

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010333.D
 Acq On : 09 May 2019 12:34
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 10:07:23 AM

Quant Time: May 09 13:20:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:10:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1353476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2125517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1905891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	944566	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	727216	43.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.08%	
35) Dibromofluoromethane	7.88	113	638656	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
50) Toluene-d8	10.32	98	2657814	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.62	95	926603	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	506034	49.034	ug/l	100
3) Chloromethane	2.21	50	645089	62.507	ug/l	98
4) Vinyl Chloride	2.37	62	824374	68.719	ug/l	98
5) Bromomethane	2.78	94	470382	58.346	ug/l	99
6) Chloroethane	2.92	64	489556	62.458	ug/l	93
7) Trichlorofluoromethane	3.25	101	420193	50.661	ug/l	96
8) Diethyl Ether	3.67	74	367628	53.284	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.05	101	673984	48.291	ug/l	99
10) Methyl Iodide	4.26	142	964846	50.025	ug/l	94
11) Tert butyl alcohol	5.17	59	249409	262.151	ug/l	99
12) 1,1-Dichloroethene	4.03	96	709474	53.024	ug/l	93
13) Acrolein	3.89	56	343522	343.213	ug/l	99
14) Allyl chloride	4.65	41	1087097	45.699	ug/l	91
15) Acrylonitrile	5.36	53	1043268	293.828	ug/l	99
16) Acetone	4.12	43	1007439	259.960	ug/l	94
17) Carbon Disulfide	4.38	76	2169952	59.121	ug/l	99
18) Methyl Acetate	4.67	43	452593	50.461	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	893770	51.427	ug/l	99
20) Methylene Chloride	4.91	84	708519	39.740	ug/l	94
21) trans-1,2-Dichloroethene	5.41	96	781579	53.942	ug/l	95
22) Diisopropyl ether	6.31	45	2167157	44.913	ug/l	96
23) Vinyl Acetate	6.25	43	7669299	252.481	ug/l	96
24) 1,1-Dichloroethane	6.21	63	1401814	48.597	ug/l	100
25) 2-Butanone	7.17	43	1482283	291.173	ug/l	95
26) 2,2-Dichloropropane	7.16	77	703459	44.079	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	809906	50.825	ug/l	96
28) Bromochloromethane	7.51	49	507094	43.017	ug/l	100
29) Tetrahydrofuran	7.53	42	952734	295.362	ug/l	95
30) Chloroform	7.67	83	1317191	45.572	ug/l	99
31) Cyclohexane	7.95	56	1395164	51.651	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	1014136	44.694	ug/l	99
36) 1,1-Dichloropropene	8.08	75	1144053	52.693	ug/l	100
37) Ethyl Acetate	7.25	43	626037	56.744	ug/l	97
38) Carbon Tetrachloride	8.07	117	972628	45.901	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1440426	58.957	ug/l	96
40) Benzene	8.32	78	3102860	52.267	ug/l	99
41) Methacrylonitrile	7.48	41	361726	57.527	ug/l	94
42) 1,2-Dichloroethane	8.40	62	888458	43.548	ug/l	97
43) Isopropyl Acetate	8.42	43	1037579	50.187	ug/l	98
44) Trichloroethene	9.09	130	779781	51.716	ug/l	97
45) 1,2-Dichloropropane	9.37	63	774570	49.638	ug/l	99
46) Dibromomethane	9.46	93	398330	49.252	ug/l	97
47) Bromodichloromethane	9.64	83	958582	45.914	ug/l	99
48) Methyl methacrylate	9.43	41	506087	50.288	ug/l	87
49) 1,4-Dioxane	9.45	88	148867	1204.638	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	3068098	283.343	ug/l	94
52) Toluene	10.39	92	1934418	52.310	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	1011987	48.890	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	1180880	49.962	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	563867	49.952	ug/l	95
56) Ethyl methacrylate	10.65	69	801278	57.099	ug/l #	88
57) 1,3-Dichloropropane	10.93	76	1032423	51.028	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	1825532	282.476	ug/l	100
59) 2-Hexanone	10.97	43	2209891	293.182	ug/l	92
60) Dibromochloromethane	11.13	129	617938	47.363	ug/l	99
61) 1,2-Dibromoethane	11.24	107	551047	51.316	ug/l	98
64) Tetrachloroethene	10.86	164	653676	52.833	ug/l	97
65) Chlorobenzene	11.66	112	1937195	49.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	658317	47.192	ug/l	98
67) Ethyl Benzene	11.73	91	3709606	53.301	ug/l	98
68) m/p-Xylenes	11.84	106	2767026	106.359	ug/l	98
69) o-Xylene	12.16	106	1260419	53.208	ug/l	97
70) Styrene	12.18	104	2229966	54.598	ug/l	98
71) Bromoform	12.35	173	378099	51.258	ug/l #	98
73) Isopropylbenzene	12.46	105	3565751	54.240	ug/l	100
74) N-amyl acetate	12.27	43	925160	50.818	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	747110	57.523	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	544437m	57.590	ug/l	
77) Bromobenzene	12.75	156	768668	50.840	ug/l	97
78) n-propylbenzene	12.80	91	4405116	54.066	ug/l	100
79) 2-Chlorotoluene	12.90	91	2425526	51.762	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	3001191	53.843	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	247862	61.822	ug/l	93
82) 4-Chlorotoluene	12.99	91	2545970	51.624	ug/l	100
83) tert-Butylbenzene	13.21	119	2497109	54.098	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	2971899	52.588	ug/l	99
85) sec-Butylbenzene	13.38	105	3706499	53.733	ug/l	100
86) p-Isopropyltoluene	13.50	119	3331616	54.798	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	1541651	50.442	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1511937	49.561	ug/l	99
89) n-Butylbenzene	13.83	91	3325639	55.211	ug/l	98
90) Hexachloroethane	14.10	117	587375	50.441	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	1357934	49.553	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	134019	57.660	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	970185	53.664	ug/l	99
94) Hexachlorobutadiene	15.24	225	609061	55.478	ug/l	99
95) Naphthalene	15.37	128	2071717	63.828	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	866031	55.214	ug/l	99

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

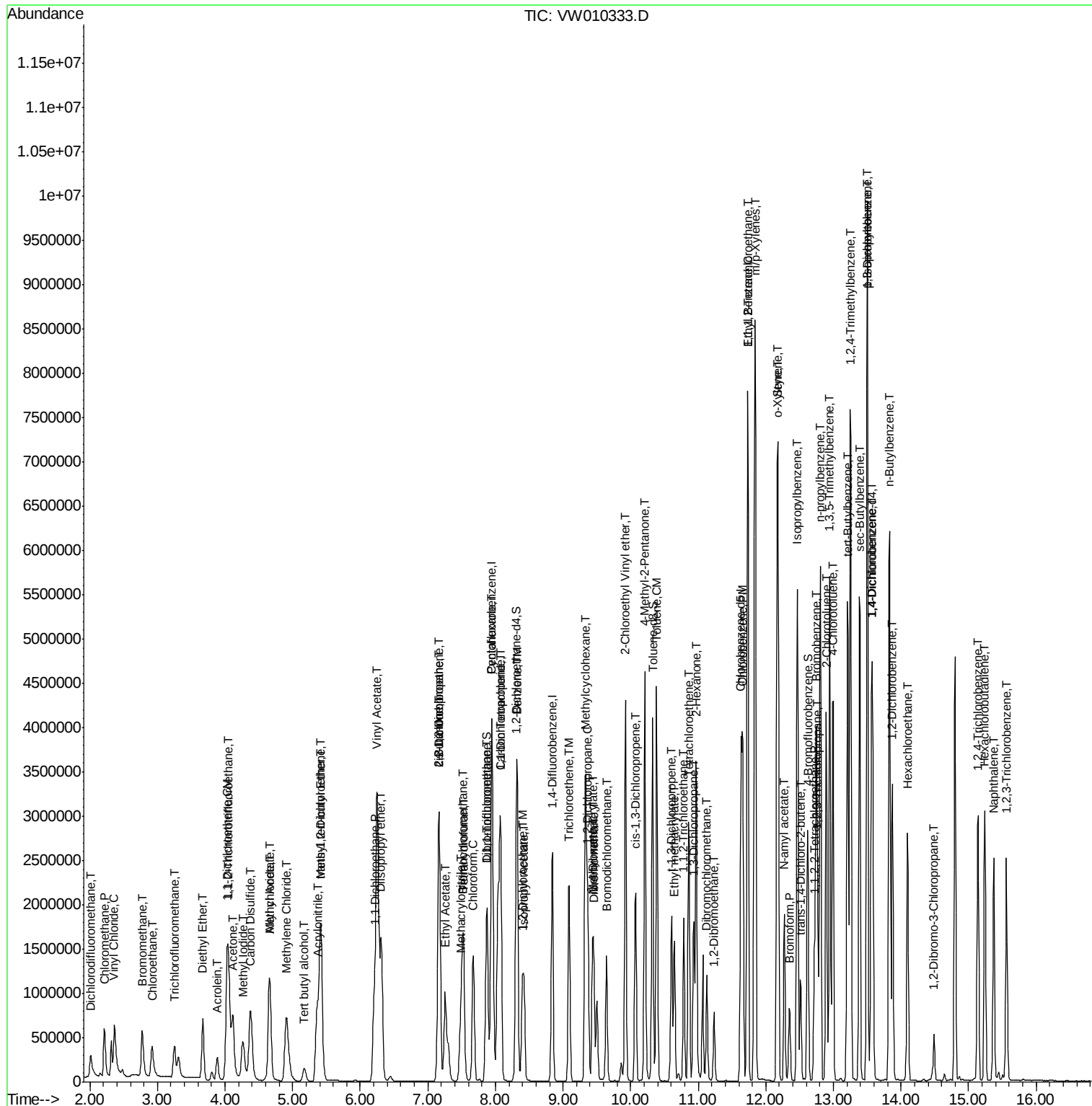
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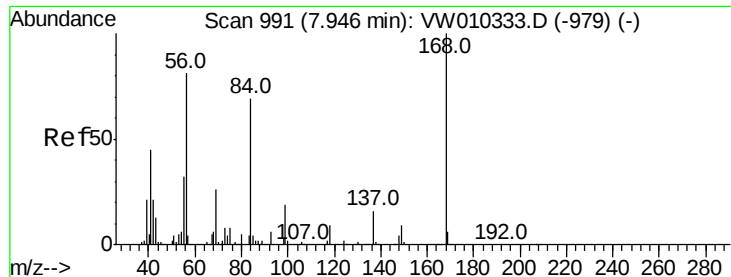
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 1353476

Ion Ratio Lower Upper

168 100

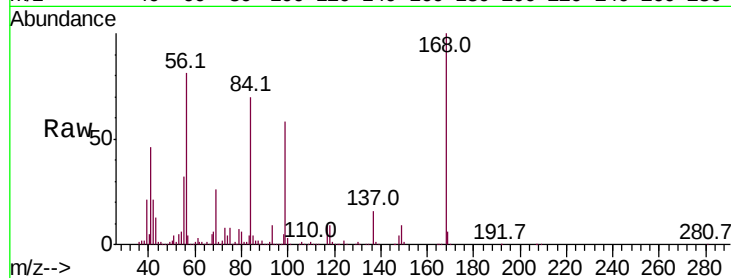
99 57.8 48.4 72.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

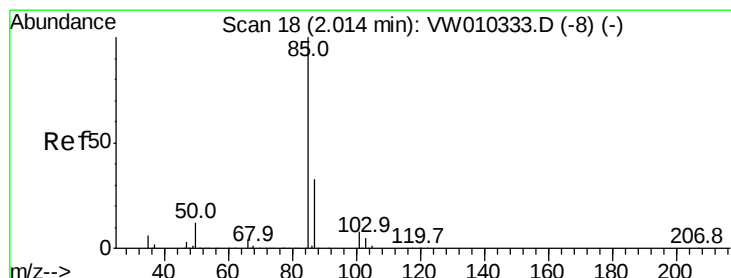
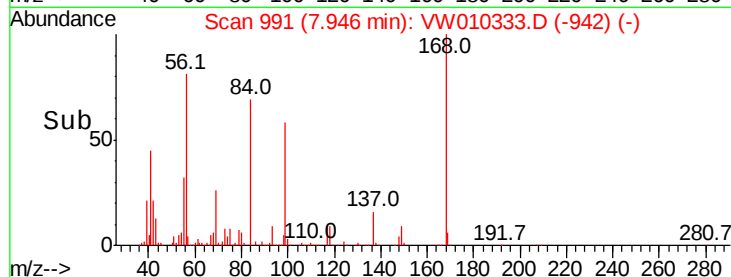
600000

400000

200000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 49.034 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW010333.D

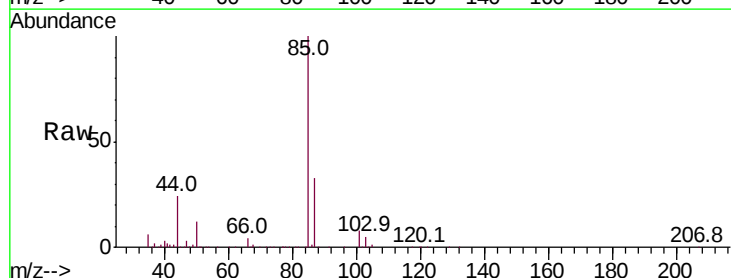
Acq: 09 May 2019 12:34

Tgt Ion: 85 Resp: 506034

Ion Ratio Lower Upper

85 100

87 32.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

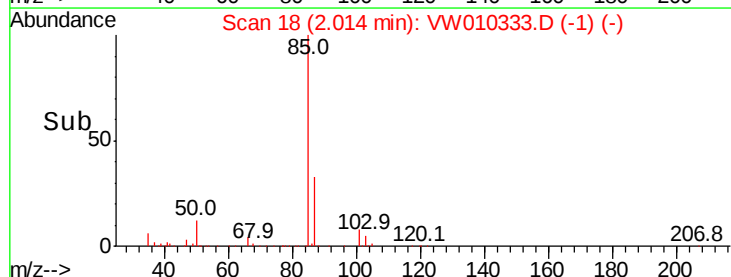
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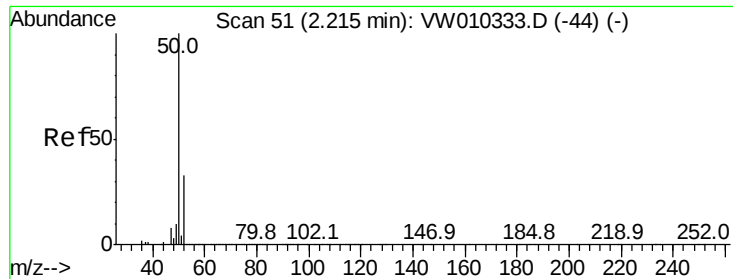
100000

50000

0

Time--> 1.80 2.00 2.20 2.40





#3

Chloromethane

Concen: 62.507 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 645089

Ion Ratio Lower Upper

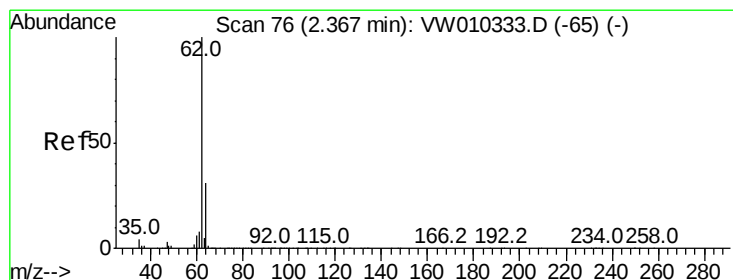
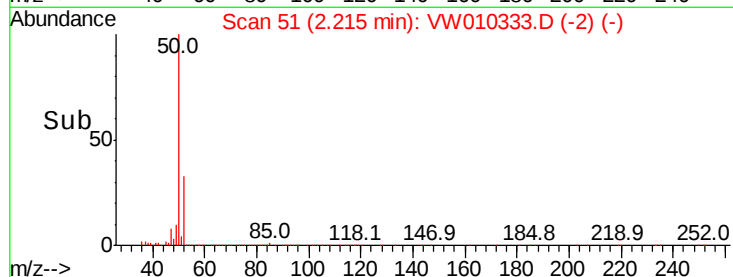
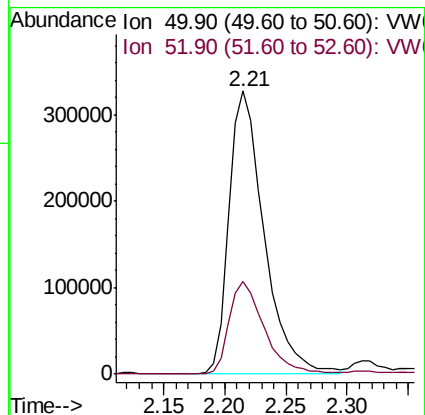
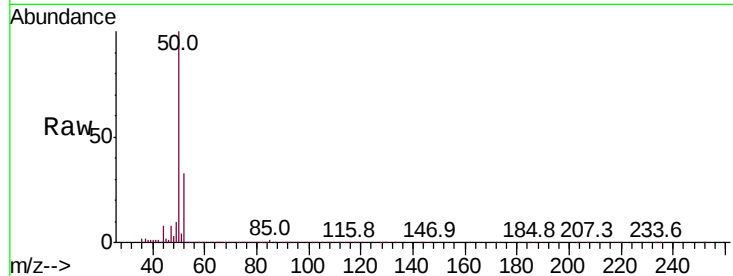
50 100

52 32.6 25.0 37.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 68.719 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW010333.D

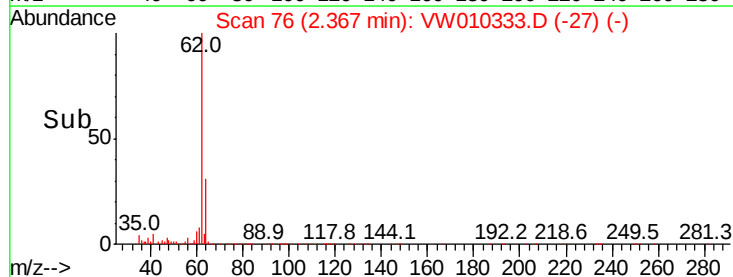
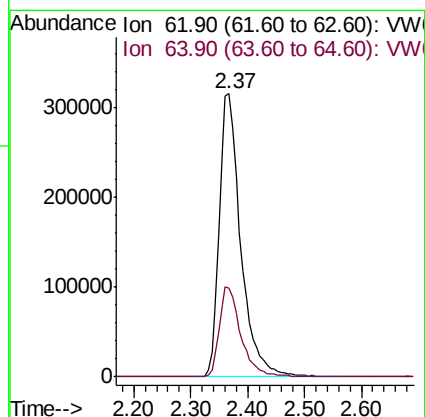
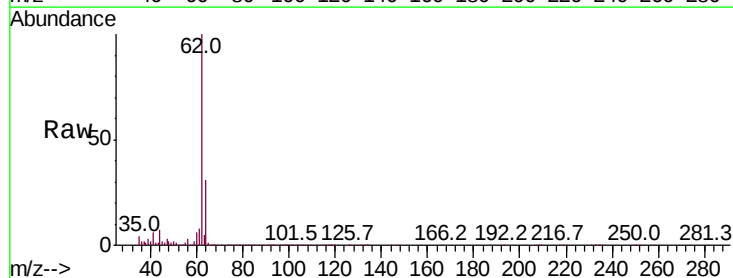
Acq: 09 May 2019 12:34

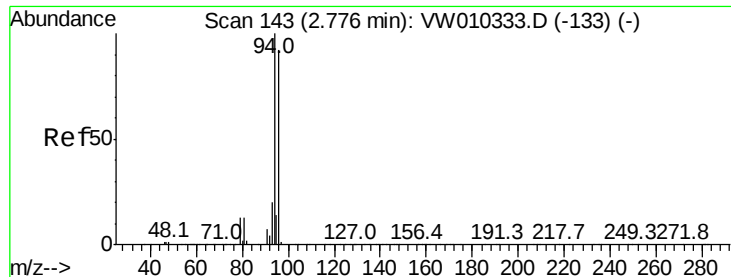
Tgt Ion: 62 Resp: 824374

Ion Ratio Lower Upper

62 100

64 31.2 25.9 38.9





#5

Bromomethane

Concen: 58.346 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 470382

Ion Ratio Lower Upper

94 100

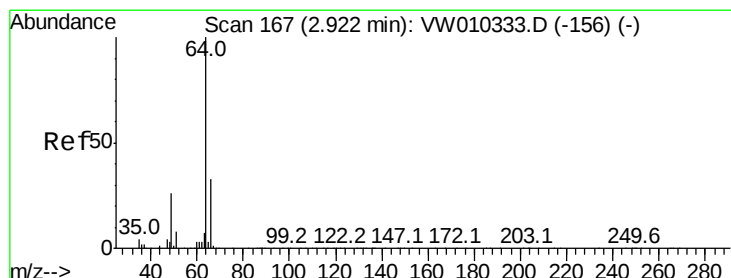
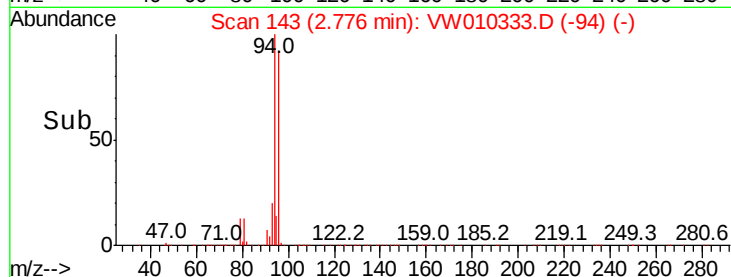
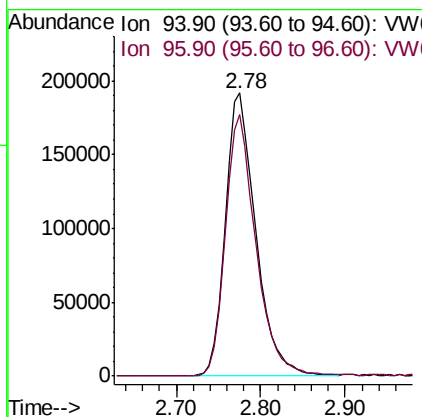
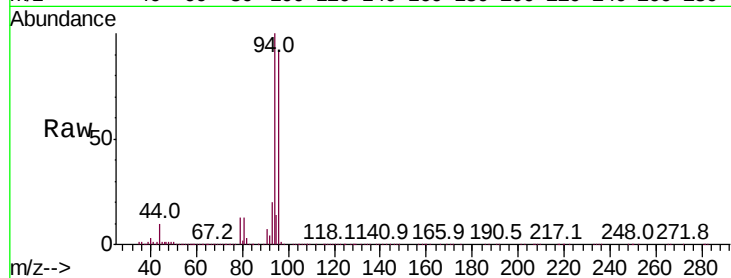
96 92.1 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 62.458 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW010333.D

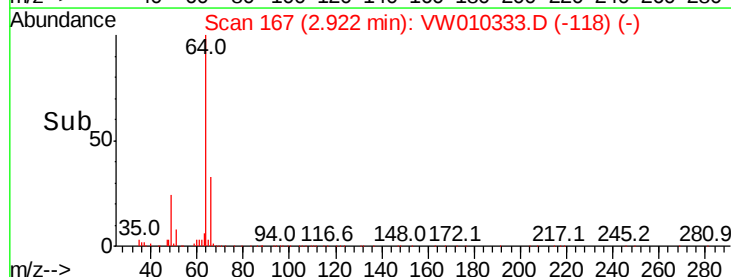
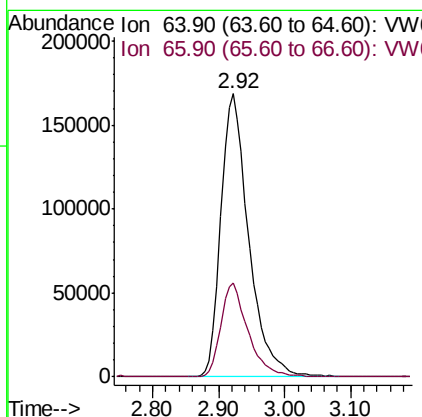
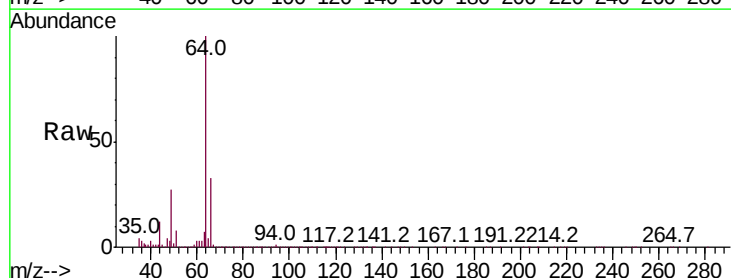
Acq: 09 May 2019 12:34

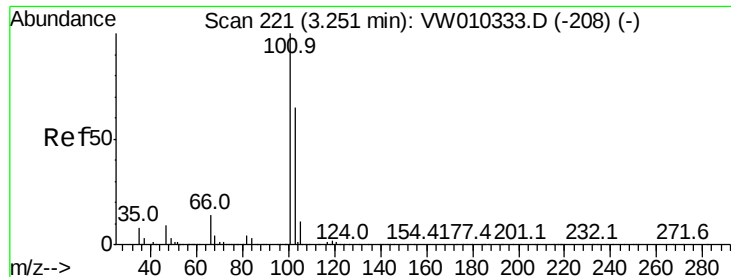
Tgt Ion: 64 Resp: 489556

Ion Ratio Lower Upper

64 100

66 33.0 23.4 35.0





#7

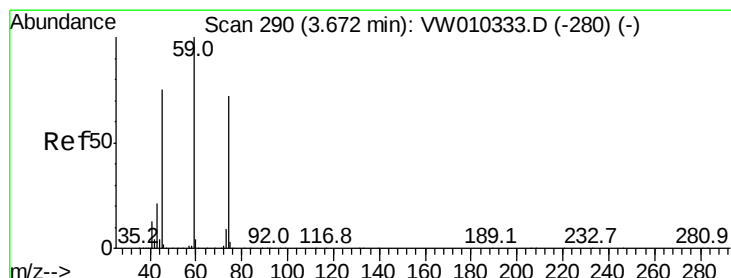
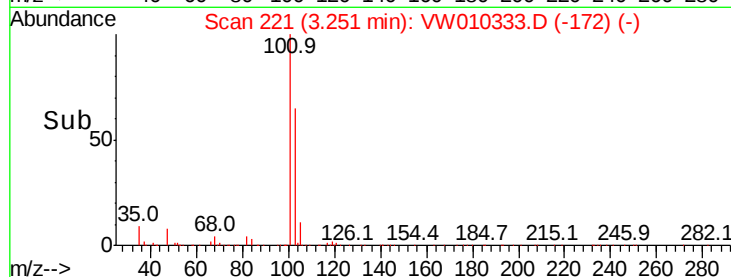
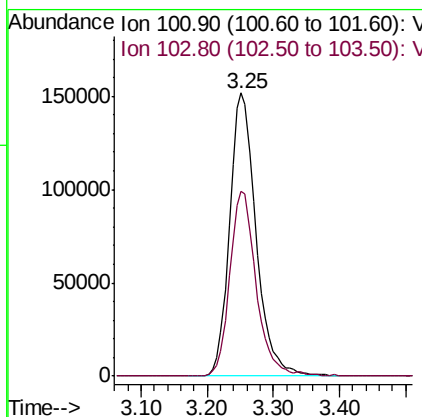
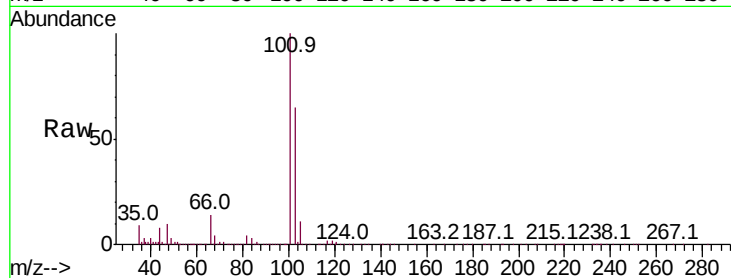
Trichlorofluoromethane
 Concen: 50.661 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	49.8	74.6

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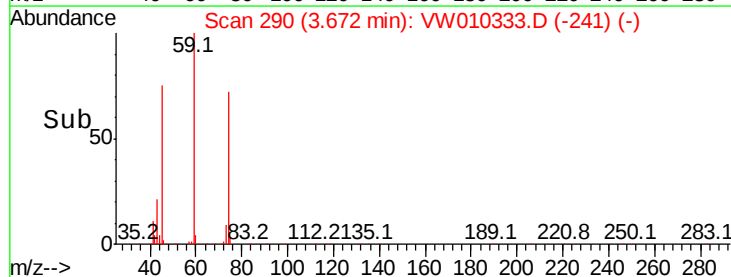
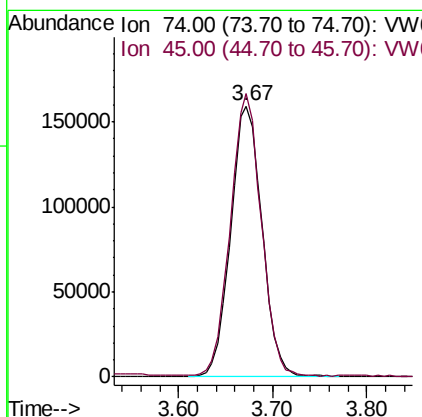
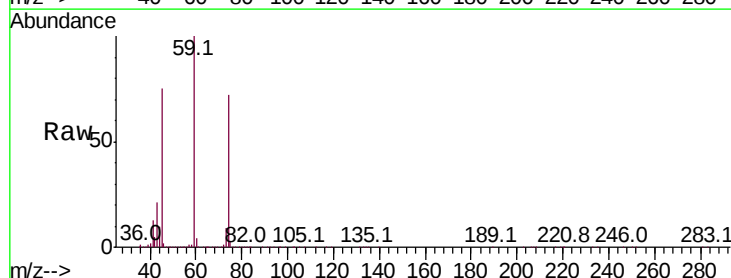
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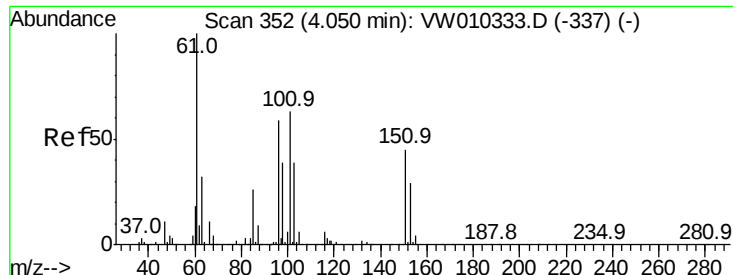


#8

Diethyl Ether
 Concen: 53.284 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.8	56.0	168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.291 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

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MSVOA_W

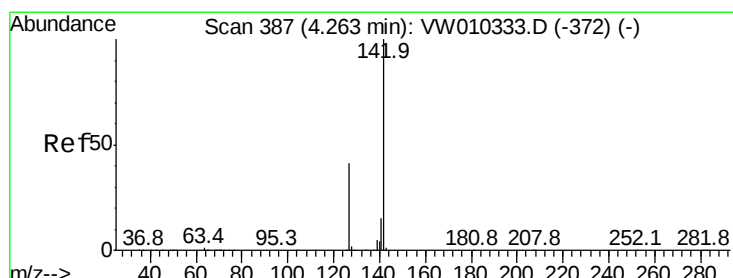
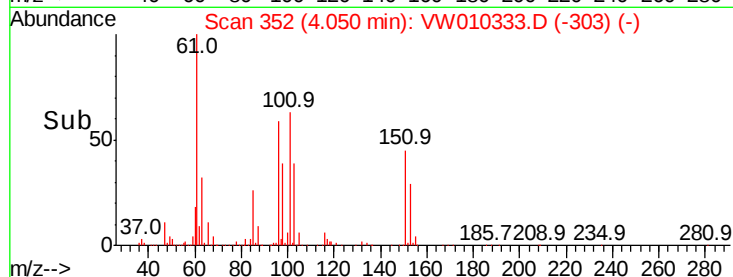
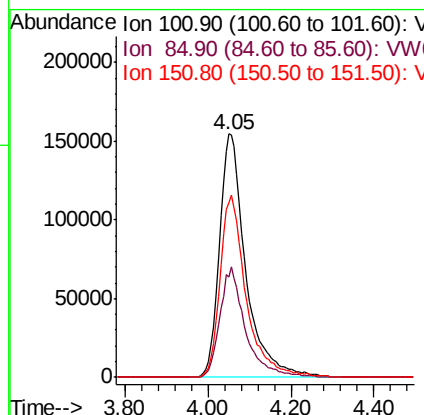
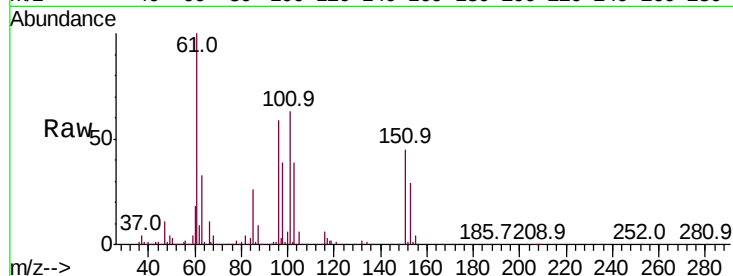
ClientSampled :

