

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051019\
 Data File : VW010366.D
 Acq On : 10 May 2019 19:56
 Operator : SY/VA
 Sample : K2718-09MS
 Misc : 4.96G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 12:12:24 PM

Quant Time: May 11 00:09:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	124559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	175357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	97553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	17685	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102803	77.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	155.26%	
35) Dibromofluoromethane	7.88	113	80136	78.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.18%	
50) Toluene-d8	10.32	98	206357	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.62	95	28206	19.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	72466	75.629	ug/l	90
3) Chloromethane	2.21	50	91813	72.008	ug/l	97
4) Vinyl Chloride	2.36	62	118346	74.685	ug/l	96
5) Bromomethane	2.78	94	40744	44.588	ug/l	100
6) Chloroethane	2.92	64	75338	82.212	ug/l	90
7) Trichlorofluoromethane	3.25	101	117107	147.627	ug/l	99
8) Diethyl Ether	3.67	74	75943	108.899	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.04	101	95254	73.282	ug/l	96
10) Methyl Iodide	4.25	142	48162	26.165	ug/l	94
11) Tert butyl alcohol	5.18	59	61816	661.001	ug/l	99
12) 1,1-Dichloroethene	4.03	96	73125	53.838	ug/l	99
14) Allyl chloride	4.66	41	107738	53.139	ug/l	93
15) Acrylonitrile	5.37	53	85823	222.036	ug/l	98
16) Acetone	4.12	43	175838	509.354	ug/l	92
17) Carbon Disulfide	4.36	76	154947	37.719	ug/l	99
18) Methyl Acetate	4.67	43	119685	139.970	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	282009	174.415	ug/l	97
20) Methylene Chloride	4.90	84	107889	74.929	ug/l	92
21) trans-1,2-Dichloroethene	5.41	96	60701	41.518	ug/l	96
22) Diisopropyl ether	6.31	45	351343	89.291	ug/l #	98
24) 1,1-Dichloroethane	6.21	63	202486	76.433	ug/l	100
25) 2-Butanone	7.18	43	128232	242.811	ug/l	94
26) 2,2-Dichloropropane	7.16	77	100481	76.233	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	72991	48.546	ug/l	99
28) Bromochloromethane	7.50	49	74324	76.098	ug/l #	18
29) Tetrahydrofuran	7.53	42	154202	451.428	ug/l	98
30) Chloroform	7.67	83	183104	73.854	ug/l	97
31) Cyclohexane	7.95	56	122783	45.266	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	160278	83.461	ug/l	97
36) 1,1-Dichloropropene	8.07	75	83484	43.908	ug/l	99
38) Carbon Tetrachloride	8.06	117	122602	75.222	ug/l	96
39) Methylcyclohexane	9.34	83	67383	28.970	ug/l	93
40) Benzene	8.32	78	346335	66.512	ug/l	98
41) Methacrylonitrile	7.48	41	8973m	15.805	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.40	62	124077	83.246	ug/l	96
