

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010342.D
 Acq On : 09 May 2019 17:48
 Operator : SY/VA
 Sample : VW0509SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 10:07:53 AM

Quant Time: May 10 03:17:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:55:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1446088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2375613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	2176268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	1100080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	819324	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
35) Dibromofluoromethane	7.88	113	714125	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
50) Toluene-d8	10.32	98	2857024	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.62	95	1045933	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	193319	17.695	ug/l	98
3) Chloromethane	2.21	50	265287	17.921	ug/l	95
4) Vinyl Chloride	2.37	62	343784	18.687	ug/l	98
5) Bromomethane	2.78	94	200924	18.940	ug/l	97
6) Chloroethane	2.92	64	204726	19.243	ug/l	95
7) Trichlorofluoromethane	3.25	101	149037	16.183	ug/l	98
8) Diethyl Ether	3.67	74	174780	21.588	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	288874	19.143	ug/l	98
10) Methyl Iodide	4.26	142	419854	19.647	ug/l	94
11) Tert butyl alcohol	5.18	59	107029	98.579	ug/l	100
12) 1,1-Dichloroethene	4.03	96	302939	19.212	ug/l	97
13) Acrolein	3.89	56	122309	85.326	ug/l	94
14) Allyl chloride	4.66	41	457917	19.454	ug/l	91
15) Acrylonitrile	5.36	53	411493	91.699	ug/l	98
16) Acetone	4.12	43	372275	92.886	ug/l	93
17) Carbon Disulfide	4.38	76	889515	18.652	ug/l	99
18) Methyl Acetate	4.67	43	186911	18.828	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	416994	22.214	ug/l	98
20) Methylene Chloride	4.92	84	341296	20.417	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	338533	19.945	ug/l	94
22) Diisopropyl ether	6.31	45	1070251	23.428	ug/l	94
23) Vinyl Acetate	6.25	43	3398091	108.332	ug/l	96
24) 1,1-Dichloroethane	6.21	63	643114	20.910	ug/l	99
25) 2-Butanone	7.17	43	583494	95.167	ug/l	99
26) 2,2-Dichloropropane	7.17	77	306797	20.049	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	365443	20.936	ug/l	97
28) Bromochloromethane	7.51	49	284038	25.050	ug/l	98
29) Tetrahydrofuran	7.53	42	377580	95.211	ug/l	97
30) Chloroform	7.67	83	613023	21.298	ug/l	100
31) Cyclohexane	7.95	56	615215	19.536	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	446887	20.044	ug/l	100
36) 1,1-Dichloropropene	8.08	75	500154	19.417	ug/l	100
37) Ethyl Acetate	7.25	43	255691	18.644	ug/l	97
38) Carbon Tetrachloride	8.07	117	424517	19.226	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:55:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	594611	18.870	ug/l	97
40) Benzene	8.32	78	1433027	20.314	ug/l	99
41) Methacrylonitrile	7.49	41	141299	18.371	ug/l	94
42) 1,2-Dichloroethane	8.40	62	432389	21.414	ug/l	97
43) Isopropyl Acetate	8.43	43	452852	19.910	ug/l	97
44) Trichloroethene	9.09	130	349076	19.766	ug/l	95
45) 1,2-Dichloropropane	9.37	63	376794	21.488	ug/l	96
46) Dibromomethane	9.46	93	188274	20.784	ug/l	98
47) Bromodichloromethane	9.64	83	456667	21.016	ug/l	97
48) Methyl methacrylate	9.44	41	212638	19.772	ug/l	87
49) 1,4-Dioxane	9.45	88	63229	400.248	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	1288773	98.815	ug/l	95
52) Toluene	10.38	92	909954	21.104	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	465848	21.165	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	553721	21.242	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	267984	20.828	ug/l	97
56) Ethyl methacrylate	10.65	69	355822	20.943	ug/l #	89
57) 1,3-Dichloropropane	10.93	76	486725	21.161	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	885516	108.856	ug/l	99
59) 2-Hexanone	10.97	43	889381	96.448	ug/l	94
60) Dibromochloromethane	11.13	129	287702	20.780	ug/l	98
61) 1,2-Dibromoethane	11.24	107	255491	20.686	ug/l	99
64) Tetrachloroethene	10.86	164	294363	19.352	ug/l	97
65) Chlorobenzene	11.66	112	925056	20.534	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	318553	20.921	ug/l	97
67) Ethyl Benzene	11.73	91	1710311	20.637	ug/l	98
68) m/p-Xylenes	11.84	106	1269897	41.242	ug/l	99
69) o-Xylene	12.16	106	575829	20.673	ug/l	99
70) Styrene	12.18	104	1026049	21.141	ug/l	99
71) Bromoform	12.35	173	167625	19.258	ug/l #	97
73) Isopropylbenzene	12.47	105	1577338	19.671	ug/l	100
74) N-amyl acetate	12.27	43	423346	20.436	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	345803	19.573	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	240853m	18.778	ug/l	
77) Bromobenzene	12.75	156	363617	20.083	ug/l	95
78) n-propylbenzene	12.80	91	1993567	20.130	ug/l	100
79) 2-Chlorotoluene	12.90	91	1133453	20.097	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1402535	20.748	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	103524	18.228	ug/l	93
82) 4-Chlorotoluene	12.99	91	1195719	20.235	ug/l	99
83) tert-Butylbenzene	13.21	119	1110172	19.689	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1449417	21.577	ug/l	99
85) sec-Butylbenzene	13.38	105	1644695	19.759	ug/l	100
86) p-Isopropyltoluene	13.50	119	1484373	20.085	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	772438	21.366	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	734897	20.483	ug/l	99
89) n-Butylbenzene	13.83	91	1468967	19.823	ug/l	98
90) Hexachloroethane	14.10	117	257179	18.762	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	685006	21.404	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	57373	18.033	ug/l	96

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu May 09 13:55:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	491408	22.498	ug/l	99
94) Hexachlorobutadiene	15.24	225	270604	19.325	ug/l	99
95) Naphthalene	15.37	128	895049	20.242	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	414646	21.014	ug/l	99

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

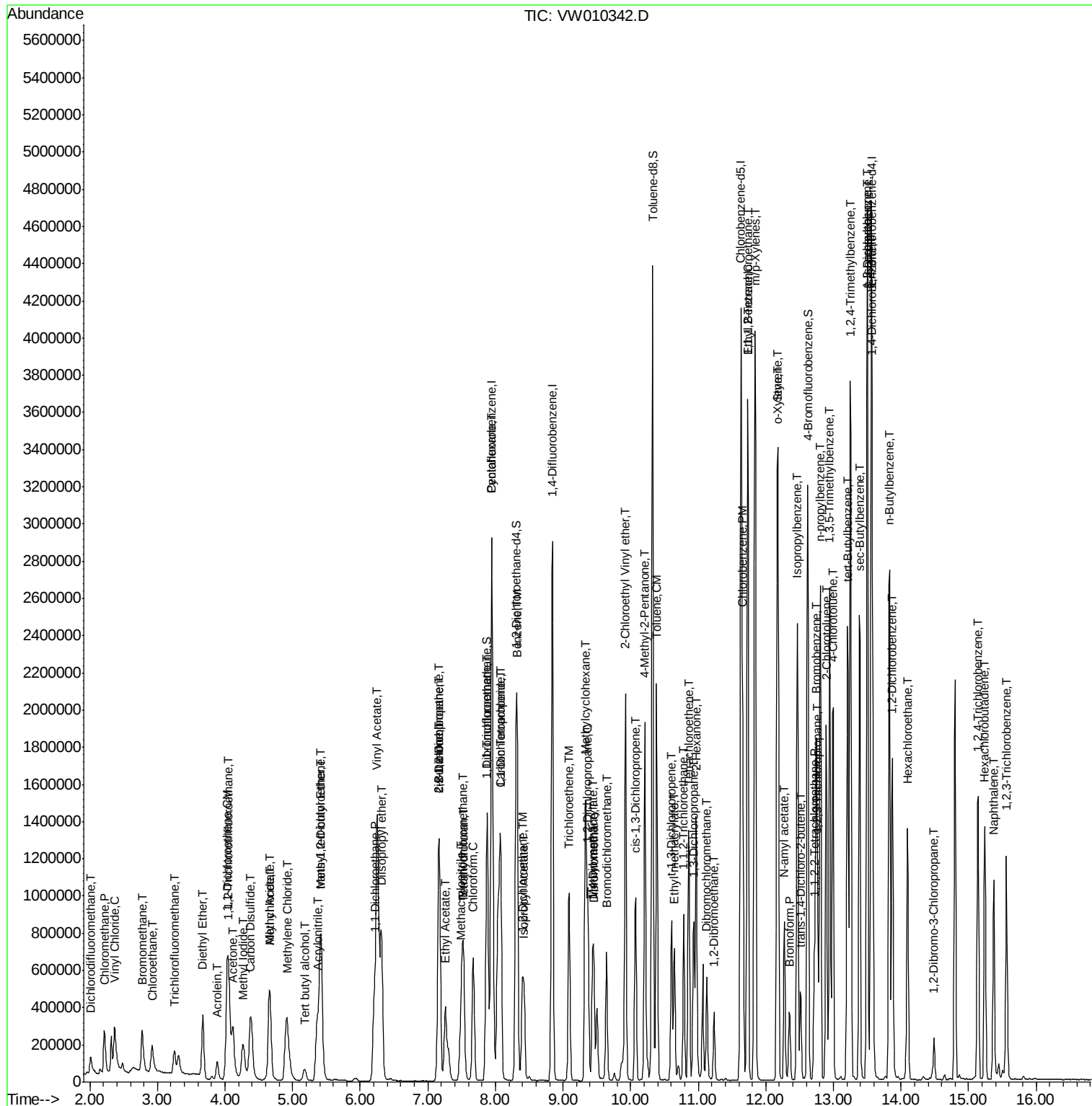
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010342.D
 Acq On : 09 May 2019 17:48
 Operator : SY/VA
 Sample : VW0509SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

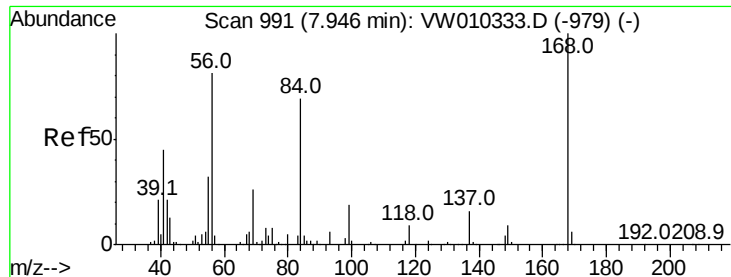
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBSD01

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#1

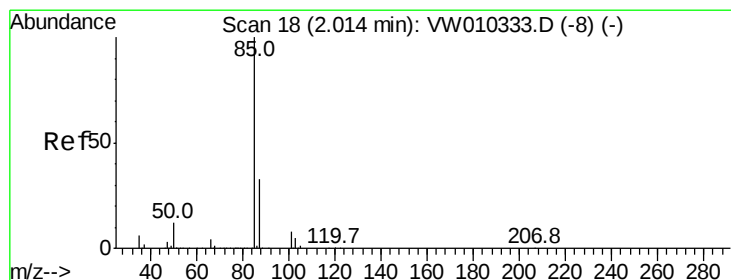
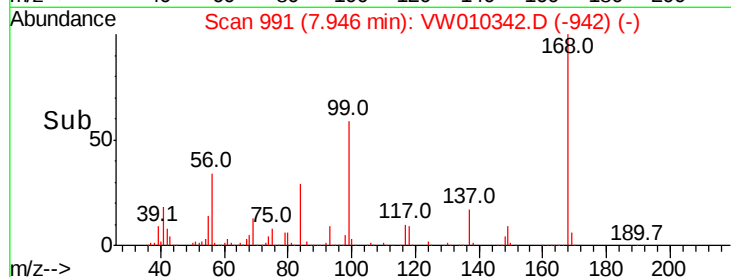
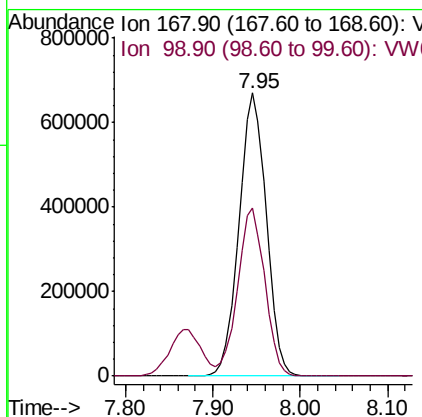
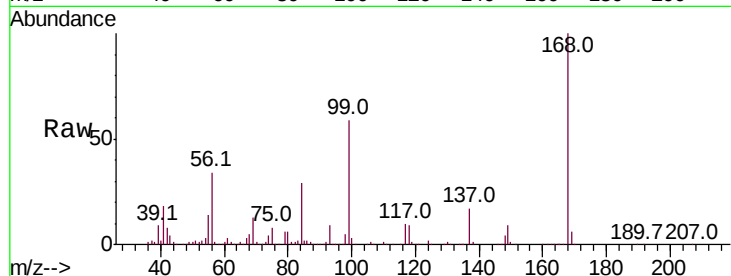
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: VW010342.D
 Acq: 09 May 2019 17:48

Instrument :
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 ClientSampleId :
 VW0509SBS01

Tot Ion:168 Resp: 1446088
 Ion Ratio Lower Upper
 168 100
 99 59.3 48.4 72.6

Manual Integrations
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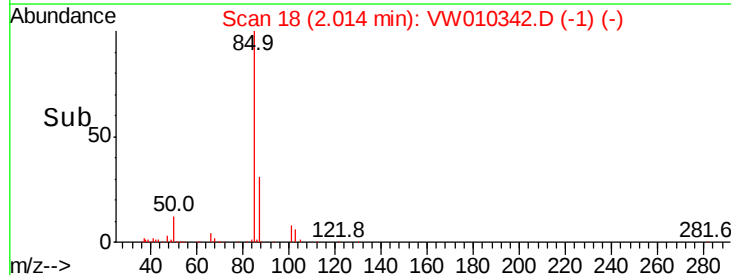
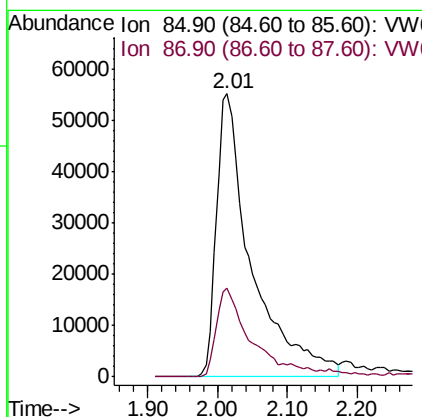
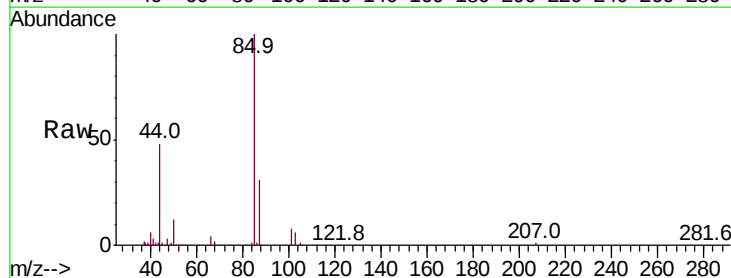
MMDadoda
 5/10/2019 10:07:53 AM

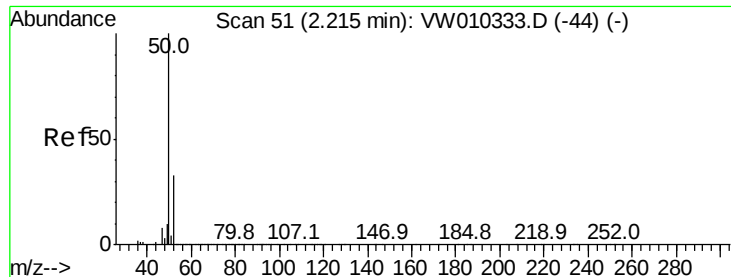


#2

Dichlorodifluoromethane
 Concen: 17.695 ug/l
 RT: 2.01 min Scan# 18
 Delta R.T. 0.00 min
 Lab File: VW010342.D
 Acq: 09 May 2019 17:48

Tgt Ion: 85 Resp: 193319
 Ion Ratio Lower Upper
 85 100
 87 31.4 16.3 48.9





#3

Chloromethane

Concen: 17.921 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBSD01

Tot Ion: 50 Resp: 265287

Ion Ratio Lower Upper

50 100

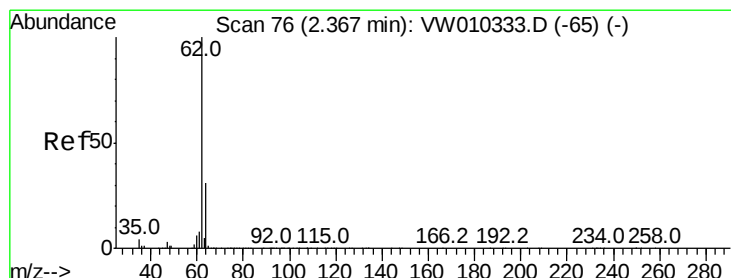
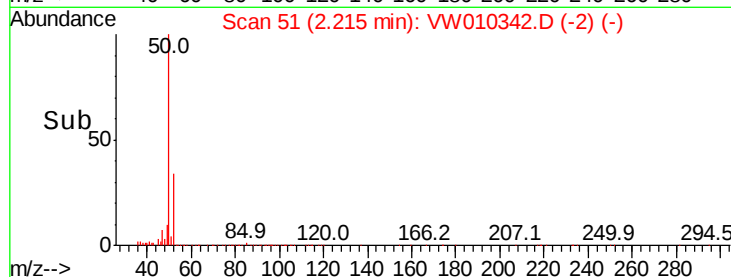
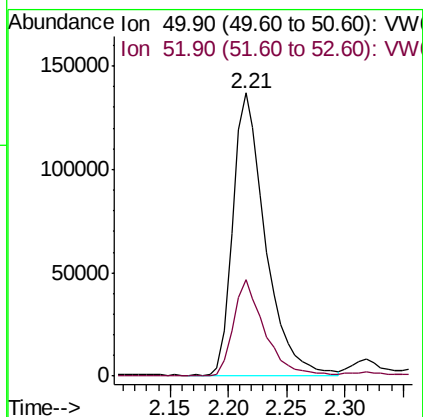
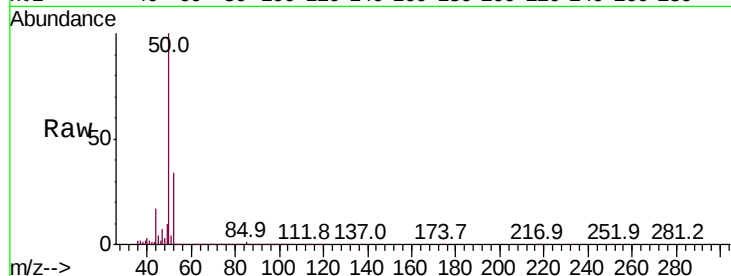
52 34.2 25.0 37.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.687 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW010342.D

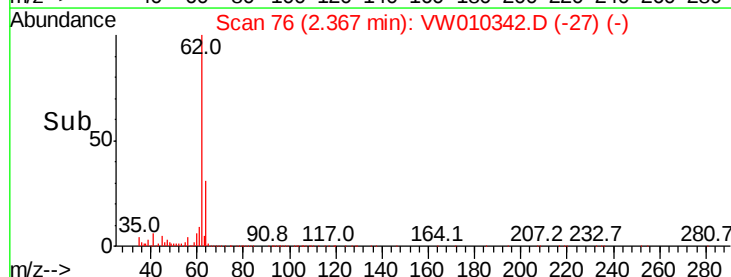
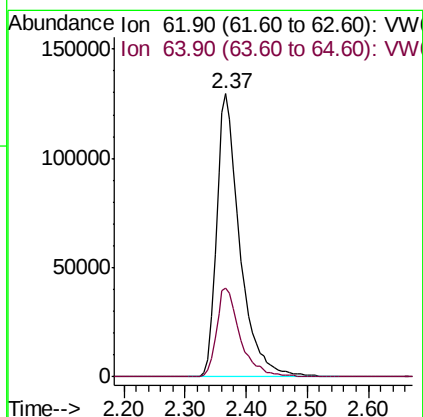
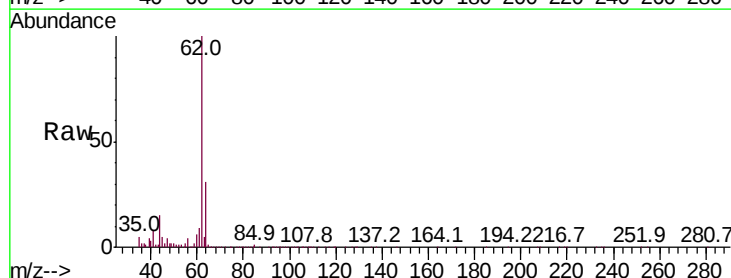
Acq: 09 May 2019 17:48

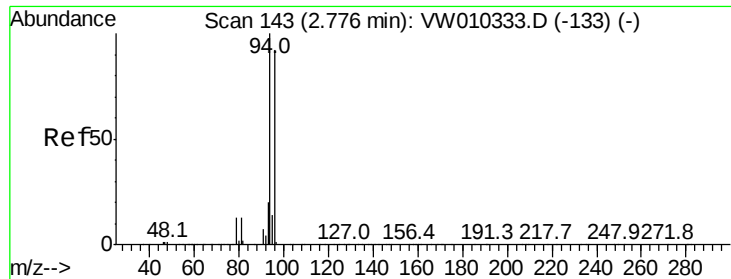
Tgt Ion: 62 Resp: 343784

Ion Ratio Lower Upper

62 100

64 31.3 25.9 38.9





#5

Bromomethane

Concen: 18.940 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 94 Resp: 200924

Ion Ratio Lower Upper

94 100

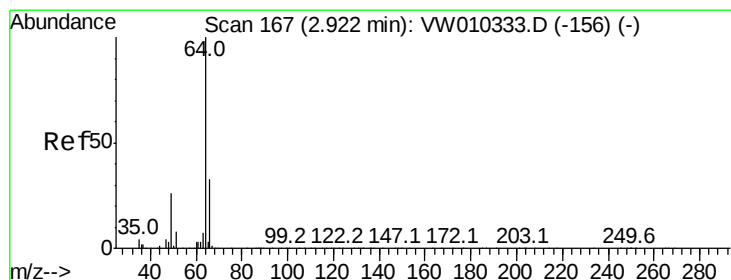
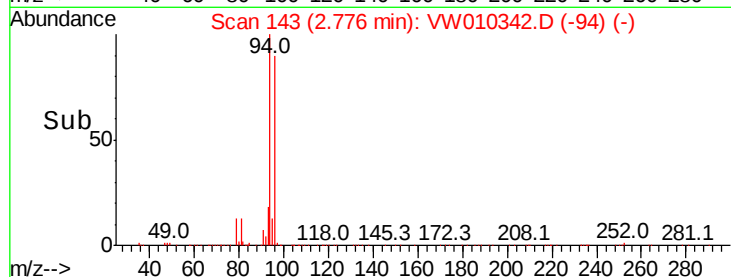
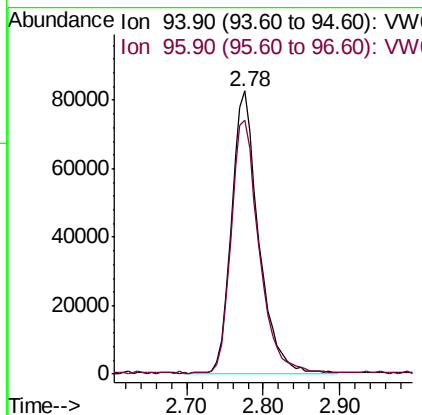
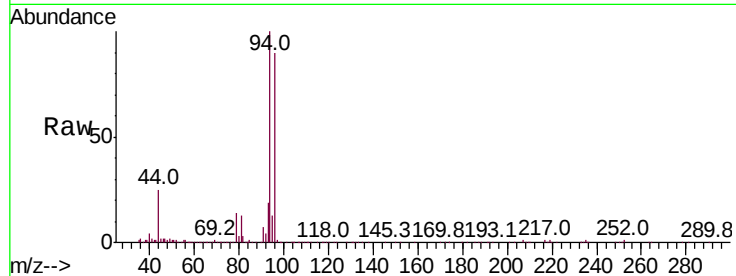
96 89.6 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 19.243 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW010342.D

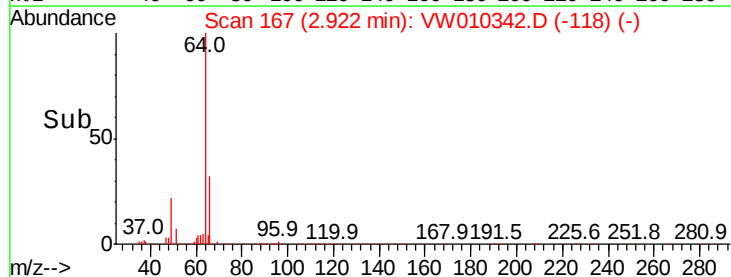
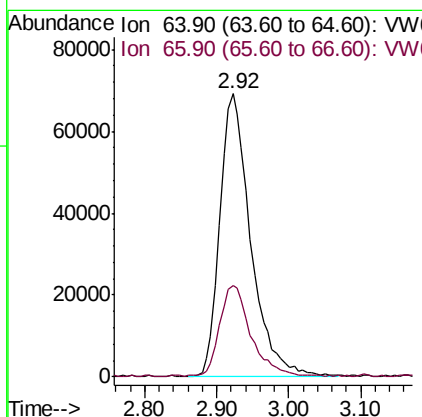
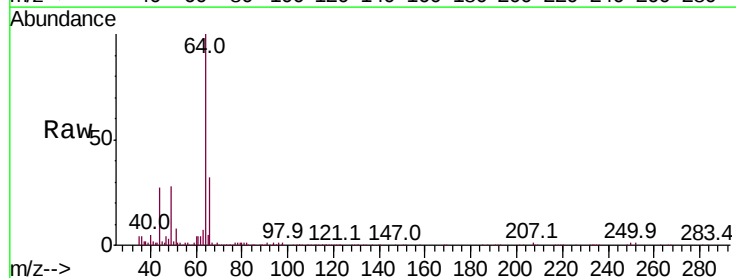
Acq: 09 May 2019 17:48

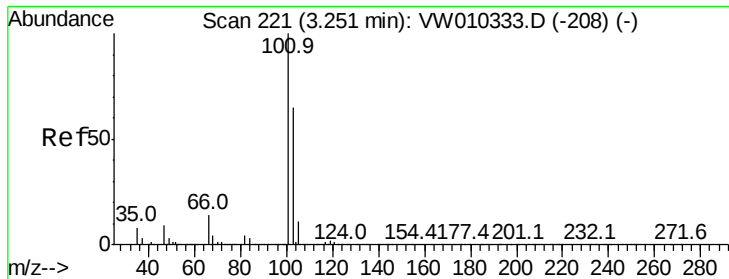
Tgt Ion: 64 Resp: 204726

Ion Ratio Lower Upper

64 100

66 31.7 23.4 35.0





#7

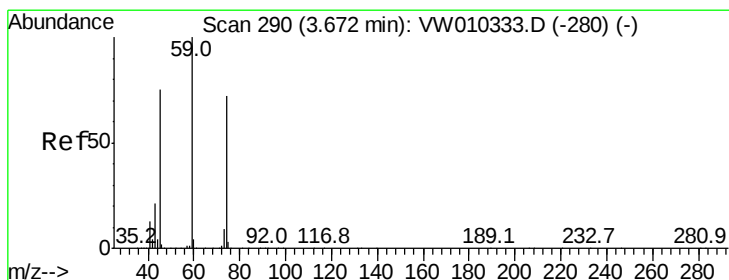
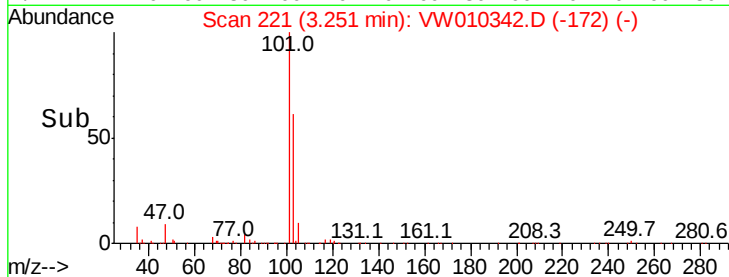
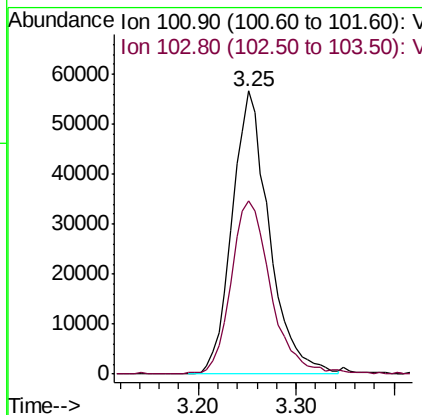
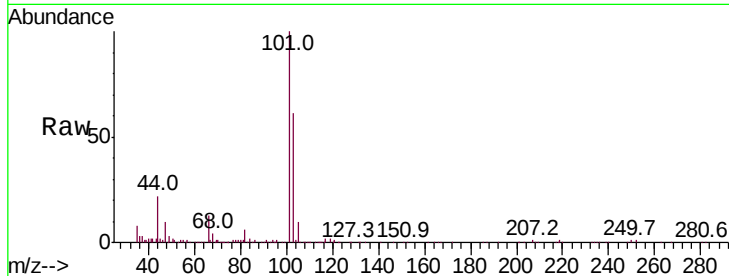
Trichlorofluoromethane
Concen: 16.183 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Instrument :
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ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.9	49.8	74.6

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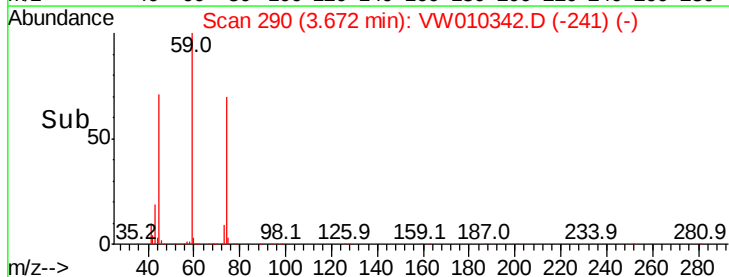
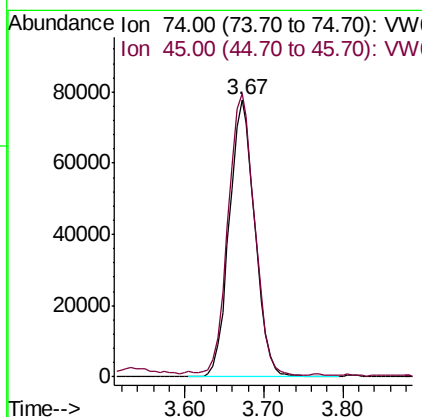
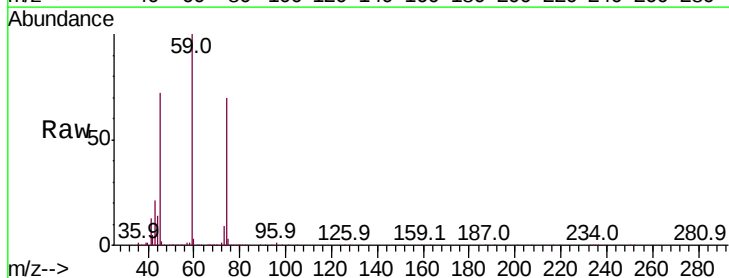
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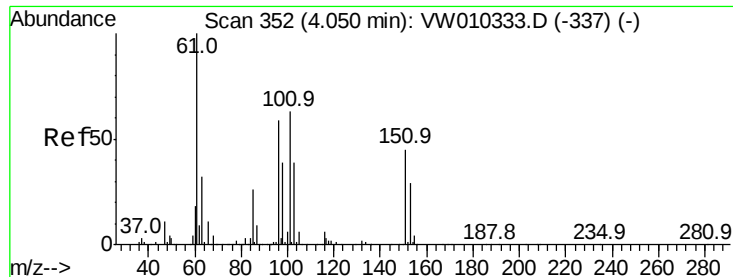


#8

Diethyl Ether
Concen: 21.588 ug/l
RT: 3.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.7	56.0	168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.143 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