VSTDICCC050

Tot Ion:	101	Resp:	673984
Ion Ratio	Lower	Upper	
101	100		
85	44.1	36.3	54.5
151	74.4	60.2	90.2

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#10

Methyl Iodide

Concen: 50.025 ug/l

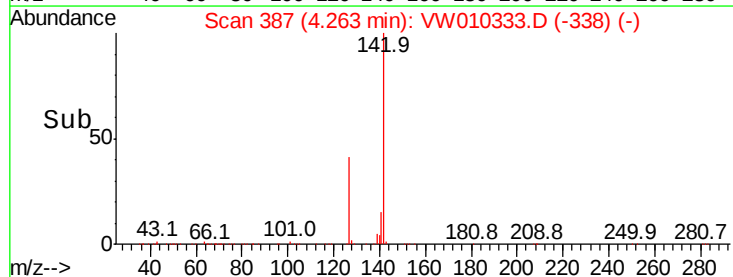
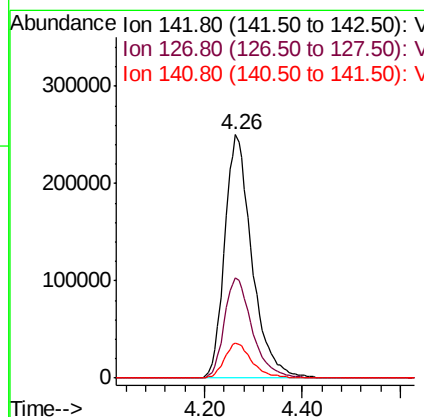
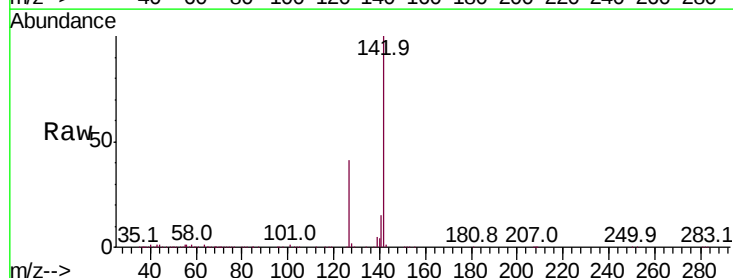
RT: 4.26 min Scan# 387

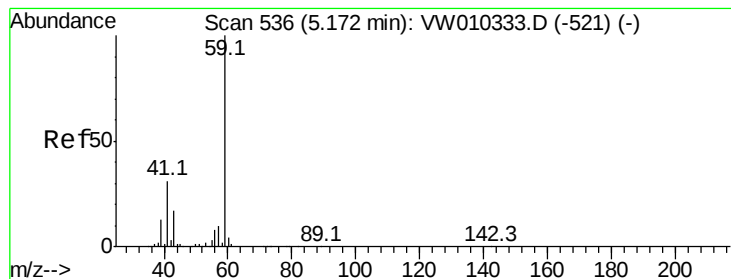
Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Tgt Ion:	142	Resp:	964846
Ion Ratio	Lower	Upper	
142	100		
127	42.4	38.1	57.1
141	14.5	12.2	18.2





#11

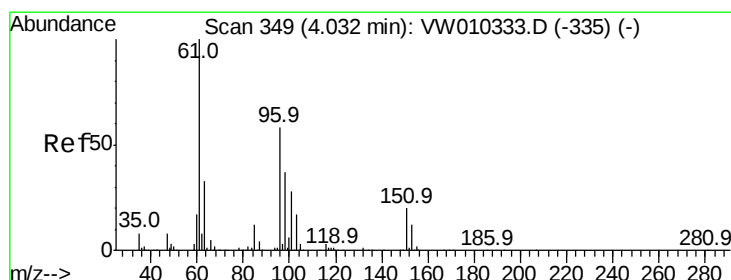
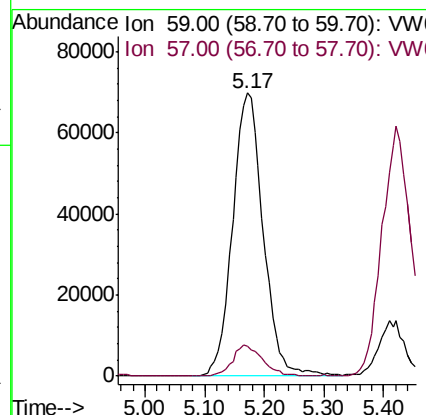
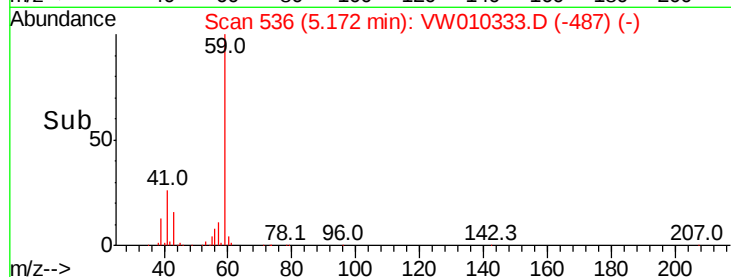
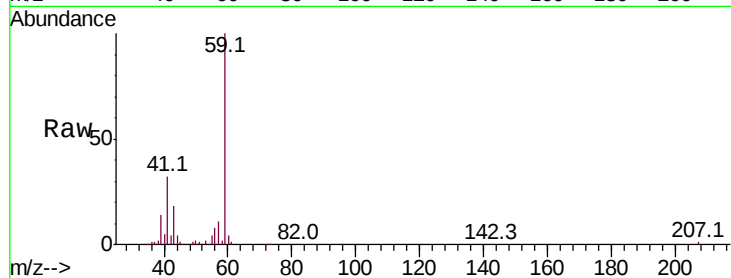
Tert butyl alcohol
Concen: 262.151 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	59	Resp	249409
Ion Ratio	100	Lower	Upper
57	10.8	9.0	13.4

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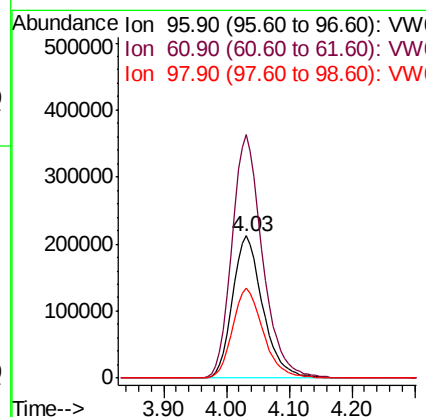
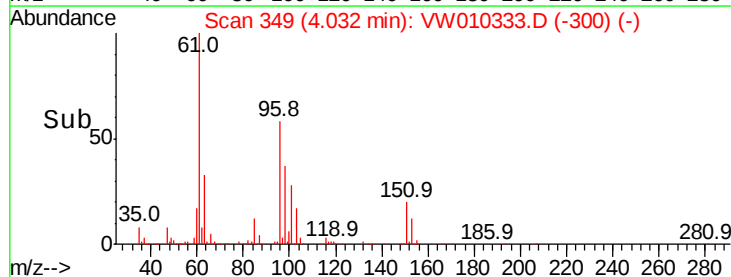
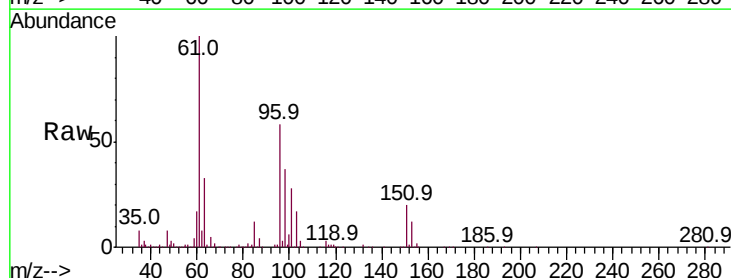
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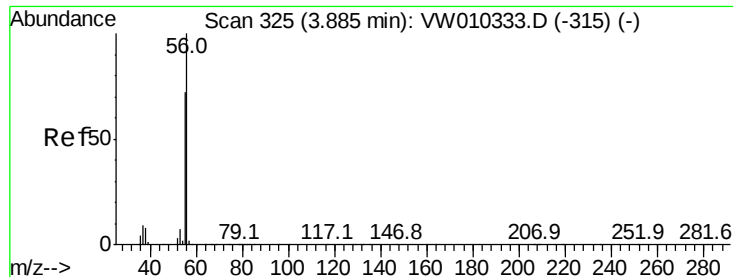


#12

1,1-Dichloroethene
Concen: 53.024 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion	96	Resp	709474
Ion Ratio	100	Lower	Upper
61	171.3	147.4	221.2
98	63.6	49.7	74.5





#13

Acrolein

Concen: 343.213 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 343522

Ion Ratio Lower Upper

56 100

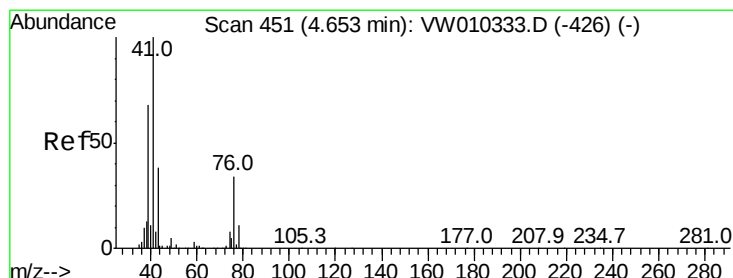
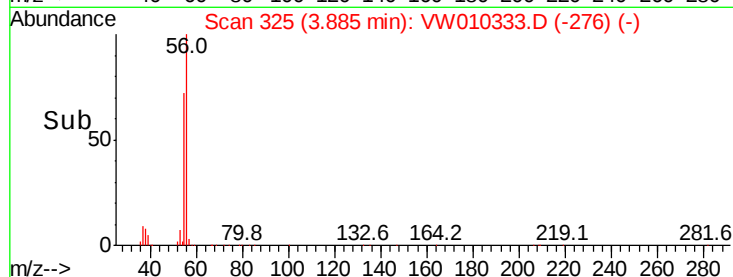
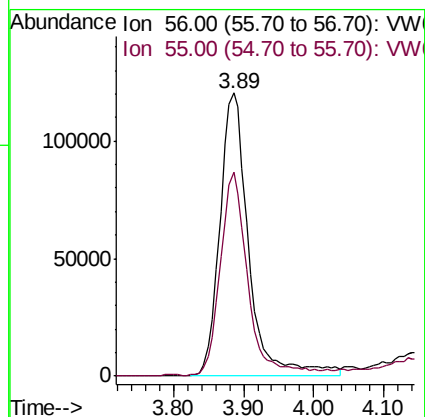
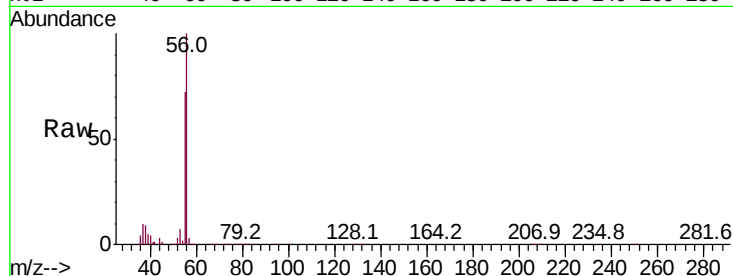
55 68.6 54.2 81.2

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#14

Allyl chloride

Concen: 45.699 ug/l

RT: 4.65 min Scan# 451

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

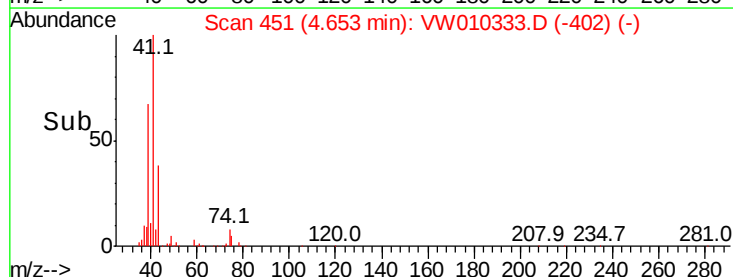
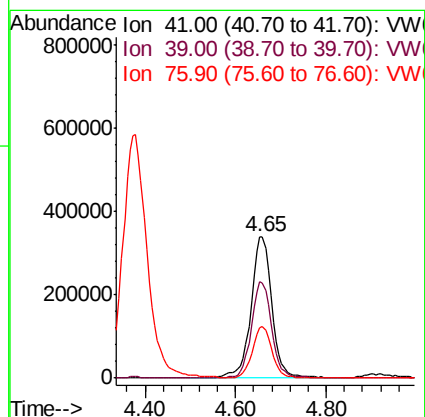
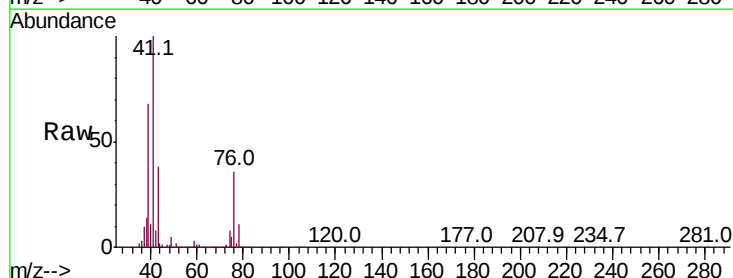
Tgt Ion: 41 Resp: 1087097

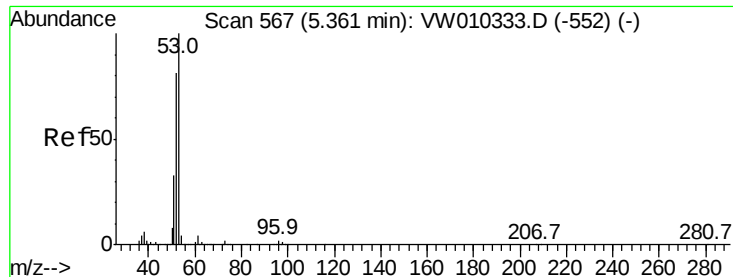
Ion Ratio Lower Upper

41 100

39 66.0 60.2 90.4

76 34.0 25.0 37.6





#15

Acrylonitrile

Concen: 293.828 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 53 Resp: 1043268

Ion Ratio Lower Upper

53 100

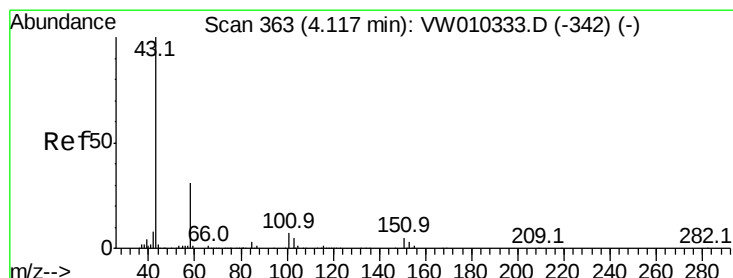
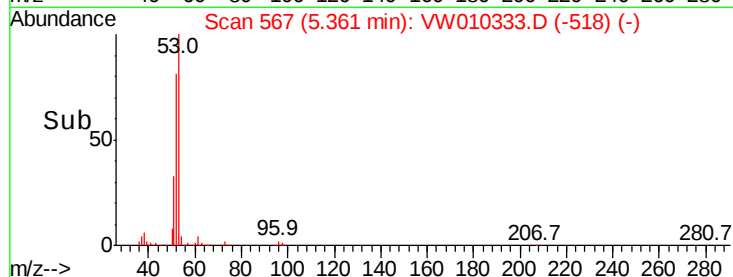
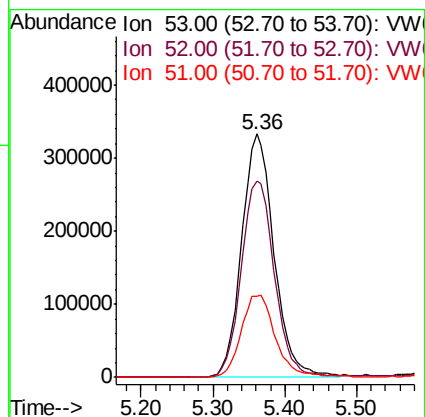
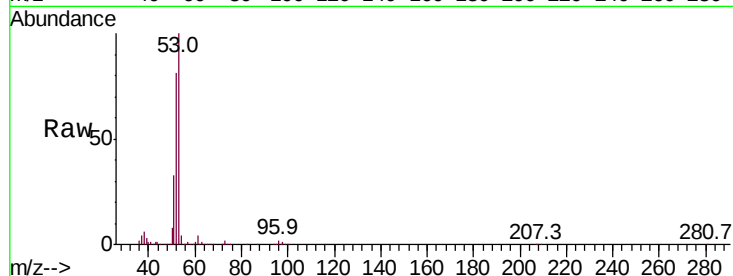
52 83.2 66.6 100.0

51 36.0 30.3 45.5

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#16

Acetone

Concen: 259.960 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010333.D

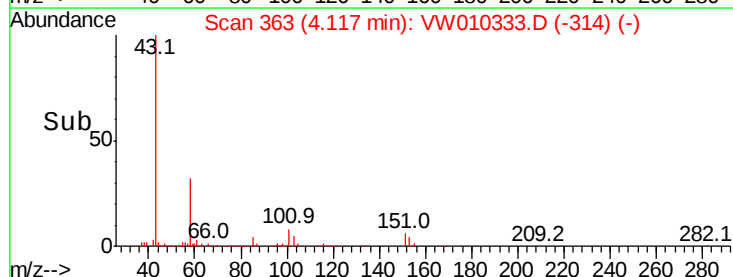
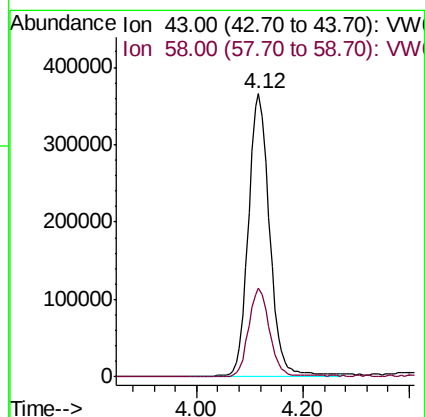
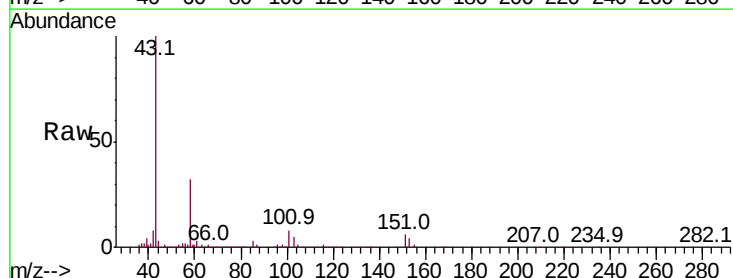
Acq: 09 May 2019 12:34

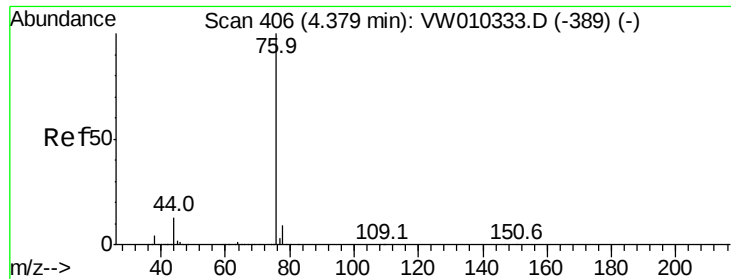
Tgt Ion: 43 Resp: 1007439

Ion Ratio Lower Upper

43 100

58 31.5 22.7 34.1





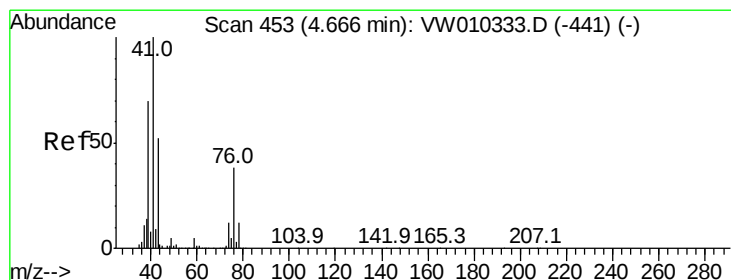
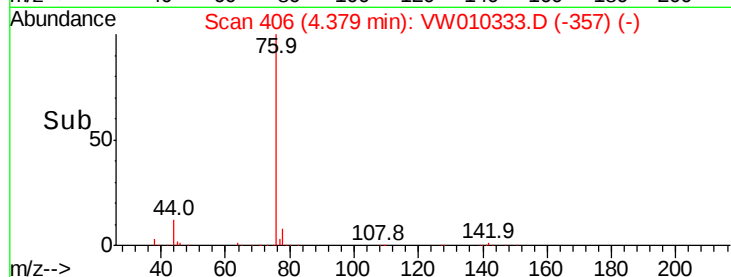
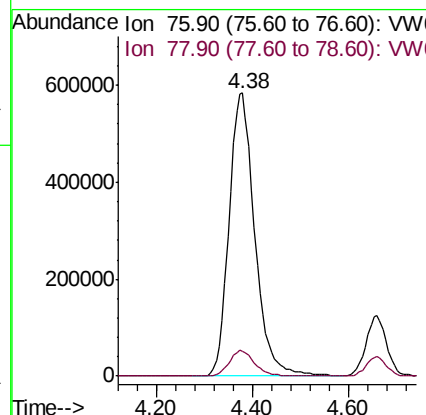
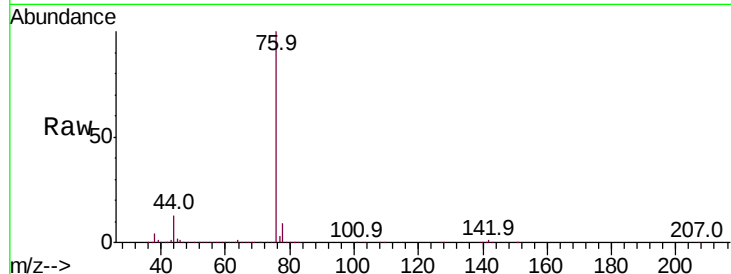
#17
Carbon Disulfide
Concen: 59.121 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 76 Resp: 2169952
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

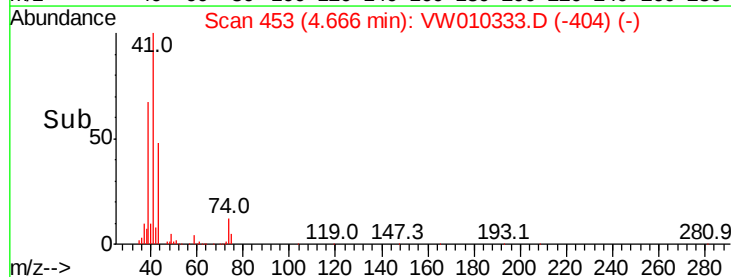
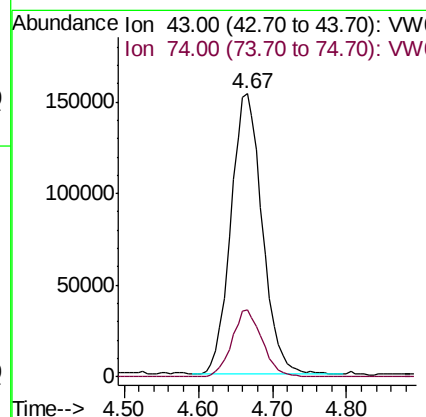
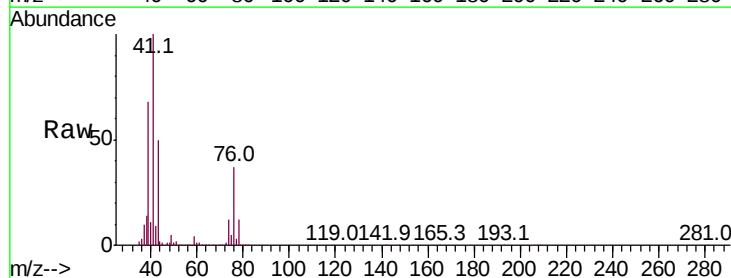
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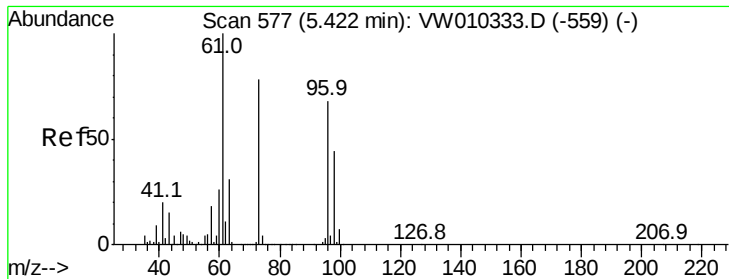
MMDadoda
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#18
Methyl Acetate
Concen: 50.461 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion: 43 Resp: 452593
Ion Ratio Lower Upper
43 100
74 23.1 16.8 25.2





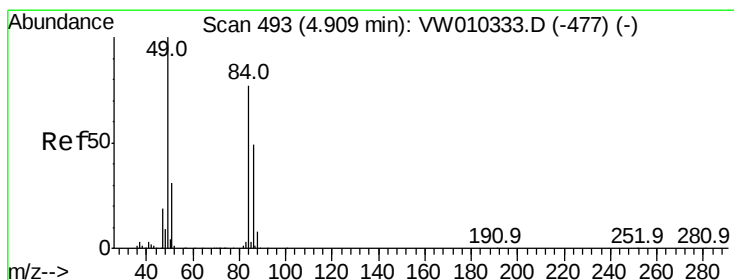
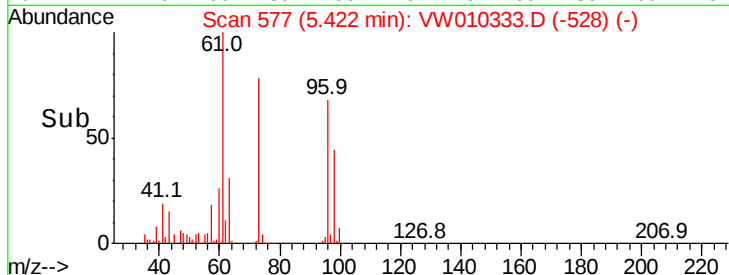
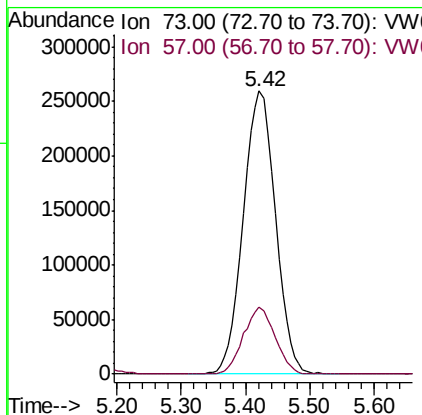
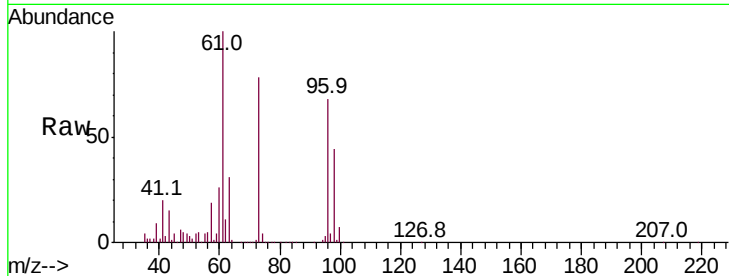
#19
Methvl tert-butvl Ether
Concen: 51.427 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 893770
Ion Ratio Lower Upper
73 100
57 23.8 18.5 27.7

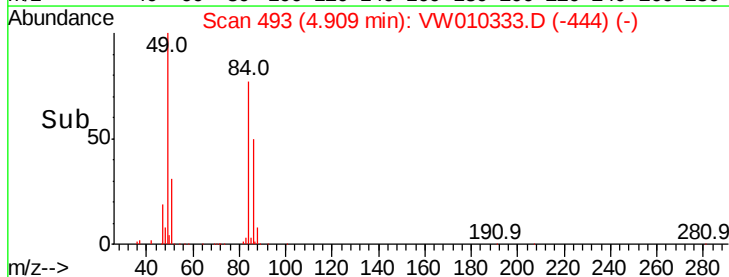
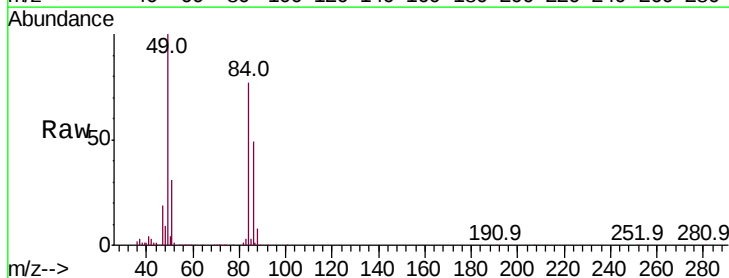
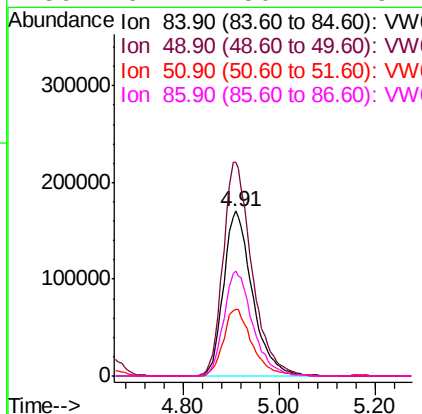
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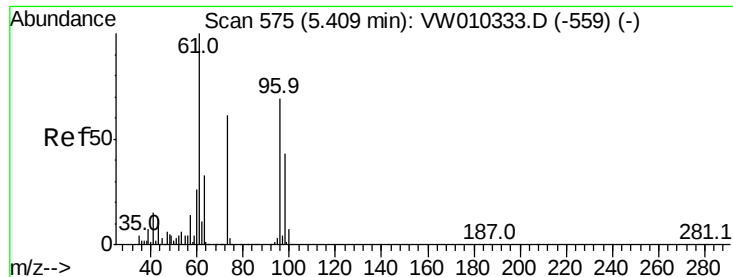
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#20
Methylene Chloride
Concen: 39.740 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion: 84 Resp: 708519
Ion Ratio Lower Upper
84 100
49 129.7 112.3 168.5
51 40.8 33.9 50.9
86 64.2 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 53.942 ug/l

RT: 5.41 min Scan# 575

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 781579

Ion Ratio Lower Upper

96 100

61 144.6 122.3 183.5

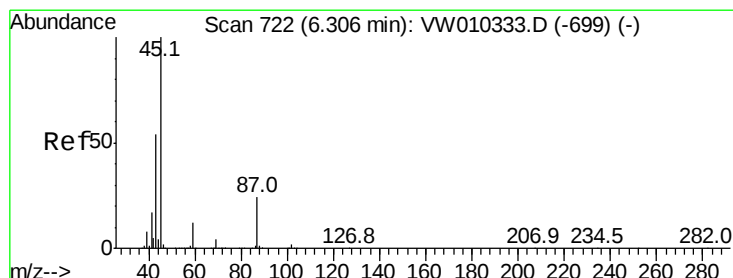
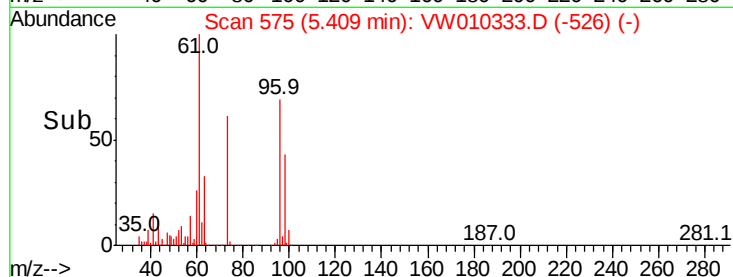
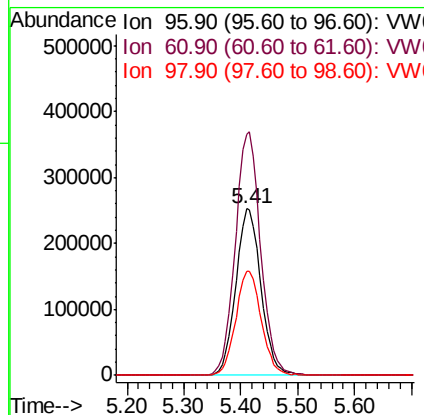
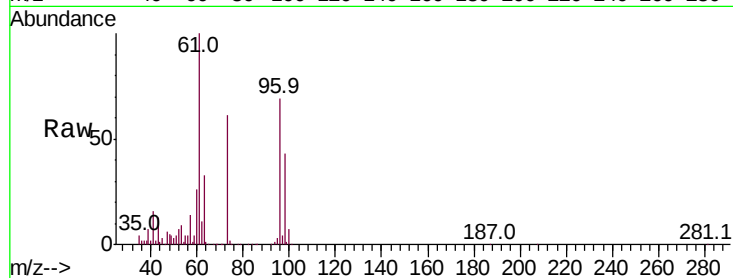
98 62.2 50.5 75.7

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#22

Diisopropyl ether

Concen: 44.913 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Tgt Ion: 45 Resp: 2167157

