

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072419\
 Data File : VW011444.D
 Acq On : 23 Jul 2019 21:21
 Operator : SY/VA
 Sample : VW0724SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 3:10:48 PM

Quant Time: Jul 24 06:56:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	219228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	155132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	113714	41.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.56%	
35) Dibromofluoromethane	7.88	113	92638	42.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.00%	
50) Toluene-d8	10.32	98	371222	42.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.26%	
62) 4-Bromofluorobenzene	12.62	95	134284	41.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27939	17.088	ug/l	99
3) Chloromethane	2.21	50	44507	21.125	ug/l	99
4) Vinyl Chloride	2.36	62	52048	18.875	ug/l	97
5) Bromomethane	2.76	94	25811	18.628	ug/l	94
6) Chloroethane	2.91	64	27601	18.583	ug/l	97
7) Trichlorofluoromethane	3.25	101	19858	20.271	ug/l	99
8) Diethyl Ether	3.67	74	26870	19.824	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45015	19.184	ug/l	99
10) Methyl Iodide	4.27	142	60849	18.855	ug/l	99
11) Tert butyl alcohol	5.18	59	23569	115.564	ug/l #	82
12) 1,1-Dichloroethene	4.04	96	45600	18.724	ug/l	92
13) Acrolein	3.89	56	11412	70.270	ug/l	98
14) Allyl chloride	4.67	41	93836	21.129	ug/l	98
15) Acrylonitrile	5.37	53	64982	94.135	ug/l	98
16) Acetone	4.12	43	59147	89.237	ug/l	99
17) Carbon Disulfide	4.38	76	130319	17.650	ug/l	100
18) Methyl Acetate	4.67	43	45836	23.571	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	74638	20.198	ug/l	97
20) Methylene Chloride	4.91	84	53856	20.597	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	50286	19.871	ug/l	95
22) Diisopropyl ether	6.31	45	197074	20.632	ug/l	99
23) Vinyl Acetate	6.25	43	529912	89.642	ug/l	100
24) 1,1-Dichloroethane	6.21	63	102764	20.488	ug/l	99
25) 2-Butanone	7.17	43	96898	93.132	ug/l	96
26) 2,2-Dichloropropane	7.16	77	57471	22.042	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	55676	20.396	ug/l	97
28) Bromochloromethane	7.51	49	45218	19.826	ug/l	99
29) Tetrahydrofuran	7.53	42	61596	90.287	ug/l	99
30) Chloroform	7.67	83	97466	20.982	ug/l	96
31) Cyclohexane	7.95	56	98572	18.473	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	72493	20.516	ug/l	97
36) 1,1-Dichloropropene	8.08	75	75394	19.360	ug/l	100
37) Ethyl Acetate	7.25	43	42983	18.370	ug/l	99
38) Carbon Tetrachloride	8.07	117	64194	19.445	ug/l	95

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Manual Integrations
 APPROVED

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 7/25/2019 3:10:48 PM

Quant Time: Jul 24 06:56:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86860	18.402	ug/l	99
40) Benzene	8.32	78	217975	20.254	ug/l	98
41) Methacrylonitrile	7.48	41	25375	18.962	ug/l	97
42) 1,2-Dichloroethane	8.40	62	68033	19.487	ug/l	99
43) Isopropyl Acetate	8.42	43	77912	17.637	ug/l	98
44) Trichloroethene	9.09	130	51385	19.841	ug/l	99
45) 1,2-Dichloropropane	9.37	63	58947	20.226	ug/l	96
46) Dibromomethane	9.46	93	26789	19.568	ug/l	98
47) Bromodichloromethane	9.64	83	69330	19.792	ug/l	98
48) Methyl methacrylate	9.43	41	37148	17.479	ug/l	96
49) 1,4-Dioxane	9.46	88	8243	360.718	ug/l	91
51) 4-Methyl-2-Pentanone	10.21	43	204057	88.429	ug/l	99
52) Toluene	10.39	92	131400	20.127	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	68555	18.386	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	82787	18.863	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37714	19.418	ug/l	95
56) Ethyl methacrylate	10.65	69	53432	18.070	ug/l	97
57) 1,3-Dichloropropane	10.93	76	70167	19.105	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	138618	101.119	ug/l	99
59) 2-Hexanone	10.97	43	137282	85.785	ug/l	99
60) Dibromochloromethane	11.13	129	40154	18.854	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34824	18.929	ug/l	99
64) Tetrachloroethene	10.86	164	44419	20.512	ug/l	99
65) Chlorobenzene	11.66	112	130688	20.030	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	45900	19.980	ug/l	99
67) Ethyl Benzene	11.73	91	248976	19.933	ug/l	99
68) m/p-Xylenes	11.84	106	182309	40.338	ug/l	98
69) o-Xylene	12.16	106	84120	19.748	ug/l	98
70) Styrene	12.18	104	147712	20.093	ug/l	100
71) Bromoform	12.35	173	22422	18.357	ug/l #	99
73) Isopropylbenzene	12.46	105	236209	20.369	ug/l	100
74) N-amyl acetate	12.27	43	69049	17.096	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	44689	18.799	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	36915m	20.591	ug/l	
77) Bromobenzene	12.75	156	52017	19.987	ug/l	99
78) n-propylbenzene	12.80	91	285277	19.970	ug/l	100
79) 2-Chlorotoluene	12.89	91	166123	20.208	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	200187	20.319	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12676	15.993	ug/l	99
82) 4-Chlorotoluene	12.99	91	177055	20.679	ug/l	100
83) tert-Butylbenzene	13.21	119	165981	20.201	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	200317	20.249	ug/l	99
85) sec-Butylbenzene	13.38	105	236468	19.945	ug/l	100
86) p-Isopropyltoluene	13.50	119	211910	19.928	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	102058	20.382	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	100927	20.017	ug/l	97
89) n-Butylbenzene	13.82	91	209167	19.718	ug/l	99
90) Hexachloroethane	14.09	117	37429	19.262	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	91240	20.085	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7182	17.033	ug/l	97

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ALS Vial : 9 Sample Multiplier: 1

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MSVOA_W
ClientSampleId :
VW0724SBS01

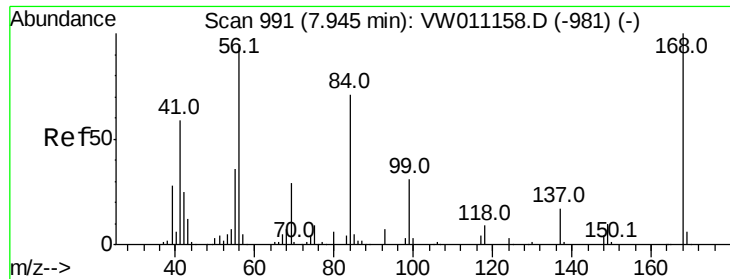
Manual Integrations
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7/25/2019 3:10:48 PM

Quant Time: Jul 24 06:56:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	59252	18.937	ug/l	99
94) Hexachlorobutadiene	15.24	225	37188	19.360	ug/l	99
95) Naphthalene	15.37	128	102423	17.083	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	51517	18.656	ug/l	99

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



#1

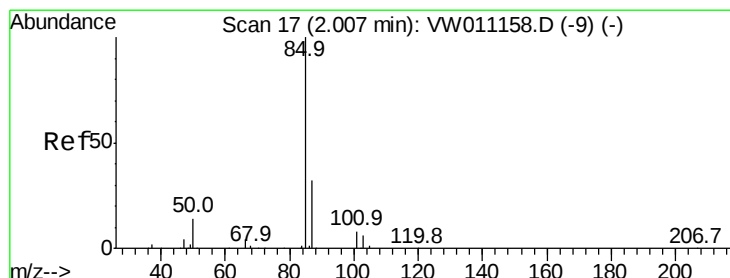
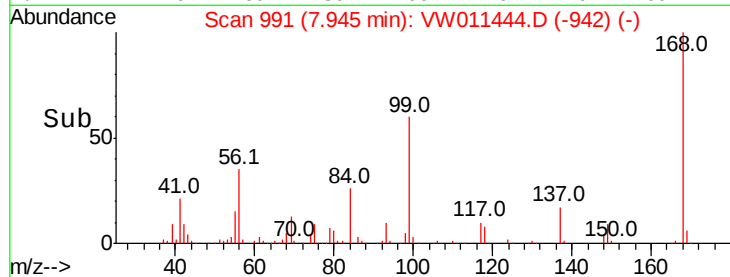
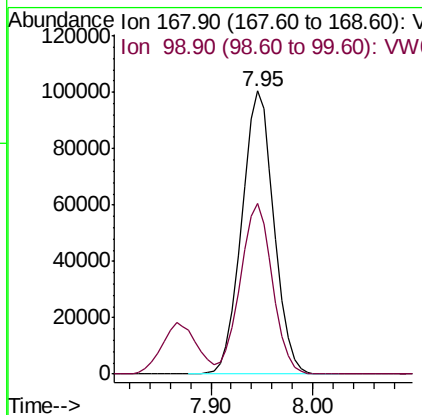
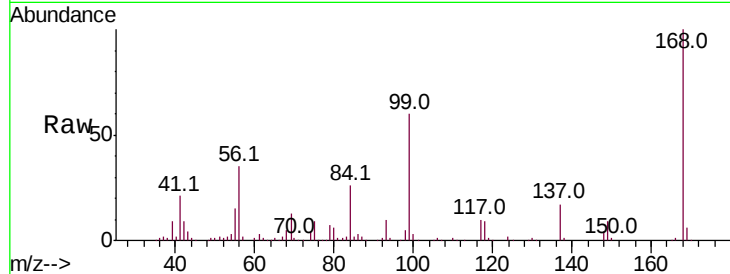
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: VW011444.D
 Acq: 23 Jul 2019 21:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	60.1	50.1	75.1

Manual Integrations
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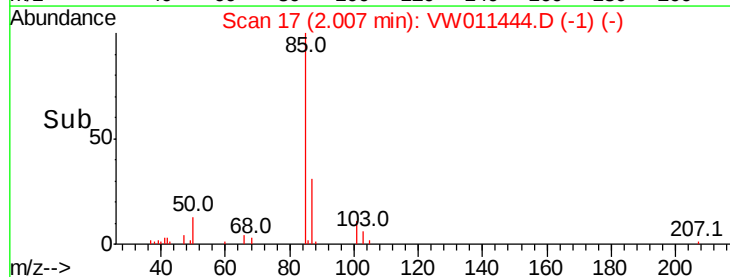
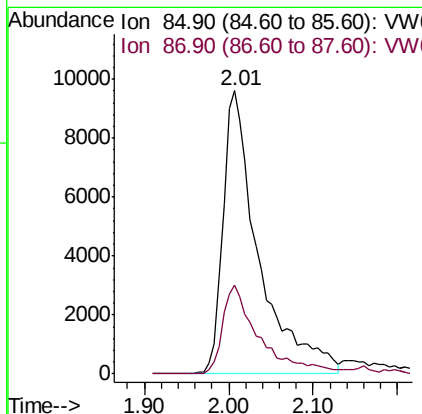
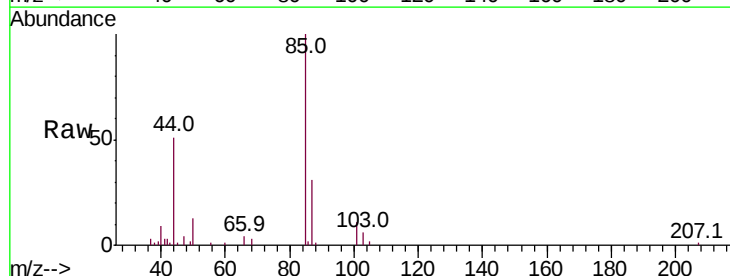
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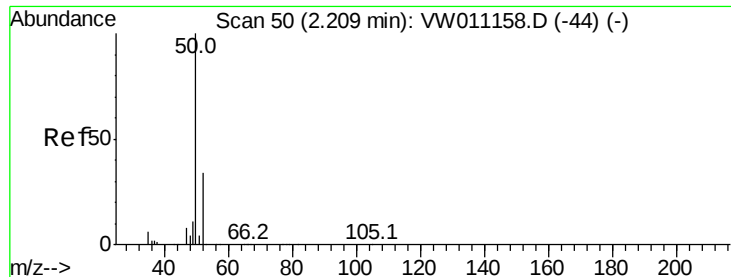


#2

Dichlorodifluoromethane
 Concen: 17.088 ug/l
 RT: 2.01 min Scan# 17
 Delta R.T. 0.00 min
 Lab File: VW011444.D
 Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.9	47.6





#3

Chloromethane

Concen: 21.125 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBS01

Tot Ion: 50 Resp: 44507

Ion Ratio Lower Upper

50 100

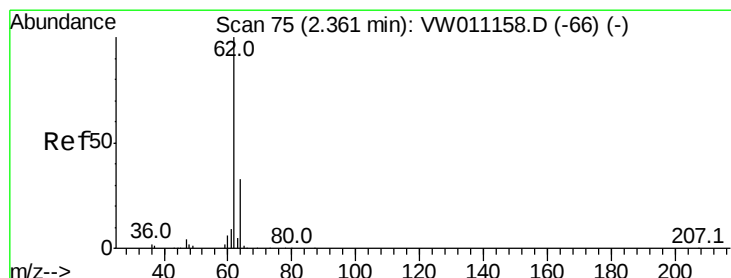
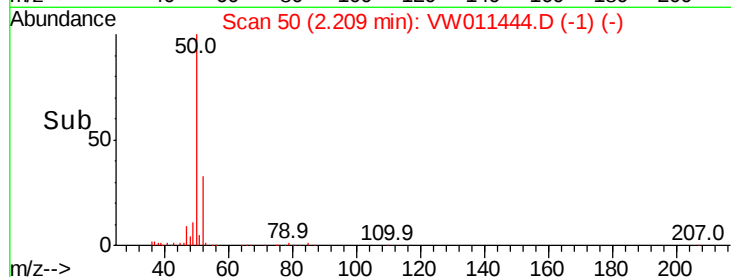
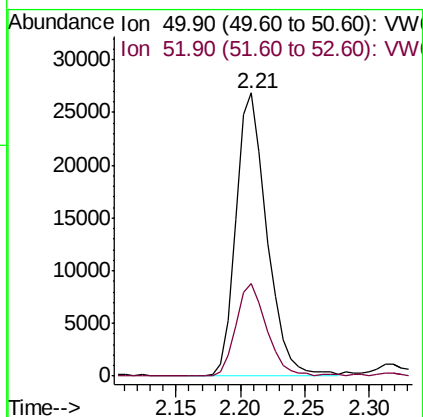
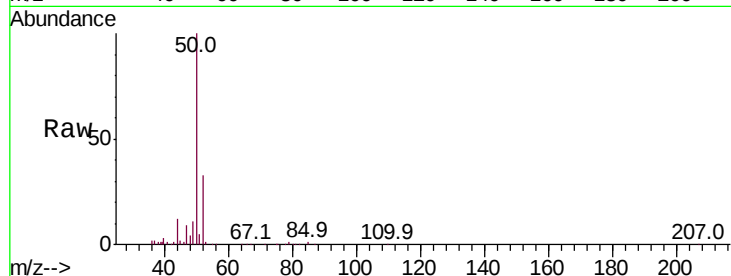
52 32.9 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.875 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW011444.D

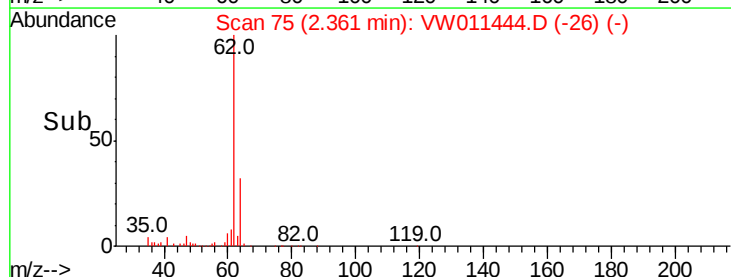
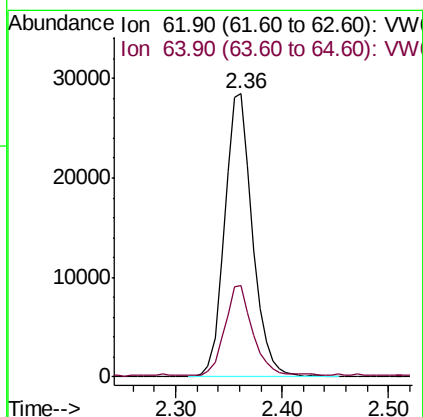
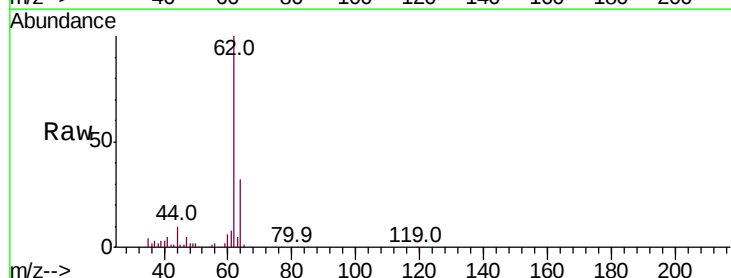
Acq: 23 Jul 2019 21:21

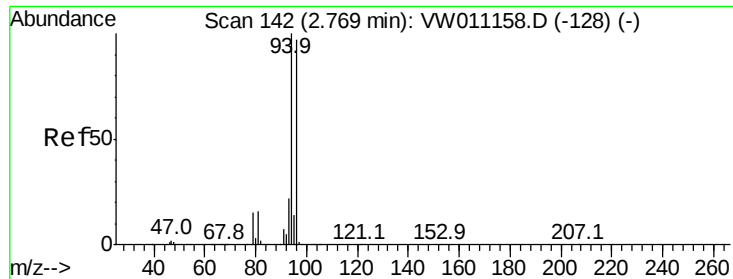
Tgt Ion: 62 Resp: 52048

Ion Ratio Lower Upper

62 100

64 31.6 26.6 40.0





#5

Bromomethane

Concen: 18.628 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBS01

Tot Ion: 94 Resp: 25811

Ion Ratio Lower Upper

94 100

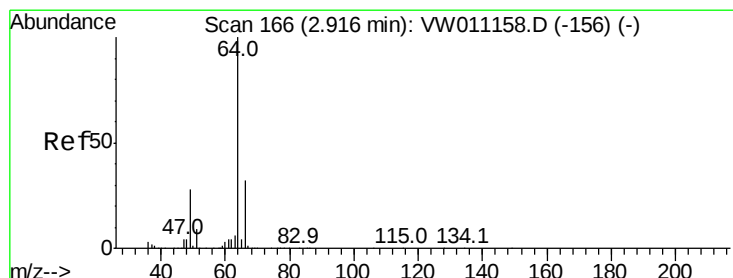
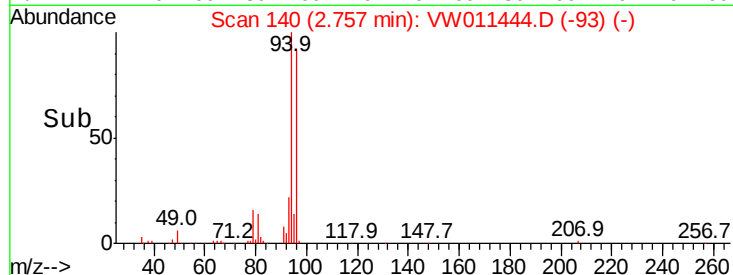
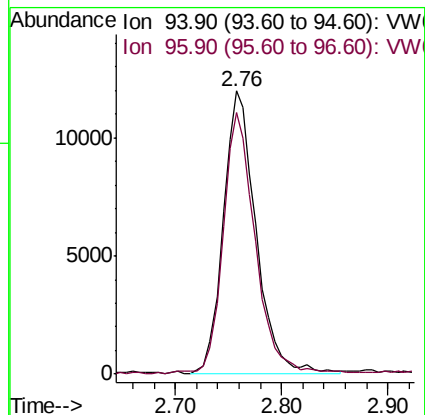
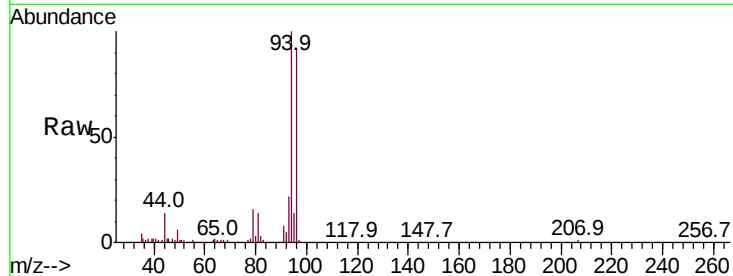
96 91.1 77.4 116.0

Manual Integrations

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#6

Chloroethane

Concen: 18.583 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011444.D

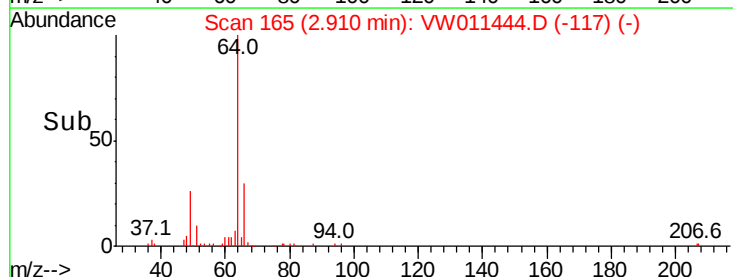
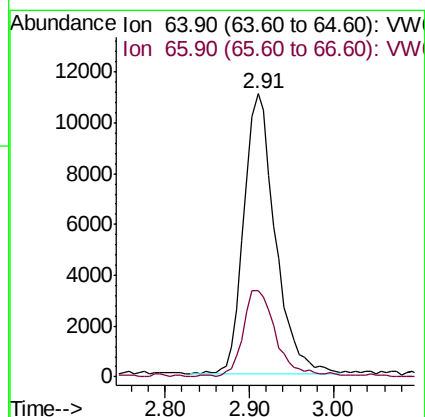
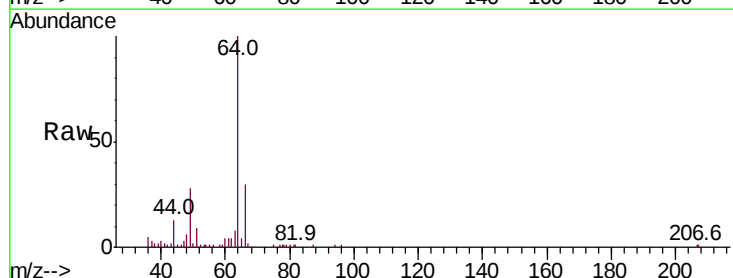
Acq: 23 Jul 2019 21:21

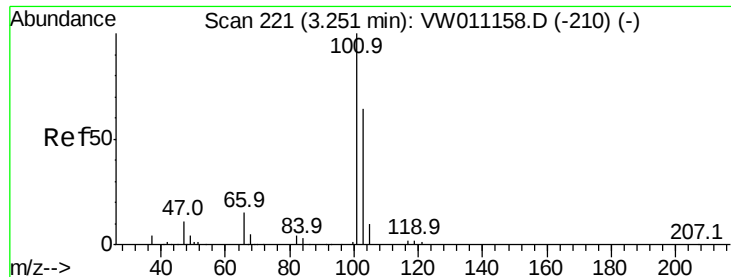
Tgt Ion: 64 Resp: 27601

Ion Ratio Lower Upper

64 100

66 30.7 25.8 38.8





#7

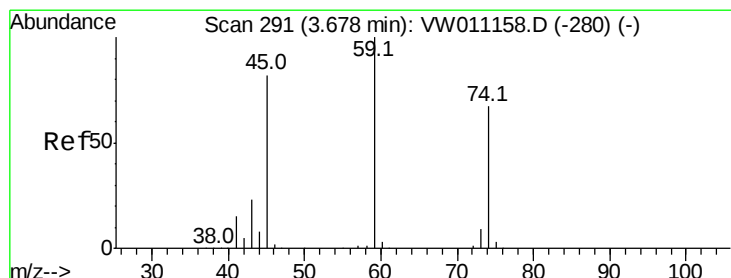
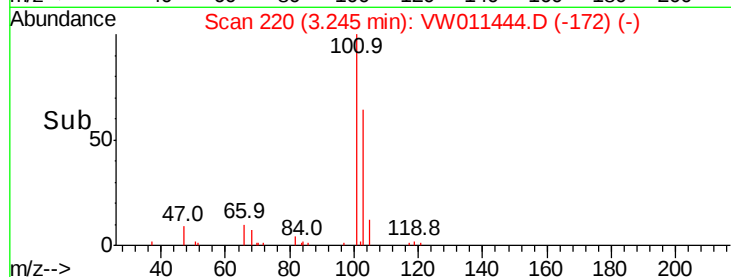
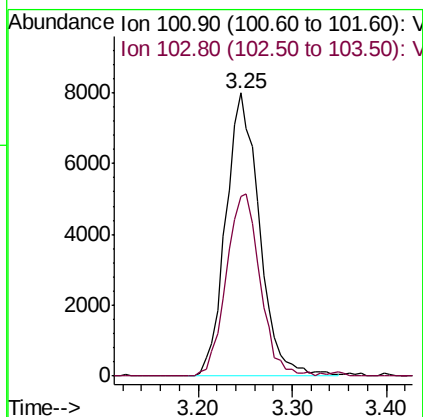
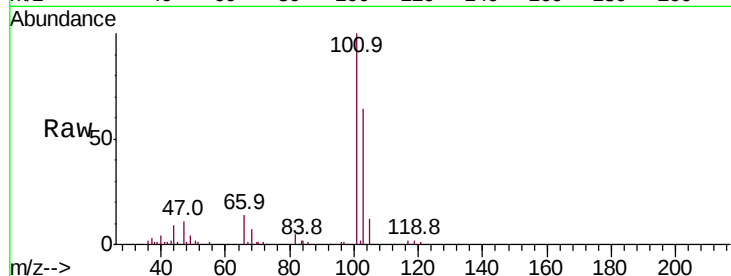
Trichlorofluoromethane
Concen: 20.271 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	19858		
103	63.5	51.3	76.9	

Manual Integrations
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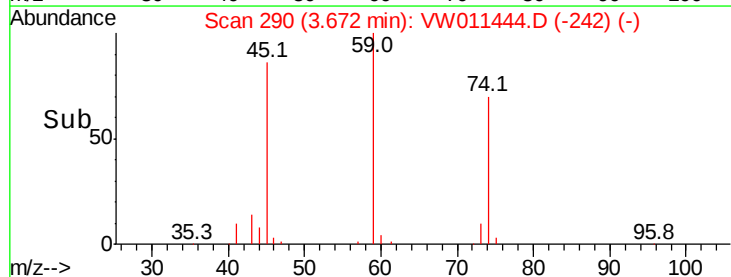
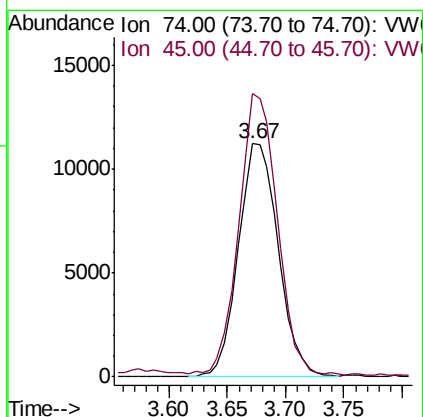
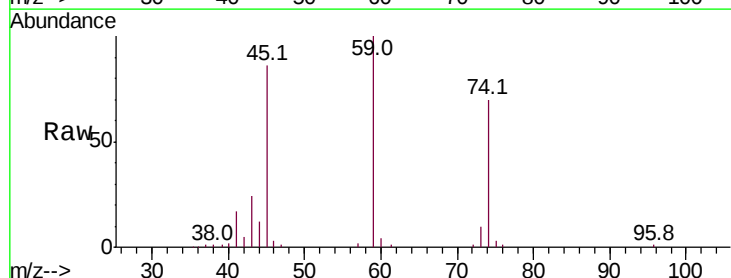
MMDadoda
7/25/2019 3:10:48 PM

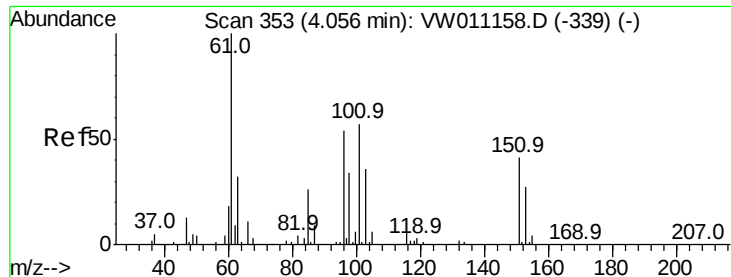


#8

Diethyl Ether
Concen: 19.824 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	26870		
45	116.6	59.9	179.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.184 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

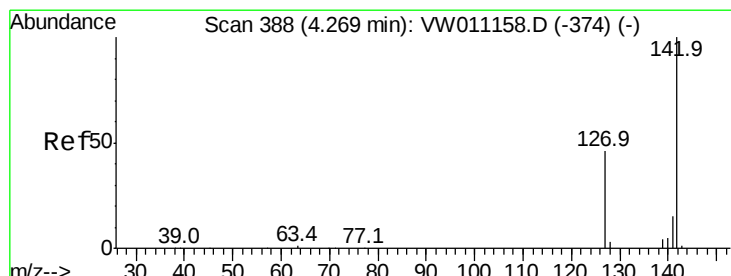
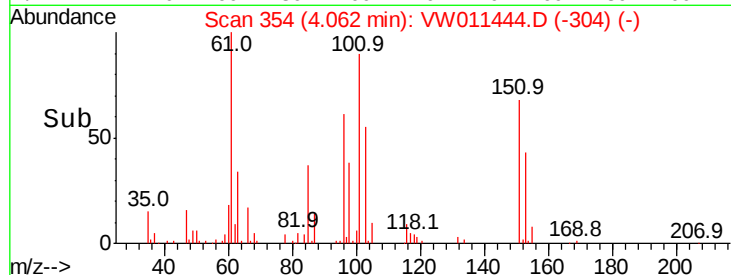
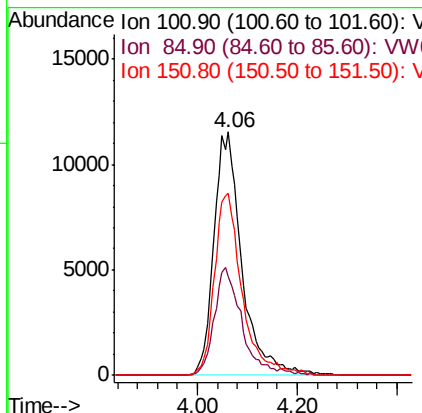
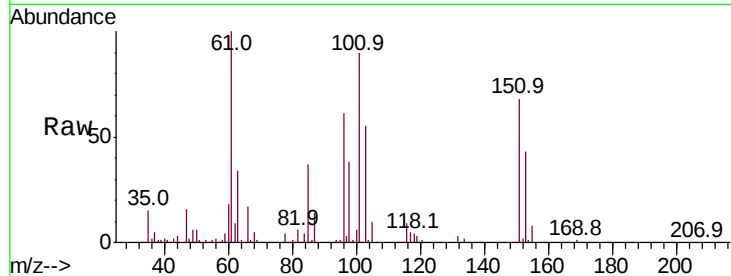
ClientSampleId :

VW0724SBS01

Tot Ion:	101	Resp:	45015
Ion Ratio	Lower	Upper	
101	100		
85	43.7	36.5	54.7
151	73.7	59.1	88.7

Manual Integrations
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#10

Methyl Iodide

Concen: 18.855 ug/l

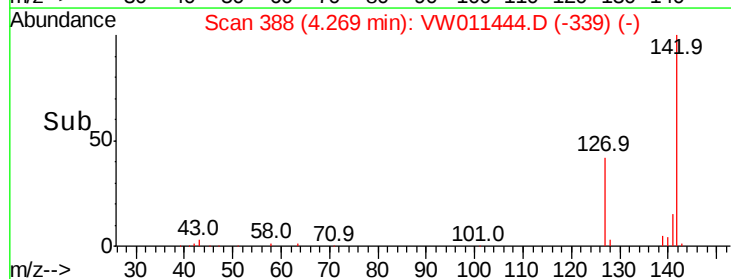
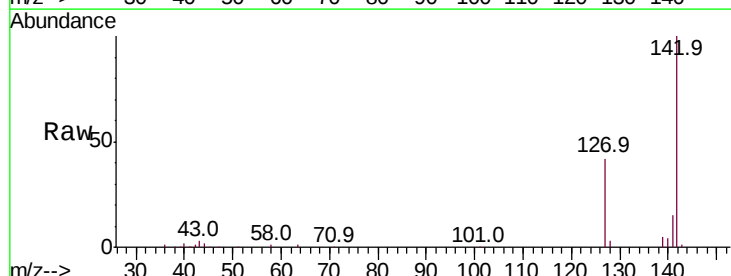
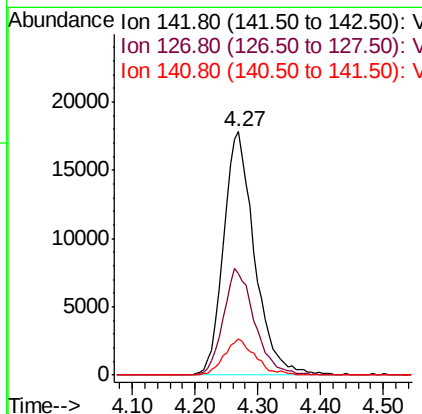
RT: 4.27 min Scan# 388