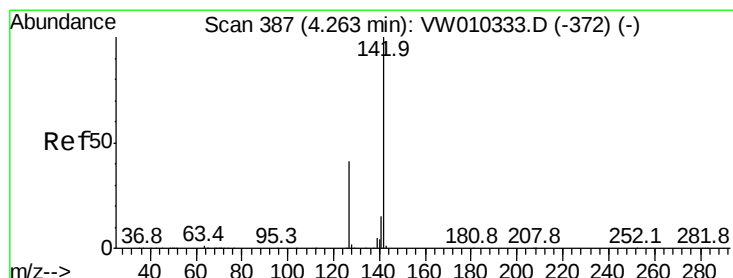
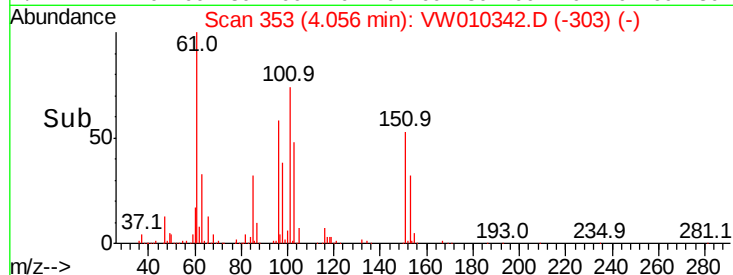
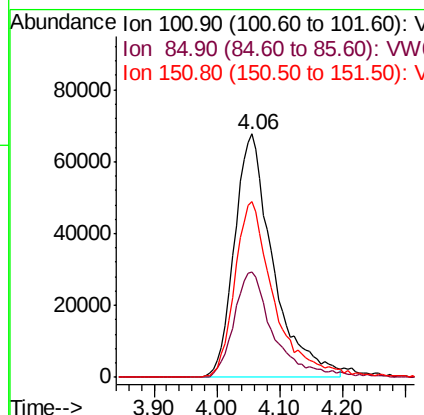
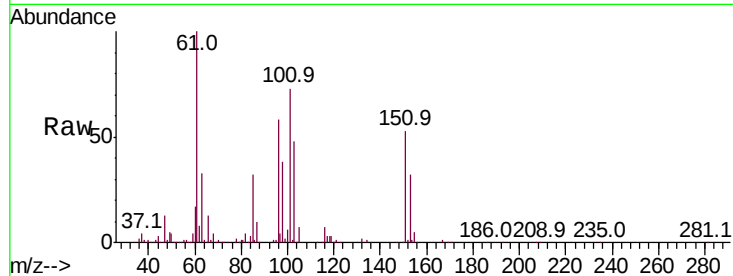
ClientSampleId :

VW0509SBS01

Tot Ion:	101	Resp:	288874
Ion Ratio	Lower	Upper	
101	100		
85	43.9	36.3	54.5
151	74.2	60.2	90.2

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#10

Methyl Iodide

Concen: 19.647 ug/l

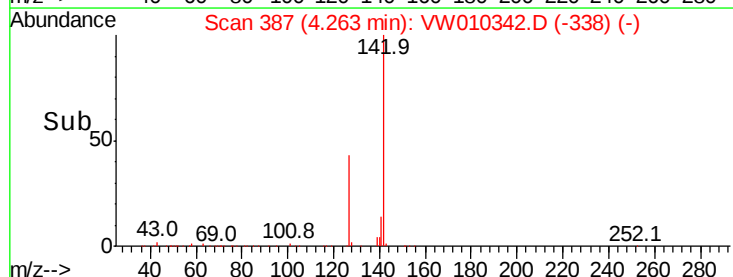
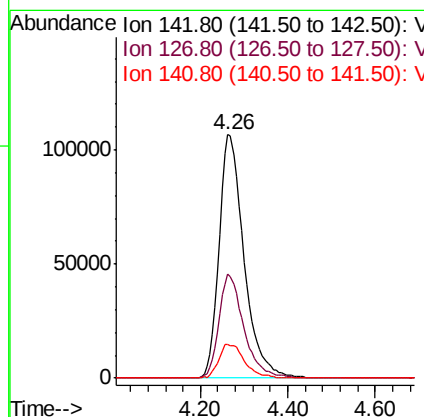
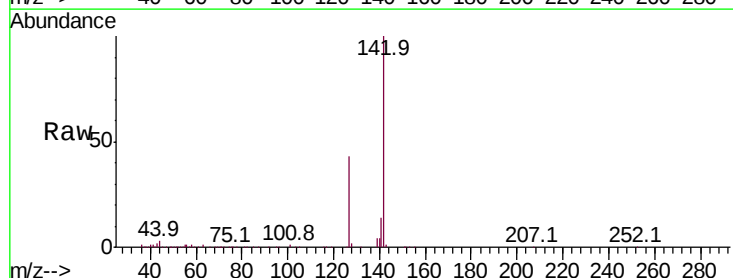
RT: 4.26 min Scan# 387

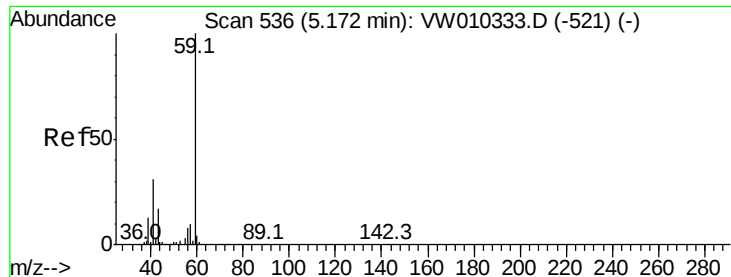
Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Tgt Ion:	142	Resp:	419854
Ion Ratio	Lower	Upper	
142	100		
127	42.8	38.1	57.1
141	14.5	12.2	18.2





#11

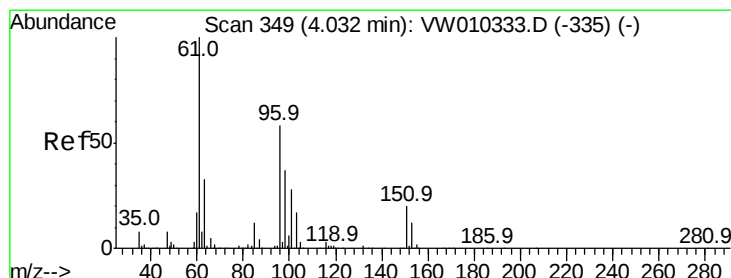
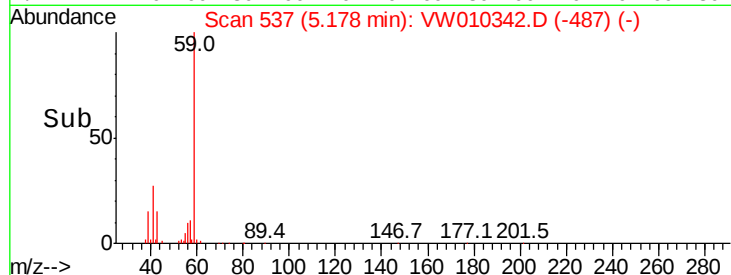
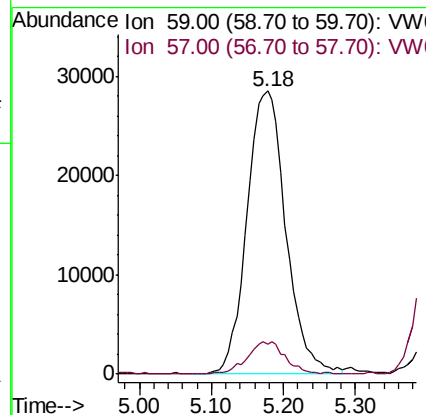
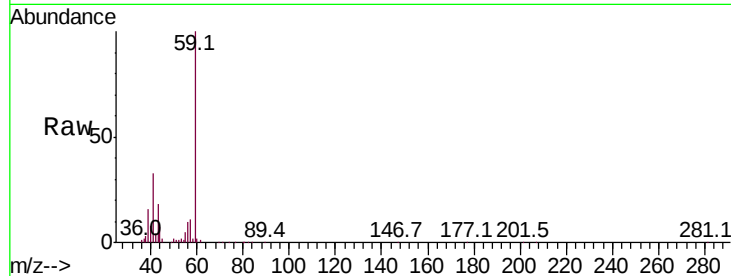
Tert butyl alcohol
 Concen: 98.579 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW010342.D
 Acq: 09 May 2019 17:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

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

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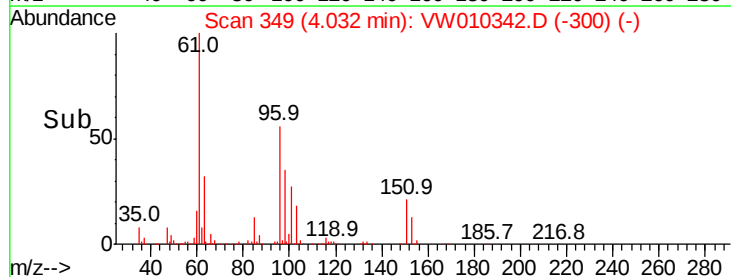
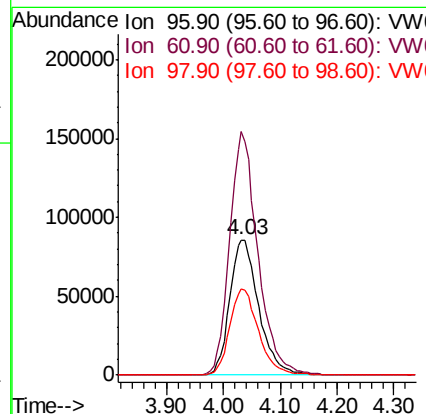
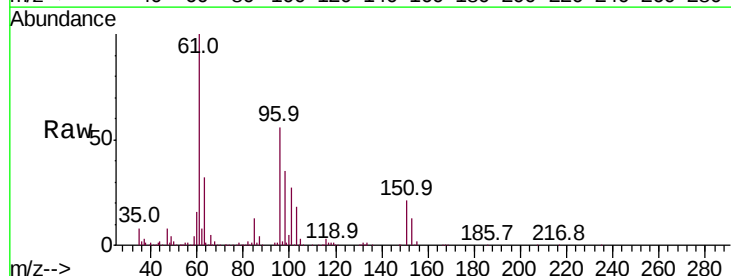
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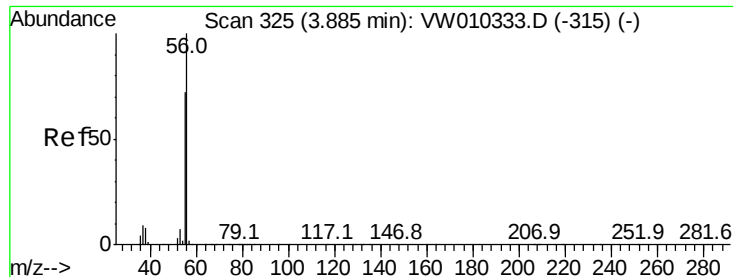


#12

1,1-Dichloroethene
 Concen: 19.212 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW010342.D
 Acq: 09 May 2019 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100			
61	61	180.1	147.4	221.2	
98	98	63.4	49.7	74.5	





#13

Acrolein

Concen: 85.326 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 56 Resp: 122309

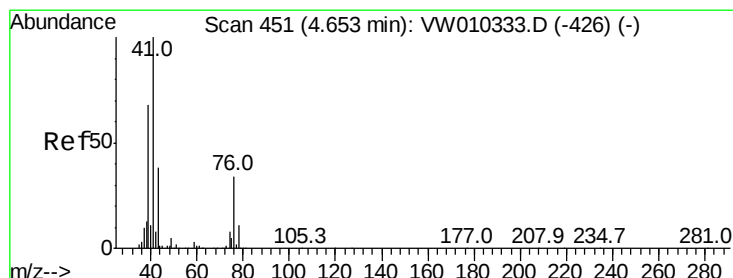
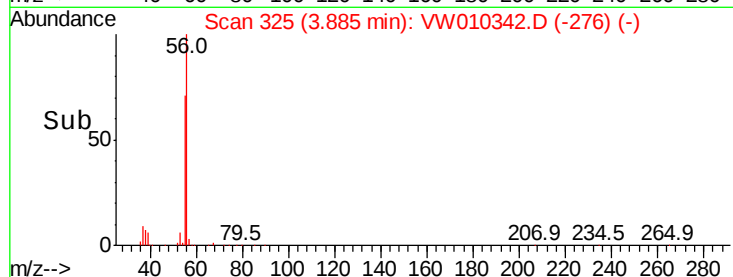
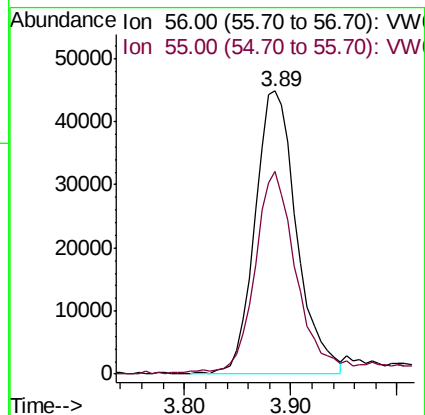
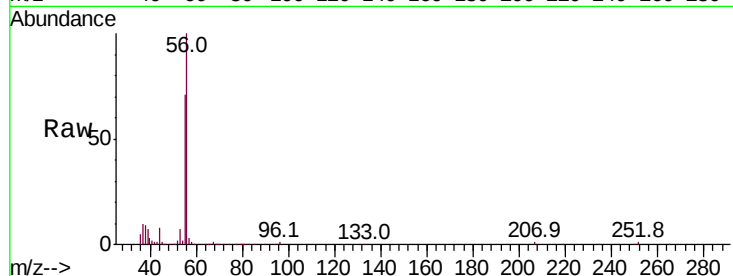
Ion Ratio Lower Upper

56 100

55 72.2 54.2 81.2

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#14

Allyl chloride

Concen: 19.454 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.01 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

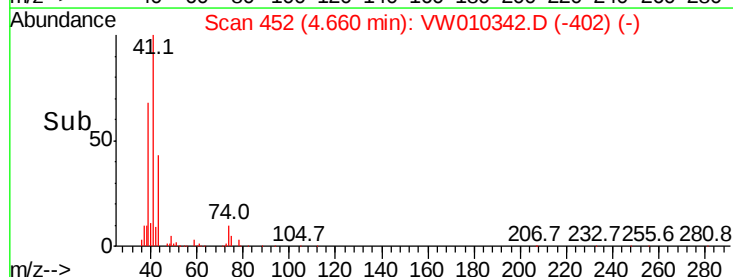
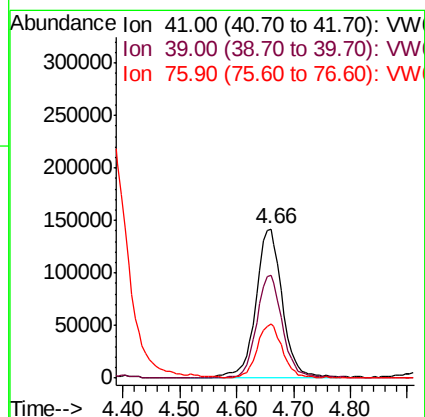
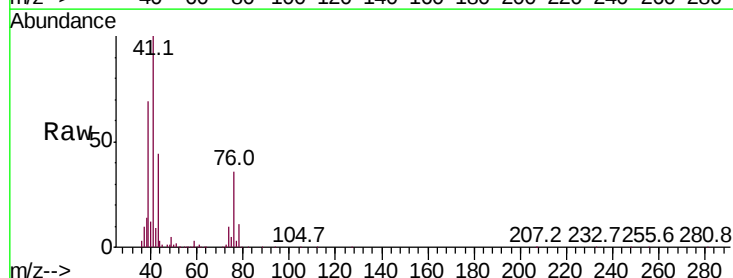
Tgt Ion: 41 Resp: 457917

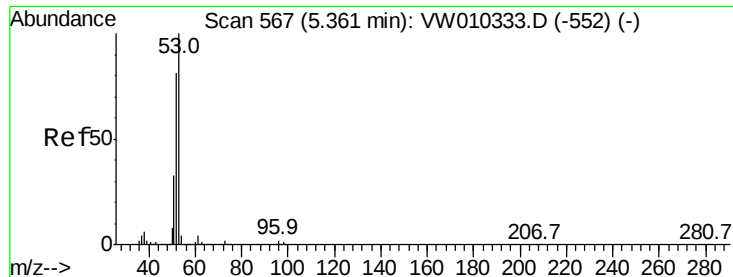
Ion Ratio Lower Upper

41 100

39 66.7 60.2 90.4

76 34.9 25.0 37.6





#15

Acrylonitrile

Concen: 91.699 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

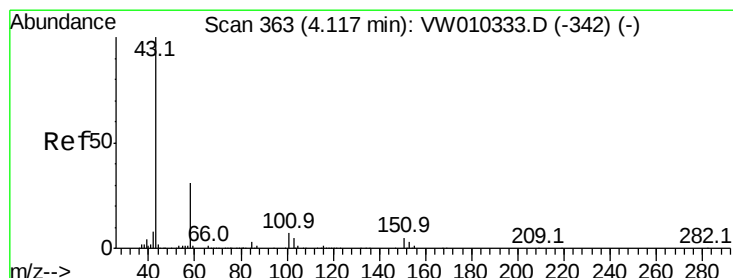
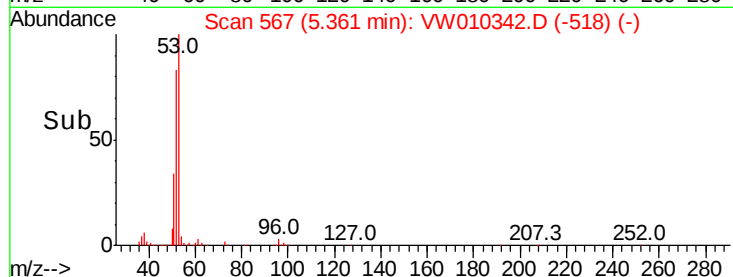
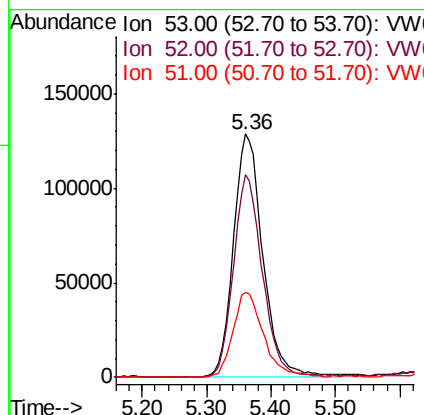
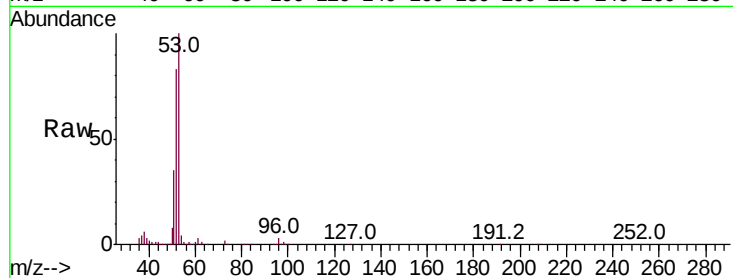
ClientSampleId :

VW0509SBS01

Tot Ion:	53	Resp:	411493
Ion Ratio	Lower	Upper	
53	100		
52	81.6	66.6	100.0
51	36.3	30.3	45.5

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#16

Acetone

Concen: 92.886 ug/l

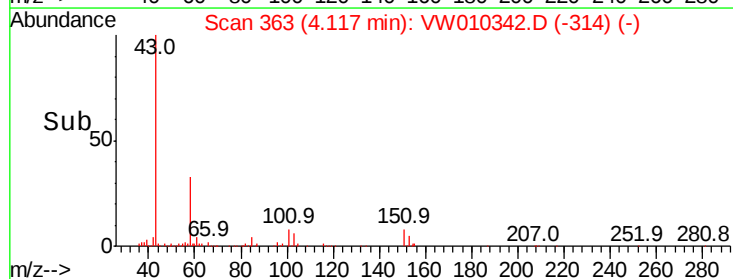
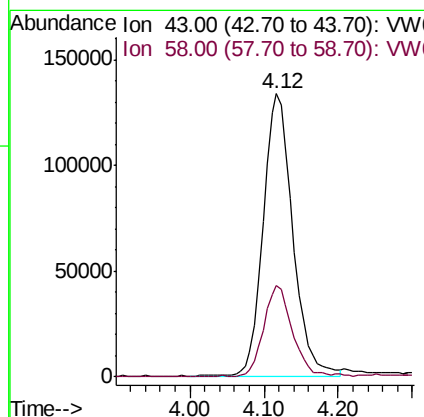
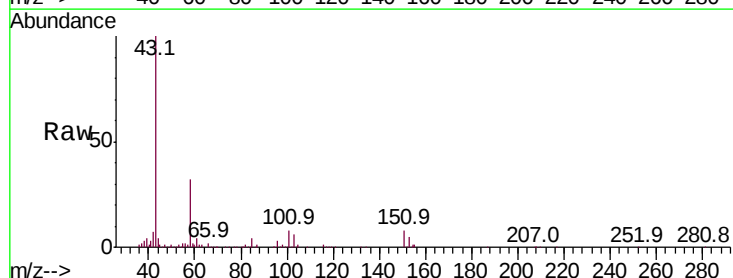
RT: 4.12 min Scan# 363

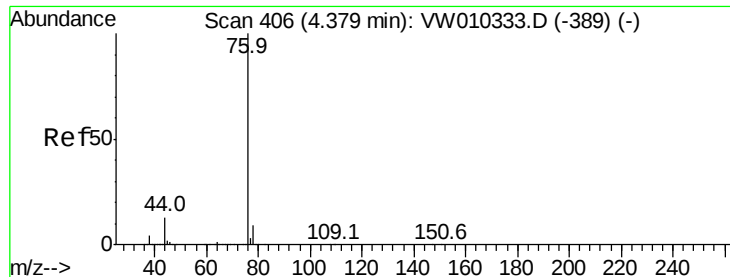
Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Tgt Ion:	43	Resp:	372275
Ion Ratio	Lower	Upper	
43	100		
58	32.2	22.7	34.1





#17

Carbon Disulfide

Concen: 18.652 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBSD01

Tot Ion: 76 Resp: 889515

Ion Ratio Lower Upper

76 100

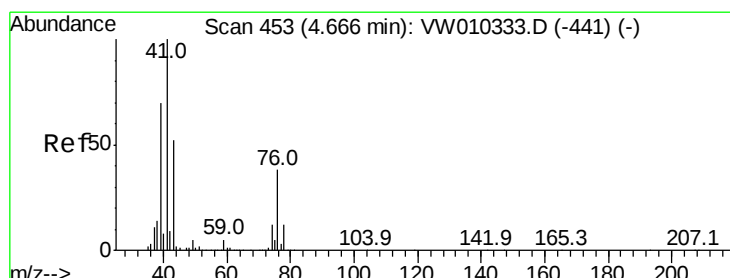
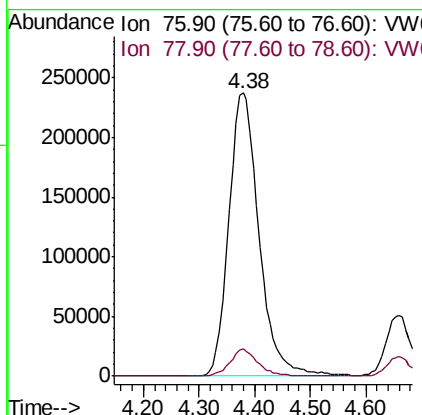
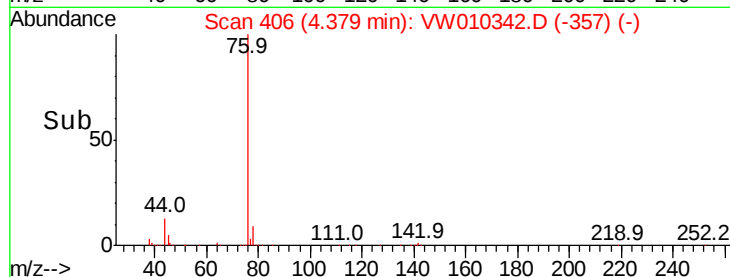
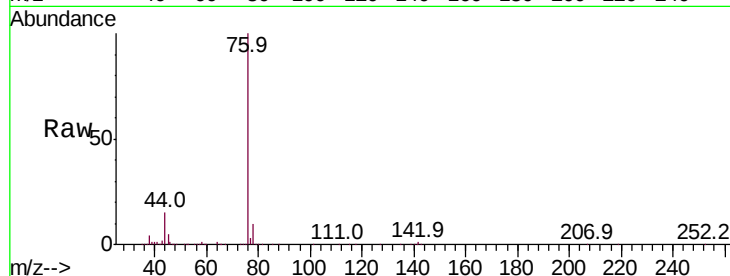
78 9.5 7.4 11.2

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#18

Methyl Acetate

Concen: 18.828 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010342.D

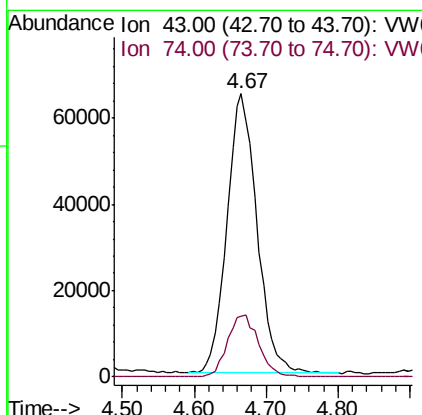
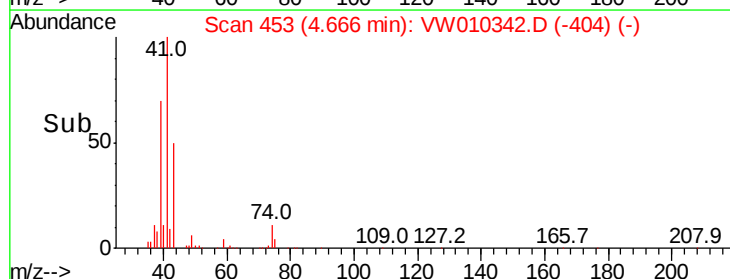
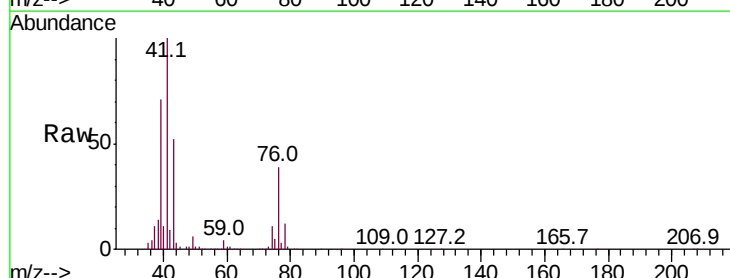
Acq: 09 May 2019 17:48

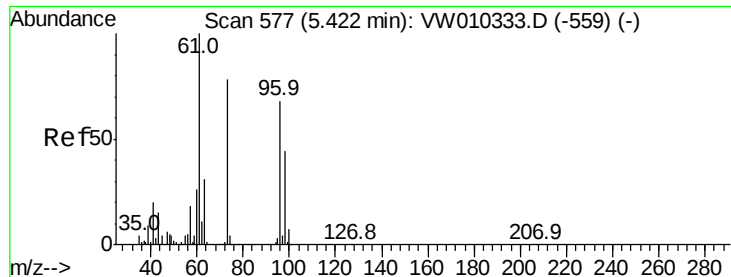
Tgt Ion: 43 Resp: 186911

Ion Ratio Lower Upper

43 100

74 23.2 16.8 25.2





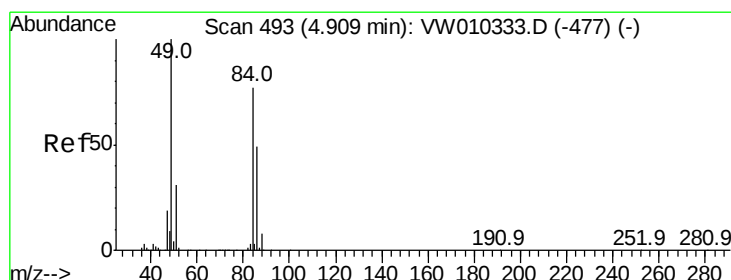
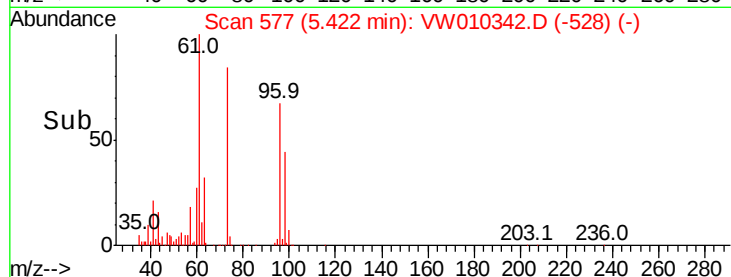
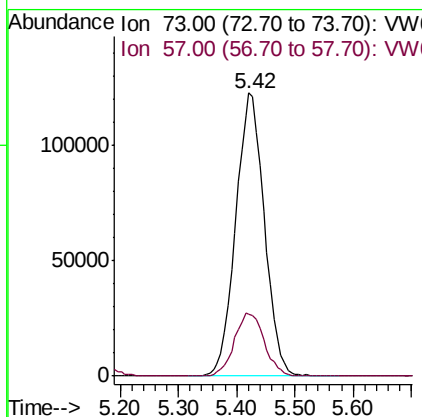
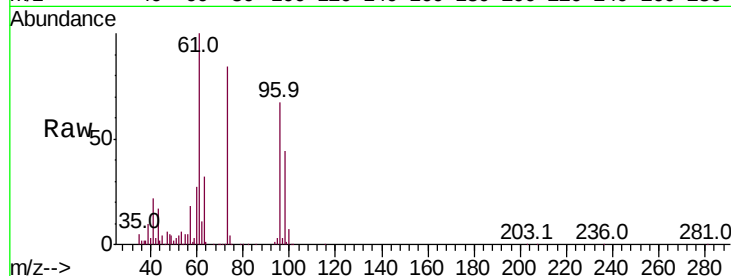
#19
Methvl tert-butvl Ether
Concen: 22.214 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion: 73 Resp: 416994
Ion Ratio Lower Upper
73 100
57 22.0 18.5 27.7

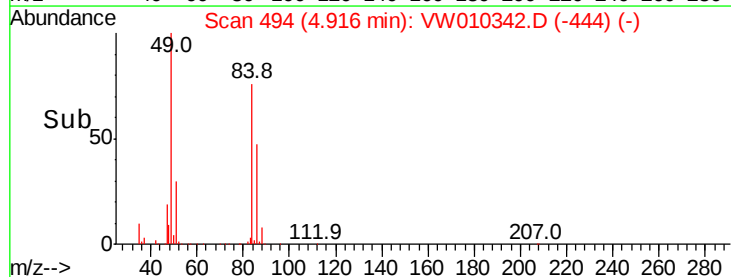
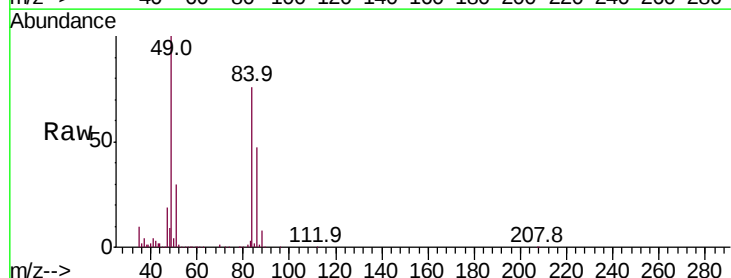
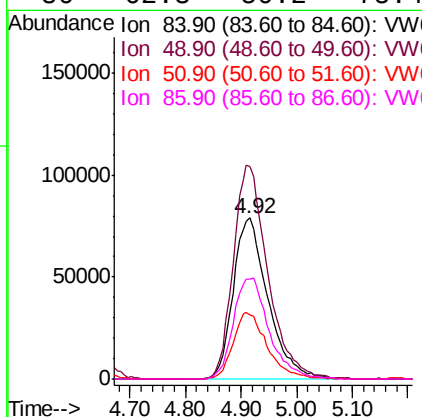
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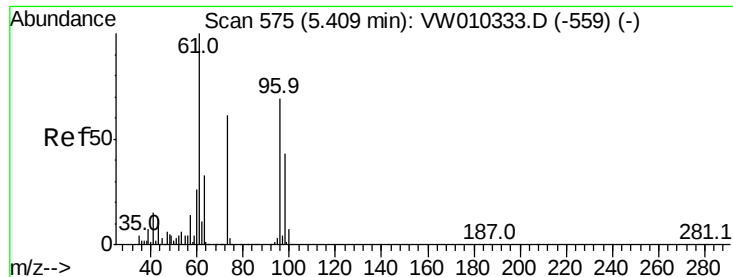
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#20
Methylene Chloride
Concen: 20.417 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Tgt Ion: 84 Resp: 341296
Ion Ratio Lower Upper
84 100
49 131.7 112.3 168.5
51 39.7 33.9 50.9
86 62.3 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 19.945 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.01 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

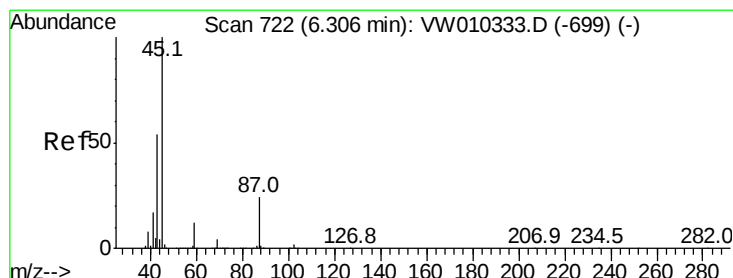
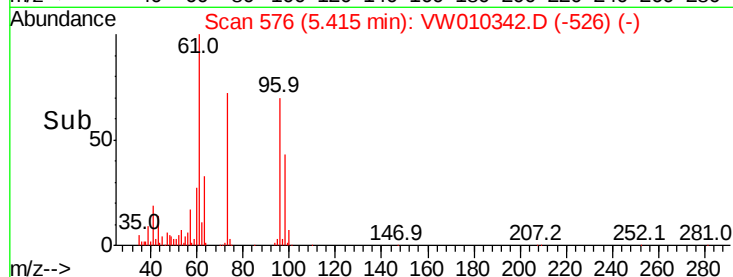
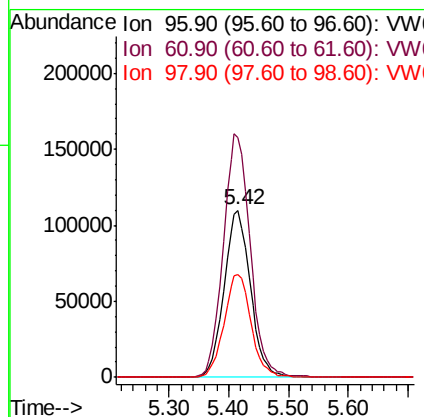
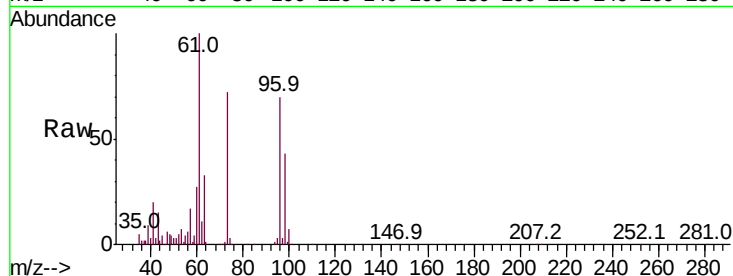
ClientSampleId :

