73

Isopropylbenzene

Concen: 20.896 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

Tot Ion:105 Resp: 199880

Ion Ratio Lower Upper

105 100

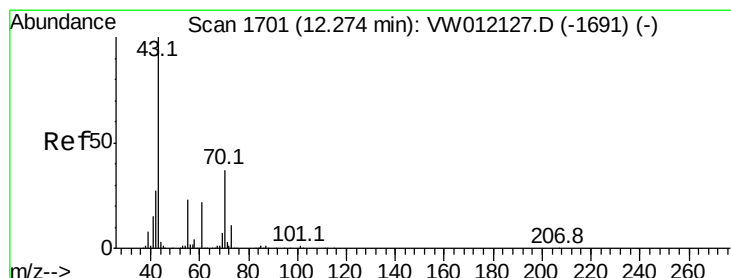
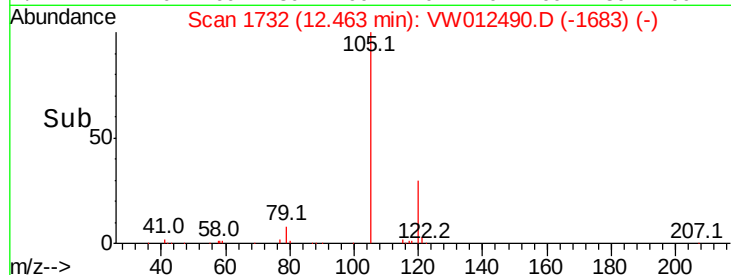
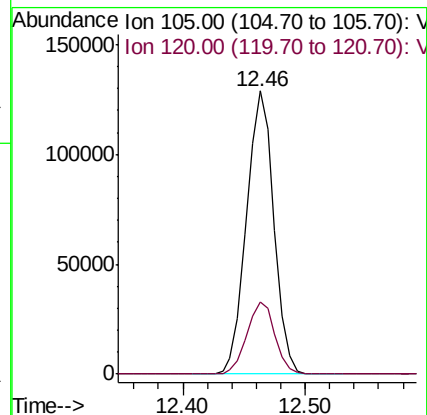
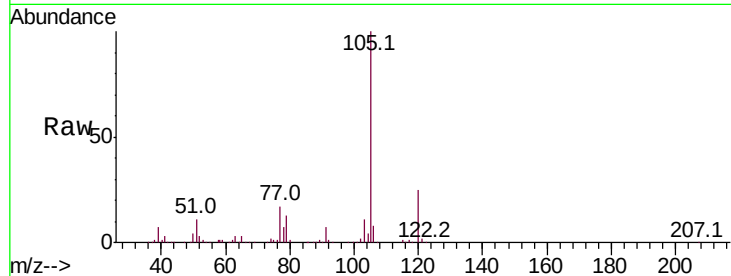
120 25.8 12.5 37.5

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#74

N-ethyl acetate

Concen: 20.058 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Tgt Ion: 43 Resp: 57967

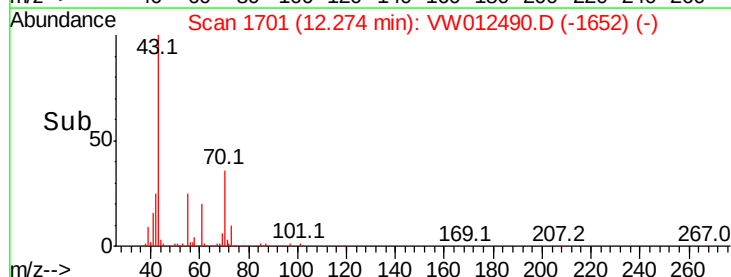
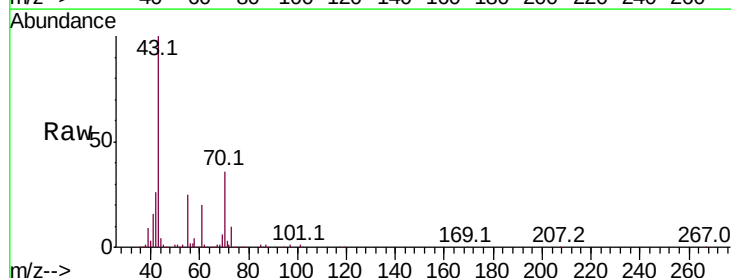
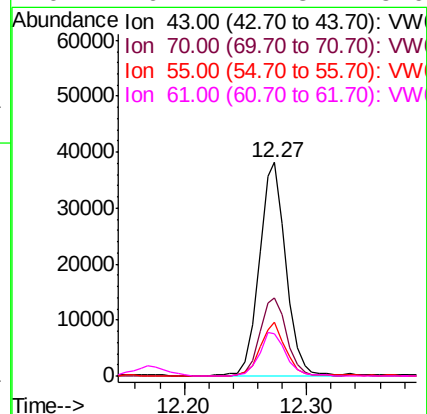
Ion Ratio Lower Upper

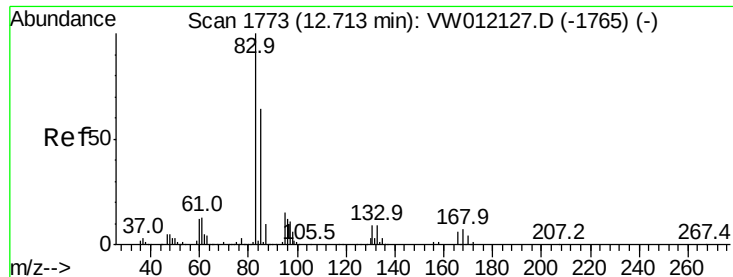
43 100

70 37.0 28.6 43.0

55 23.4 17.8 26.6

61 20.4 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.836 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

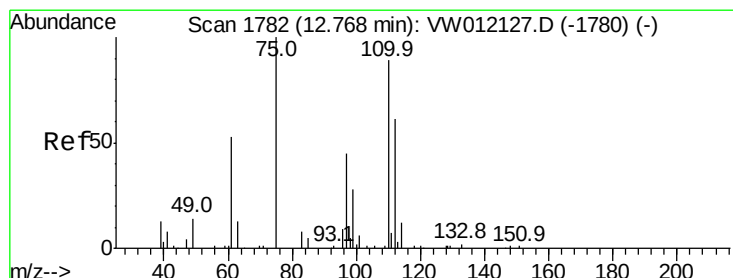
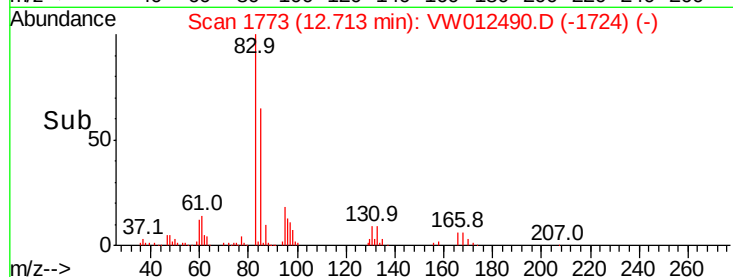
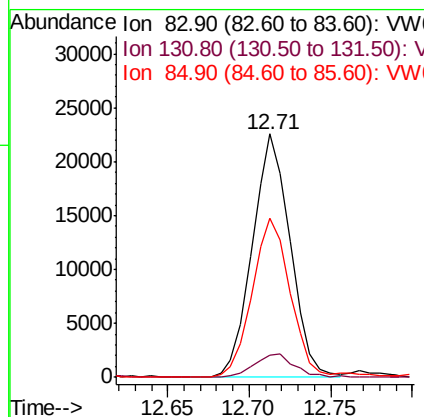
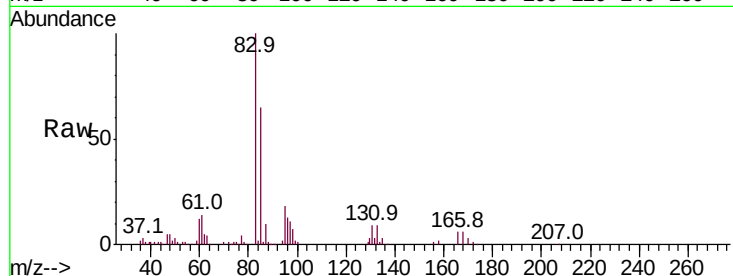
ClientSampleId :