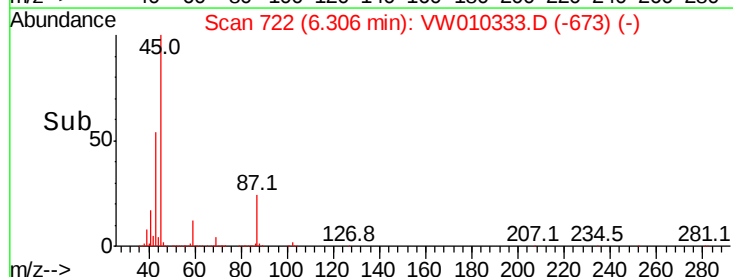
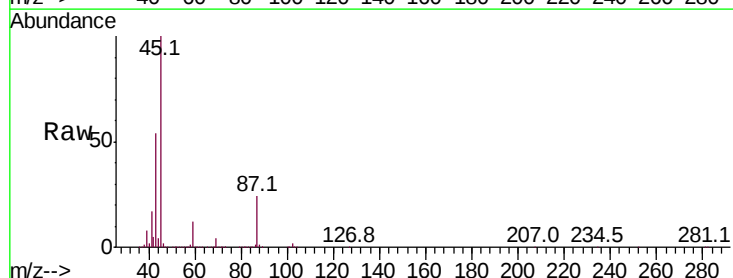
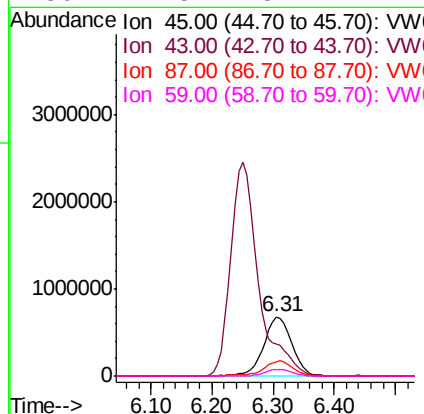
Ion Ratio Lower Upper

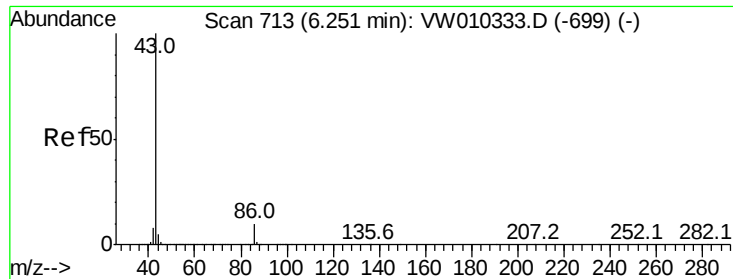
45 100

43 53.9 46.1 69.1

87 24.2 18.3 27.5

59 11.5 8.2 12.4





#23

Vinyl Acetate

Concen: 252.481 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 7669299

Ion Ratio Lower Upper

43 100

86 10.2

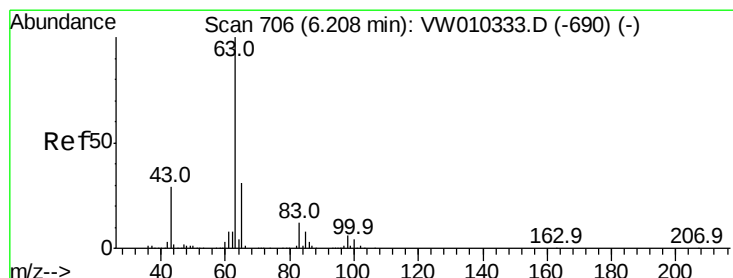
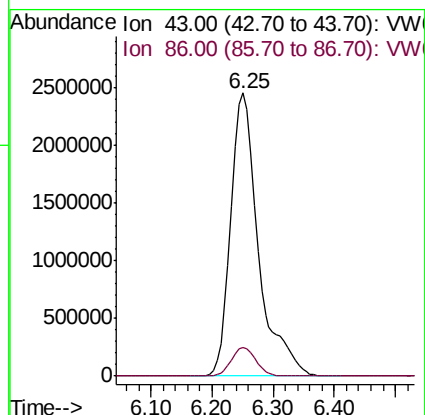
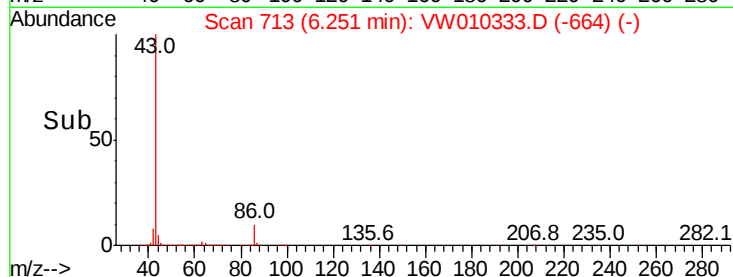
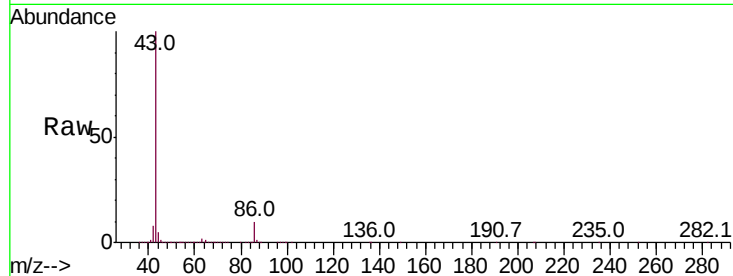
7.0

10.6

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#24

1,1-Dichloroethane

Concen: 48.597 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Tgt Ion: 63 Resp: 1401814

Ion Ratio Lower Upper

63 100

98 6.4

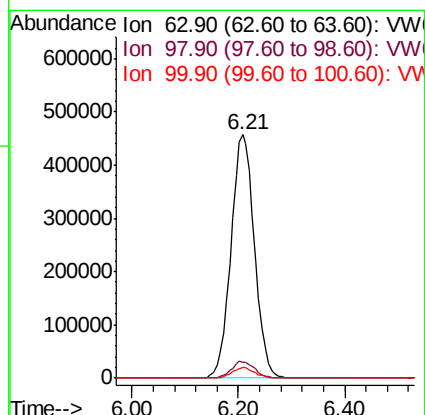
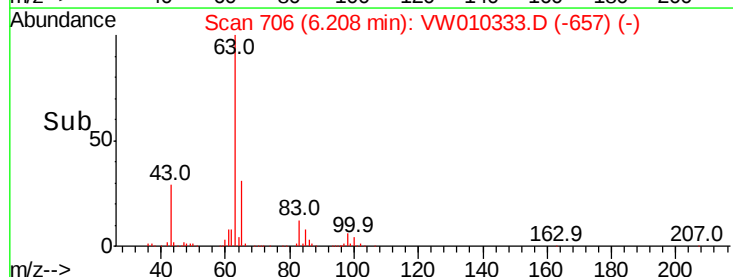
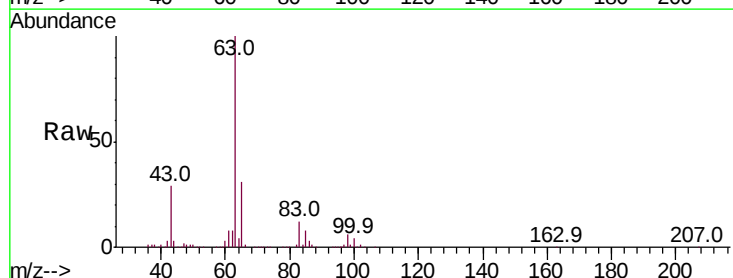
3.3

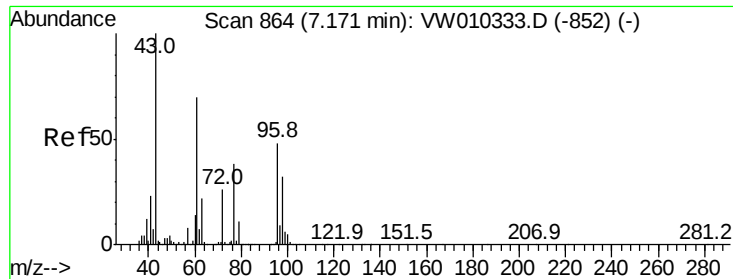
9.8

100 4.2

2.0

6.0





#25

2-Butanone

Concen: 291.173 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Tot Ion: 43 Resp: 1482283

Ion Ratio Lower Upper

43 100

72 26.1 19.1 28.7

Instrument :

MSVOA_W

ClientSampleId :

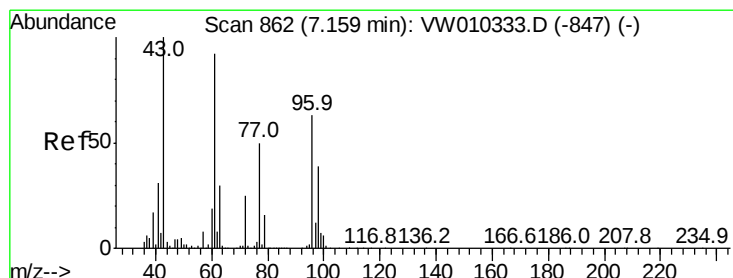
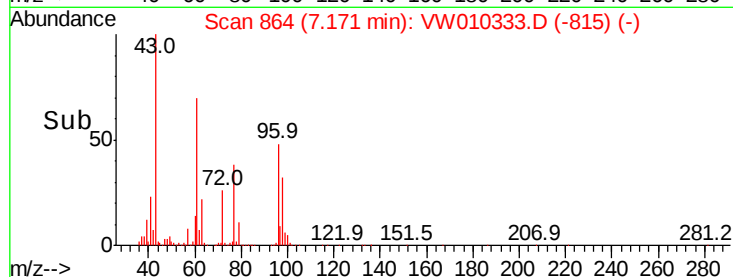
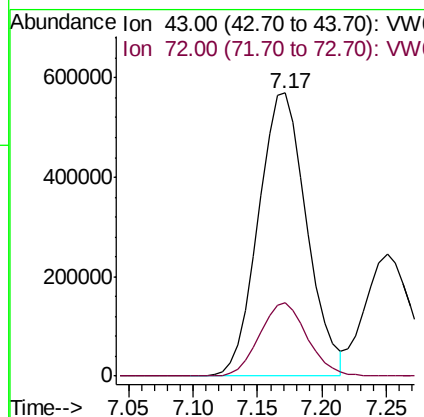
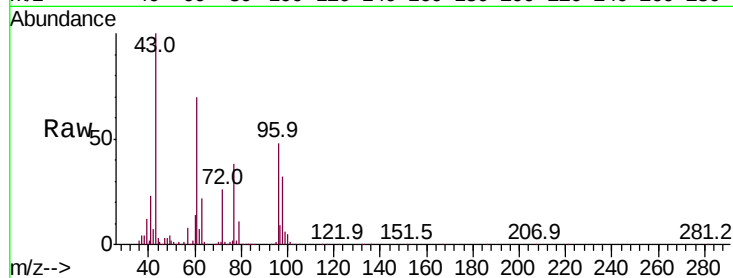
VSTDICCC050

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#26

2,2-Dichloropropane

Concen: 44.079 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW010333.D

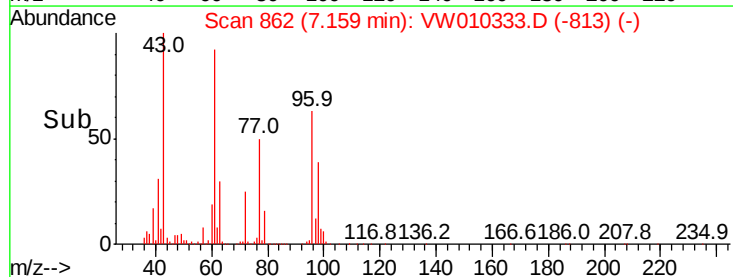
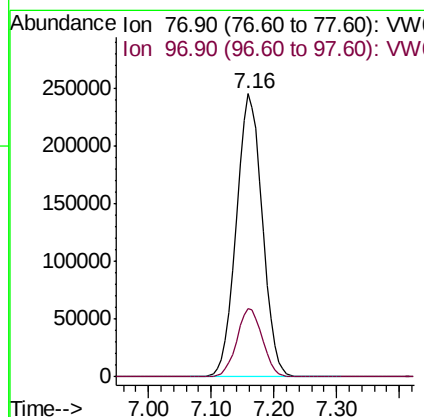
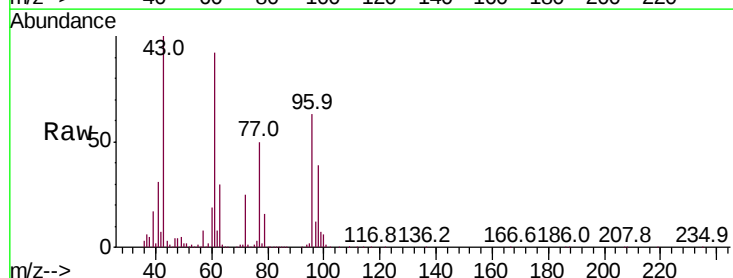
Acq: 09 May 2019 12:34

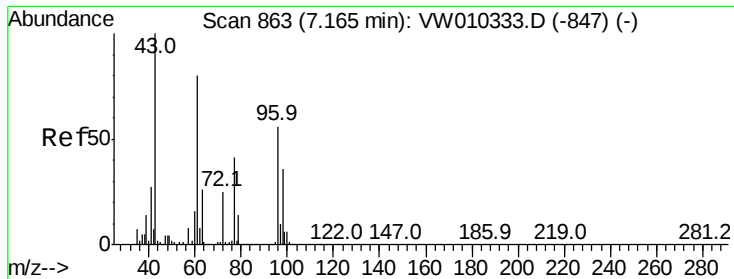
Tgt Ion: 77 Resp: 703459

Ion Ratio Lower Upper

77 100

97 23.8 11.3 33.9





#27

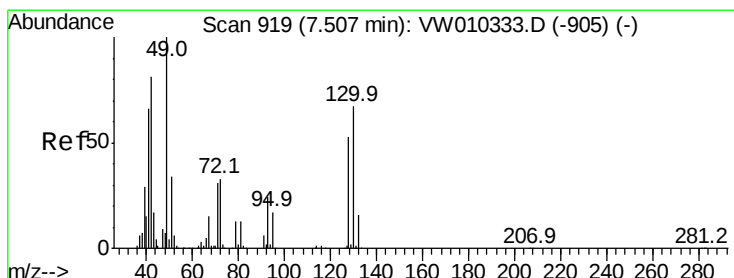
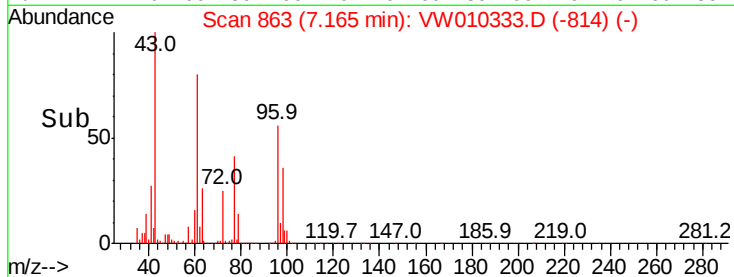
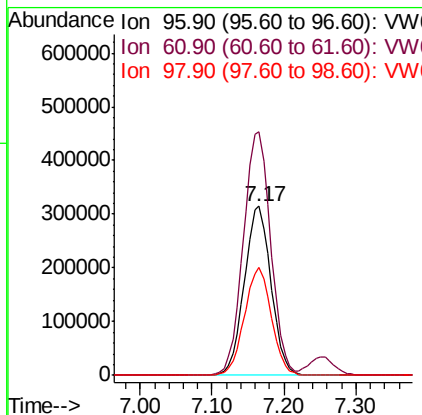
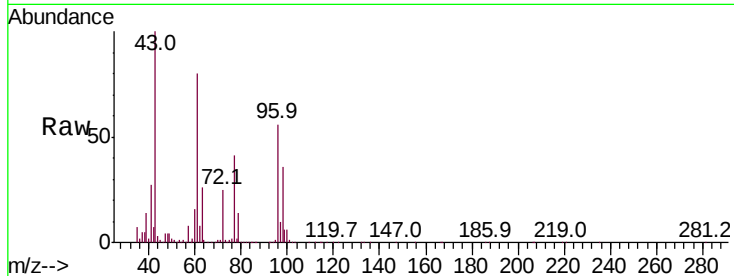
cis-1,2-Dichloroethene
Concen: 50.825 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	809906		
61	148.0		0.0	309.4
98	64.2		0.0	128.6

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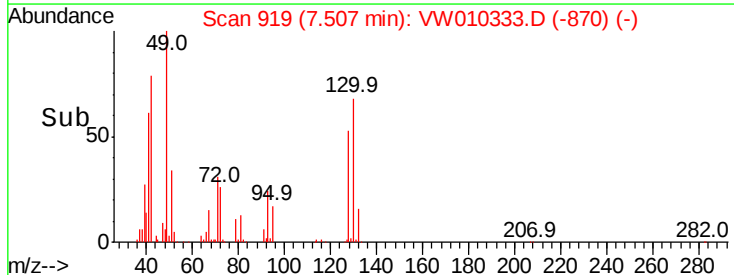
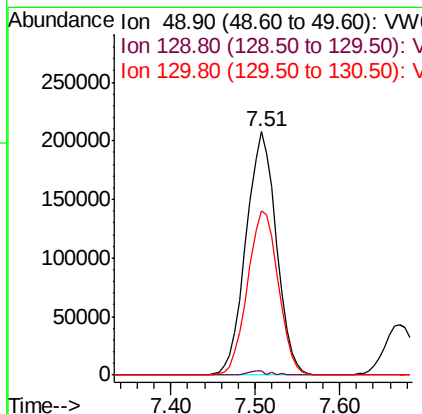
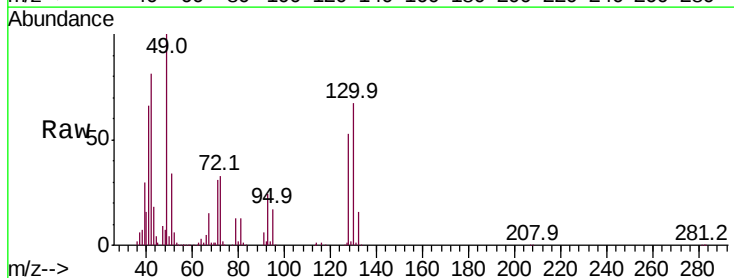
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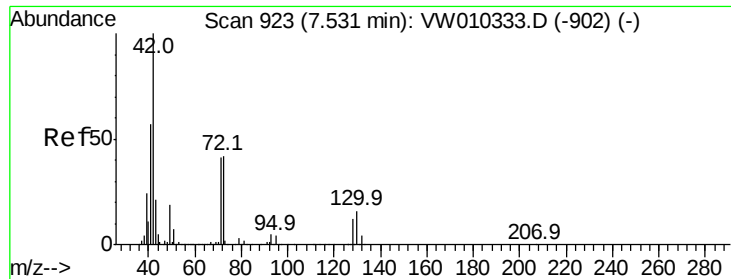


#28

Bromochloromethane
Concen: 43.017 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	507094		
129	1.2		0.0	3.8
130	68.4		54.6	82.0





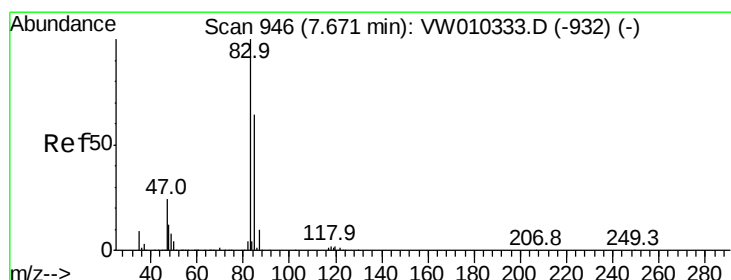
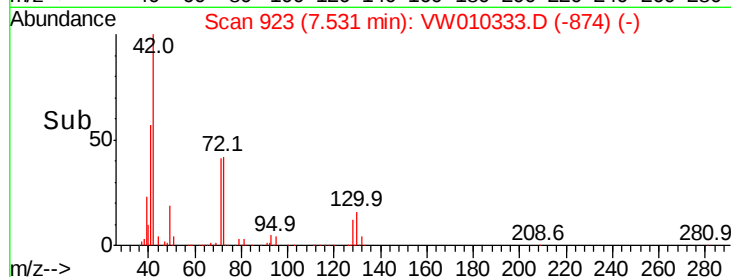
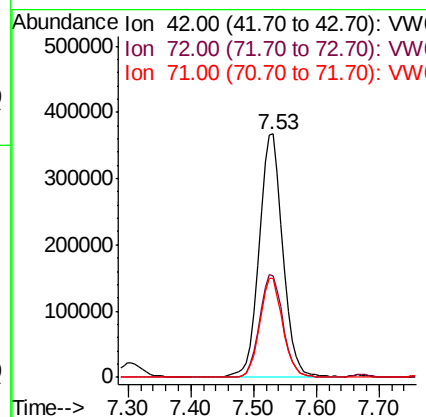
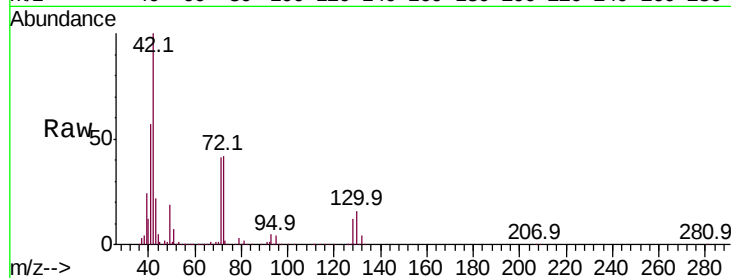
#29
Tetrahydrofuran
Concen: 295.362 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	31.0	46.6
71	39.6	29.7	44.5

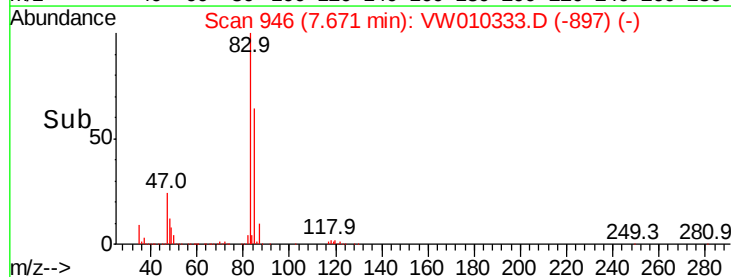
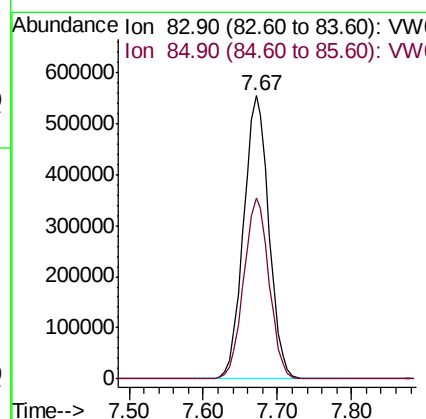
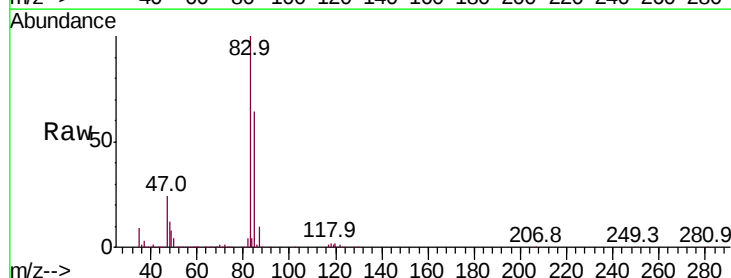
Manual Integrations
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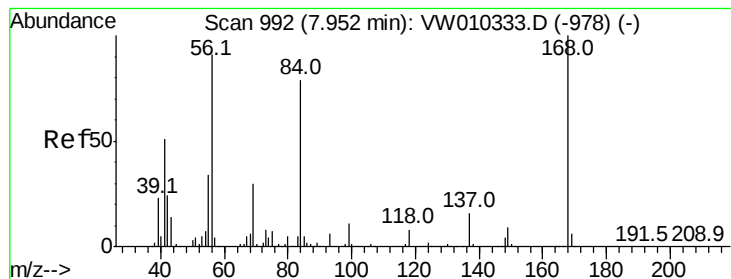
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#30
Chloroform
Concen: 45.572 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.7	76.1





#31

Cvclohexane

Concen: 51.651 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 1395164

Ion Ratio Lower Upper

56 100

69 32.9 26.6 40.0

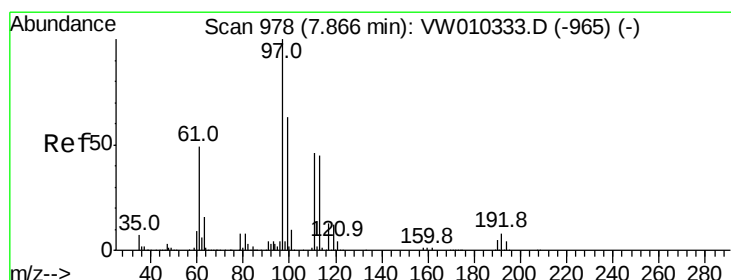
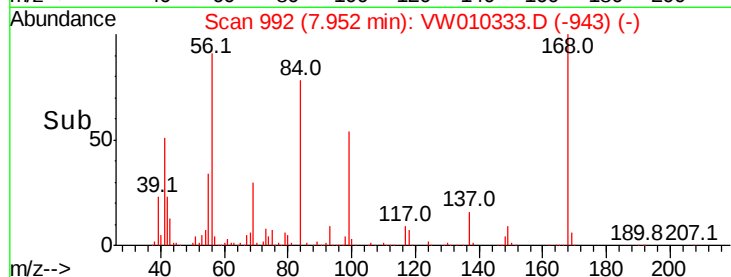
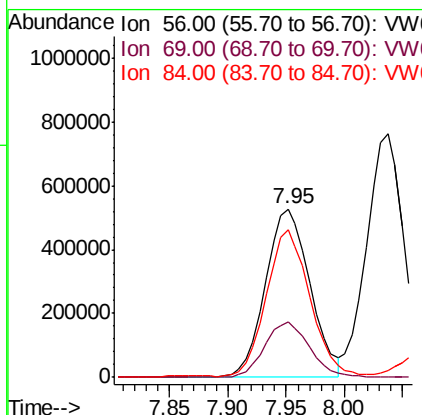
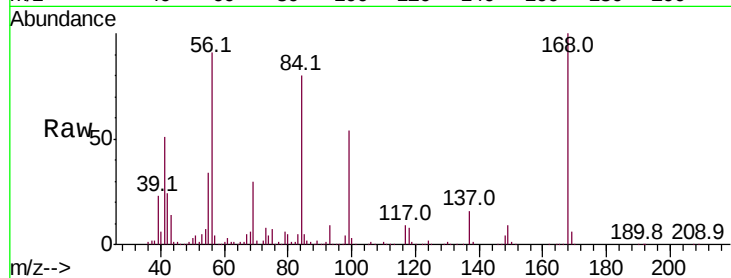
84 86.2 66.2 99.2

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5/10/2019 10:07:23 AM



#32

1,1,1-Trichloroethane

Concen: 44.694 ug/l

RT: 7.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

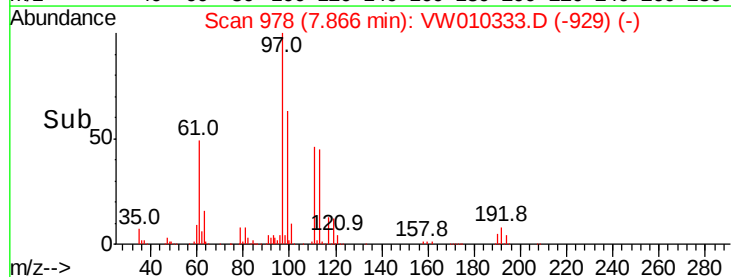
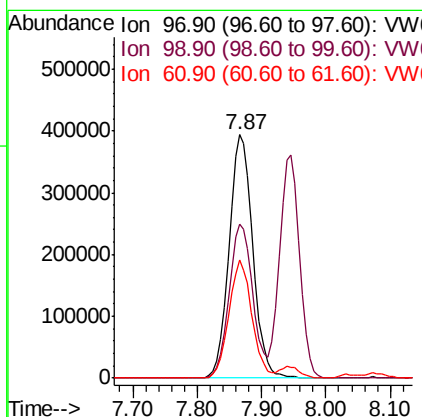
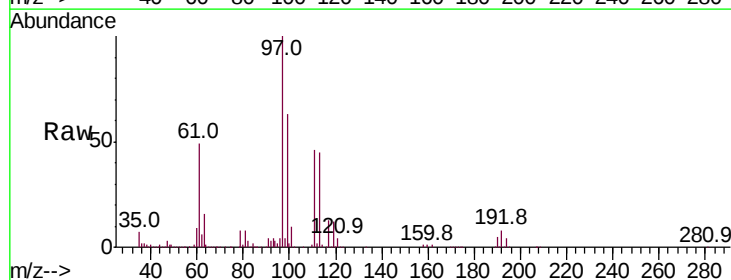
Tgt Ion: 97 Resp: 1014136

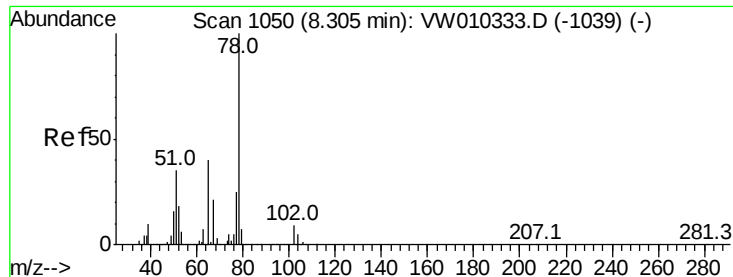
Ion Ratio Lower Upper

97 100

99 64.1 50.2 75.2

61 47.1 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 43.539 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 65 Resp: 727216

Ion Ratio Lower Upper

65 100

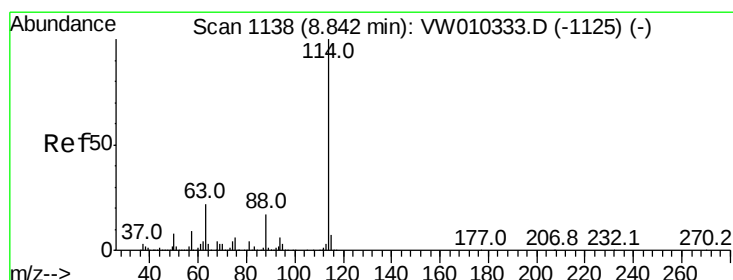
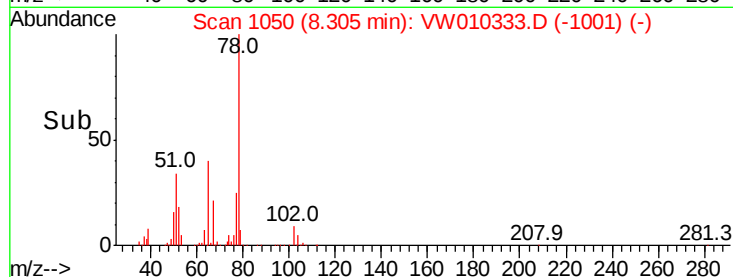
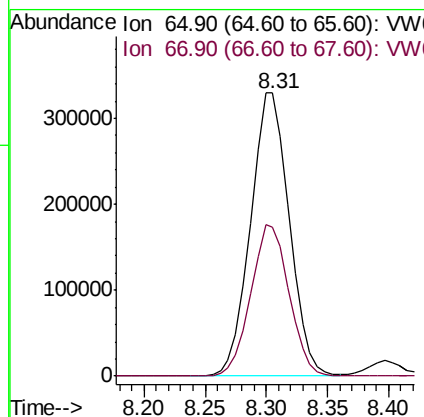
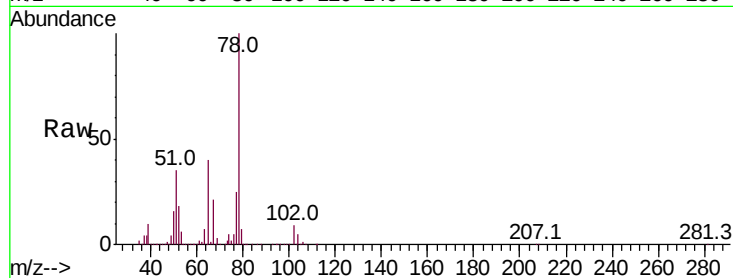
67 52.8 0.0 100.8

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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: VW010333.D

Acq: 09 May 2019 12:34

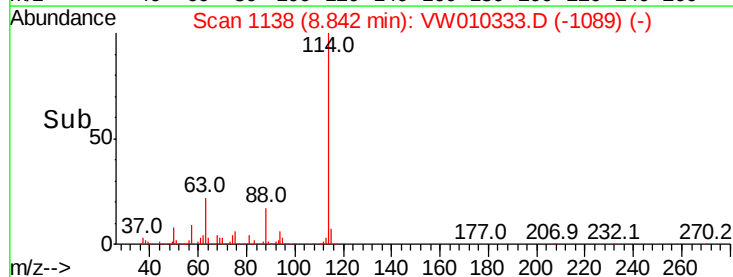
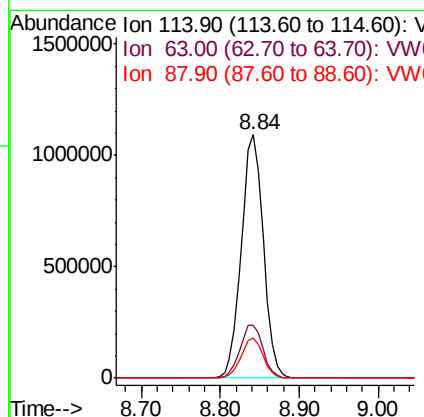
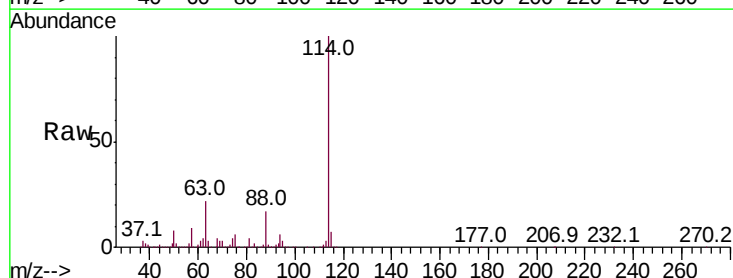
Tgt Ion: 114 Resp: 2125517