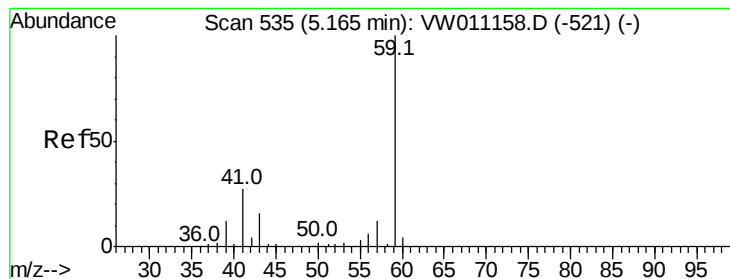
Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Tgt Ion:	142	Resp:	60849
Ion Ratio	Lower	Upper	
142	100		
127	44.1	35.7	53.5
141	14.8	11.5	17.3





#11

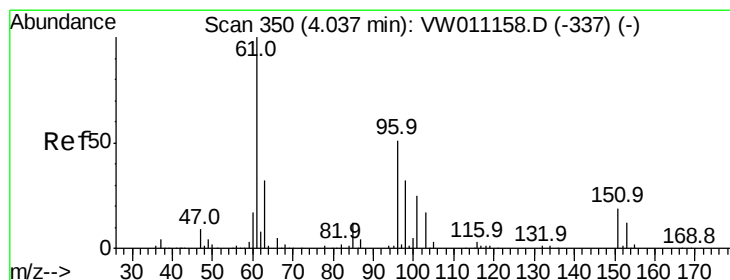
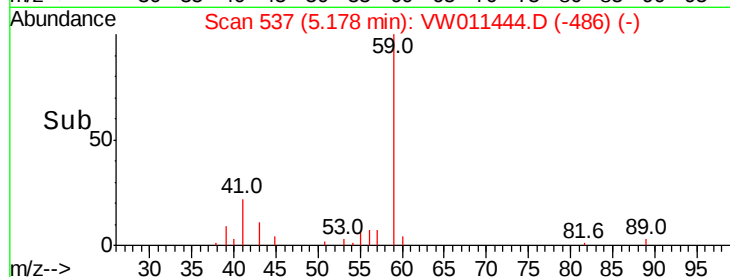
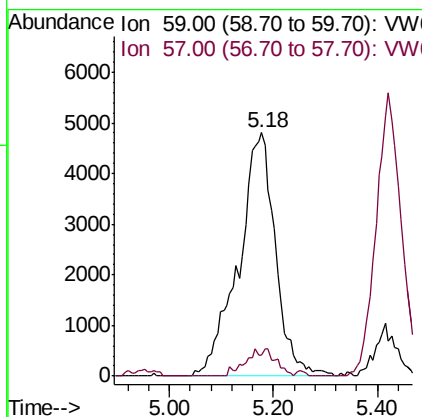
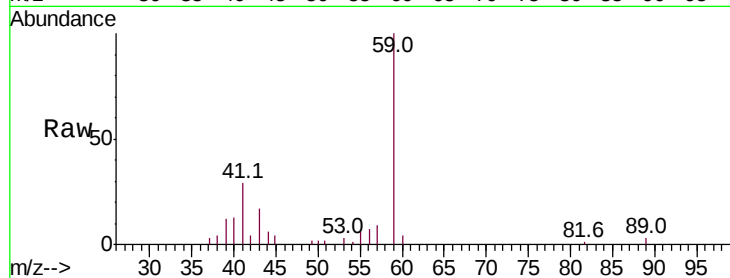
Tert butyl alcohol
 Concen: 115.564 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW011444.D
 Acq: 23 Jul 2019 21:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBS01

Tot Ion	59	Resp	23569
Ion Ratio	100	Lower	Upper
57	4.3	9.0	13.6#

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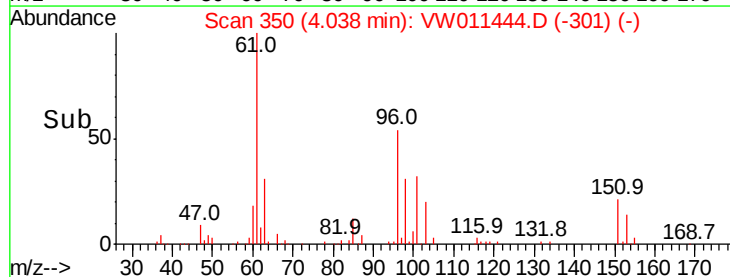
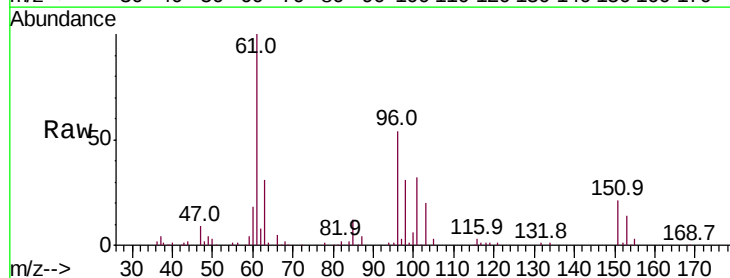
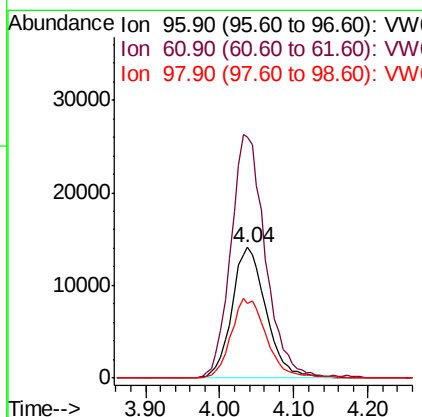
MMDadoda
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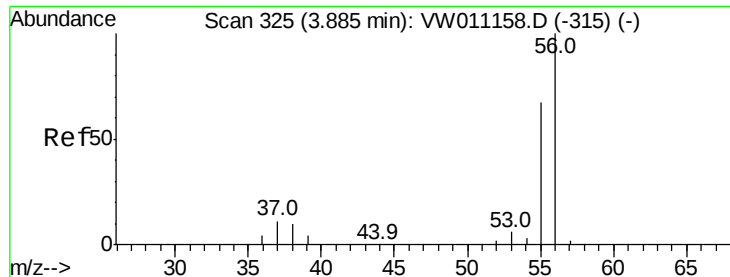


#12

1,1-Dichloroethene
 Concen: 18.724 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011444.D
 Acq: 23 Jul 2019 21:21

Tgt Ion	96	Resp	45600
Ion Ratio	100	Lower	Upper
61	184.6	157.7	236.5
98	57.6	50.9	76.3





#13

Acrolein

Concen: 70.270 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBS01

Tot Ion: 56 Resp: 11412

Ion Ratio Lower Upper

56 100

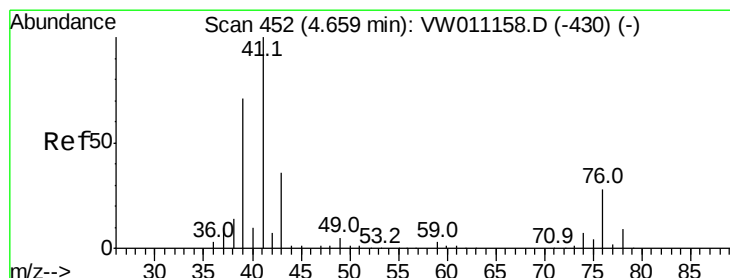
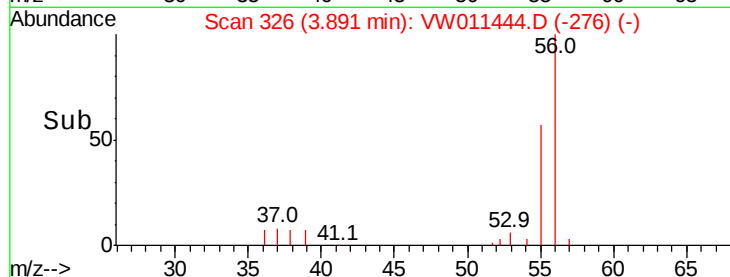
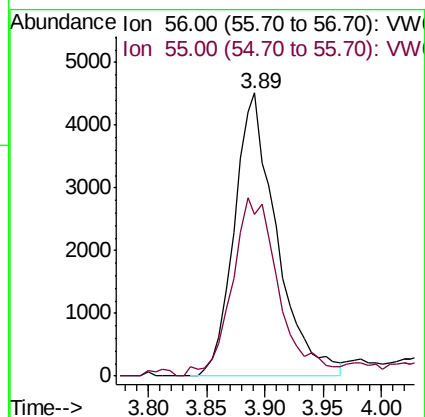
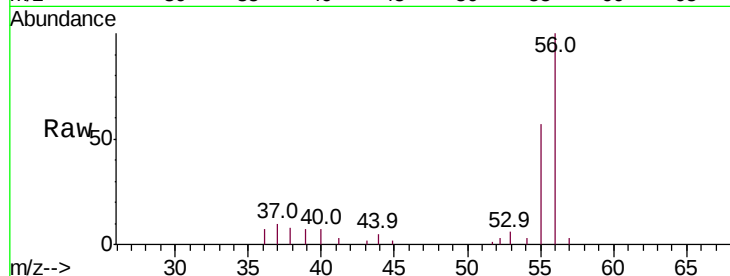
55 69.2 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 21.129 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

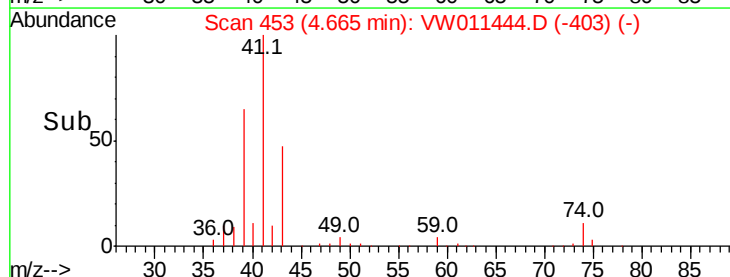
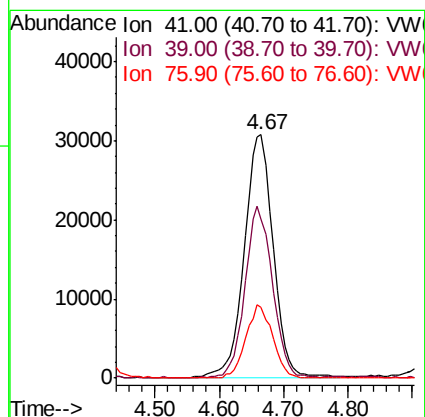
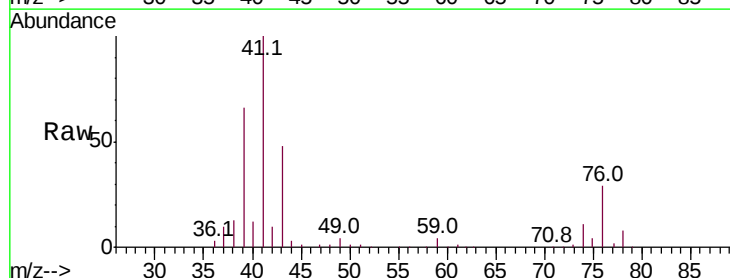
Tgt Ion: 41 Resp: 93836

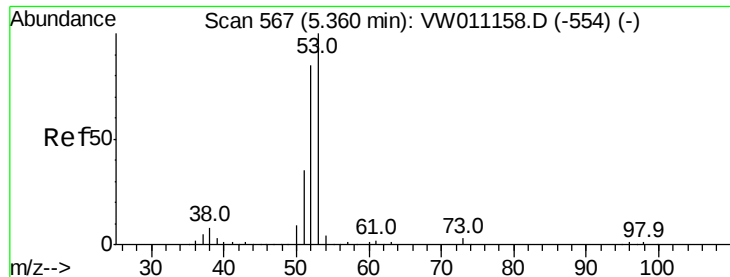
Ion Ratio Lower Upper

41 100

39 67.1 55.1 82.7

76 28.0 22.5 33.7





#15

Acrylonitrile

Concen: 94.135 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

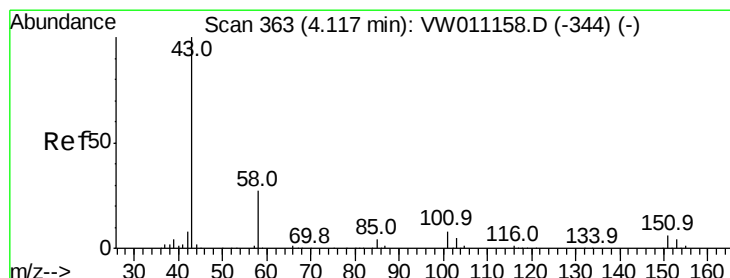
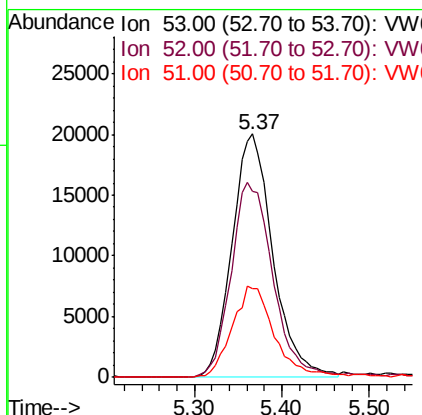
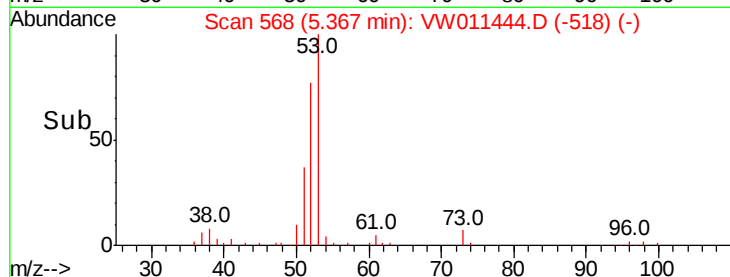
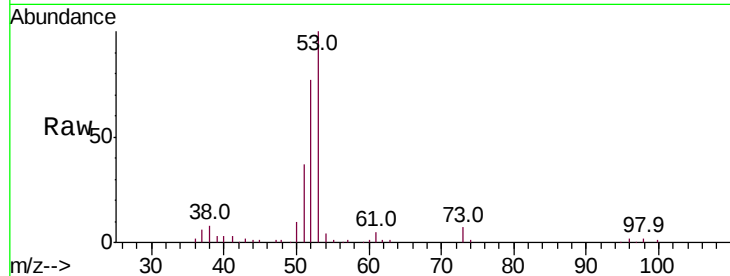
ClientSampleId :

VW0724SBS01

Tot Ion:	53	Resp:	64982
Ion Ratio	Lower	Upper	
53	100		
52	81.9	66.2	99.4
51	38.6	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 89.237 ug/l

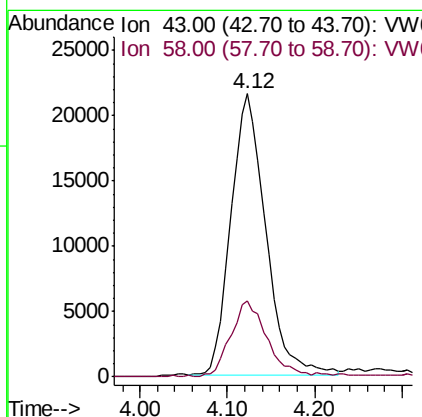
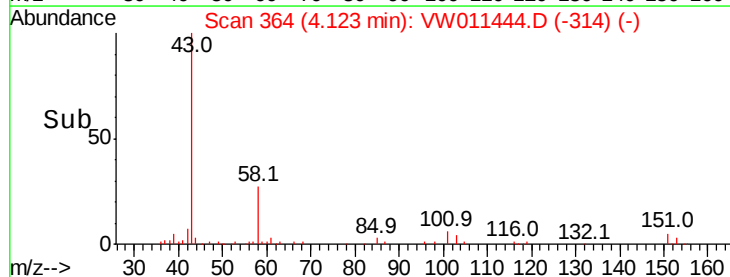
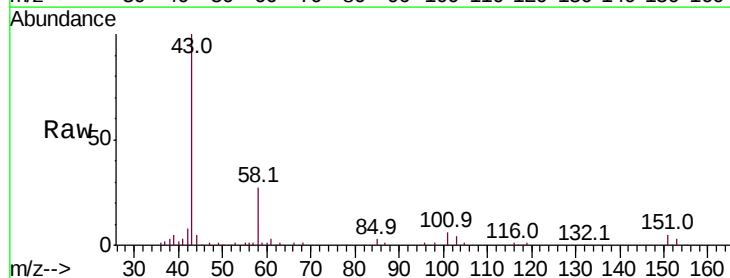
RT: 4.12 min Scan# 364

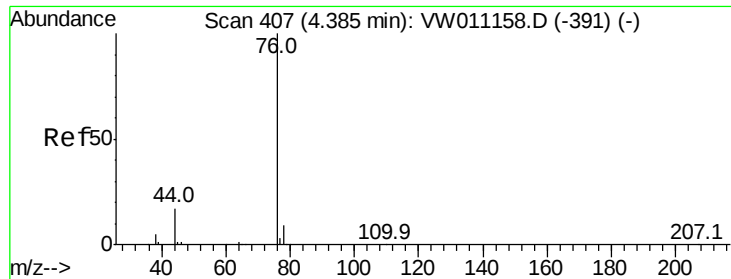
Delta R.T. 0.01 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Tgt Ion:	43	Resp:	59147
Ion Ratio	Lower	Upper	
43	100		
58	26.6	21.8	32.6





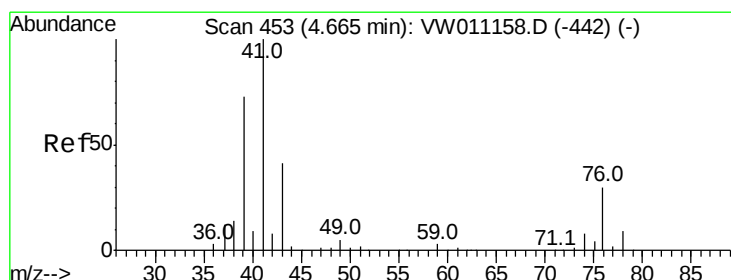
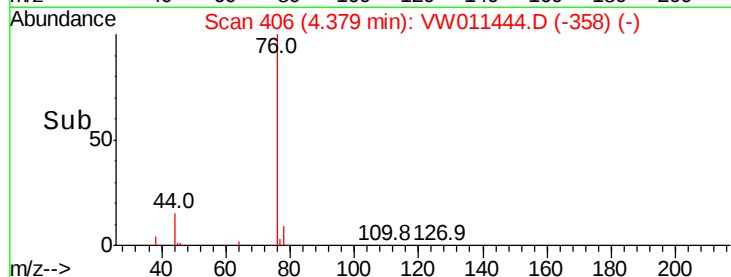
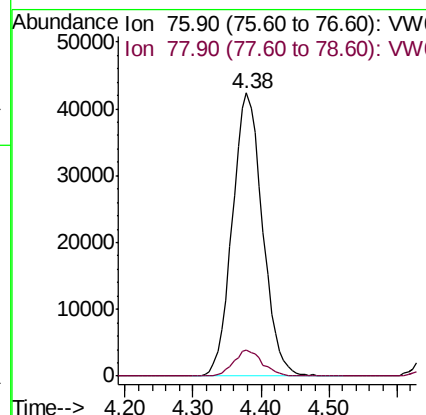
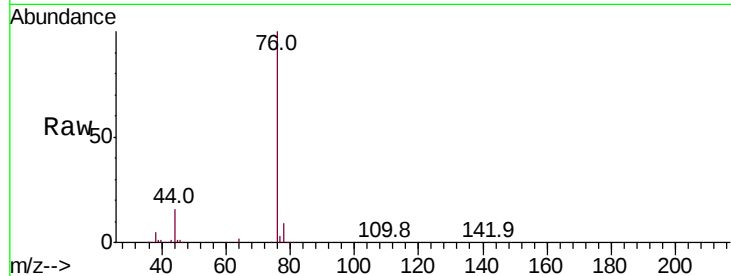
#17
Carbon Disulfide
Concen: 17.650 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

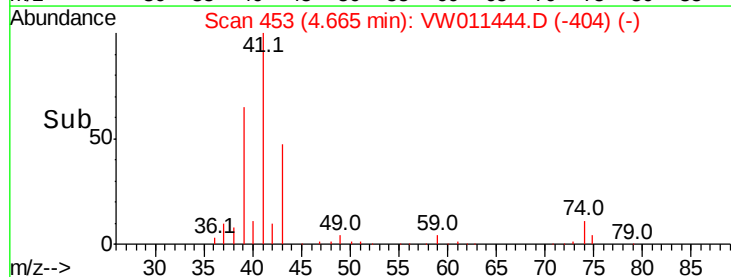
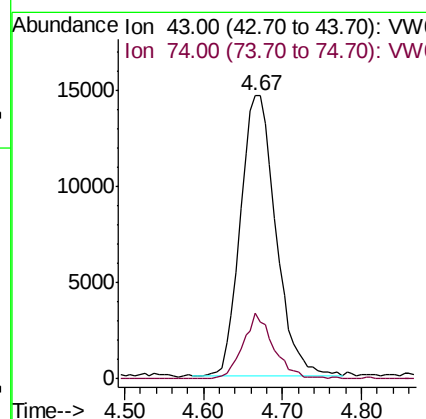
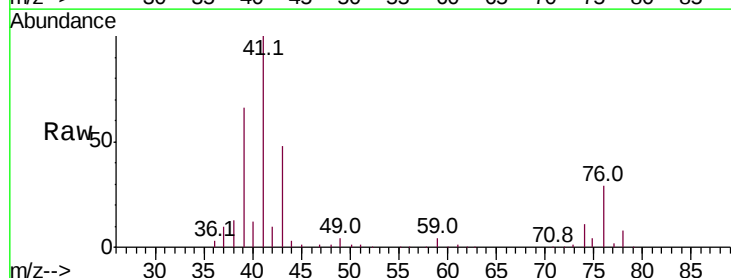
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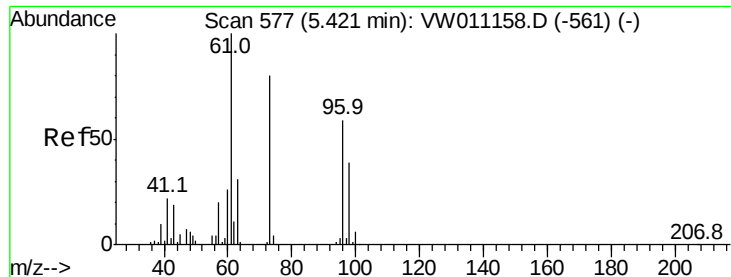
MMDadoda
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#18
Methyl Acetate
Concen: 23.571 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.0	15.7	23.5





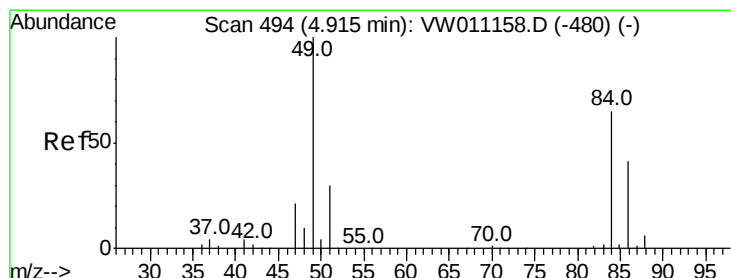
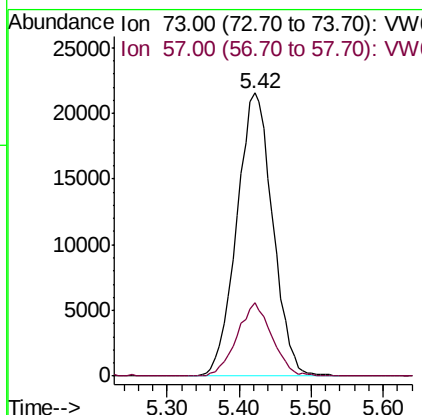
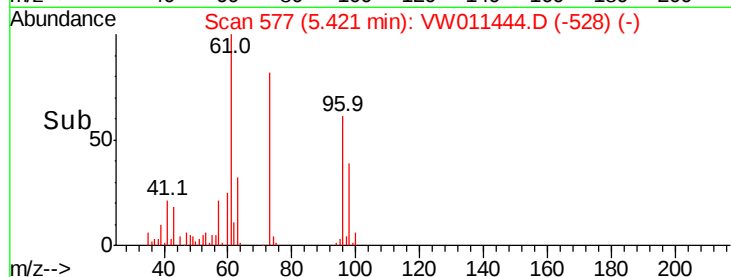
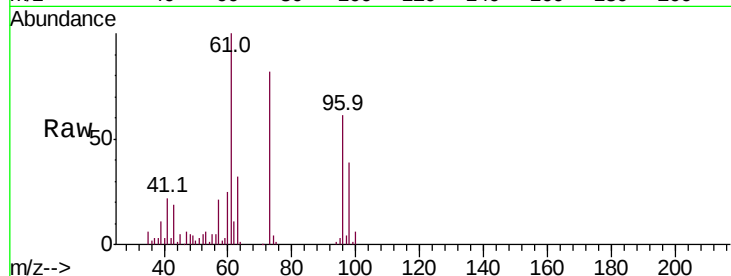
#19
Methyl tert-butyl Ether
Concen: 20.198 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

Tot Ion: 73 Resp: 74638
Ion Ratio Lower Upper
73 100
57 25.9 19.7 29.5

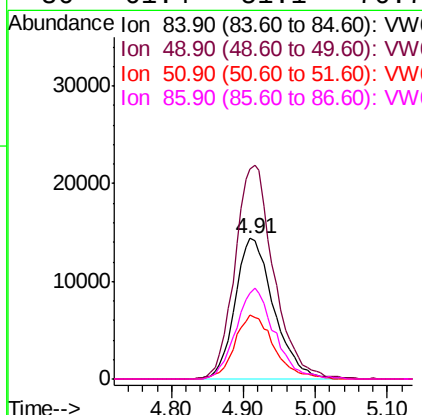
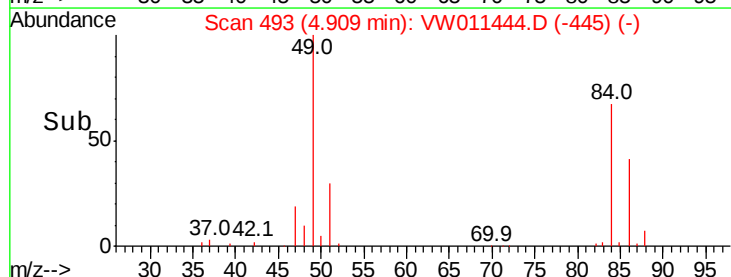
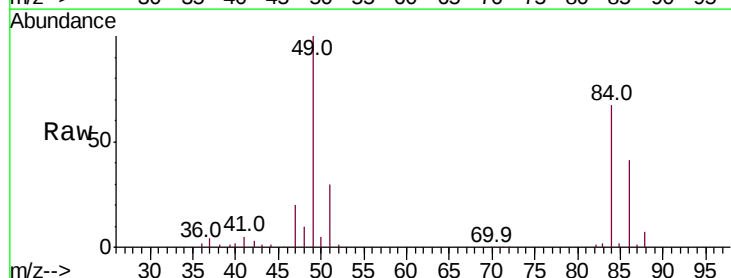
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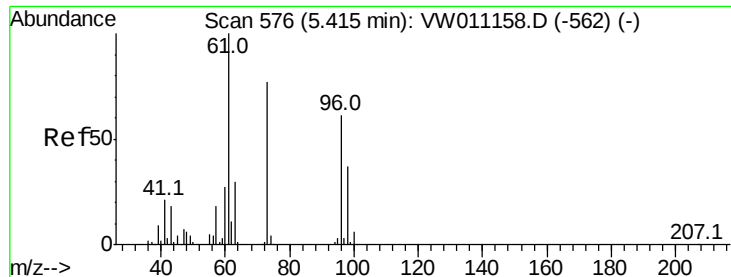
MMDadoda
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#20
Methylene Chloride
Concen: 20.597 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion: 84 Resp: 53856
Ion Ratio Lower Upper
84 100
49 149.6 123.8 185.6
51 45.2 37.4 56.2
86 61.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.871 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBS01

Tot Ion: 96 Resp: 50286

Ion Ratio Lower Upper

96 100

61 157.1 132.2 198.2

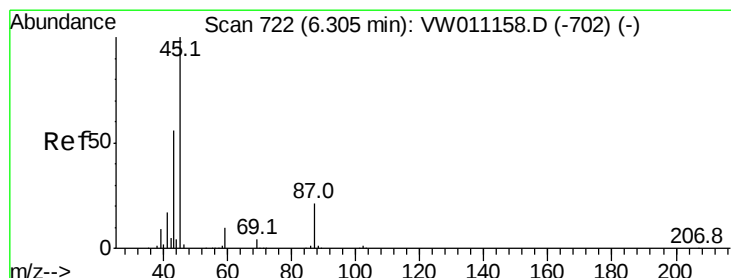
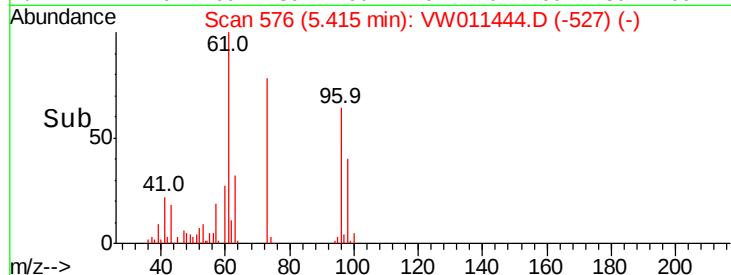
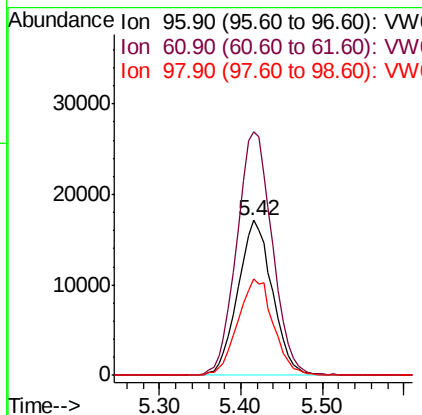
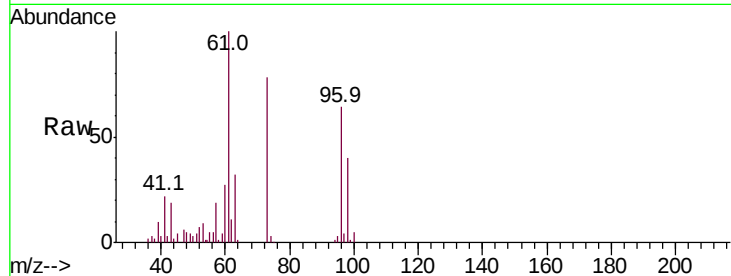
98 62.1 49.4 74.0

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#22

Diisopropyl ether

Concen: 20.632 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Tgt Ion: 45 Resp: 197074

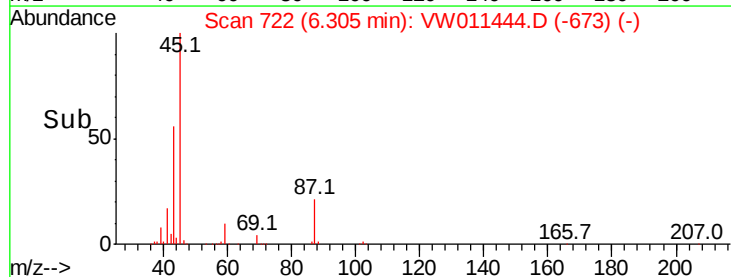
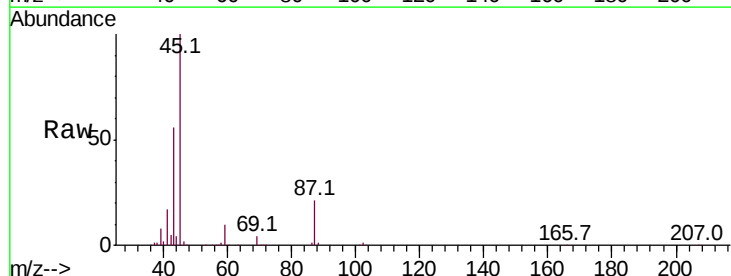
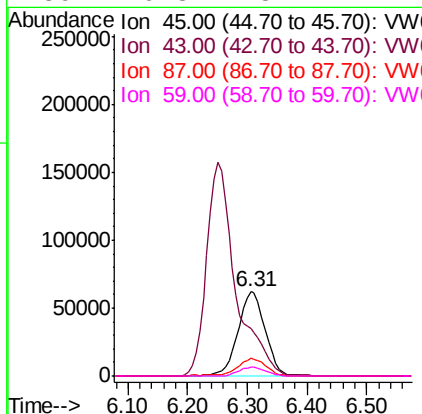
Ion Ratio Lower Upper