44) Trichloroethene	9.09	130	55497	42.572	ug/l	97
45) 1,2-Dichloropropane	9.37	63	109478	84.582	ug/l	100
46) Dibromomethane	9.46	93	48016	71.809	ug/l	99
47) Bromodichloromethane	9.65	83	122015	76.070	ug/l	97
48) Methyl methacrylate	9.44	41	24673	31.080	ug/l #	88
49) 1,4-Dioxane	9.45	88	25966	2226.746	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	222931	231.563	ug/l	97
52) Toluene	10.38	92	150919	47.419	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	48016	29.554	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	59510	30.928	ug/l #	87
55) 1,1,2-Trichloroethane	10.79	97	78146	82.283	ug/l	97
57) 1,3-Dichloropropane	10.93	76	115823	68.218	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	121850	202.924	ug/l	100
59) 2-Hexanone	10.97	43	44550	65.449	ug/l	98
60) Dibromochloromethane	11.13	129	68657	67.181	ug/l	99
61) 1,2-Dibromoethane	11.24	107	45761	50.193	ug/l	96
64) Tetrachloroethene	10.87	164	45654	66.958	ug/l	90
65) Chlorobenzene	11.66	112	95705	47.393	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	79426	116.370	ug/l	95
67) Ethyl Benzene	11.73	91	172156	46.342	ug/l	99
68) m/p-Xylenes	11.84	106	116933	84.718	ug/l	100
69) o-Xylene	12.16	106	68899	55.182	ug/l	98
70) Styrene	12.18	104	61449	28.245	ug/l	91
71) Bromoform	12.35	173	33993	87.125	ug/l #	98
73) Isopropylbenzene	12.46	105	151741	117.715	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	91640	322.647	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	49469m	239.917	ug/l	
77) Bromobenzene	12.75	156	28597	98.250	ug/l	69
78) n-propylbenzene	12.80	91	106334	66.788	ug/l	100
79) 2-Chlorotoluene	12.90	91	77841	85.853	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	98299	90.453	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	6163	67.500	ug/l	95
82) 4-Chlorotoluene	12.99	91	56008	58.957	ug/l	98
83) tert-Butylbenzene	13.21	119	100620	111.005	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	86505	80.104	ug/l	99
85) sec-Butylbenzene	13.38	105	90998	68.004	ug/l	99
86) p-Isopropyltoluene	13.50	119	65233	54.906	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	29883	51.415	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	25645	44.462	ug/l	97
89) n-Butylbenzene	13.83	91	28064	23.558	ug/l	96
90) Hexachloroethane	14.10	117	24885	112.928	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	34625	67.299	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11059	216.222	ug/l	95
93) 1,2,4-Trichlorobenzene	15.14	180	4624	13.169	ug/l	86
94) Hexachlorobutadiene	15.24	225	6536	29.035	ug/l	99
95) Naphthalene	15.37	128	17195	23.489	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	6403	20.185	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