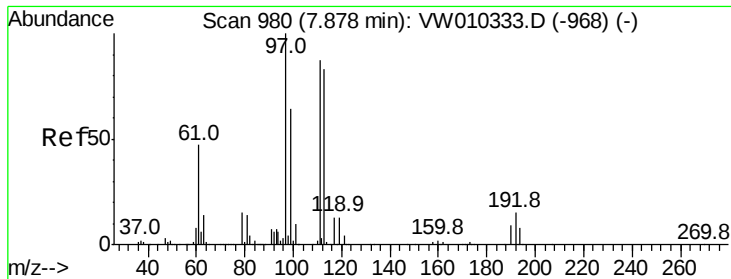
Ion Ratio Lower Upper

114 100

63 21.8 0.0 46.2

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.261 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

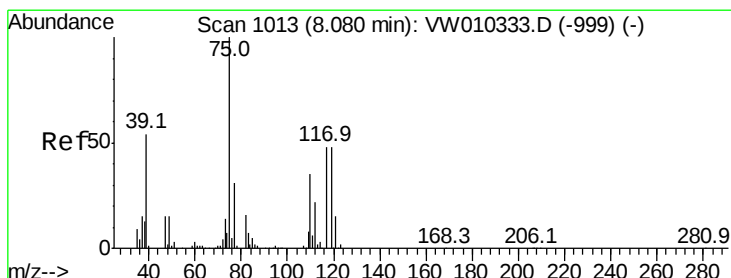
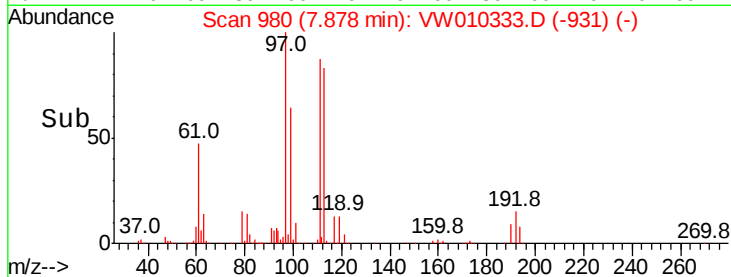
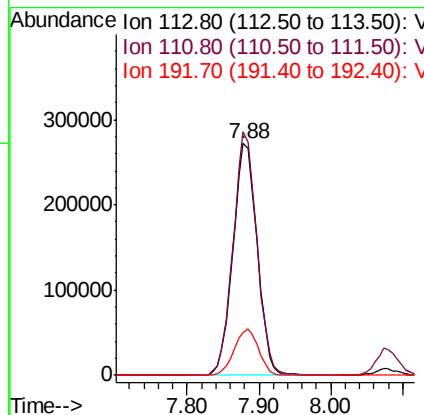
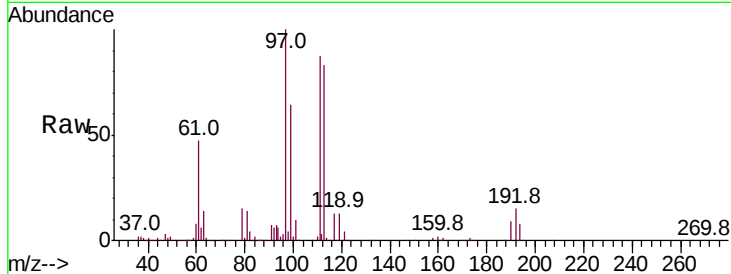
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	638656
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.6	123.8
192	20.0	15.4	23.2

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#36

1,1-Dichloropropene

Concen: 52.693 ug/l

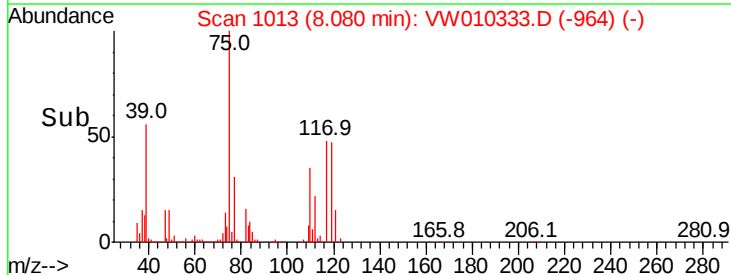
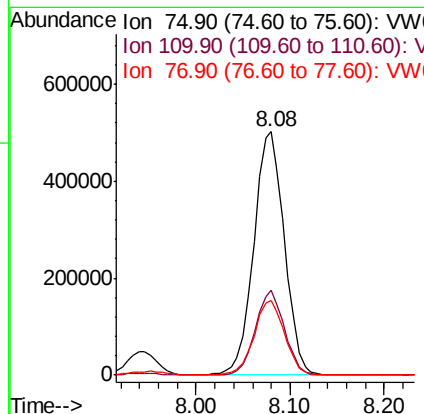
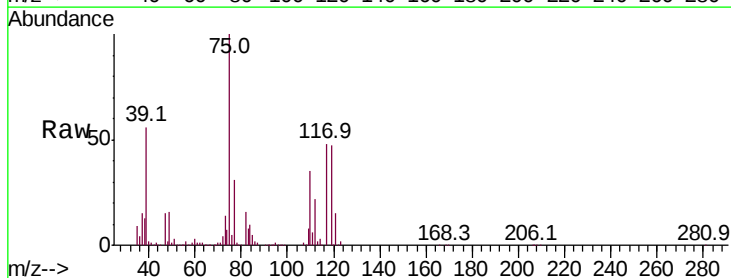
RT: 8.08 min Scan# 1013

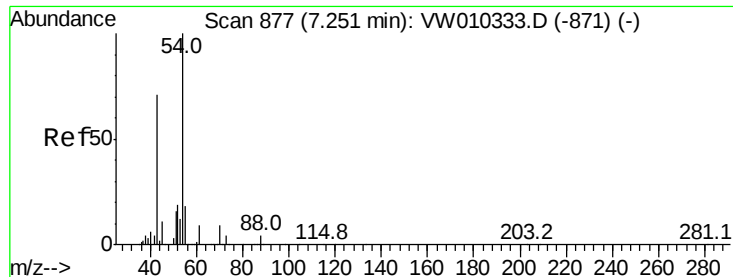
Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Tgt Ion:	75	Resp:	1144053
Ion Ratio	Lower	Upper	
75	100		
110	33.1	16.6	49.8
77	30.7	24.8	37.2





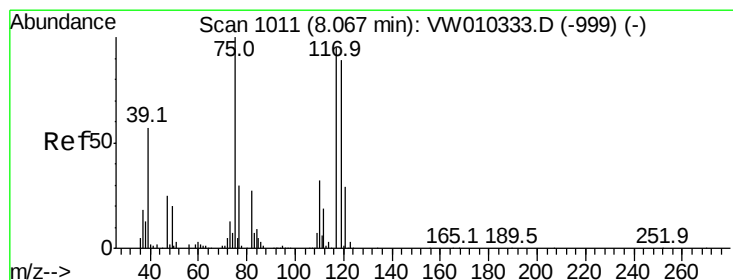
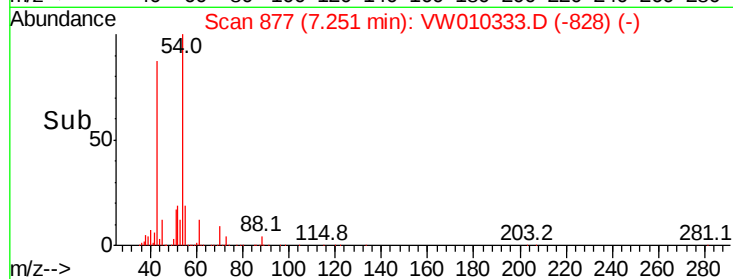
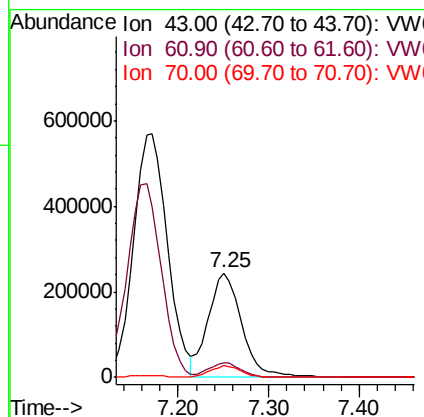
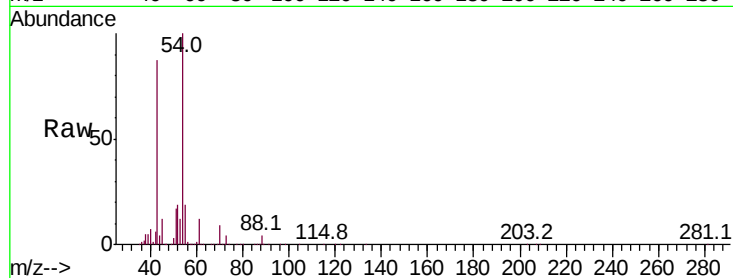
#37
Ethyl Acetate
Concen: 56.744 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	9.8	14.8
70	10.5	7.4	11.0

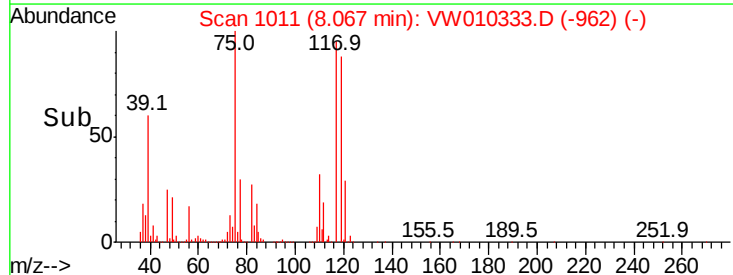
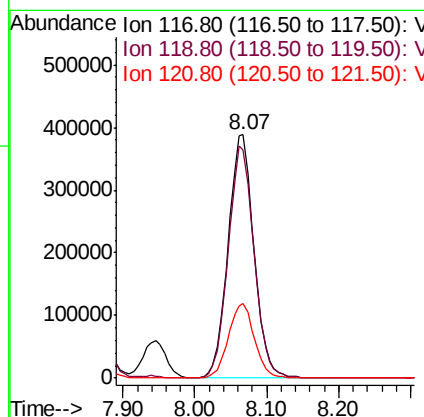
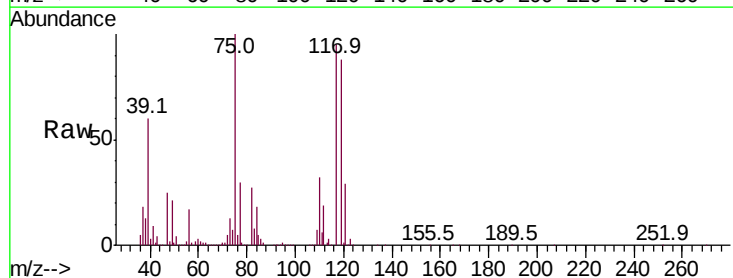
Manual Integrations
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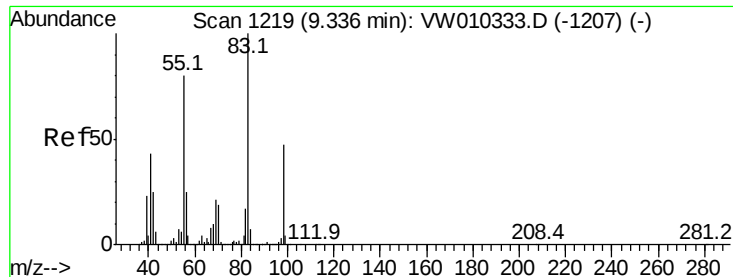
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#38
Carbon Tetrachloride
Concen: 45.901 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.3	112.9
121	30.5	24.4	36.6





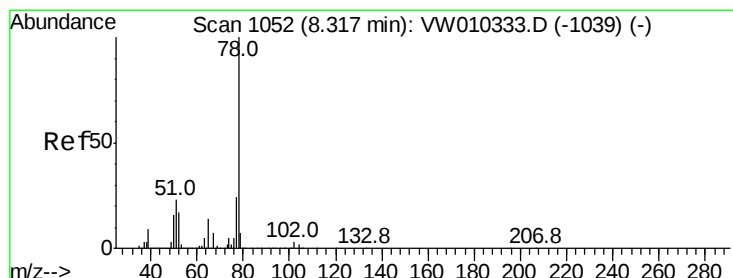
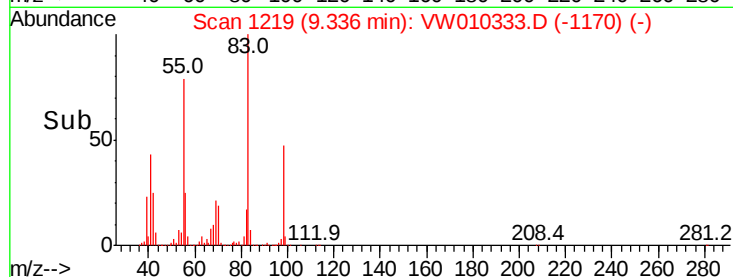
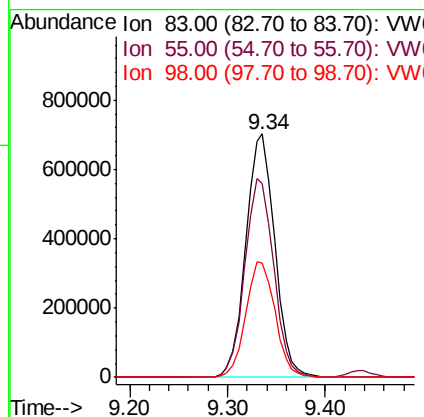
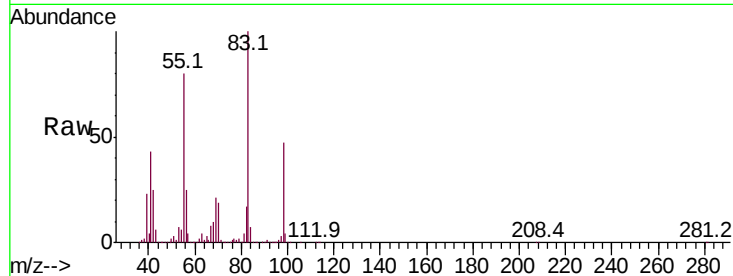
#39
Methvlcvclohexane
Concen: 58.957 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.5	67.1	100.7
98	47.2	39.2	58.8

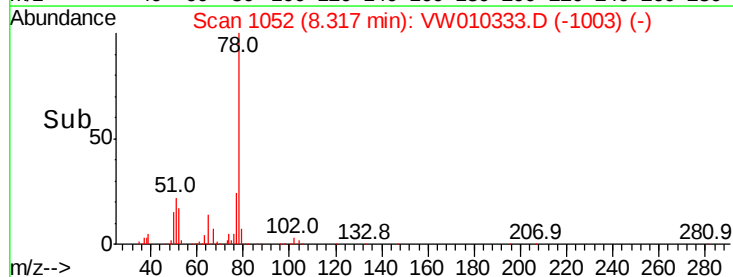
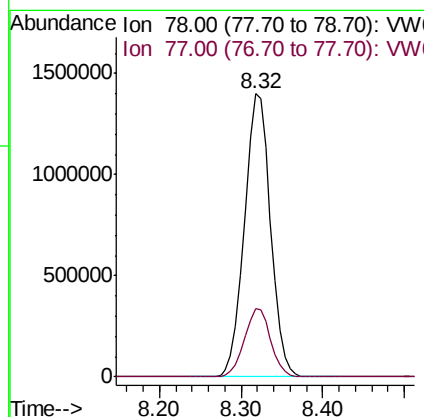
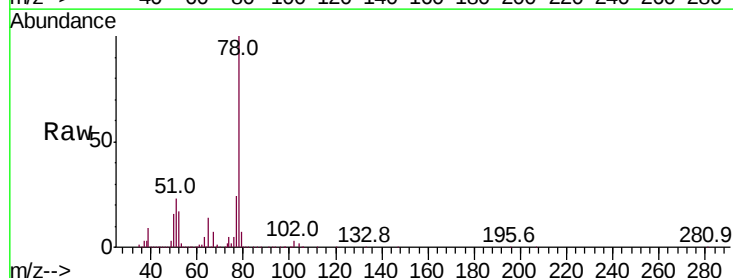
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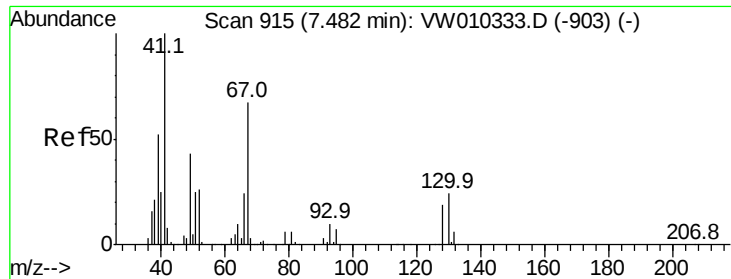
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#40
Benzene
Concen: 52.267 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7





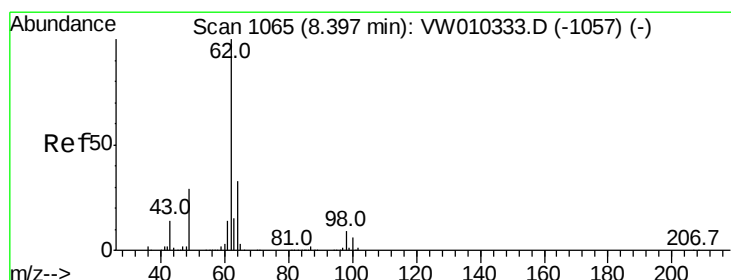
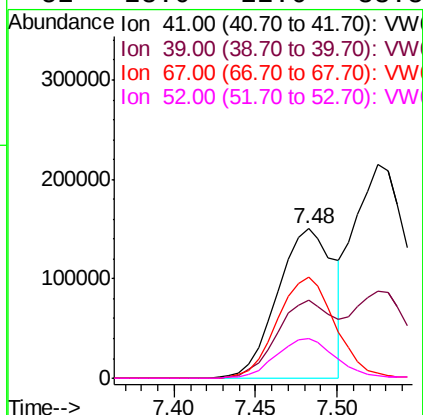
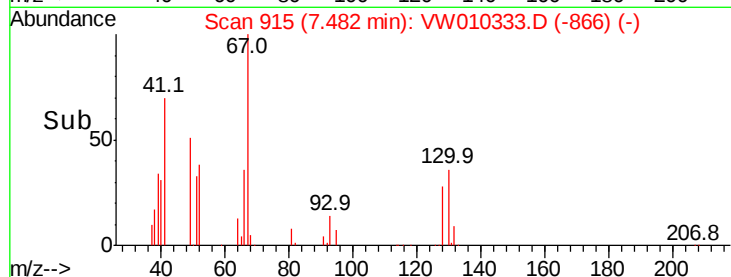
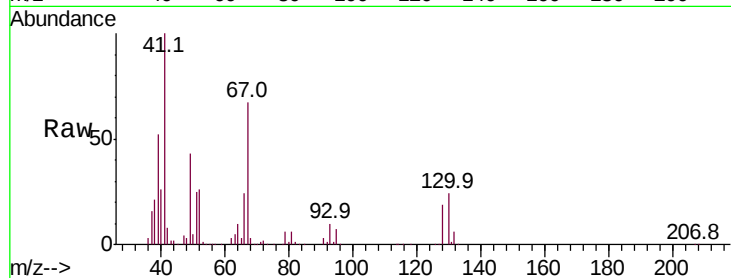
#41
Methacrylonitrile
Concen: 57.527 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.3	45.0	67.4
67	69.8	50.7	76.1
52	28.0	22.6	33.8

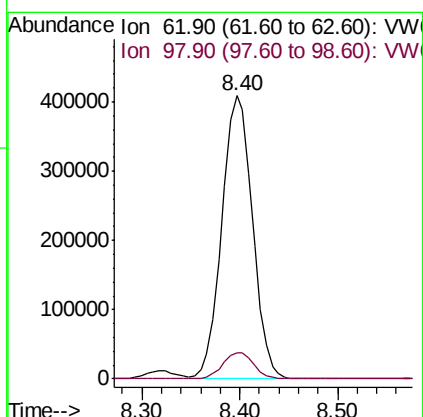
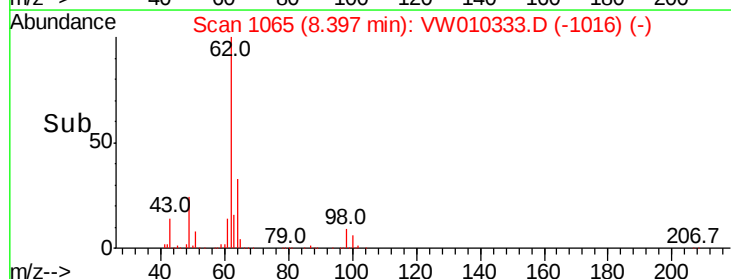
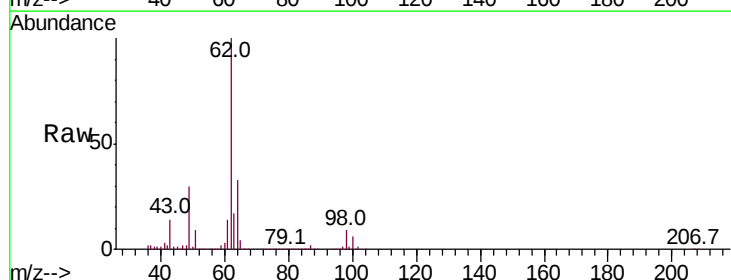
Manual Integrations
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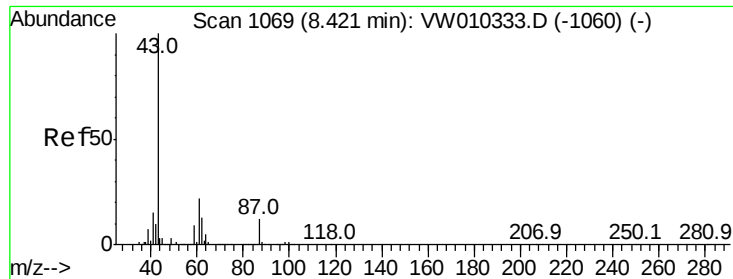
MMDadoda
5/10/2019 10:07:23 AM



#42
1,2-Dichloroethane
Concen: 43.548 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	16.6





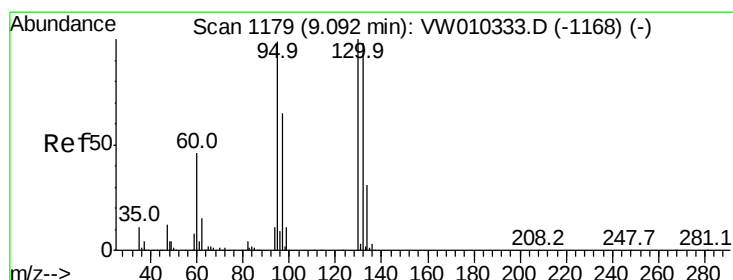
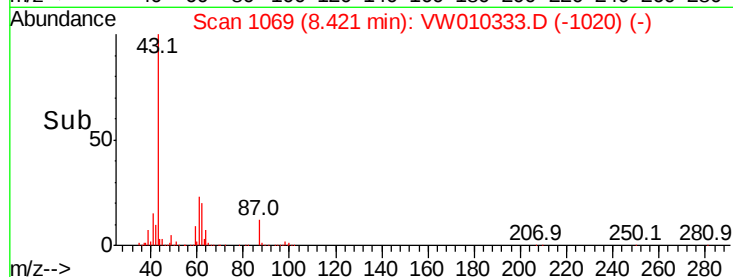
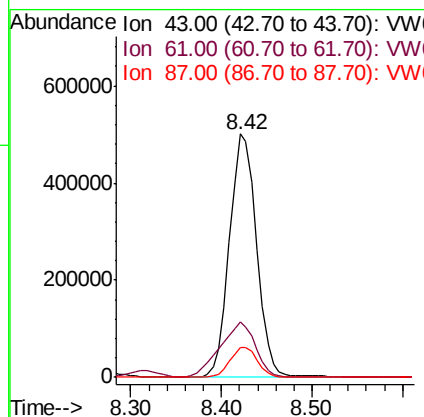
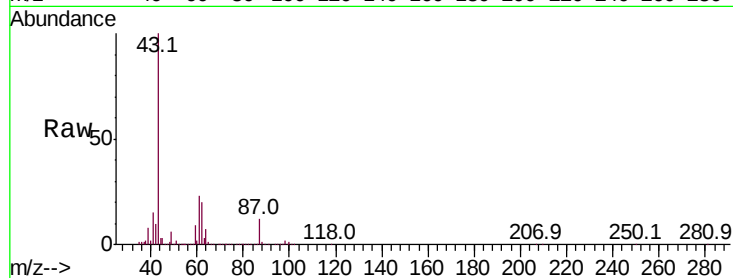
#43
Isopropyl Acetate
Concen: 50.187 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.7	23.0	34.6
87	12.6	9.3	13.9

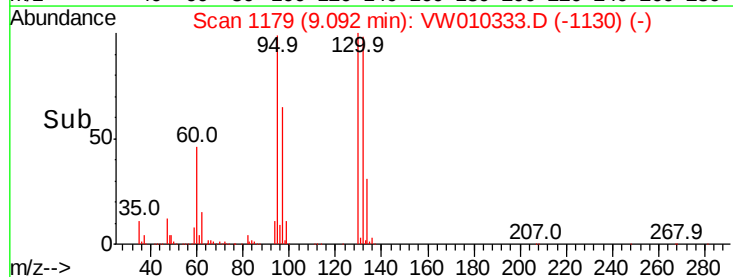
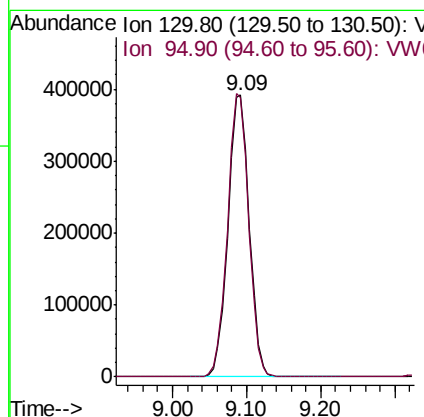
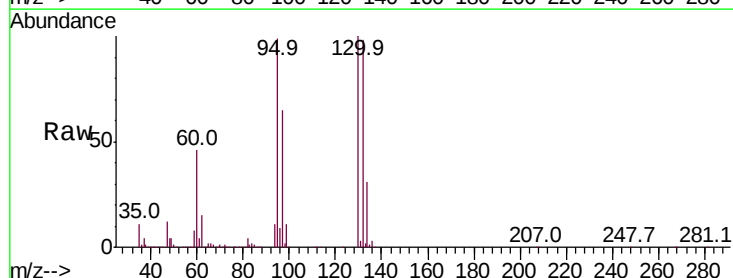
Manual Integrations
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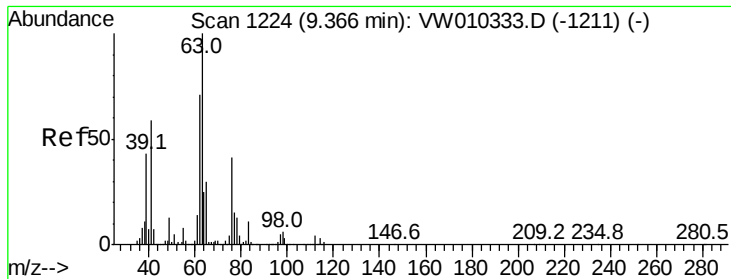
MMDadoda
5/10/2019 10:07:23 AM



#44
Trichloroethene
Concen: 51.716 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	205.4





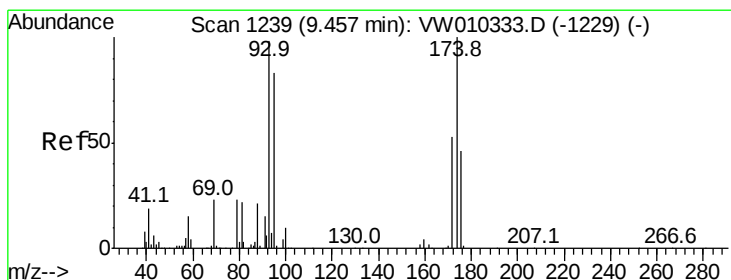
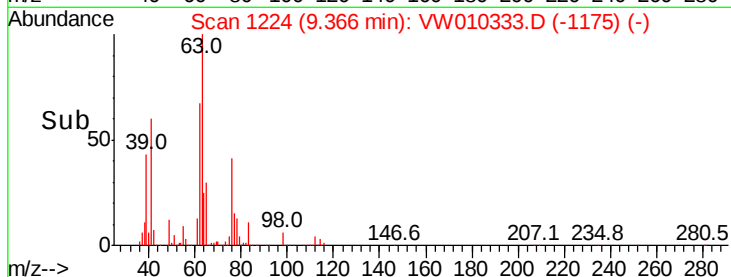
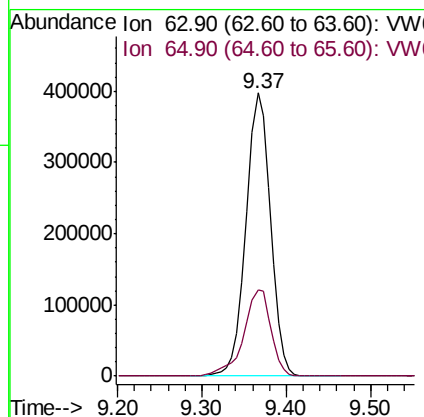
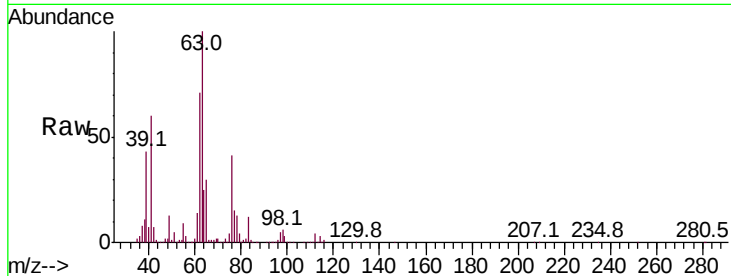
#45
 1,2-Dichloropropane
 Concen: 49.638 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	23.8	35.6

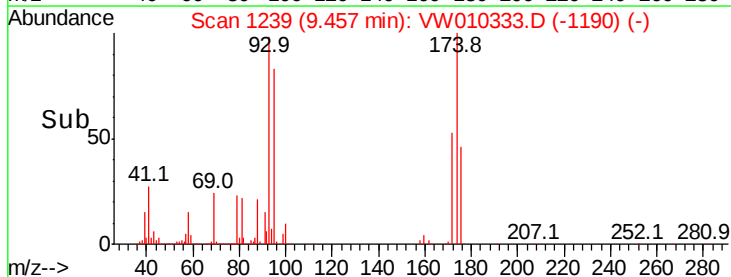
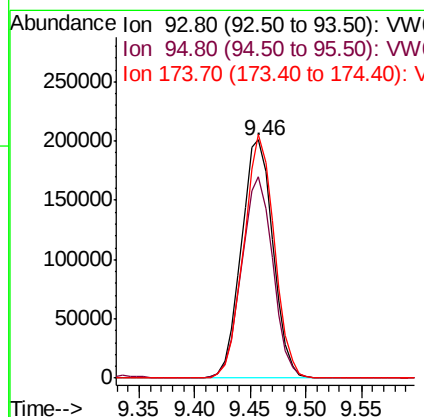
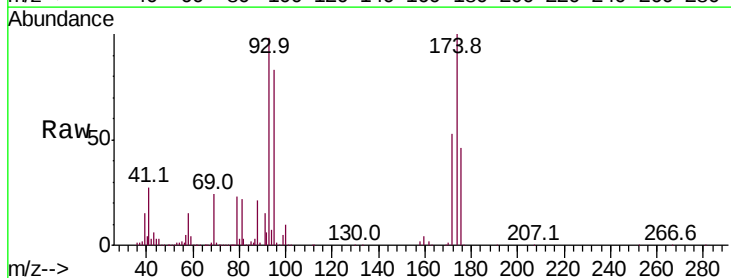
Manual Integrations
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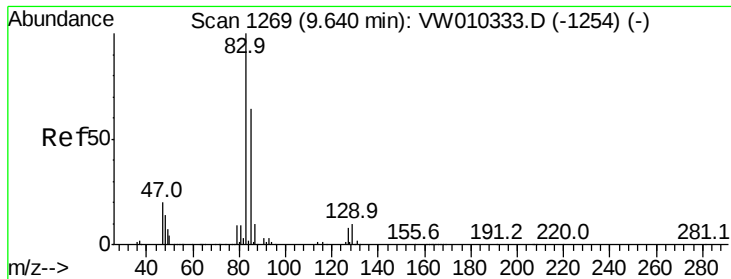
MMDadoda
 5/10/2019 10:07:23 AM