VW0509SBSD01

Tot Ion:	96	Resp:	338533
Ion	Ratio	Lower	Upper
96	100		
61	143.1	122.3	183.5
98	61.4	50.5	75.7

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#22

Diisopropyl ether

Concen: 23.428 ug/l

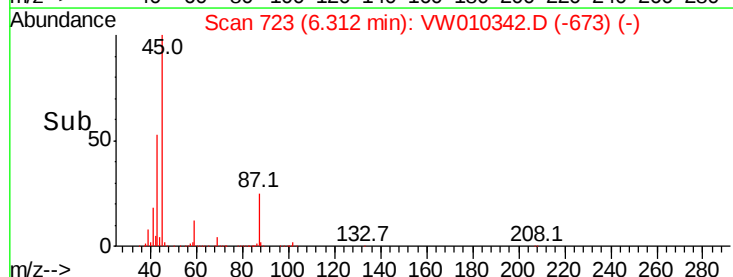
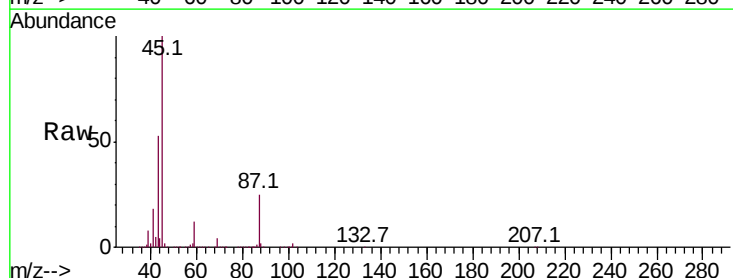
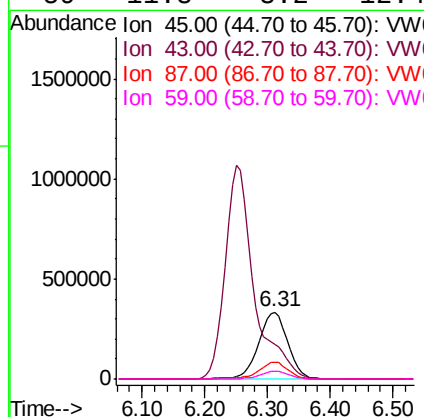
RT: 6.31 min Scan# 723

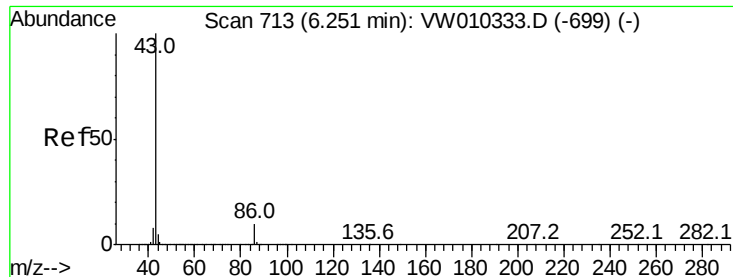
Delta R.T. 0.01 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Tgt Ion:	45	Resp:	1070251
Ion	Ratio	Lower	Upper
45	100		
43	52.6	46.1	69.1
87	24.9	18.3	27.5
59	11.8	8.2	12.4





#23

Vinyl Acetate

Concen: 108.332 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 43 Resp: 3398091

Ion Ratio Lower Upper

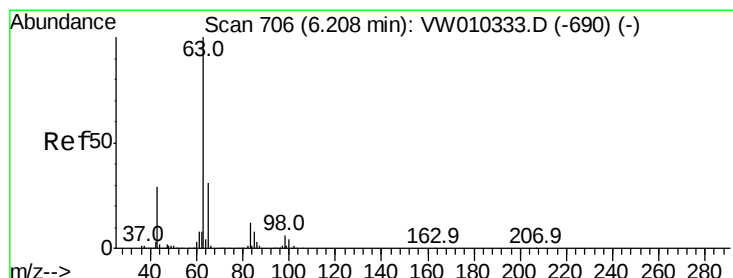
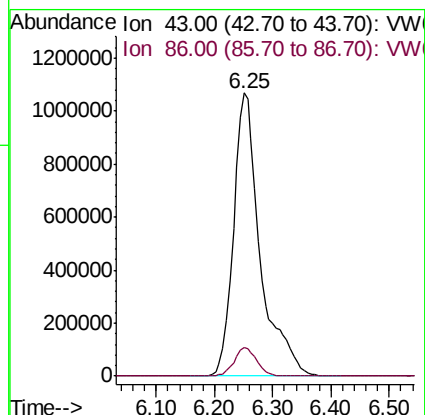
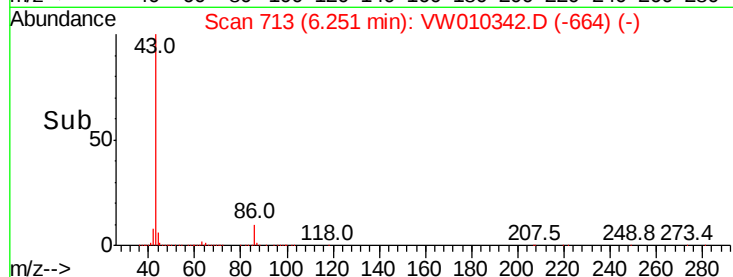
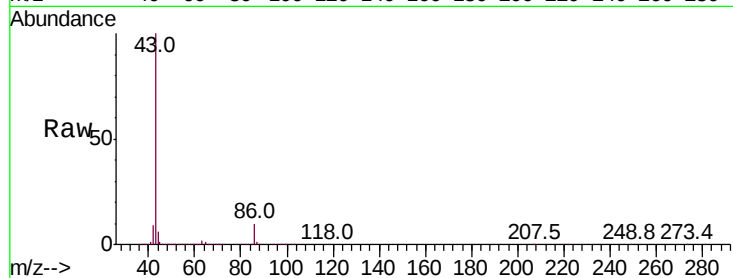
43 100

86 10.1 7.0 10.6

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#24

1,1-Dichloroethane

Concen: 20.910 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

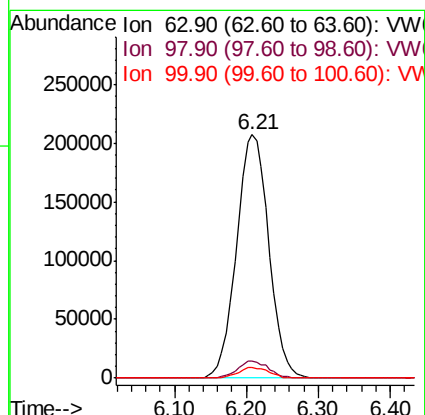
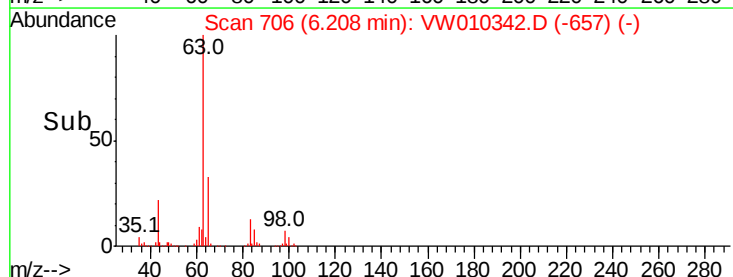
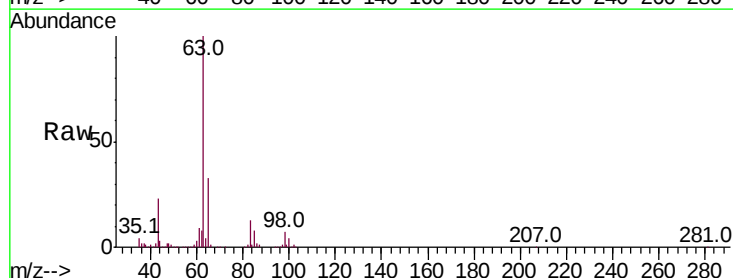
Tgt Ion: 63 Resp: 643114

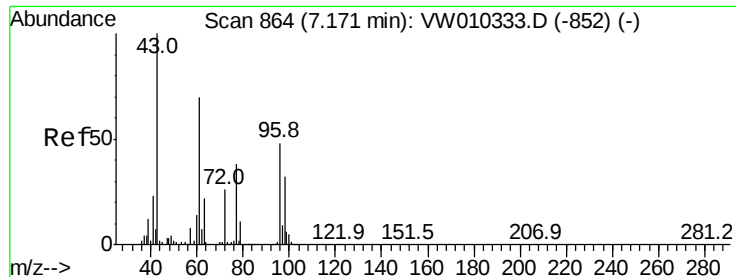
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 4.4 2.0 6.0





#25

2-Butanone

Concen: 95.167 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 43 Resp: 583494

Ion Ratio Lower Upper

43 100

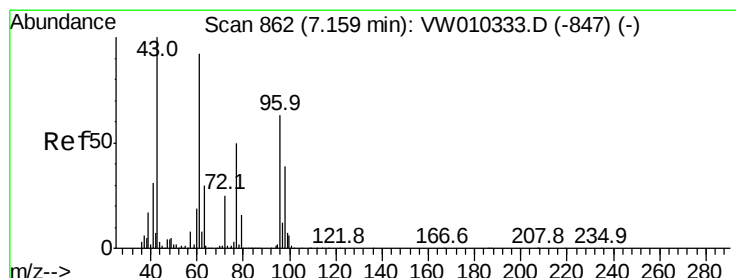
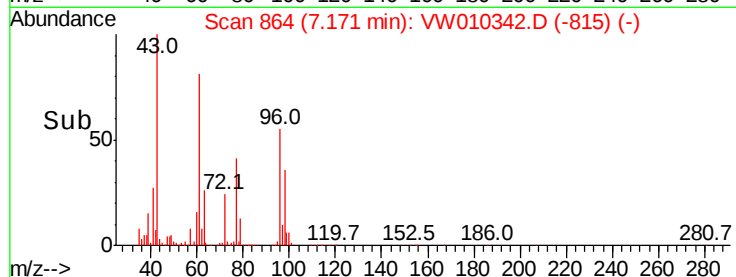
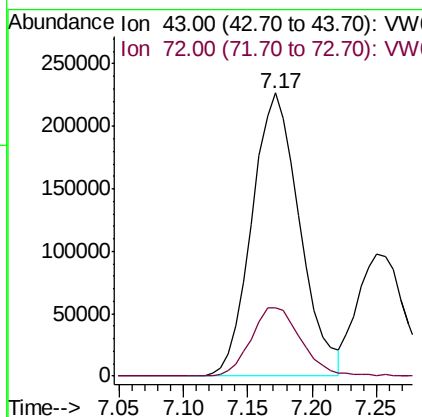
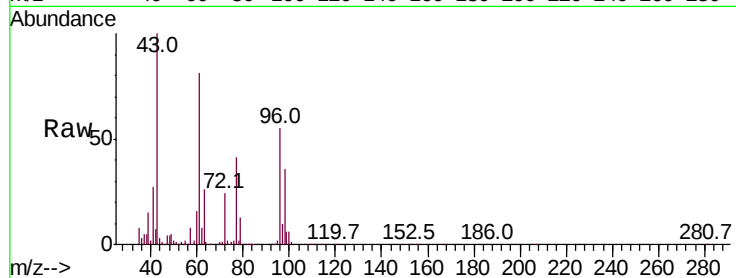
72 24.2 19.1 28.7

Manual Integrations

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5/10/2019 10:07:53 AM



#26

2,2-Dichloropropane

Concen: 20.049 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW010342.D

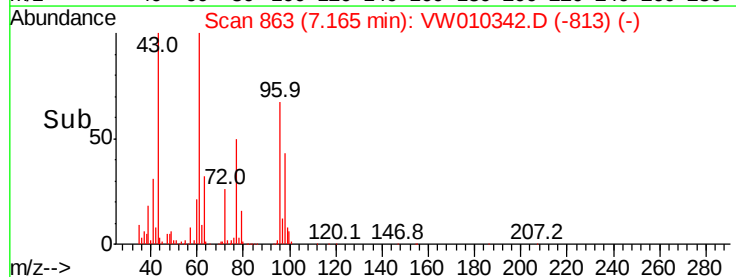
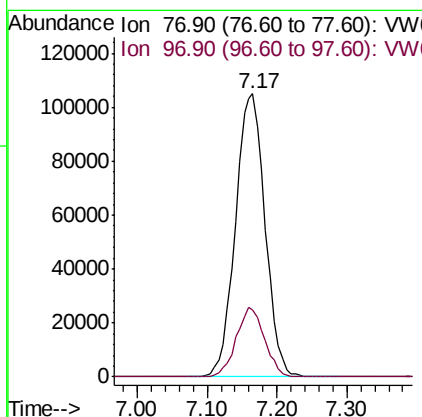
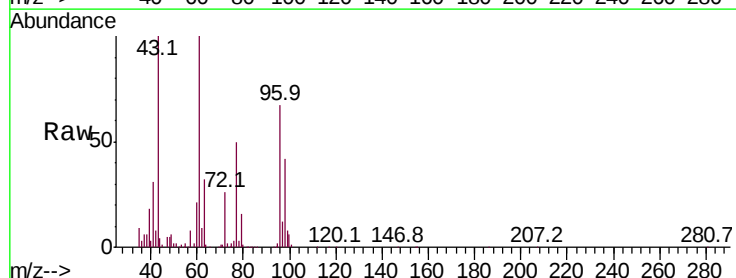
Acq: 09 May 2019 17:48

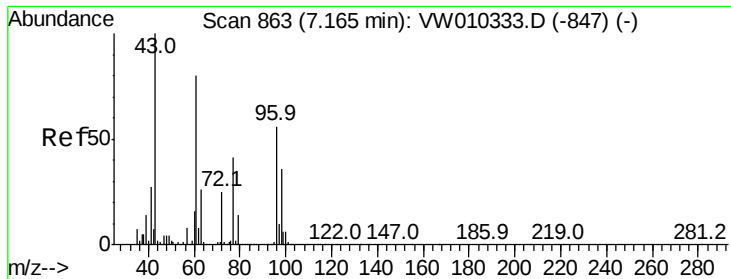
Tgt Ion: 77 Resp: 306797

Ion Ratio Lower Upper

77 100

97 23.6 11.3 33.9





#27

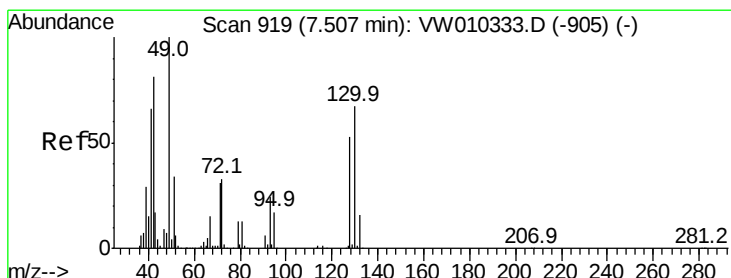
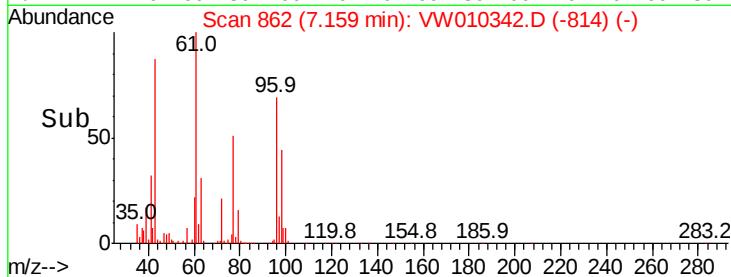
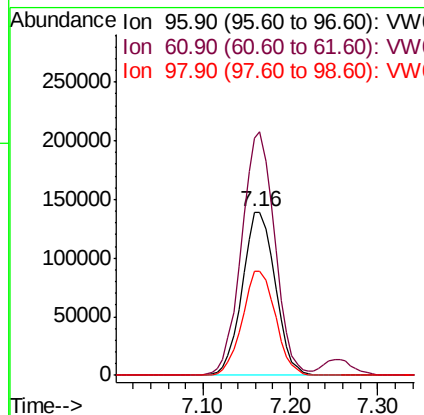
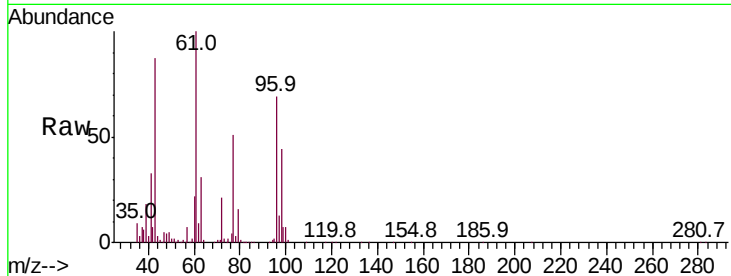
cis-1,2-Dichloroethene
 Concen: 20.936 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW010342.D
 Acq: 09 May 2019 17:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	365443		
61	149.6	0.0	309.4	
98	64.2	0.0	128.6	

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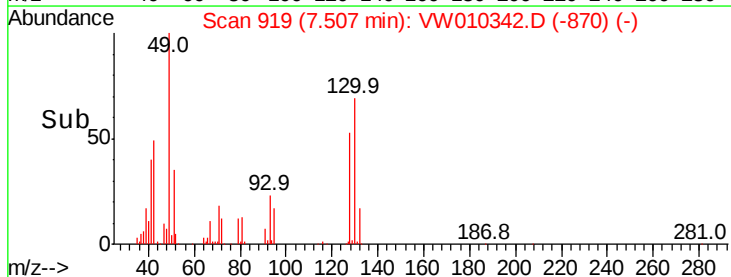
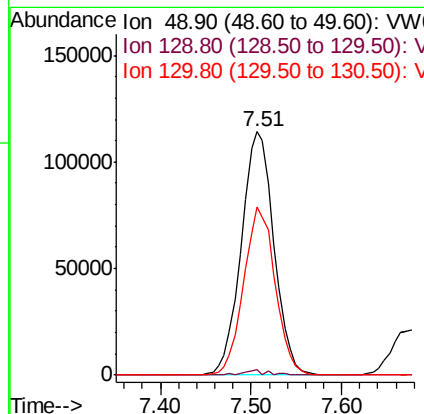
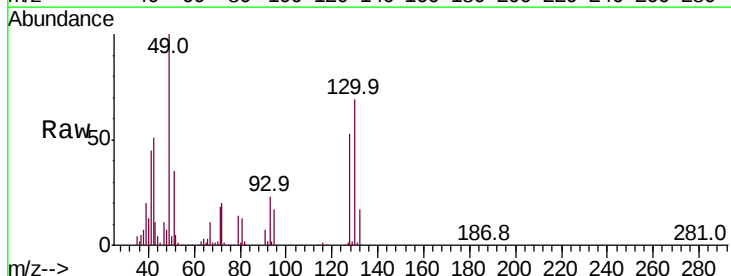
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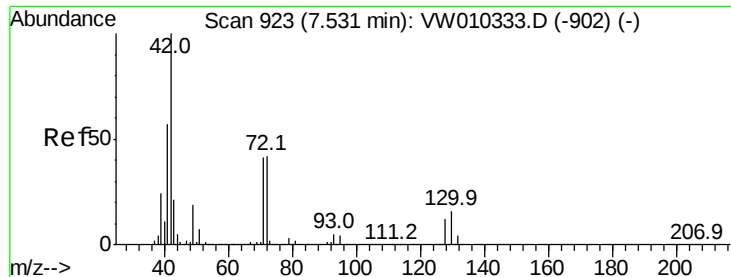


#28

Bromochloromethane
 Concen: 25.050 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW010342.D
 Acq: 09 May 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	284038		
129	1.5	0.0	3.8	
130	66.9	54.6	82.0	





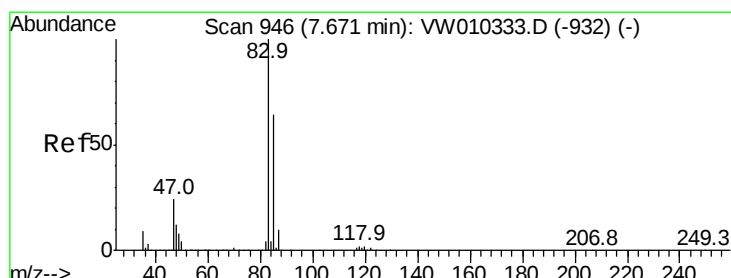
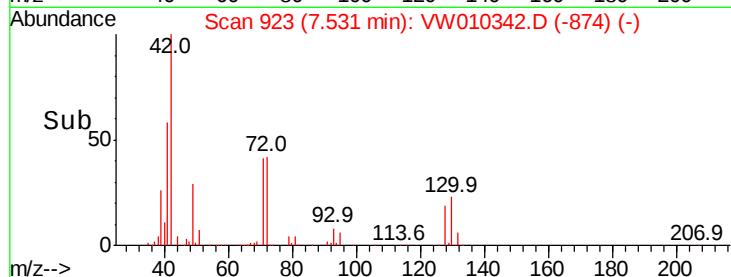
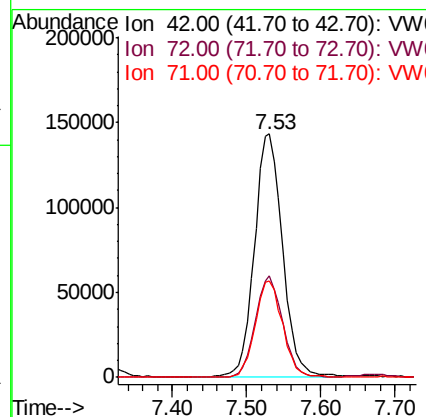
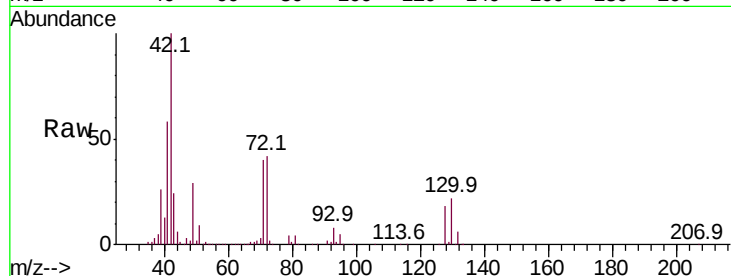
#29
Tetrahydrofuran
Concen: 95.211 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	40.7	31.0	46.6	
71	39.1	29.7	44.5	

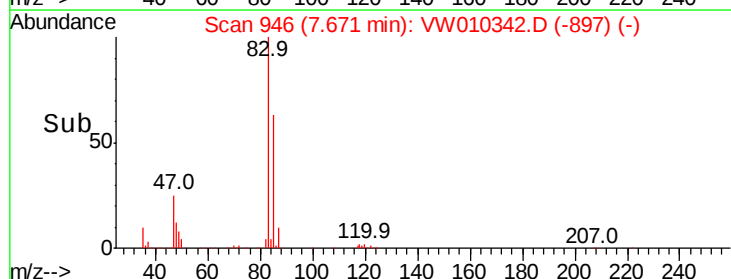
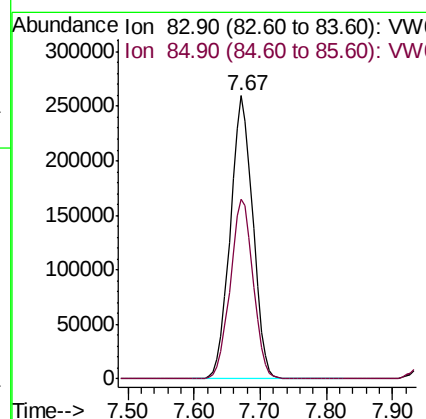
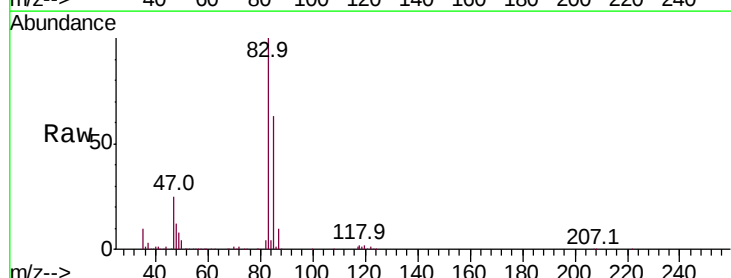
Manual Integrations
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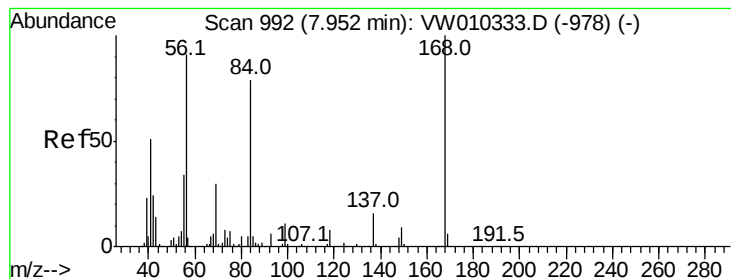
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#30
Chloroform
Concen: 21.298 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.4	50.7	76.1	





#31

Cyclohexane

Concen: 19.536 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

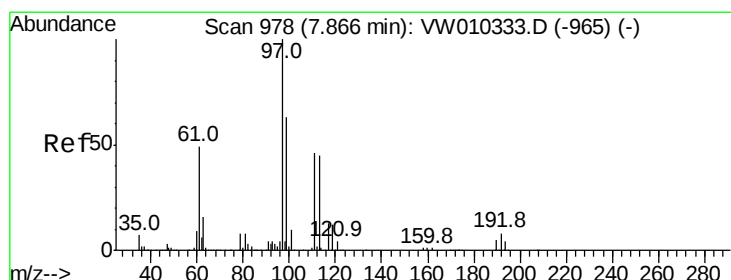
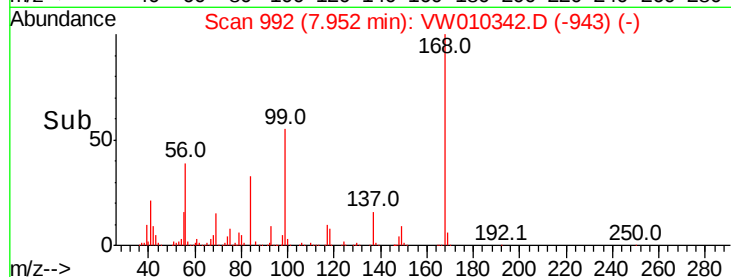
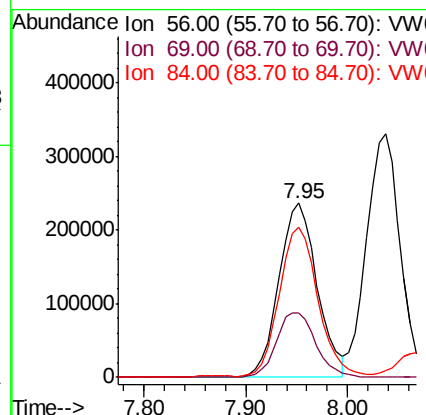
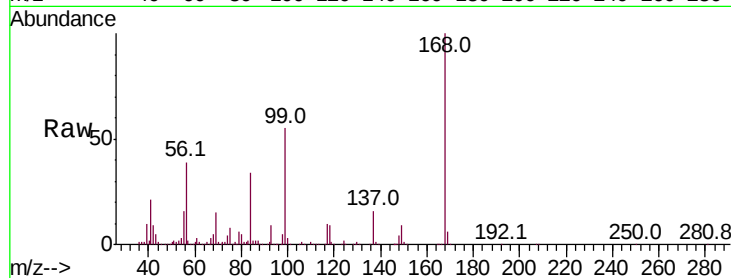
ClientSampleId :

VW0509SBS01

Tot Ion:	56	Resp:	615215
Ion Ratio	Lower	Upper	
56	100		
69	37.0	26.6	40.0
84	85.8	66.2	99.2

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#32

1,1,1-Trichloroethane

Concen: 20.044 ug/l

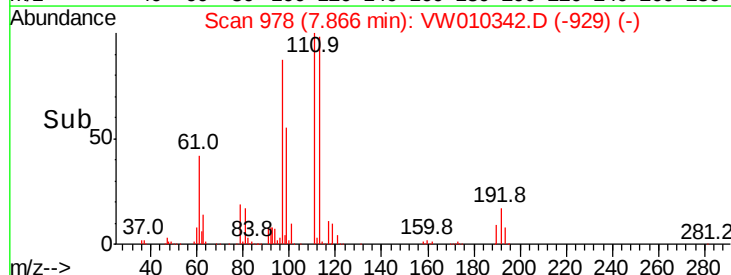
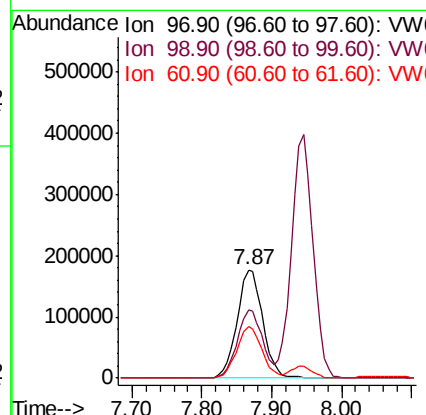
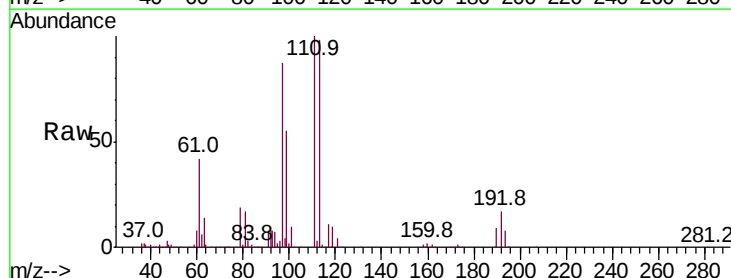
RT: 7.87 min Scan# 978

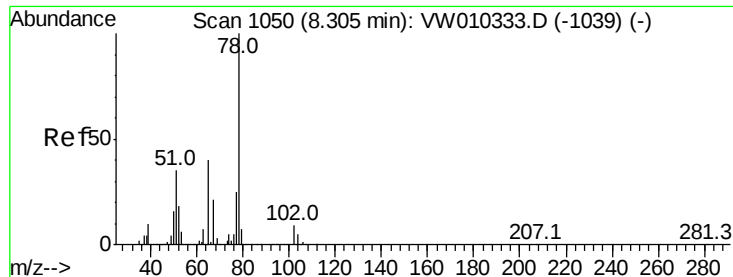
Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Tgt Ion:	97	Resp:	446887
Ion Ratio	Lower	Upper	
97	100		
99	62.5	50.2	75.2
61	47.3	38.2	57.2





#33

1,2-Dichloroethane-d4

Concen: 53.293 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 65 Resp: 819324

Ion Ratio Lower Upper

65 100

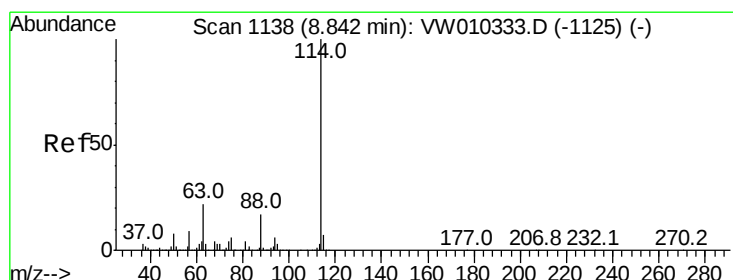
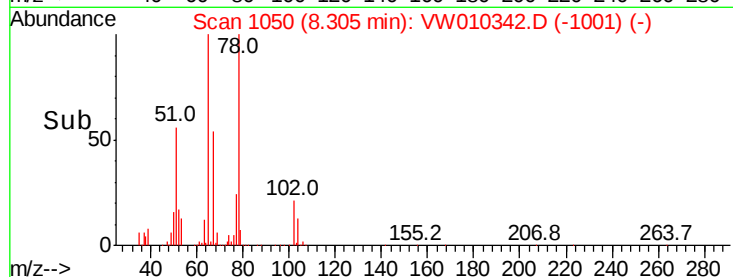
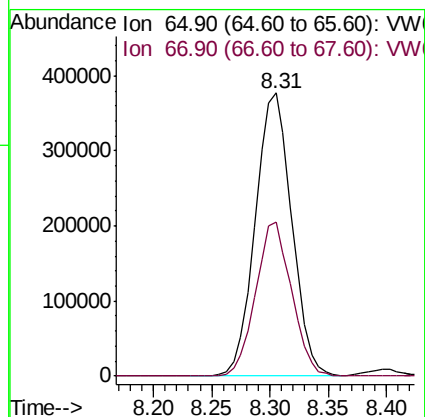
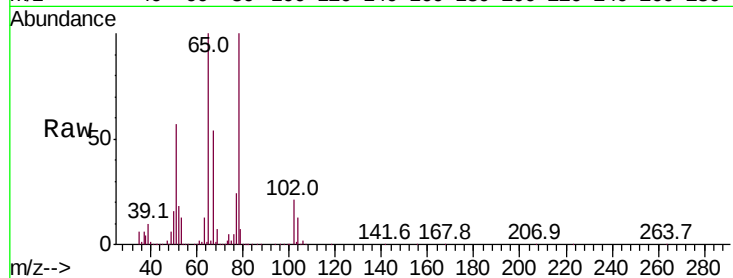
67 53.6 0.0 100.8