VW0902SBS01

Tot Ion:	83	Resp:	36540
Ion Ratio	Lower	Upper	
83	100		
131	10.2	4.9	14.7
85	65.2	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 20.018 ug/l m

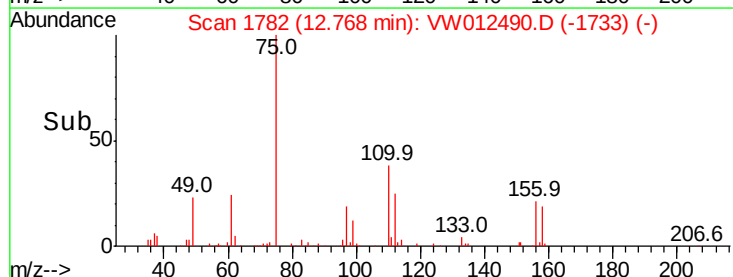
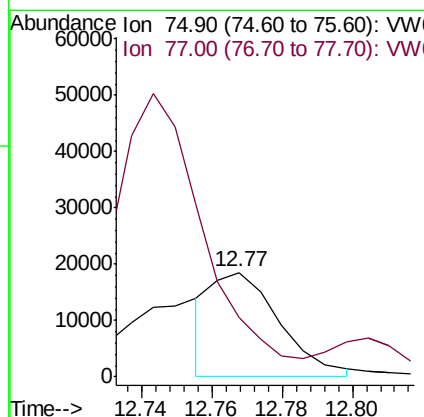
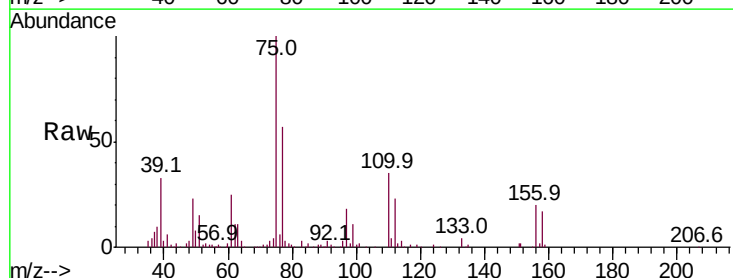
RT: 12.77 min Scan# 1782

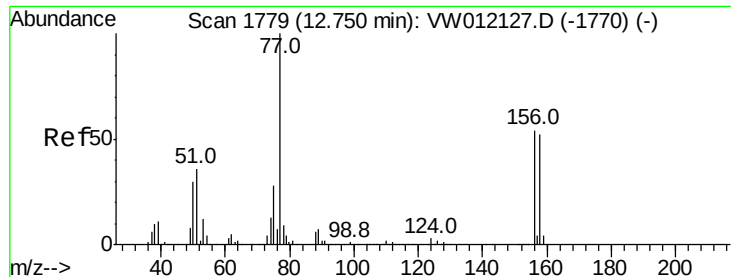
Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Tgt Ion:	75	Resp:	24888
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.854 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

Tot Ion:156 Resp: 43156

Ion Ratio Lower Upper

156 100

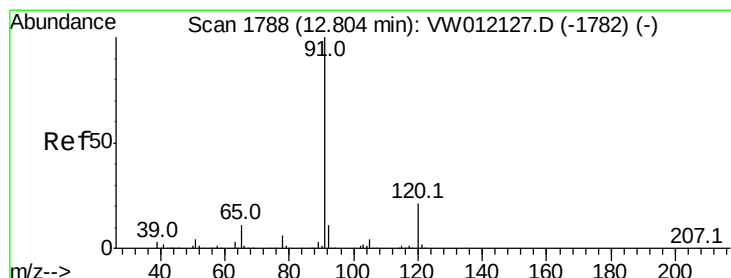
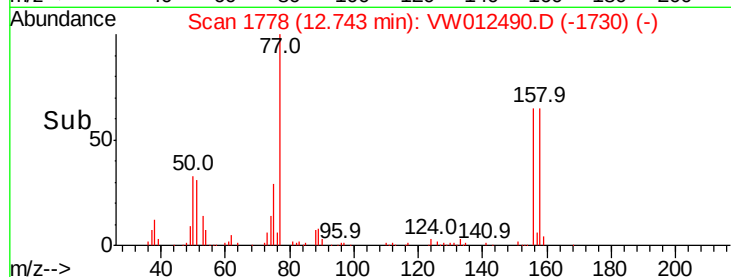
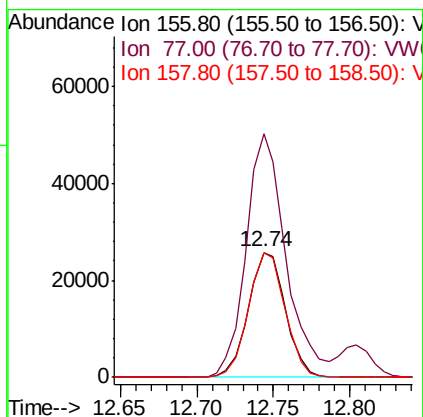
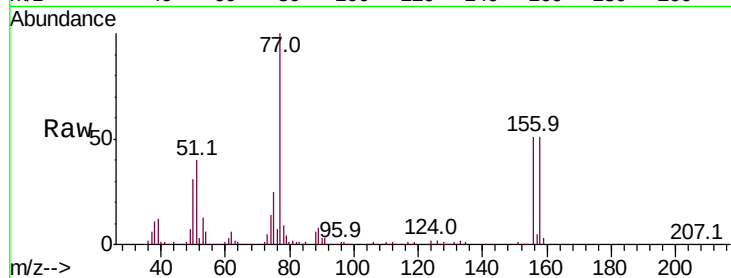
77 210.6 107.3 321.8

158 98.8 49.0 147.0

Manual Integrations
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#78

n-propylbenzene

Concen: 20.940 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012490.D

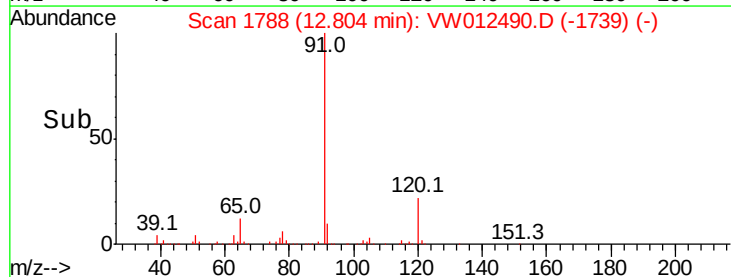
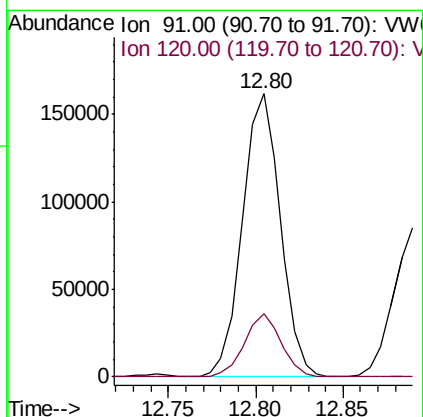
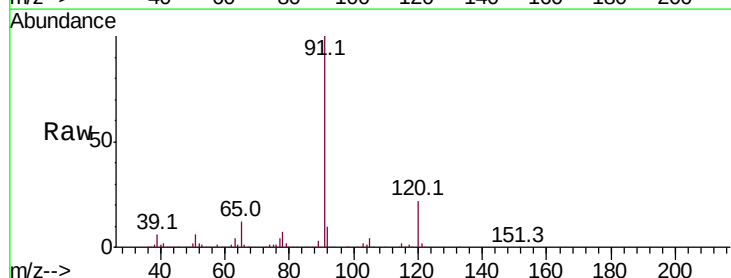
Acq: 02 Sep 2019 11:24