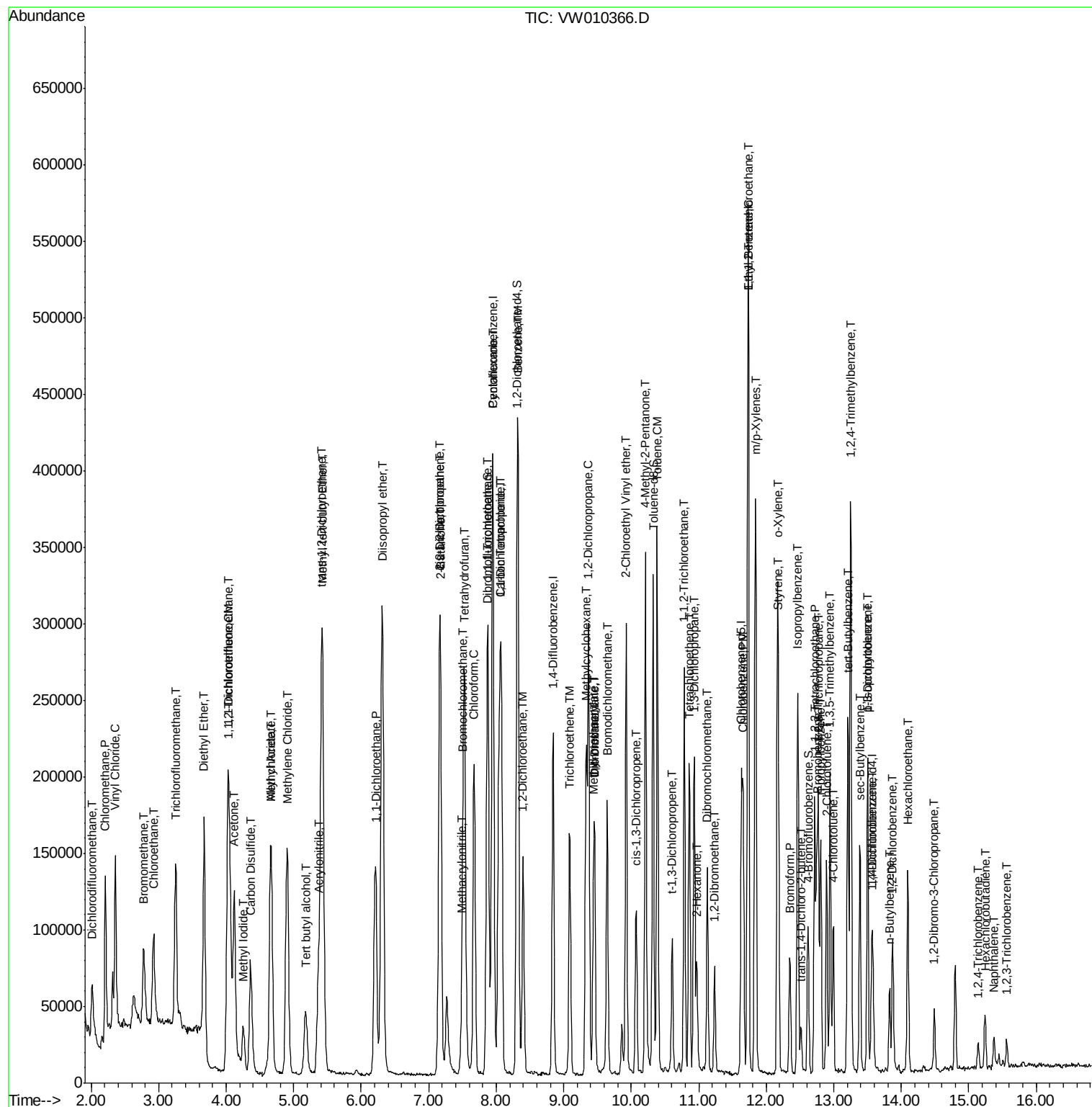
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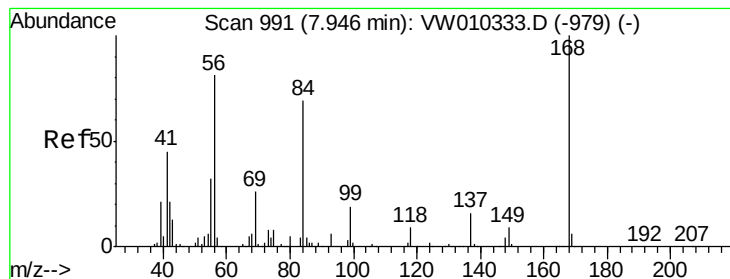
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