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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: VW010342.D

Acq: 09 May 2019 17:48

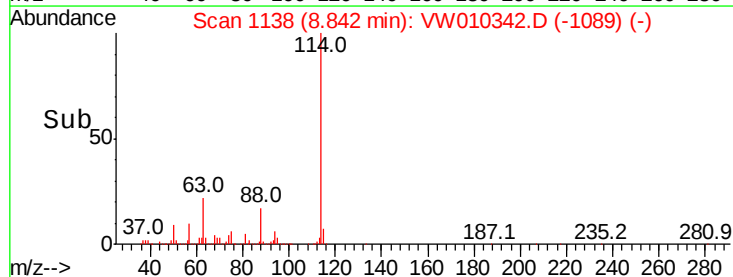
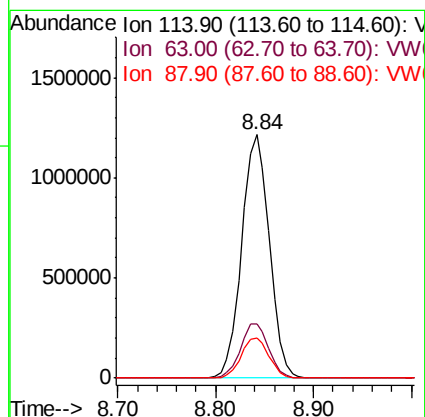
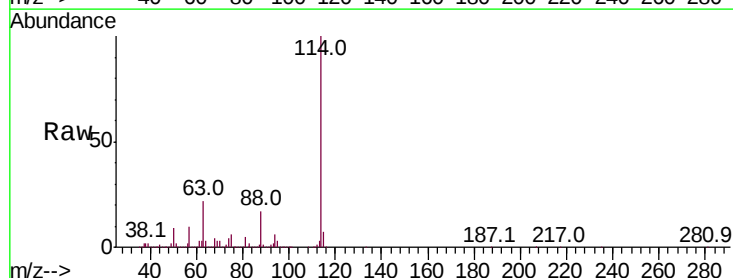
Tgt Ion: 114 Resp: 2375613

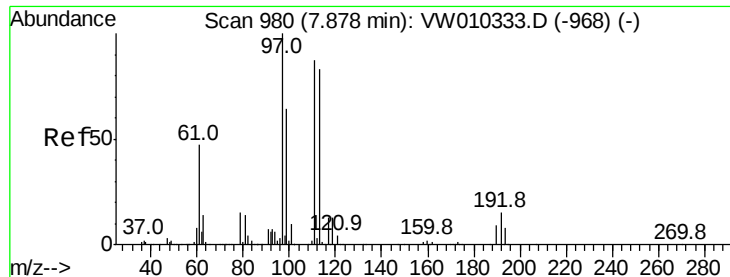
Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.2

88 16.7 0.0 32.6





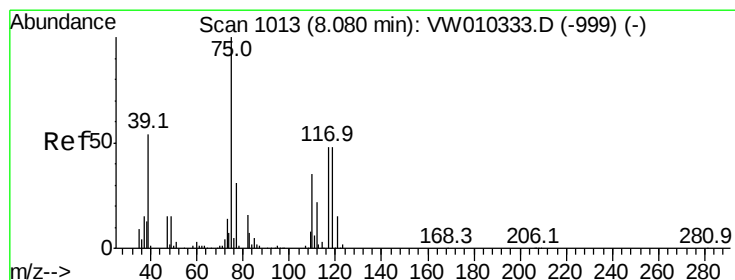
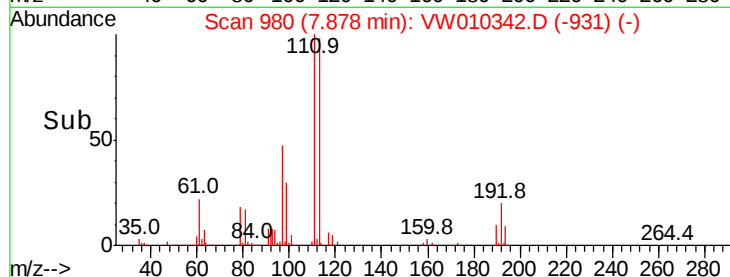
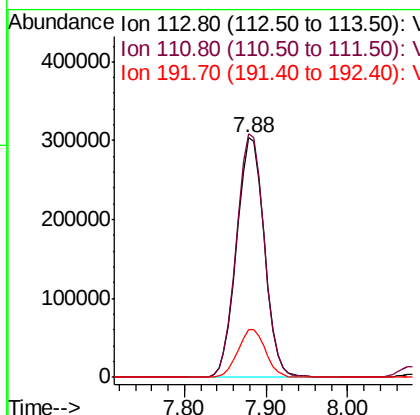
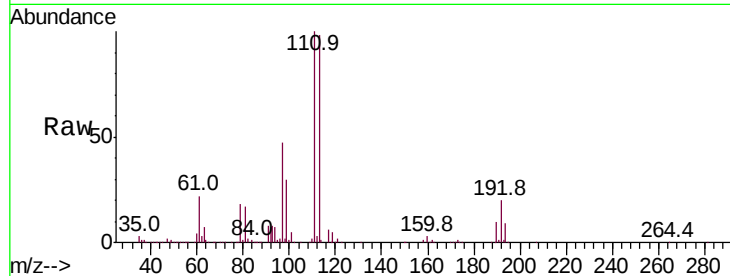
#35
Dibromofluoromethane
Concen: 51.369 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.1	82.6	123.8	
192	20.0	15.4	23.2	

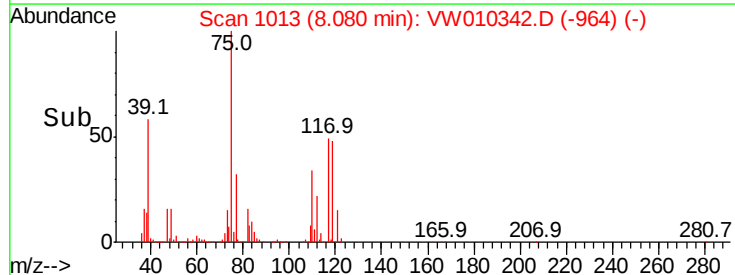
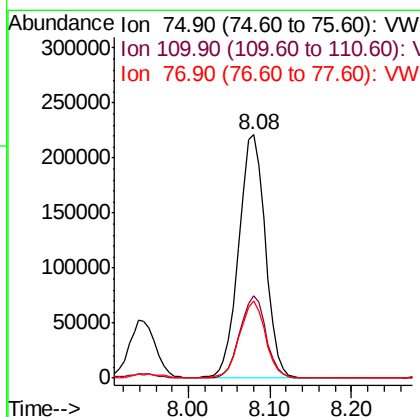
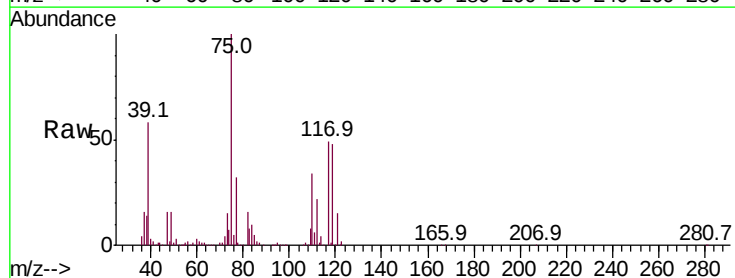
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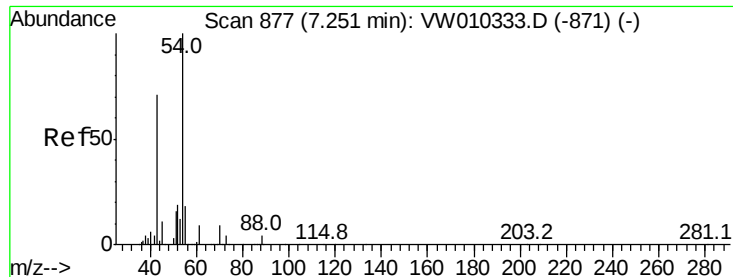
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#36
1,1-Dichloropropene
Concen: 19.417 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.0	16.6	49.8	
77	30.8	24.8	37.2	





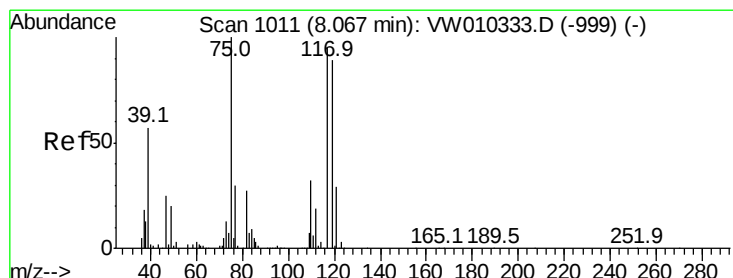
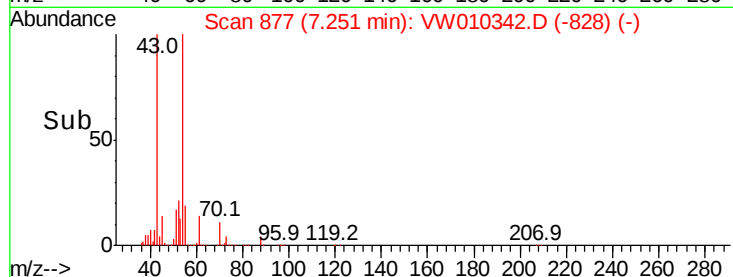
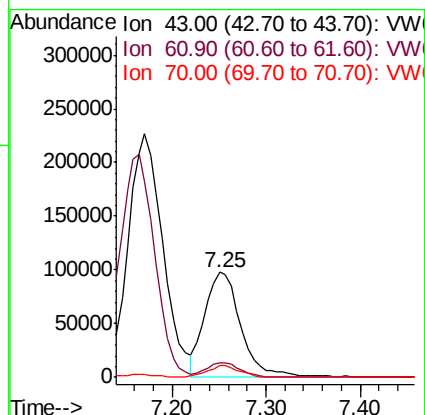
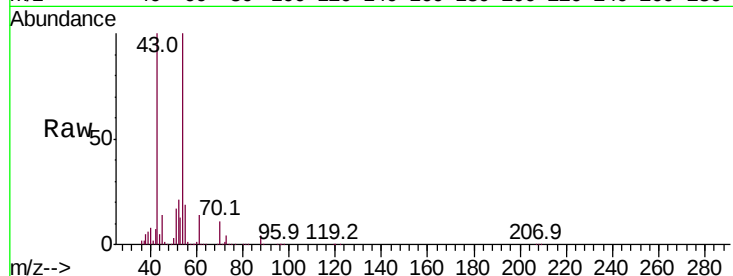
#37
Ethyl Acetate
Concen: 18.644 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	9.8	14.8
70	10.6	7.4	11.0

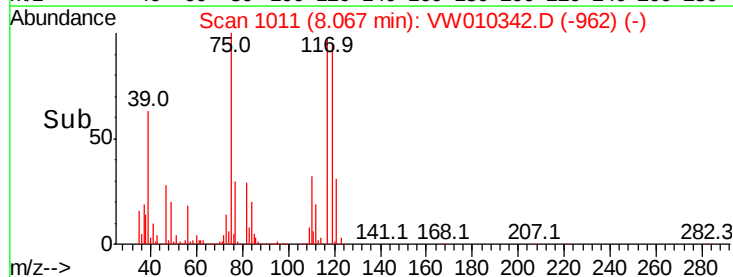
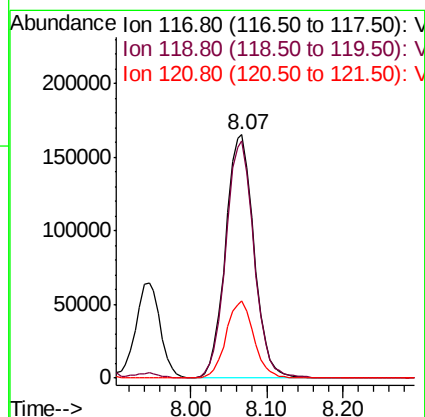
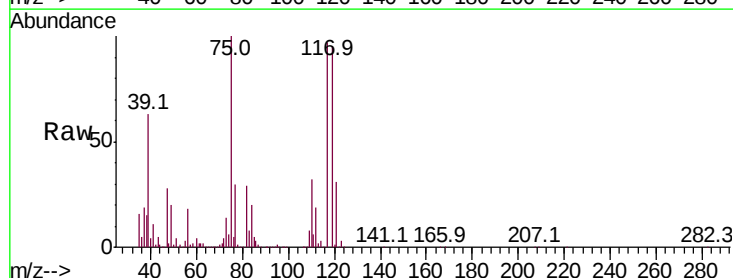
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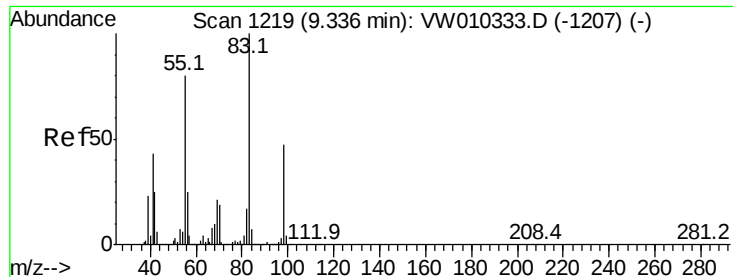
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#38
Carbon Tetrachloride
Concen: 19.226 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.3	112.9
121	31.5	24.4	36.6





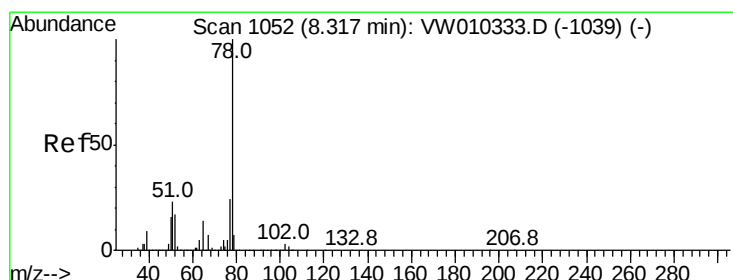
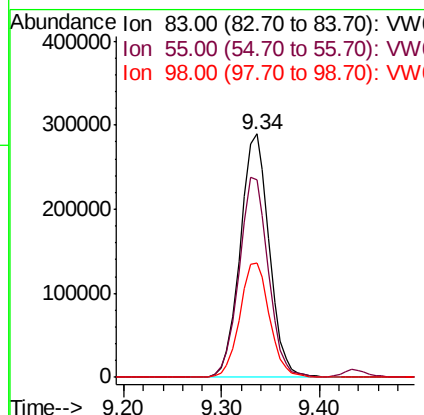
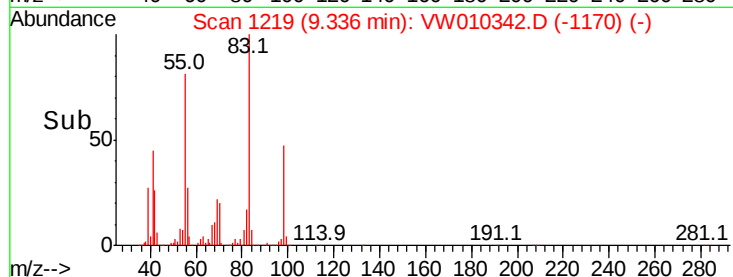
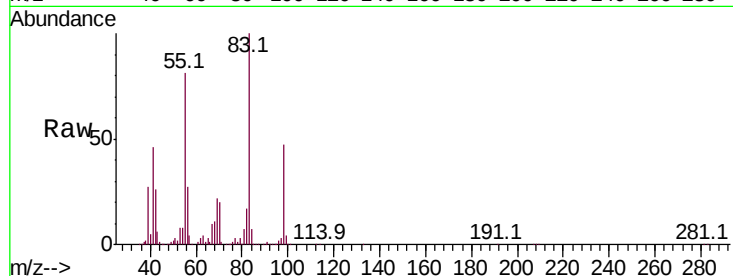
#39
Methvlcvclohexane
Concen: 18.870 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	594611		
55	81.1	67.1	100.7	
98	46.8	39.2	58.8	

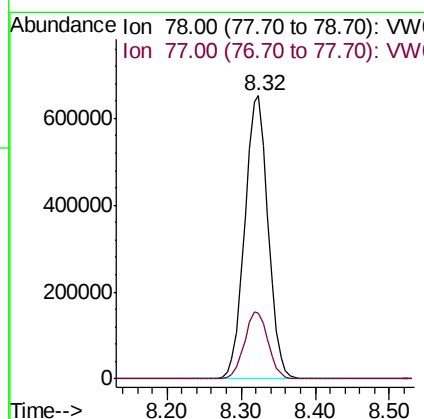
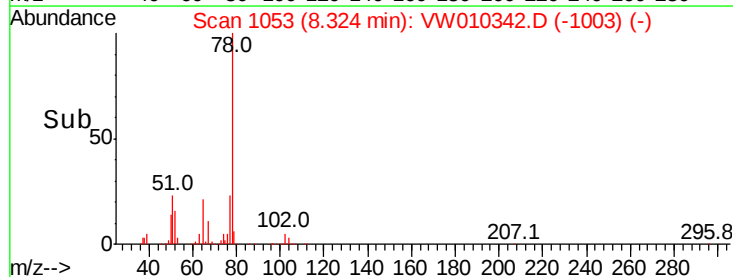
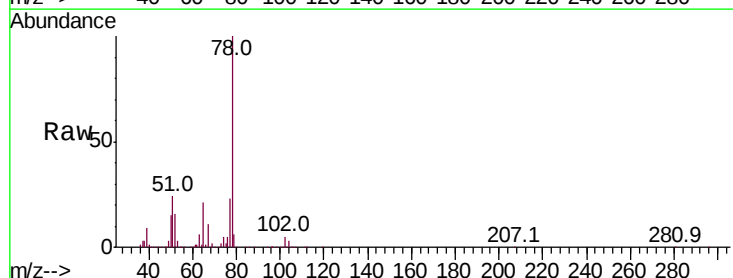
Manual Integrations
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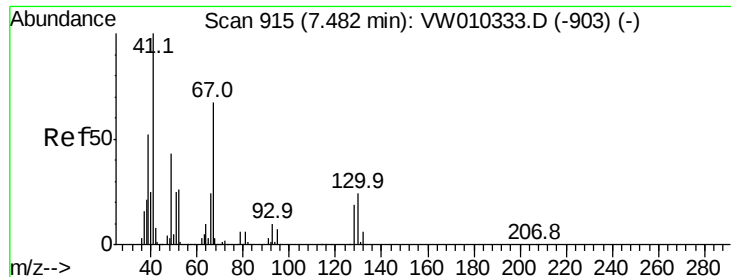
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#40
Benzene
Concen: 20.314 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1433027		
77	23.3	19.1	28.7	





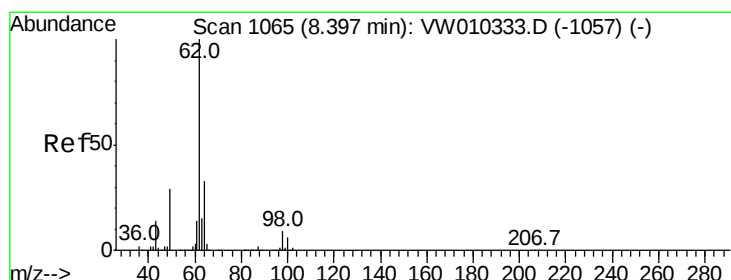
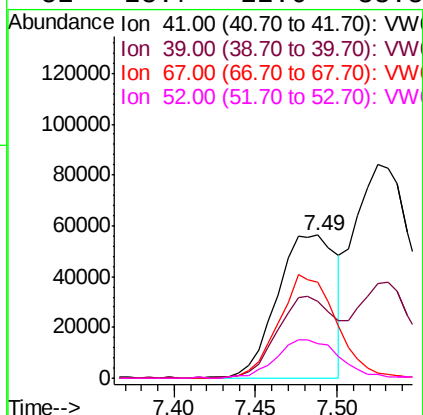
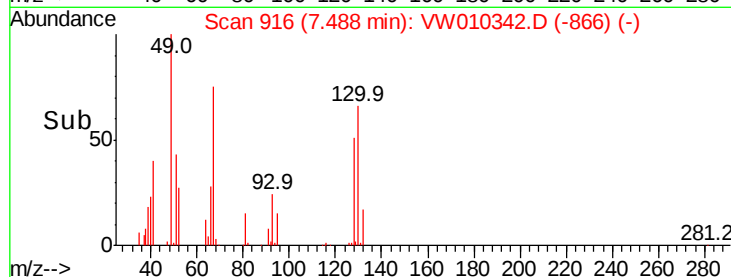
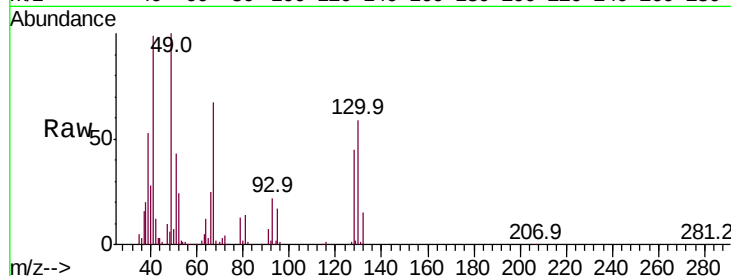
#41
Methacrylonitrile
Concen: 18.371 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.7	45.0	67.4
67	71.1	50.7	76.1
52	28.7	22.6	33.8

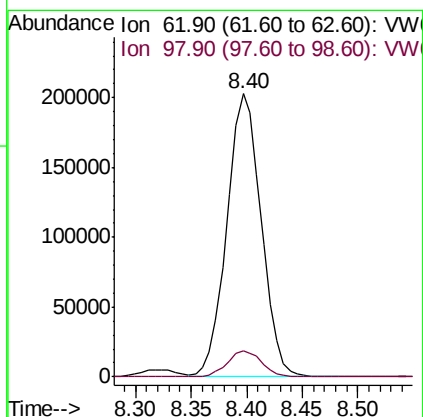
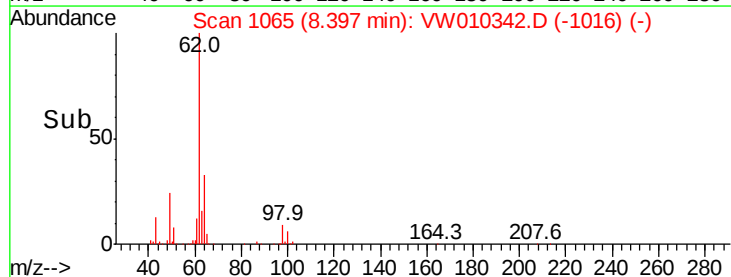
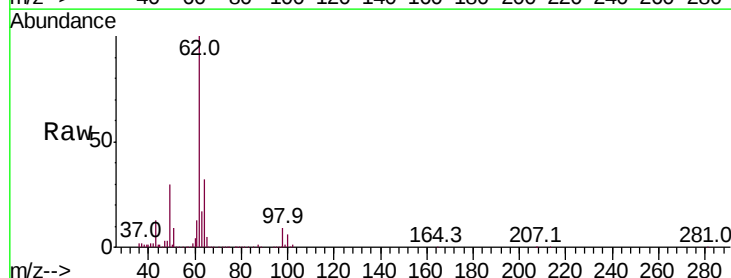
Manual Integrations
APPROVED

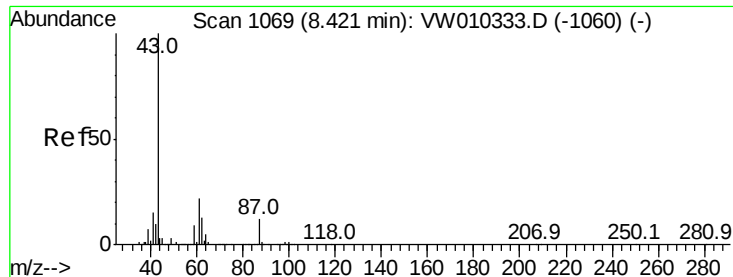
MMDadoda
5/10/2019 10:07:53 AM



#42
1,2-Dichloroethane
Concen: 21.414 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.910 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

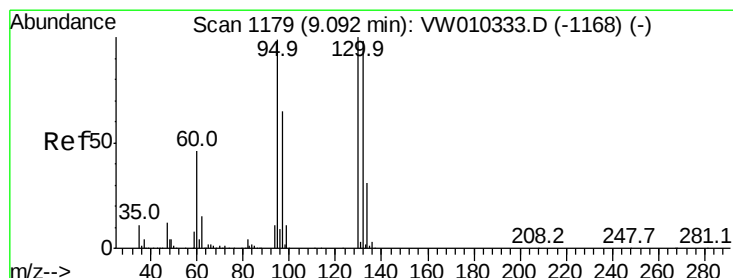
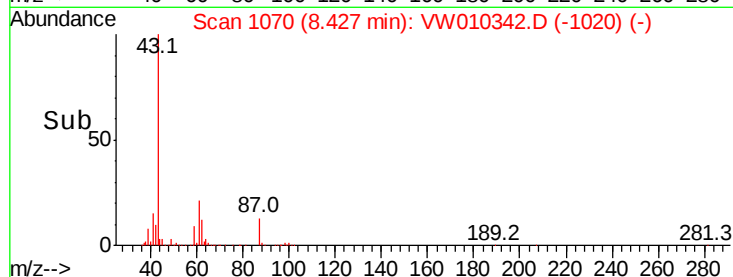
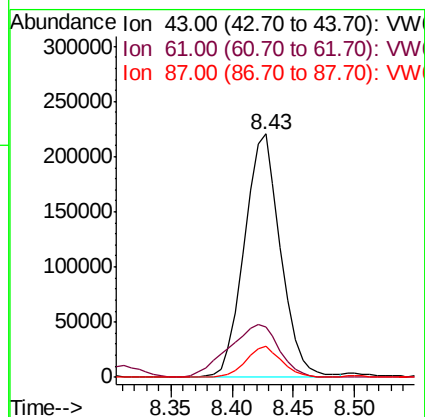
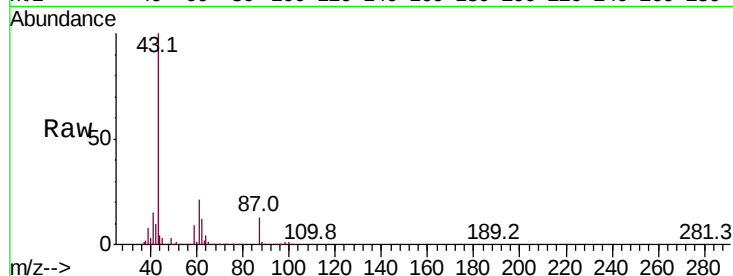
ClientSampleId :

VW0509SBS01

Tot Ion:	43	Resp:	452852
Ion Ratio	Lower	Upper	
43	100		
61	30.3	23.0	34.6
87	12.5	9.3	13.9

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#44

Trichloroethene

Concen: 19.766 ug/l

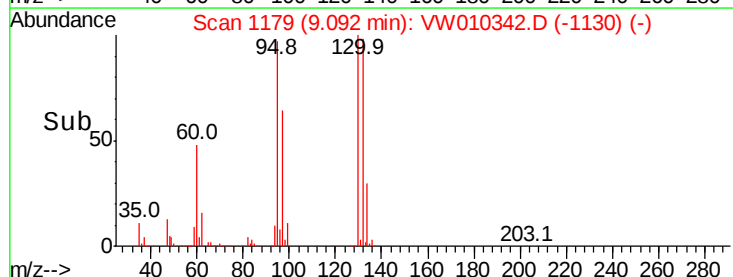
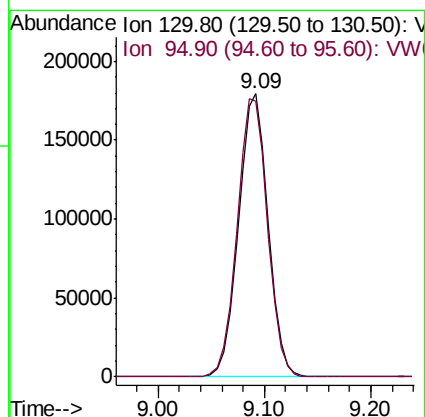
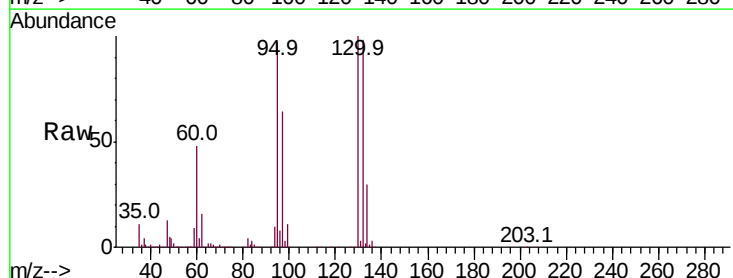
RT: 9.09 min Scan# 1179

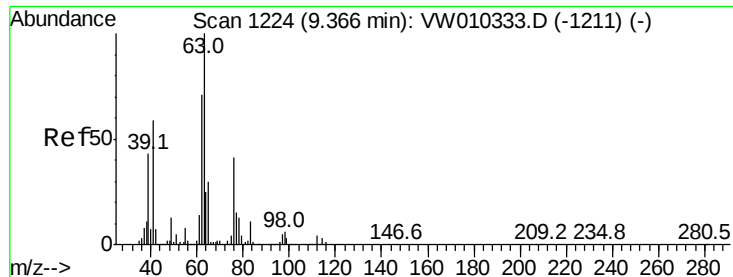
Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Tgt Ion:	130	Resp:	349076
Ion Ratio	Lower	Upper	
130	100		
95	97.3	0.0	205.4





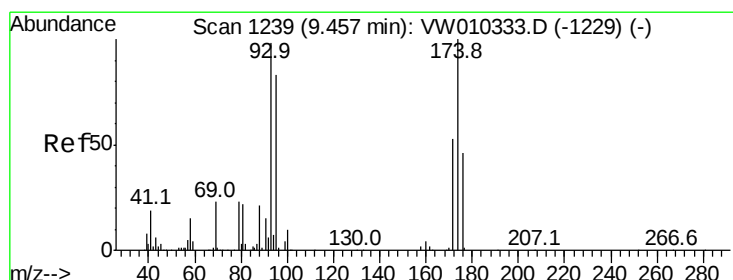
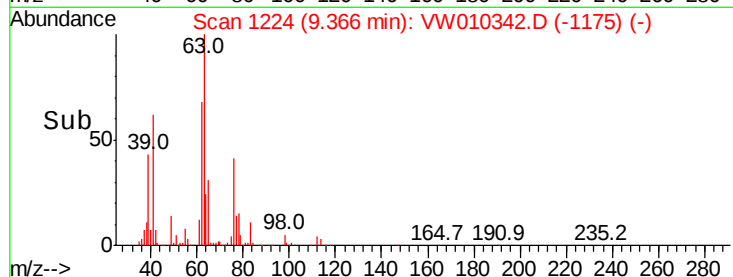
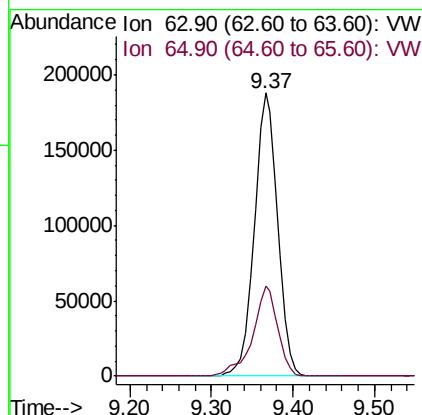
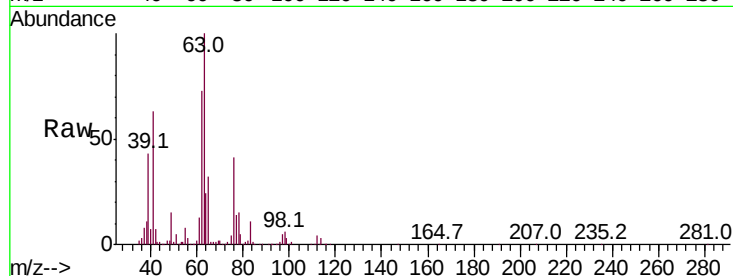
#45
 1,2-Dichloropropane
 Concen: 21.488 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW010342.D
 Acq: 09 May 2019 17:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	23.8	35.6