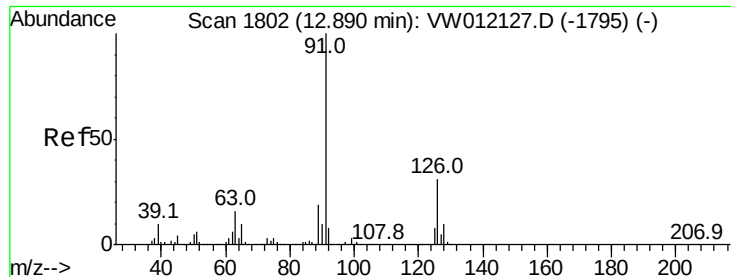
Tgt Ion: 91 Resp: 244524

Ion Ratio Lower Upper

91 100

120 21.7 10.5 31.6





#79

2-Chlorotoluene

Concen: 20.825 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS01

Tot Ion: 91 Resp: 138067

Ion Ratio Lower Upper

91 100

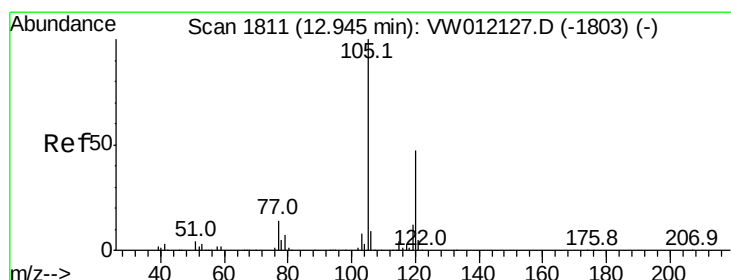
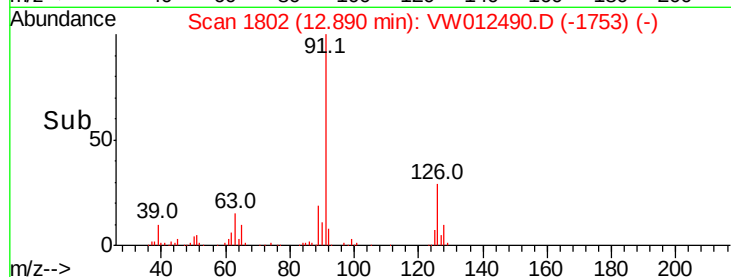
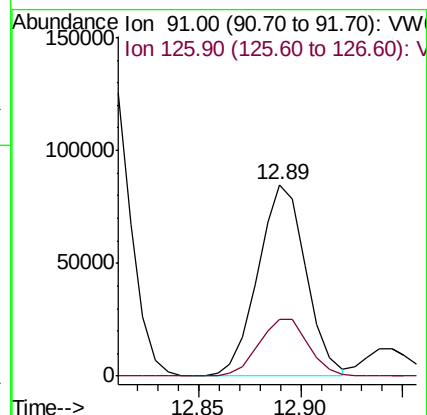
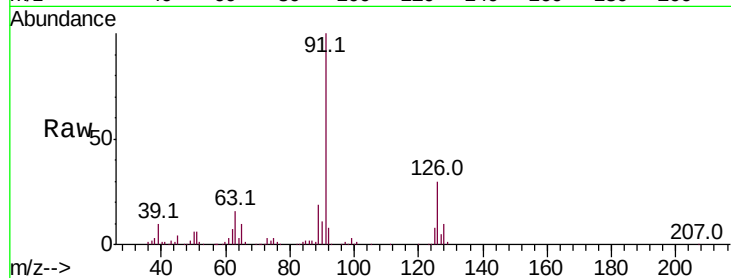
126 31.0 15.7 47.0

Manual Integrations

APPROVED

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#80

1,3,5-Trimethylbenzene

Concen: 20.982 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012490.D

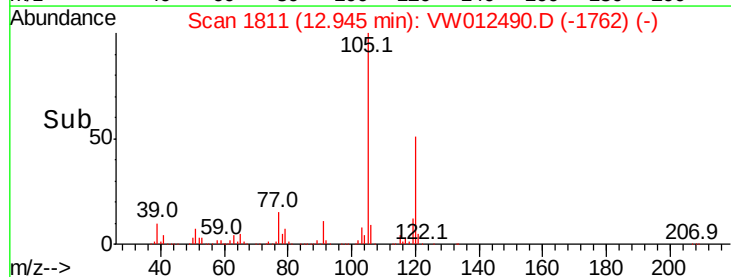
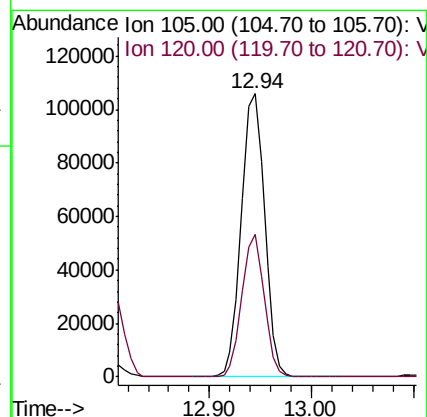
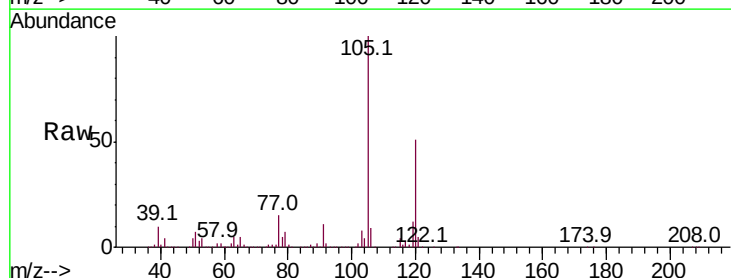
Acq: 02 Sep 2019 11:24

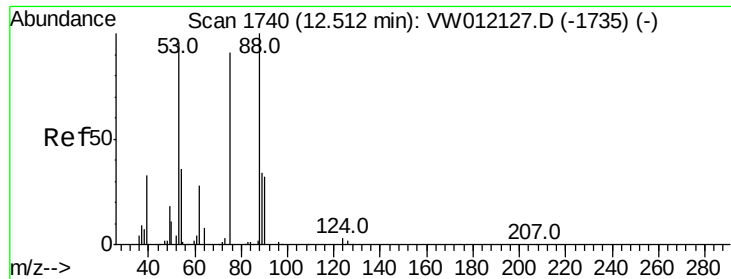
Tgt Ion:105 Resp: 167710

Ion Ratio Lower Upper

105 100

120 48.1 24.0 72.0





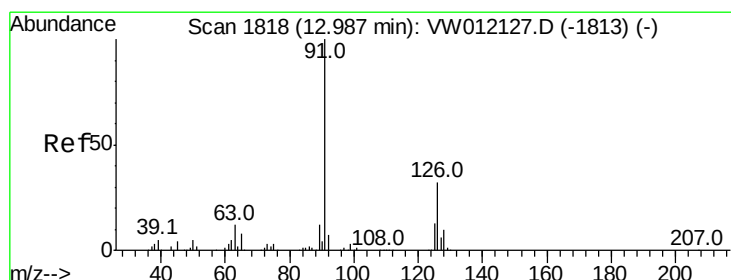
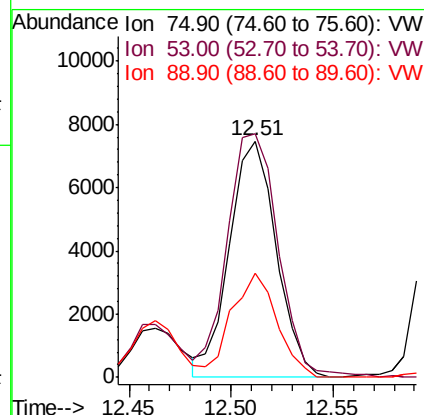
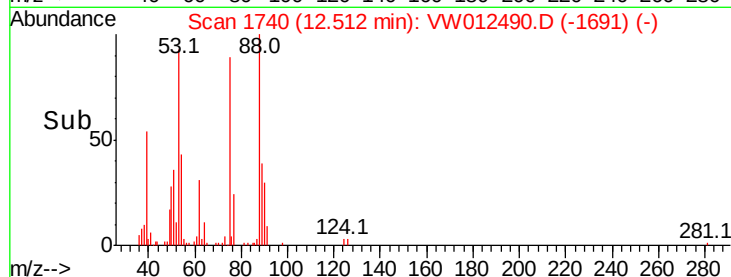
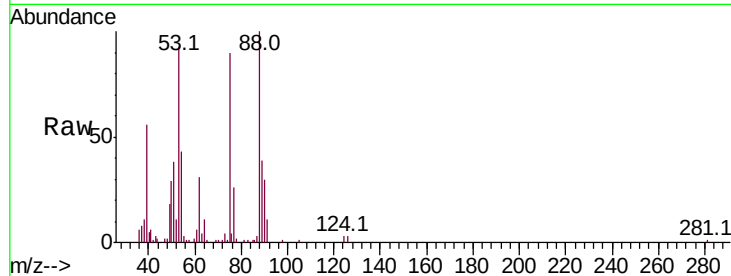
#81
trans-1,4-Dichloro-2-butene
Concen: 21.012 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.8	89.4	134.0
89	42.3	34.5	51.7