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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: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:168 Resp: 124559

Ion Ratio Lower Upper

168 100

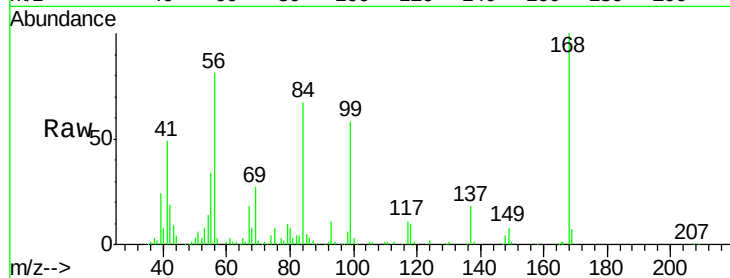
99 57.7 48.4 72.6

Manual Integrations

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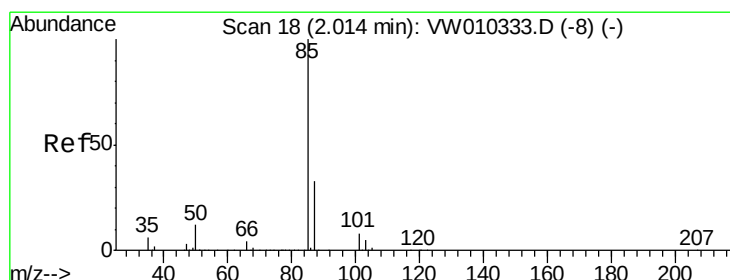
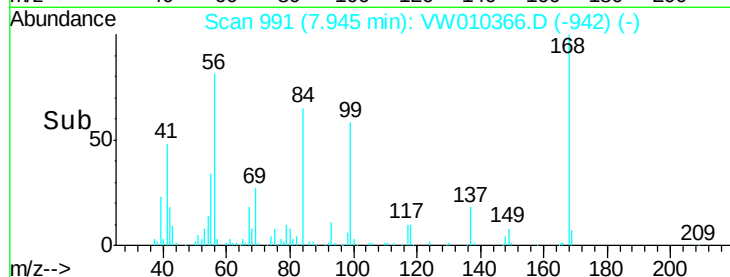
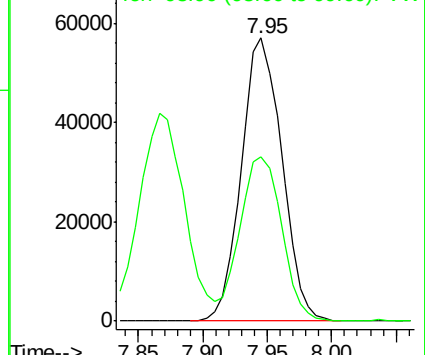
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 75.629 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW010366.D

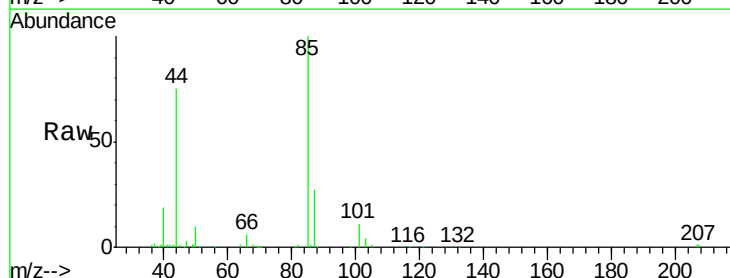
Acq: 10 May 2019 19:56

Tgt Ion: 85 Resp: 72466

Ion Ratio Lower Upper

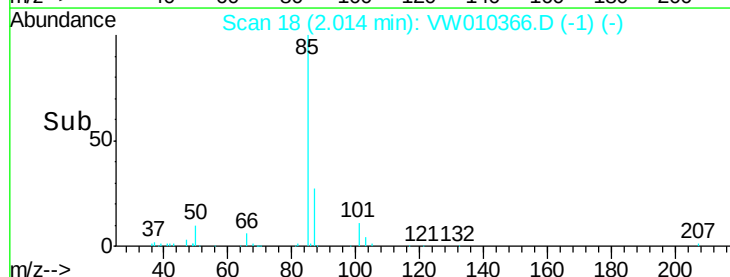
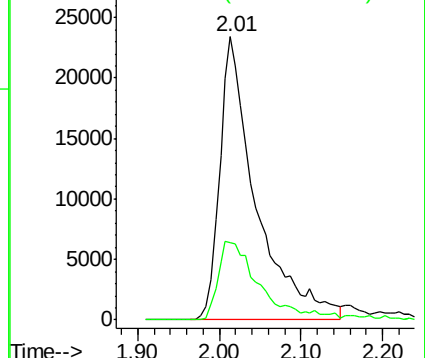
85 100