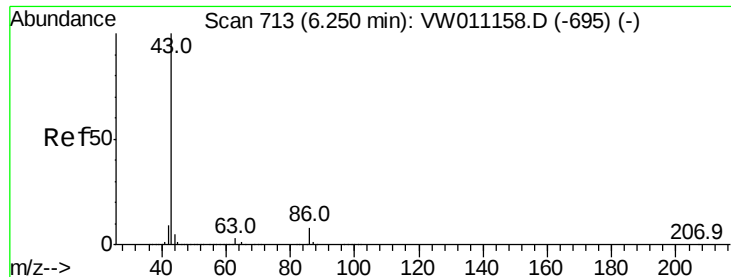
45 100

43 55.1 44.6 66.8

87 20.7 17.3 25.9

59 10.3 8.2 12.2





#23

Vinyl Acetate

Concen: 89.642 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBS01

Tot Ion: 43 Resp: 529912

Ion Ratio Lower Upper

43 100

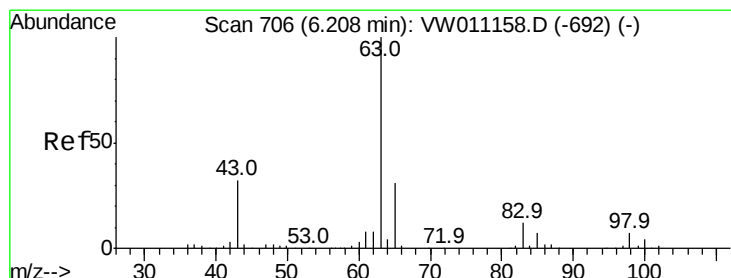
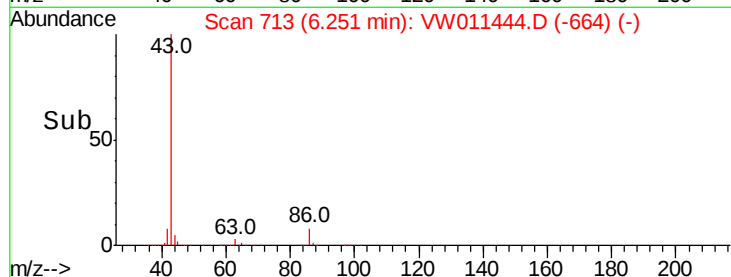
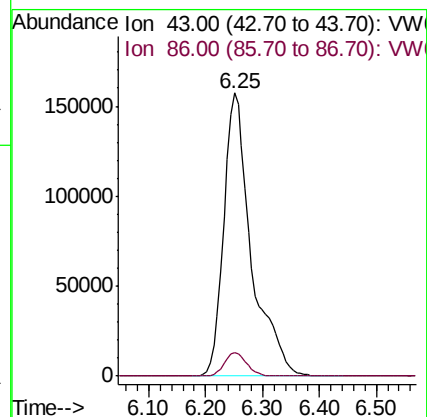
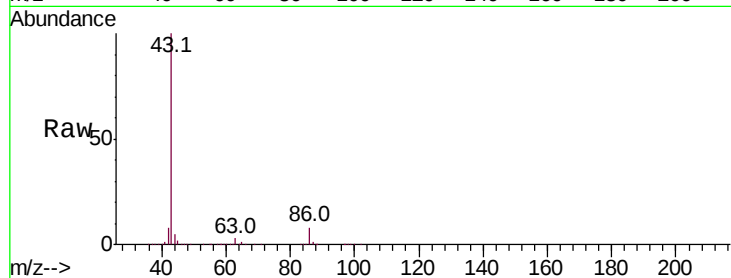
86 8.2 6.5 9.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.488 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

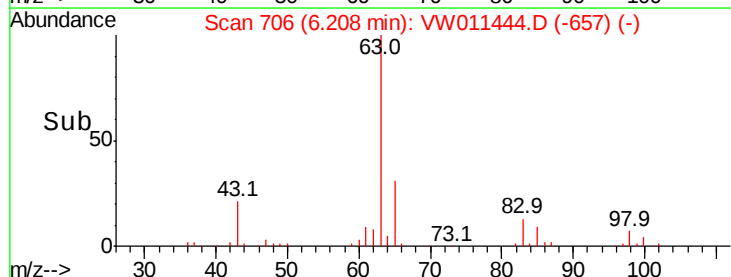
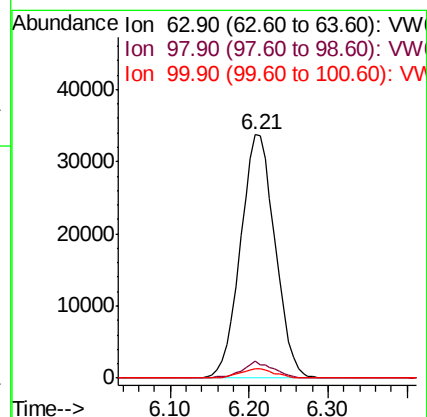
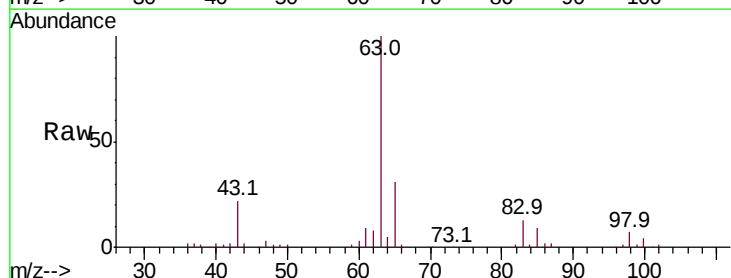
Tgt Ion: 63 Resp: 102764

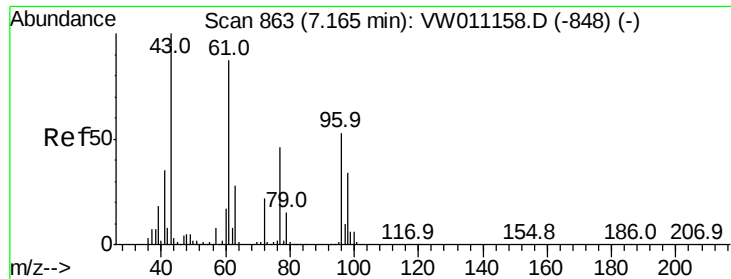
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

100 3.6 2.1 6.2





#25

2-Butanone

Concen: 93.132 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBS01

Tot Ion: 43 Resp: 96898

Ion Ratio Lower Upper

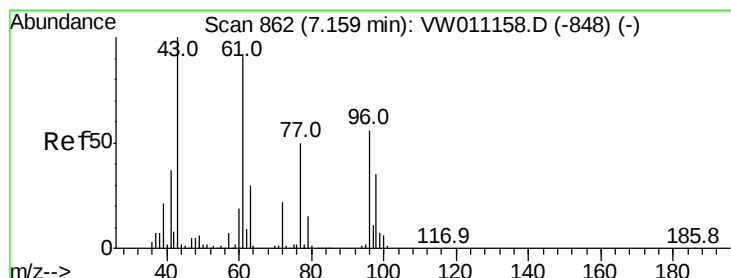
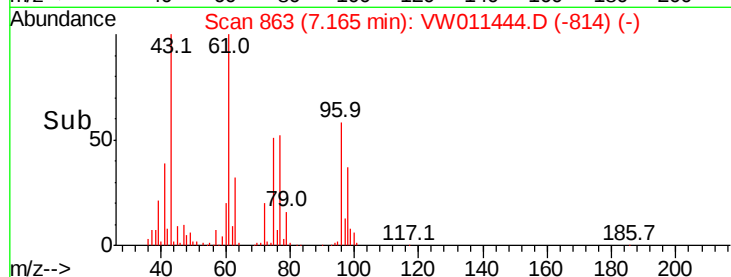
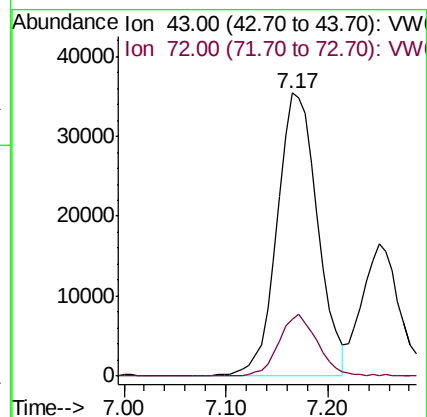
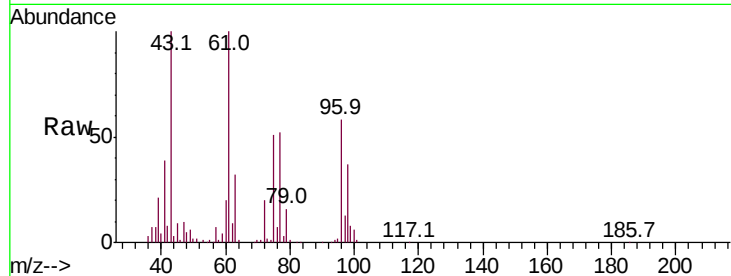
43 100

72 20.1 17.6 26.4

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#26

2,2-Dichloropropane

Concen: 22.042 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW011444.D

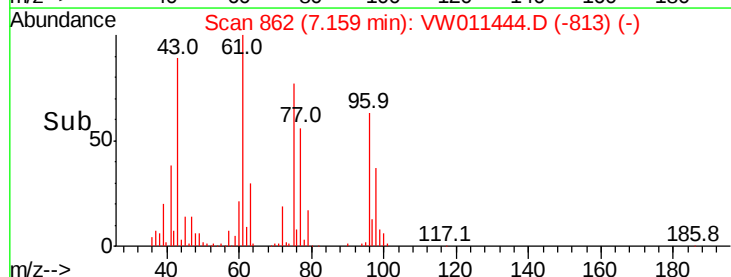
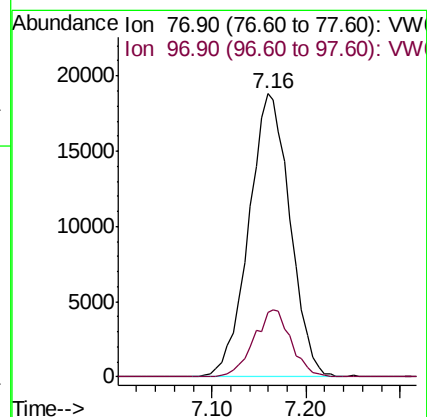
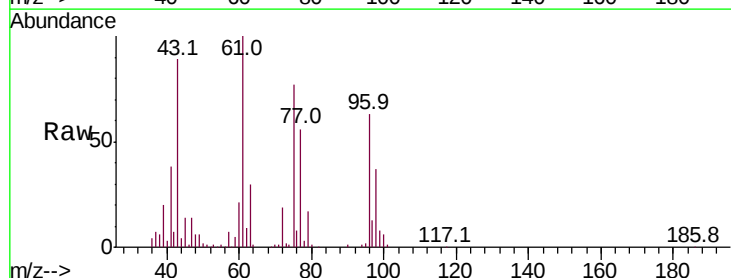
Acq: 23 Jul 2019 21:21

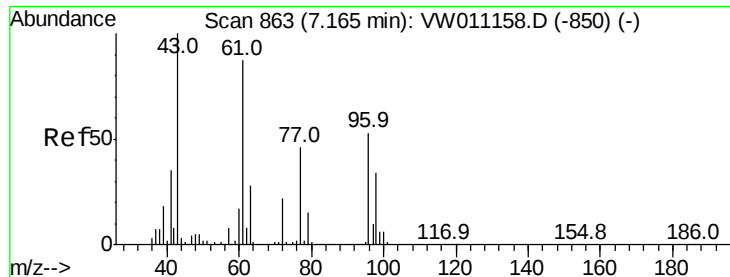
Tgt Ion: 77 Resp: 57471

Ion Ratio Lower Upper

77 100

97 21.5 11.2 33.5





#27

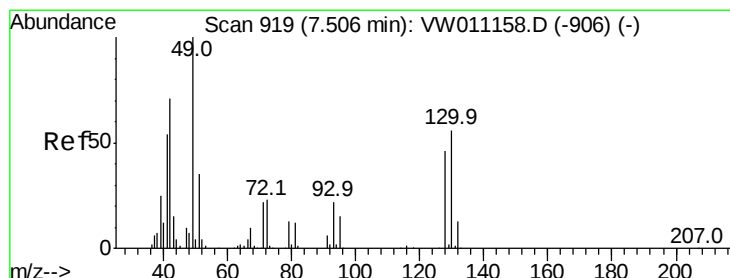
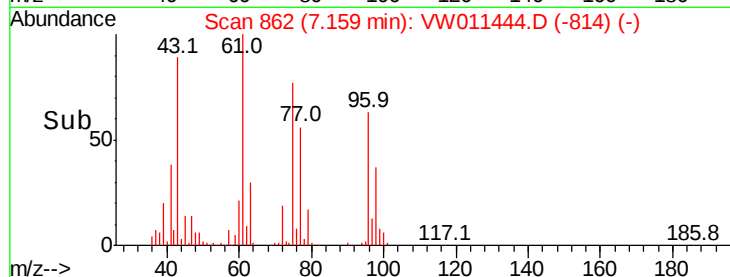
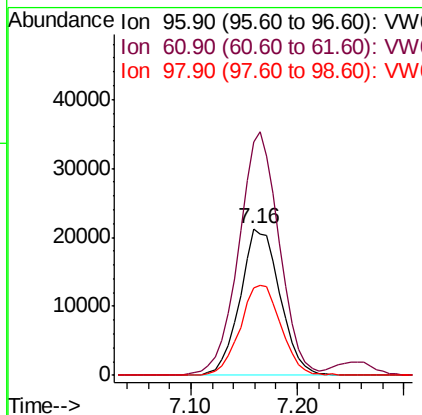
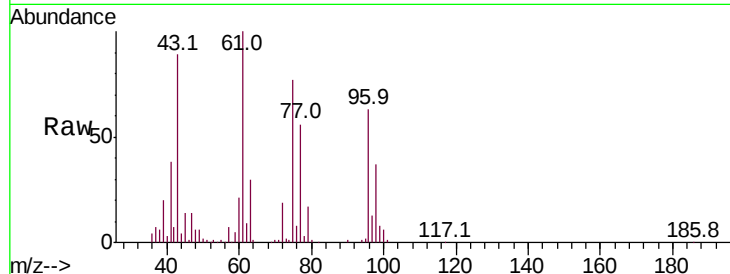
cis-1,2-Dichloroethene
Concen: 20.396 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	168.6	0.0	325.6
98	63.3	0.0	128.2

Manual Integrations
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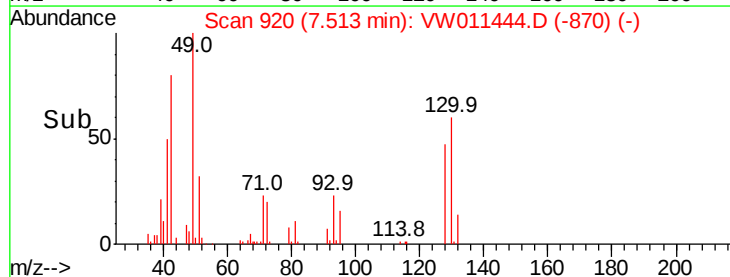
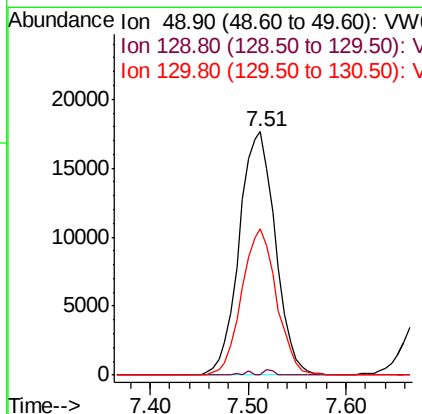
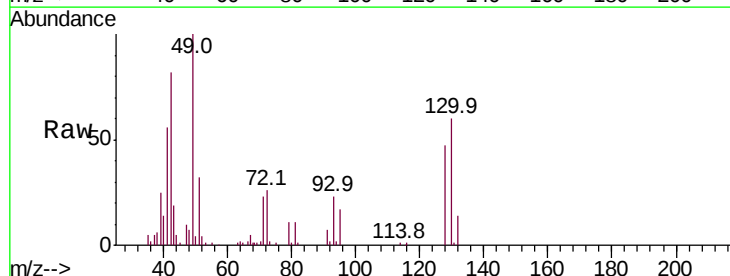
MMDadoda
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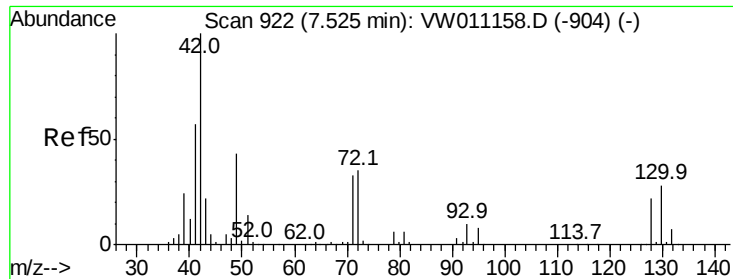


#28

Bromochloromethane
Concen: 19.826 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	1.4
130	57.7	45.8	68.8





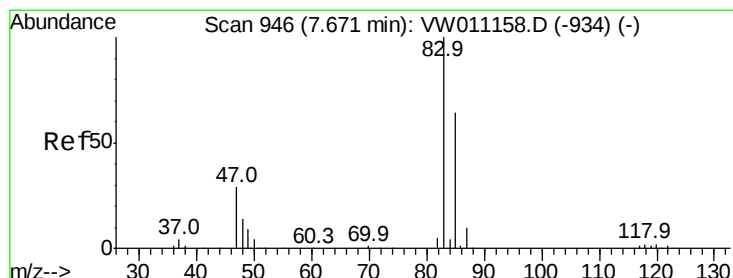
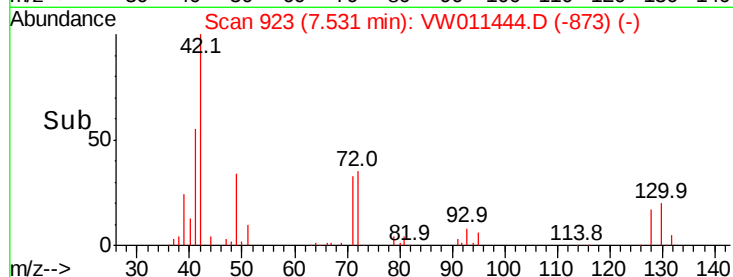
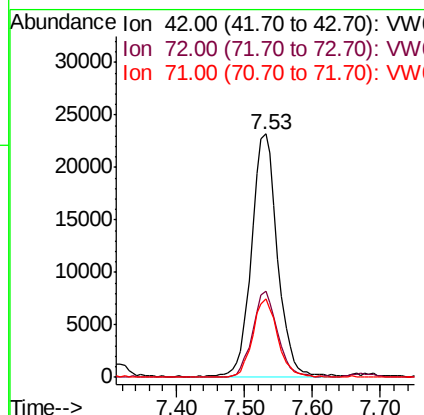
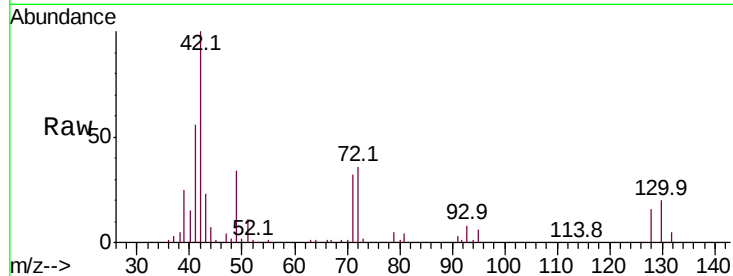
#29
Tetrahydrofuran
Concen: 90.287 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.2	27.4	41.2
71	31.2	25.9	38.9

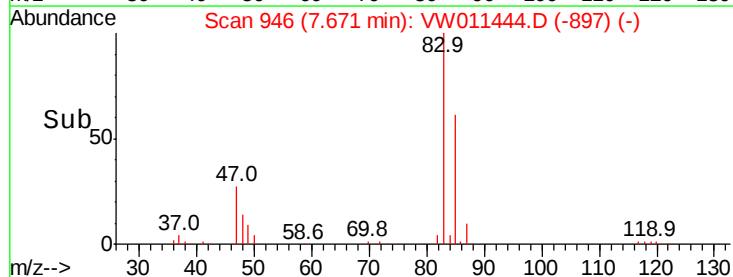
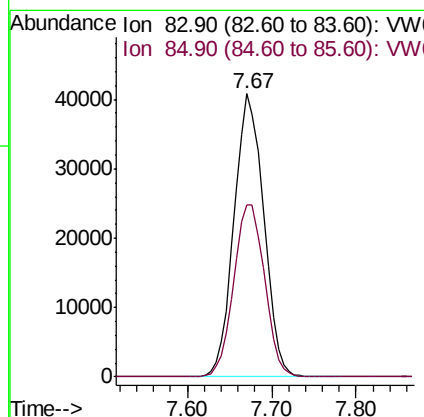
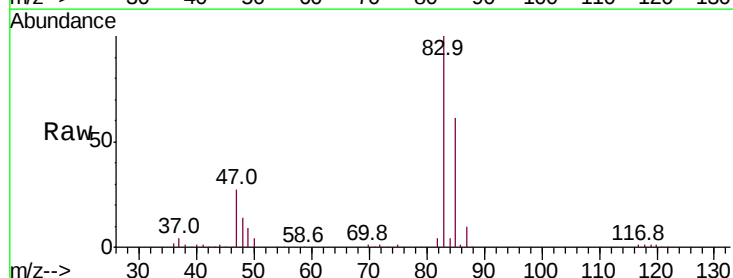
Manual Integrations
APPROVED

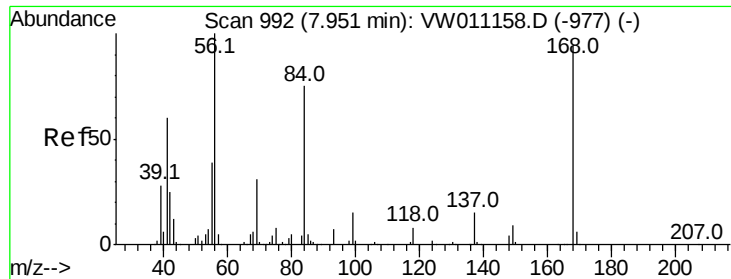
MMDadoda
7/25/2019 3:10:48 PM



#30
Chloroform
Concen: 20.982 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.9	51.4	77.2





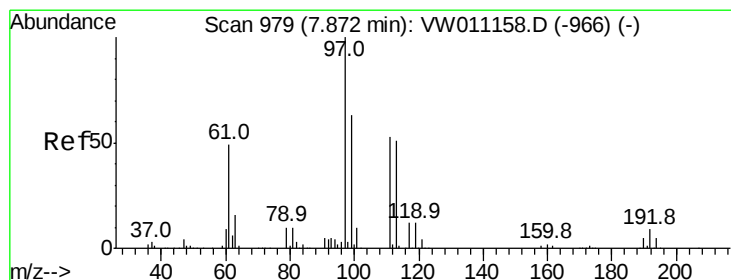
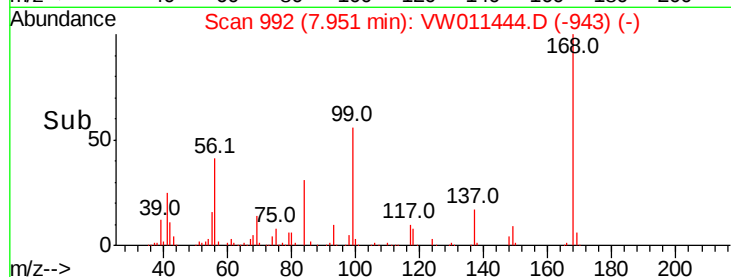
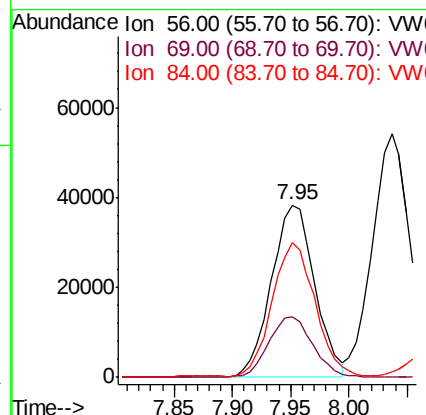
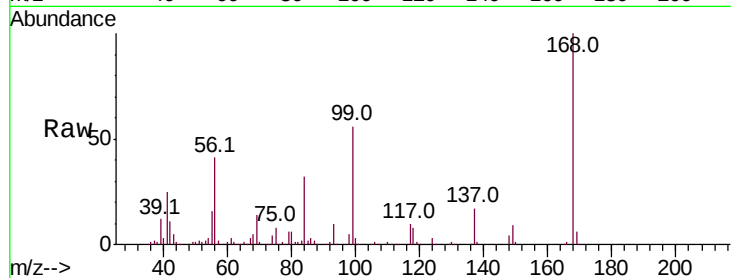
#31
Cyclohexane
Concen: 18.473 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.1	24.6	36.8
84	77.0	60.1	90.1

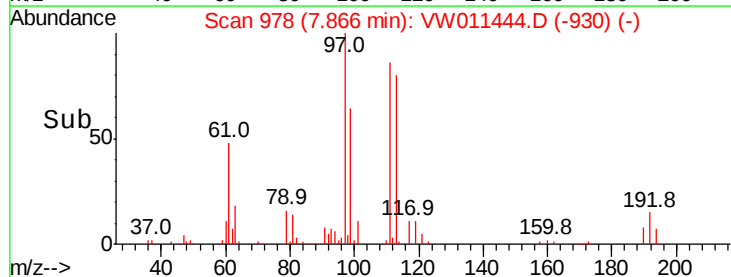
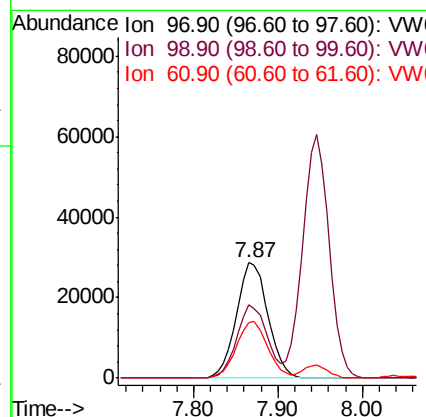
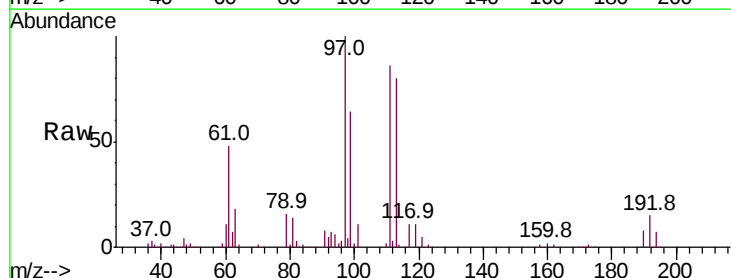
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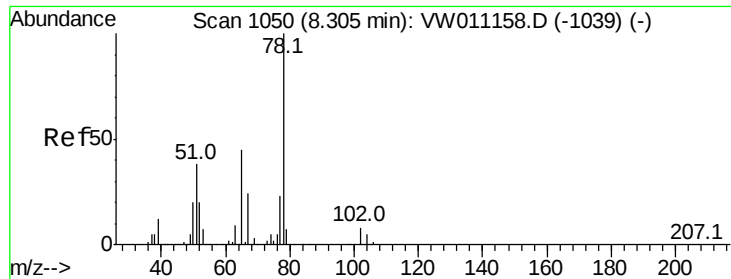
MMDadoda
7/25/2019 3:10:48 PM



#32
1,1,1-Trichloroethane
Concen: 20.516 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.1	51.0	76.4
61	48.9	40.4	60.6





#33

1,2-Dichloroethane-d4

Concen: 41.280 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBS01

Tot Ion: 65 Resp: 113714

Ion Ratio Lower Upper

65 100

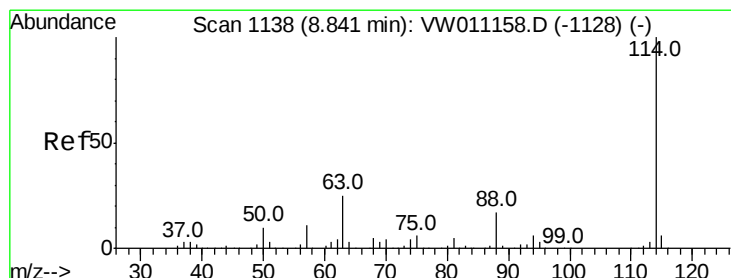
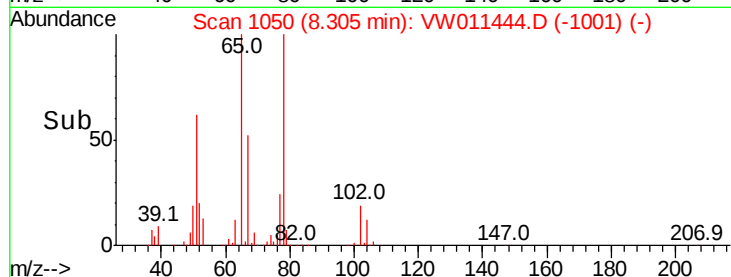
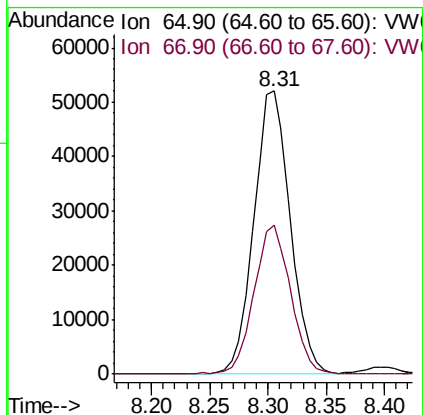
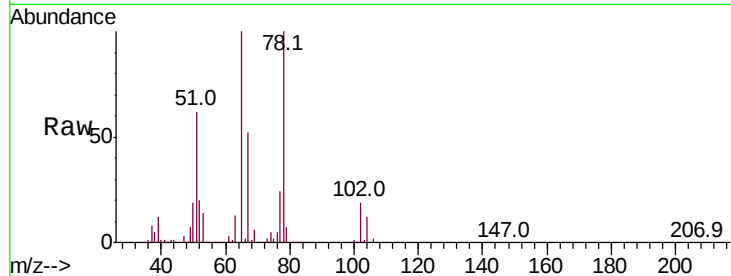
67 52.7 0.0 104.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

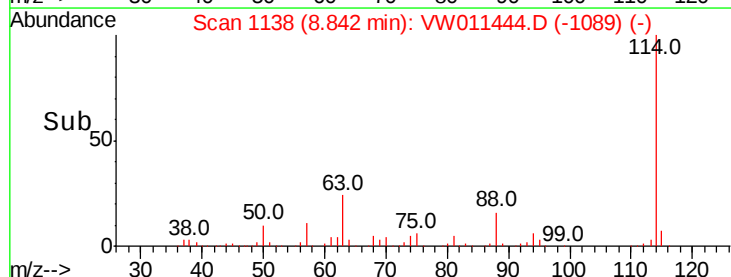
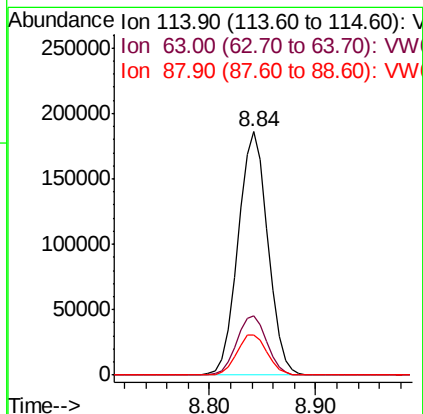
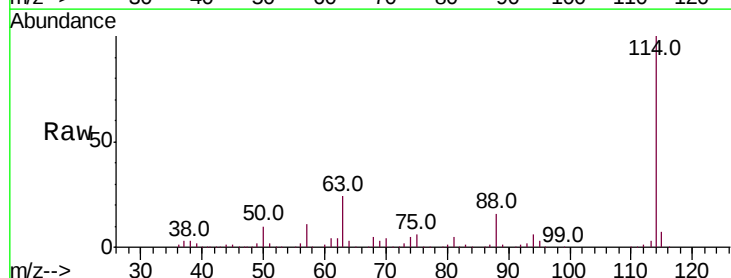
Tgt Ion: 114 Resp: 365693