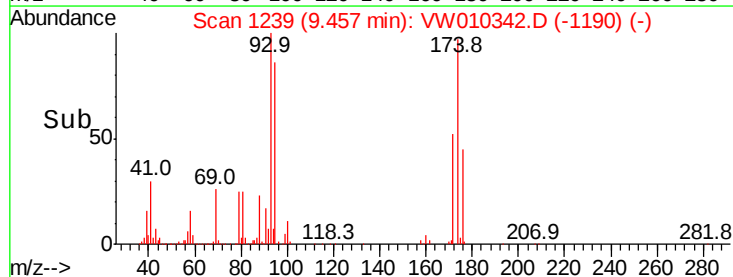
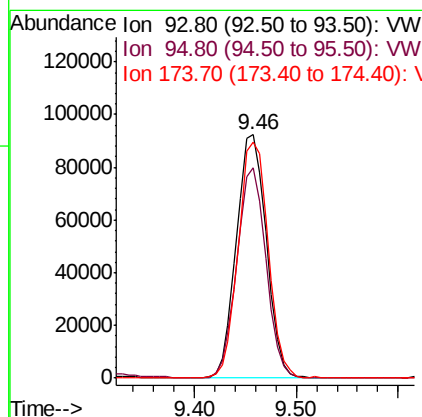
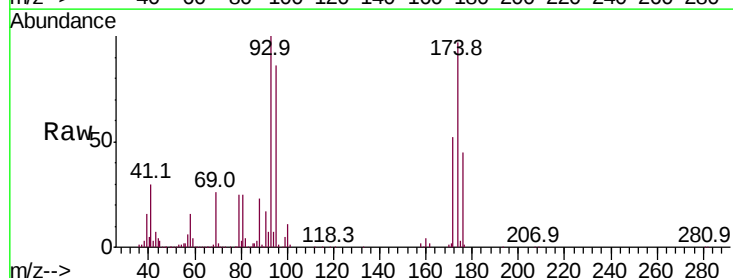
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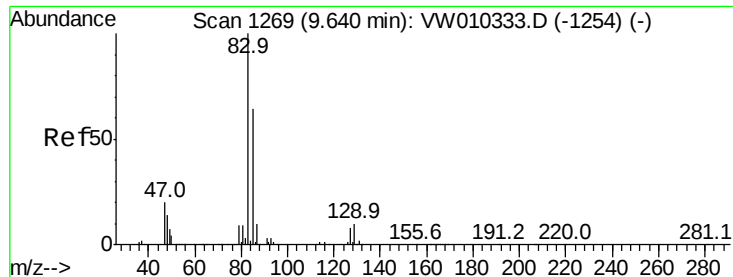
MMDadoda
 5/10/2019 10:07:53 AM



#46
 Dibromomethane
 Concen: 20.784 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW010342.D
 Acq: 09 May 2019 17:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	65.8	98.8
174	96.8	75.5	113.3





#47

Bromodichloromethane

Concen: 21.016 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

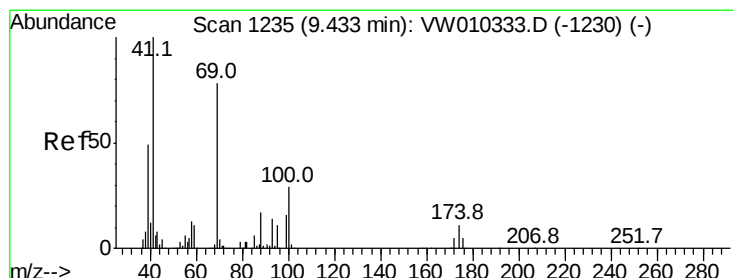
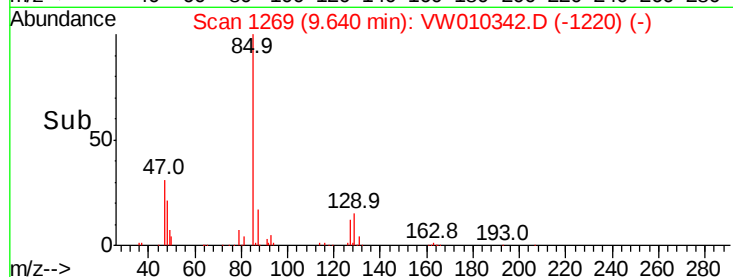
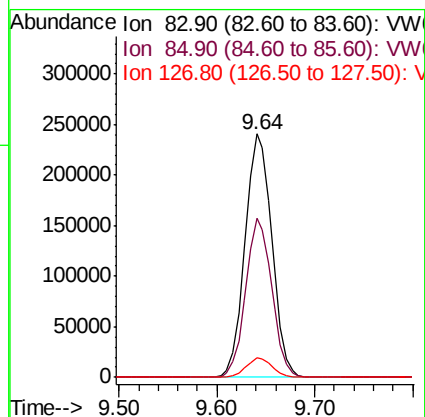
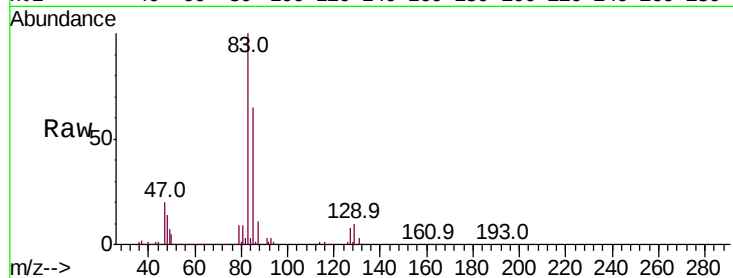
ClientSampleId :

VW0509SBS01

Tot Ion:	83	Resp:	456667
Ion Ratio	Lower	Upper	
83	100		
85	65.3	50.6	75.8
127	8.0	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.772 ug/l

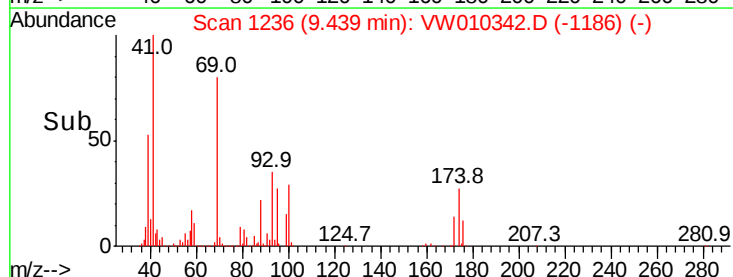
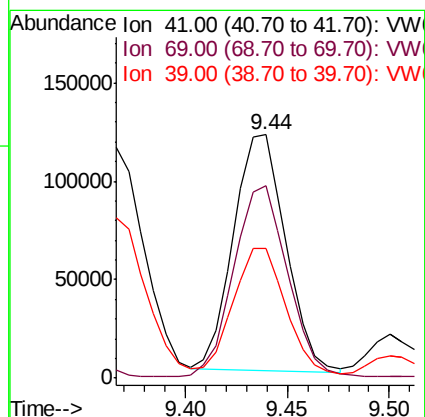
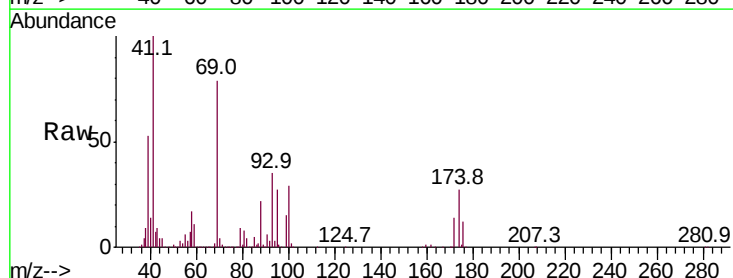
RT: 9.44 min Scan# 1236

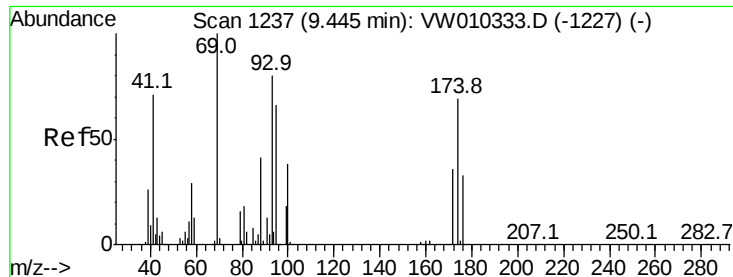
Delta R.T. 0.01 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Tgt Ion:	41	Resp:	212638
Ion Ratio	Lower	Upper	
41	100		
69	85.8	60.1	90.1
39	53.1	51.0	76.6





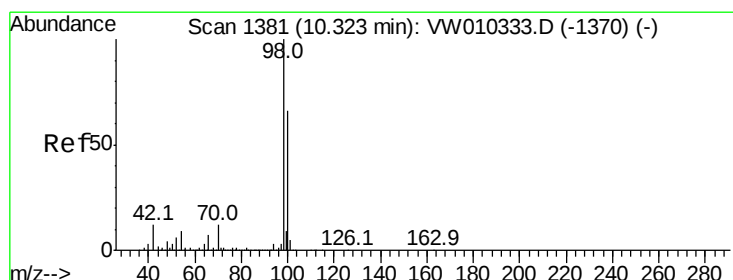
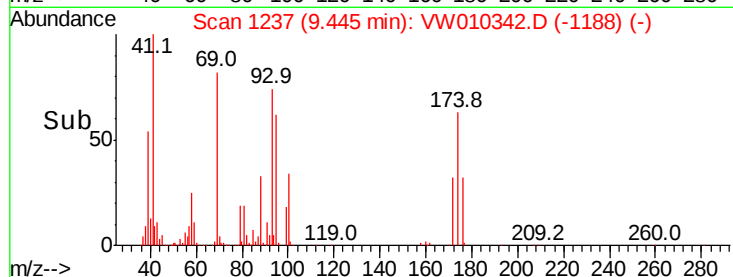
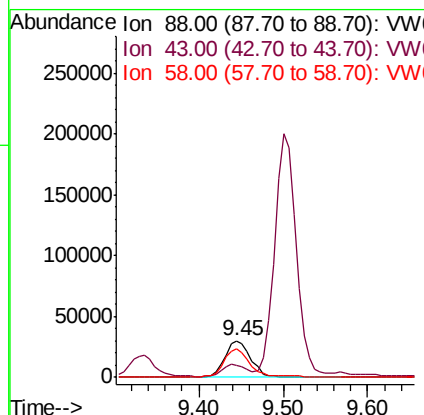
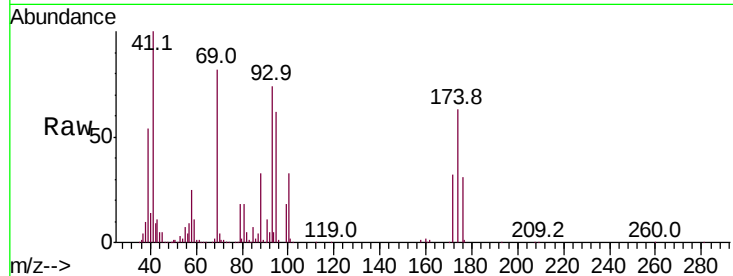
#49
1,4-Dioxane
Concen: 400.248 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	31.9	47.9#
58	77.6	61.8	92.6

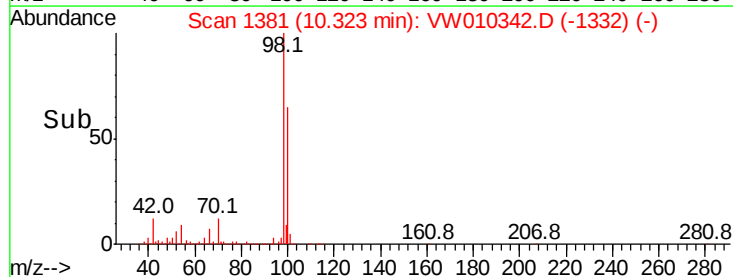
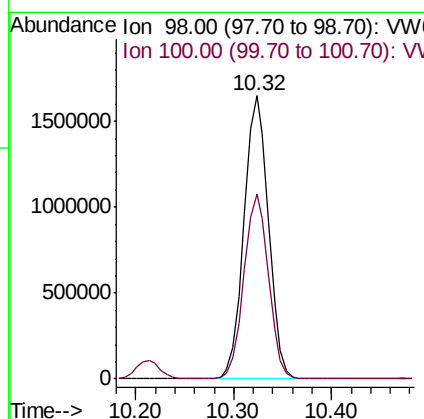
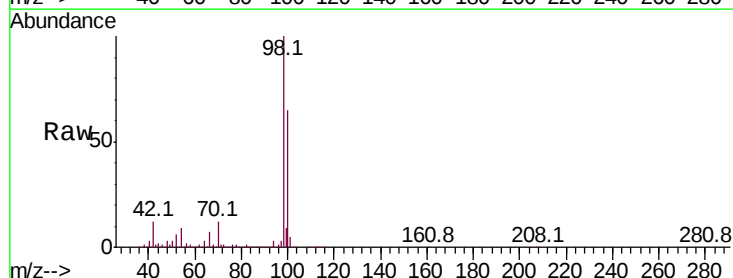
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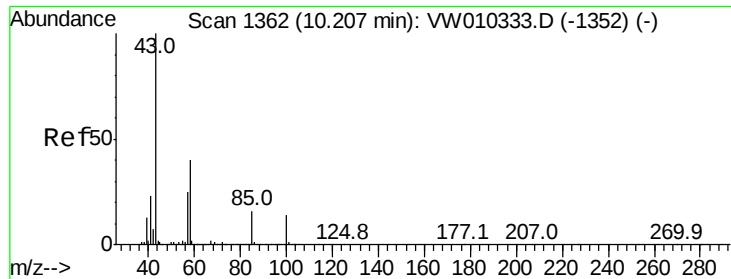
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#50
Toluene-d8
Concen: 50.470 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.3	78.5





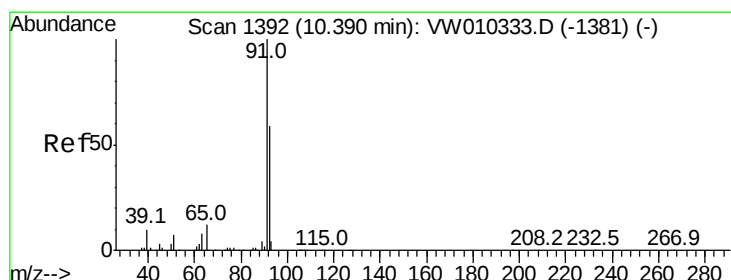
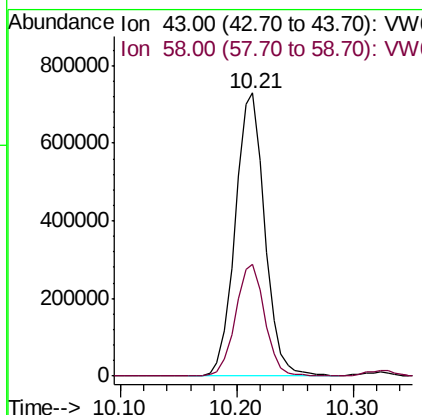
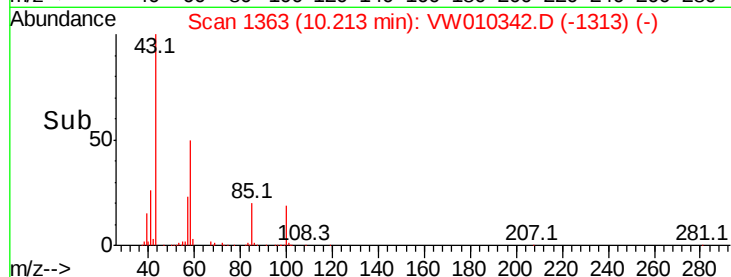
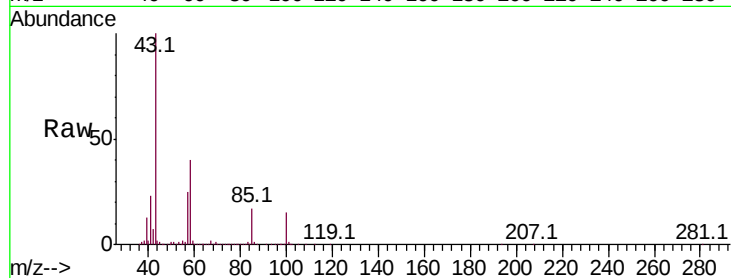
#51
4-Methyl-2-Pentanone
Concen: 98.815 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion: 43 Resp: 1288773
Ion Ratio Lower Upper
43 100
58 39.2 28.9 43.3

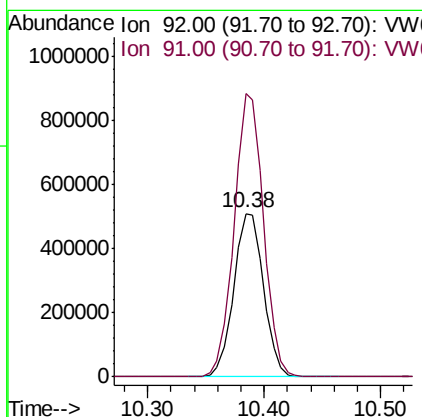
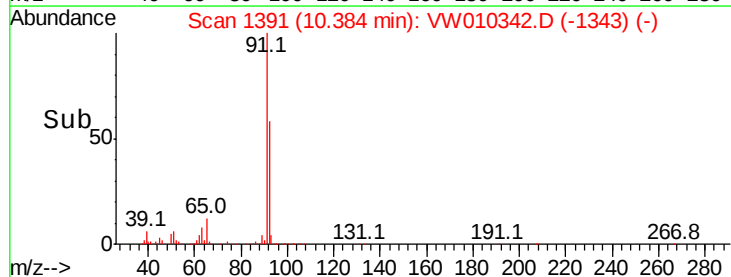
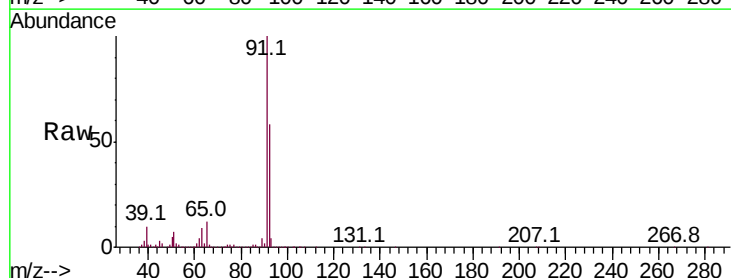
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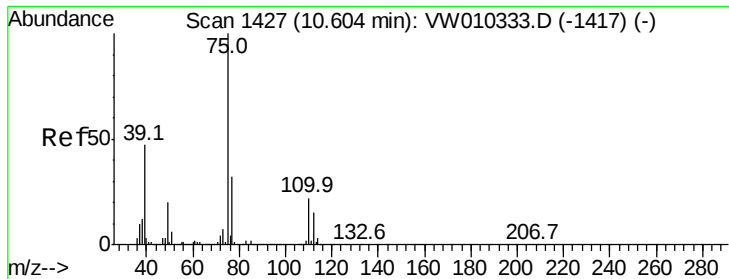
MMDadoda
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#52
Toluene
Concen: 21.104 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Tgt Ion: 92 Resp: 909954
Ion Ratio Lower Upper
92 100
91 170.4 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.165 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 75 Resp: 465848

Ion Ratio Lower Upper

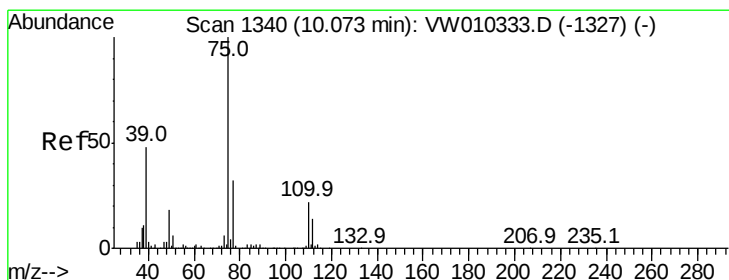
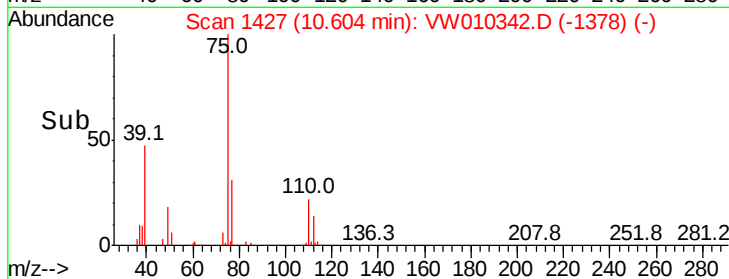
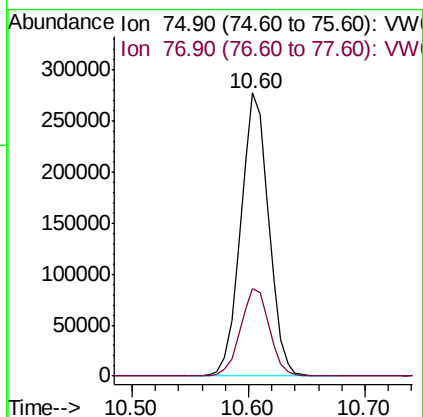
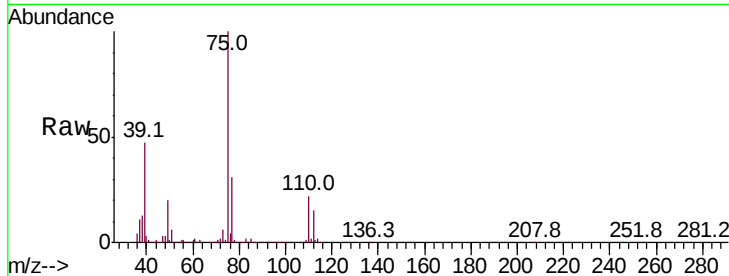
75 100

77 31.1 26.9 40.3

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 21.242 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

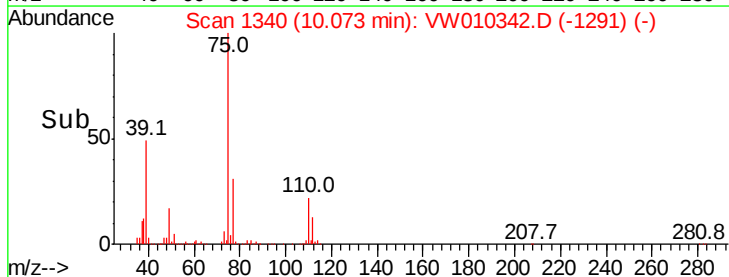
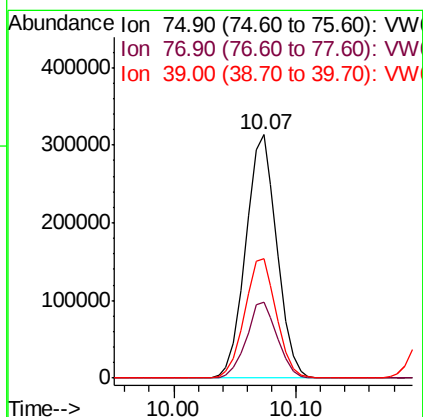
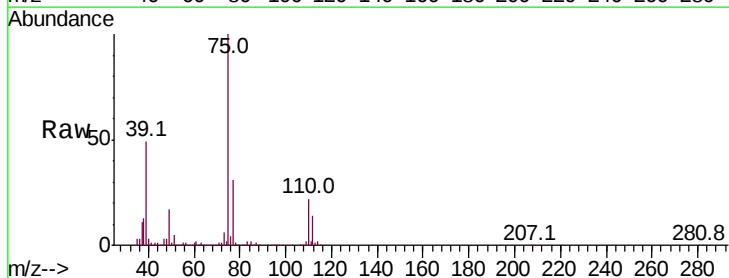
Tgt Ion: 75 Resp: 553721

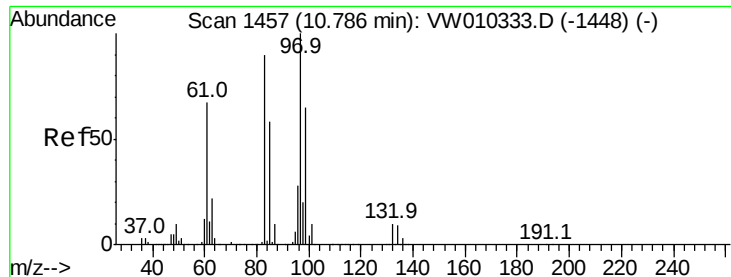
Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 49.0 47.8 71.6





#55

1,1,2-Trichloroethane

Concen: 20.828 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

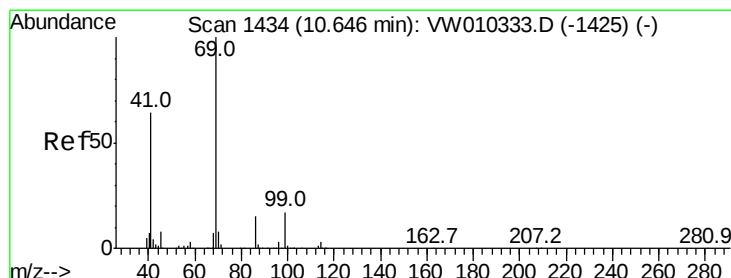
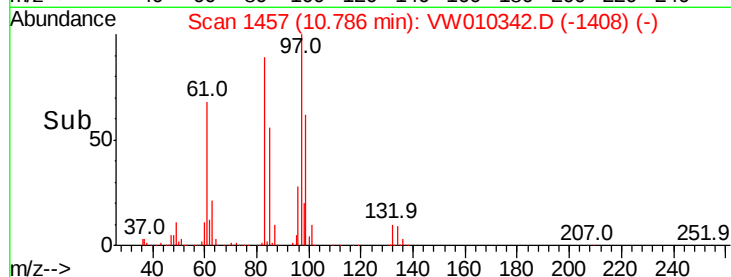
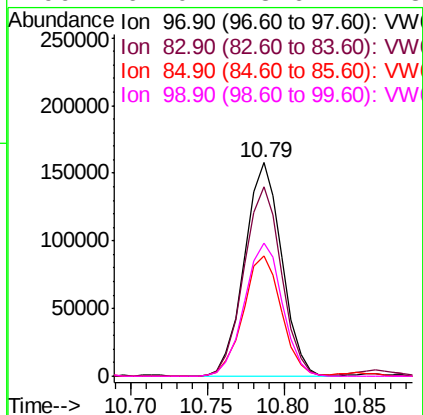
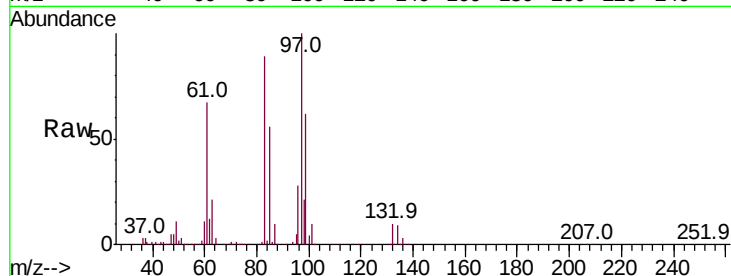
ClientSampleId :

VW0509SBS01

Tot Ion	97	Resp	267984
Ion Ratio	Lower	Upper	
97	100		
83	88.7	68.9	103.3
85	56.2	42.9	64.3
99	62.0	48.6	72.8

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#56

Ethyl methacrylate

Concen: 20.943 ug/l

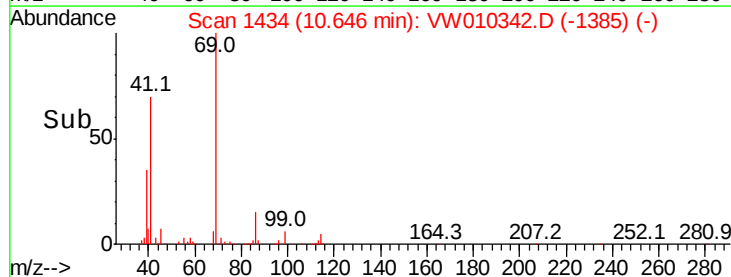
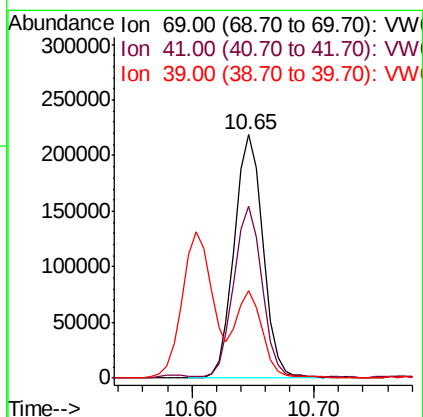
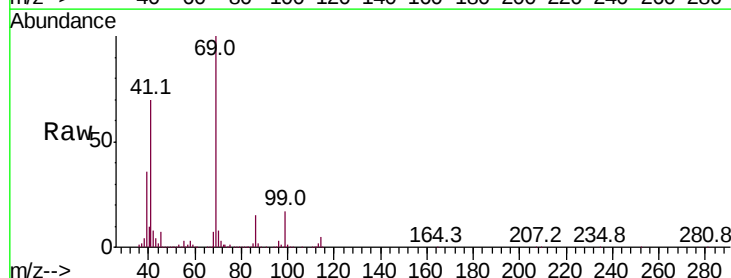
RT: 10.65 min Scan# 1434

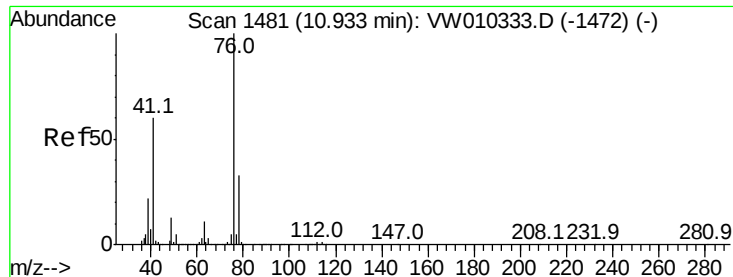
Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Tgt Ion	69	Resp	355822
Ion Ratio	Lower	Upper	
69	100		
41	69.4	61.0	91.6
39	32.6	33.8	50.6#





#57

1,3-Dichloropropane

Concen: 21.161 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 76 Resp: 486725

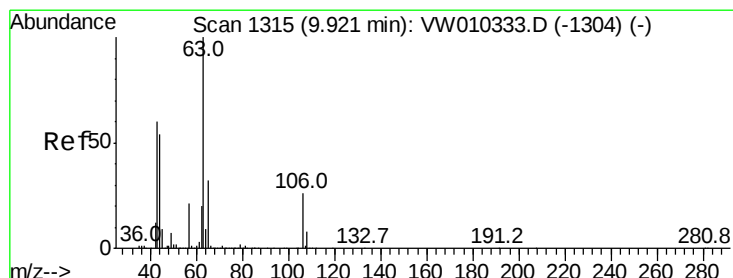
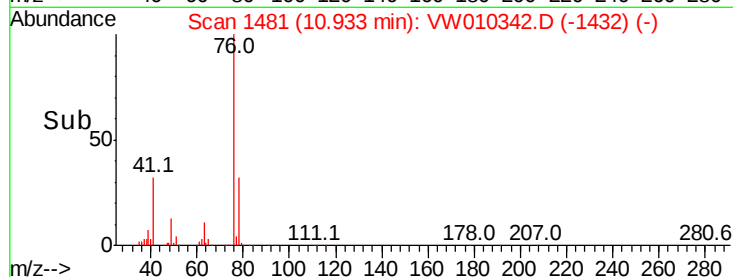
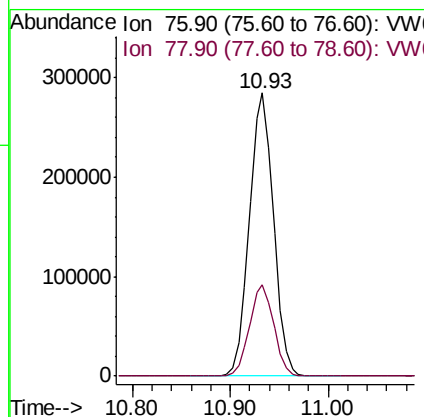
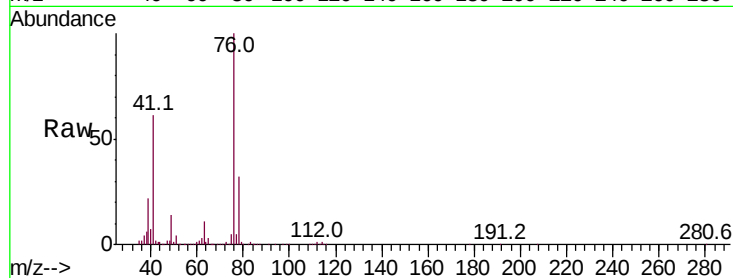
Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 108.856 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW010342.D

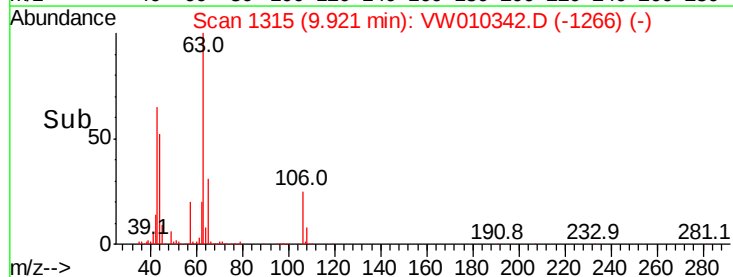
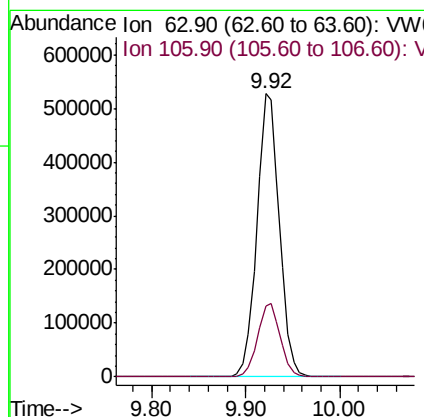
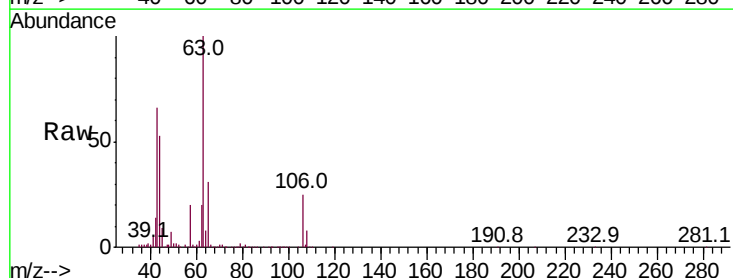
Acq: 09 May 2019 17:48