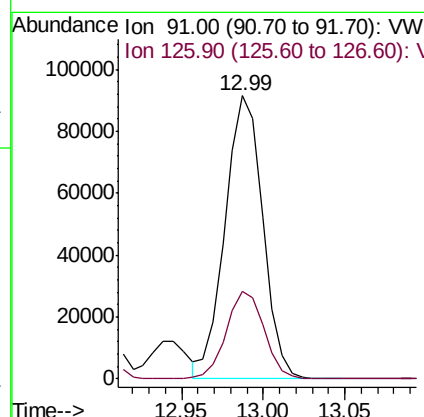
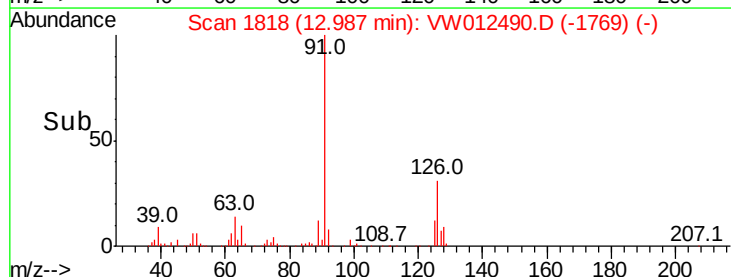
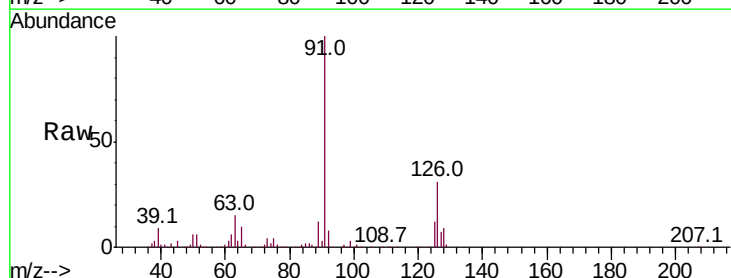
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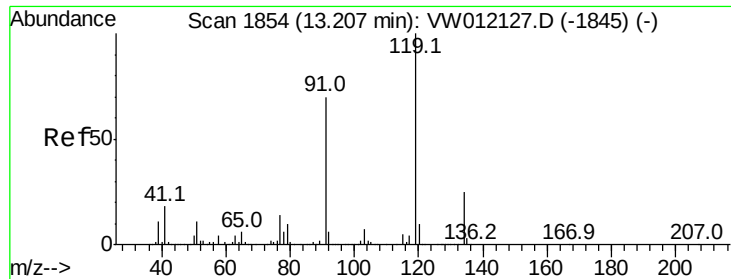
MMDadoda
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#82
4-Chlorotoluene
Concen: 21.186 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.6	46.8





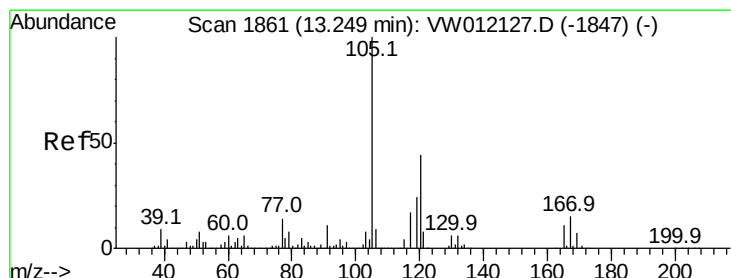
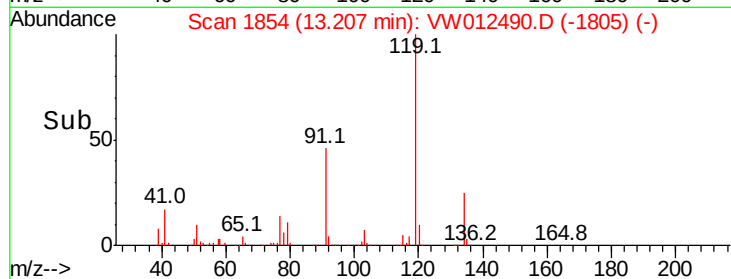
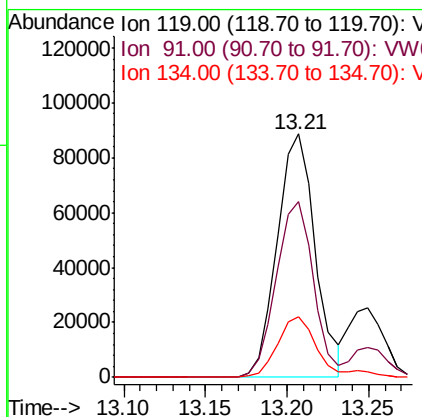
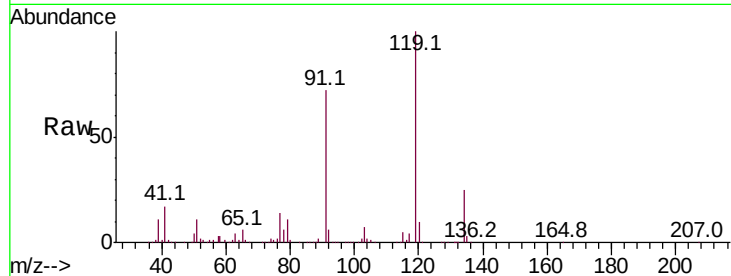
#83
 tert-Butylbenzene
 Concen: 21.137 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.8	34.8	104.3
134	25.0	13.3	39.8

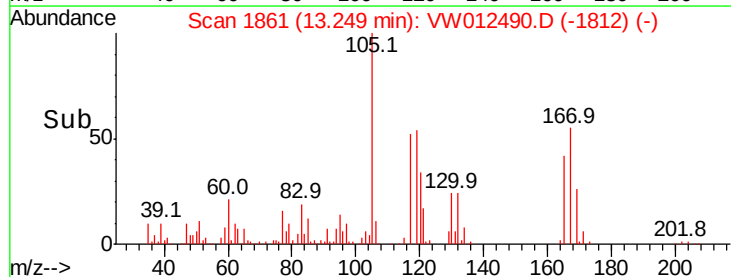
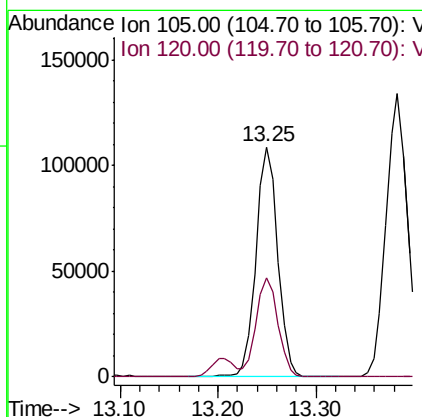
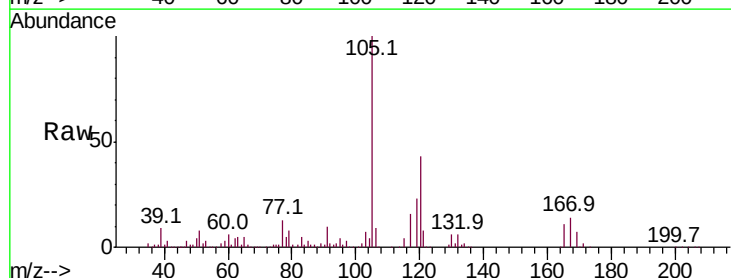
Manual Integrations
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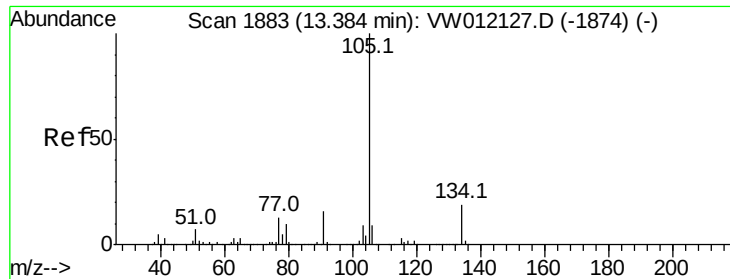
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.908 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.0	21.9	65.7