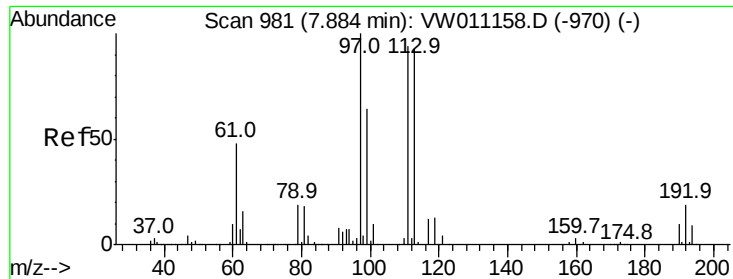
Ion Ratio Lower Upper

114 100

63 24.3 0.0 50.8

88 16.4 0.0 34.2





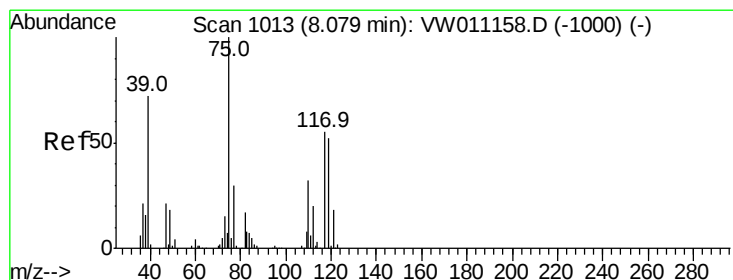
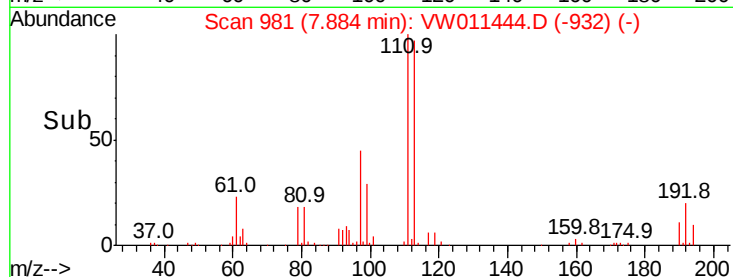
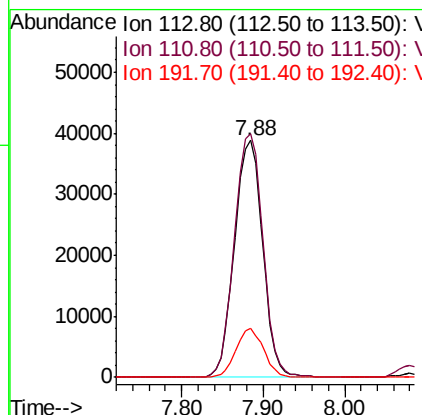
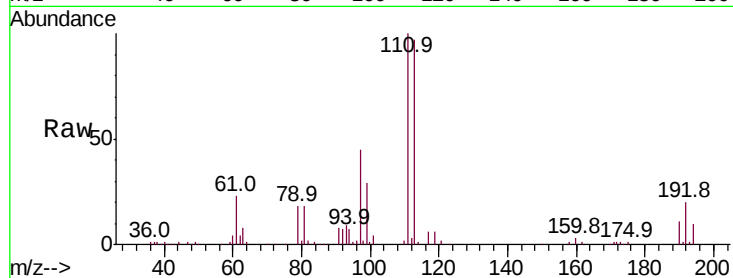
#35
 Dibromofluoromethane
 Concen: 42.500 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011444.D
 Acq: 23 Jul 2019 21:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.4	123.6
192	20.2	15.8	23.8

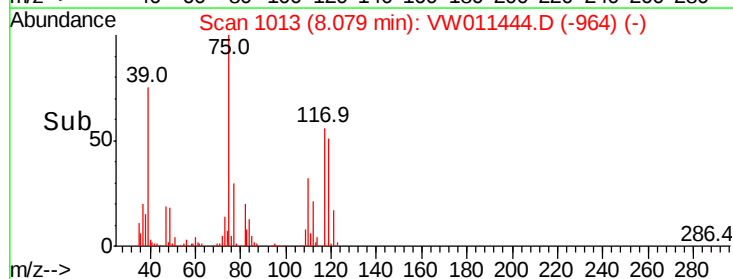
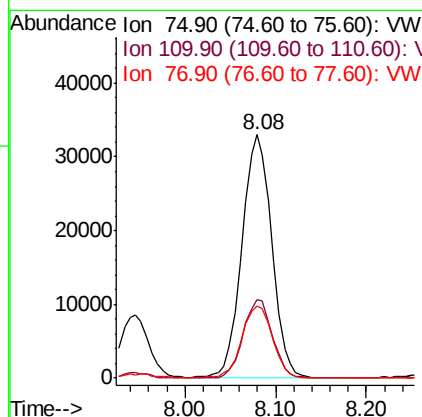
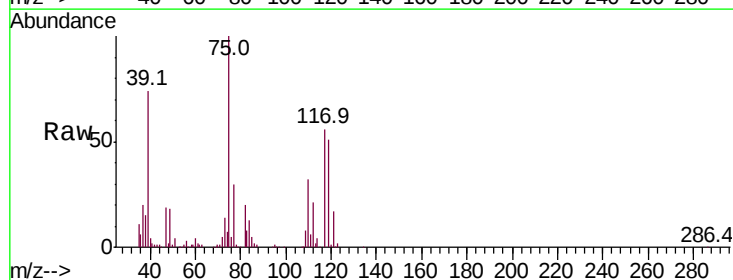
Manual Integrations
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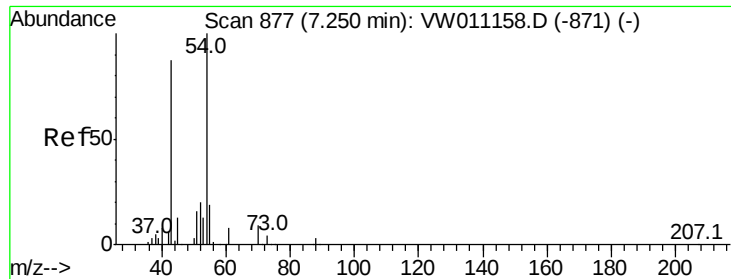
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 19.360 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW011444.D
 Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.4	15.9	47.6
77	30.5	24.6	36.8





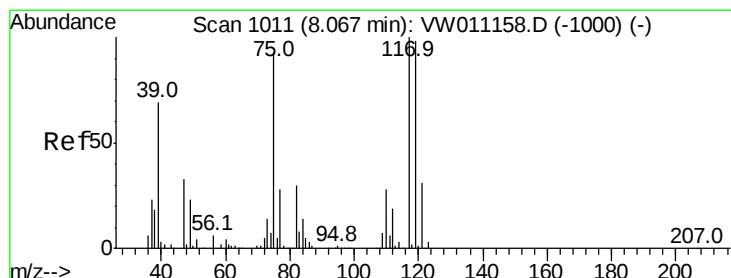
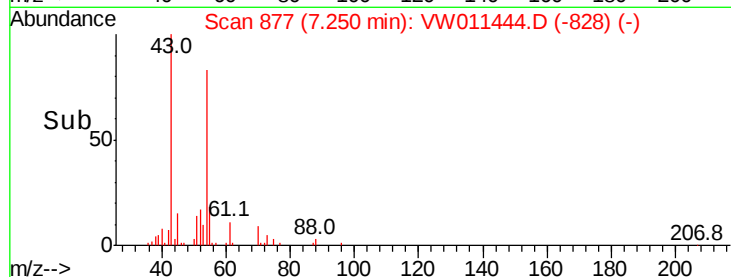
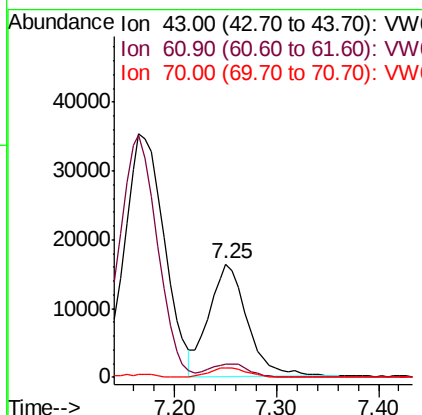
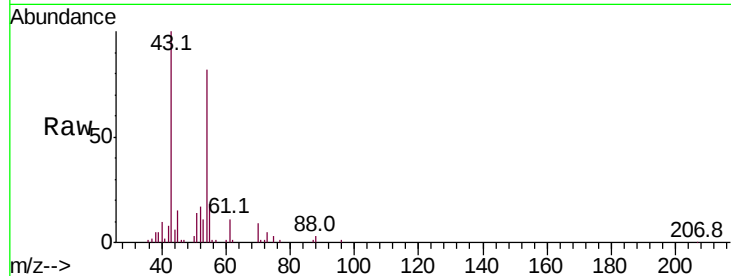
#37
Ethyl Acetate
Concen: 18.370 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleID :
VW0724SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.5	14.3
70	8.8	7.1	10.7

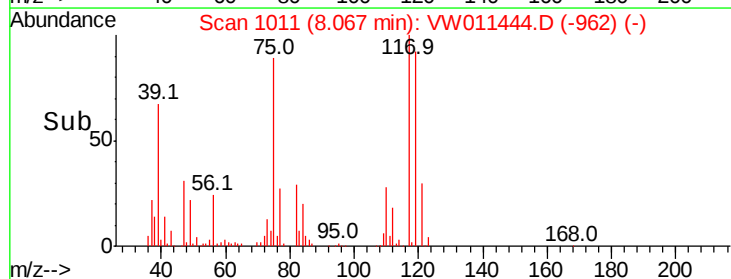
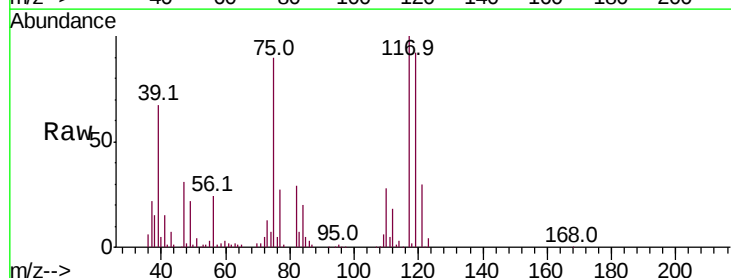
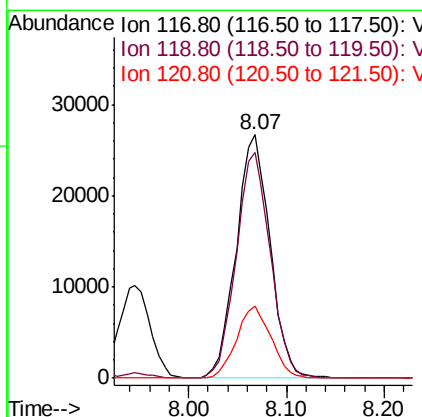
Manual Integrations
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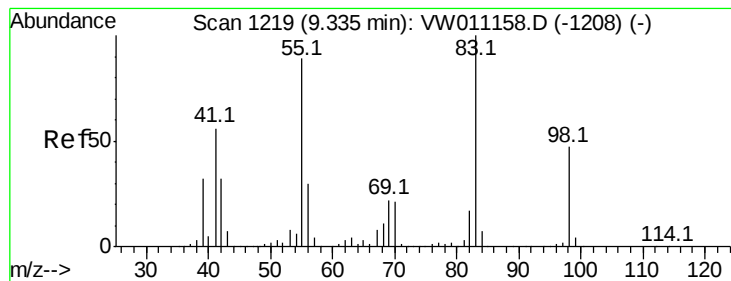
MMDadoda
7/25/2019 3:10:48 PM



#38
Carbon Tetrachloride
Concen: 19.445 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	78.1	117.1
121	29.6	25.1	37.7





#39

Methvlcvclohexane

Concen: 18.402 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

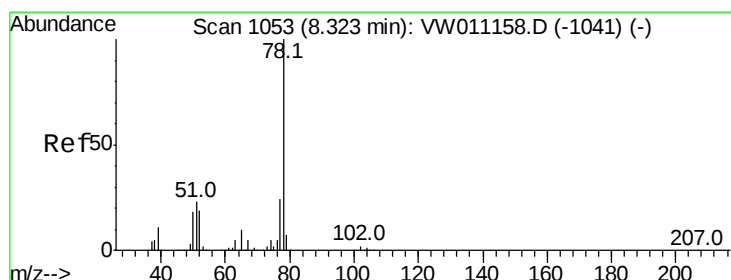
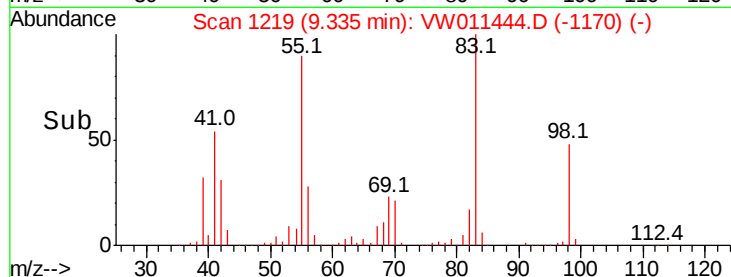
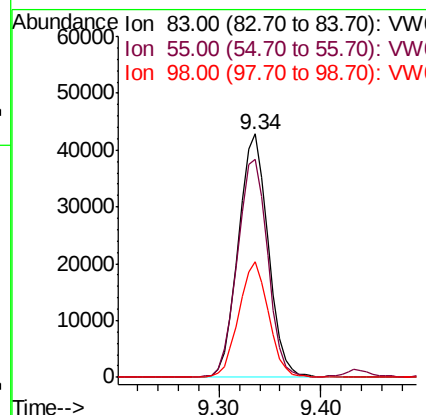
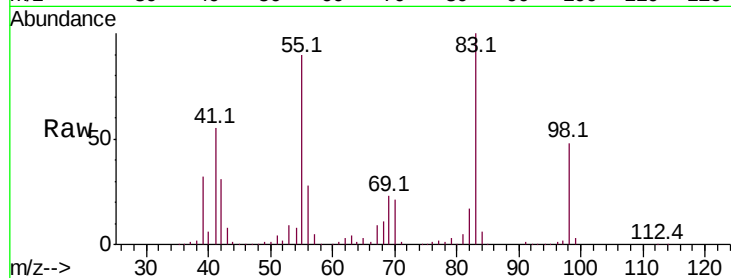
ClientSampled :

VW0724SBS01

Tot Ion:	83	Resp:	86860
Ion	Ratio	Lower	Upper
83	100		
55	89.7	71.2	106.8
98	47.5	37.5	56.3

Manual Integrations
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7/25/2019 3:10:48 PM



#40

Benzene

Concen: 20.254 ug/l

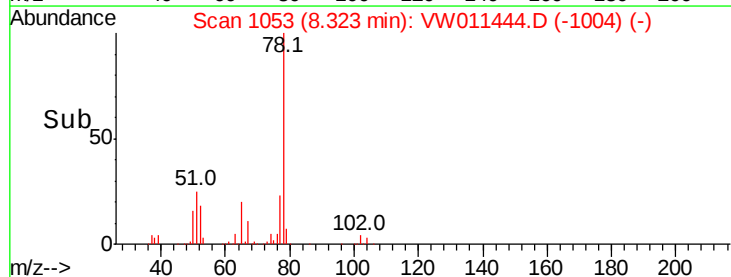
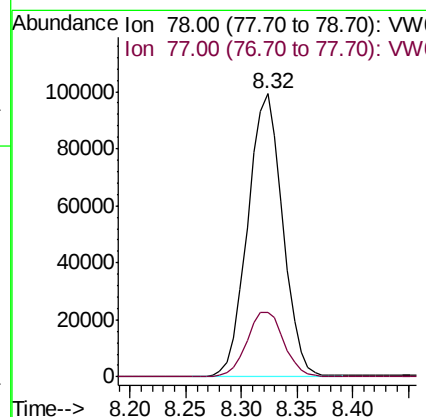
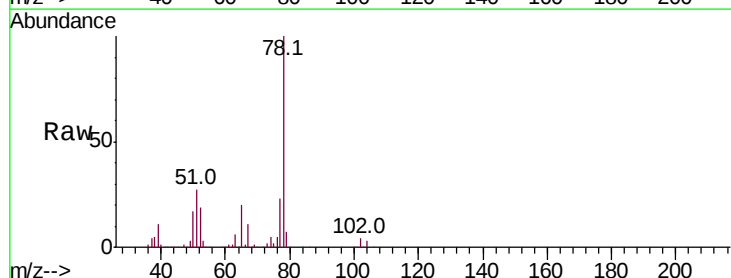
RT: 8.32 min Scan# 1053

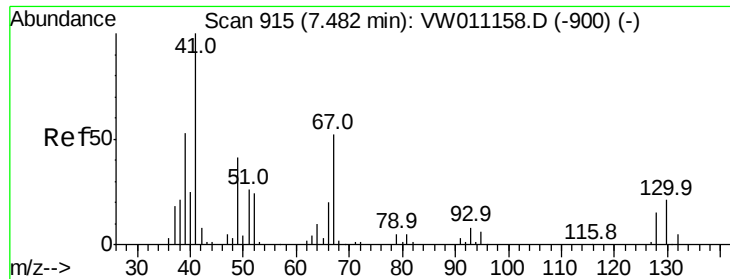
Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Tgt Ion:	78	Resp:	217975
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.0	28.6





#41

Methacrylonitrile

Concen: 18.962 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

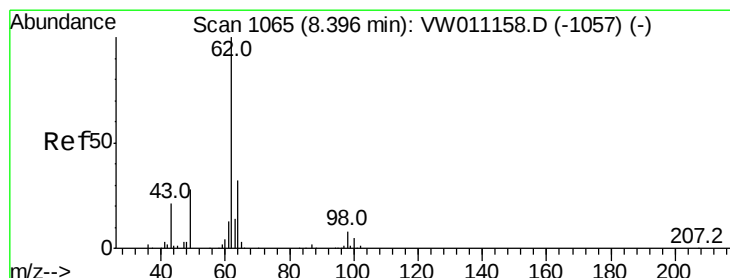
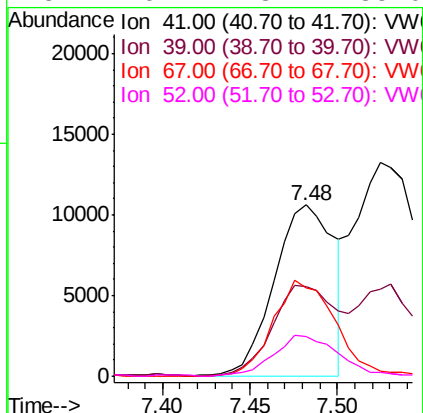
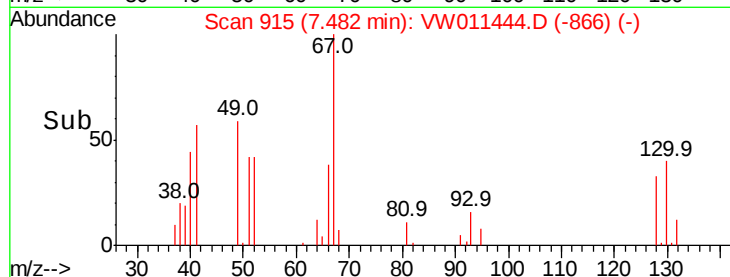
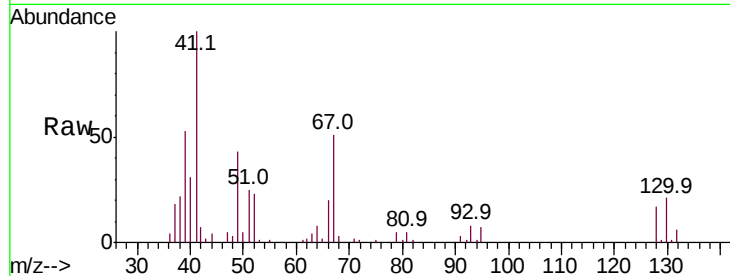
ClientSampleId :

VW0724SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	59.3	48.0	72.0
67	59.0	49.7	74.5
52	26.2	23.4	35.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.487 ug/l

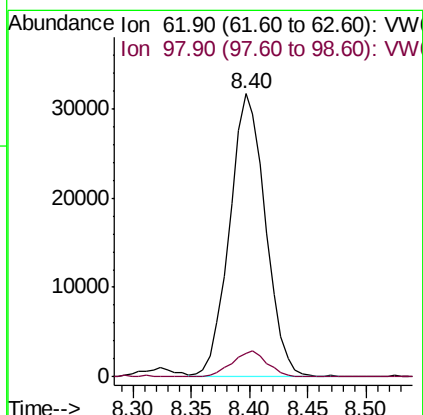
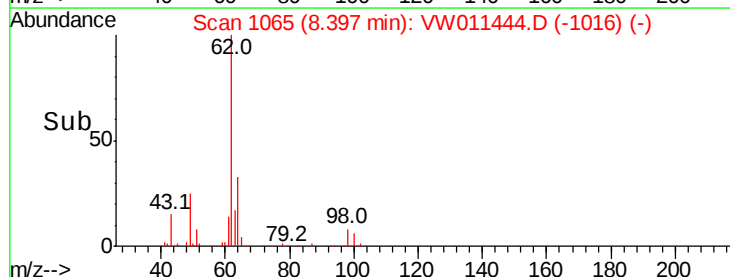
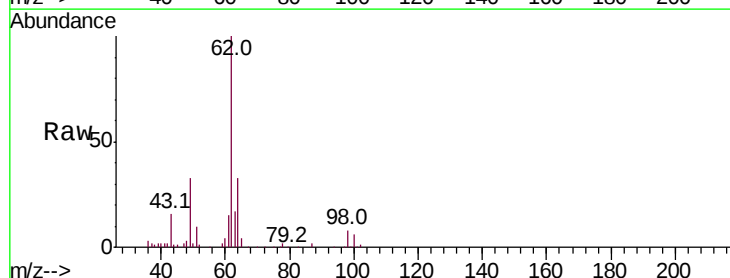
RT: 8.40 min Scan# 1065

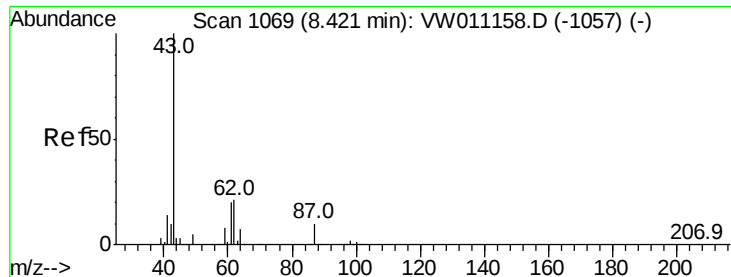
Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.8





#43

Isopropyl Acetate

Concen: 17.637 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

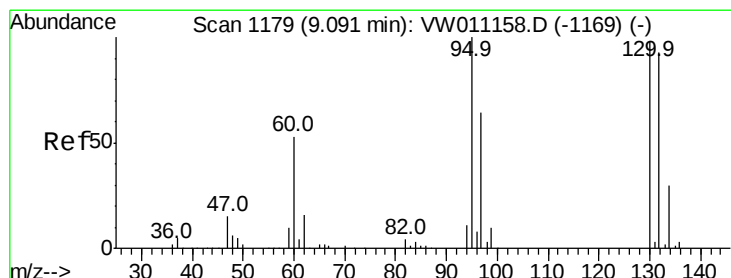
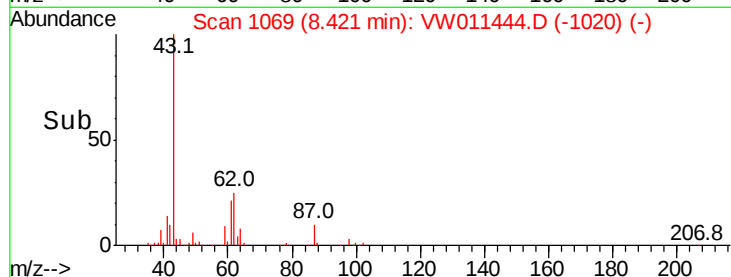
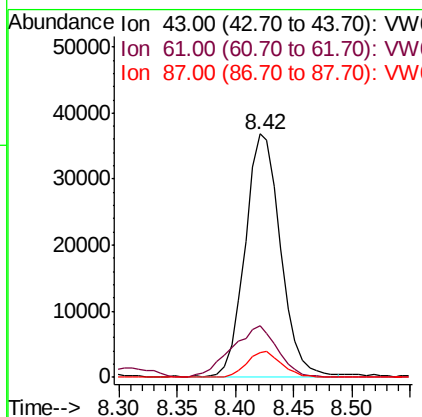
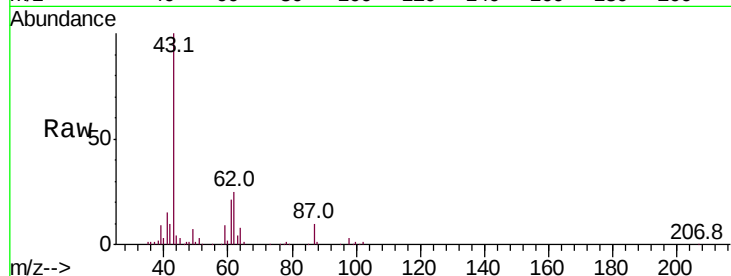
ClientSampleId :

VW0724SBS01

Tot Ion:	43	Resp:	77912
Ion	Ratio	Lower	Upper
43	100		
61	27.1	20.7	31.1
87	10.8	8.1	12.1

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#44

Trichloroethene

Concen: 19.841 ug/l

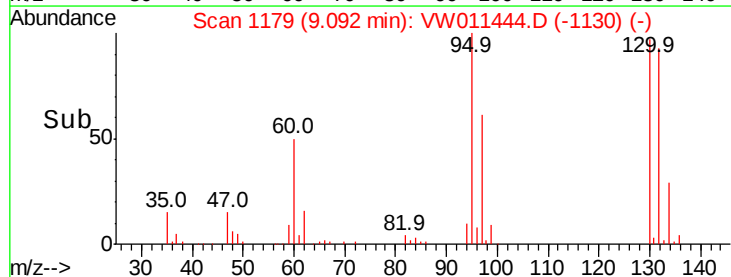
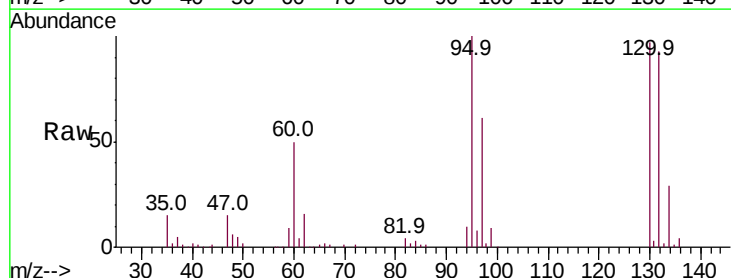
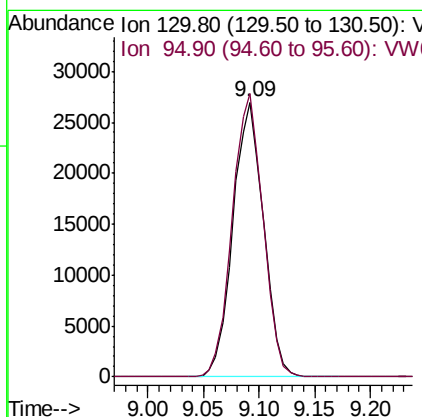
RT: 9.09 min Scan# 1179

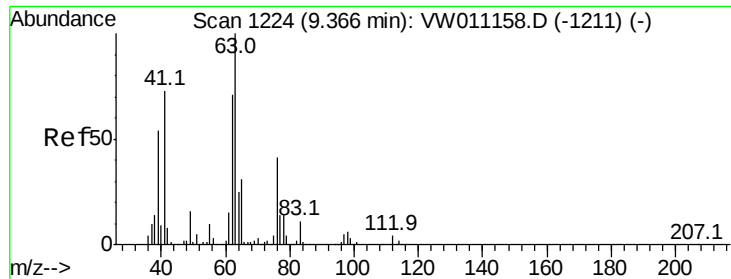
Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Tgt Ion:	130	Resp:	51385
Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	203.6





#45

1,2-Dichloropropane

Concen: 20.226 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBS01

Tot Ion: 63 Resp: 58947

Ion Ratio Lower Upper

63 100

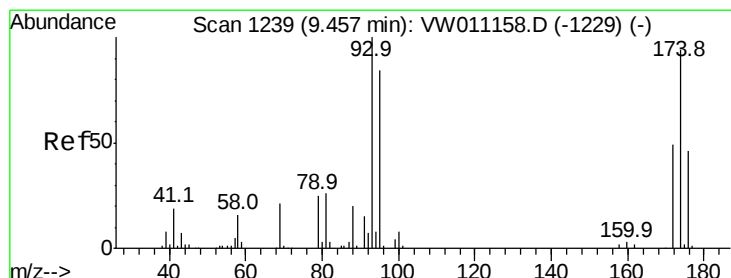
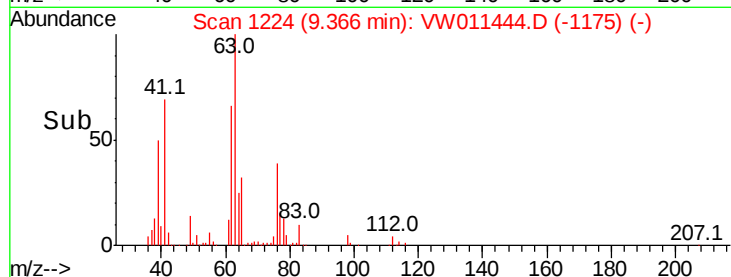
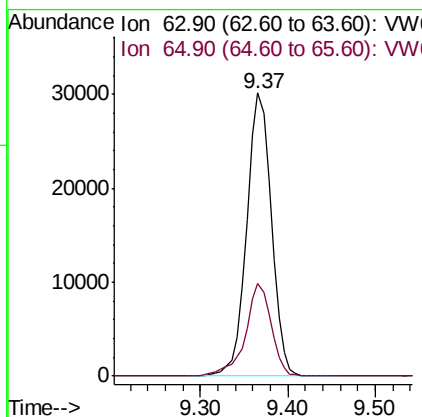
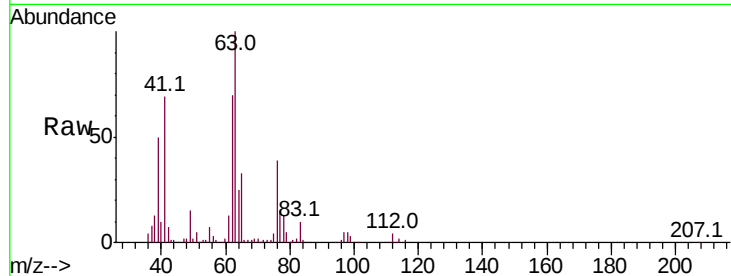
65 32.5 24.4 36.6

Manual Integrations

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#46

Dibromomethane

Concen: 19.568 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

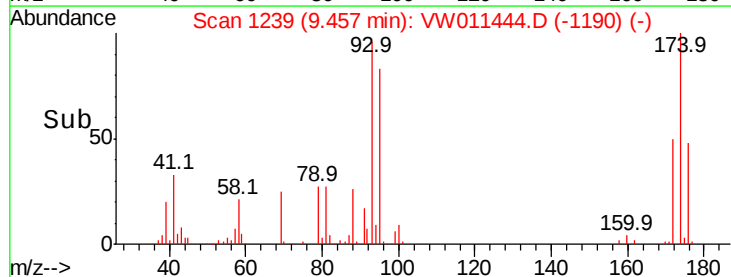
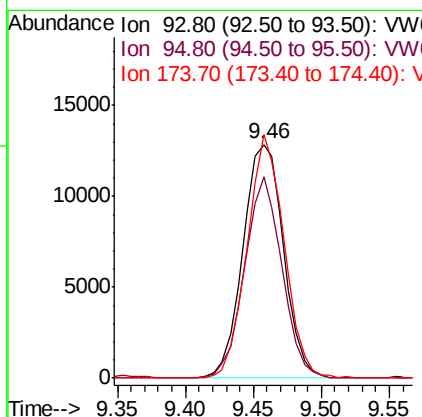
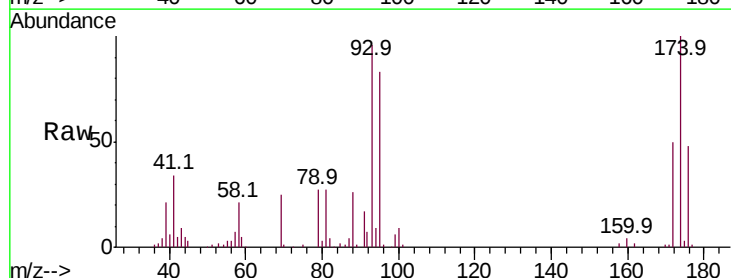
Tgt Ion: 93 Resp: 26789