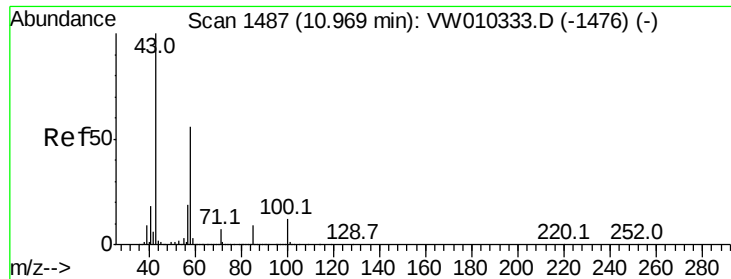
Tgt Ion: 63 Resp: 885516

Ion Ratio Lower Upper

63 100

106 26.2 21.4 32.0





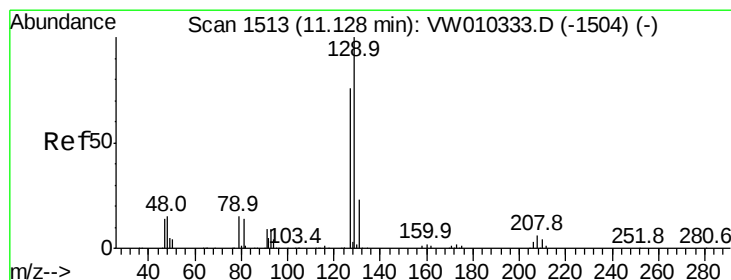
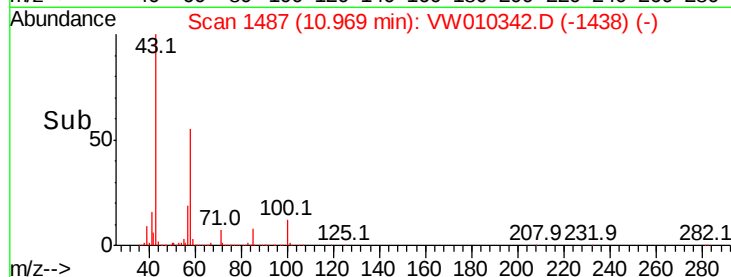
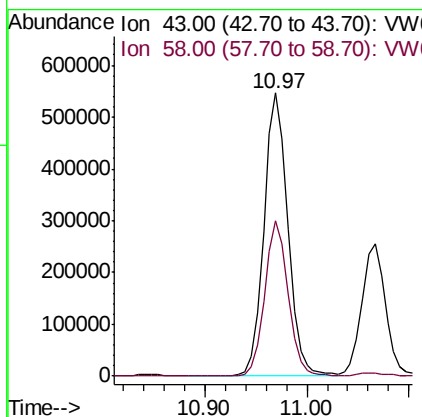
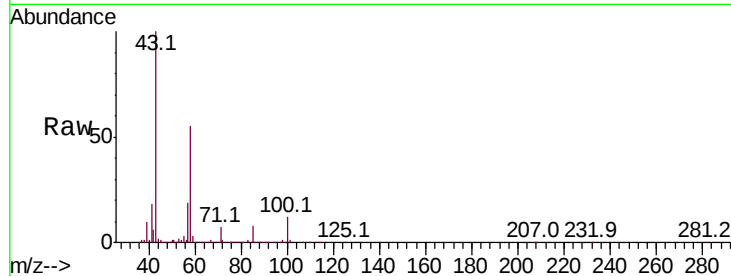
#59
2-Hexanone
Concen: 96.448 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	43	58	Ratio	100	53.7	Resp	889381	Lower	Upper
	43	58	100	53.7	24.9	74.7			

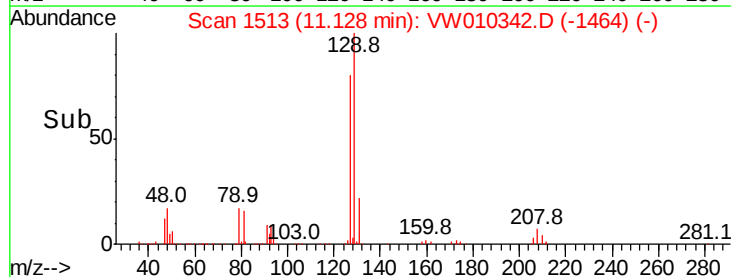
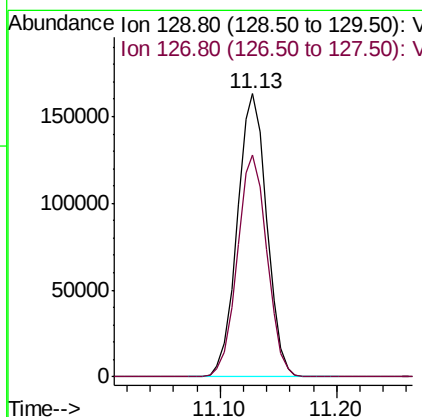
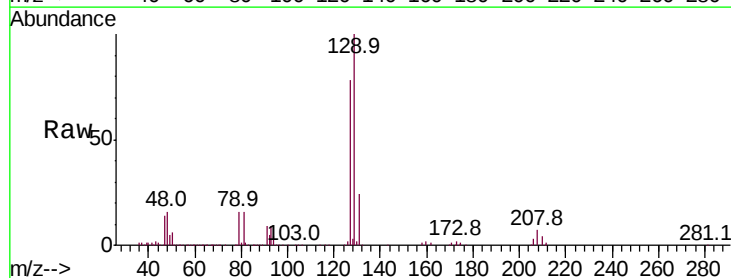
Manual Integrations
APPROVED

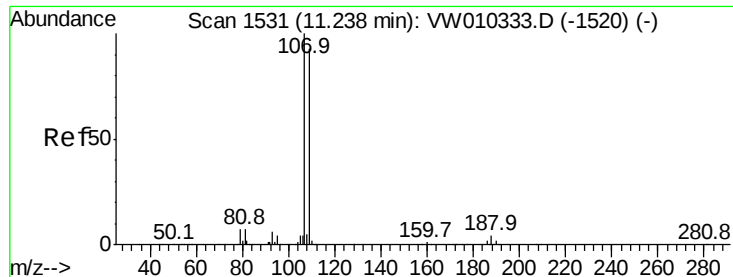
MMDadoda
5/10/2019 10:07:53 AM



#60
Dibromochloromethane
Concen: 20.780 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Tgt Ion	129	127	Ratio	100	78.9	Resp	287702	Lower	Upper
	129	127	100	78.9	38.6	116.0			





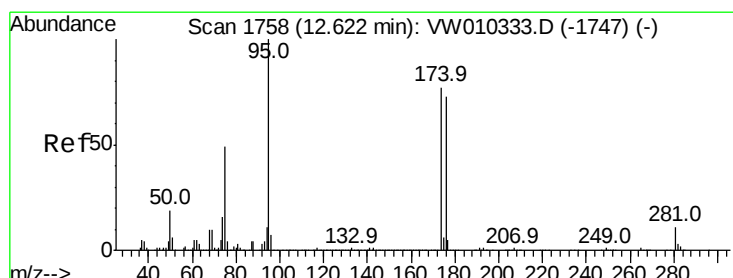
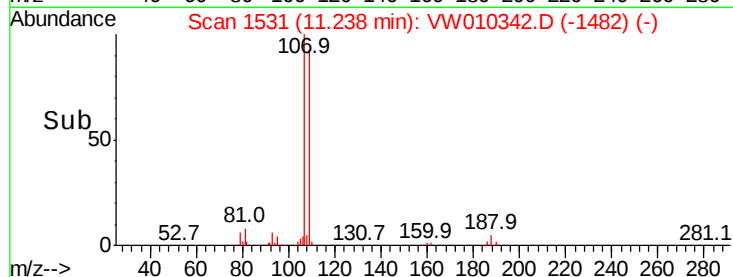
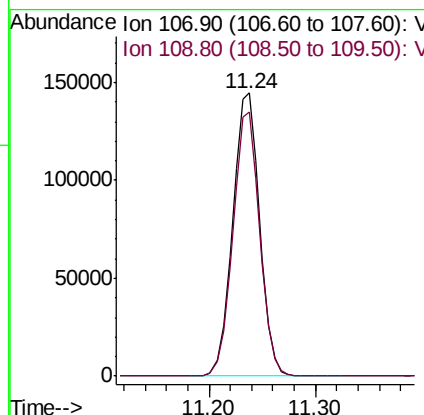
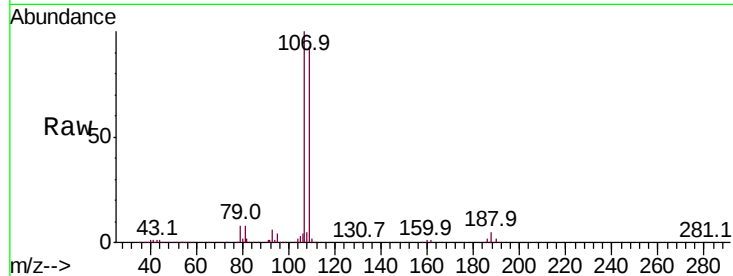
#61
 1,2-Dibromoethane
 Concen: 20.686 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010342.D
 Acq: 09 May 2019 17:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	73.6	110.4

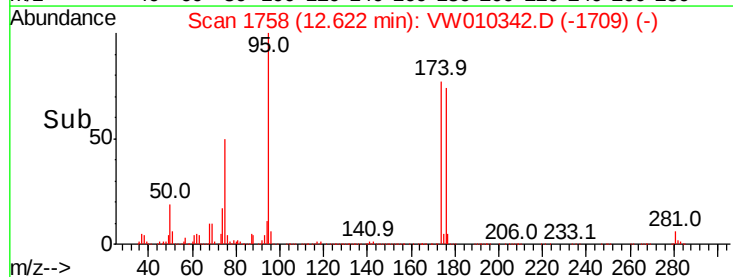
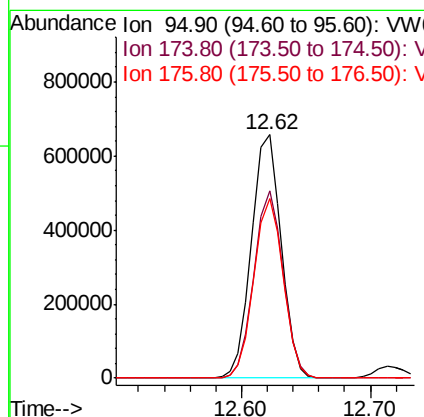
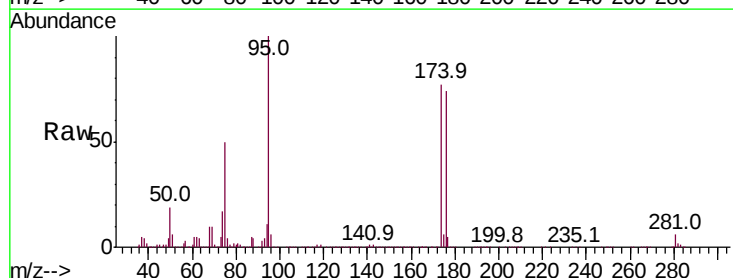
Manual Integrations
 APPROVED

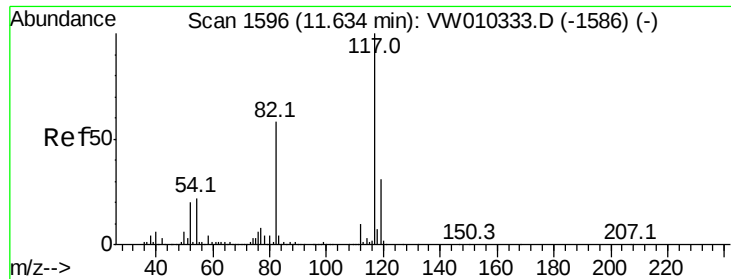
MMDadoda
 5/10/2019 10:07:53 AM



#62
 4-Bromofluorobenzene
 Concen: 52.489 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010342.D
 Acq: 09 May 2019 17:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	151.4
176	72.9	0.0	146.2





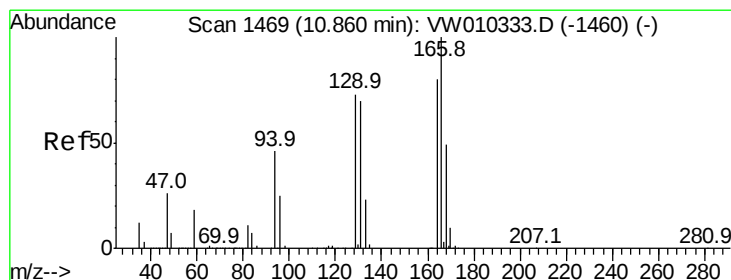
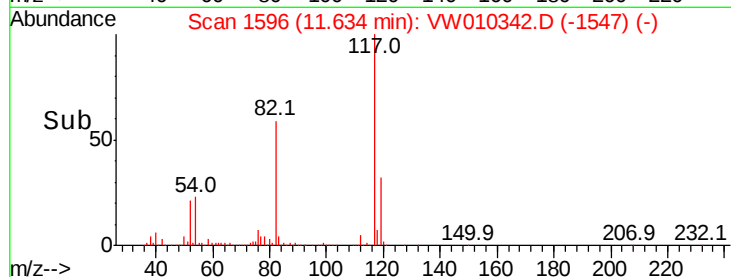
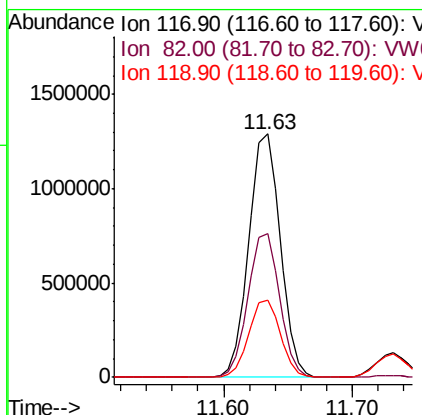
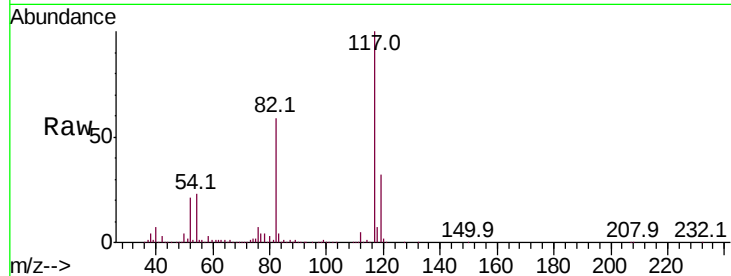
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion:117 Resp: 2176268
Ion Ratio Lower Upper
117 100
82 59.0 45.2 67.8
119 31.6 25.4 38.2

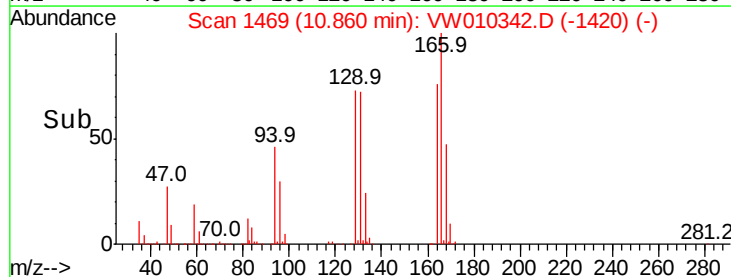
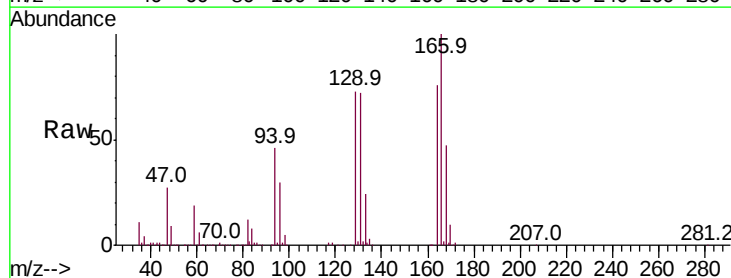
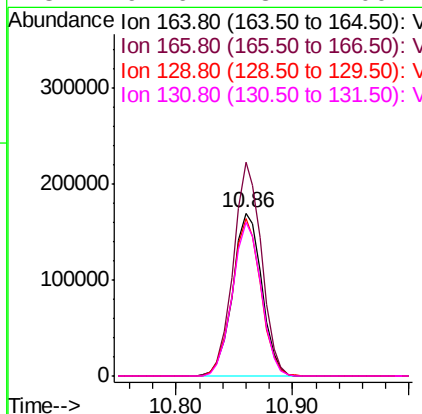
Manual Integrations
APPROVED

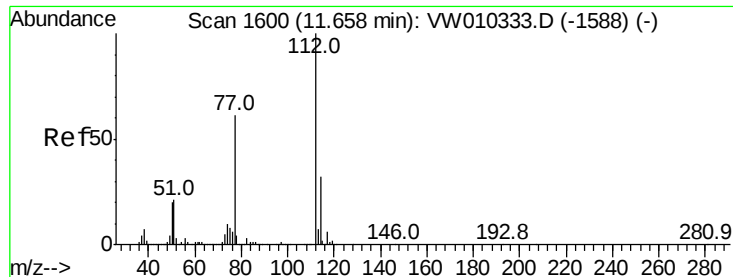
MMDadoda
5/10/2019 10:07:53 AM



#64
Tetrachloroethene
Concen: 19.352 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Tgt Ion:164 Resp: 294363
Ion Ratio Lower Upper
164 100
166 131.3 101.2 151.8
129 96.4 77.8 116.6
131 94.6 73.1 109.7





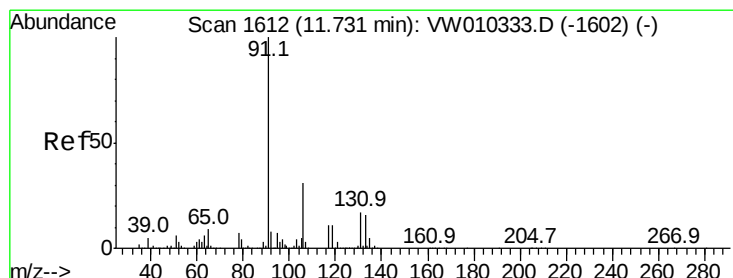
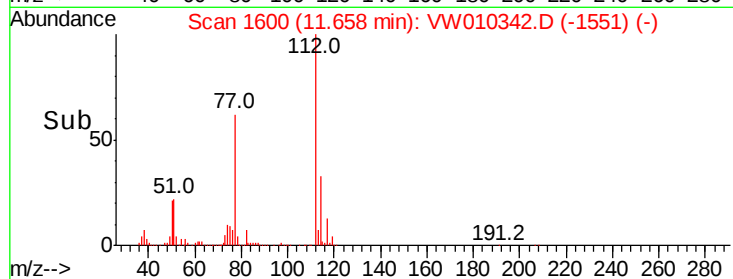
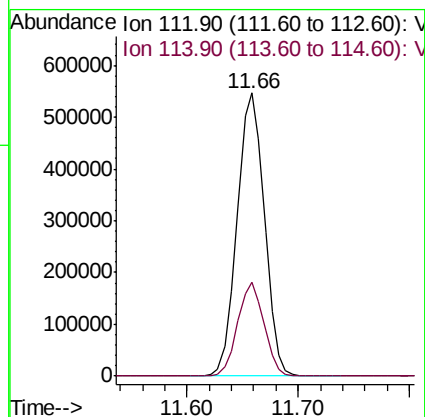
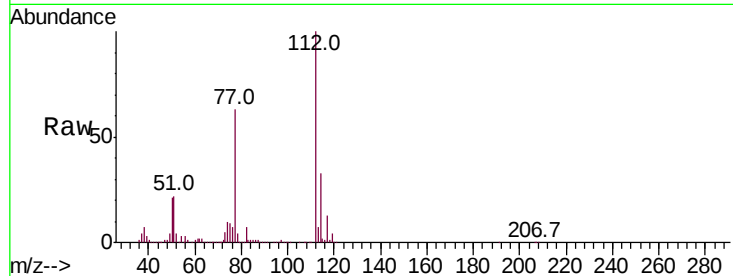
#65
Chlorobenzene
Concen: 20.534 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	26.5	39.7

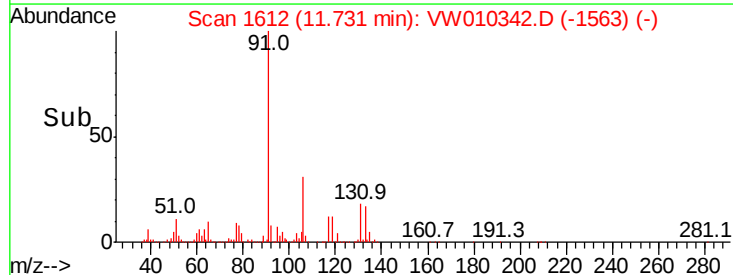
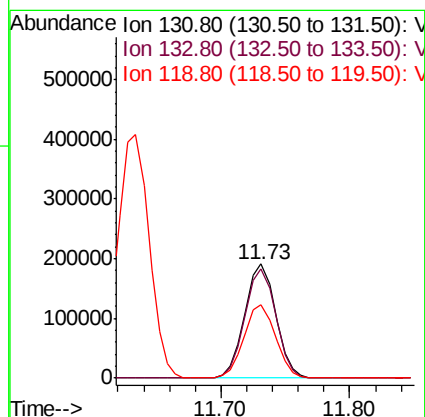
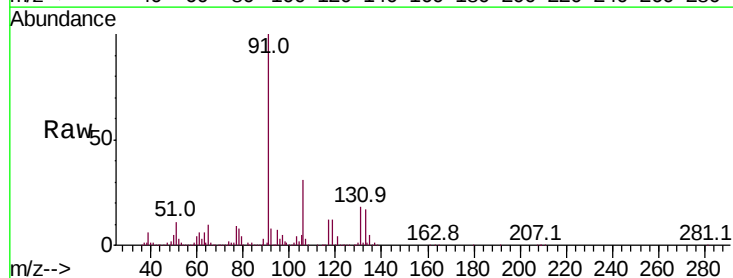
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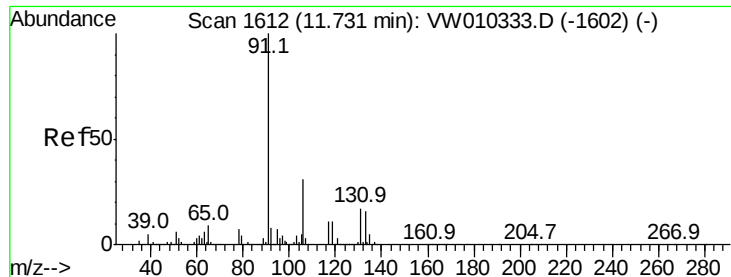
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.921 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	46.5	139.5
119	65.6	31.9	95.5





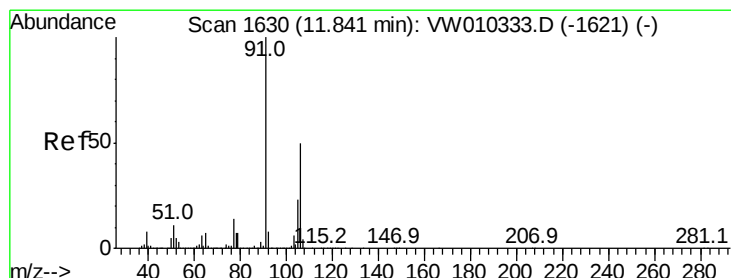
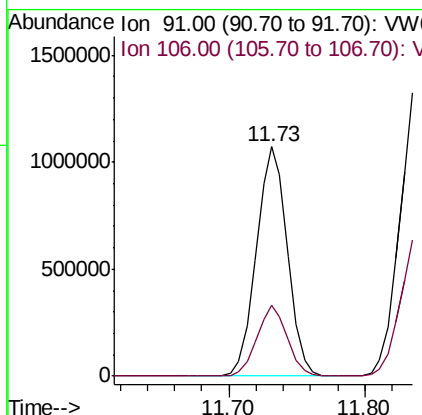
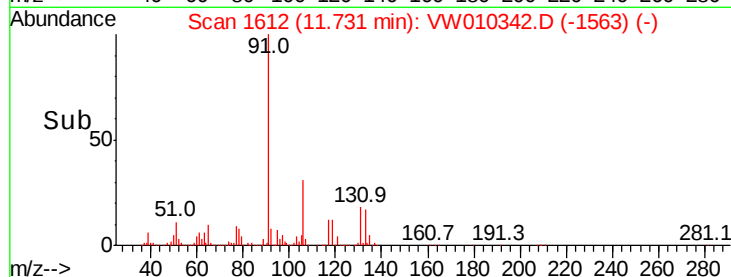
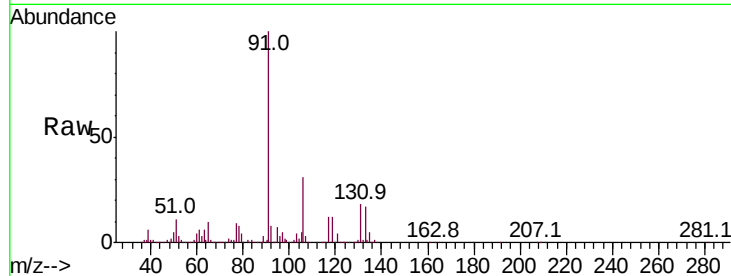
#67
Ethyl Benzene
Concen: 20.637 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion: 91 Resp: 1710311
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.8

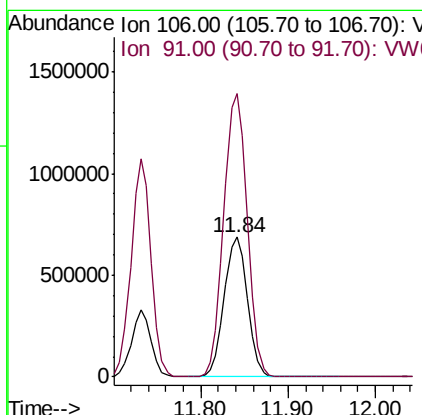
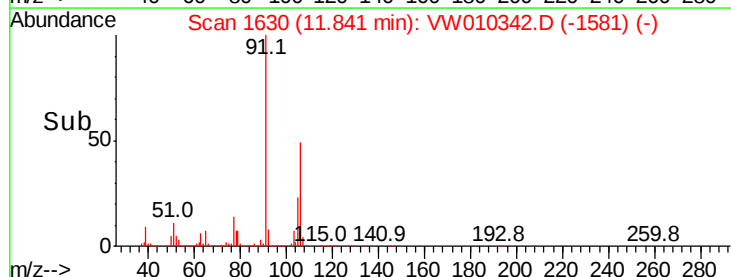
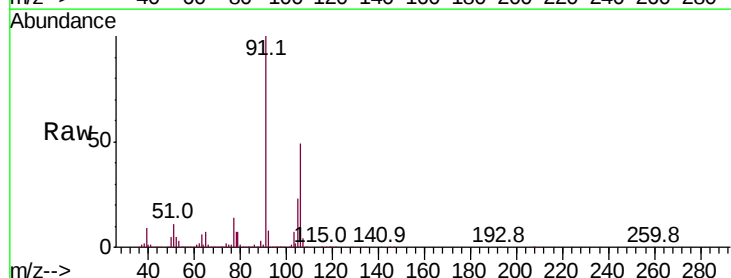
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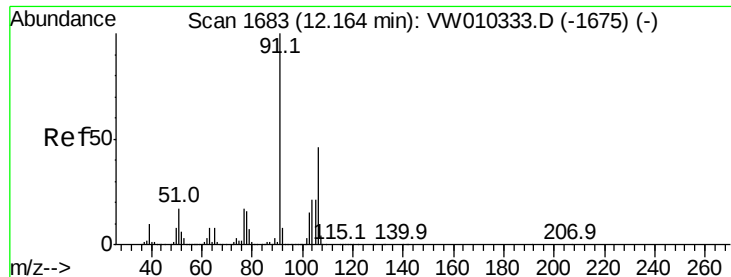
MMDadoda
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#68
m/p-Xylenes
Concen: 41.242 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Tgt Ion: 106 Resp: 1269897
Ion Ratio Lower Upper
106 100
91 204.7 165.0 247.6





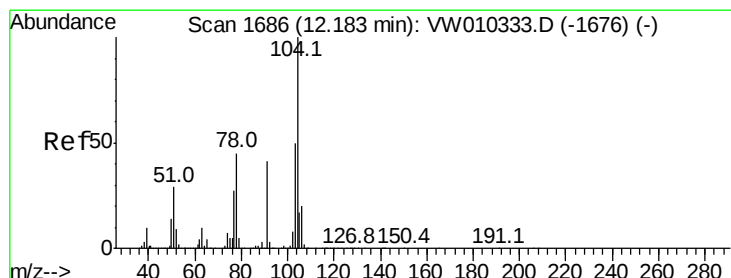
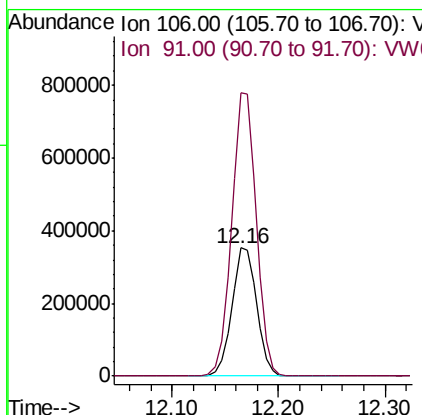
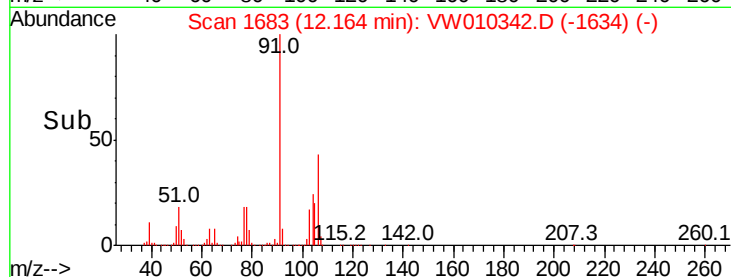
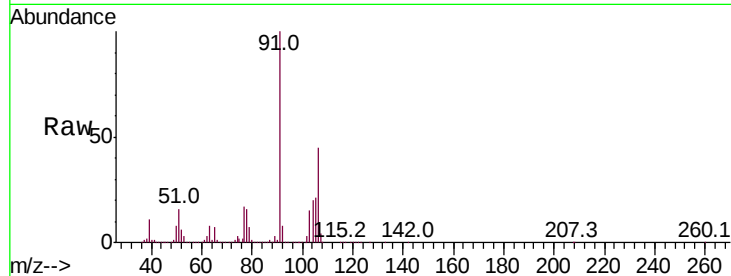
#69
o-Xylene
Concen: 20.673 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.6	110.5	331.4

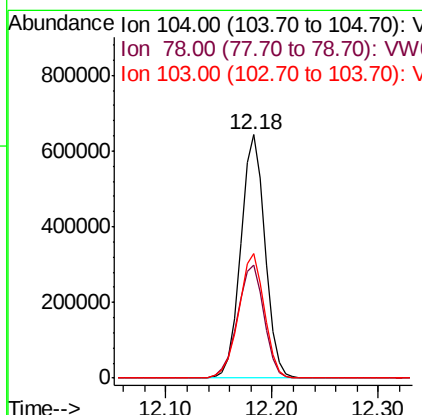
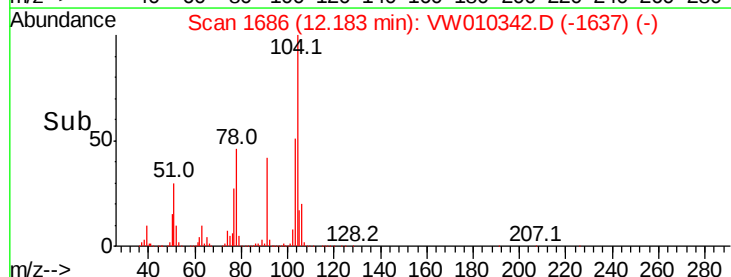
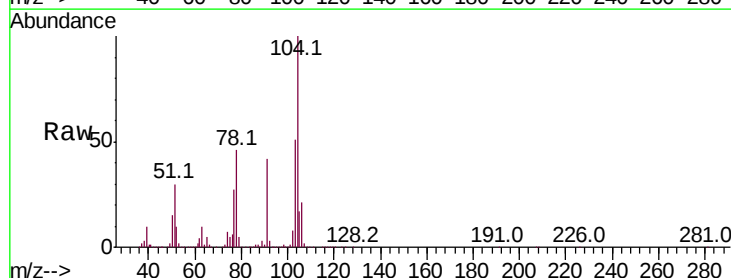
Manual Integrations
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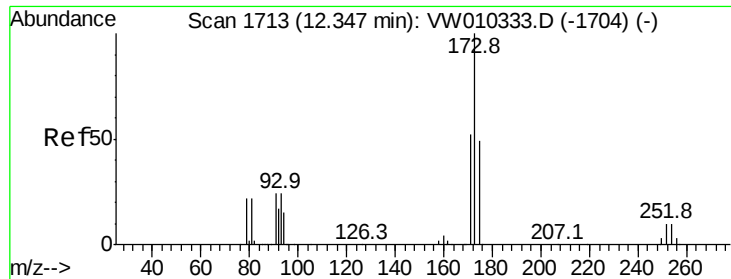
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#70
Styrene
Concen: 21.141 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.2	42.5	63.7
103	54.4	43.6	65.4