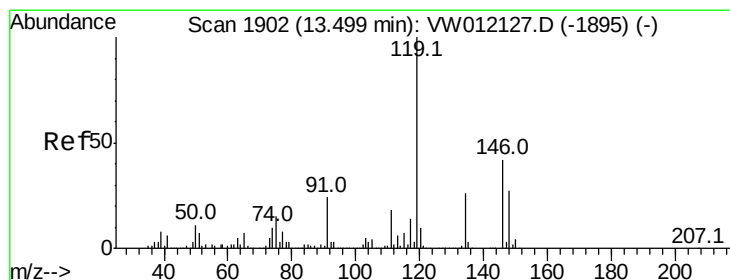
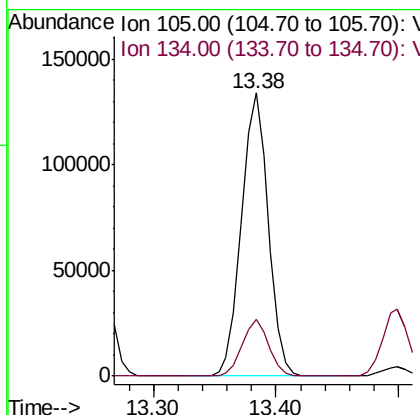
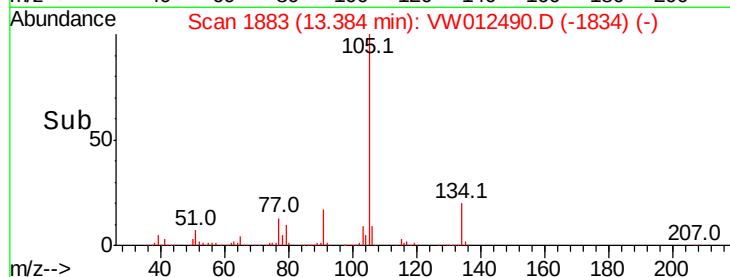
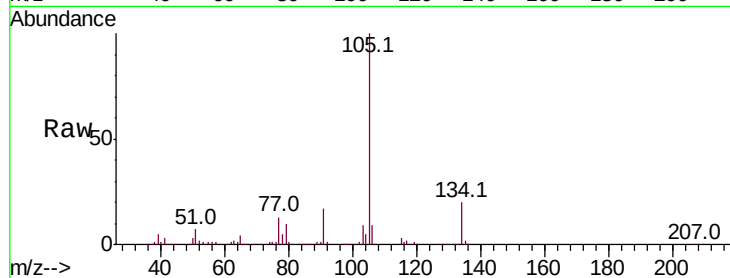
#85
 sec-Butylbenzene
 Concen: 20.979 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Instrument :
 MSVOA_W
 ClientSampled :
 VW0902SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	203505		
134	19.8	9.8	29.4	

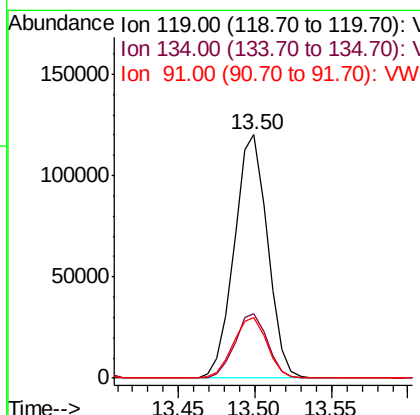
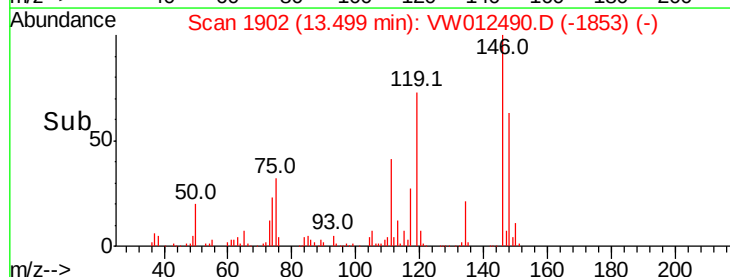
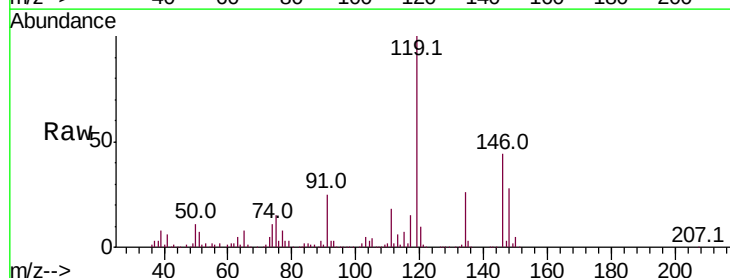
Manual Integrations
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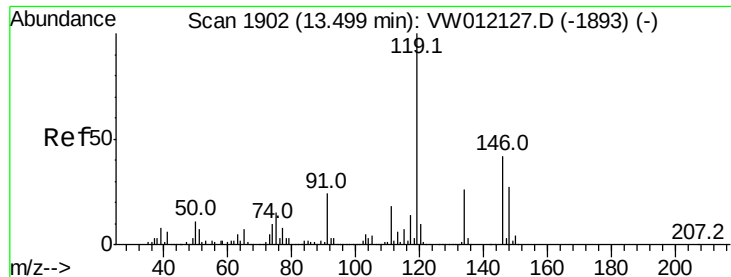
MMDadoda
 9/3/2019 10:56:12 AM



#86
 p-Isopropyltoluene
 Concen: 20.847 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	180598		
134	26.0	12.8	38.3	
91	25.5	12.3	36.9	