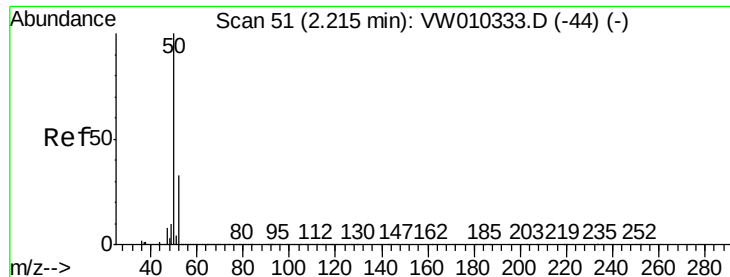
87 27.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 72.008 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

Tot Ion: 50 Resp: 91813

Ion Ratio Lower Upper

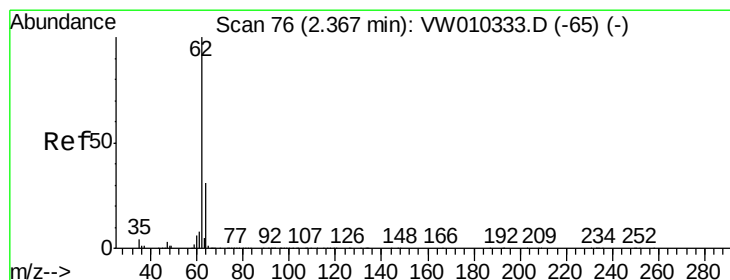
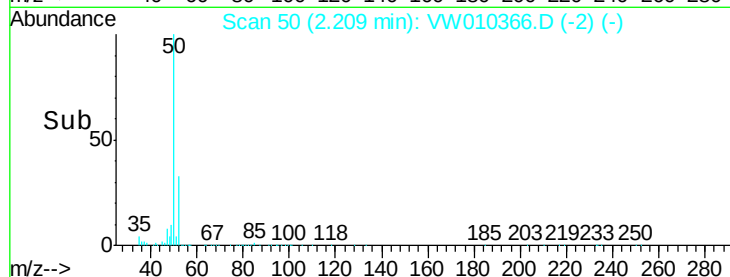
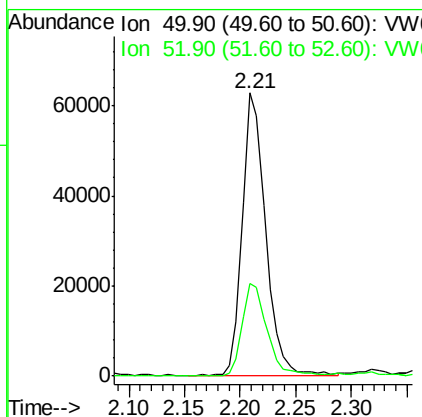
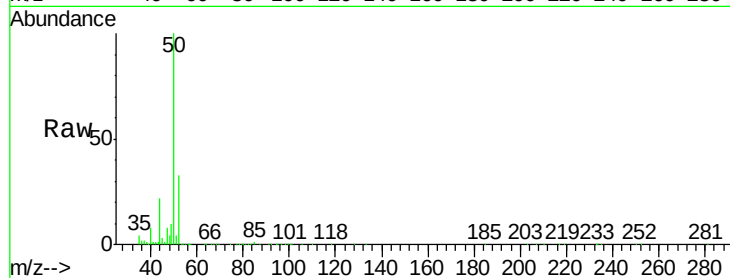
50 100

52 32.8 25.0 37.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 74.685 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW010366.D