#46
 Dibromomethane
 Concen: 49.252 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	65.8	98.8
174	98.5	75.5	113.3





#47

Bromodichloromethane

Concen: 45.914 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

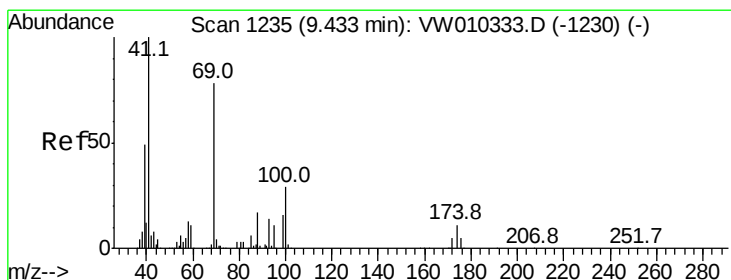
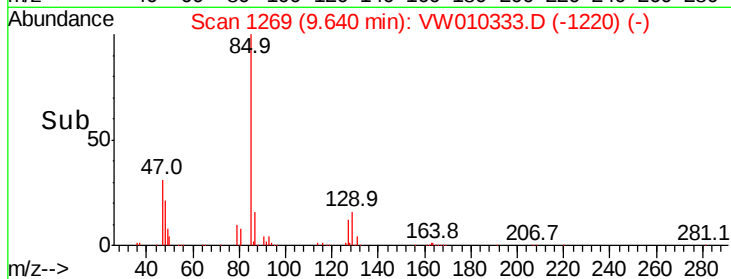
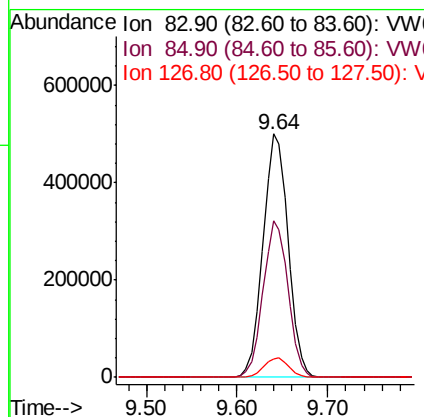
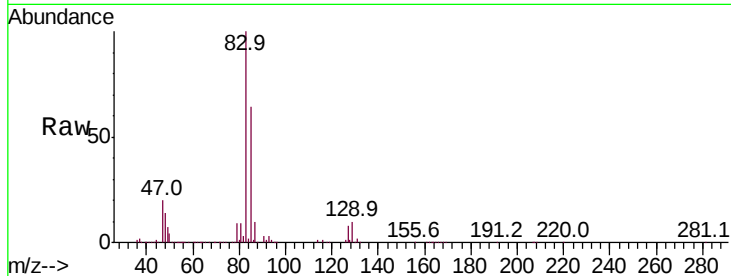
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	958582
Ion Ratio	Lower	Upper	
83	100		
85	64.2	50.6	75.8
127	7.7	6.6	10.0

Manual Integrations
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MMDadoda
5/10/2019 10:07:23 AM



#48

Methyl methacrylate

Concen: 50.288 ug/l

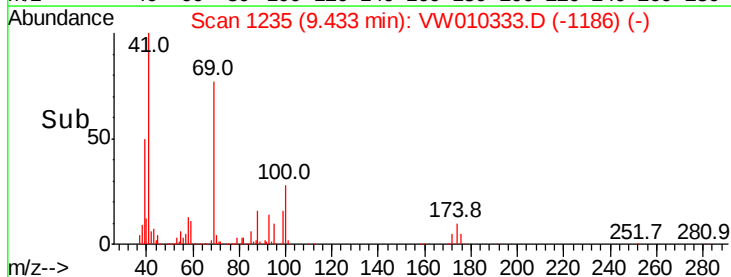
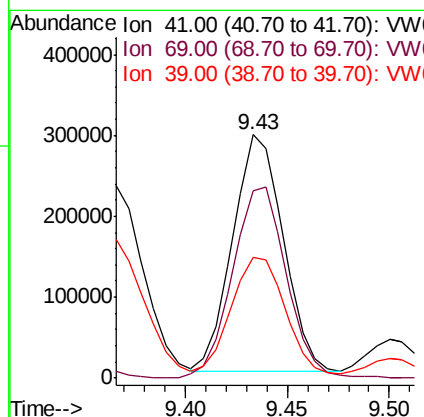
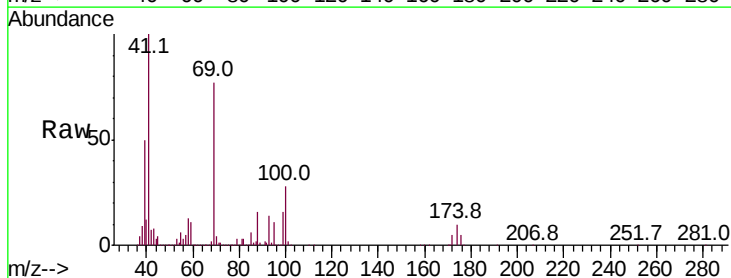
RT: 9.43 min Scan# 1235

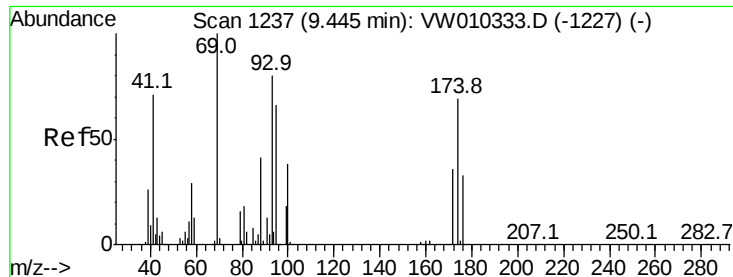
Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Tgt Ion:	41	Resp:	506087
Ion Ratio	Lower	Upper	
41	100		
69	85.1	60.1	90.1
39	52.0	51.0	76.6





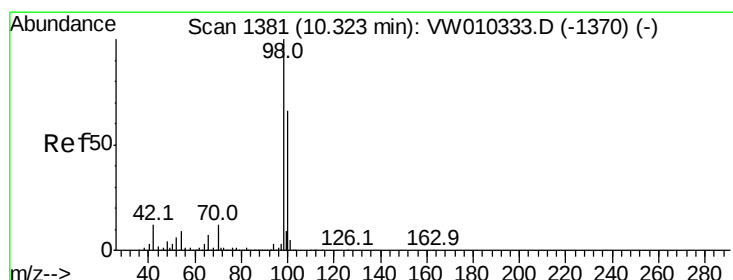
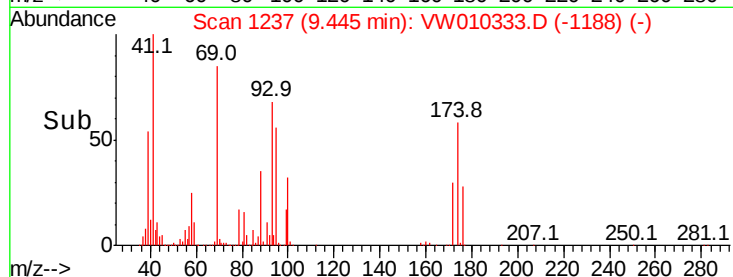
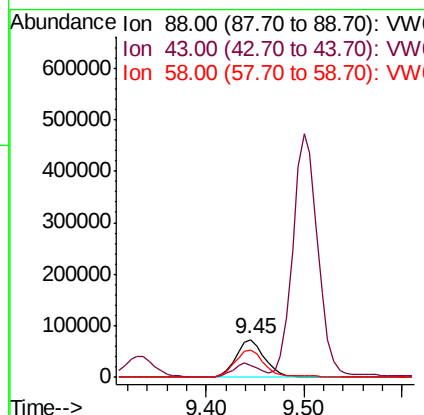
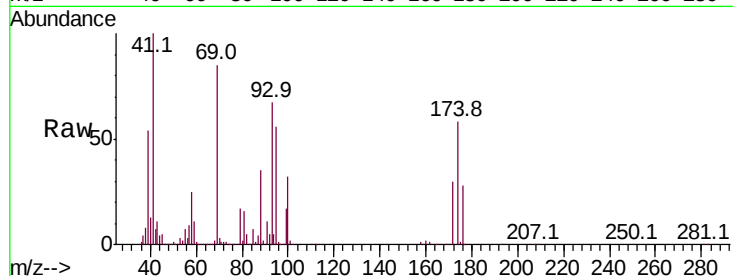
#49
1,4-Dioxane
Concen: 1204.638 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	88	Resp	148867
Ion	Ratio	Lower	Upper
88	100		
43	33.6	31.9	47.9
58	76.7	61.8	92.6

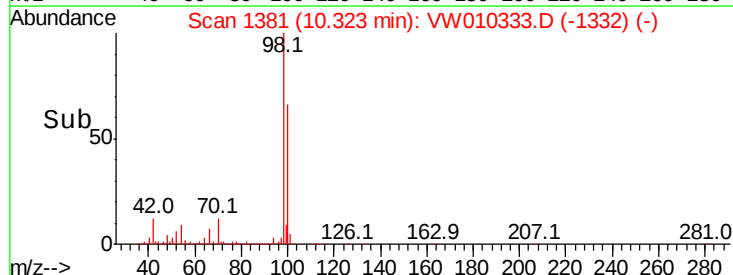
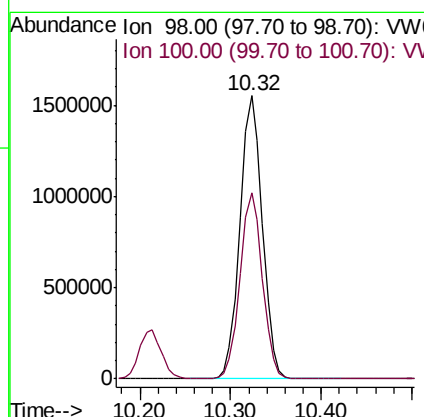
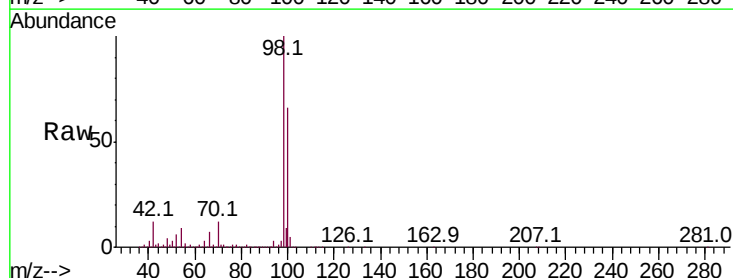
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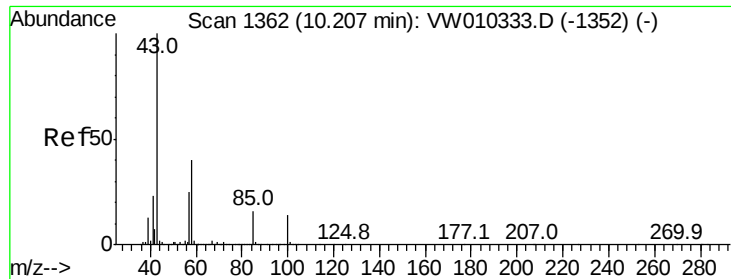
MMDadoda
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#50
Toluene-d8
Concen: 52.488 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion	98	Resp	2657814
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.3	78.5





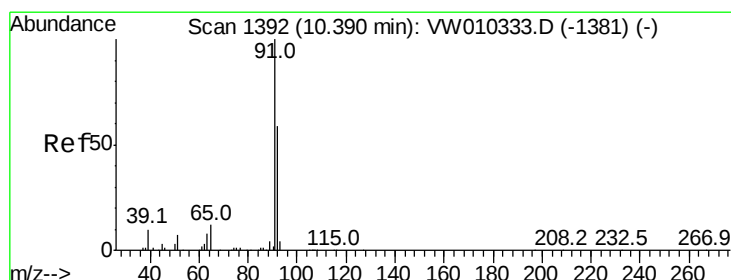
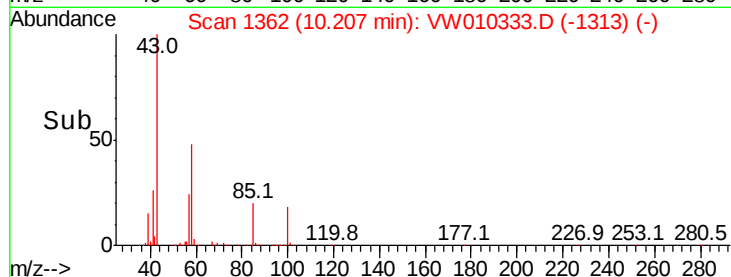
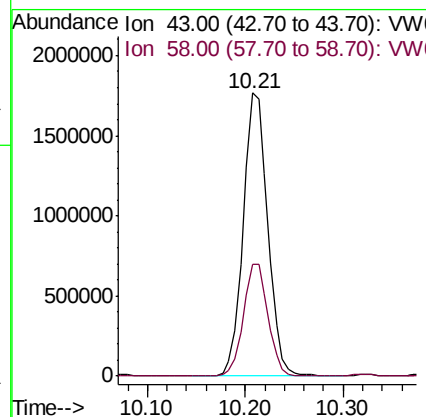
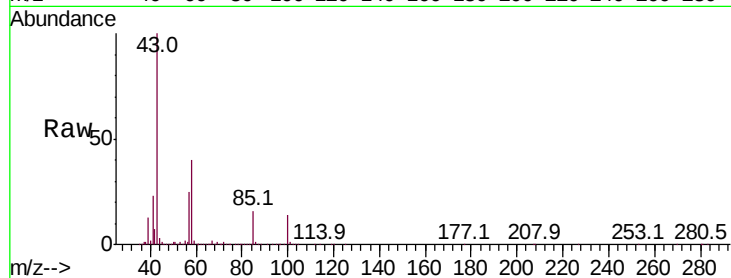
#51
 4-Methyl-2-Pentanone
 Concen: 283.343 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 3068098
 Ion Ratio Lower Upper
 43 100
 58 39.9 28.9 43.3

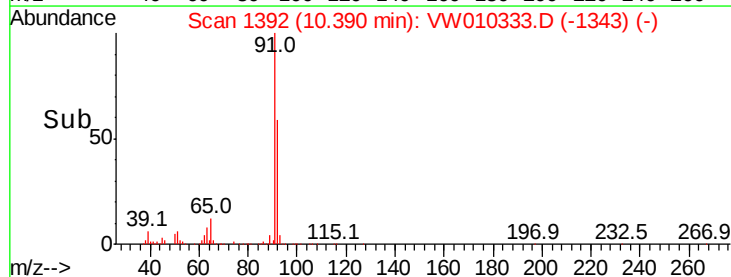
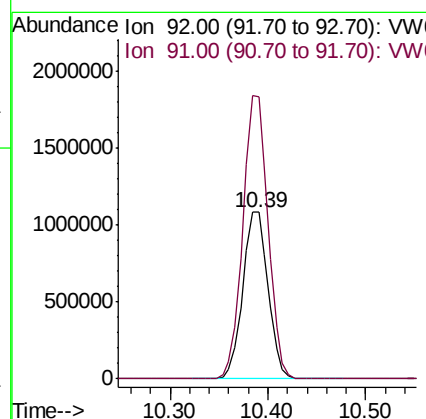
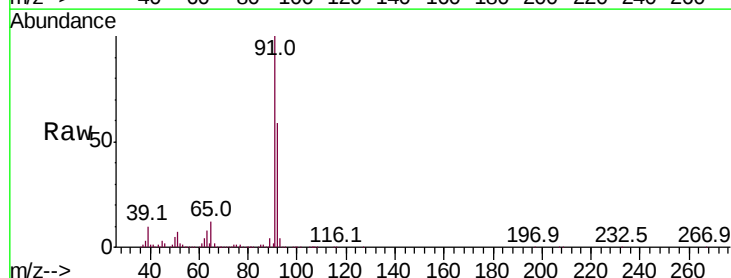
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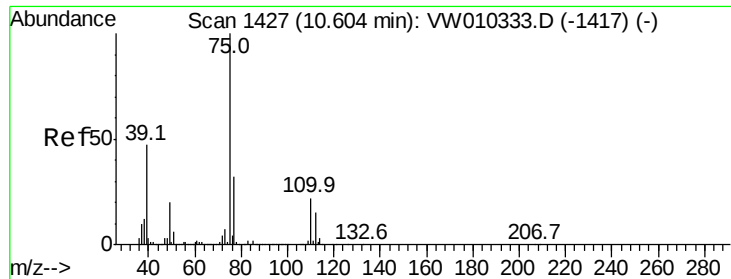
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#52
 Toluene
 Concen: 52.310 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Tgt Ion: 92 Resp: 1934418
 Ion Ratio Lower Upper
 92 100
 91 169.5 138.5 207.7





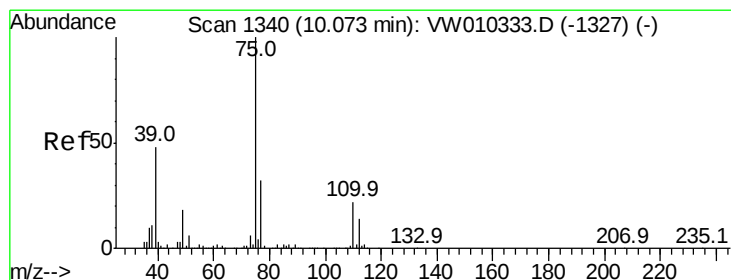
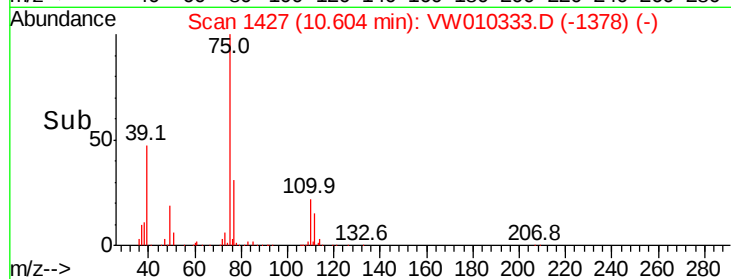
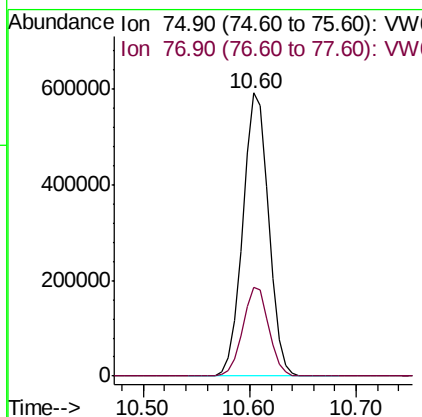
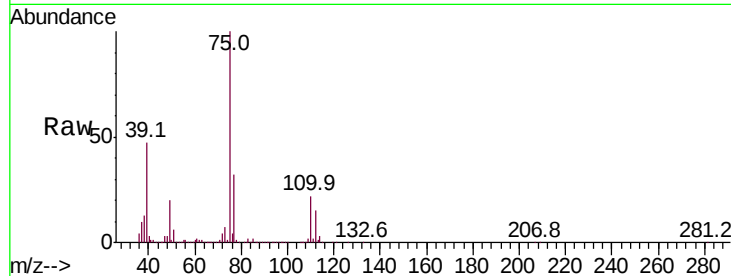
#53
t-1,3-Dichloropropene
Concen: 48.890 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 1011987
Ion Ratio Lower Upper
75 100
77 31.5 26.9 40.3

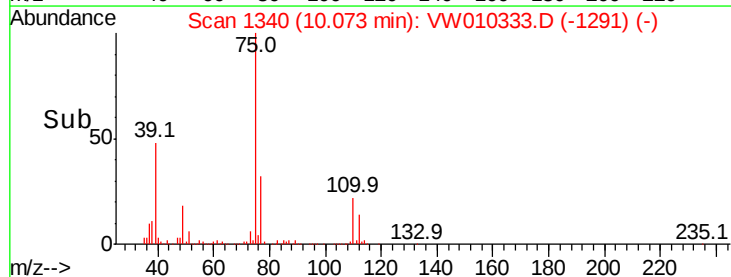
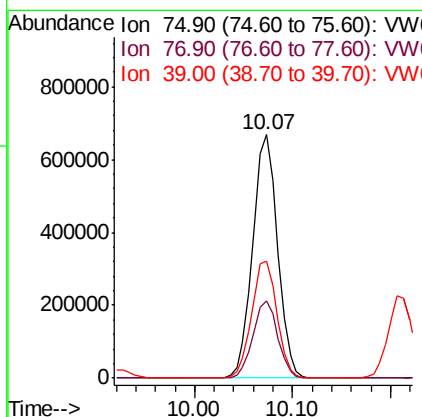
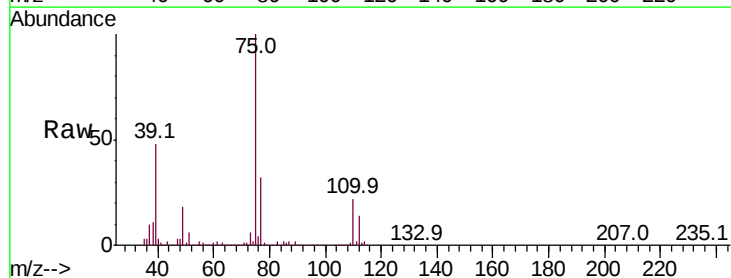
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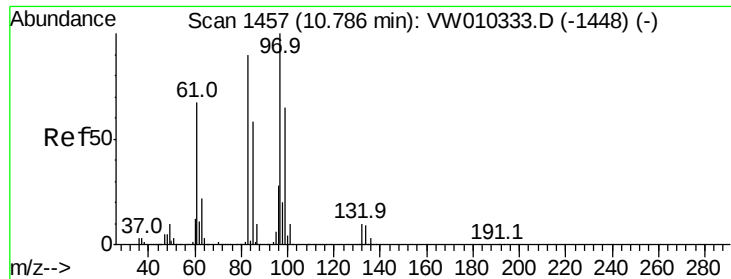
MMDadoda
5/10/2019 10:07:23 AM



#54
cis-1,3-Dichloropropene
Concen: 49.962 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion: 75 Resp: 1180880
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
39 47.8 47.8 71.6





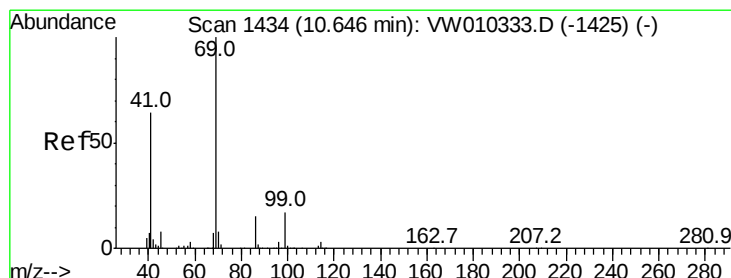
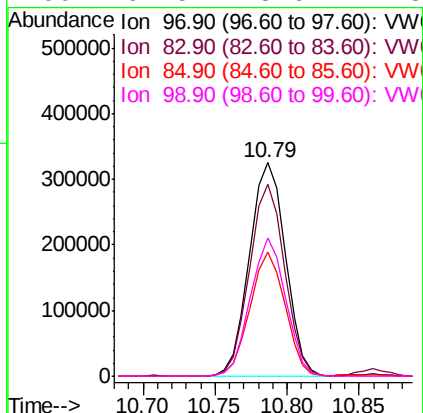
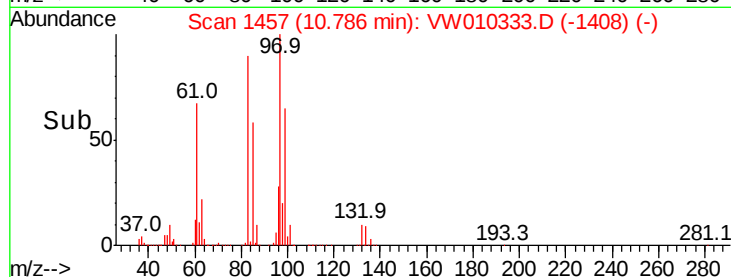
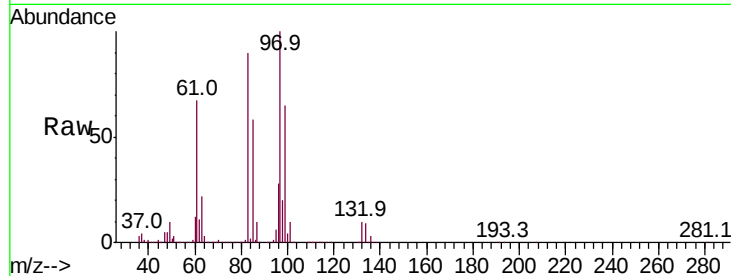
#55
 1,1,2-Trichloroethane
 Concen: 49.952 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.6	68.9	103.3
85	57.9	42.9	64.3
99	64.5	48.6	72.8

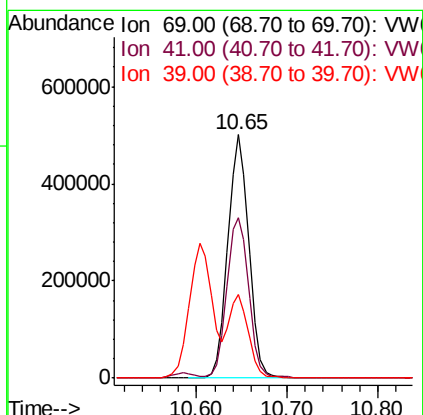
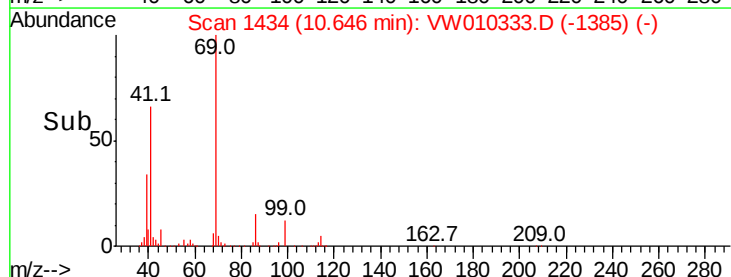
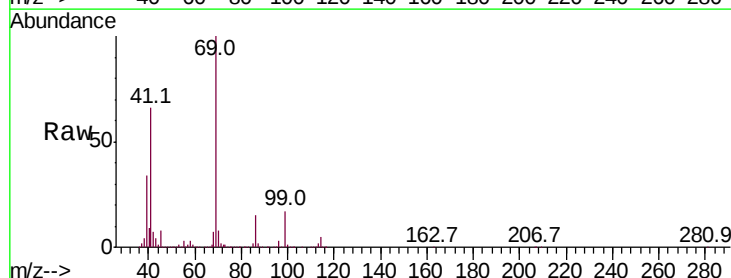
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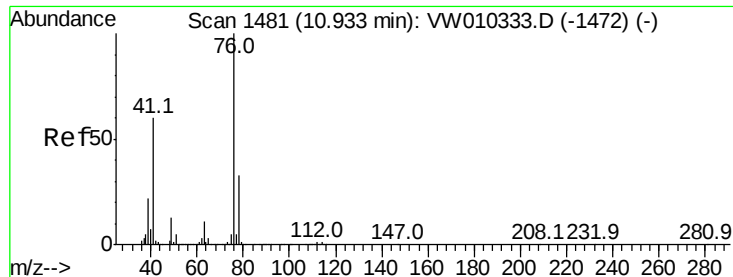
MMDadoda
 5/10/2019 10:07:23 AM



#56
 Ethyl methacrylate
 Concen: 57.099 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.2	61.0	91.6
39	31.6	33.8	50.6#





#57

1,3-Dichloropropane

Concen: 51.028 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 1032423

Ion Ratio Lower Upper

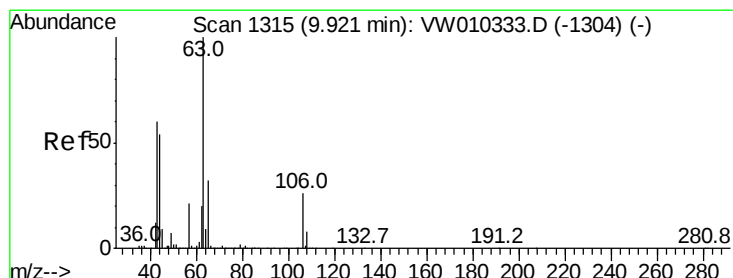
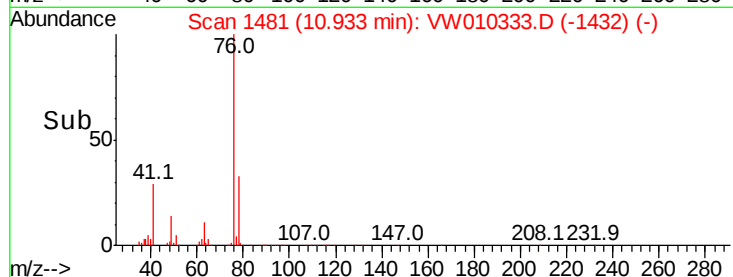
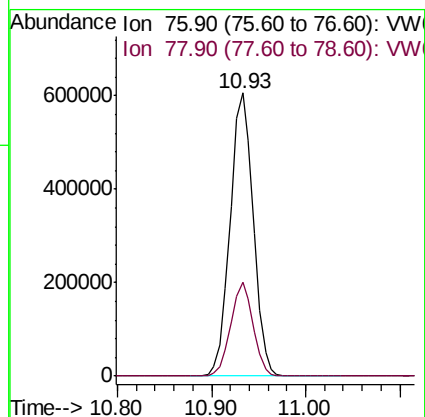
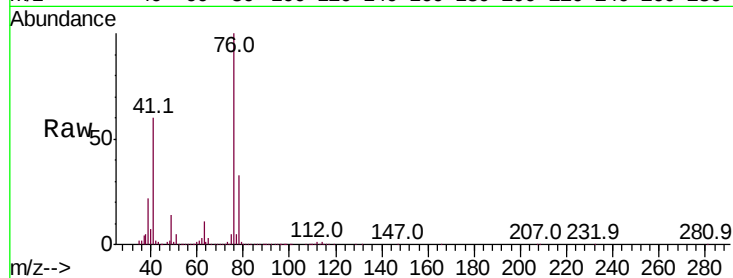
76 100

78 32.0 25.8 38.8

Manual Integrations
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MMDadoda

5/10/2019 10:07:23 AM



#58

2-Chloroethyl Vinyl ether

Concen: 282.476 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW010333.D

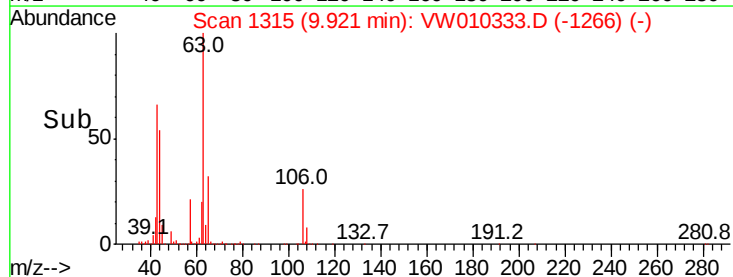
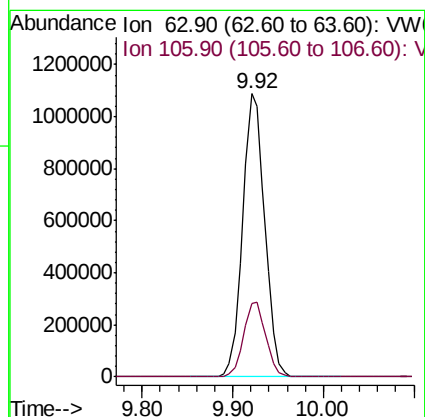
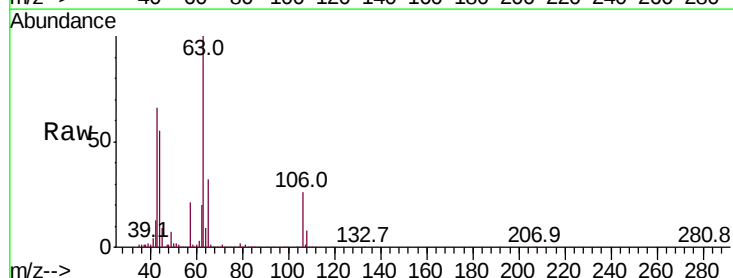
Acq: 09 May 2019 12:34