#87

1,3-Dichlorobenzene

Concen: 20.877 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

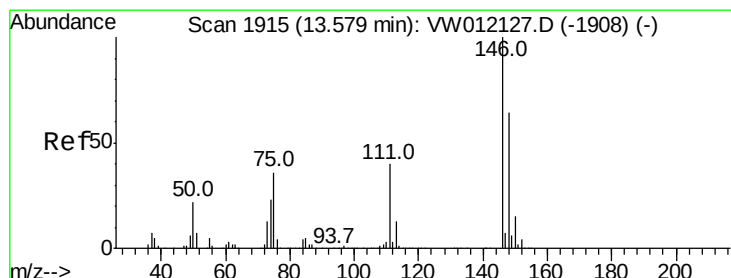
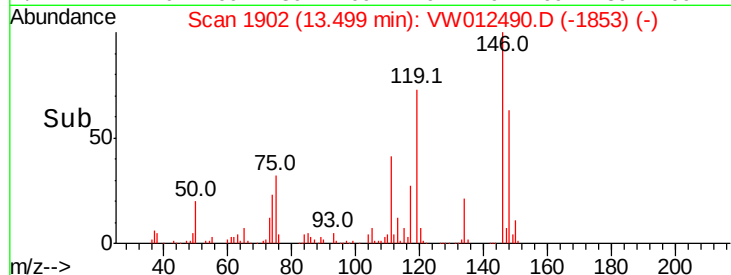
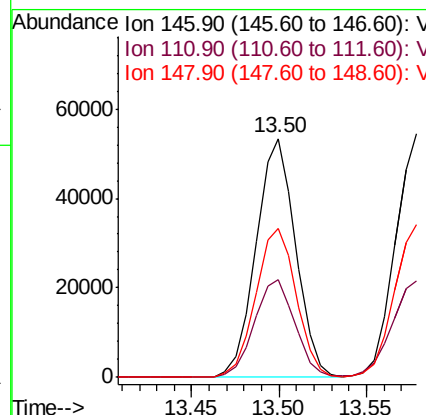
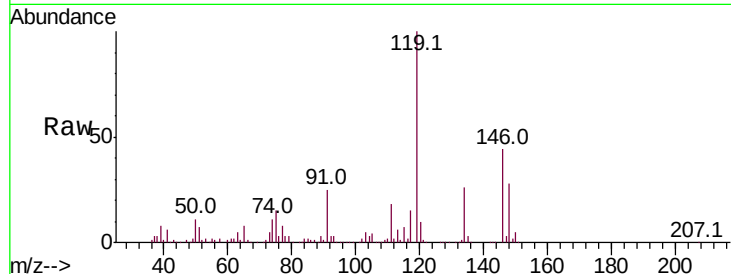
Instrument :
MSVOA_W

ClientSampleId :
VW0902SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.7
148	64.1	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.911 ug/l

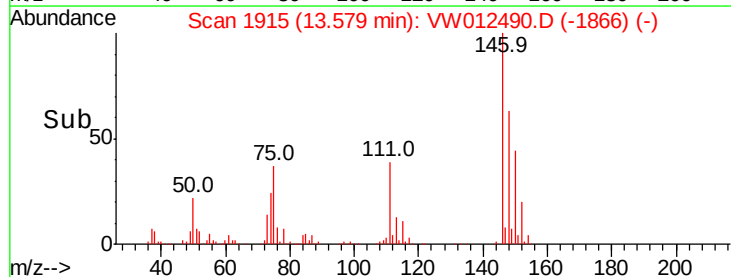
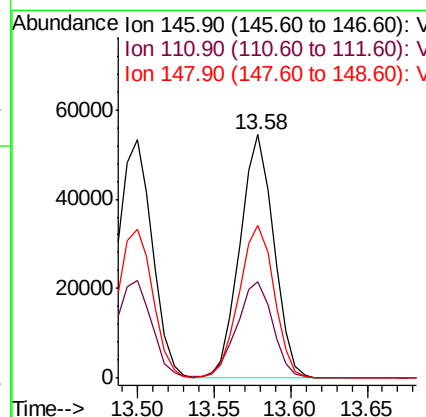
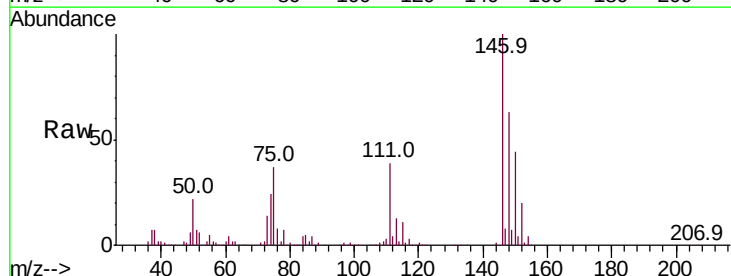
RT: 13.58 min Scan# 1915

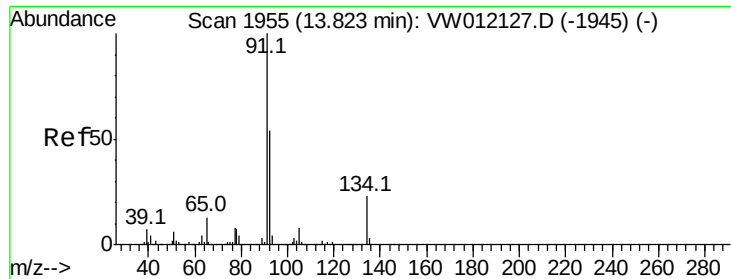
Delta R.T. -0.00 min

Lab File: VW012490.D

Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.0	60.0
148	65.4	32.1	96.3





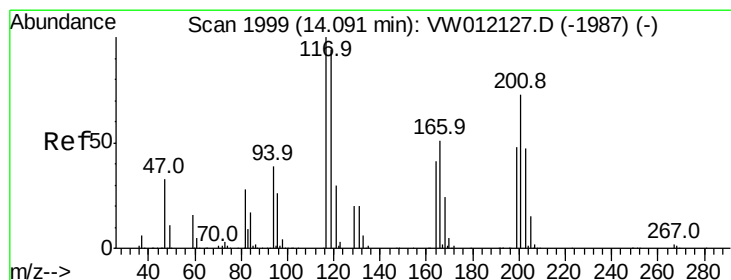
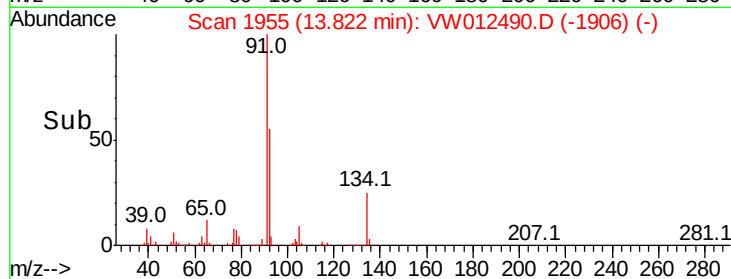
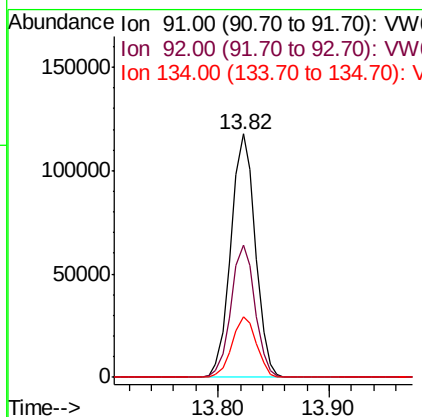
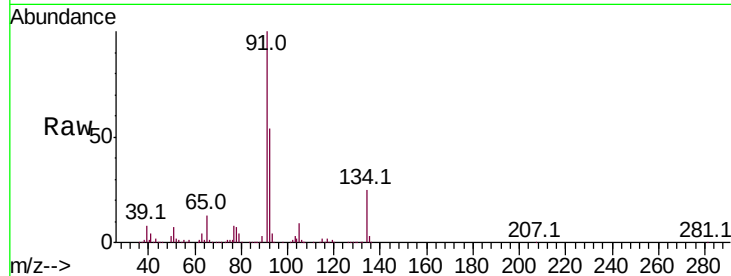
#89
n-Butylbenzene
Concen: 20.813 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	179296		
92	53.4		27.1	81.2
134	25.0		12.2	36.4