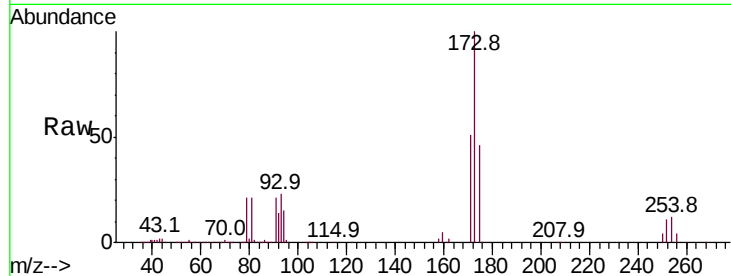
#71
Bromoform
Concen: 19.258 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

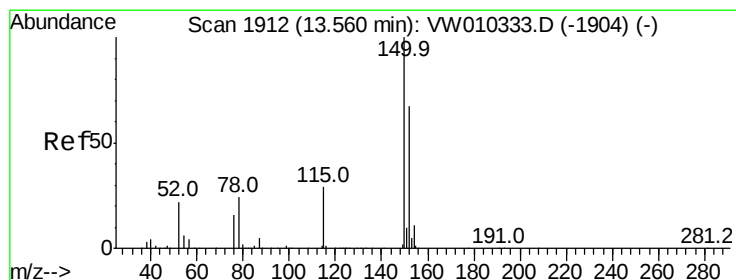
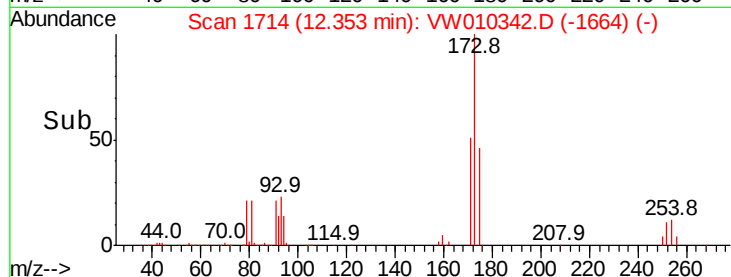
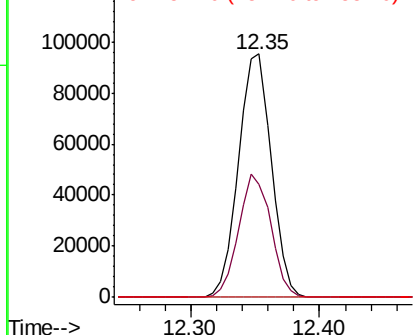
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	23.8	71.4
254	0.1	0.1	0.1

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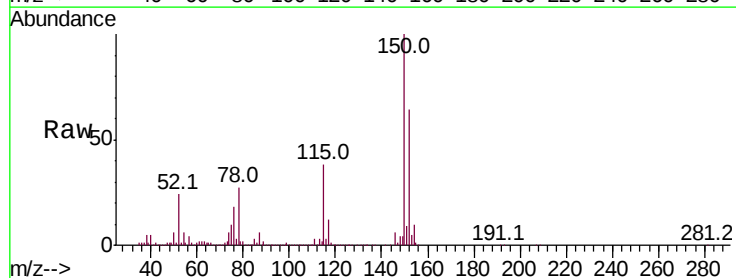


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

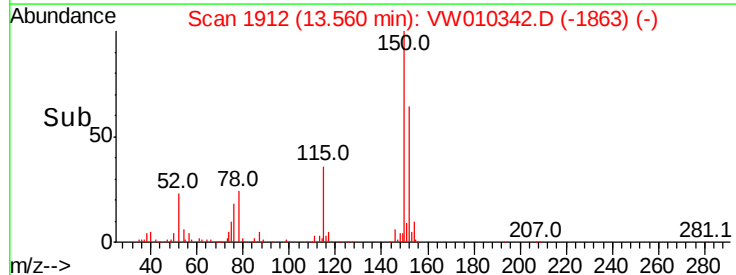
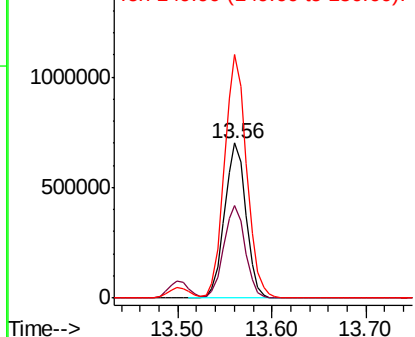


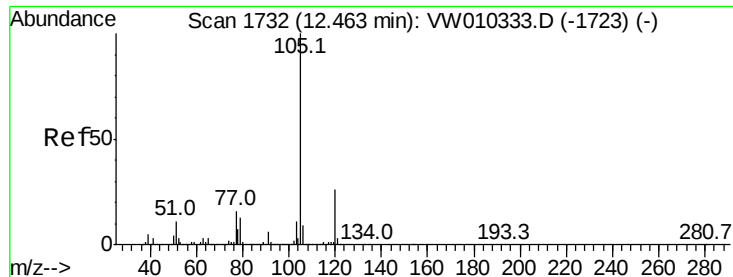
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.4	91.2
150	162.8	0.0	347.0



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: 19.671 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion:105 Resp: 1577338

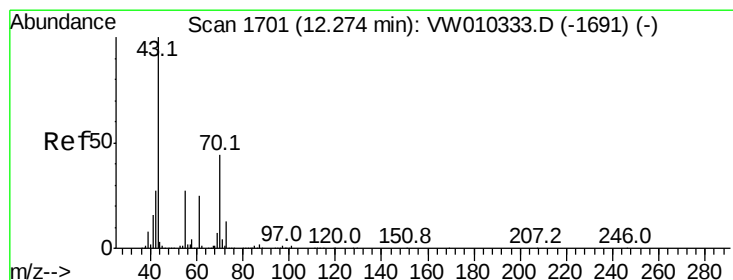
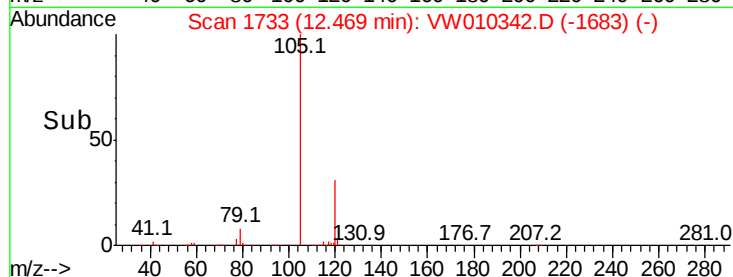
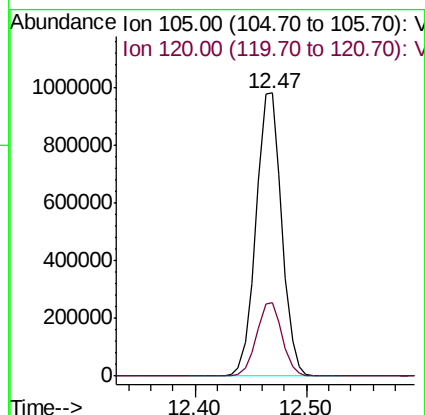
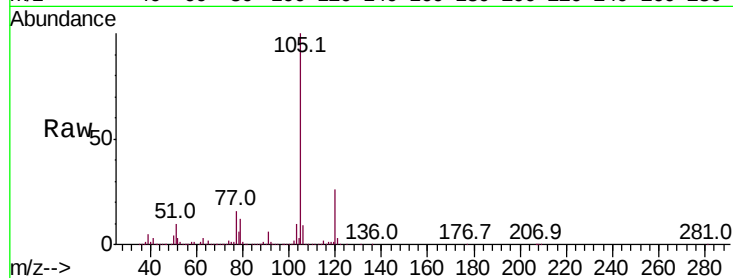
Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.1

Manual Integrations
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#74

N-ethyl acetate

Concen: 20.436 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Tgt Ion: 43 Resp: 423346

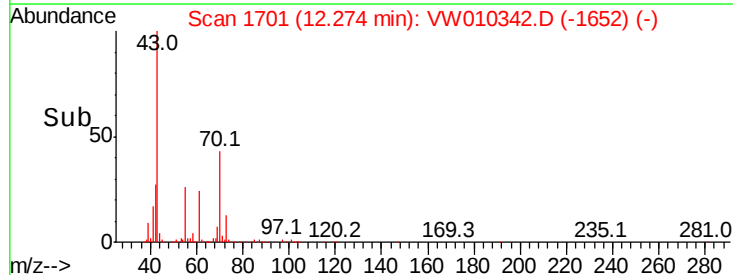
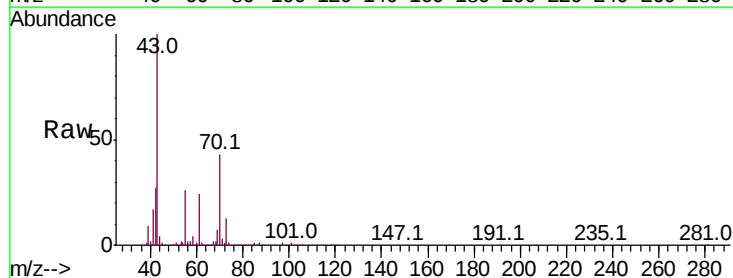
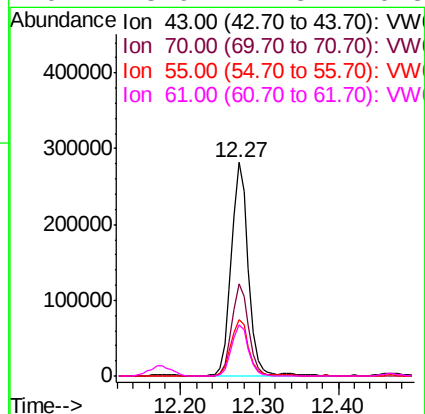
Ion Ratio Lower Upper

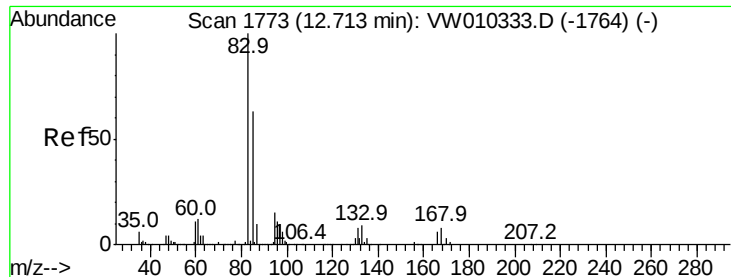
43 100

70 42.5 31.3 46.9

55 27.2 20.0 30.0

61 23.9 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.573 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

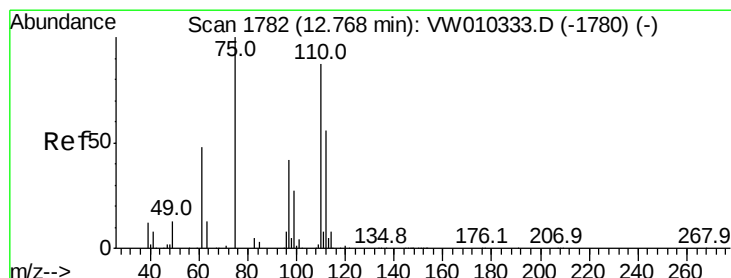
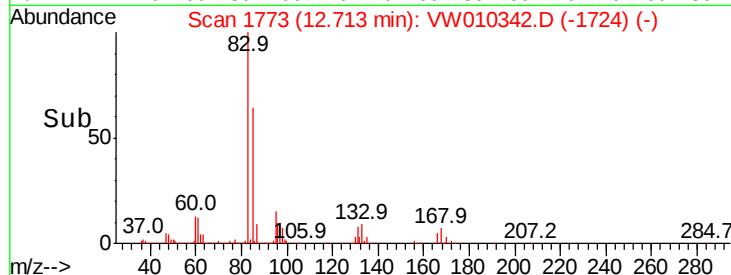
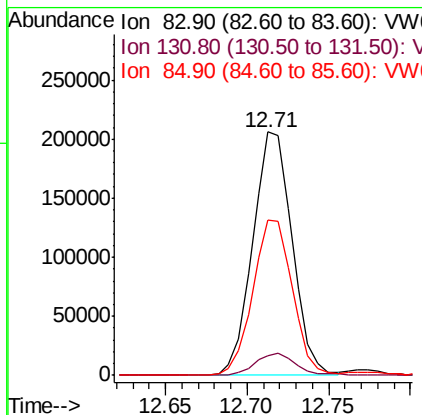
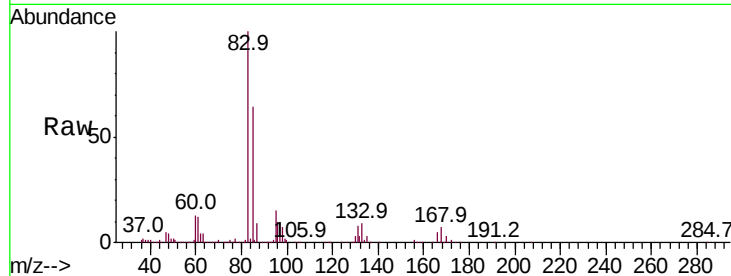
ClientSampleId :

VW0509SBSD01

Tot Ion:	83	Resp:	345803
Ion Ratio	Lower	Upper	
83	100		
131	9.4	5.3	15.8
85	64.1	32.0	96.2

Manual Integrations
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5/10/2019 10:07:53 AM



#76

1,2,3-Trichloropropane

Concen: 18.778 ug/l m

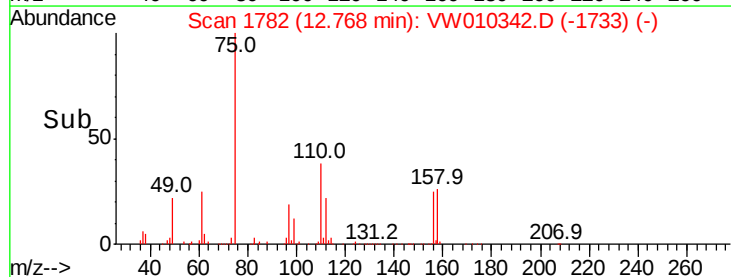
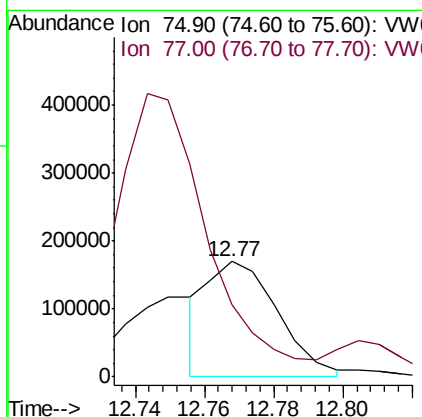
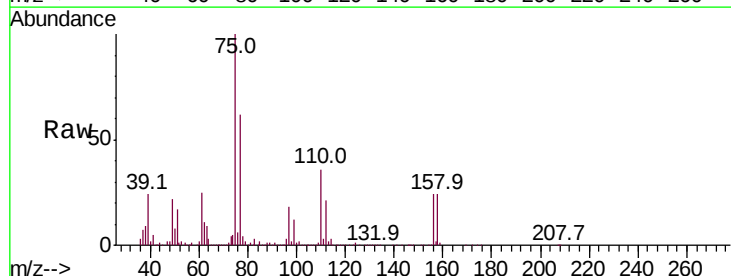
RT: 12.77 min Scan# 1782

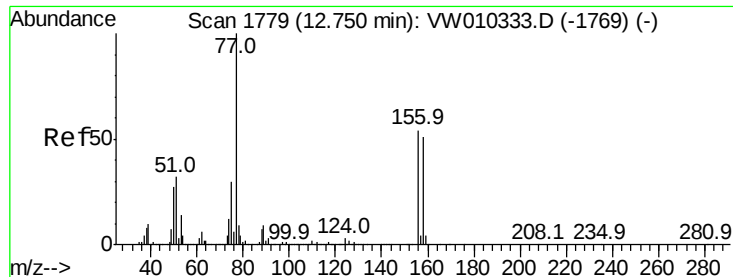
Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Tgt Ion:	75	Resp:	240853
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.083 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

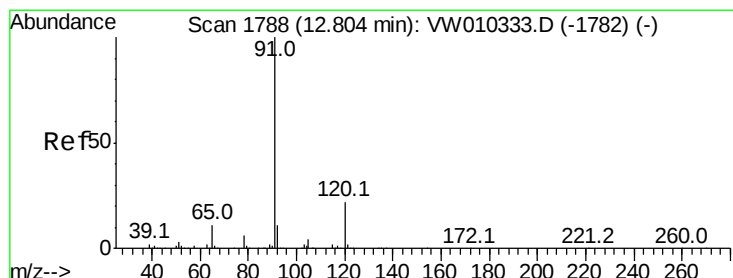
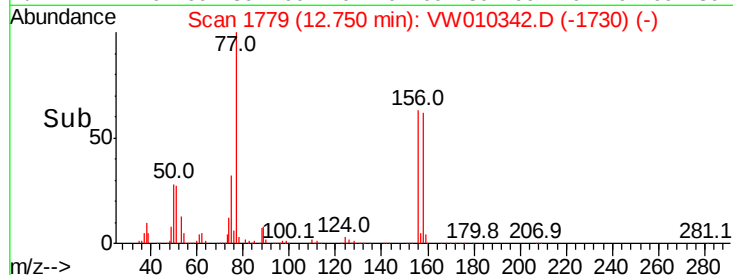
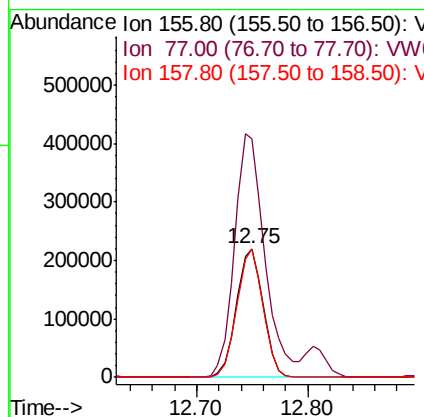
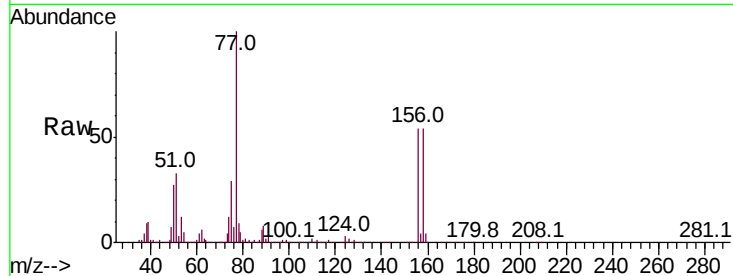
ClientSampleId :

VW0509SBSD01

Tot Ion:	156	Resp:	363617
Ion Ratio	Lower	Upper	
156	100		
77	215.5	102.5	307.4
158	97.6	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 20.130 ug/l

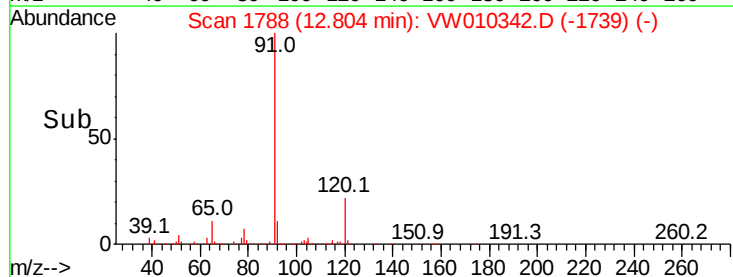
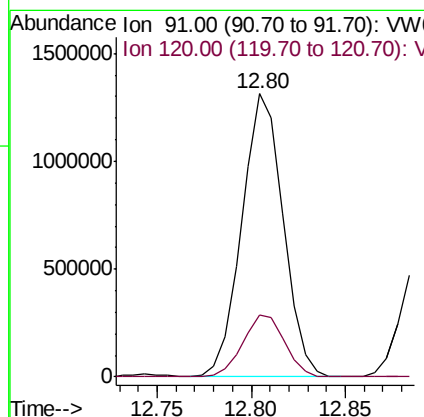
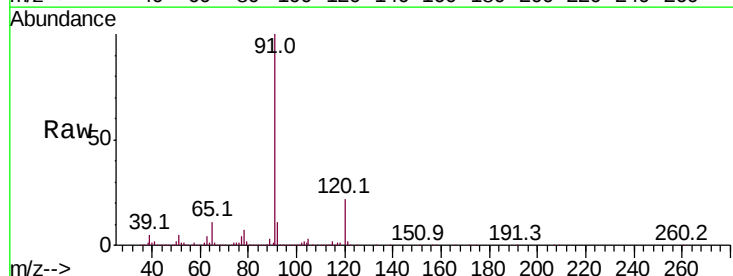
RT: 12.80 min Scan# 1788

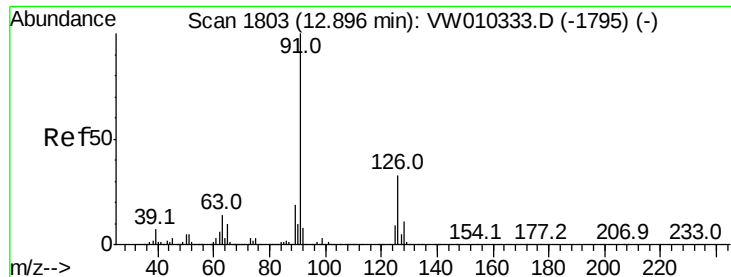
Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Tgt Ion:	91	Resp:	1993567
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.1	33.1





#79

2-Chlorotoluene

Concen: 20.097 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tot Ion: 91 Resp: 1133453

Ion Ratio Lower Upper

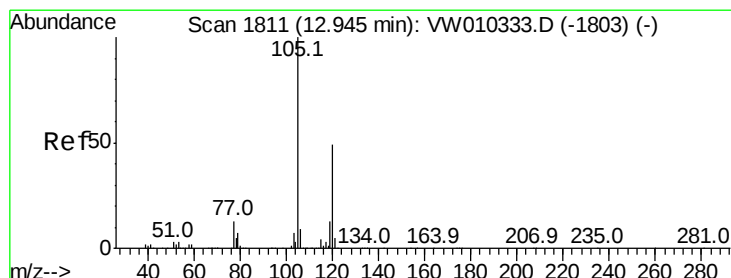
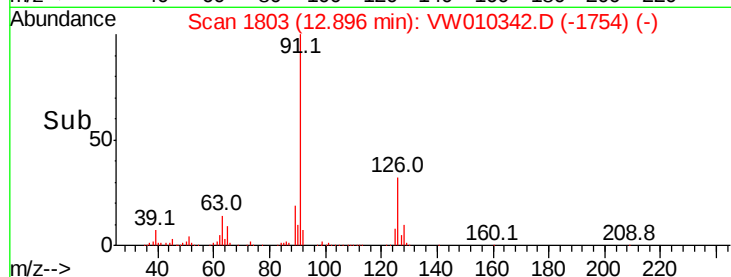
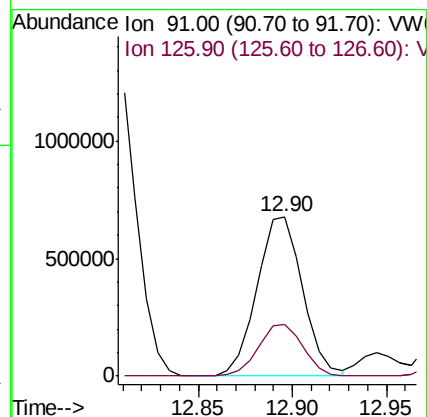
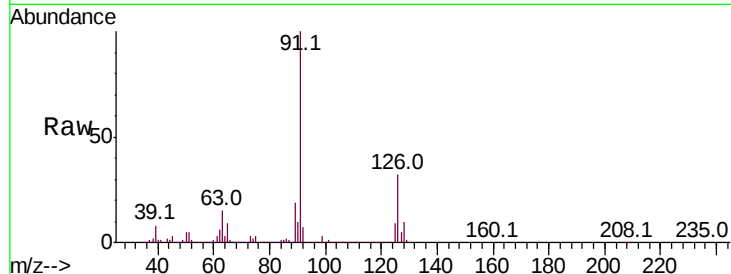
91 100

126 32.1 16.3 48.8

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#80

1,3,5-Trimethylbenzene

Concen: 20.748 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010342.D

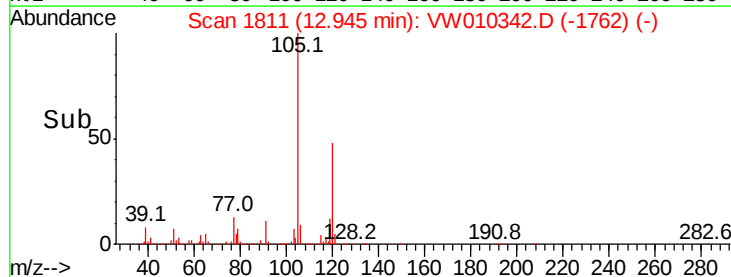
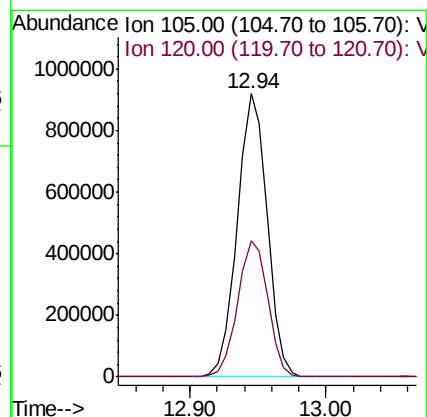
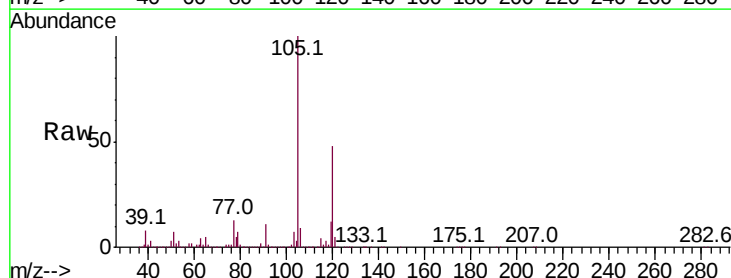
Acq: 09 May 2019 17:48

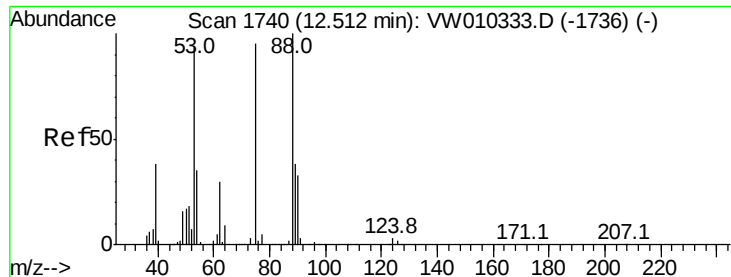
Tgt Ion:105 Resp: 1402535

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.228 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010342.D

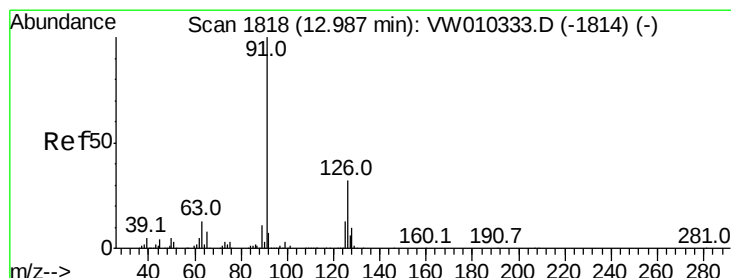
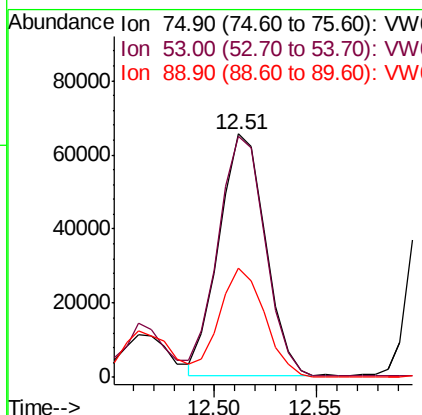
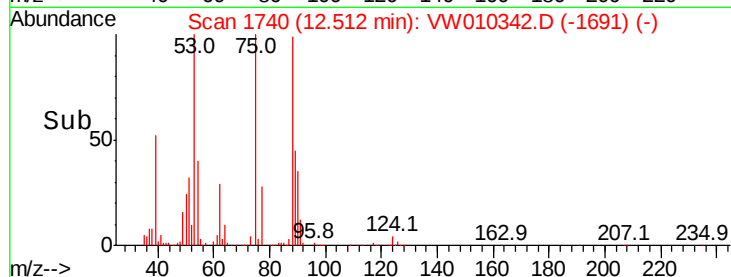
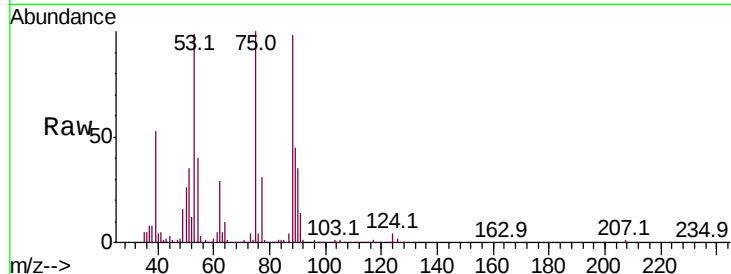
Acq: 09 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.2	89.8	134.8
89	44.3	36.6	54.8

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#82

4-Chlorotoluene

Concen: 20.235 ug/l

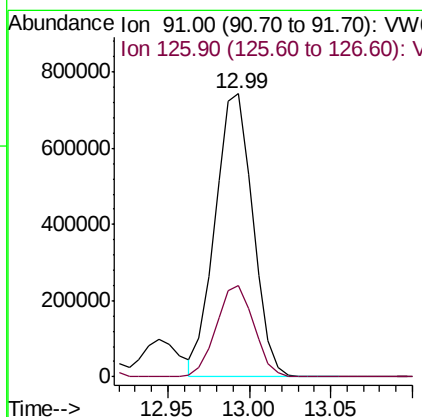
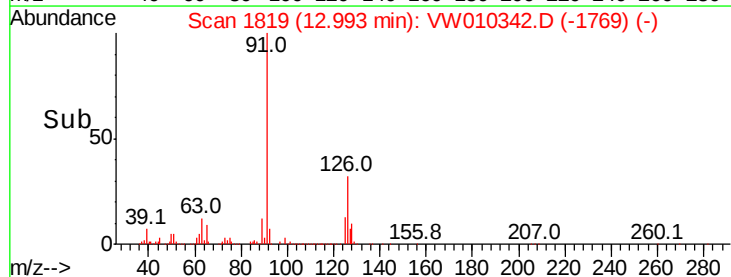
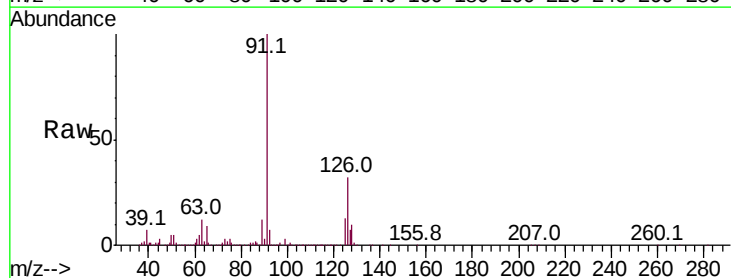
RT: 12.99 min Scan# 1819

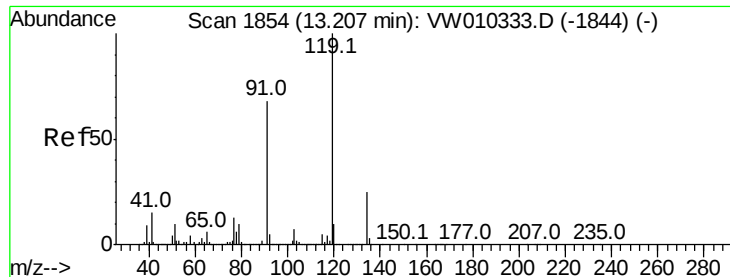
Delta R.T. 0.01 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.4	49.1





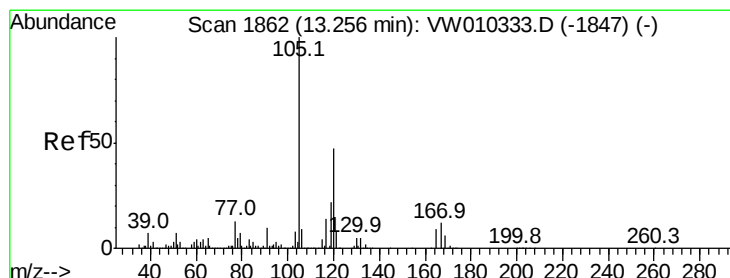
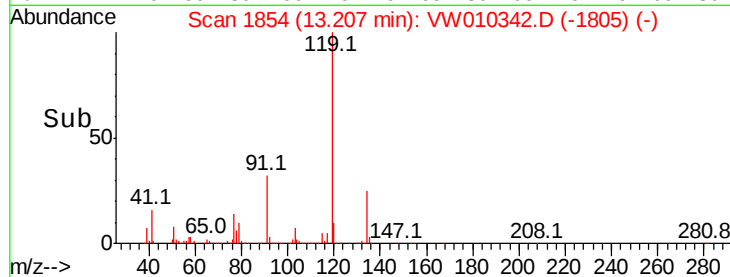
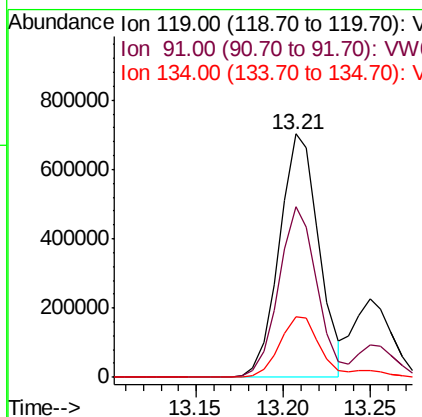
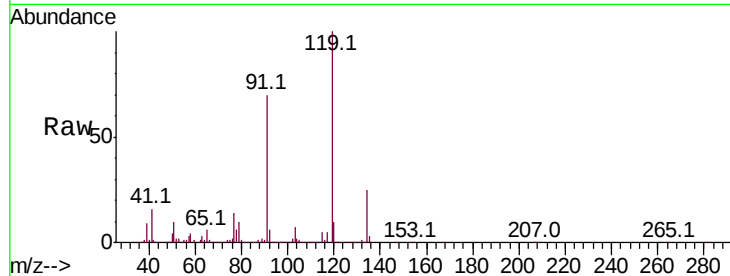
#83
tert-Butylbenzene
Concen: 19.689 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.5	34.8	104.4
134	25.1	13.7	41.1