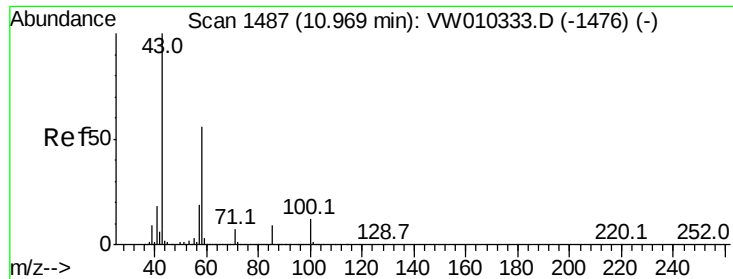
Tgt Ion: 63 Resp: 1825532

Ion Ratio Lower Upper

63 100

106 26.5 21.4 32.0





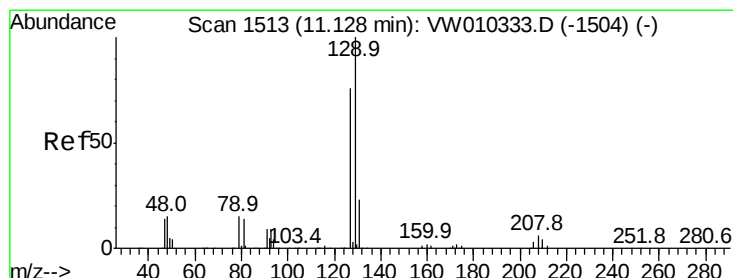
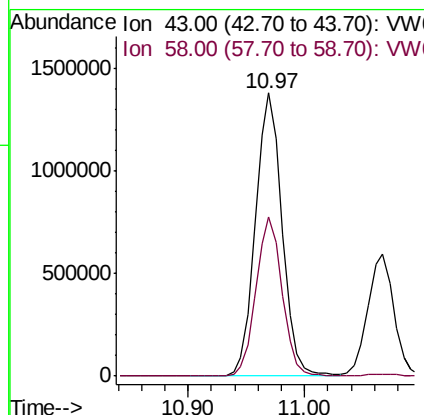
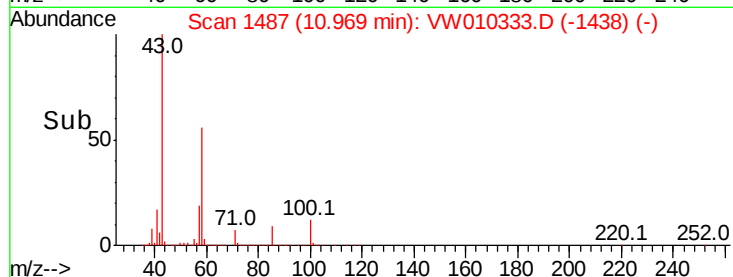
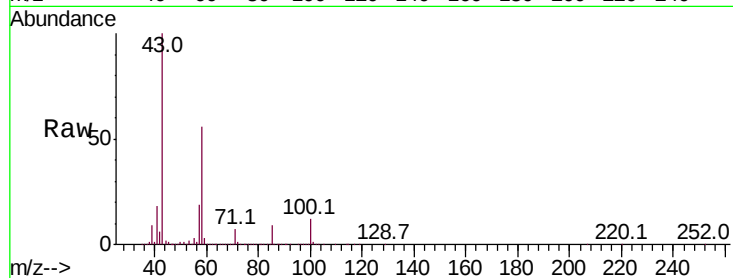
#59
2-Hexanone
Concen: 293.182 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 2209891
Ion Ratio Lower Upper
43 100
58 55.3 24.9 74.7

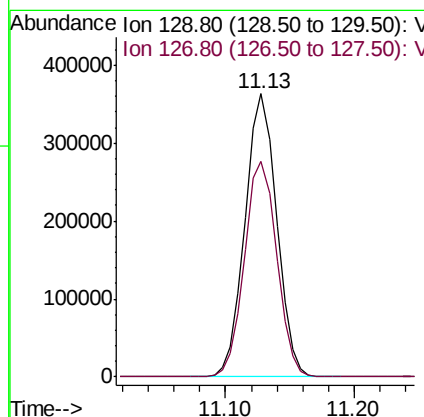
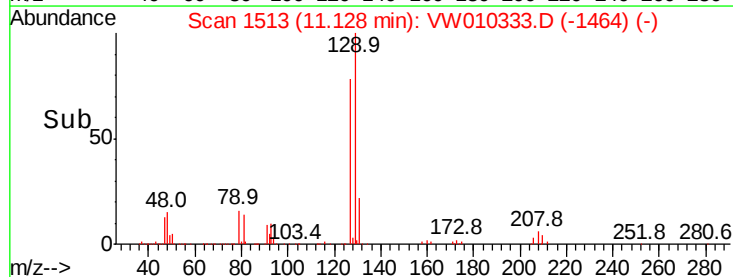
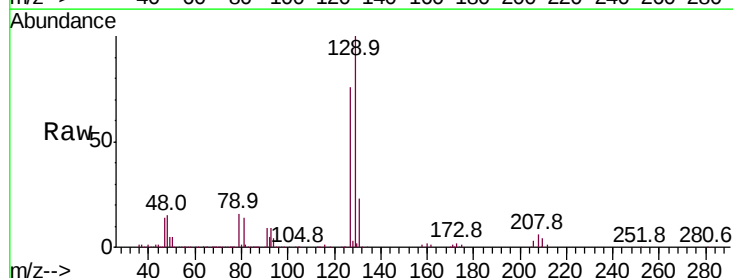
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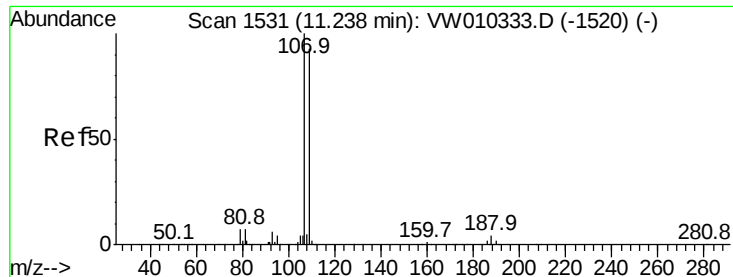
MMDadoda
5/10/2019 10:07:23 AM



#60
Dibromochloromethane
Concen: 47.363 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion: 129 Resp: 617938
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.316 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:107 Resp: 551047

Ion Ratio Lower Upper

107 100

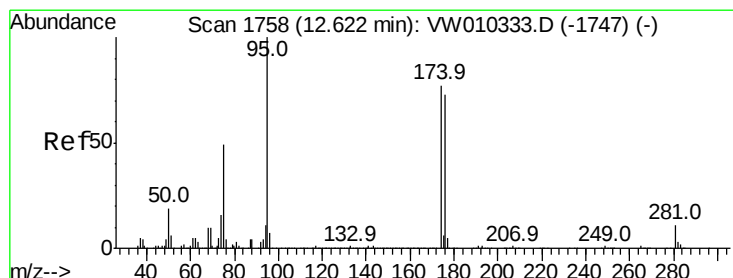
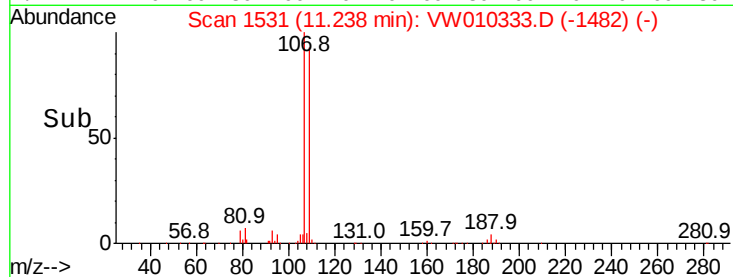
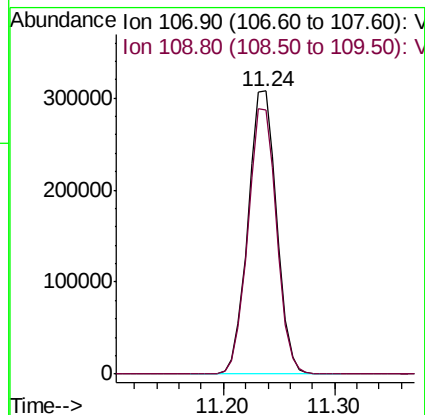
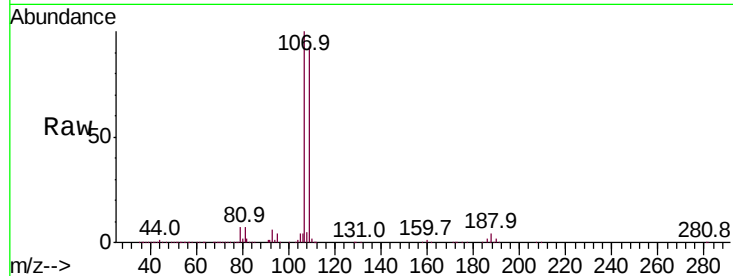
109 93.8 73.6 110.4

Manual Integrations

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5/10/2019 10:07:23 AM



#62

4-Bromofluorobenzene

Concen: 50.342 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

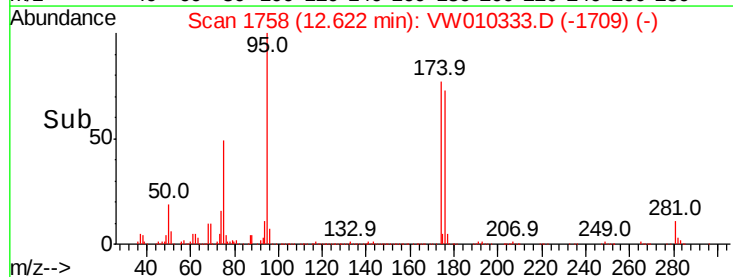
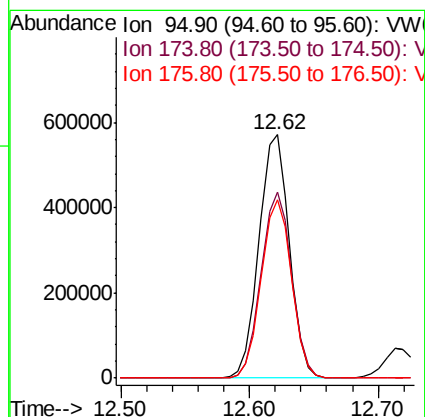
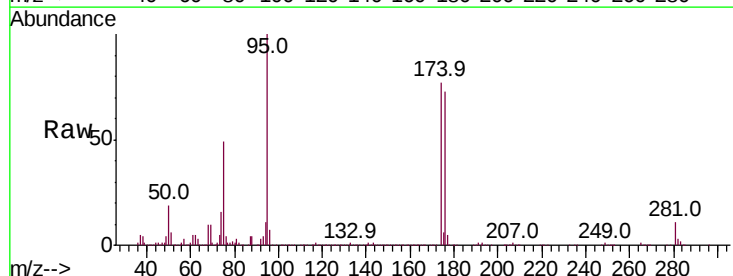
Tgt Ion: 95 Resp: 926603

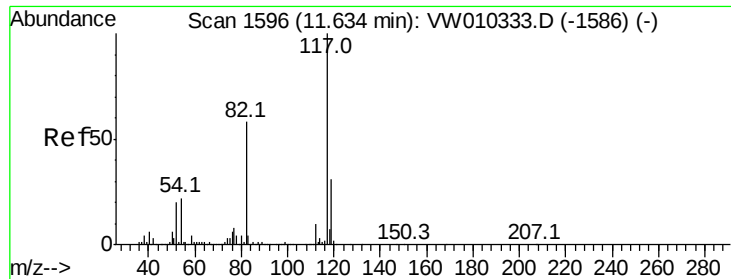
Ion Ratio Lower Upper

95 100

174 77.0 0.0 151.4

176 73.8 0.0 146.2





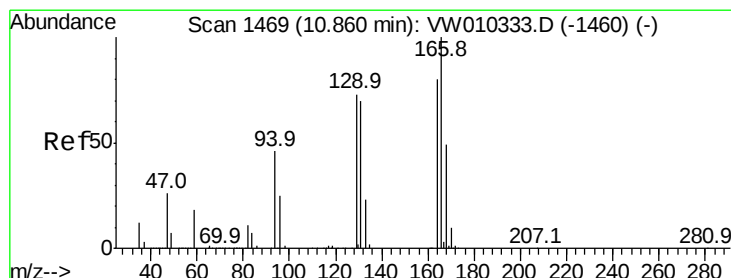
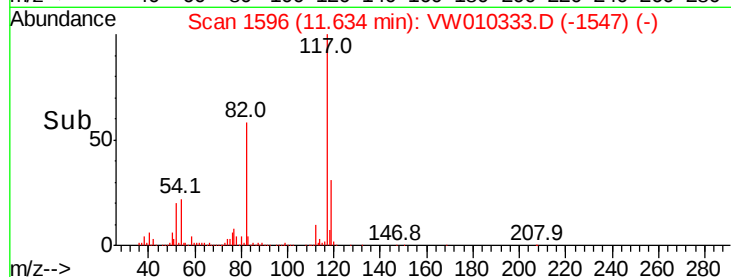
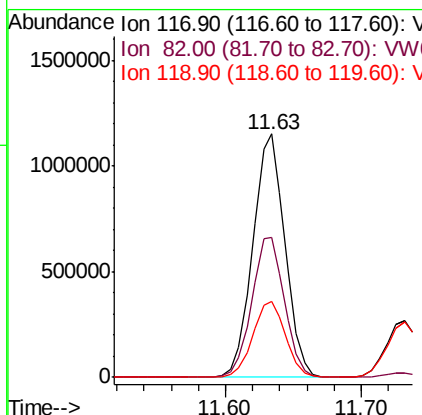
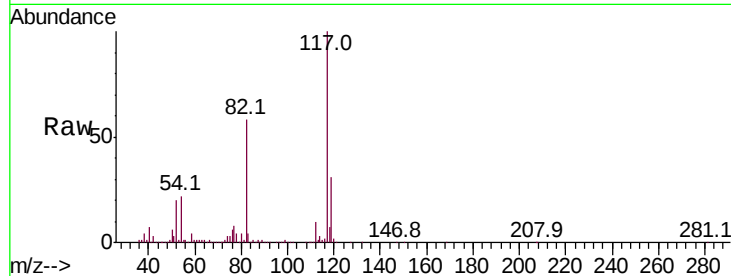
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	45.2	67.8
119	31.4	25.4	38.2

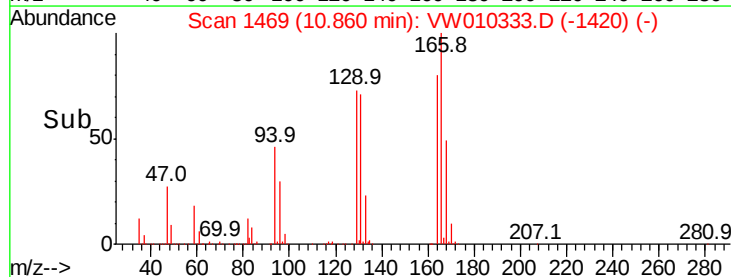
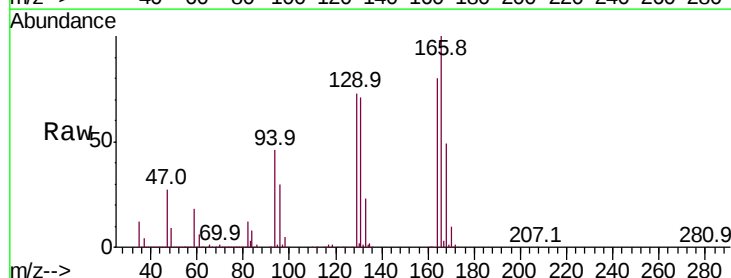
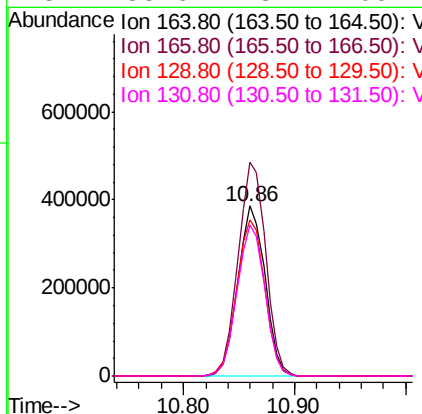
Manual Integrations
APPROVED

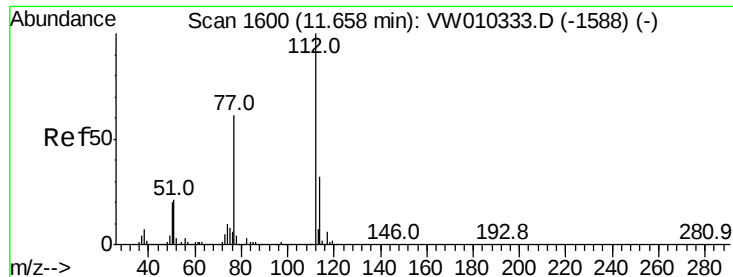
MMDadoda
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#64
Tetrachloroethene
Concen: 52.833 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	101.2	151.8
129	91.6	77.8	116.6
131	88.6	73.1	109.7





#65

Chlorobenzene

Concen: 49.661 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 1937195

Ion Ratio Lower Upper

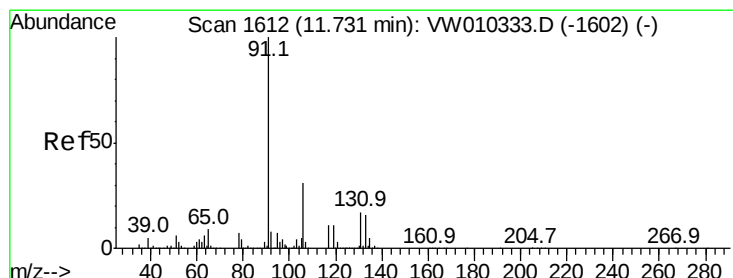
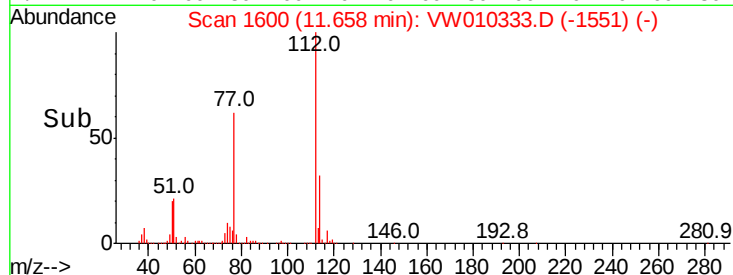
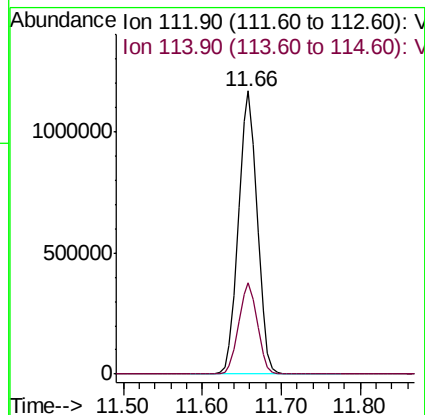
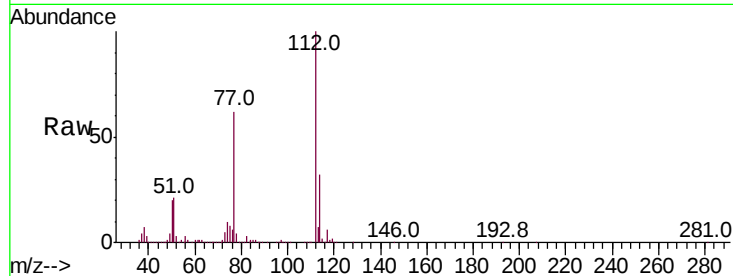
112 100

114 32.3 26.5 39.7

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 47.192 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

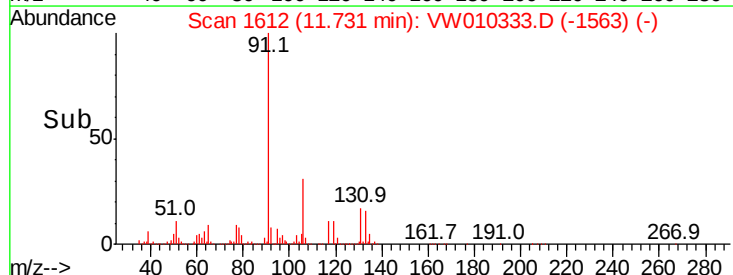
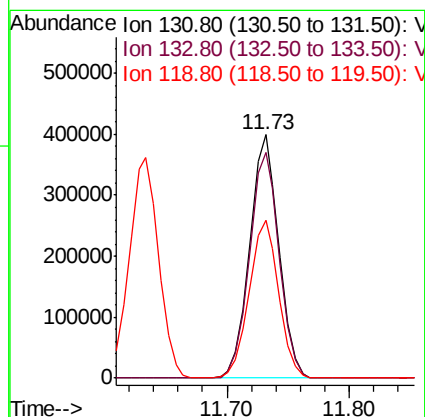
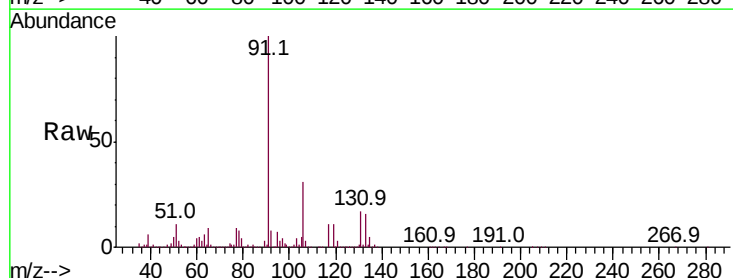
Tgt Ion:131 Resp: 658317

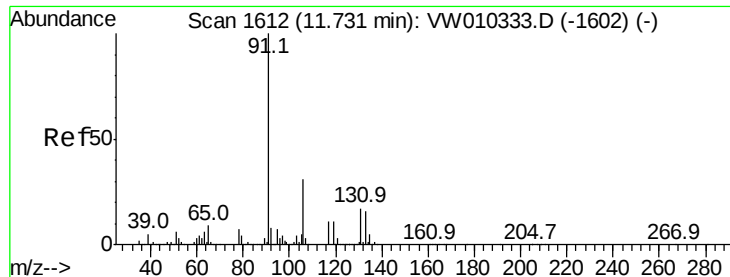
Ion Ratio Lower Upper

131 100

133 94.8 46.5 139.5

119 66.0 31.9 95.5





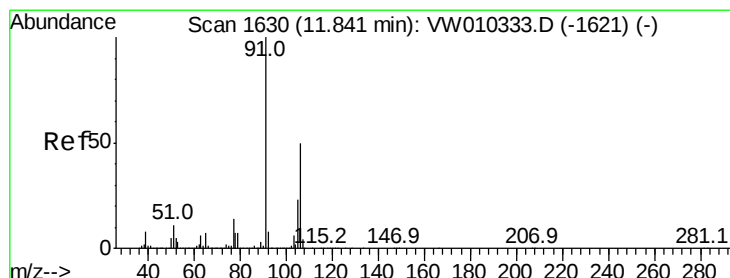
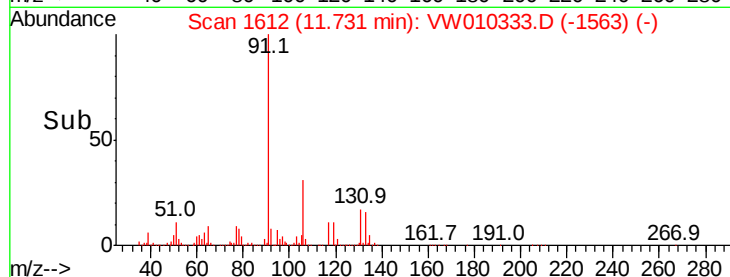
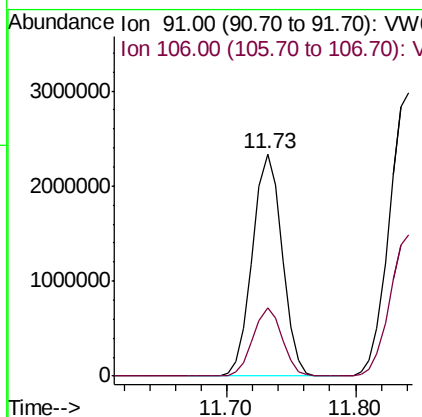
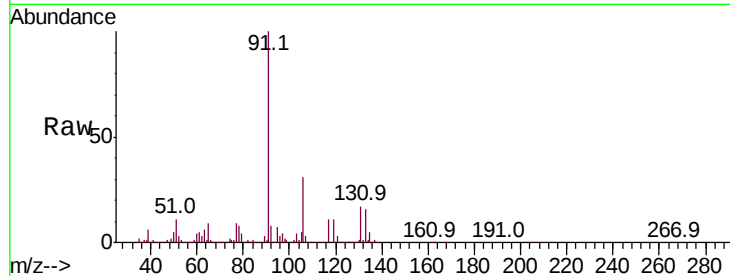
#67
Ethyl Benzene
Concen: 53.301 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 3709606
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.8

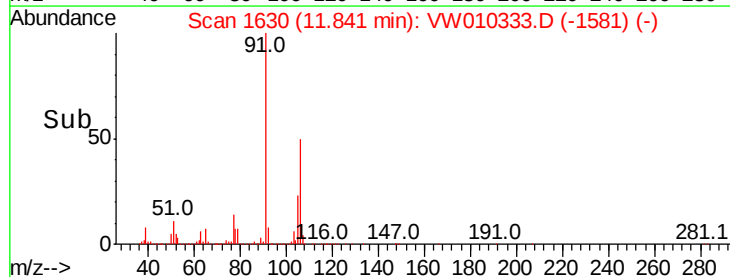
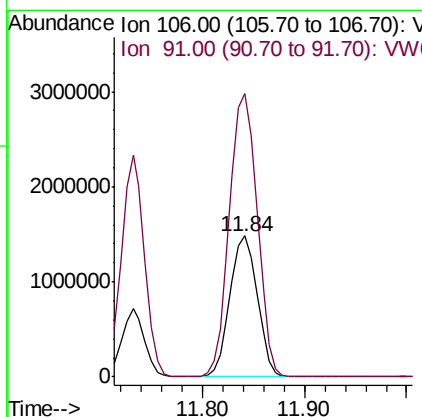
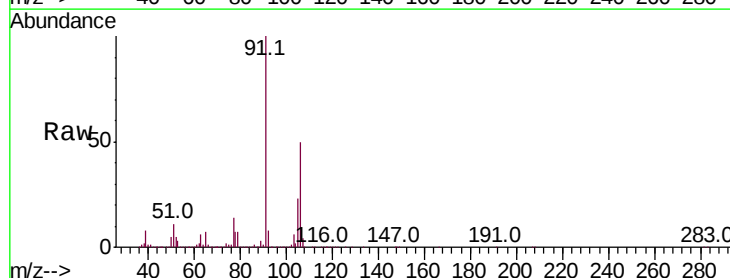
Manual Integrations
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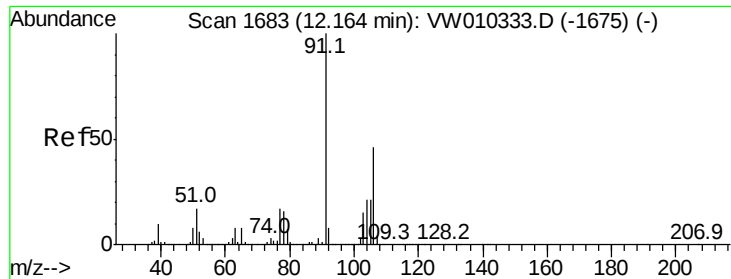
MMDadoda
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#68
m/p-Xylenes
Concen: 106.359 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion:106 Resp: 2767026
Ion Ratio Lower Upper
106 100
91 203.6 165.0 247.6





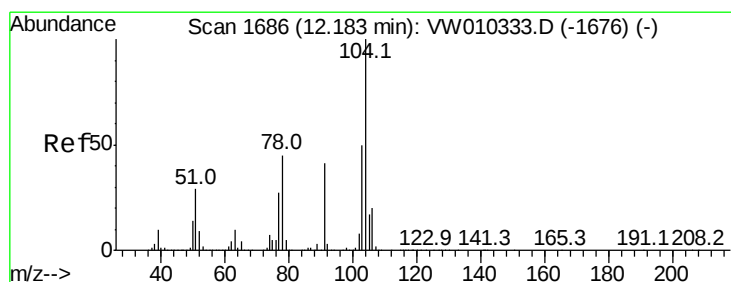
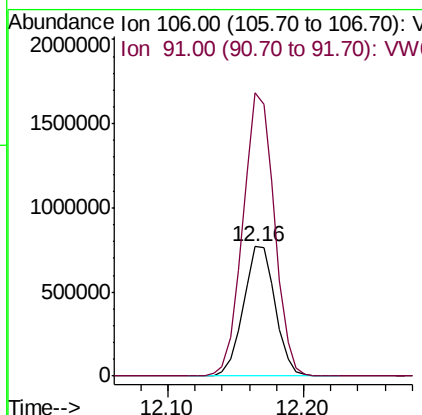
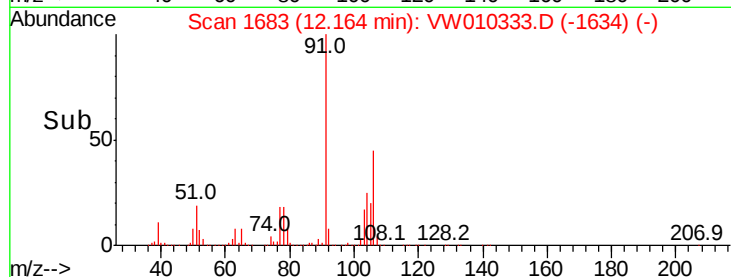
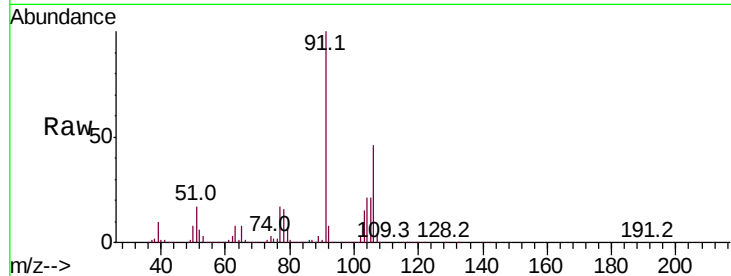
#69
o-Xylene
Concen: 53.208 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 1260419
Ion Ratio Lower Upper
106 100
91 216.3 110.5 331.4

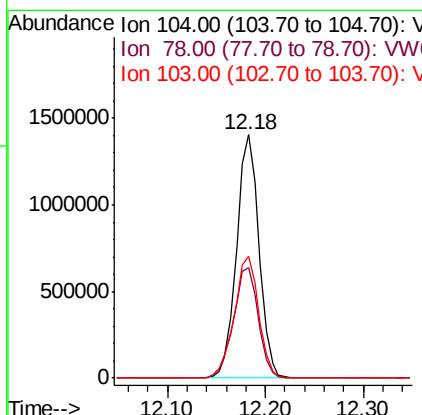
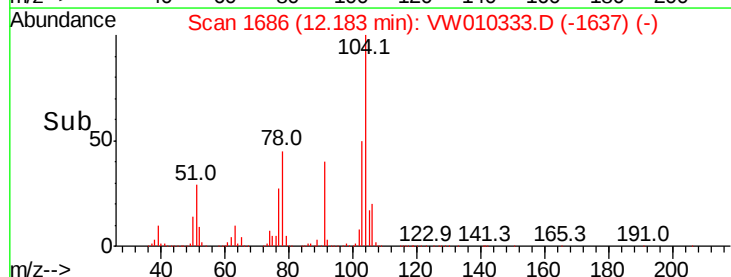
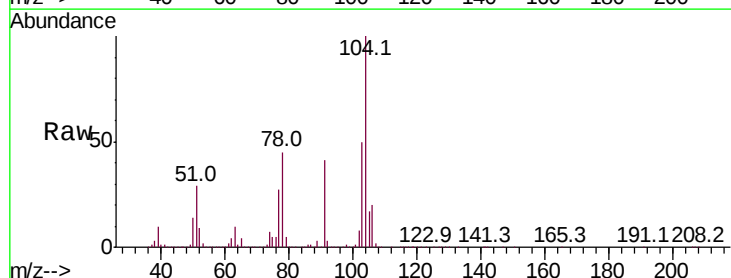
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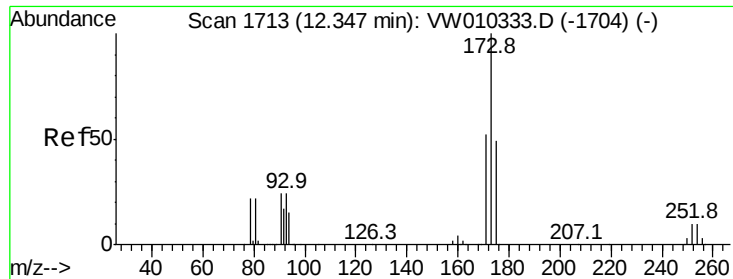
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#70
Styrene
Concen: 54.598 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion:104 Resp: 2229966
Ion Ratio Lower Upper
104 100
78 50.4 42.5 63.7
103 54.2 43.6 65.4