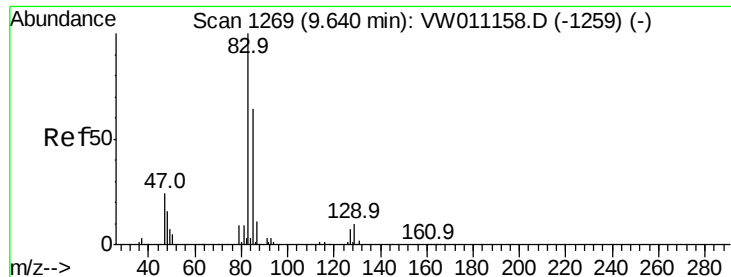
Ion Ratio Lower Upper

93 100

95 79.7 67.2 100.8

174 95.5 76.3 114.5





#47

Bromodichloromethane

Concen: 19.792 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

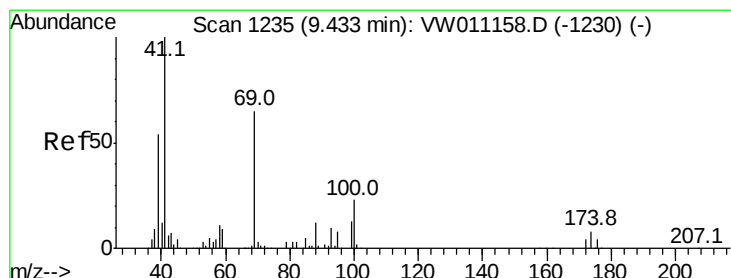
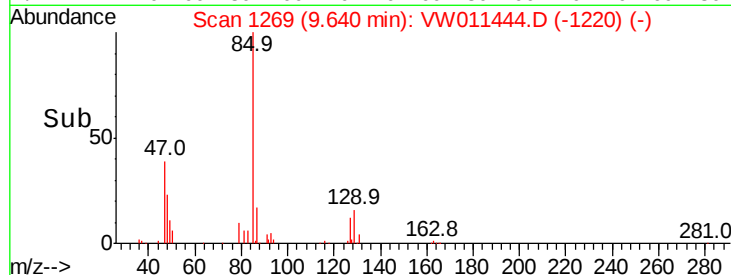
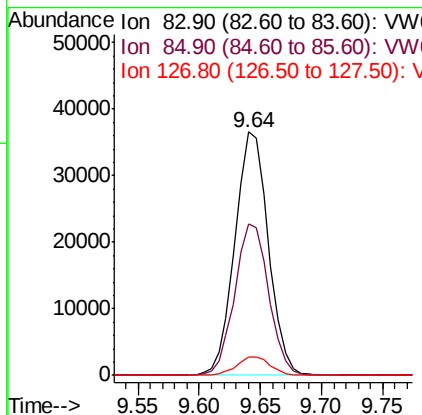
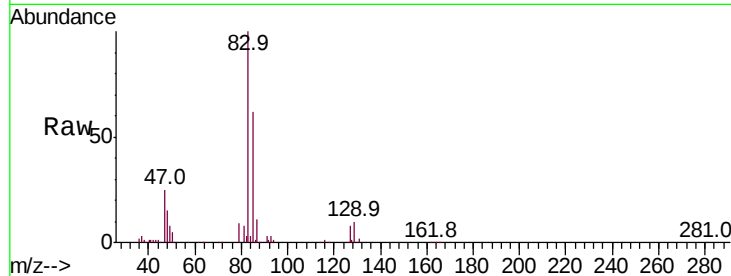
ClientSampleId :

VW0724SBS01

Tot Ion:	83	Resp:	69330
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.0	76.4
127	7.6	6.0	9.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.479 ug/l

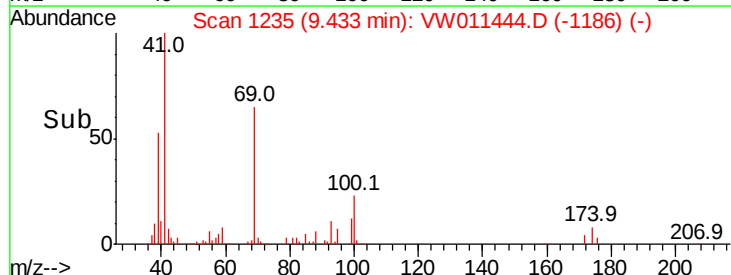
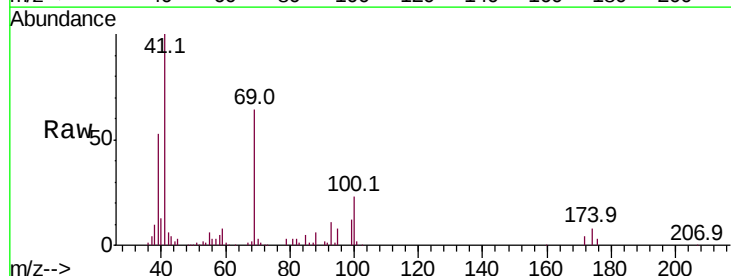
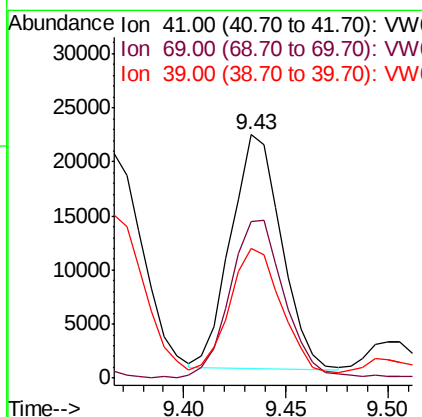
RT: 9.43 min Scan# 1235

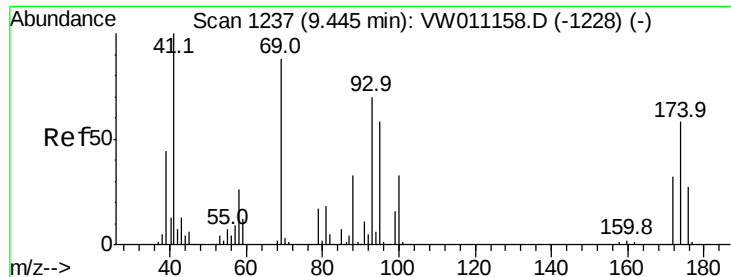
Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Tgt Ion:	41	Resp:	37148
Ion	Ratio	Lower	Upper
41	100		
69	72.0	56.0	84.0
39	59.5	43.5	65.3





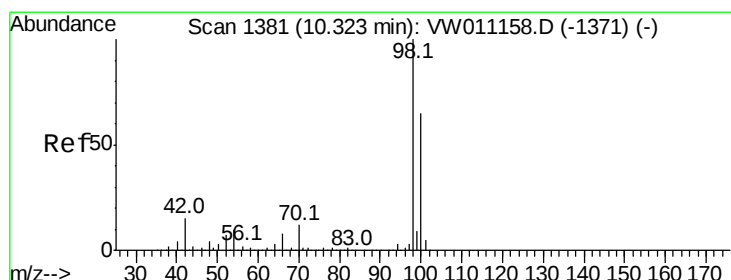
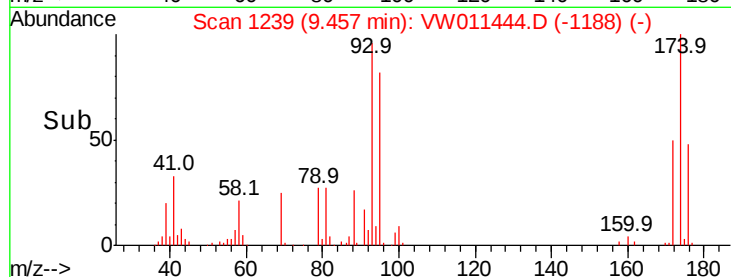
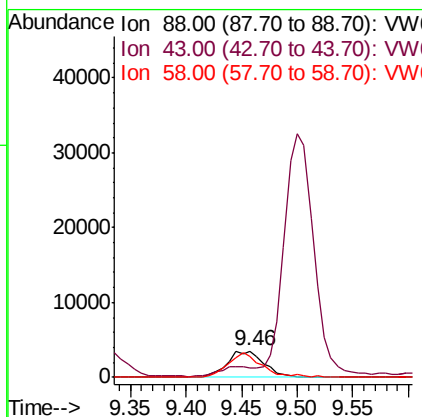
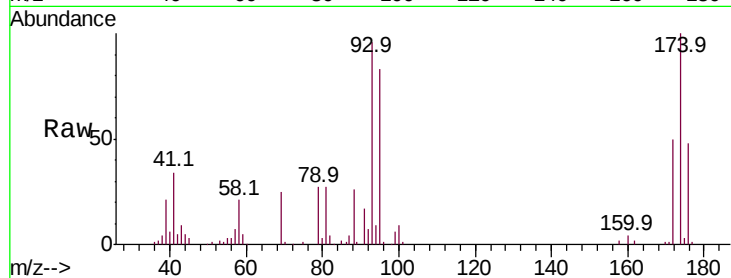
#49
1,4-Dioxane
Concen: 360.718 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	33.4	50.0
58	87.4	64.5	96.7

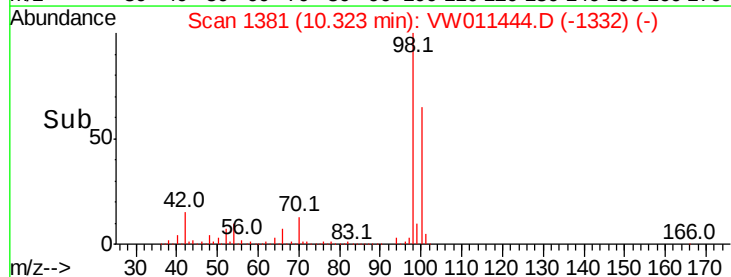
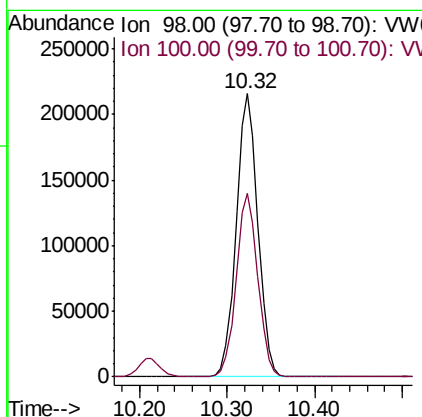
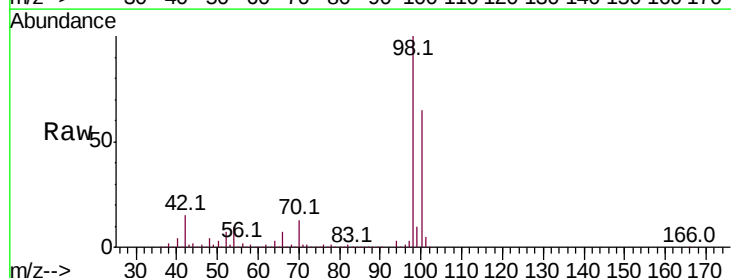
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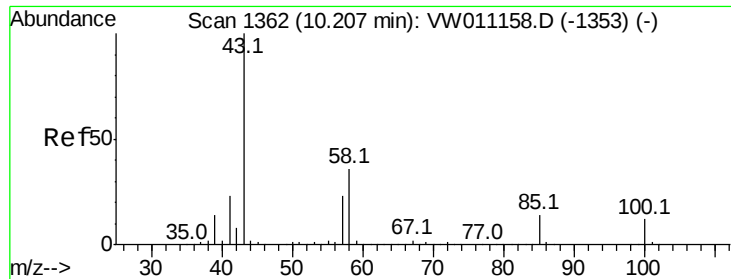
MMDadoda
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#50
Toluene-d8
Concen: 42.133 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 88.429 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBS01

Tot Ion: 43 Resp: 204057

Ion Ratio Lower Upper

43 100

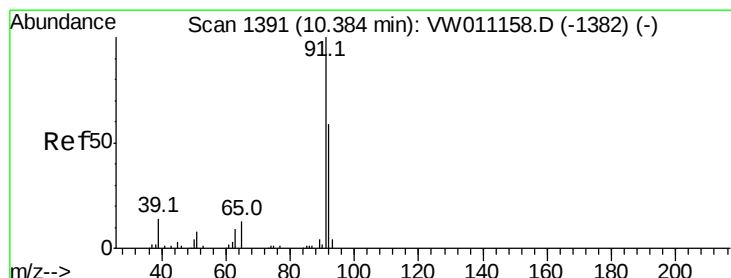
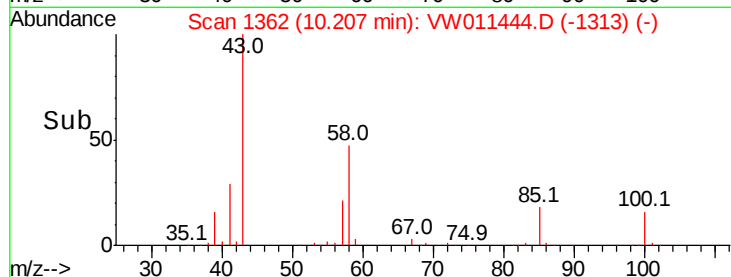
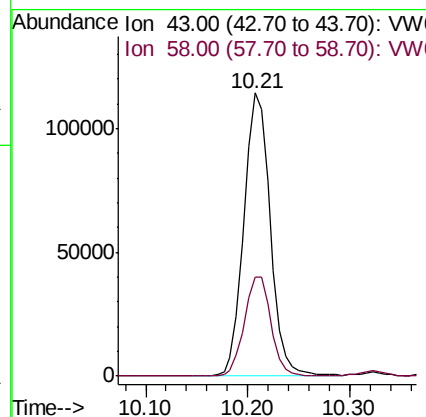
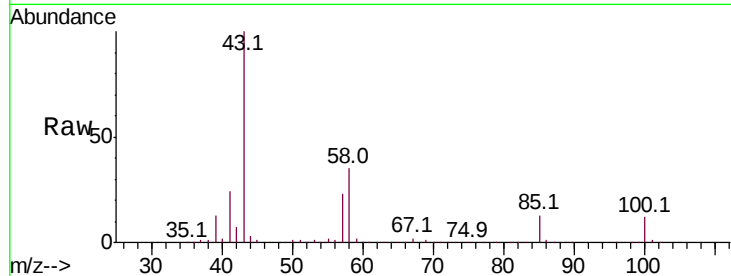
58 35.7 28.2 42.2

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#52

Toluene

Concen: 20.127 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW011444.D

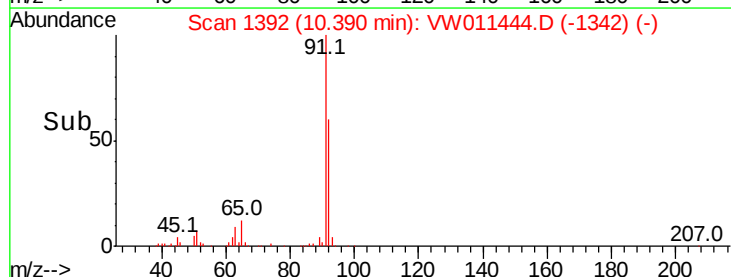
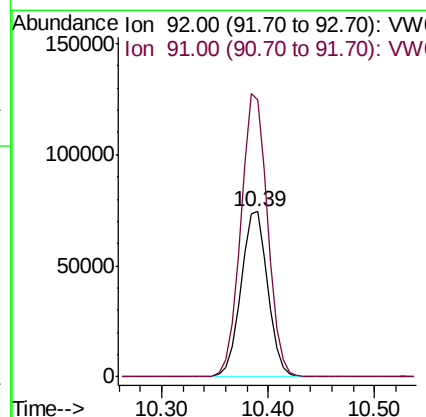
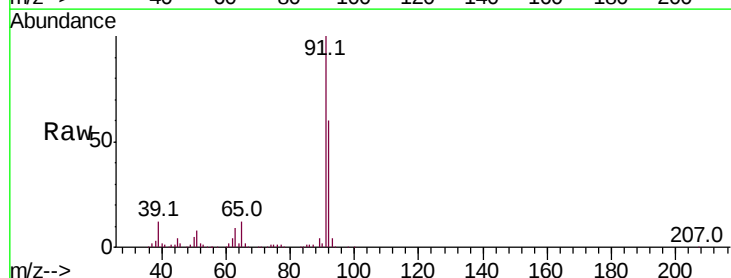
Acq: 23 Jul 2019 21:21

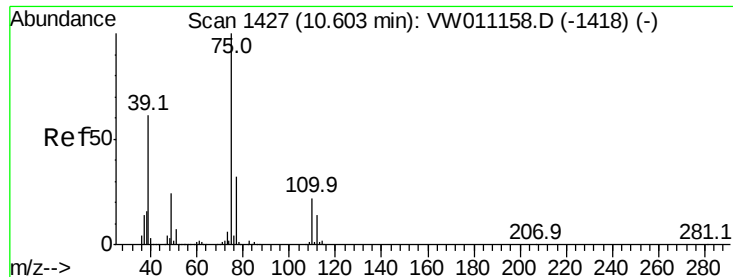
Tgt Ion: 92 Resp: 131400

Ion Ratio Lower Upper

92 100

91 171.1 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 18.386 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W

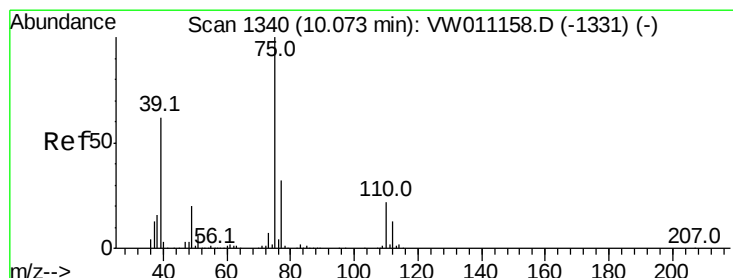
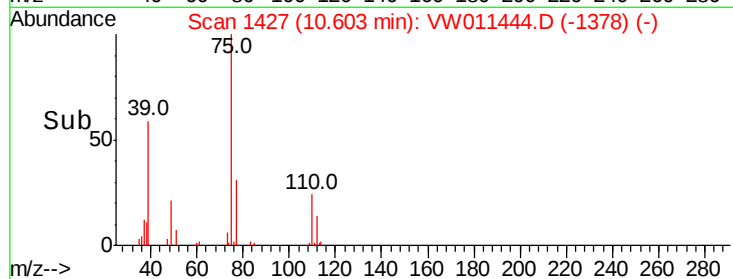
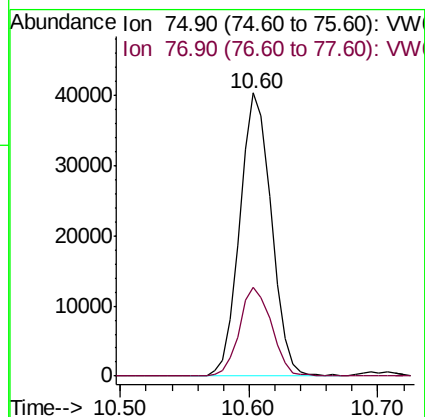
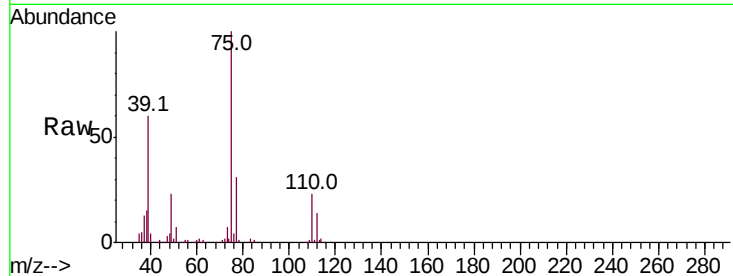
ClientSampleId :
VW0724SBS01

Tot Ion: 75 Resp: 68555

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.0

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 18.863 ug/l

RT: 10.07 min Scan# 1340

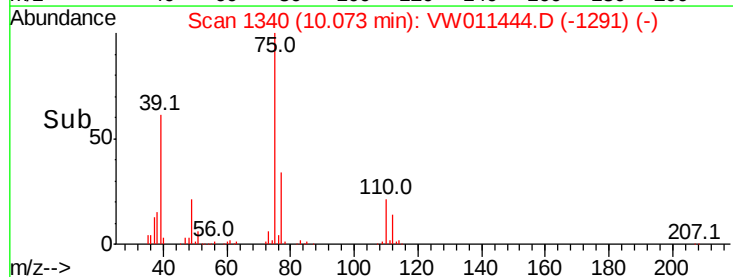
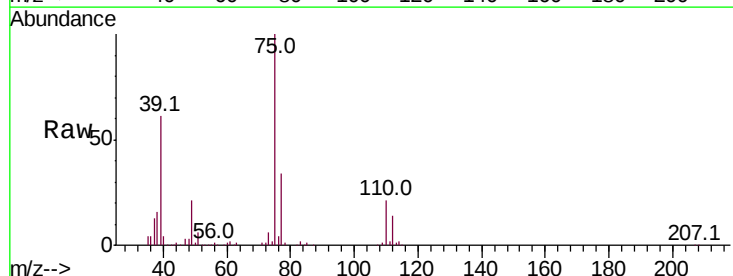
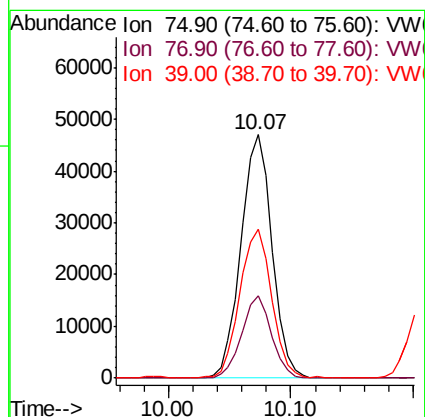
Delta R.T. 0.00 min

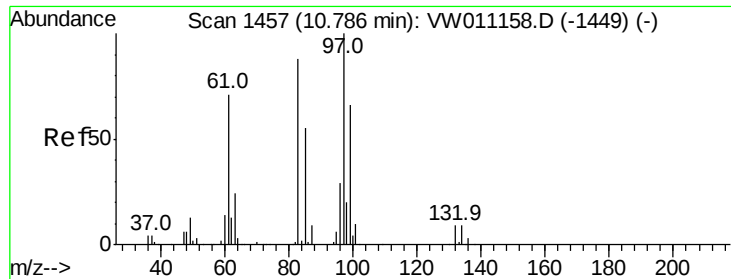
Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Tgt Ion: 75 Resp: 82787

Ion	Ratio	Lower	Upper
75	100		
77	34.0	25.7	38.5
39	60.8	49.8	74.8





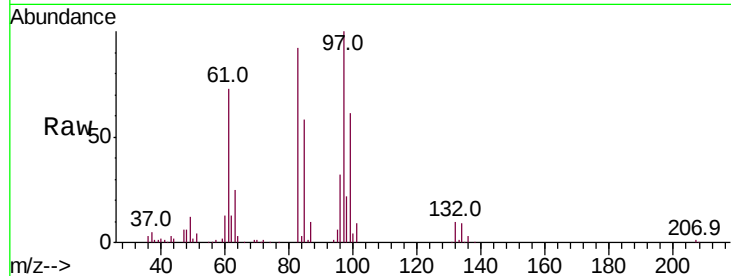
#55
 1,1,2-Trichloroethane
 Concen: 19.418 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011444.D
 Acq: 23 Jul 2019 21:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBS01

Tot Ion:	97	Resp:	37714
Ion	Ratio	Lower	Upper
97	100		
83	92.1	70.2	105.4
85	58.1	44.2	66.2
99	60.6	52.6	79.0

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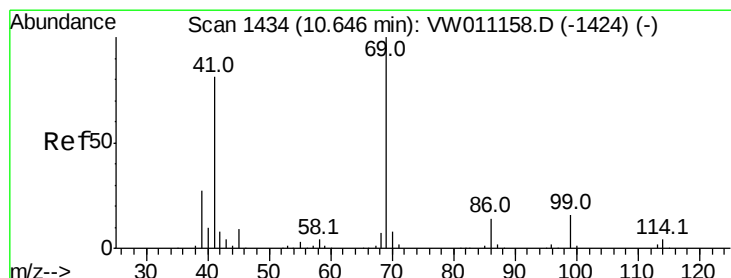
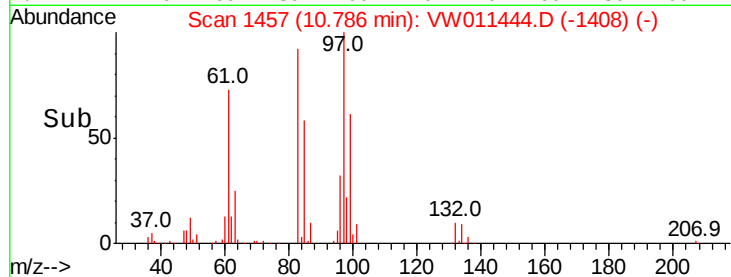
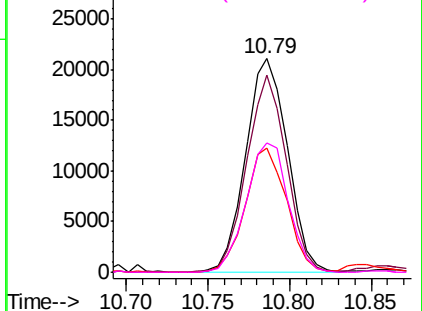
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

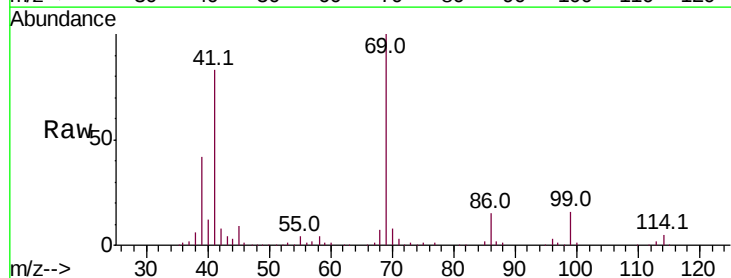
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 18.070 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011444.D
 Acq: 23 Jul 2019 21:21

Tgt Ion:	69	Resp:	53432
Ion	Ratio	Lower	Upper
69	100		
41	81.8	66.5	99.7
39	37.2	32.5	48.7

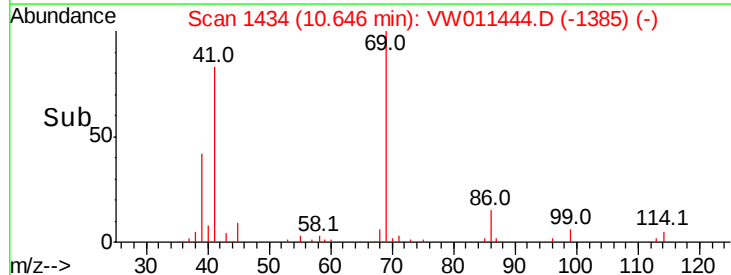
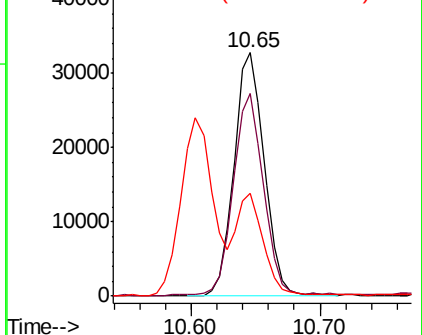


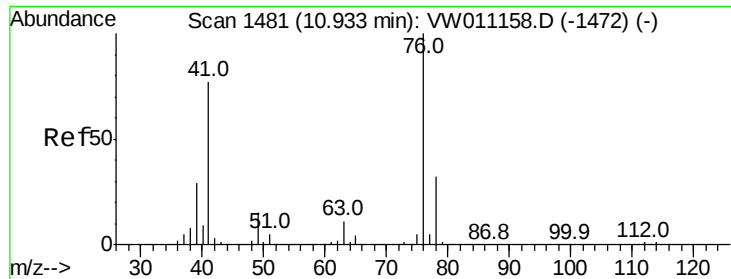
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





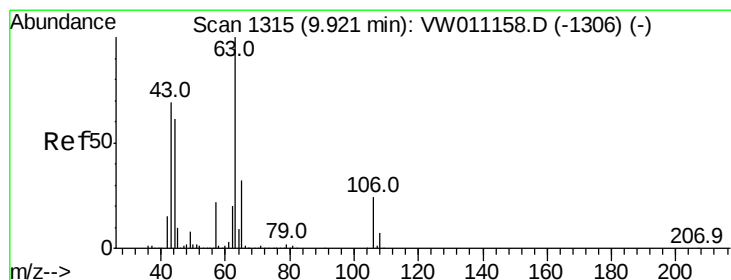
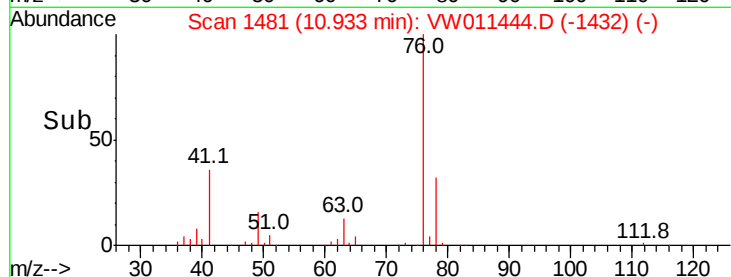
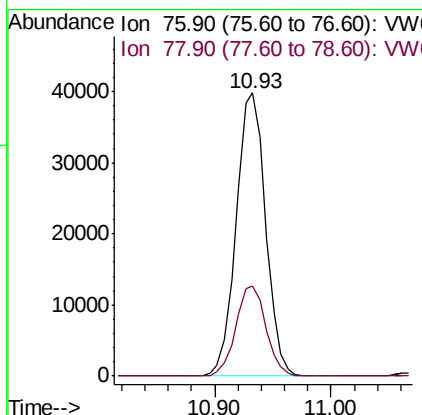
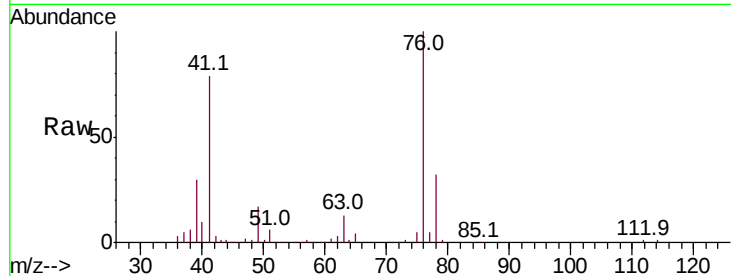
#57
 1,3-Dichloropropane
 Concen: 19.105 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011444.D
 Acq: 23 Jul 2019 21:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBS01

Tot Ion: 76 Resp: 70167
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2

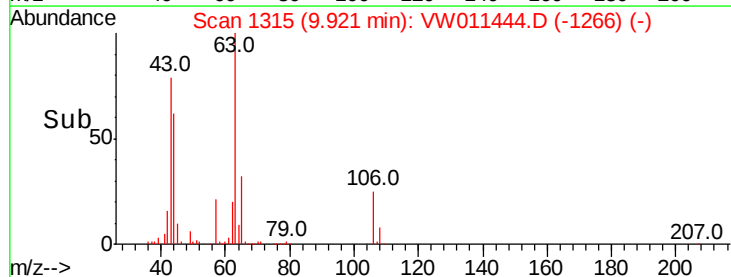
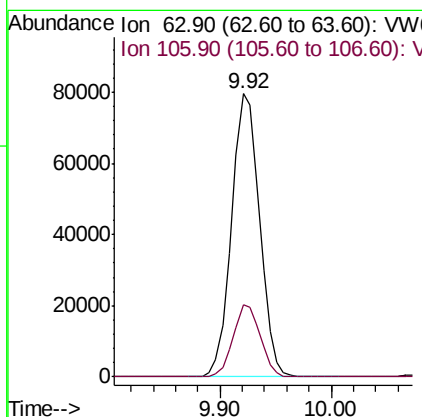
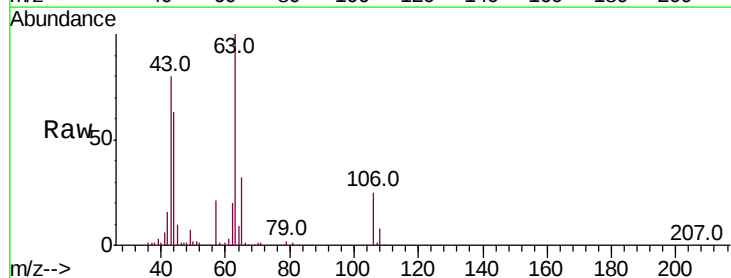
Manual Integrations
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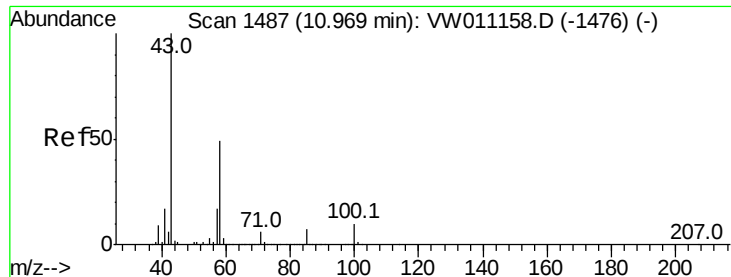
MMDadoda
 7/25/2019 3:10:48 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.119 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011444.D
 Acq: 23 Jul 2019 21:21

Tgt Ion: 63 Resp: 138618
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.4 29.0