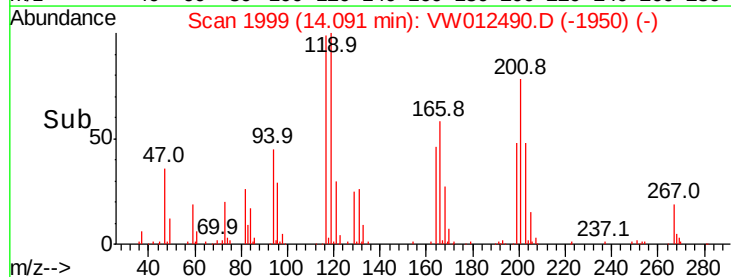
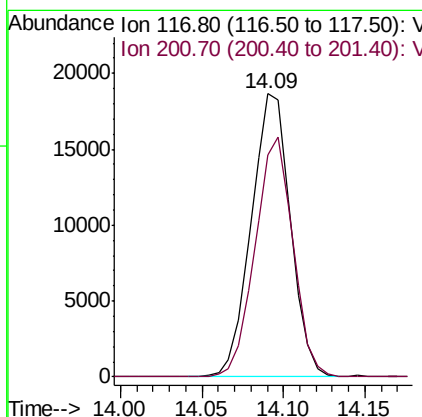
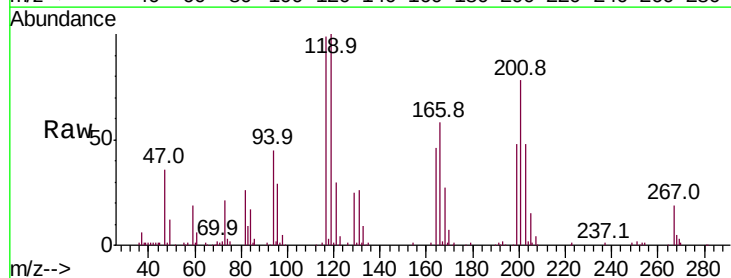
Manual Integrations
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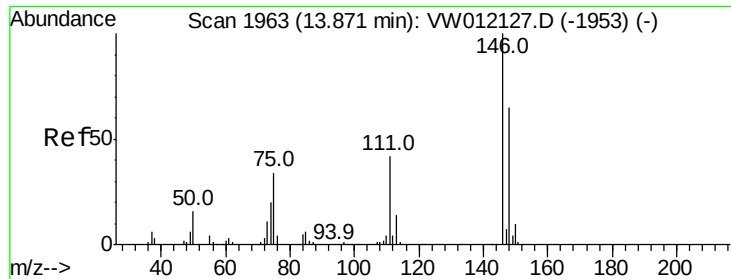
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#90
Hexachloroethane
Concen: 20.536 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	31212		
201	81.7		38.6	115.7





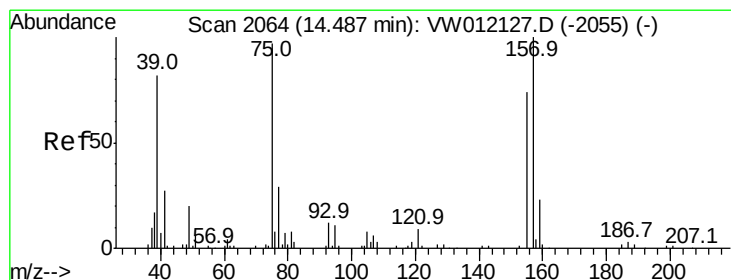
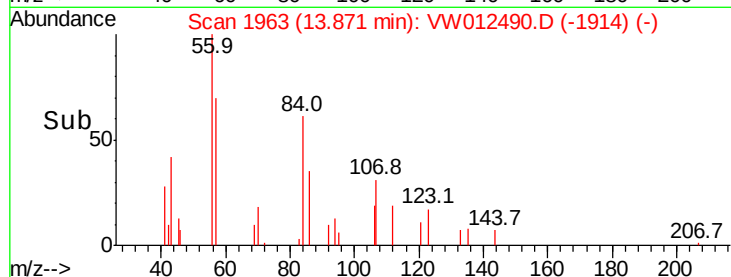
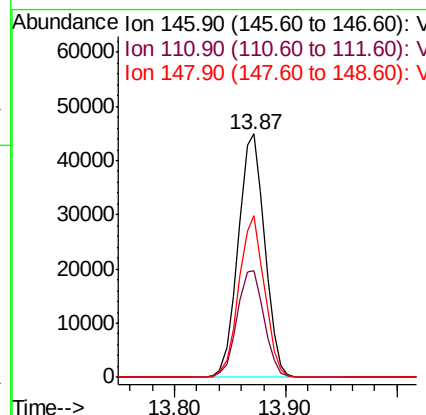
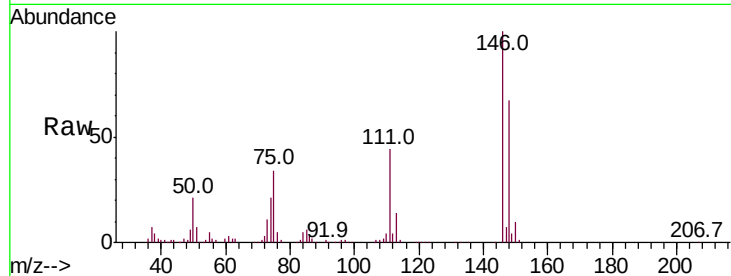
#91
 1,2-Dichlorobenzene
 Concen: 20.867 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.2	63.6
148	64.1	32.5	97.4

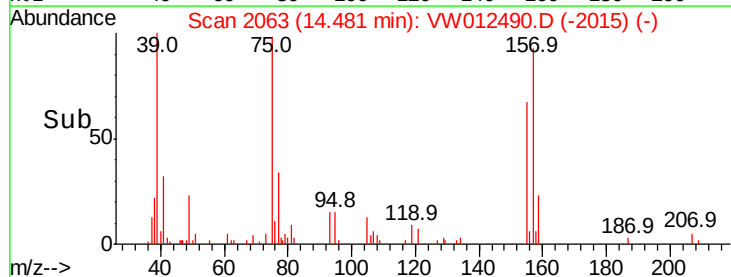
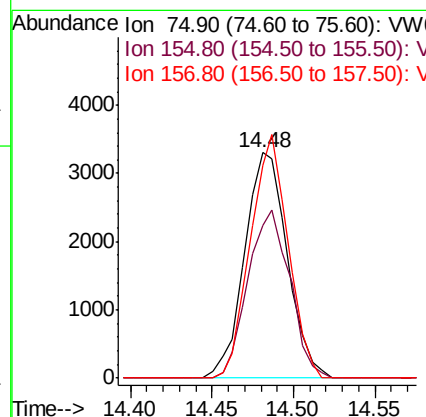
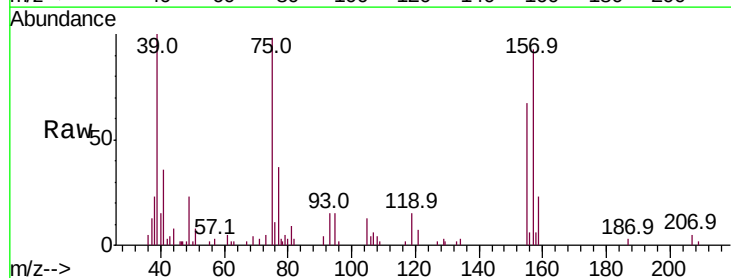
Manual Integrations
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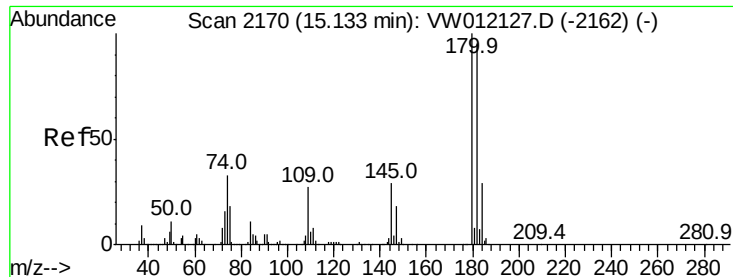
MMDadoda
 9/3/2019 10:56:12 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.312 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.2	37.5	112.3
157	95.3	50.5	151.5