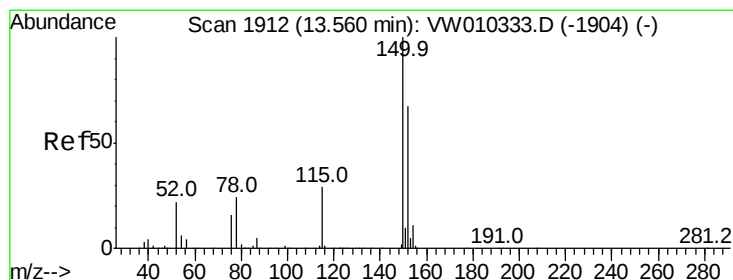
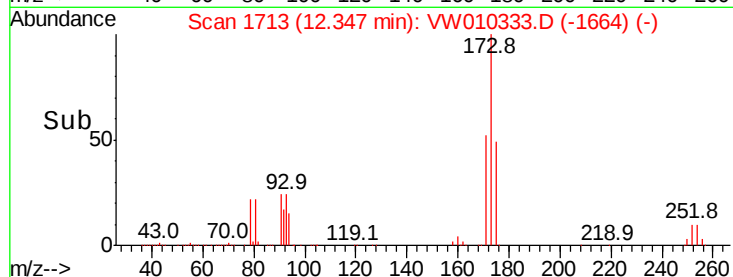
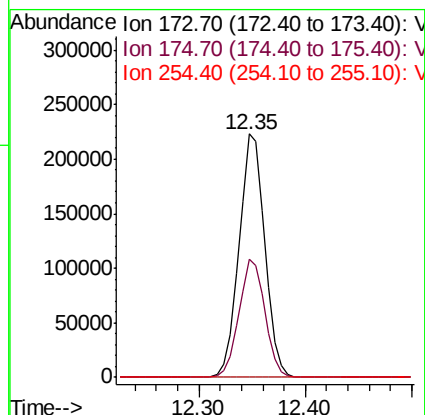
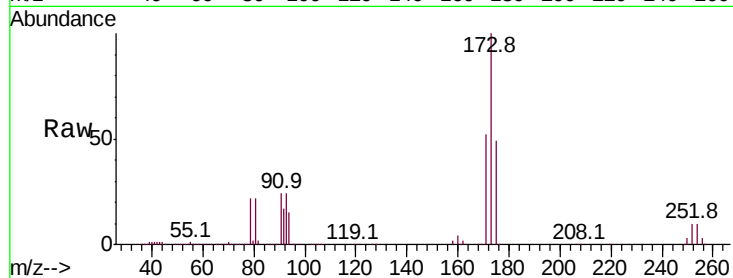
#71
Bromoform
Concen: 51.258 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.8	71.4
254	0.0	0.1	0.1#

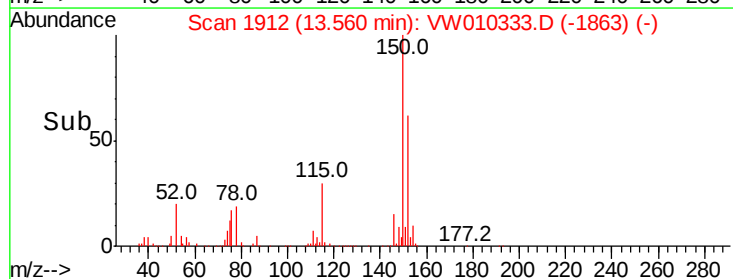
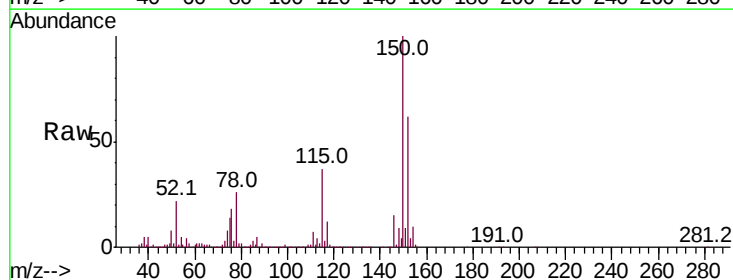
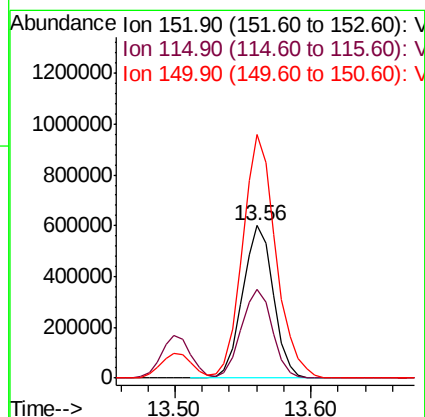
Manual Integrations
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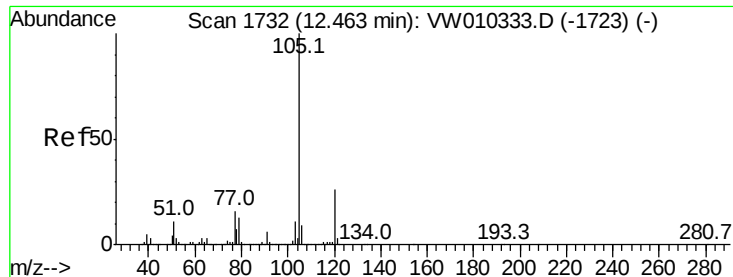
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	30.4	91.2
150	172.8	0.0	347.0





#73

Isopropylbenzene

Concen: 54.240 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 3565751

Ion Ratio Lower Upper

105 100

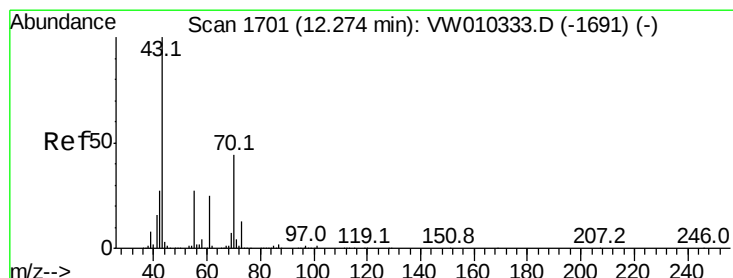
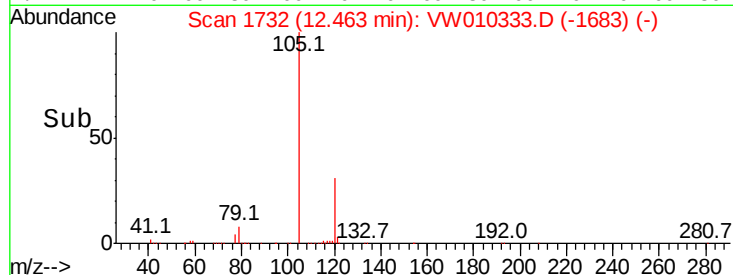
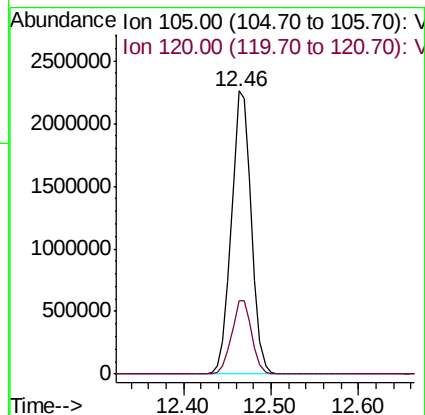
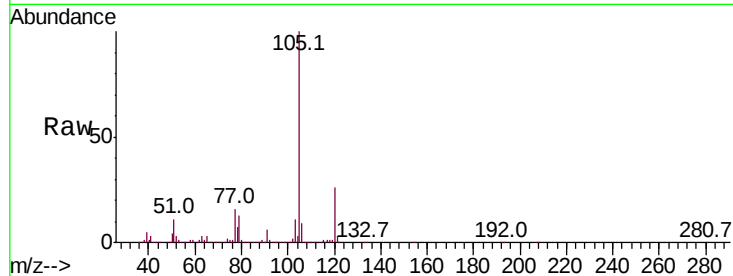
120 26.3 13.1 39.1

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#74

N-ethyl acetate

Concen: 50.818 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Tgt Ion: 43 Resp: 925160

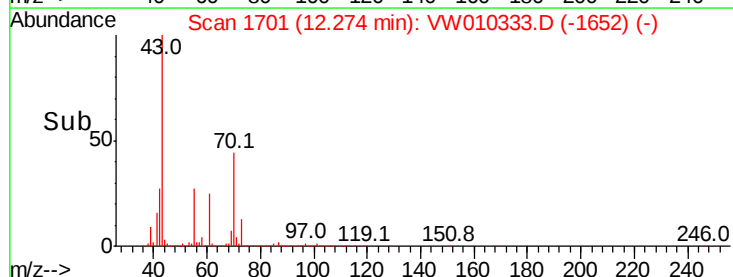
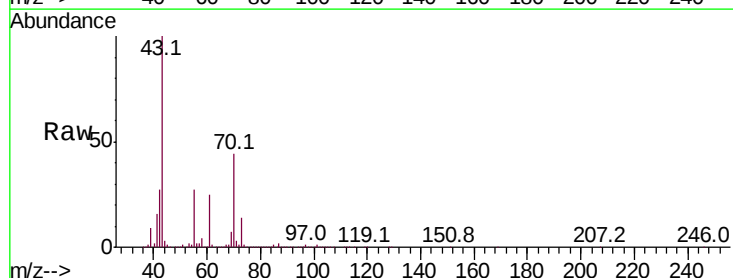
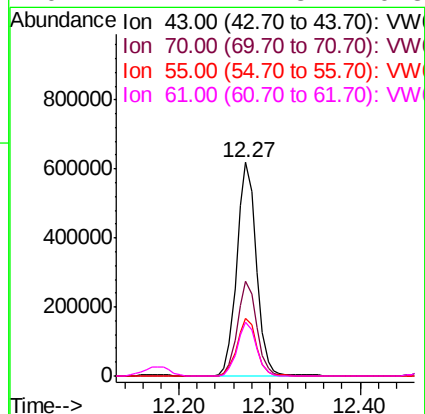
Ion Ratio Lower Upper

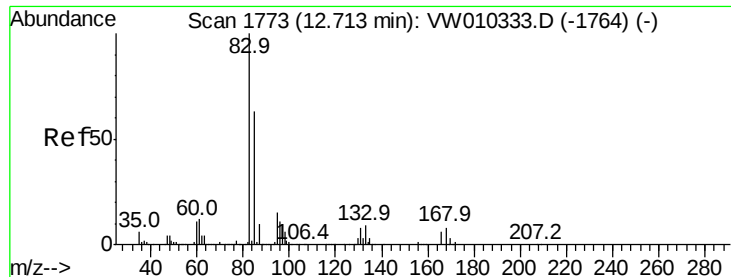
43 100

70 44.1 31.3 46.9

55 26.9 20.0 30.0

61 24.7 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 57.523 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

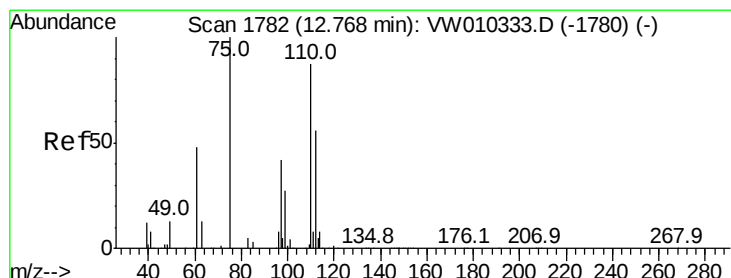
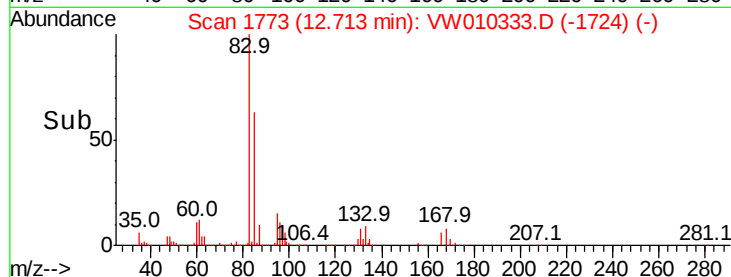
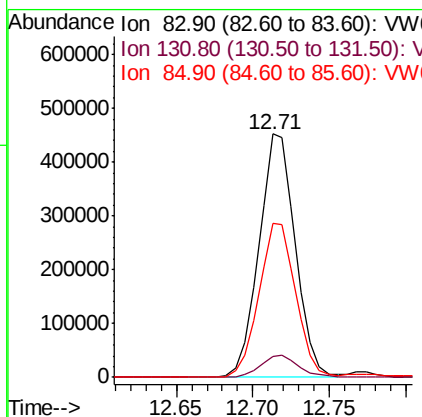
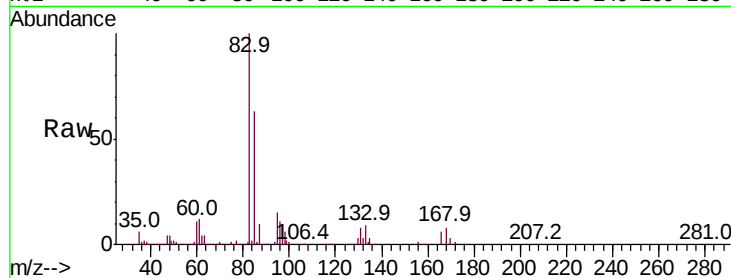
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	747110
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.3	15.8
85	64.0	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 57.590 ug/l m

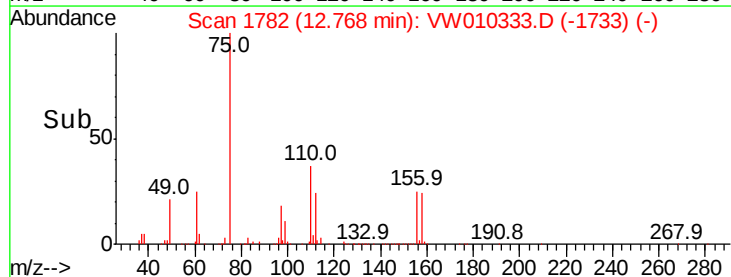
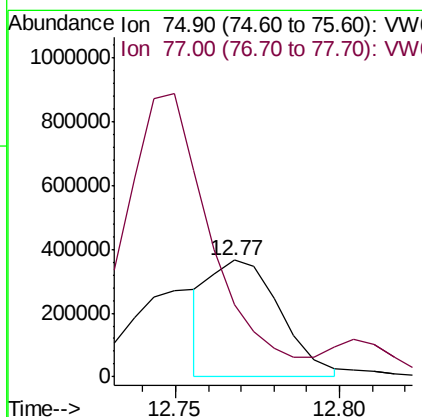
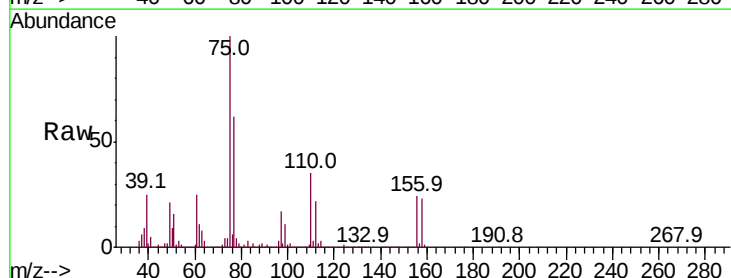
RT: 12.77 min Scan# 1782

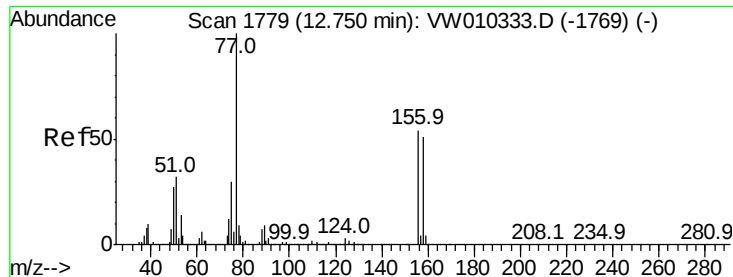
Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Tgt Ion:	75	Resp:	544437
Ion Ratio	Lower	Upper	
75	100		
77	298.7	0.0	0.0#





#77

Bromobenzene

Concen: 50.840 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion:156 Resp: 768668

Ion Ratio Lower Upper

156 100

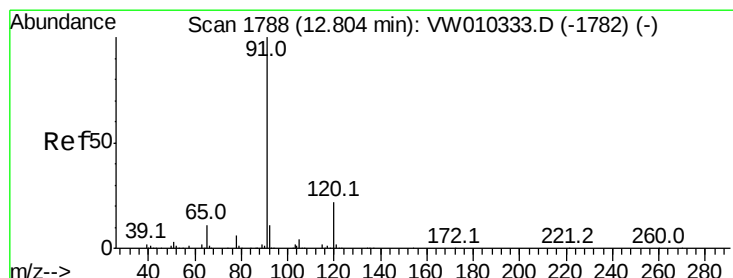
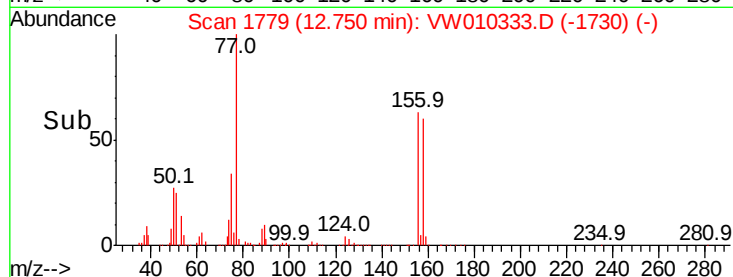
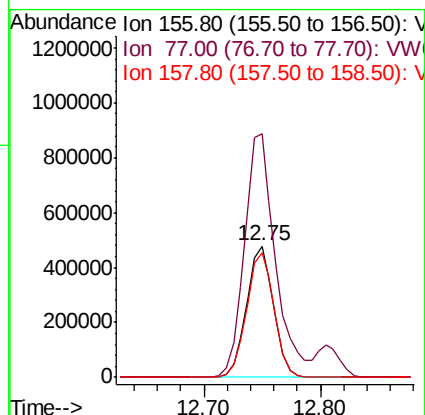
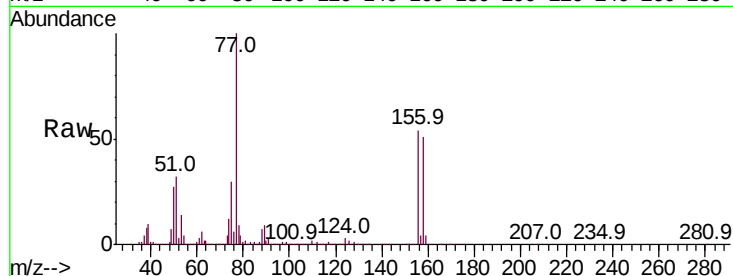
77 211.6 102.5 307.4

158 96.6 48.8 146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 54.066 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010333.D

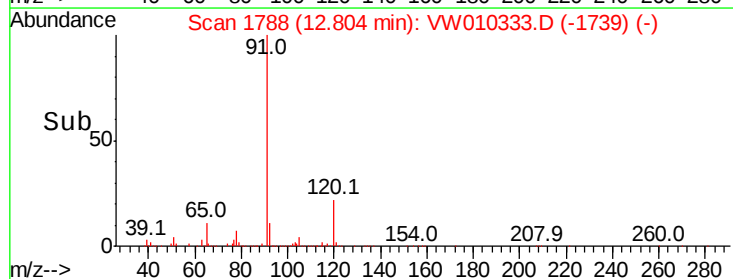
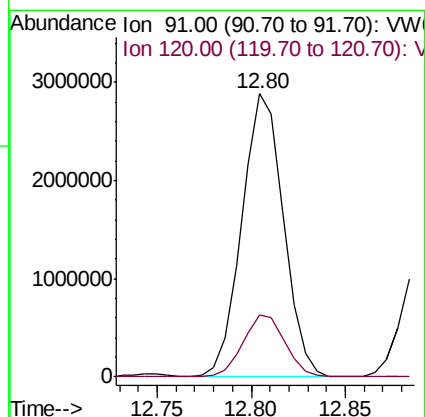
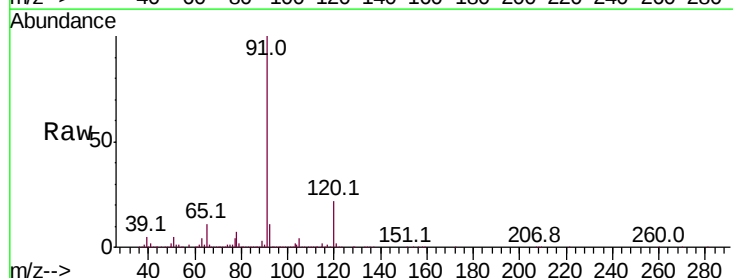
Acq: 09 May 2019 12:34

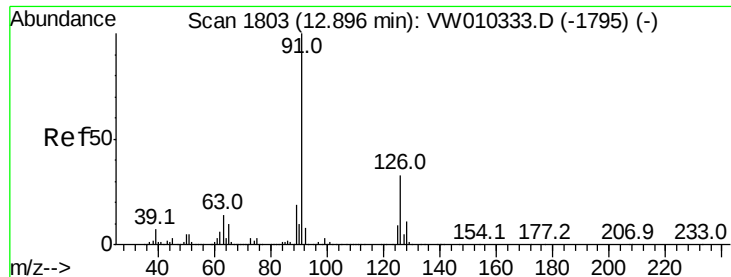
Tgt Ion: 91 Resp: 4405116

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.1





#79

2-Chlorotoluene

Concen: 51.762 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 2425526

Ion Ratio Lower Upper

91 100

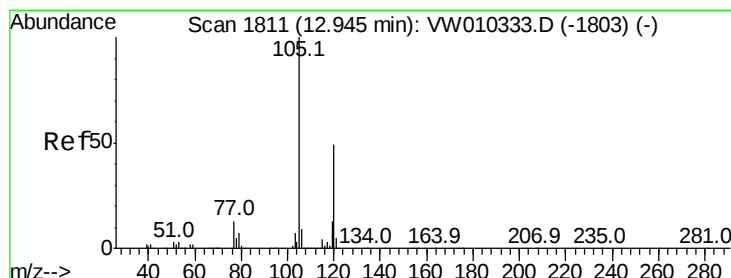
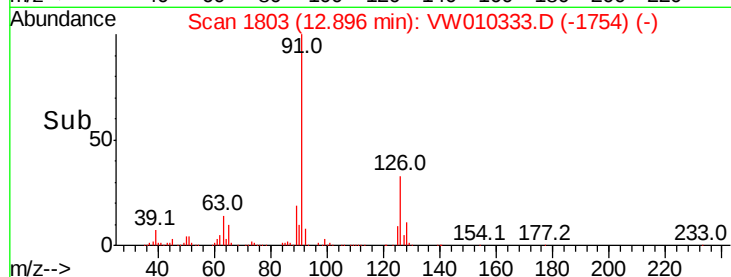
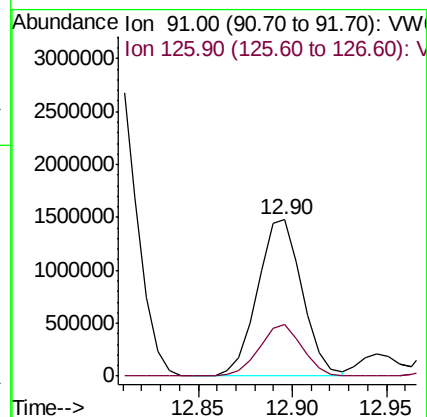
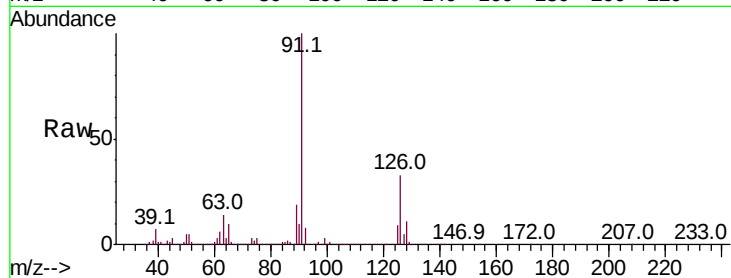
126 32.1 16.3 48.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 53.843 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010333.D

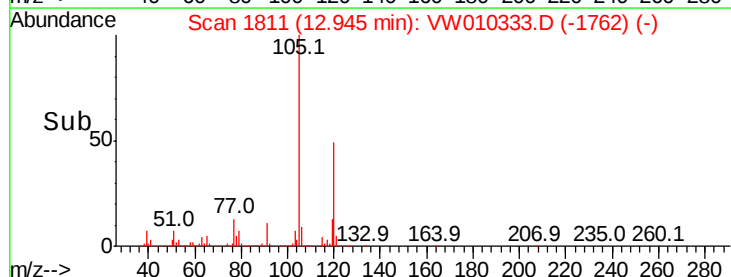
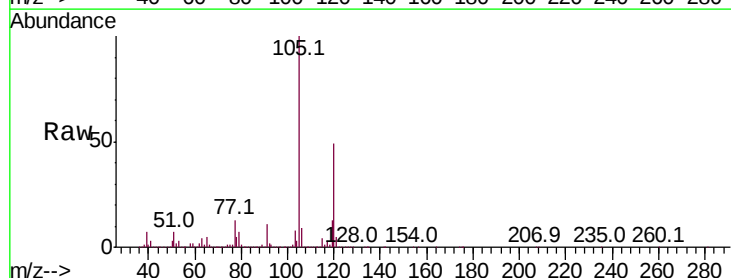
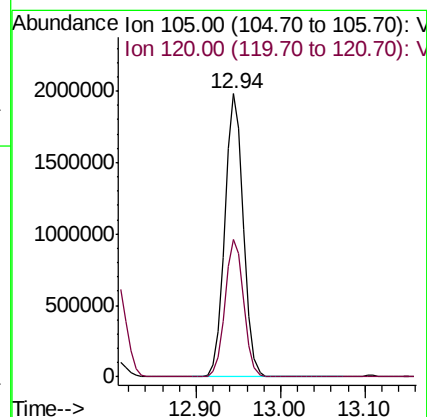
Acq: 09 May 2019 12:34

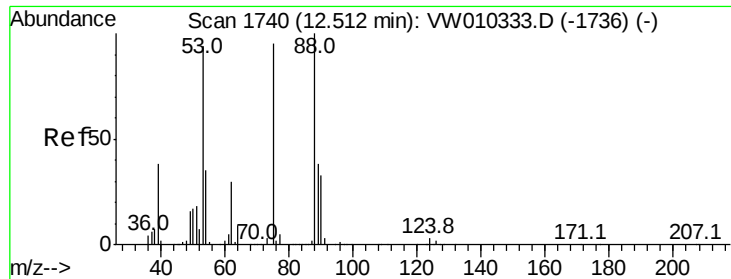
Tgt Ion:105 Resp: 3001191

Ion Ratio Lower Upper

105 100

120 49.1 24.3 72.8





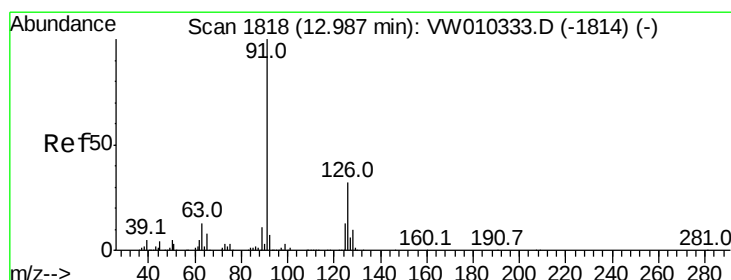
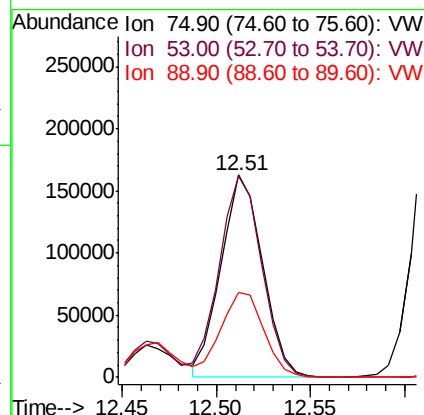
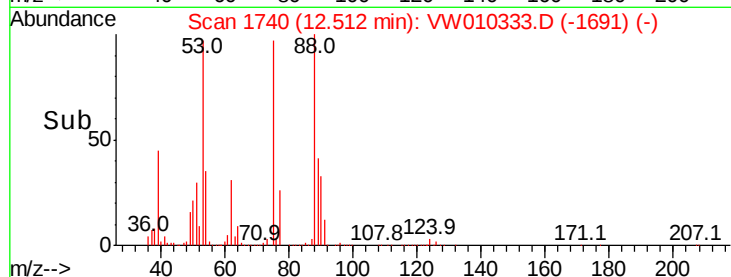
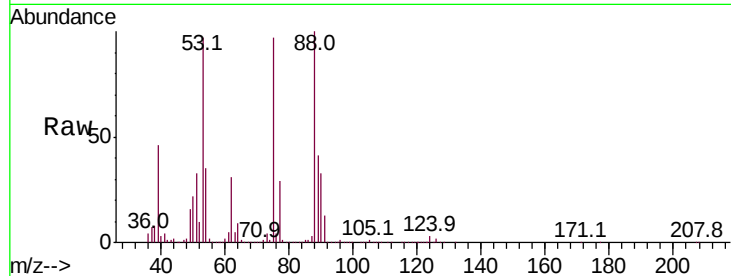
#81
trans-1,4-Dichloro-2-butene
Concen: 61.822 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.4	89.8	134.8
89	44.1	36.6	54.8

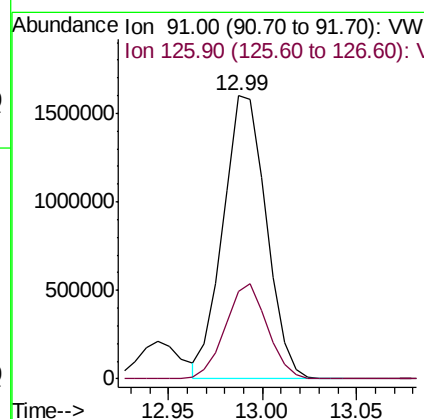
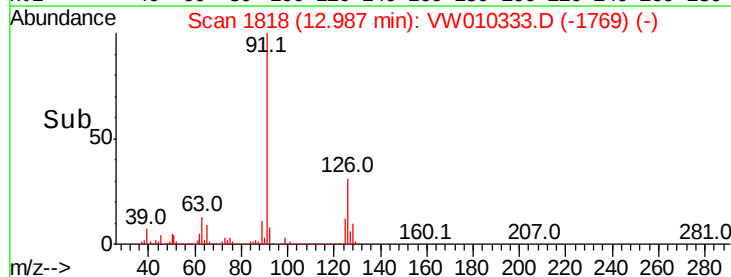
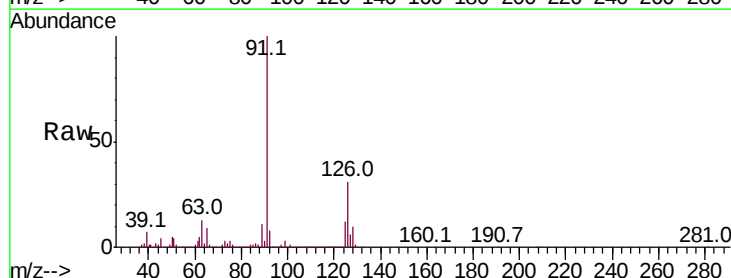
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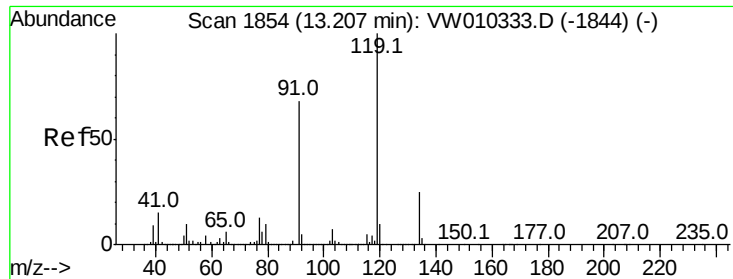
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#82
4-Chlorotoluene
Concen: 51.624 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.4	49.1





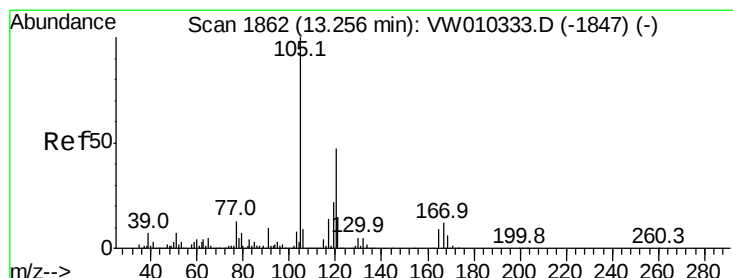
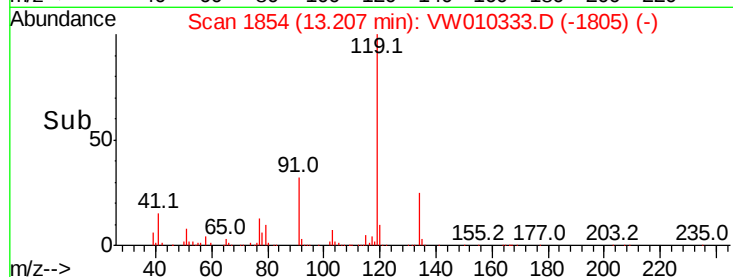
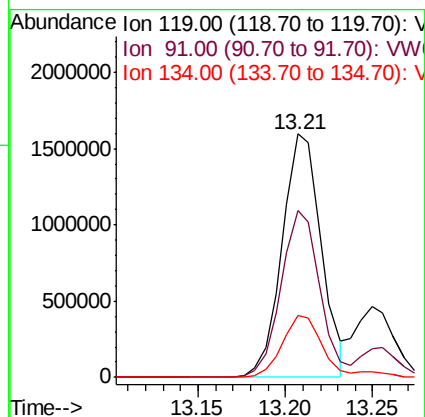
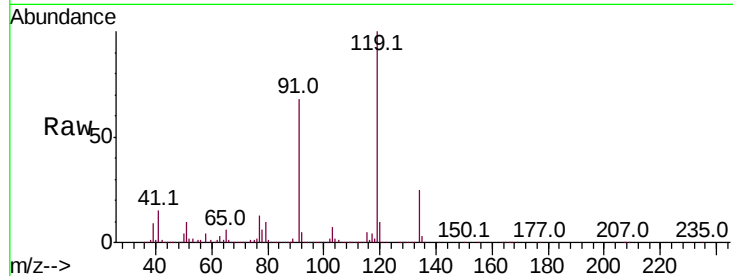
#83
tert-Butylbenzene
Concen: 54.098 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:119 Resp: 2497109
Ion Ratio Lower Upper
119 100
91 68.3 34.8 104.4
134 27.4 13.7 41.1