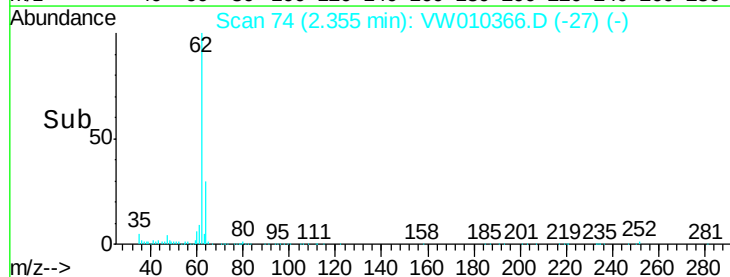
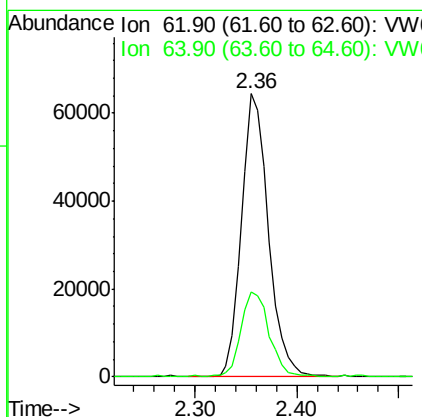
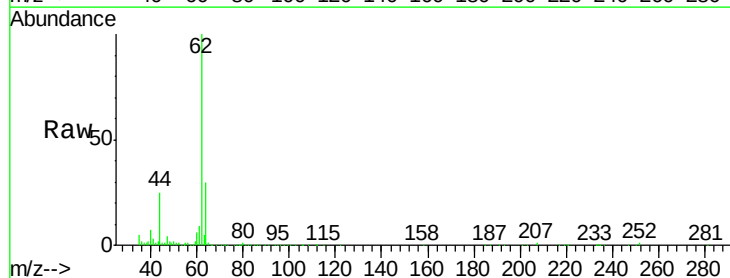
Acq: 10 May 2019 19:56

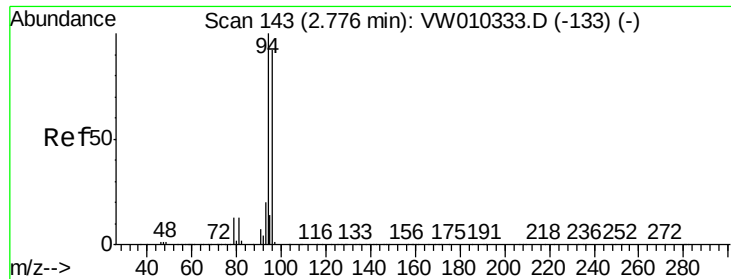
Tgt Ion: 62 Resp: 118346

Ion Ratio Lower Upper

62 100

64 30.0 25.9 38.9





#5

Bromomethane

Concen: 44.588 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

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Tot Ion: 94 Resp: 40744

Ion Ratio Lower Upper

94 100

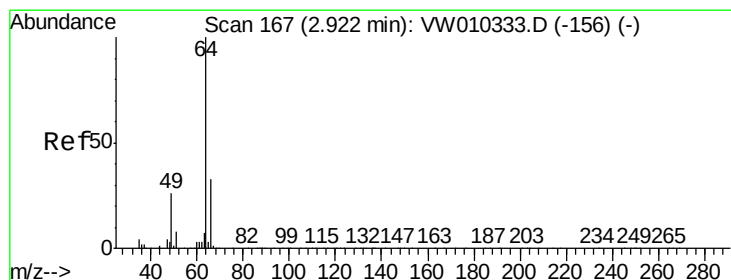
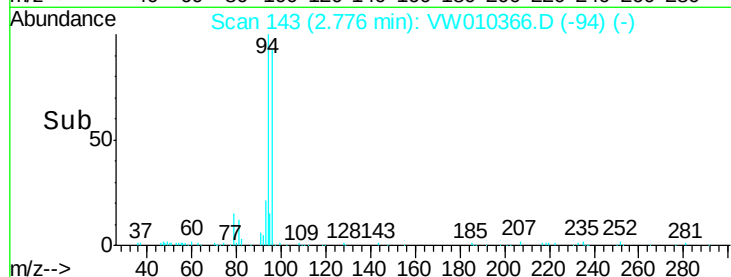
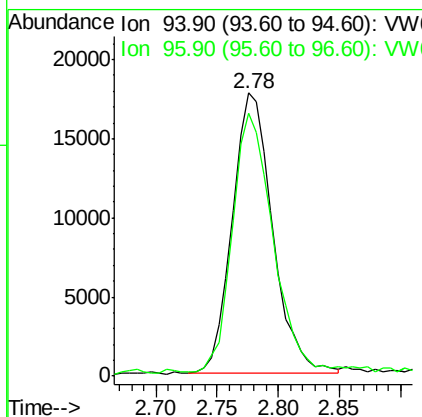
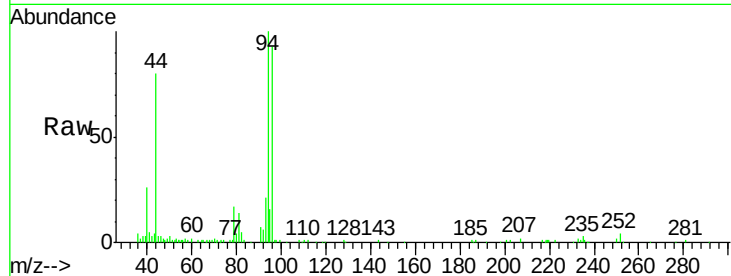
96 92.2 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 82.212 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW010366.D