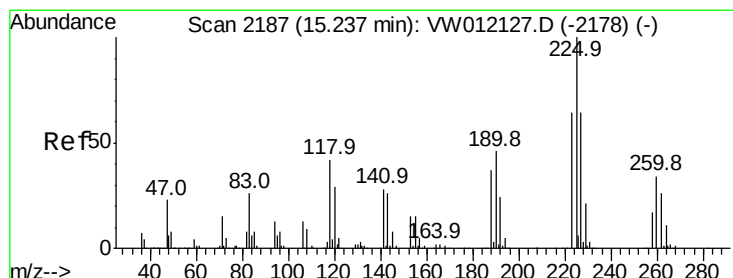
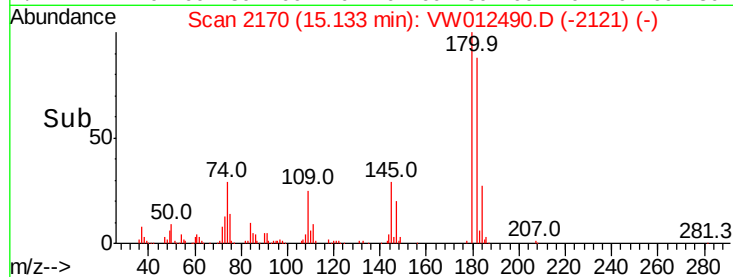
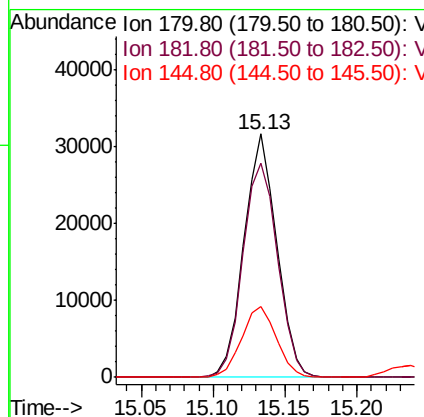
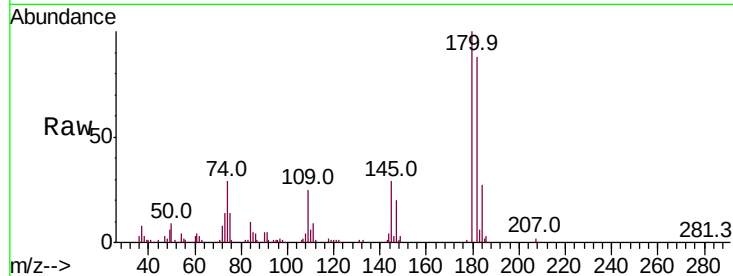
#93
 1,2,4-Trichlorobenzene
 Concen: 20.313 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.6	47.8	143.4	
145	31.0	15.0	45.1	

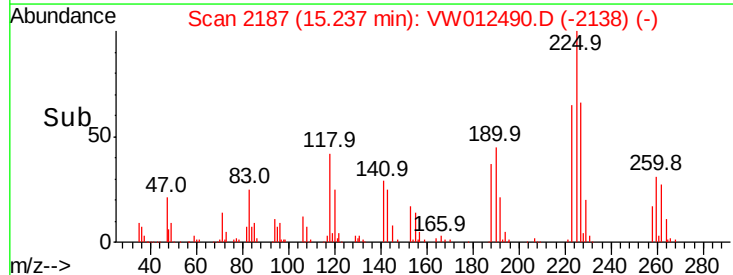
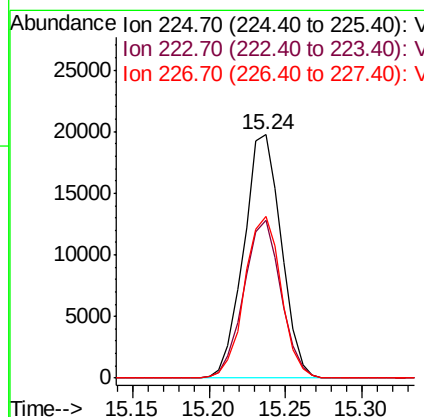
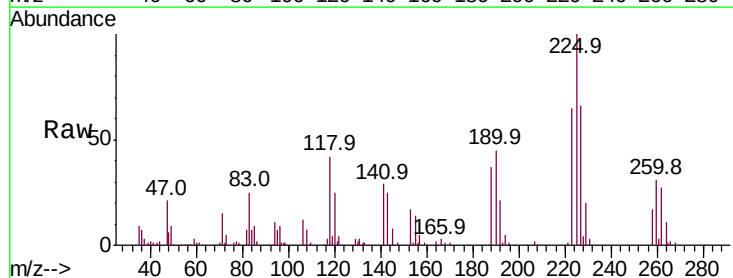
Manual Integrations
 APPROVED

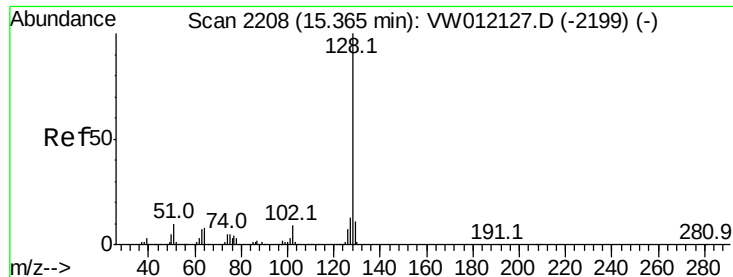
MMDadoda
 9/3/2019 10:56:12 AM



#94
 Hexachlorobutadiene
 Concen: 20.785 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012490.D
 Acq: 02 Sep 2019 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.5	32.3	96.8	
227	64.8	32.9	98.6	





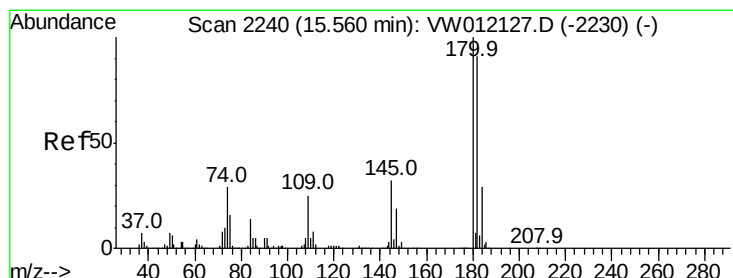
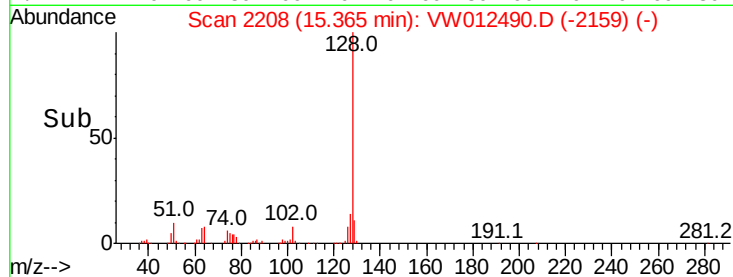
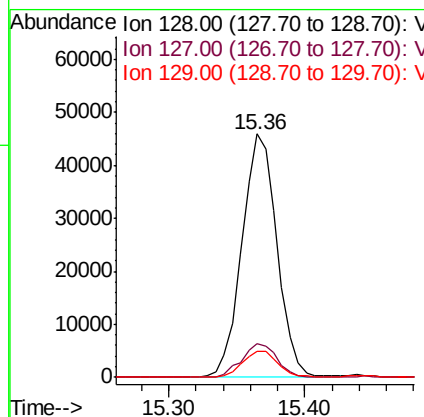
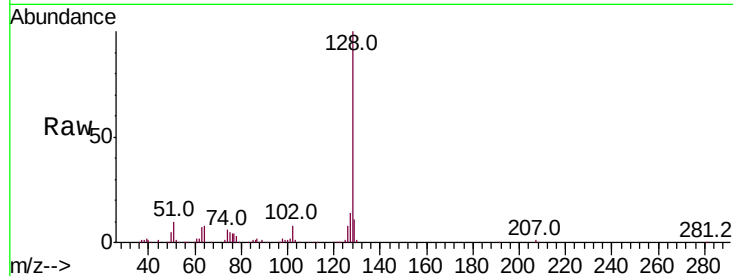
#95
Naphthalene
Concen: 19.985 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS01

Tot Ion:128	Resp:	82560
Ion Ratio	Lower	Upper
128 100		
127 14.1	10.7	16.1
129 11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/3/2019 10:56:12 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.558 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012490.D
Acq: 02 Sep 2019 11:24

Tgt Ion:180	Resp:	41872
Ion Ratio	Lower	Upper
180 100		
182 98.2	47.1	141.3
145 33.4	16.2	48.5