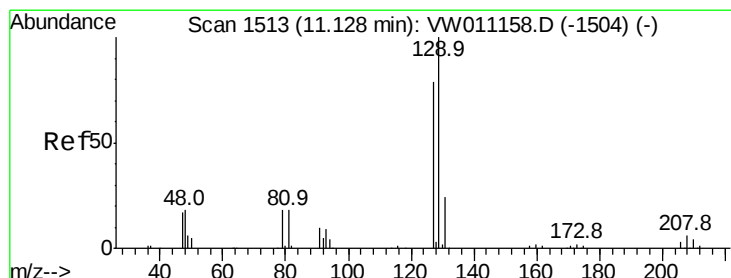
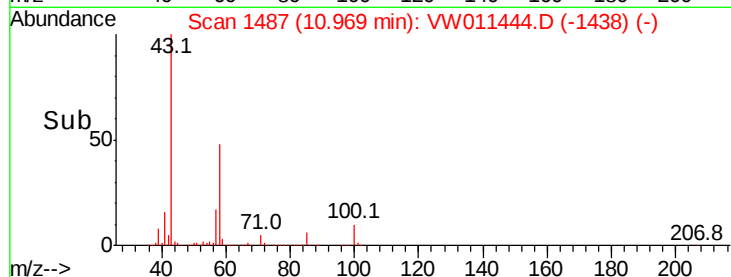
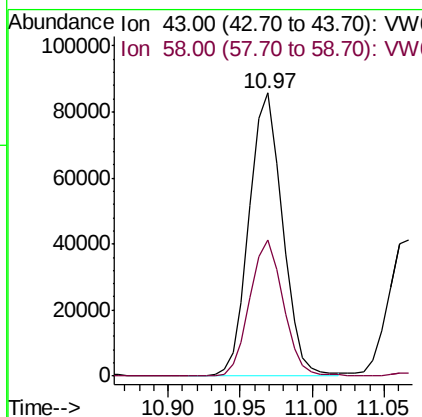
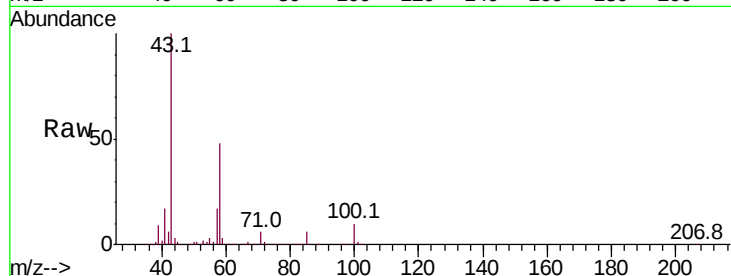
#59
2-Hexanone
Concen: 85.785 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

Tot Ion	43	58	Ratio	100	48.5	Resp	137282	Lower	24.4	Upper	73.4
Ion	43	58	Ratio	100	48.5	Resp	137282	Lower	24.4	Upper	73.4

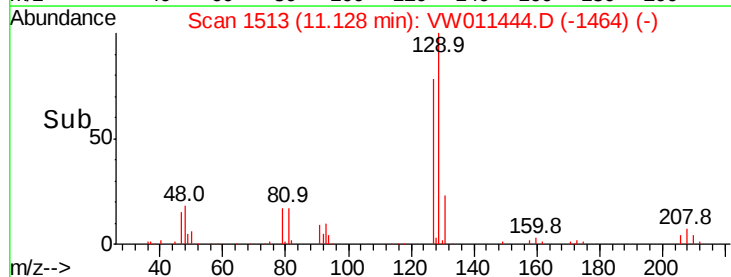
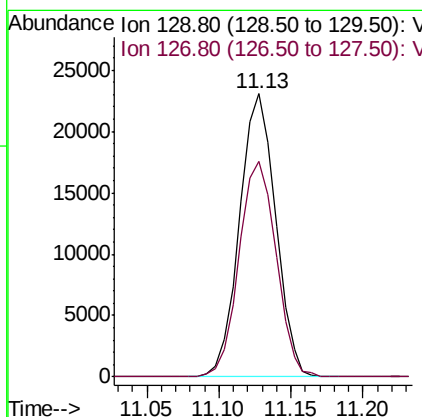
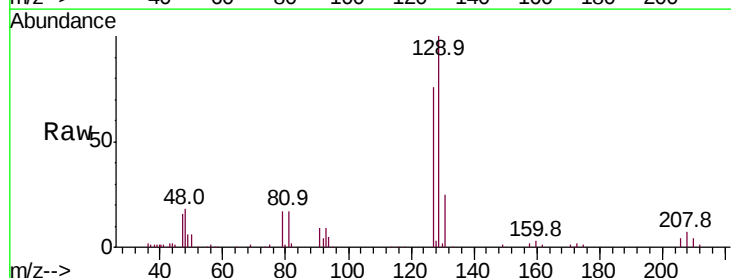
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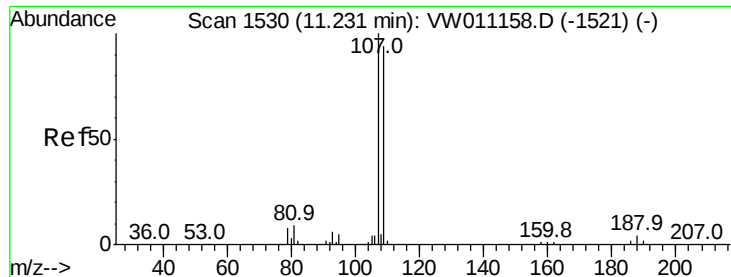
MMDadoda
7/25/2019 3:10:48 PM



#60
Dibromochloromethane
Concen: 18.854 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion	129	127	Ratio	100	78.1	Resp	40154	Lower	39.1	Upper	117.3
Ion	129	127	Ratio	100	78.1	Resp	40154	Lower	39.1	Upper	117.3





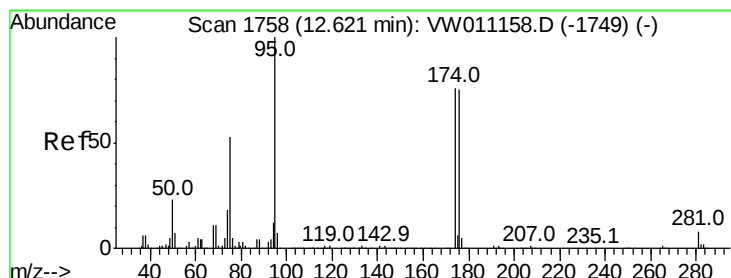
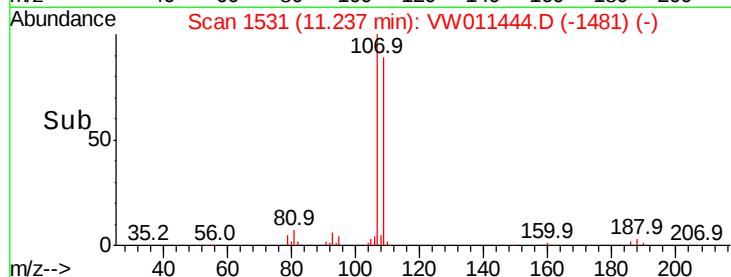
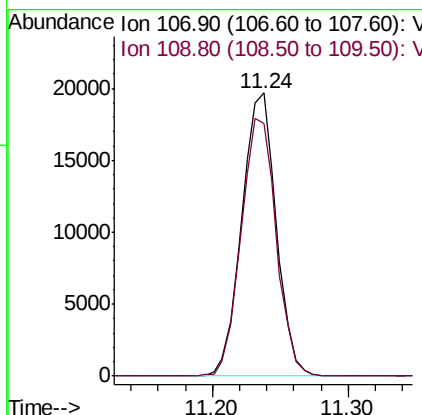
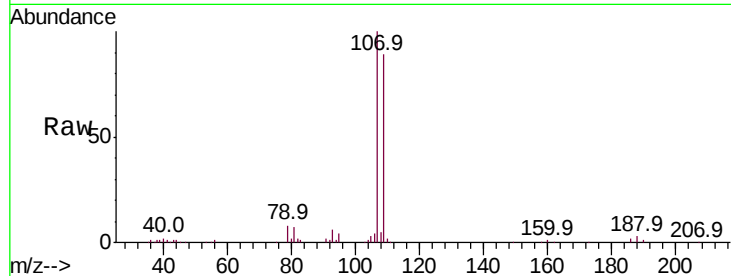
#61
 1,2-Dibromoethane
 Concen: 18.929 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW011444.D
 Acq: 23 Jul 2019 21:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBS01

Tot Ion:107 Resp: 34824
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.2 112.8

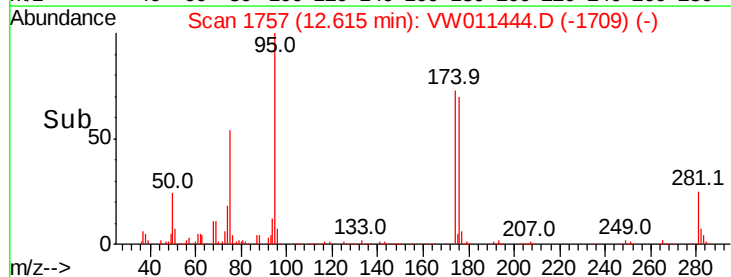
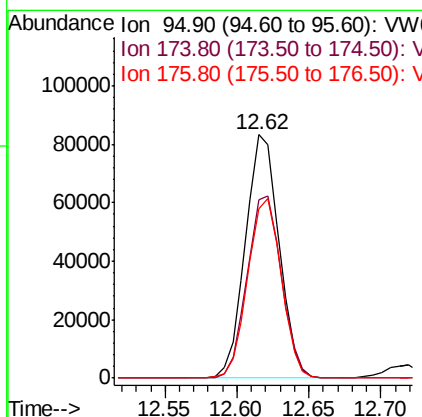
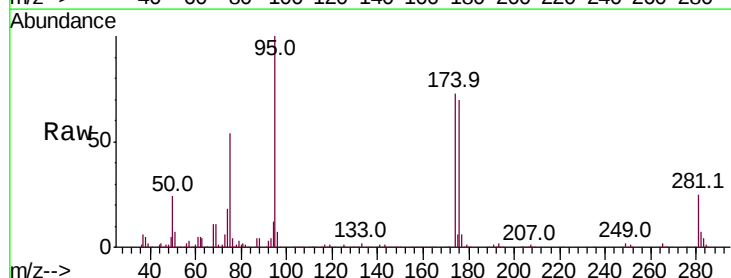
Manual Integrations
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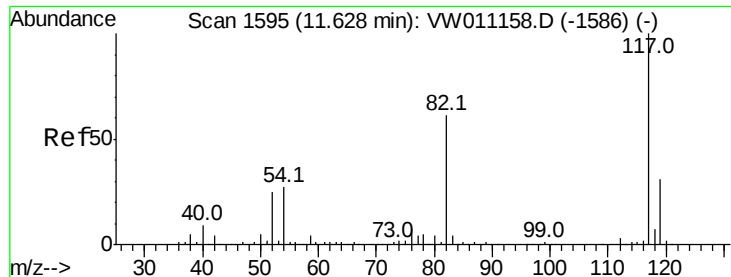
MMDadoda
 7/25/2019 3:10:48 PM



#62
 4-Bromofluorobenzene
 Concen: 41.582 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW011444.D
 Acq: 23 Jul 2019 21:21

Tgt Ion: 95 Resp: 134284
 Ion Ratio Lower Upper
 95 100
 174 76.6 0.0 147.6
 176 73.5 0.0 144.6





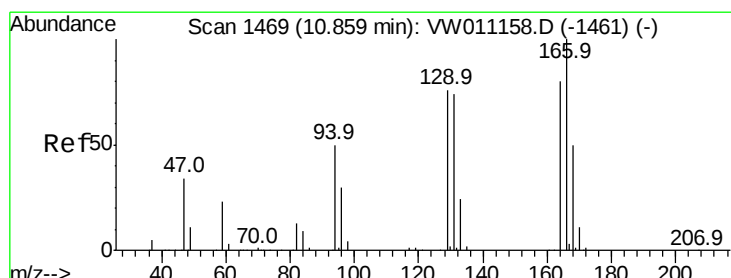
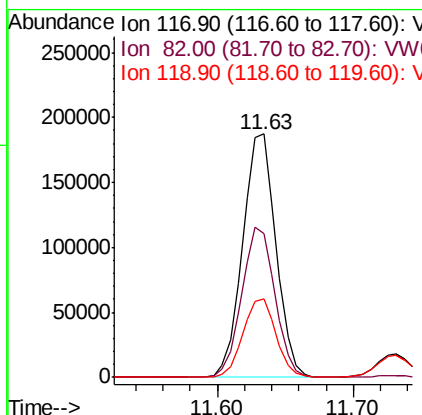
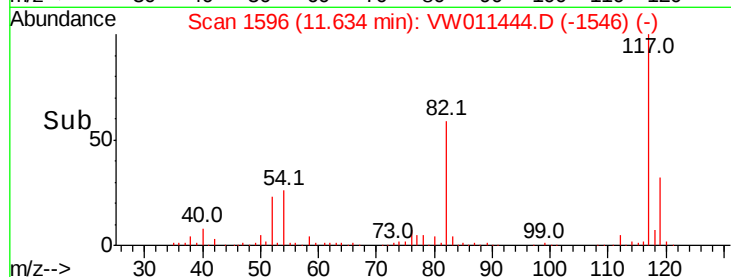
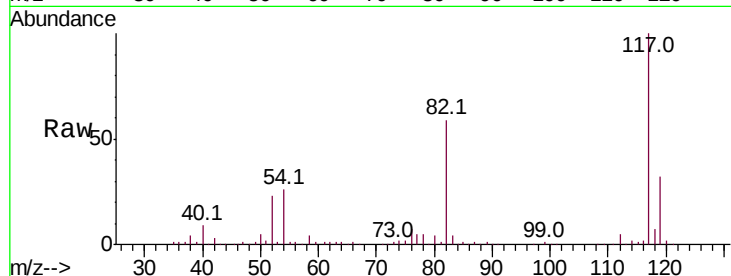
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	59.3	48.9	73.3	
119	32.3	25.0	37.6	

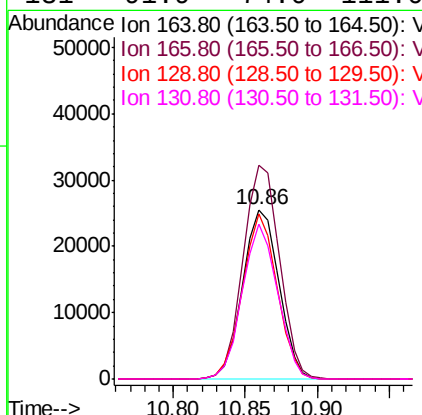
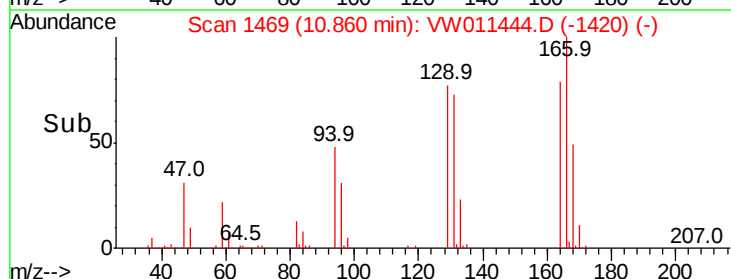
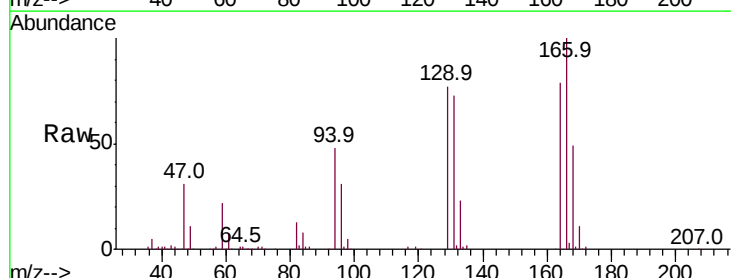
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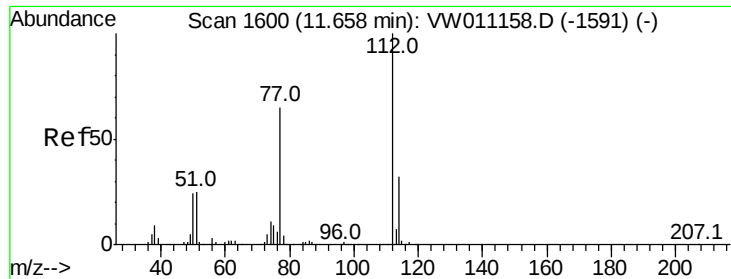
MMDadoda
7/25/2019 3:10:48 PM



#64
Tetrachloroethene
Concen: 20.512 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	126.3	99.7	149.5	
129	97.5	76.2	114.2	
131	91.9	74.0	111.0	





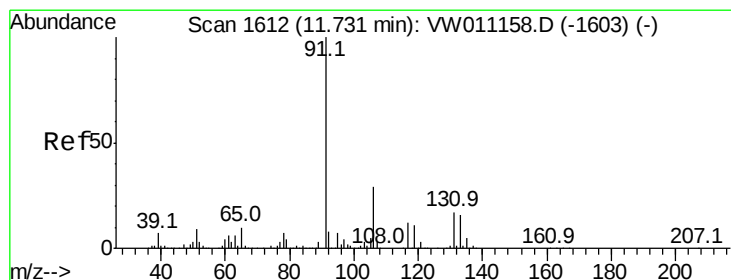
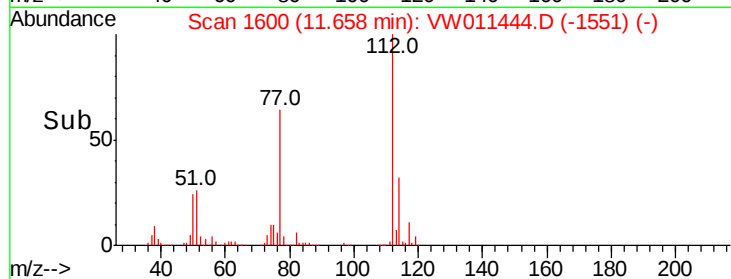
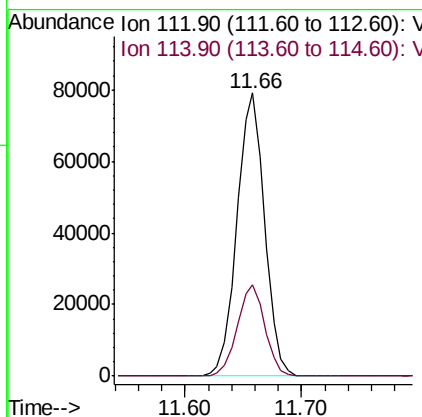
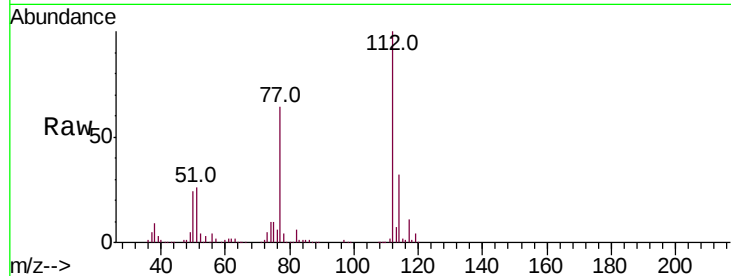
#65
Chlorobenzene
Concen: 20.030 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.5	38.3

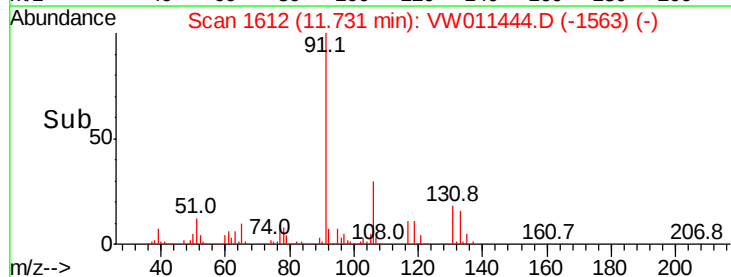
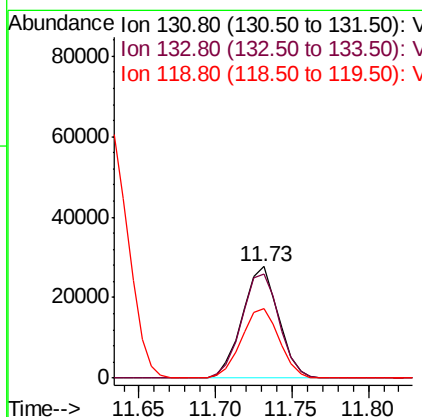
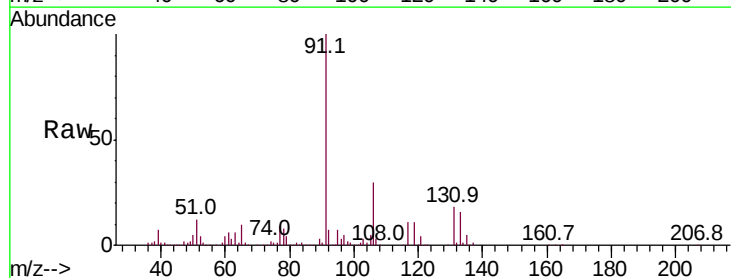
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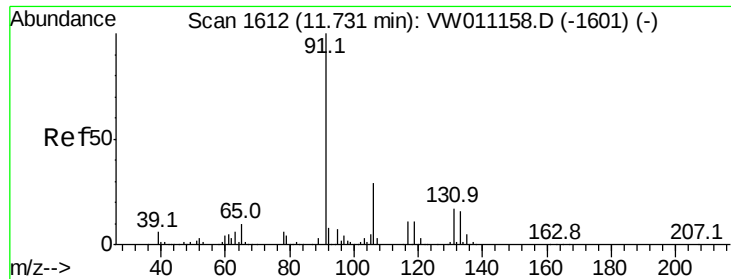
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.980 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.9	143.8
119	65.4	33.1	99.2





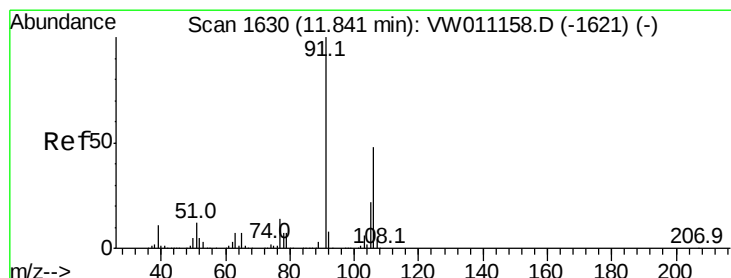
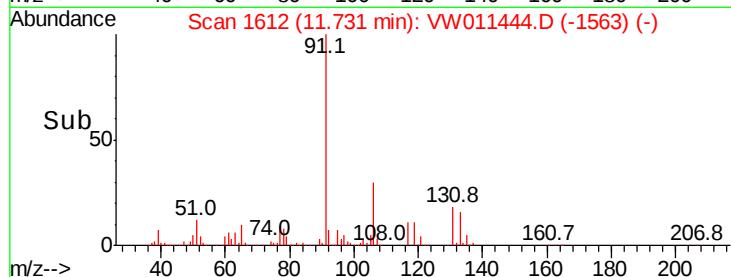
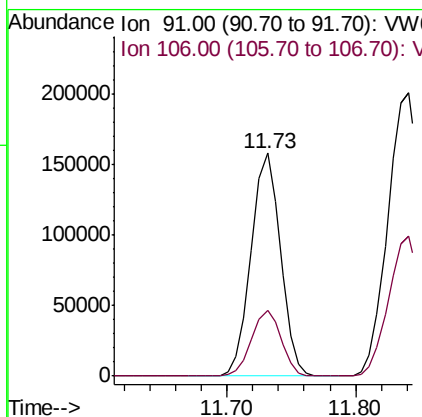
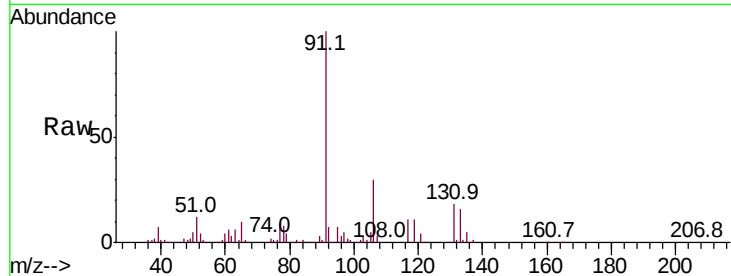
#67
Ethyl Benzene
Concen: 19.933 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.7	23.5	35.3

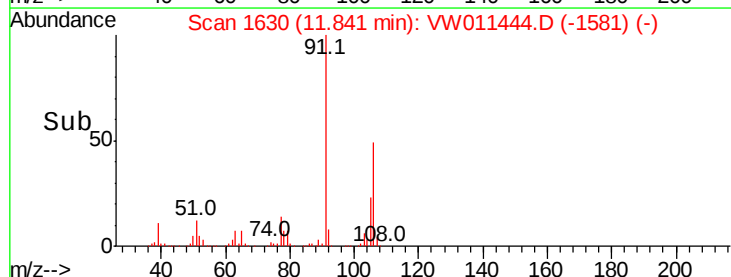
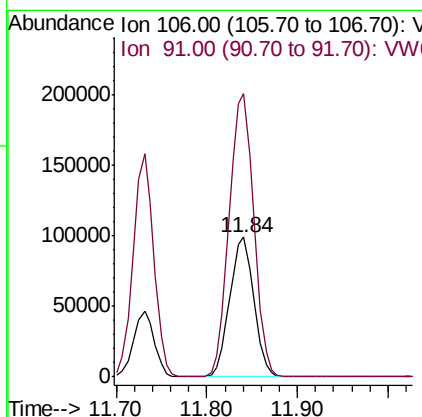
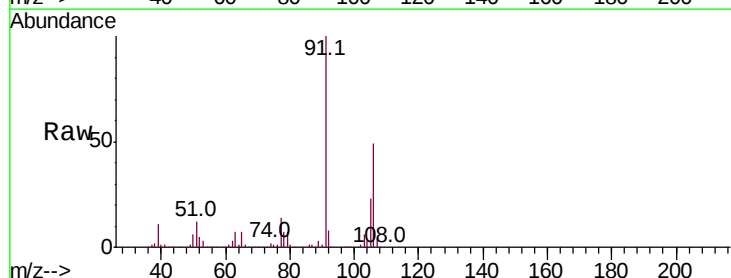
Manual Integrations
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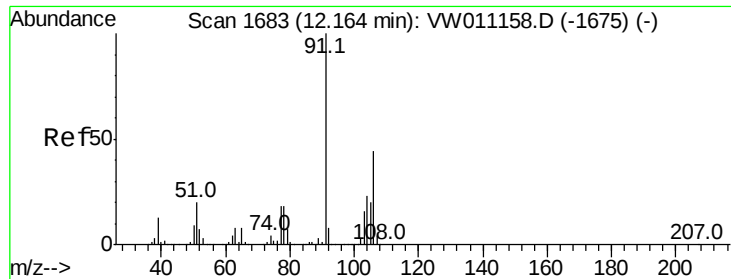
MMDadoda
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#68
m/p-Xylenes
Concen: 40.338 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Lower	Upper
106	100		
91	207.1	167.7	251.5





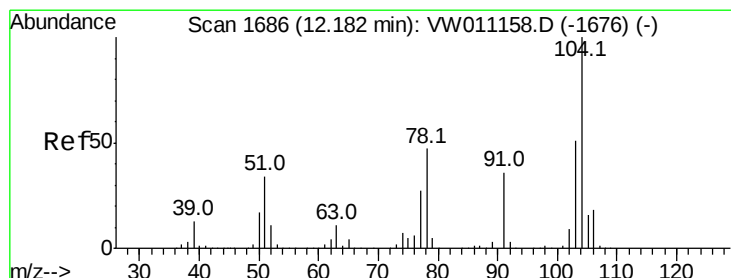
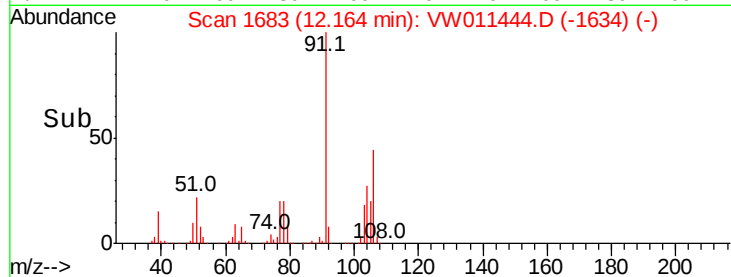
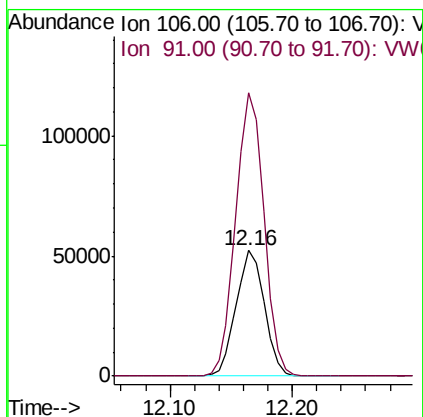
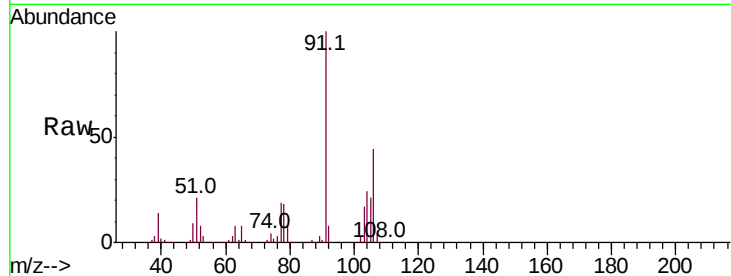
#69
o-Xylene
Concen: 19.748 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

Tot Ion:106 Resp: 84120
Ion Ratio Lower Upper
106 100
91 225.0 110.7 332.1

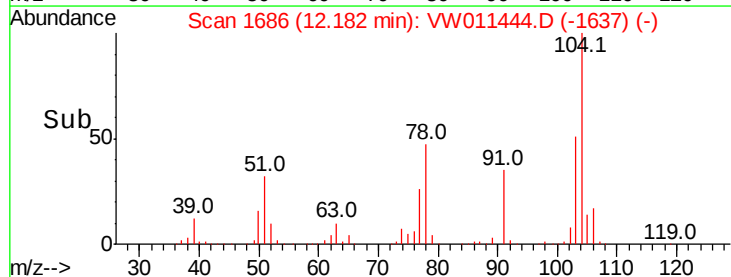
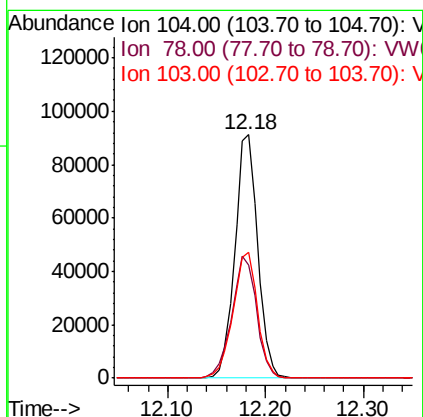
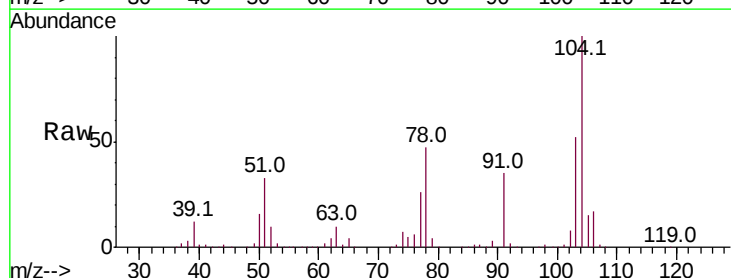
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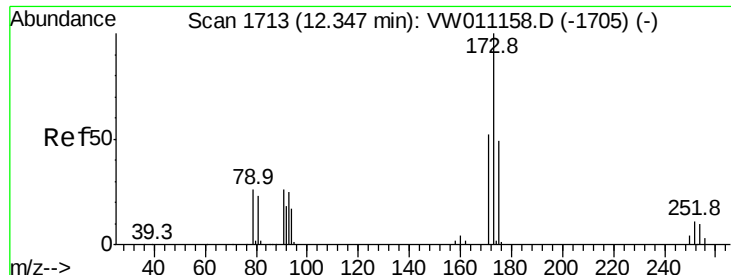
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#70
Styrene
Concen: 20.093 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion:104 Resp: 147712
Ion Ratio Lower Upper
104 100
78 54.0 43.1 64.7
103 55.4 44.1 66.1





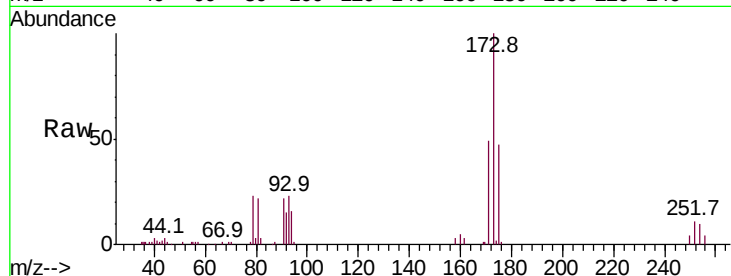
#71
Bromoform
Concen: 18.357 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