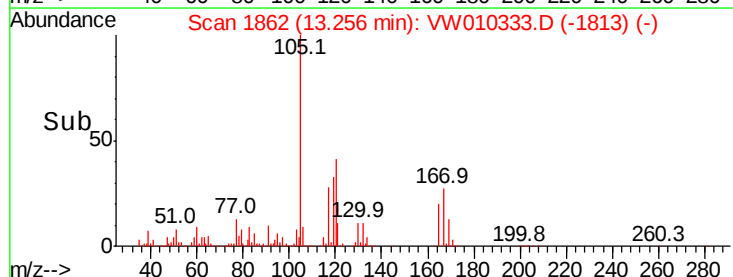
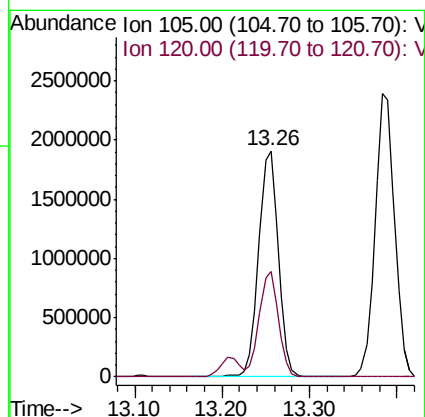
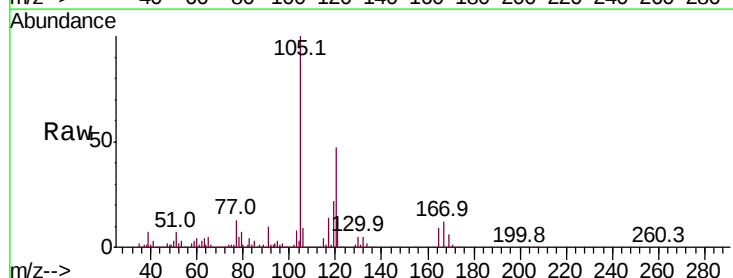
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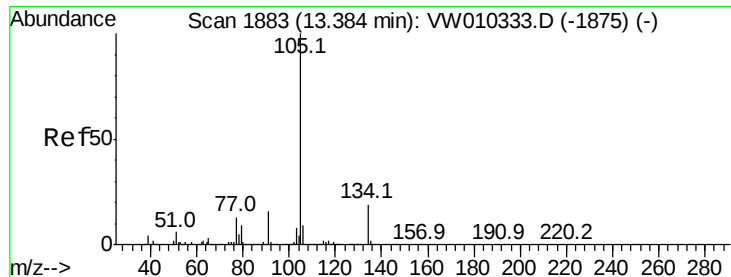
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#84
1,2,4-Trimethylbenzene
Concen: 52.588 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion:105 Resp: 2971899
Ion Ratio Lower Upper
105 100
120 45.7 22.6 67.7





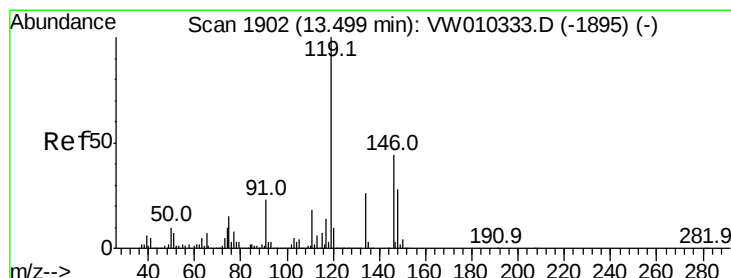
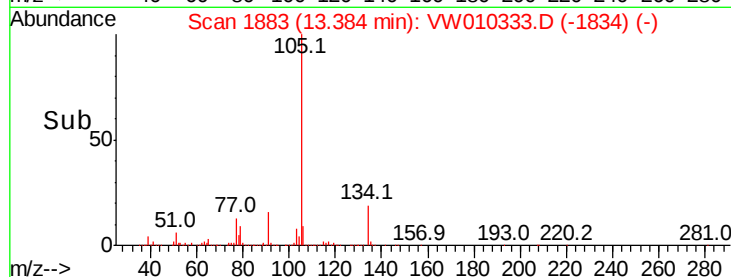
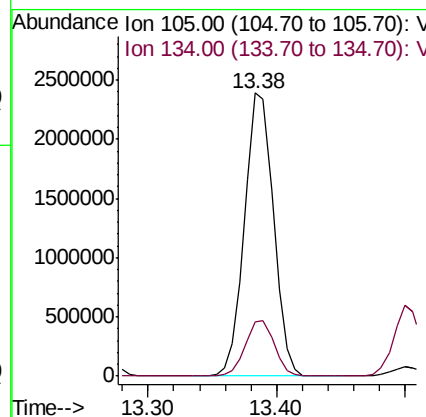
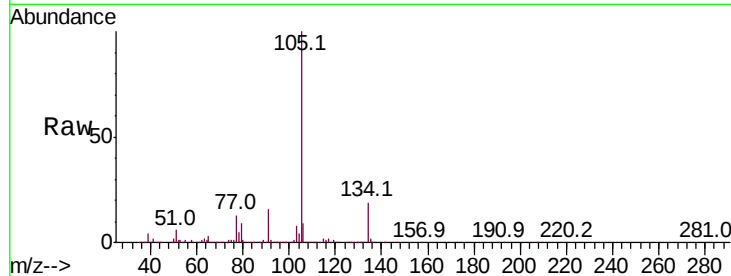
#85
 sec-Butylbenzene
 Concen: 53.733 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:105 Resp: 3706499
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

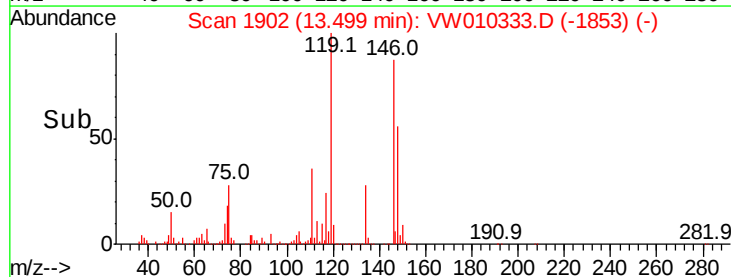
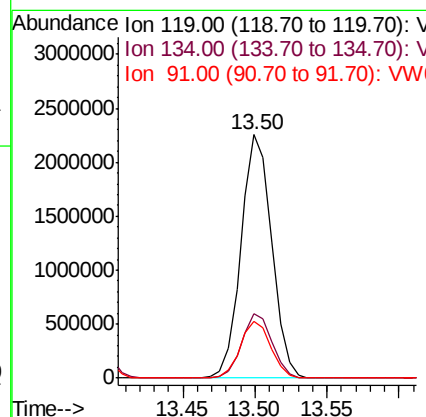
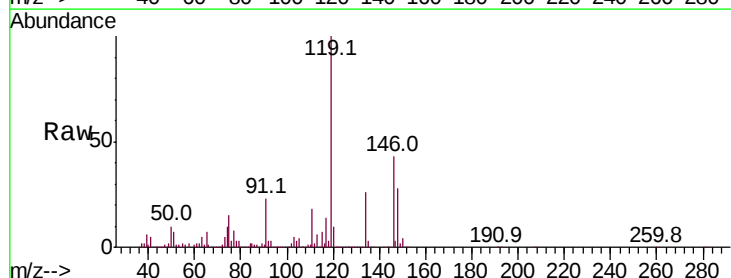
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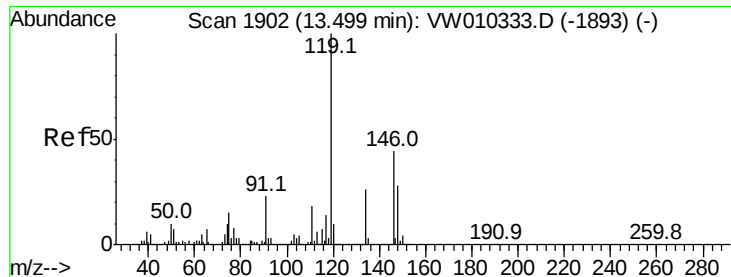
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#86
 p-Isopropyltoluene
 Concen: 54.798 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Tgt Ion:119 Resp: 3331616
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 23.3 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 50.442 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010333.D

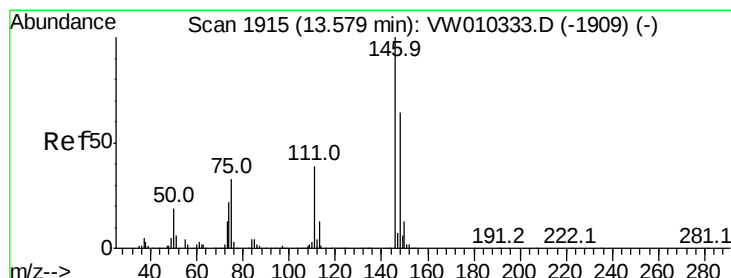
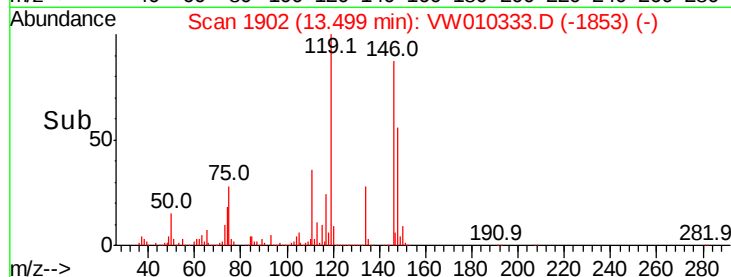
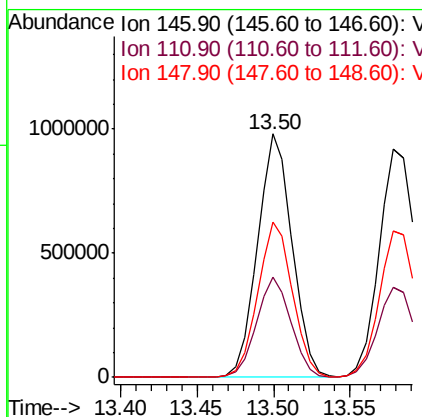
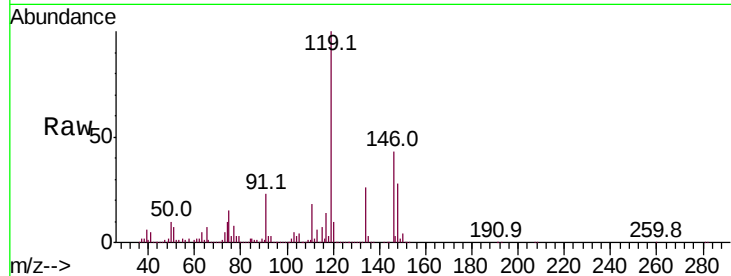
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	61.0
148	64.0	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 49.561 ug/l

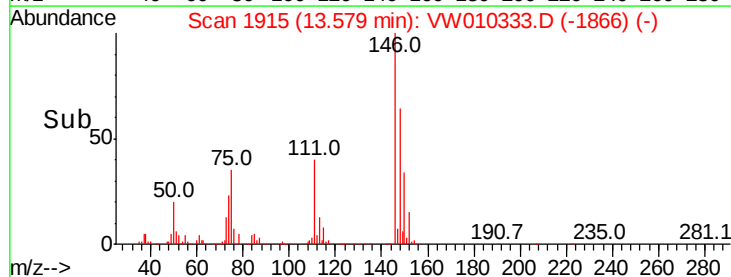
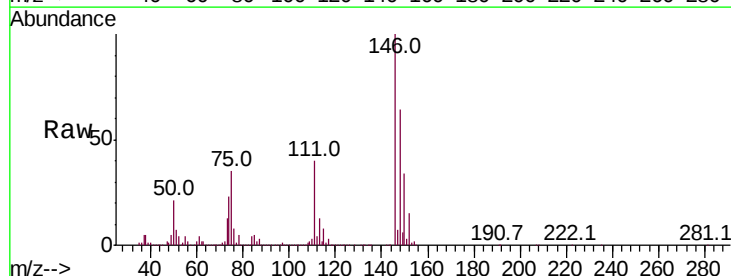
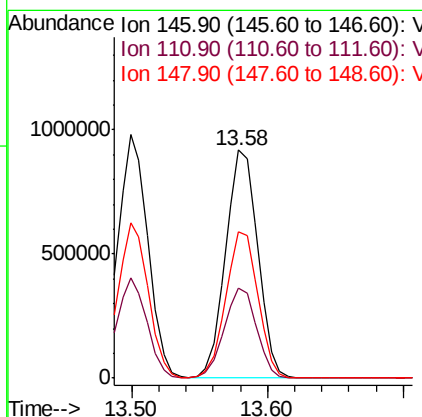
RT: 13.58 min Scan# 1915

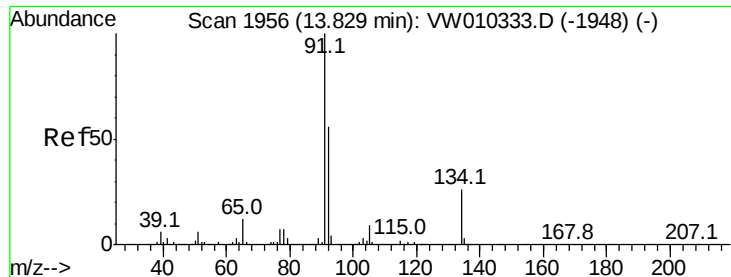
Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.1	60.3
148	64.1	31.8	95.3





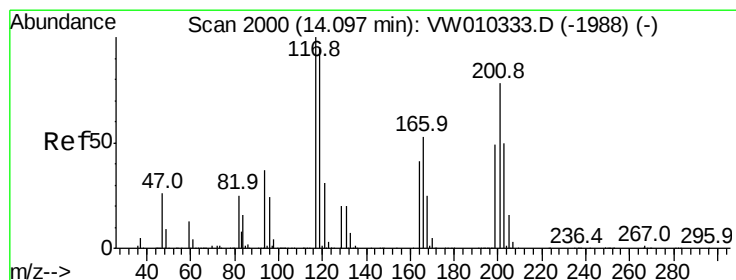
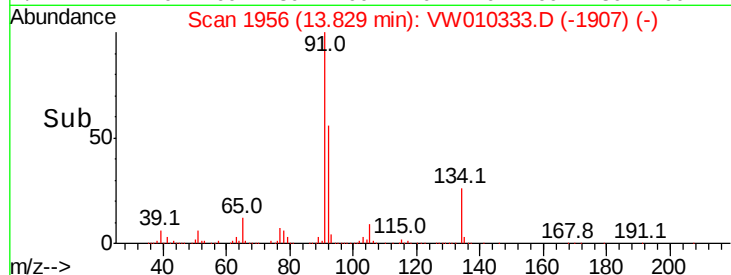
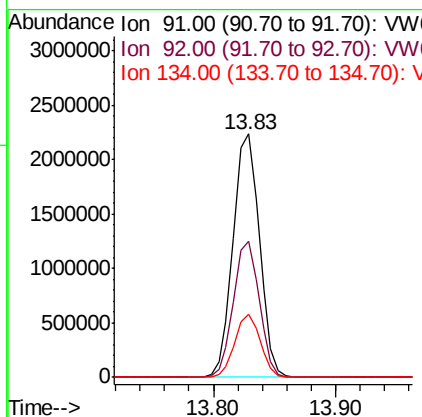
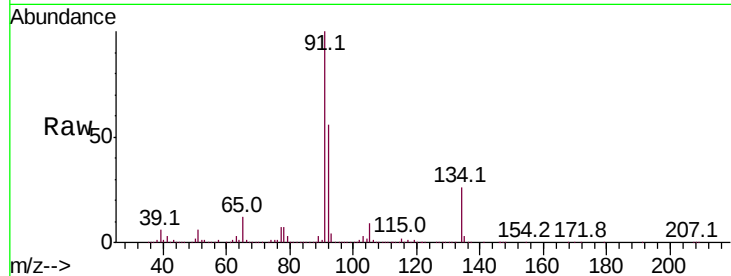
#89
n-Butylbenzene
Concen: 55.211 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 3325639
Ion Ratio Lower Upper
91 100
92 54.9 26.5 79.4
134 25.2 12.4 37.0

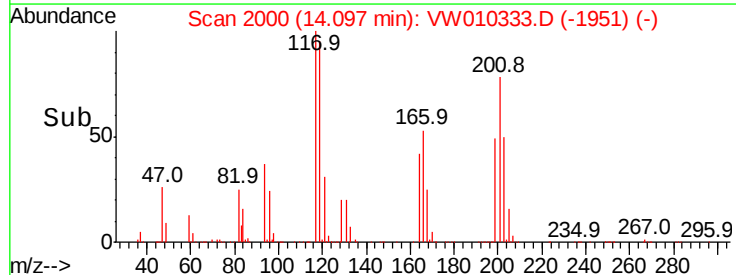
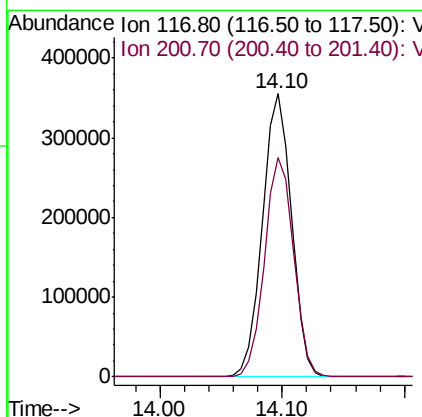
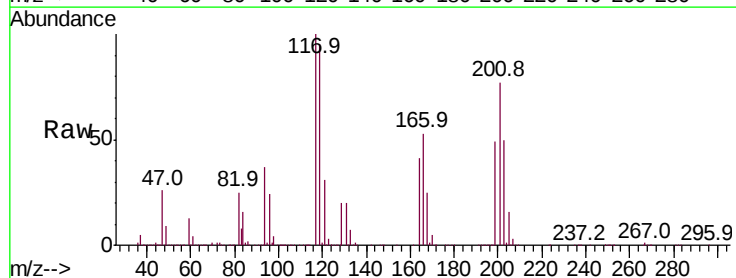
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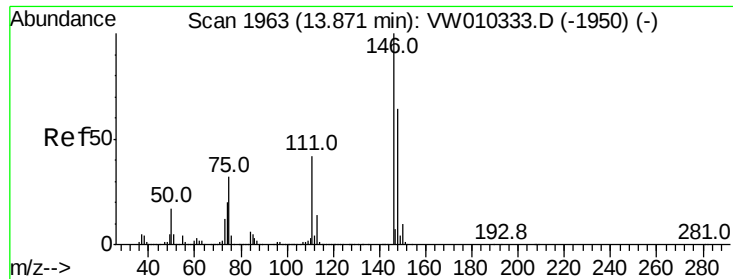
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#90
Hexachloroethane
Concen: 50.441 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion: 117 Resp: 587375
Ion Ratio Lower Upper
117 100
201 77.6 36.1 108.3





#91

1,2-Dichlorobenzene

Concen: 49.553 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:146 Resp: 1357934

Ion Ratio Lower Upper

146 100

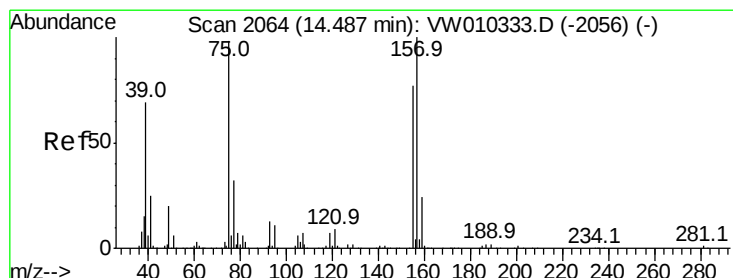
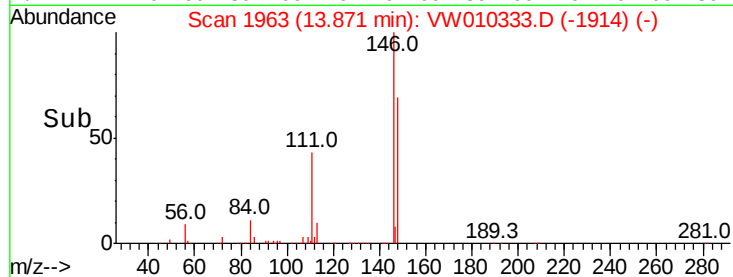
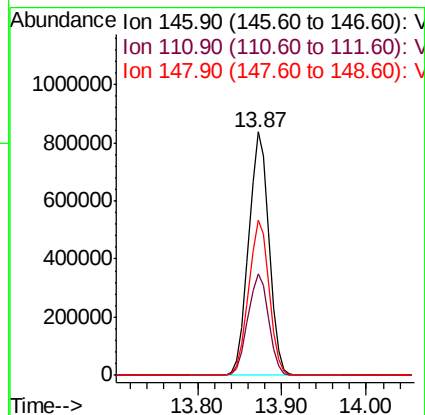
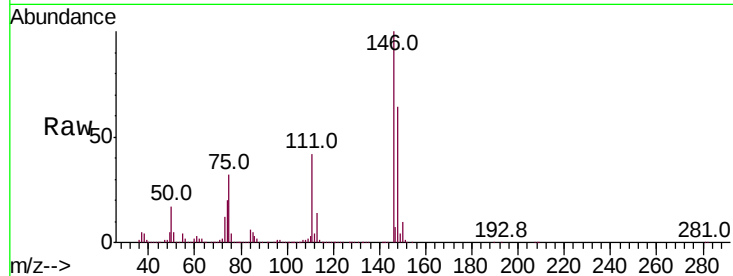
111 42.3 20.9 62.8

148 64.1 31.9 95.7

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 57.660 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW010333.D

Acq: 09 May 2019 12:34

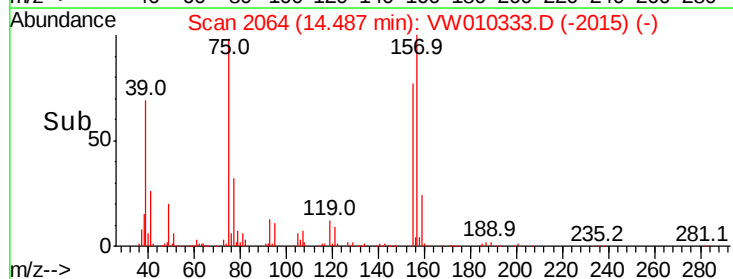
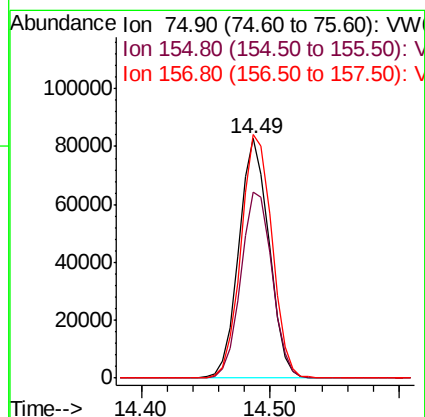
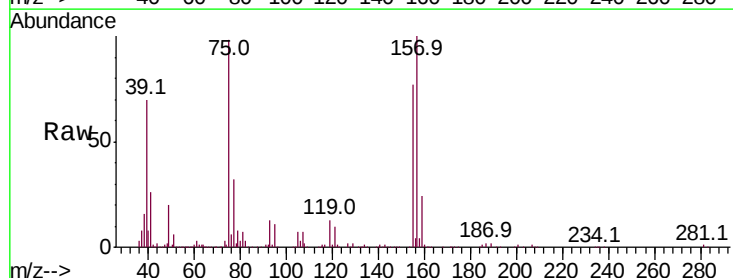
Tgt Ion: 75 Resp: 134019

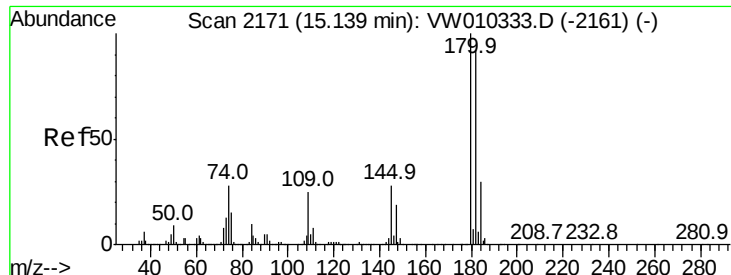
Ion Ratio Lower Upper

75 100

155 79.8 37.1 111.5

157 104.0 47.3 141.9





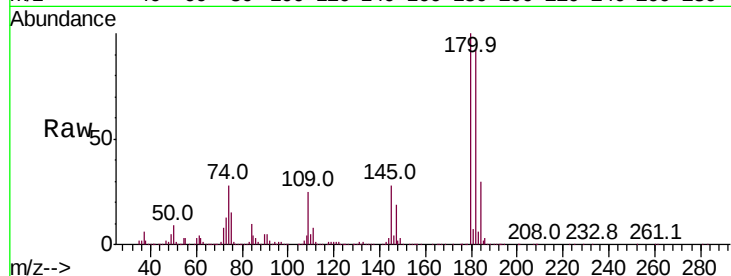
#93
 1,2,4-Trichlorobenzene
 Concen: 53.664 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

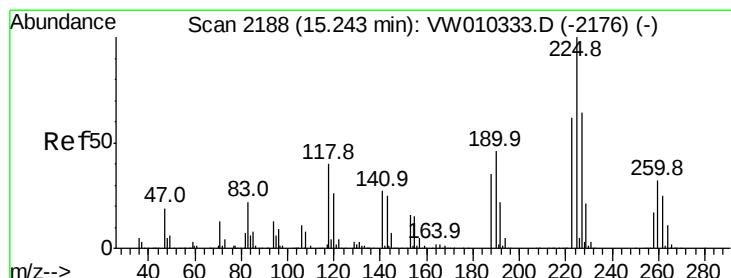
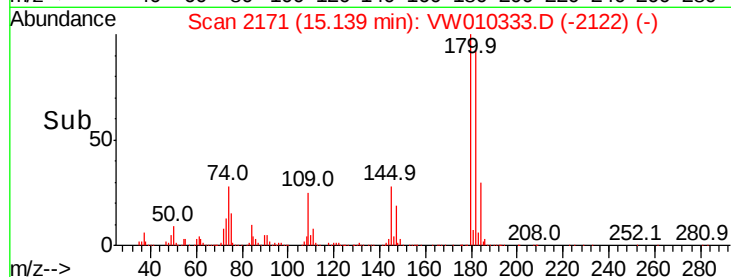
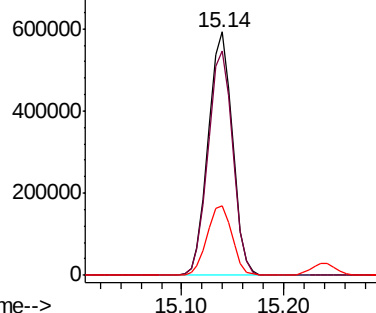
Tot Ion:	180	Resp:	970185
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.1	141.4
145	29.4	15.2	45.6

Manual Integrations
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MMDadoda
 5/10/2019 10:07:23 AM

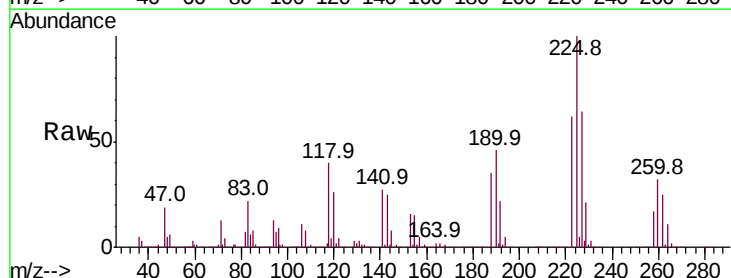


Abundance Ion 179.80 (179.50 to 180.50): V
 800000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

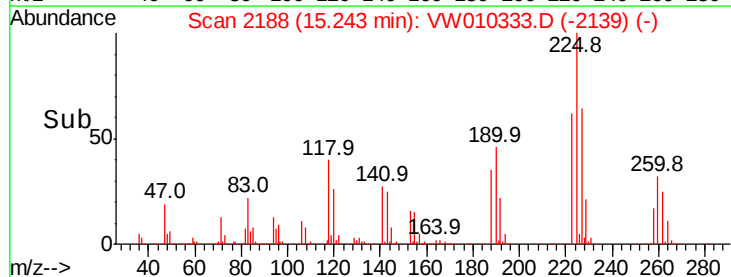
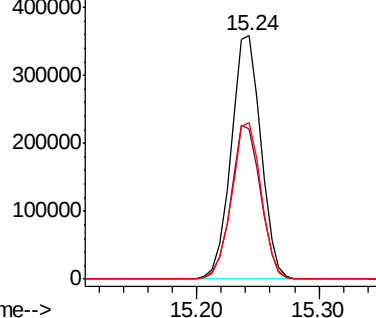


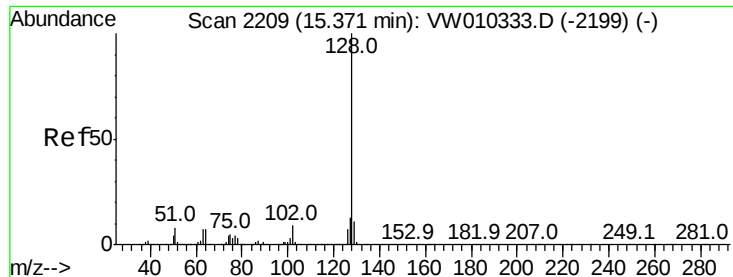
#94
 Hexachlorobutadiene
 Concen: 55.478 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010333.D
 Acq: 09 May 2019 12:34

Tgt Ion:	225	Resp:	609061
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.9	95.5
227	63.4	31.8	95.3



Abundance Ion 224.70 (224.40 to 225.40): V
 500000 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





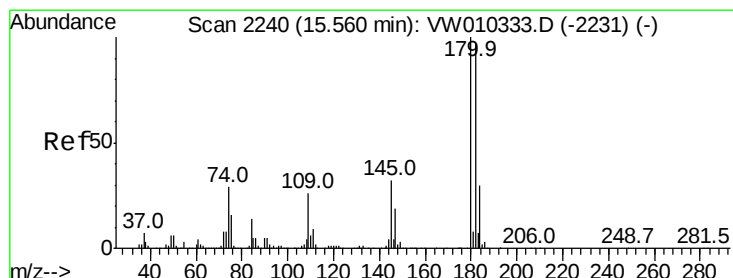
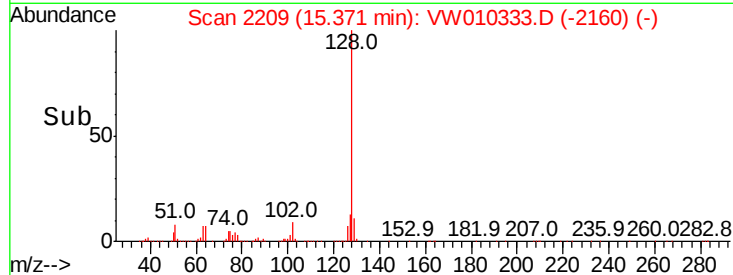
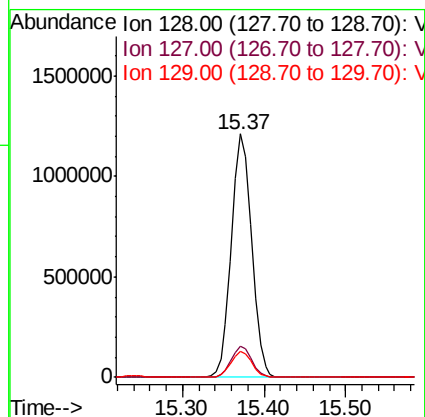
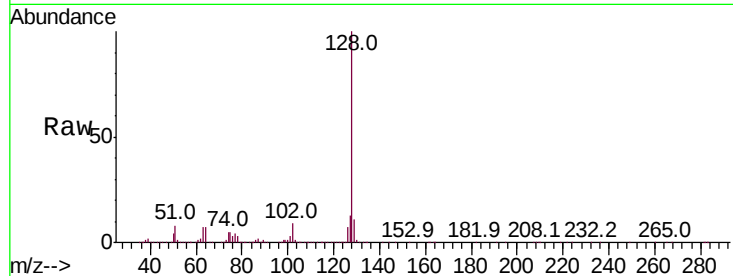
#95
Naphthalene
Concen: 63.828 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:128	Resp: 2071717
Ion Ratio	Lower Upper
128 100	
127 12.9	10.6 15.8
129 10.8	8.7 13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 55.214 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010333.D
Acq: 09 May 2019 12:34

Tgt Ion:180	Resp: 866031
Ion Ratio	Lower Upper
180 100	
182 95.3	47.8 143.3
145 31.6	16.4 49.2