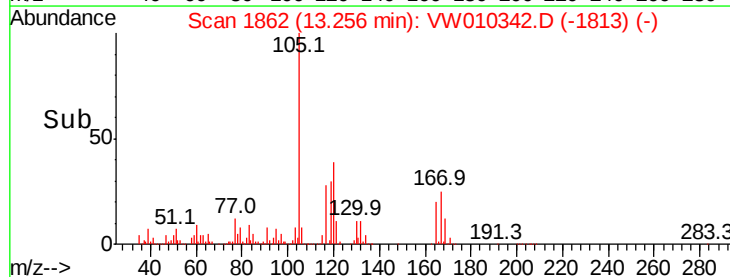
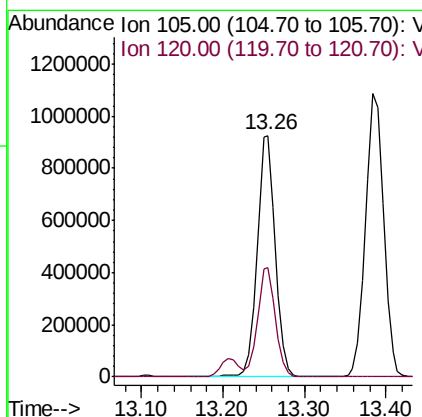
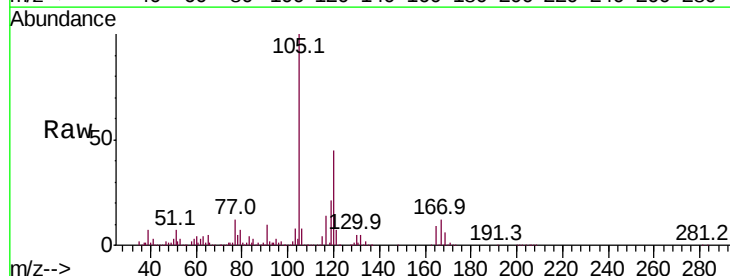
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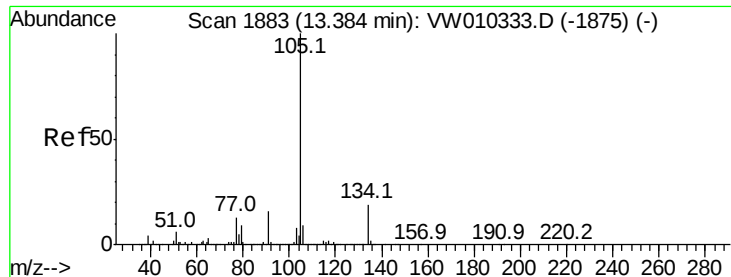
MMDadoda
5/10/2019 10:07:53 AM



#84
1,2,4-Trimethylbenzene
Concen: 21.577 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.6	67.7





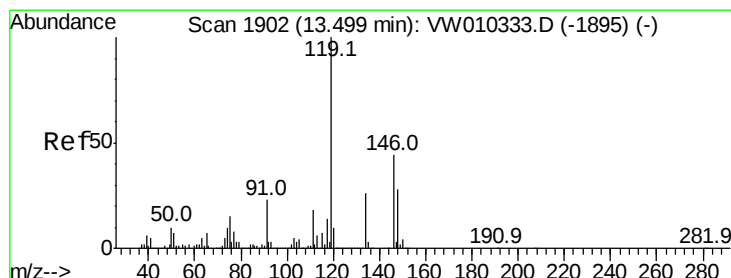
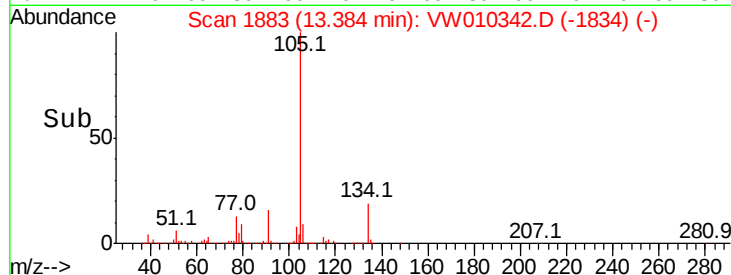
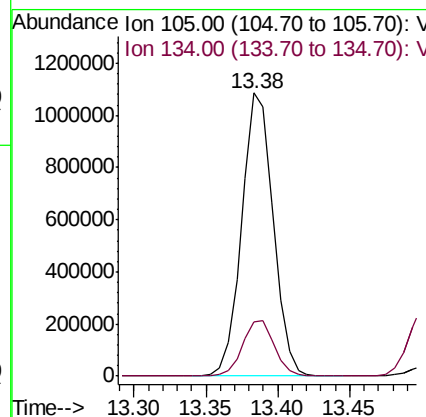
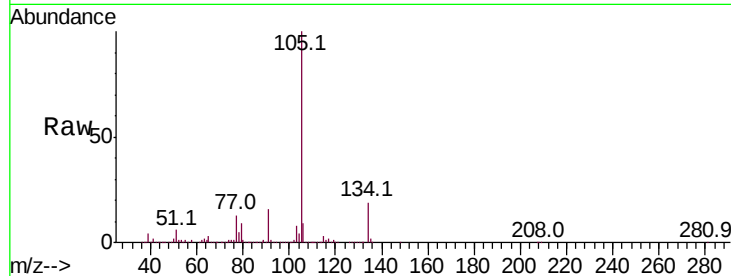
#85
 sec-Butylbenzene
 Concen: 19.759 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010342.D
 Acq: 09 May 2019 17:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

Tot Ion:105 Resp: 1644695
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

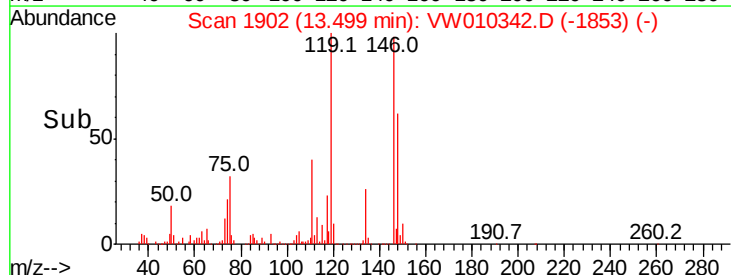
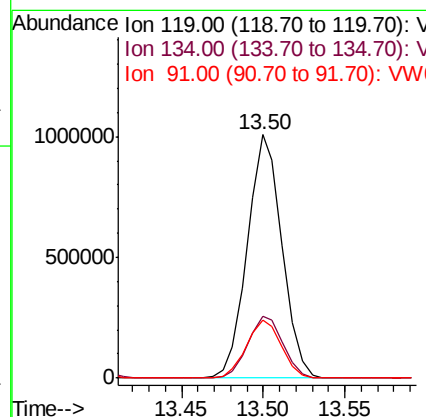
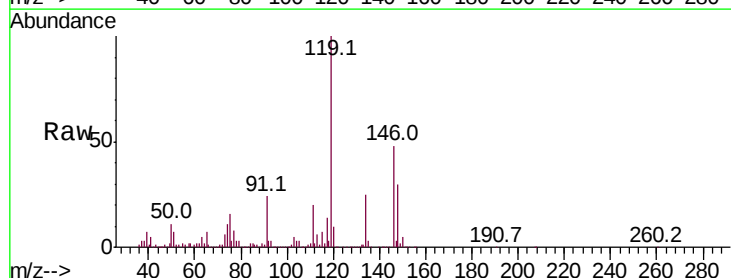
Manual Integrations
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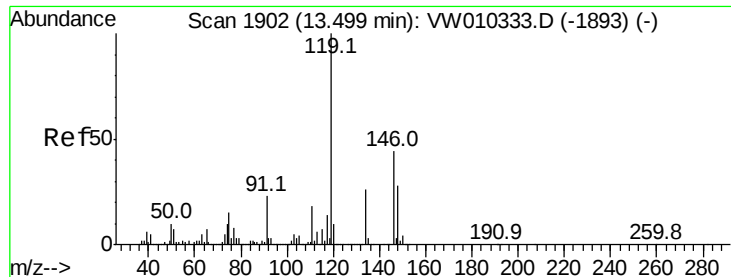
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#86
 p-Isopropyltoluene
 Concen: 20.085 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010342.D
 Acq: 09 May 2019 17:48

Tgt Ion:119 Resp: 1484373
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 38.9
 91 24.1 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 21.366 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

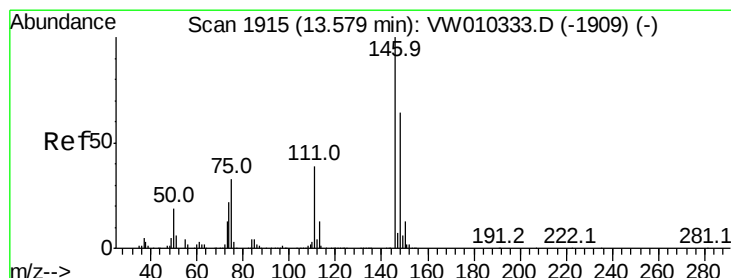
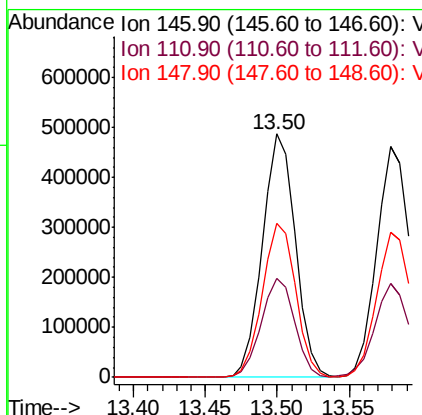
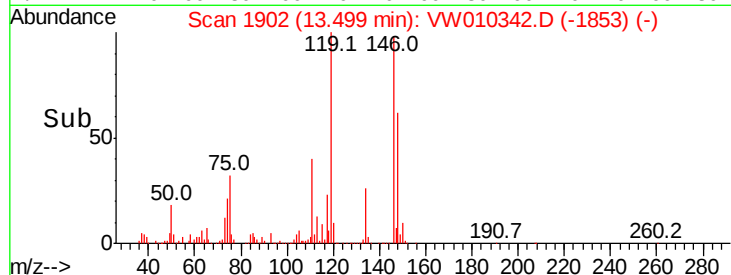
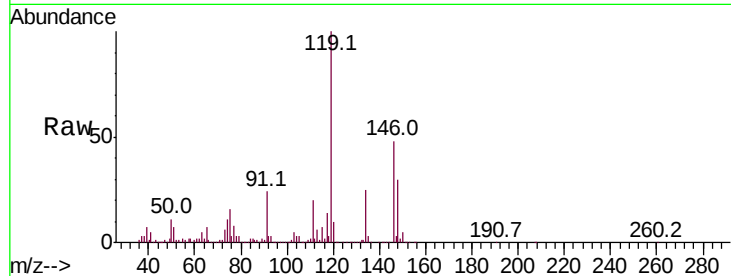
Instrument :
MSVOA_W

ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	61.0
148	63.9	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 20.483 ug/l

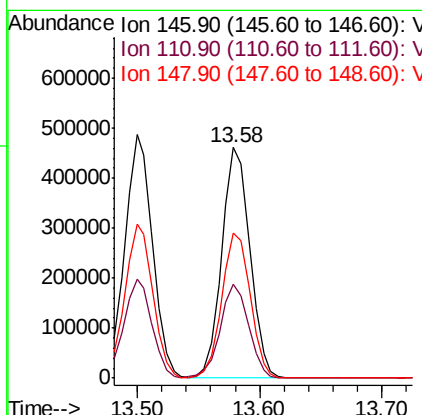
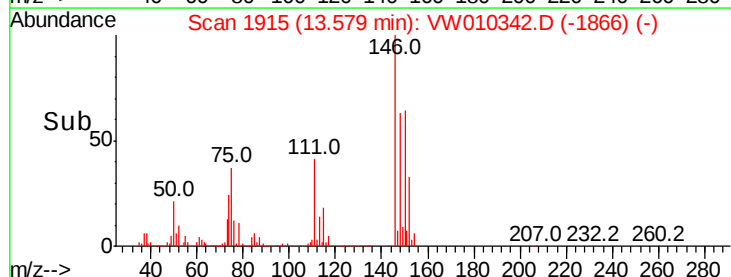
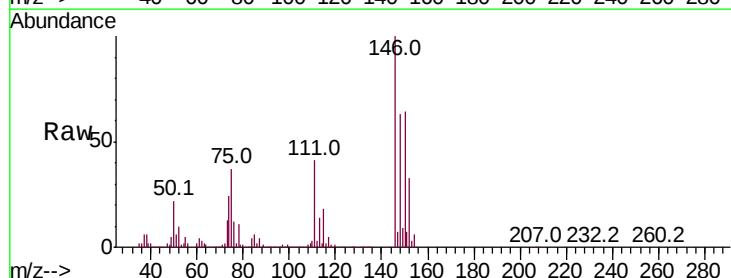
RT: 13.58 min Scan# 1915

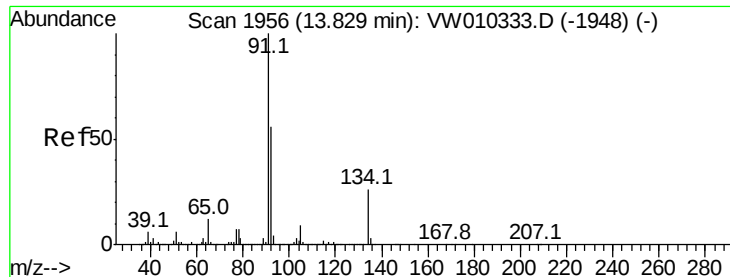
Delta R.T. 0.00 min

Lab File: VW010342.D

Acq: 09 May 2019 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.1	60.3
148	63.7	31.8	95.3





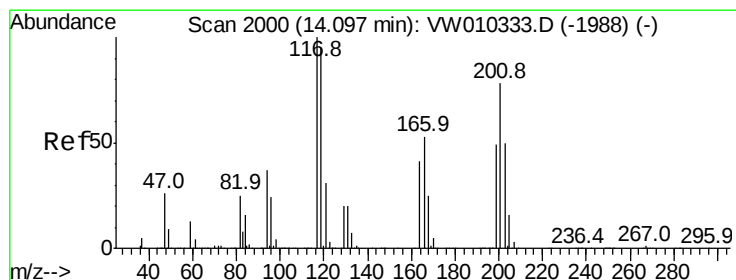
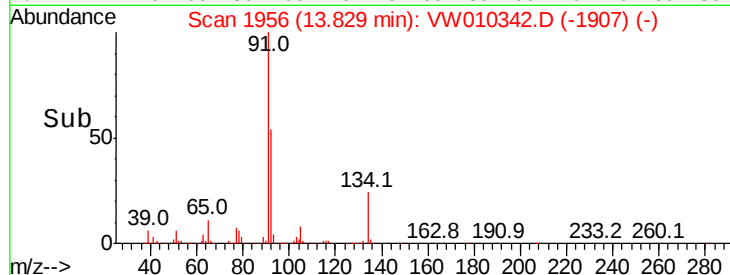
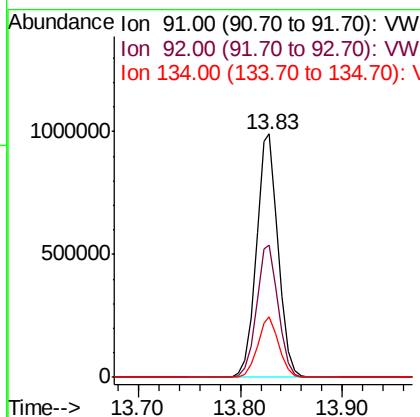
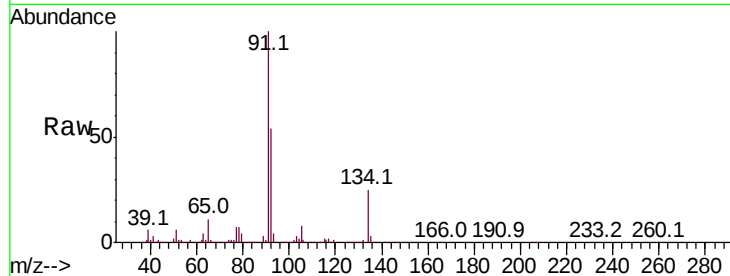
#89
n-Butylbenzene
Concen: 19.823 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.5	79.4
134	24.4	12.4	37.0

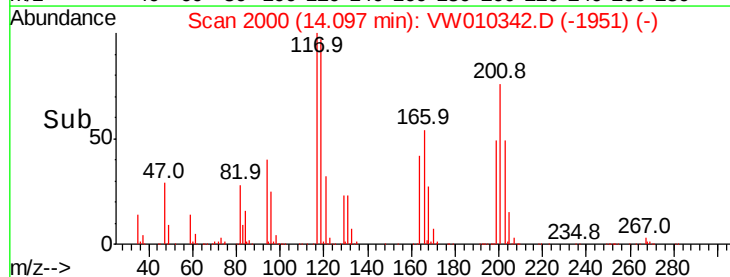
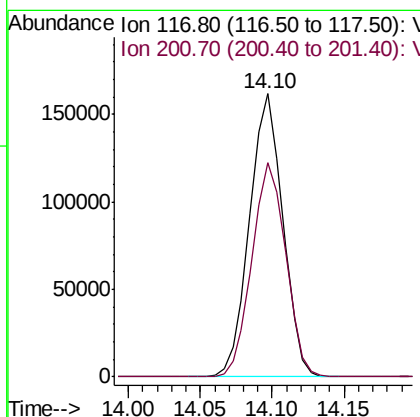
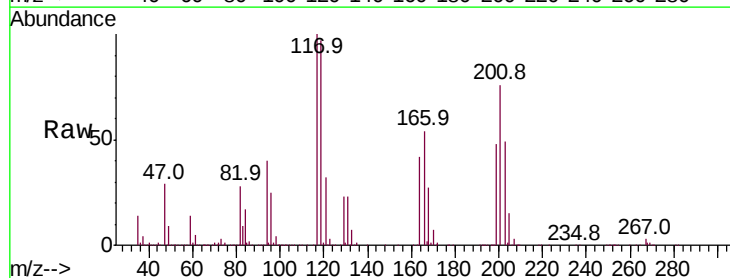
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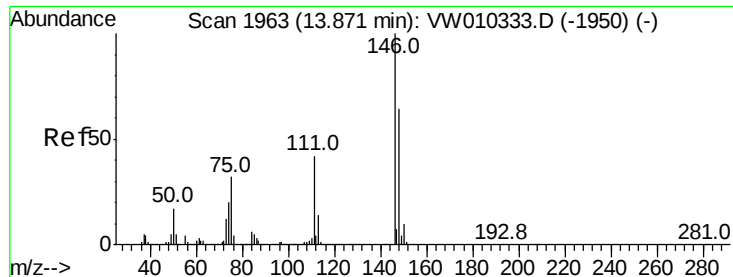
MMDadoda
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#90
Hexachloroethane
Concen: 18.762 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.3	36.1	108.3





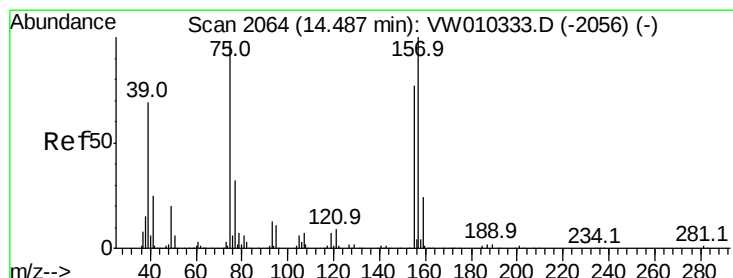
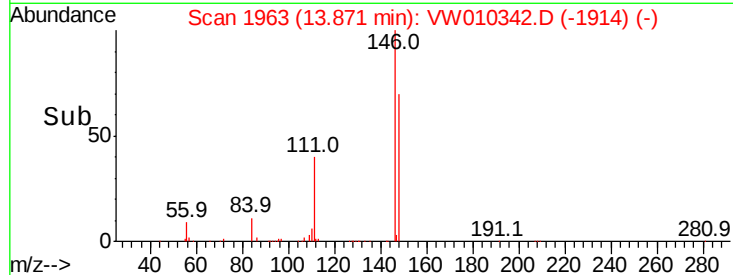
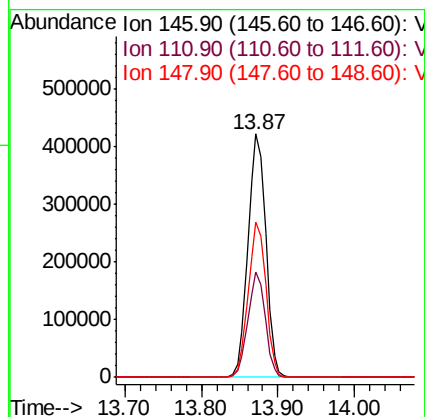
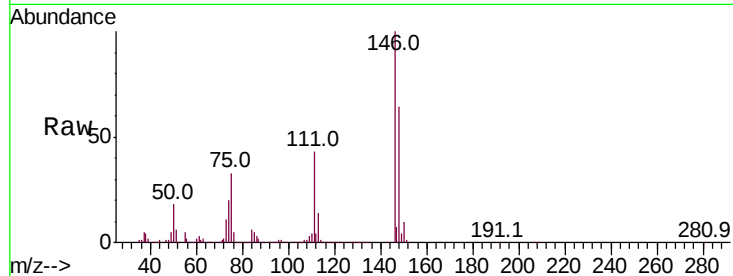
#91
 1,2-Dichlorobenzene
 Concen: 21.404 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010342.D
 Acq: 09 May 2019 17:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

Tot Ion:	146	Resp:	685006
Ion Ratio	Lower	Upper	
146	100		
111	42.0	20.9	62.8
148	63.3	31.9	95.7

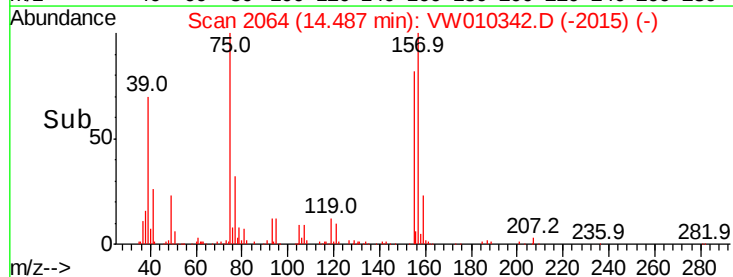
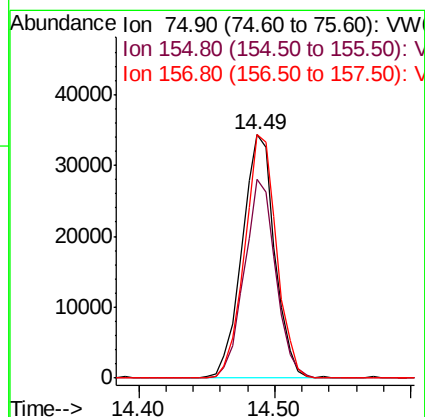
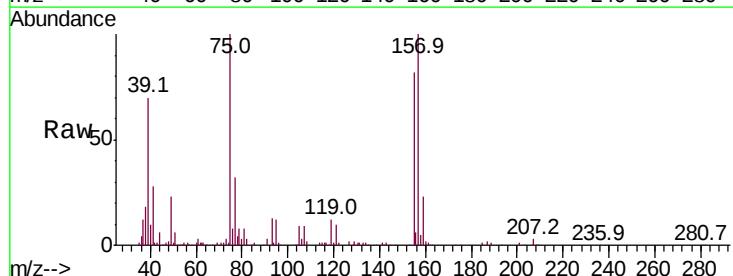
Manual Integrations
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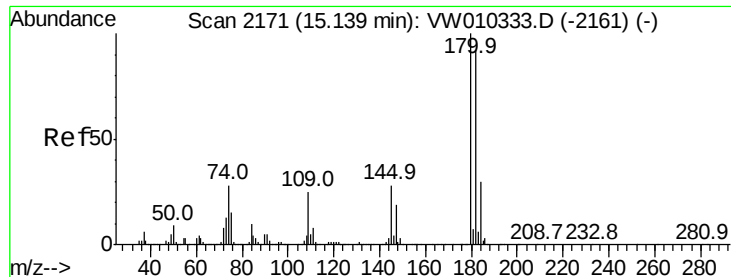
MMDadoda
 5/10/2019 10:07:53 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.033 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010342.D
 Acq: 09 May 2019 17:48

Tgt Ion:	75	Resp:	57373
Ion Ratio	Lower	Upper	
75	100		
155	78.7	37.1	111.5
157	97.6	47.3	141.9





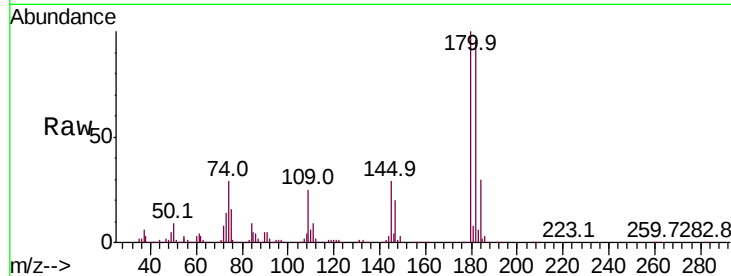
#93
 1,2,4-Trichlorobenzene
 Concen: 22.498 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010342.D
 Acq: 09 May 2019 17:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBSD01

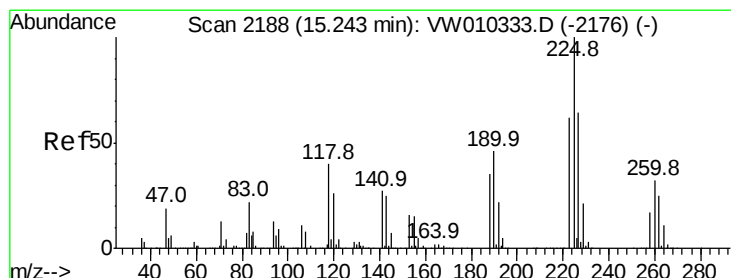
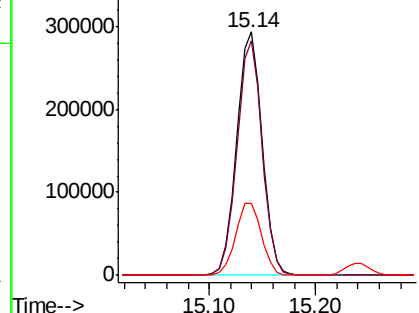
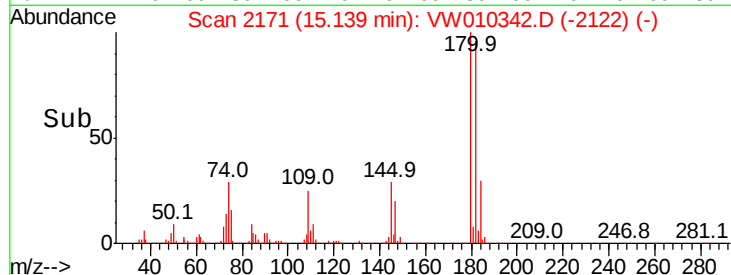
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	47.1	141.4	
145	30.4	15.2	45.6	

Manual Integrations
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 5/10/2019 10:07:53 AM

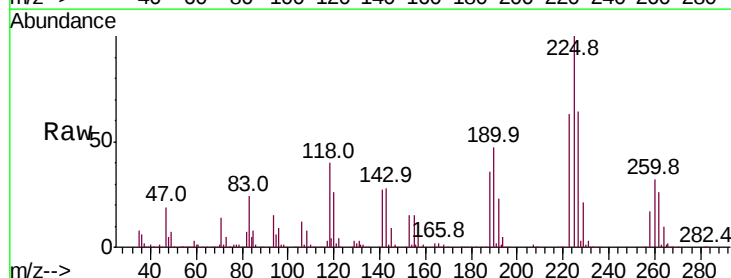


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

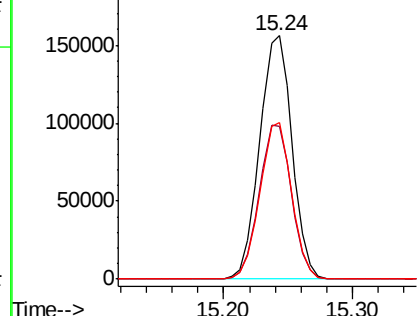
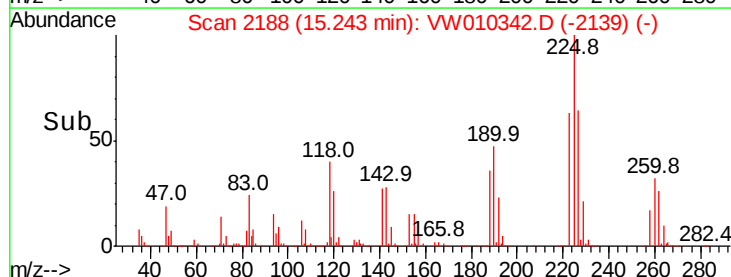


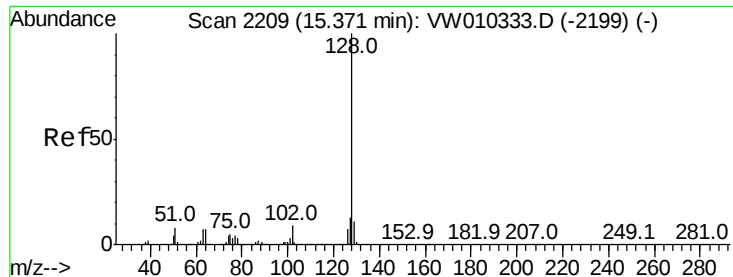
#94
 Hexachlorobutadiene
 Concen: 19.325 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010342.D
 Acq: 09 May 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	31.9	95.5	
227	62.8	31.8	95.3	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





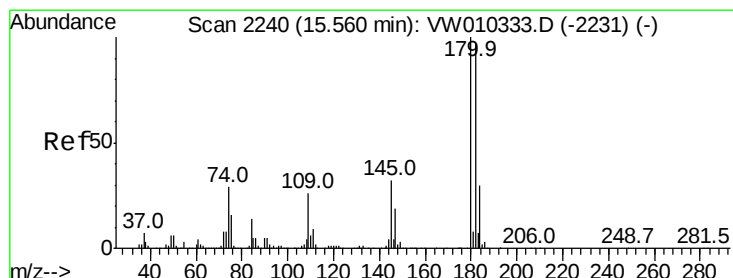
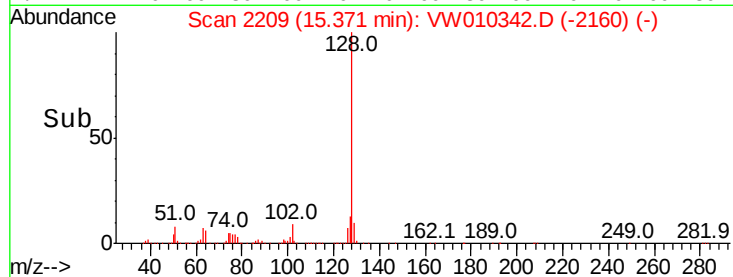
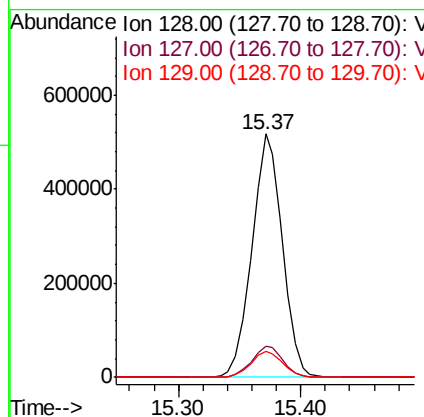
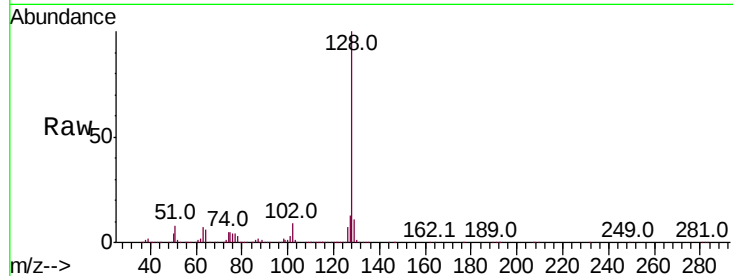
#95
Naphthalene
Concen: 20.242 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		895049		
127	13.0	10.6	15.8		
129	11.1	8.7	13.1		

Manual Integrations
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5/10/2019 10:07:53 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.014 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010342.D
Acq: 09 May 2019 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		414646		
182	94.7	47.8	143.3		
145	31.7	16.4	49.2		