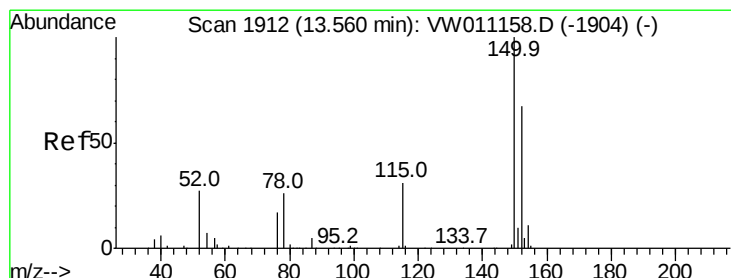
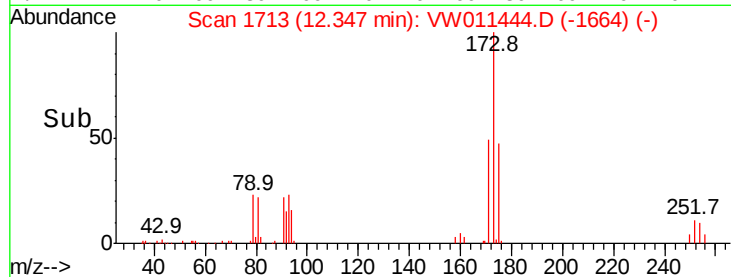
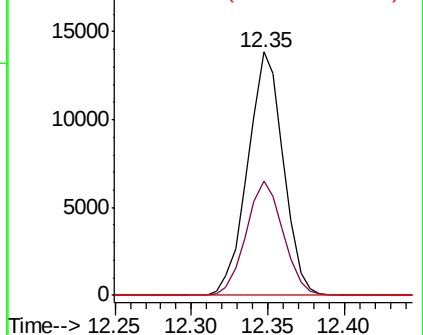
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.8	74.3
254	0.0	0.0	0.0

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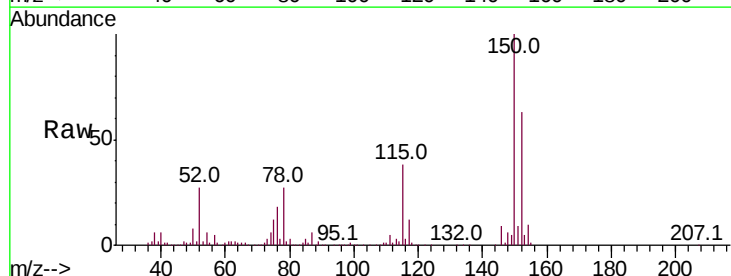


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

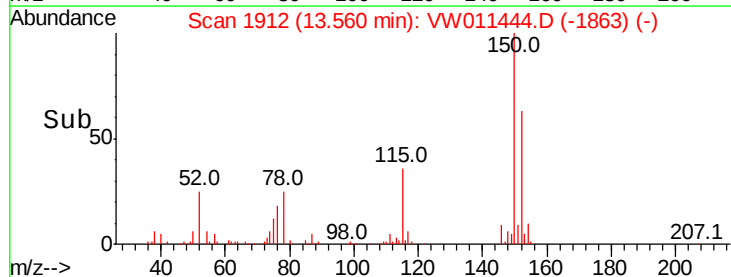
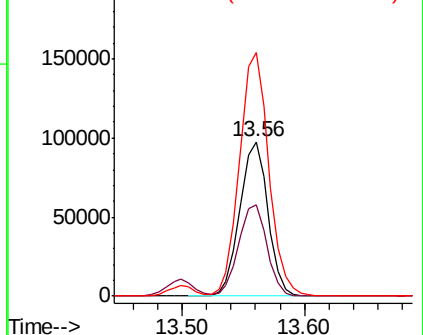


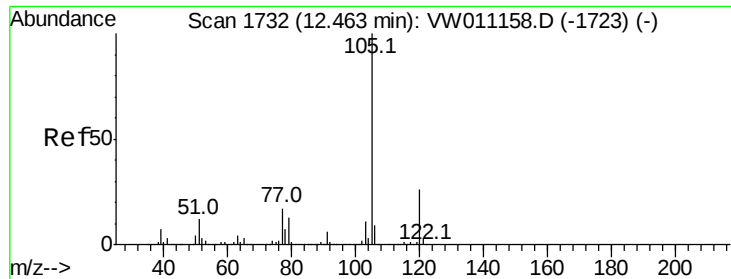
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.1	90.3
150	164.7	0.0	346.0



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: 20.369 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBS01

Tot Ion:105 Resp: 236209

Ion Ratio Lower Upper

105 100

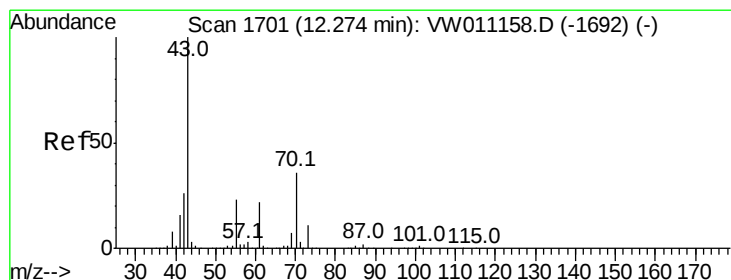
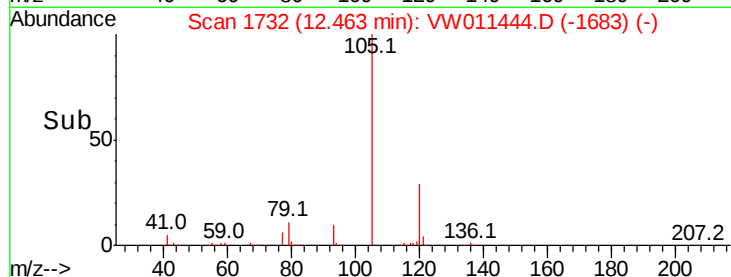
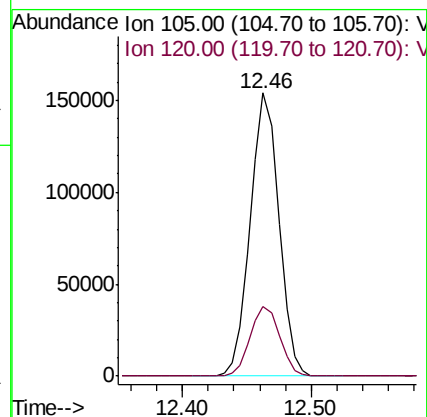
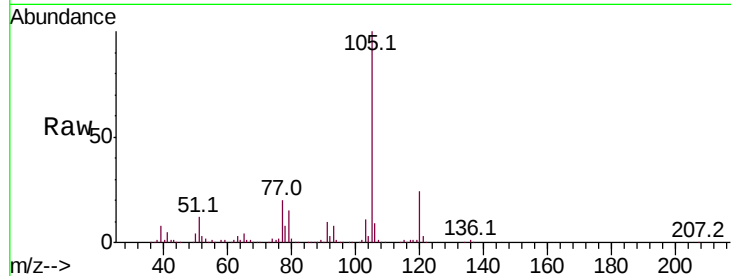
120 25.5 12.8 38.3

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#74

N-ethyl acetate

Concen: 17.096 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Tgt Ion: 43 Resp: 69049

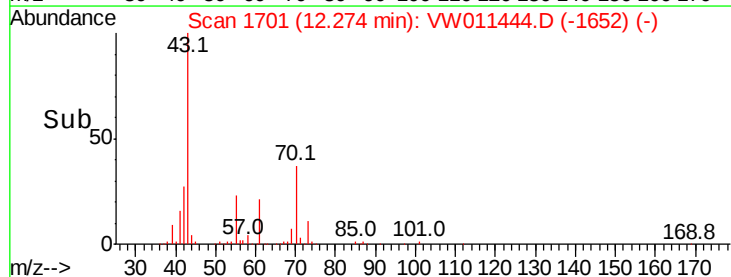
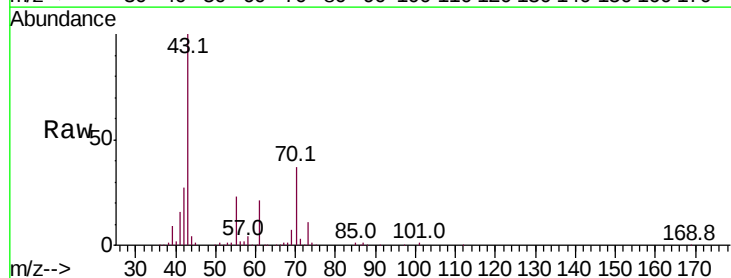
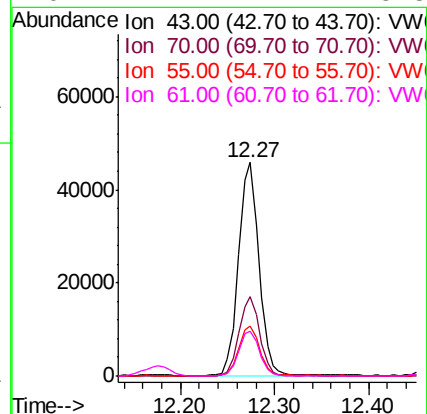
Ion Ratio Lower Upper

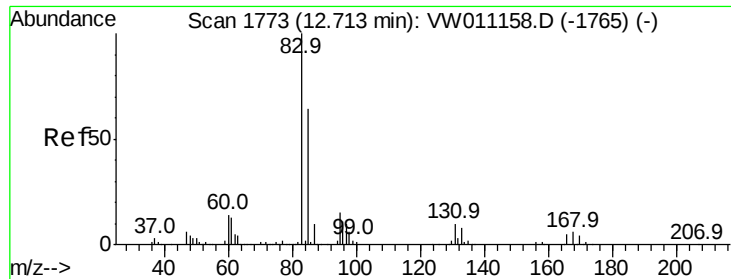
43 100

70 37.2 28.5 42.7

55 24.2 18.1 27.1

61 21.7 17.2 25.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.799 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

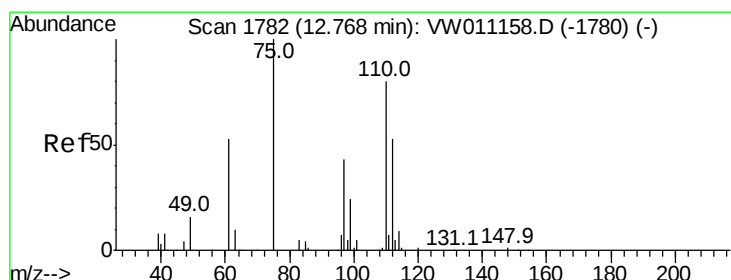
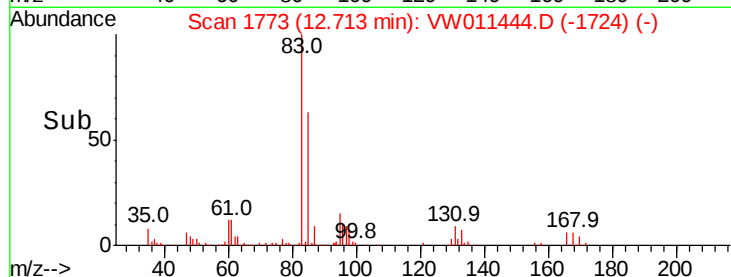
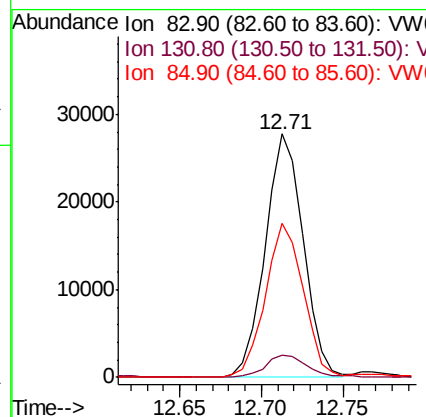
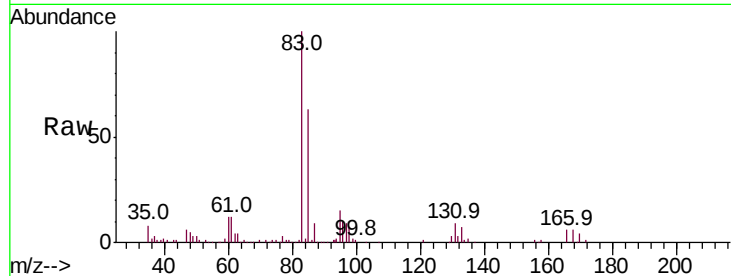
ClientSampleId :

VW0724SBS01

Tot Ion:	83	Resp:	44689
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	63.1	31.6	94.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.591 ug/l m

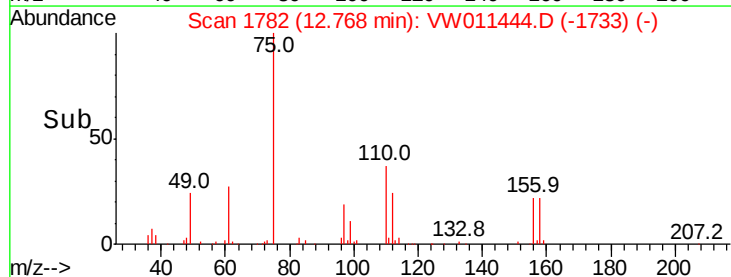
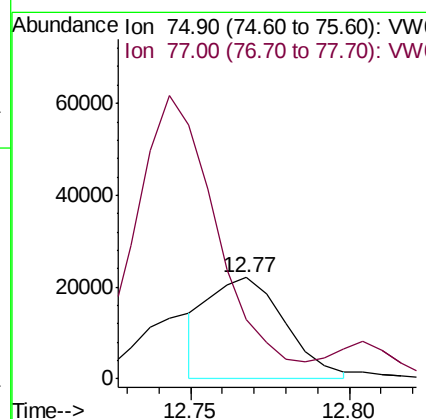
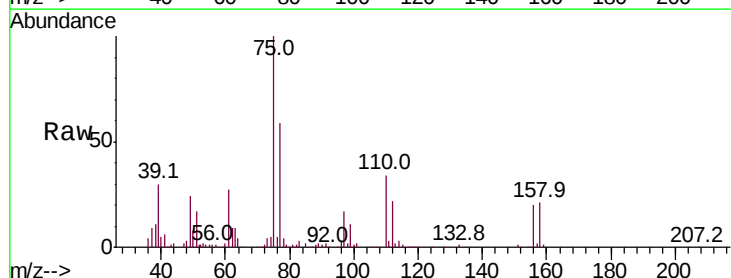
RT: 12.77 min Scan# 1782

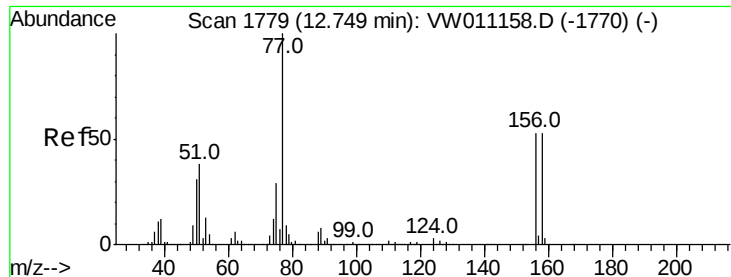
Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Tgt Ion:	75	Resp:	36915
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.987 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBS01

Tot Ion:156 Resp: 52017

Ion Ratio Lower Upper

156 100

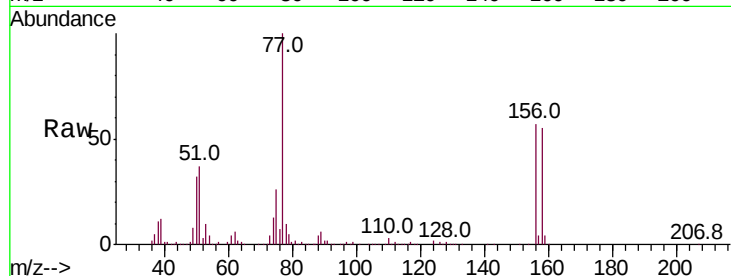
77 215.7 109.0 327.0

158 99.0 48.8 146.3

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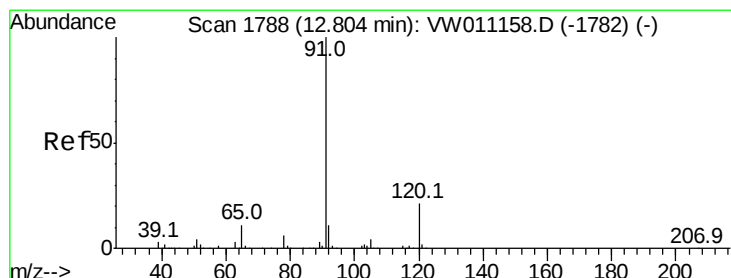
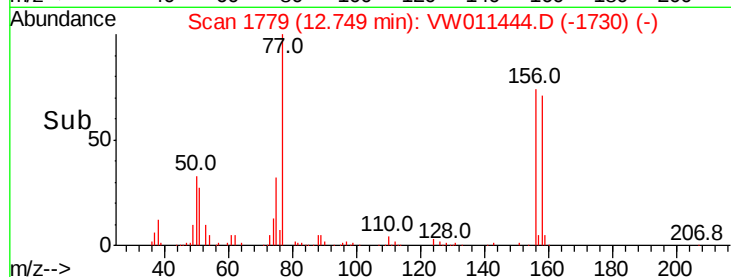
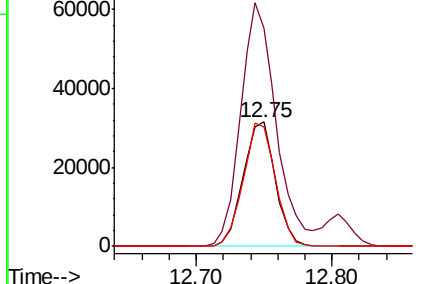
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.970 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011444.D

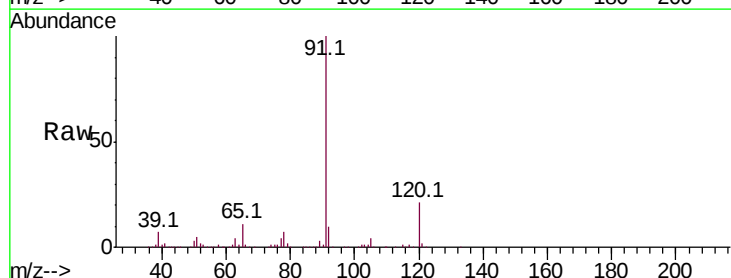
Acq: 23 Jul 2019 21:21

Tgt Ion: 91 Resp: 285277

Ion Ratio Lower Upper

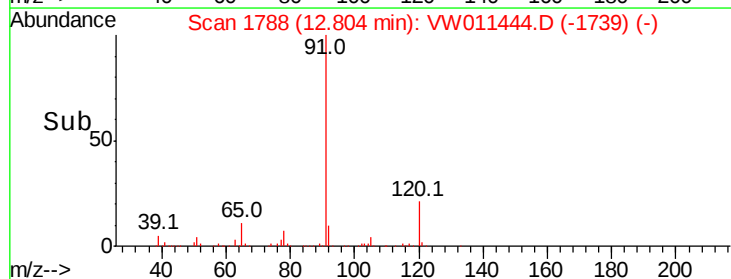
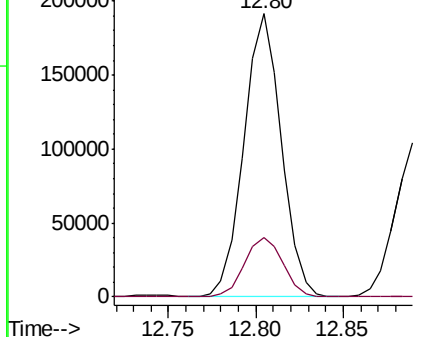
91 100

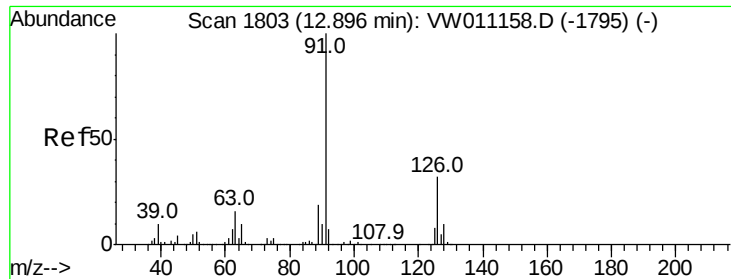
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.208 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBS01

Tot Ion: 91 Resp: 166123

Ion Ratio Lower Upper

91 100

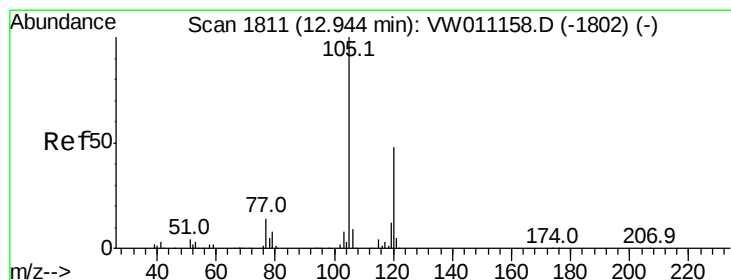
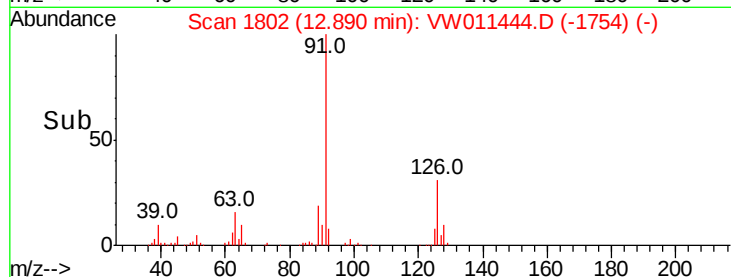
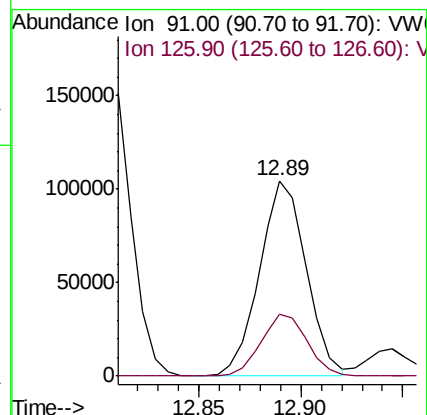
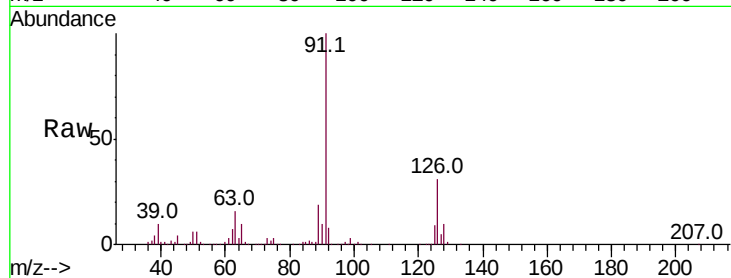
126 31.5 15.8 47.3

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#80

1,3,5-Trimethylbenzene

Concen: 20.319 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011444.D

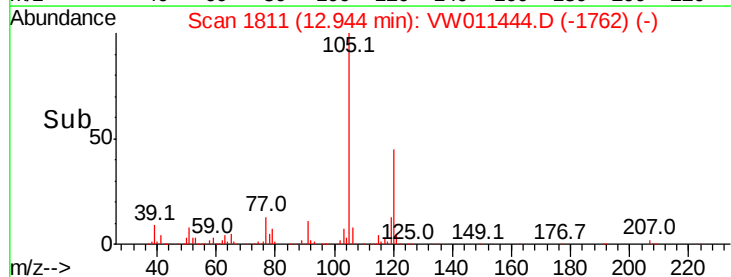
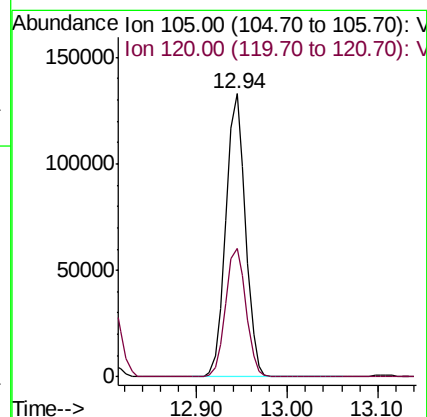
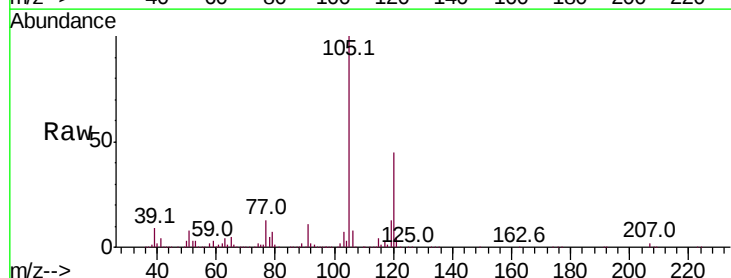
Acq: 23 Jul 2019 21:21

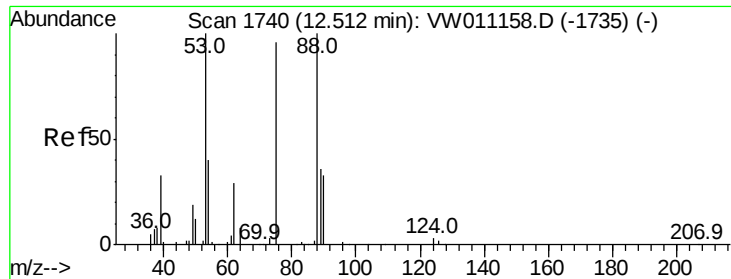
Tgt Ion:105 Resp: 200187

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.2





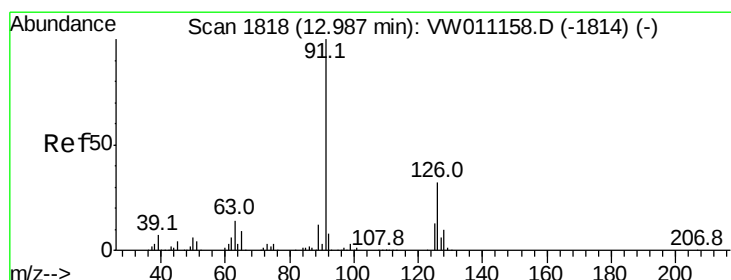
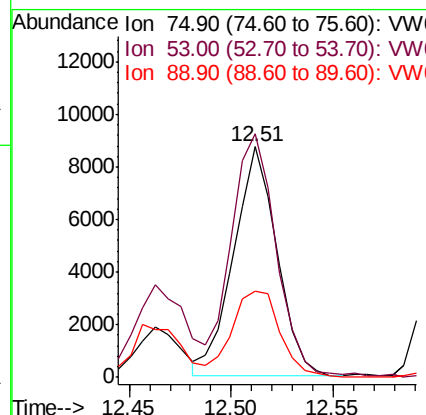
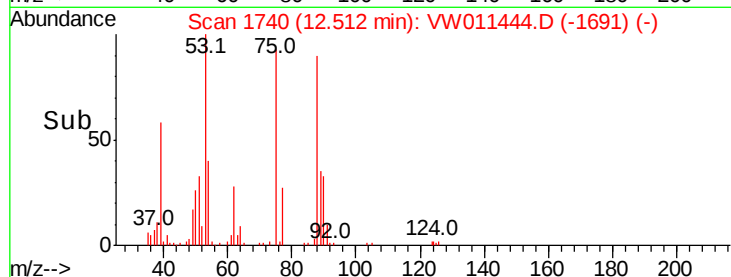
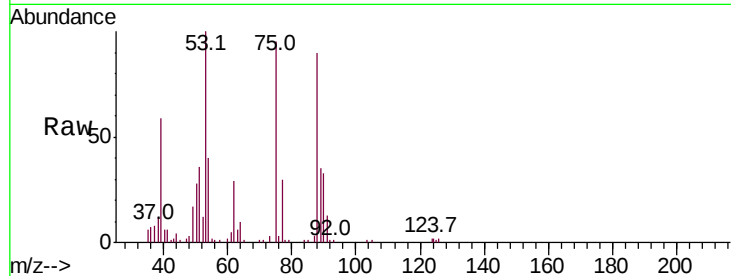
#81
trans-1,4-Dichloro-2-butene
Concen: 15.993 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.9	89.8	134.6
89	42.3	34.3	51.5

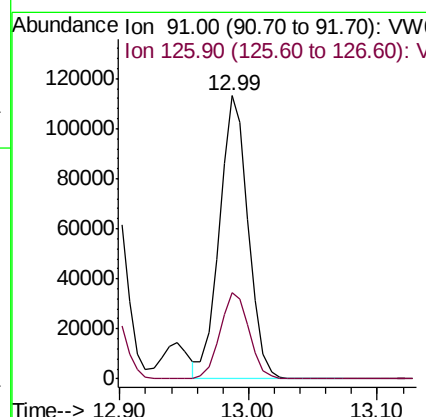
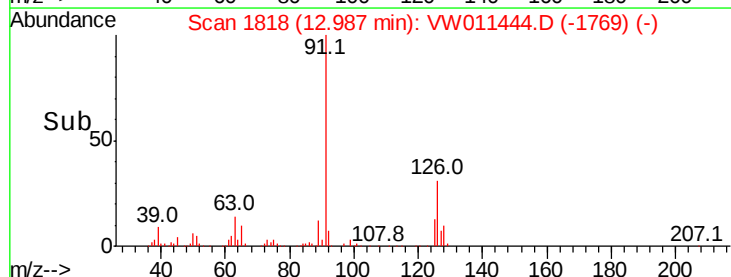
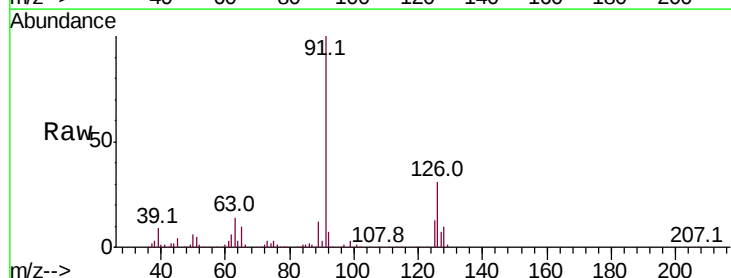
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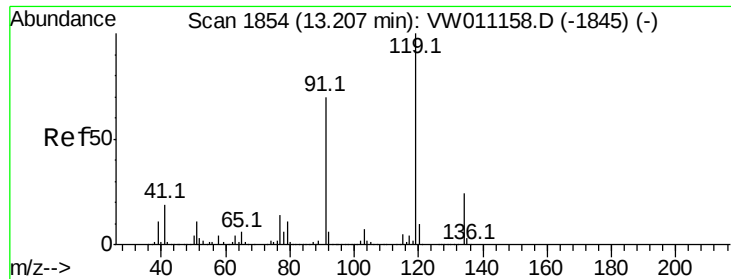
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#82
4-Chlorotoluene
Concen: 20.679 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.7	47.1





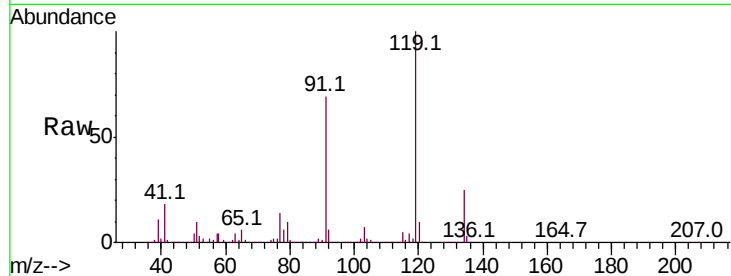
#83
tert-Butylbenzene
Concen: 20.201 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

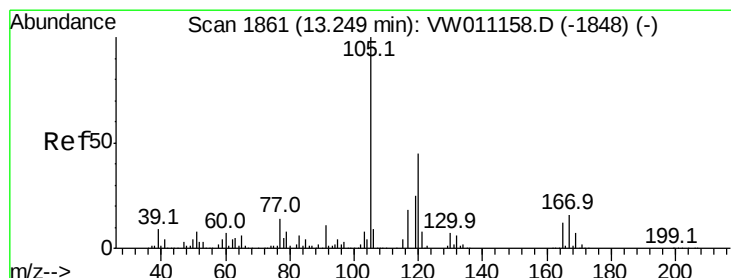
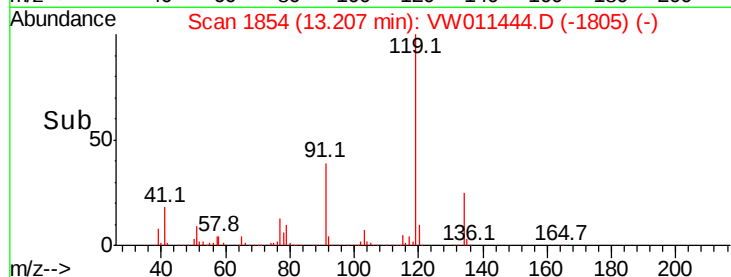
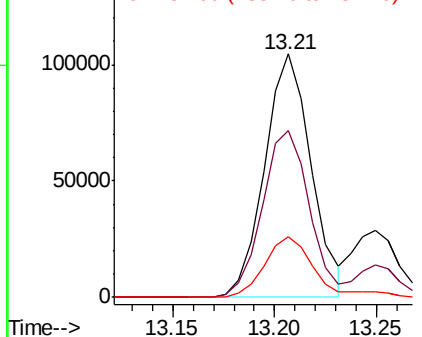
Tot Ion	Ratio	Resp	Lower	Upper
119	100	165981		
91	69.2	35.4	106.3	
134	27.2	13.4	40.2	

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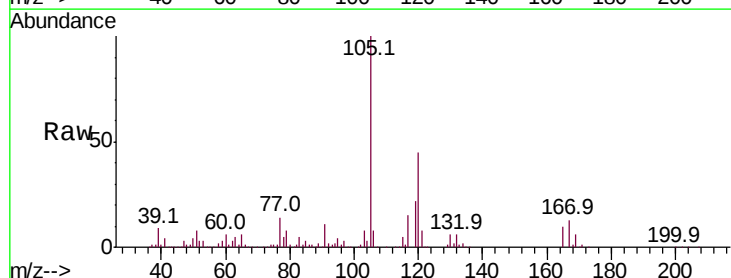


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

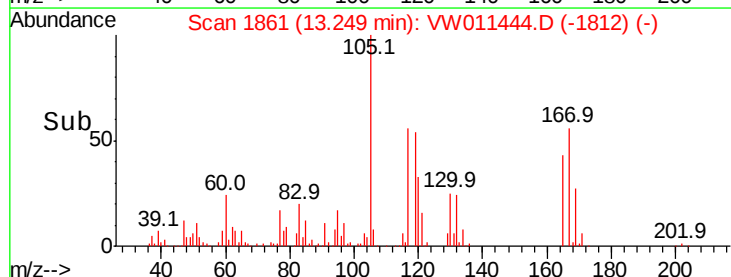
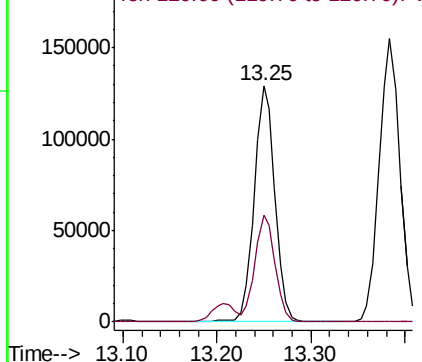


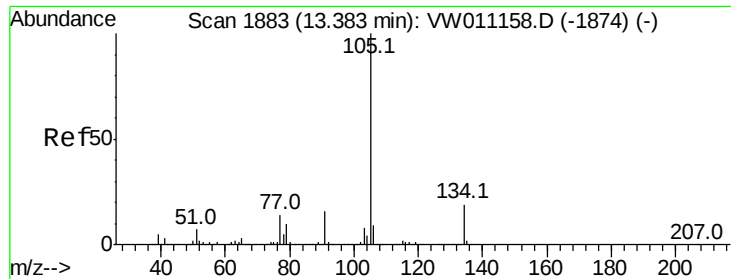
#84
1,2,4-Trimethylbenzene
Concen: 20.249 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	200317		
120	44.1	22.3	66.9	



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





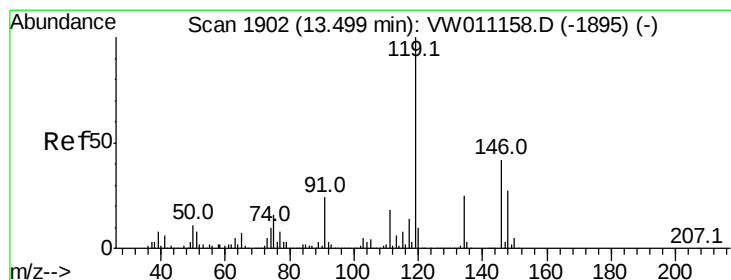
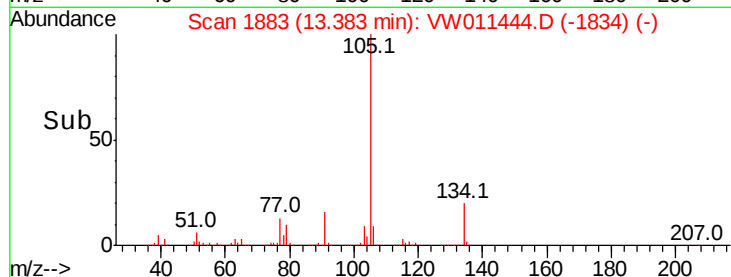
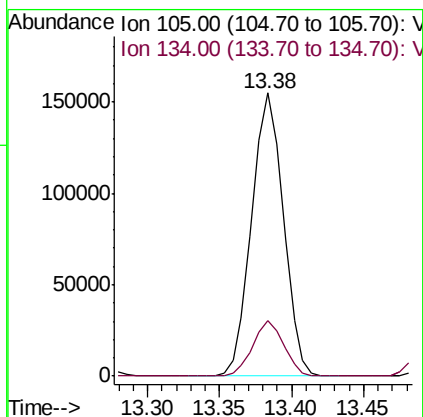
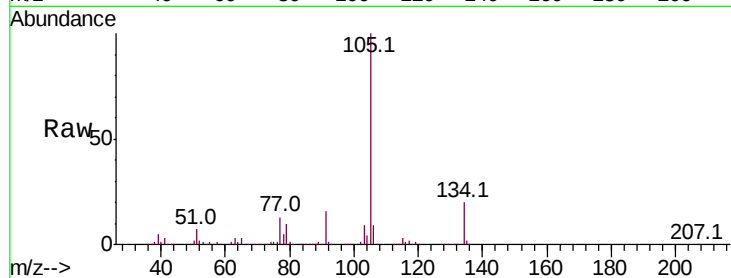
#85
 sec-Butylbenzene
 Concen: 19.945 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011444.D
 Acq: 23 Jul 2019 21:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	236468		
134	19.1	9.7	28.9	

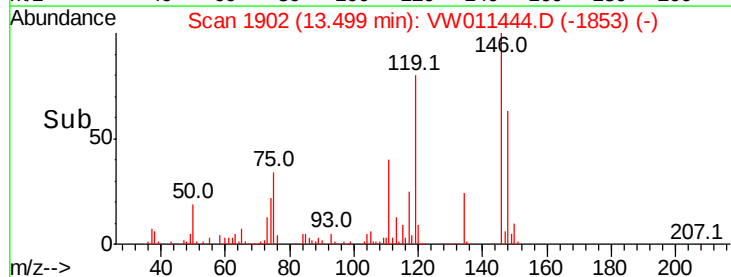
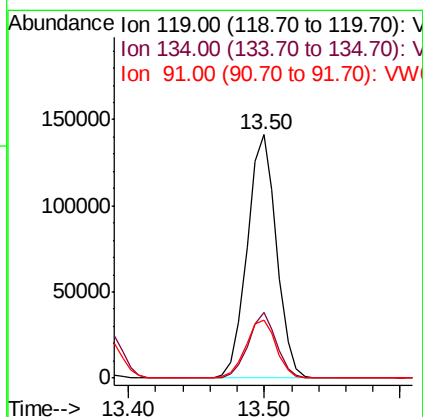
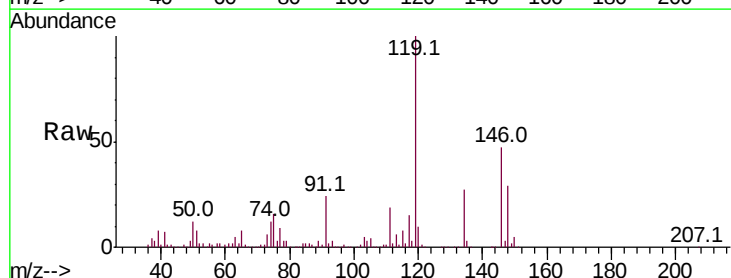
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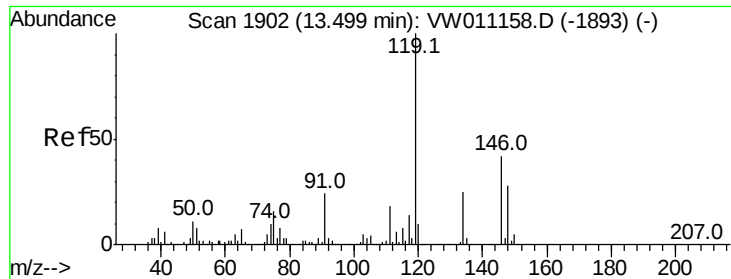
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#86
 p-Isopropyltoluene
 Concen: 19.928 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011444.D
 Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	211910		
134	25.8	12.9	38.6	
91	24.7	12.3	36.8	





#87

1,3-Dichlorobenzene

Concen: 20.382 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

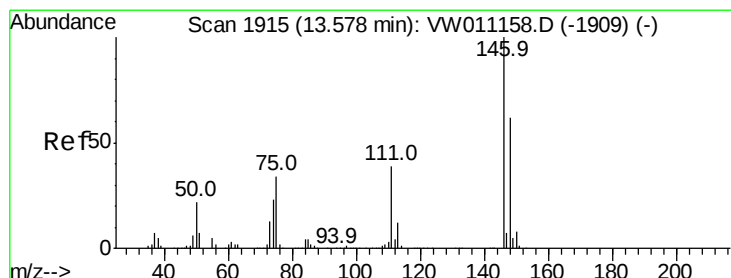
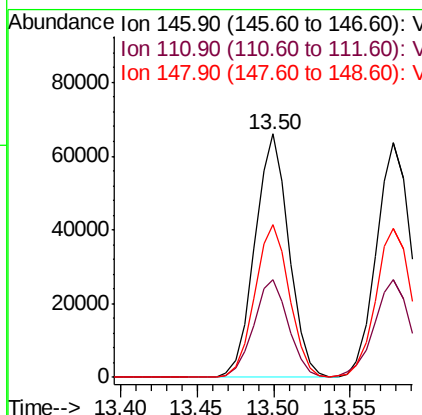
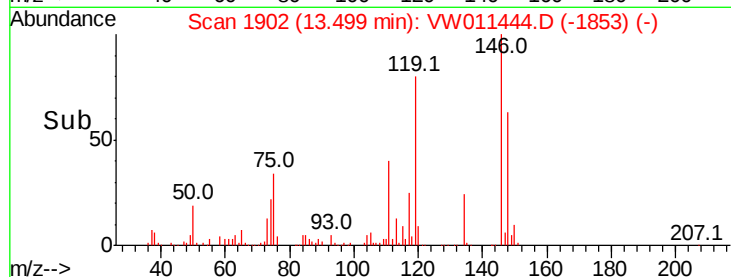
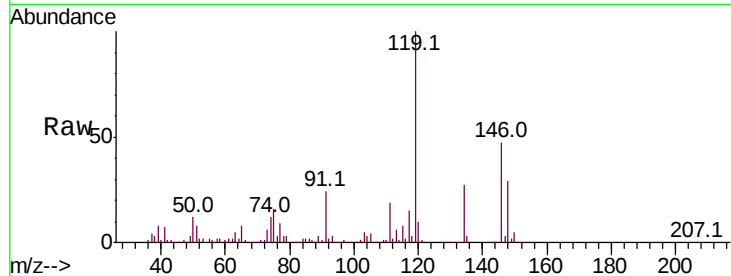
Instrument :
MSVOA_W

ClientSampleId :
VW0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	102058		
111	41.1	21.1	63.1	
148	63.7	32.6	97.7	

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#88

1,4-Dichlorobenzene

Concen: 20.017 ug/l

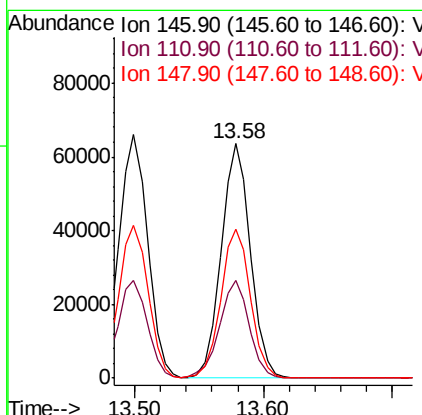
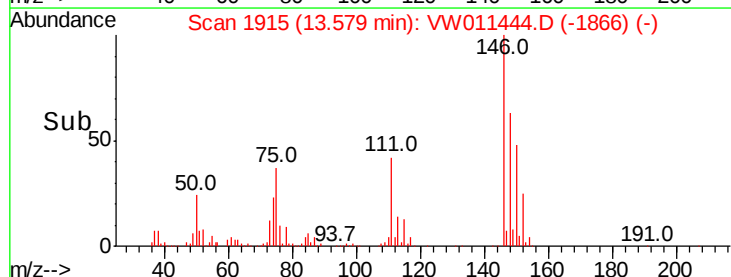
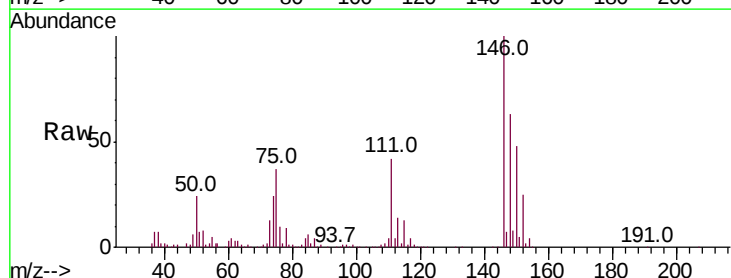
RT: 13.58 min Scan# 1915

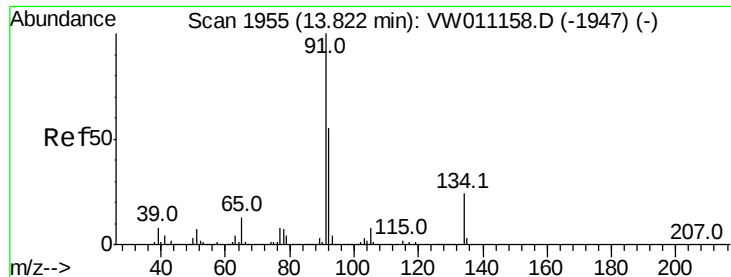
Delta R.T. 0.00 min

Lab File: VW011444.D

Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	100927		
111	42.7	19.9	59.7	
148	64.6	31.5	94.5	





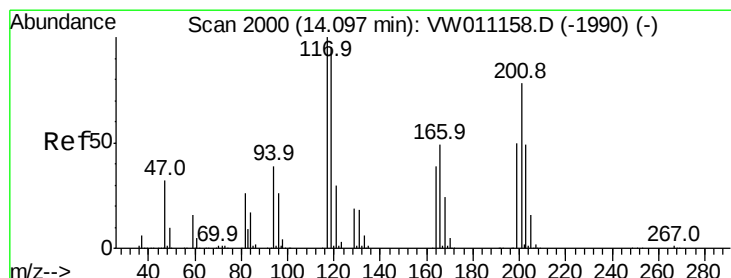
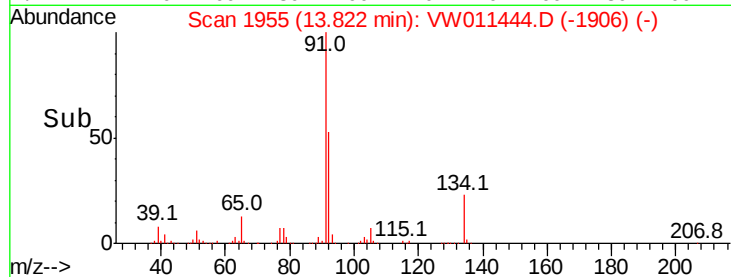
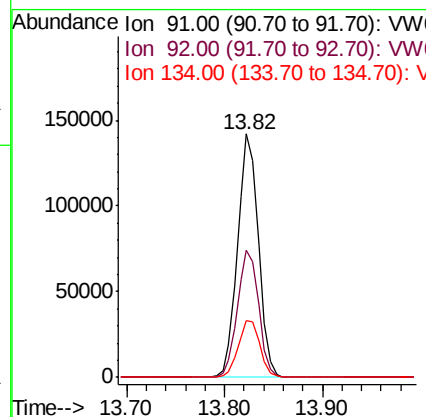
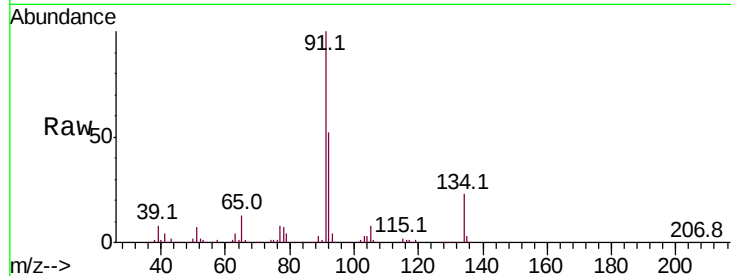
#89
n-Butylbenzene
Concen: 19.718 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	209167		
92	53.3		26.9	80.7
134	24.3		12.2	36.4

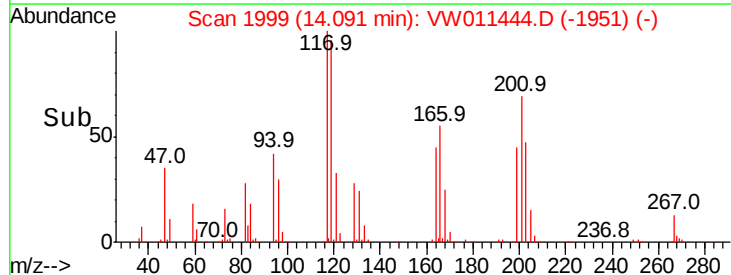
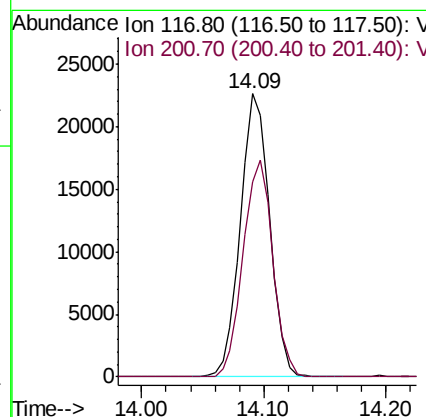
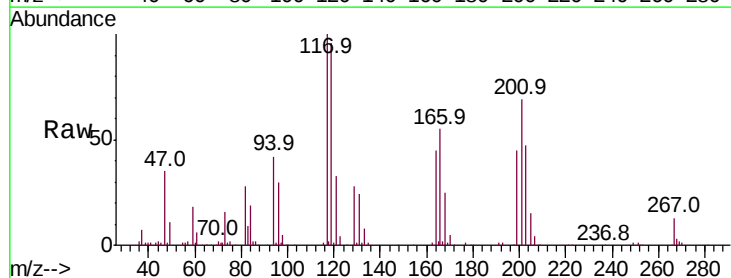
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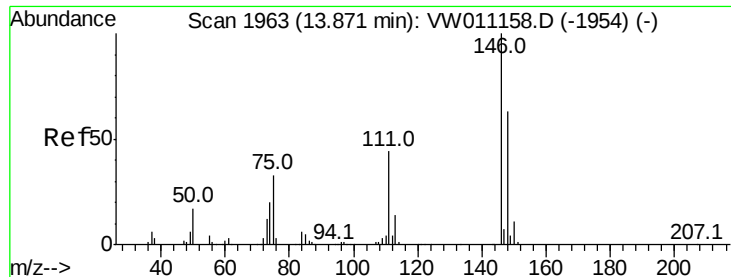
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#90
Hexachloroethane
Concen: 19.262 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.01 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37429		
201	77.8		38.3	114.8





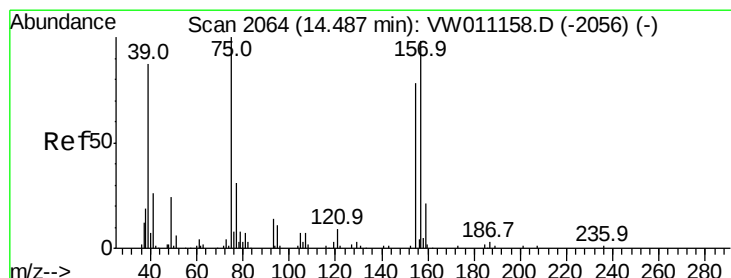
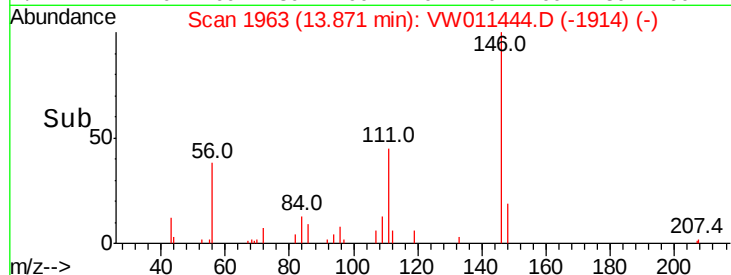
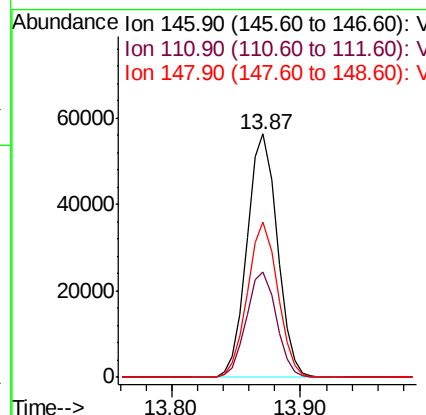
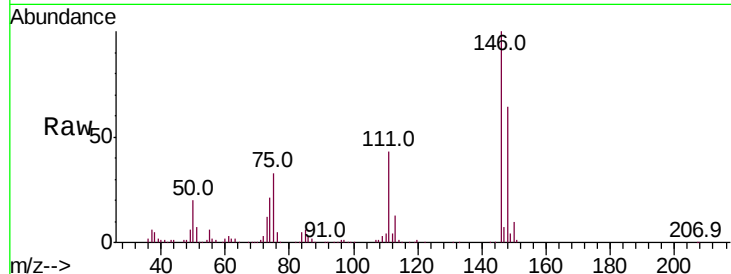
#91
 1,2-Dichlorobenzene
 Concen: 20.085 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011444.D
 Acq: 23 Jul 2019 21:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.6	65.0
148	63.9	31.9	95.5

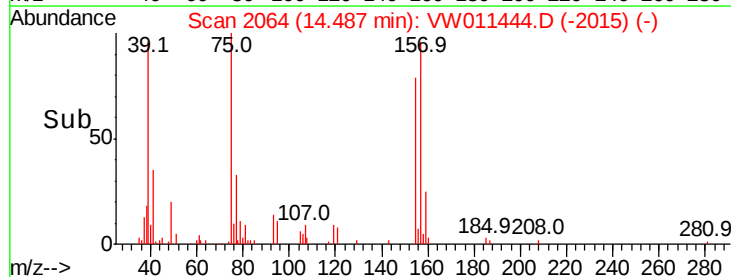
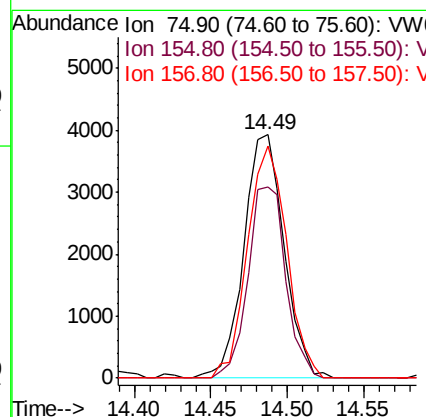
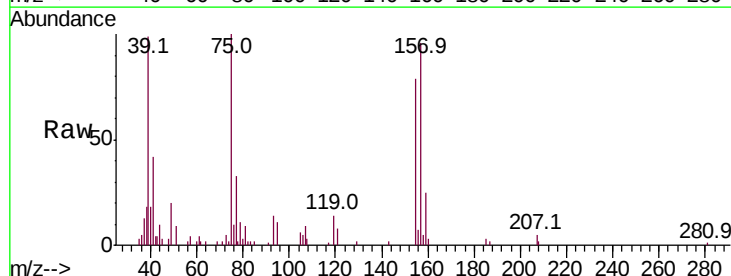
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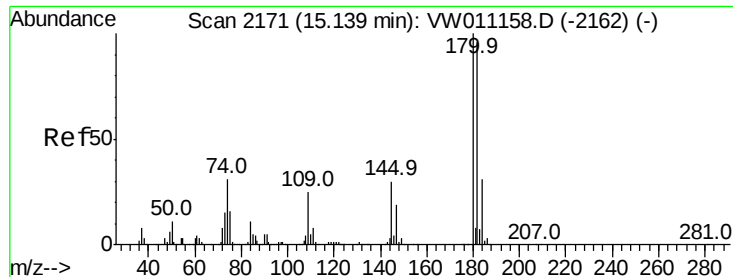
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.033 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011444.D
 Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.8	37.1	111.3
157	93.0	48.5	145.6





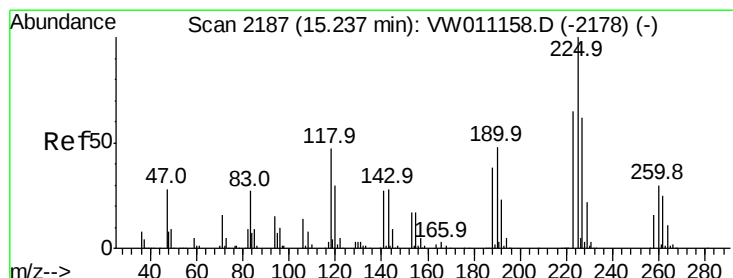
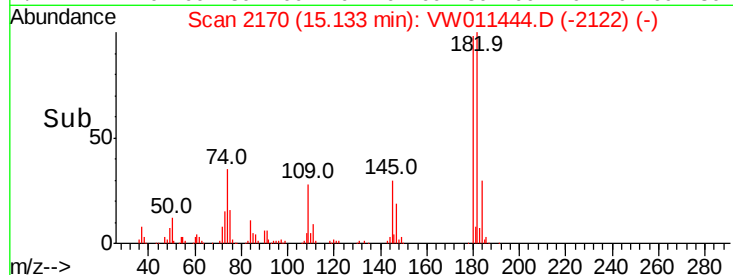
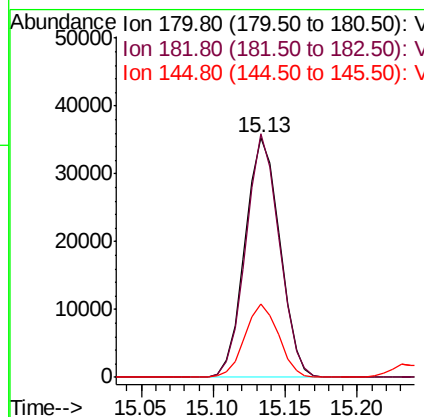
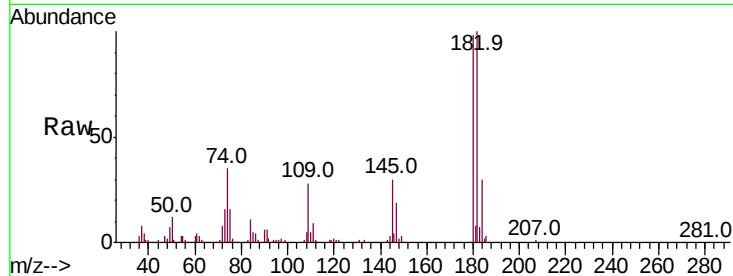
#93
1,2,4-Trichlorobenzene
Concen: 18.937 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.01 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.6	48.3	144.9	
145	29.7	15.5	46.5	

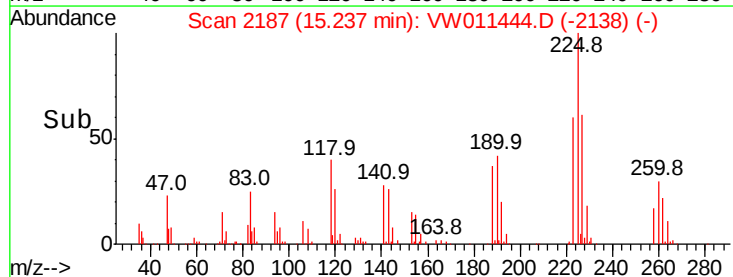
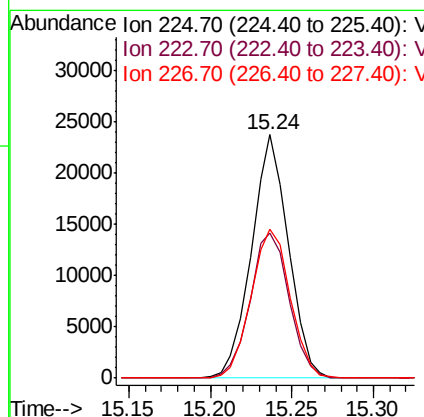
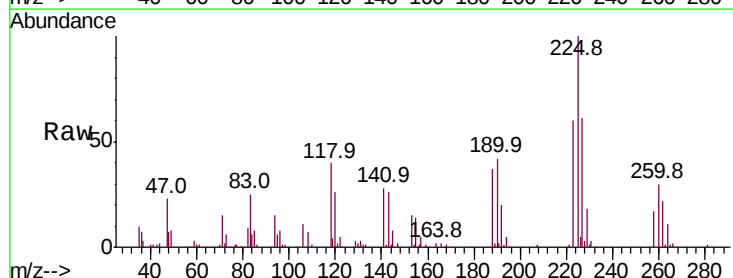
Manual Integrations
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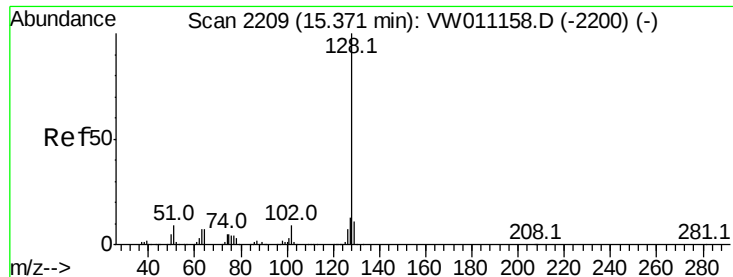
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#94
Hexachlorobutadiene
Concen: 19.360 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	31.6	95.0	
227	65.1	32.0	96.0	





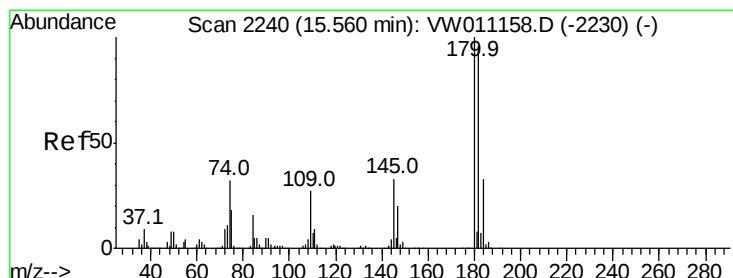
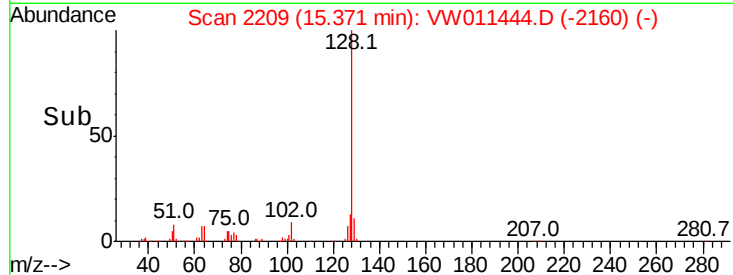
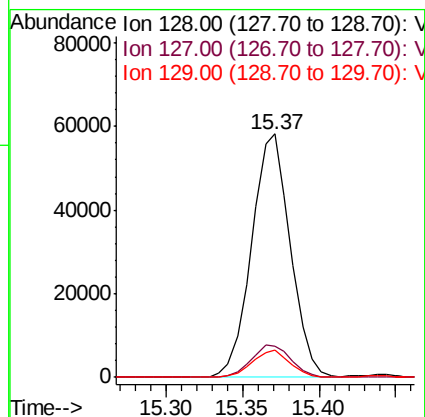
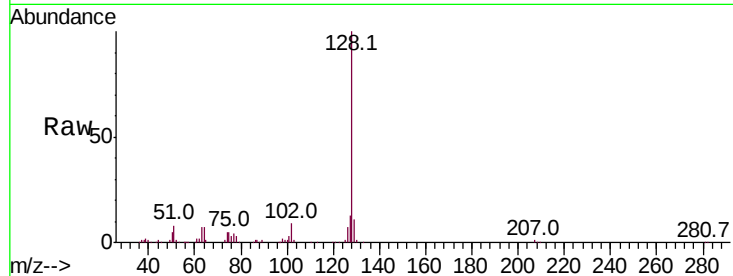
#95
Naphthalene
Concen: 17.083 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	102423		
127	13.7		10.6	16.0
129	11.1		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.656 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011444.D
Acq: 23 Jul 2019 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	51517		
182	94.4		47.6	142.8
145	32.0		16.5	49.5