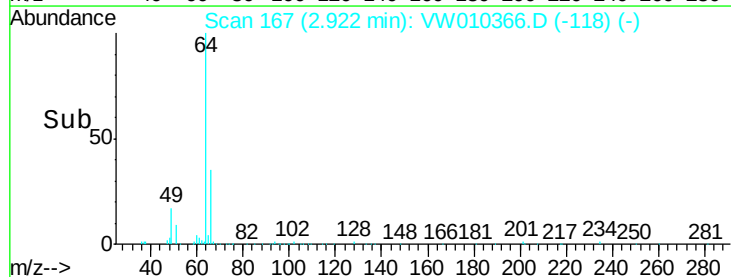
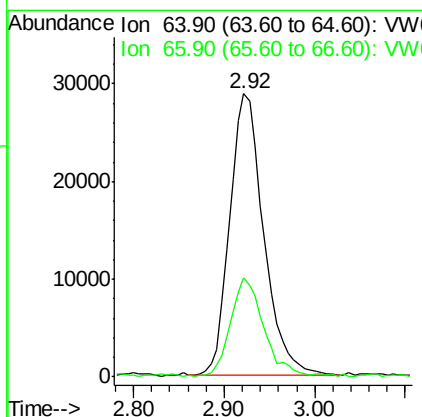
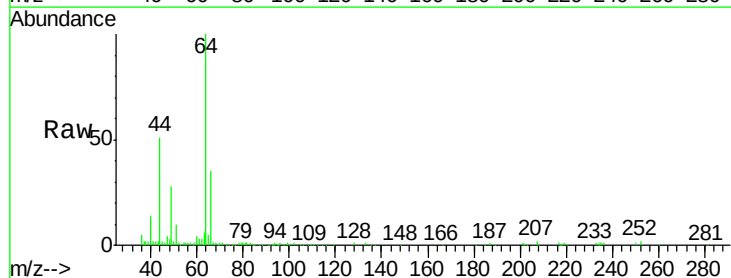
Acq: 10 May 2019 19:56

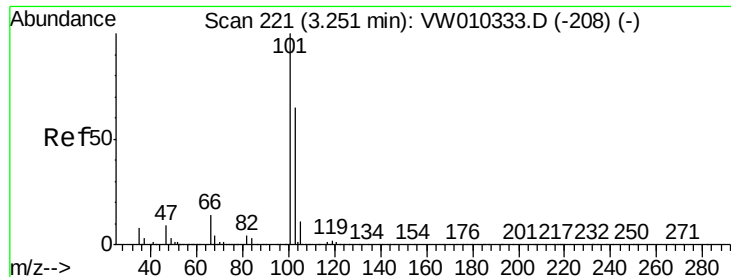
Tgt Ion: 64 Resp: 75338

Ion Ratio Lower Upper

64 100

66 34.6 23.4 35.0





#7

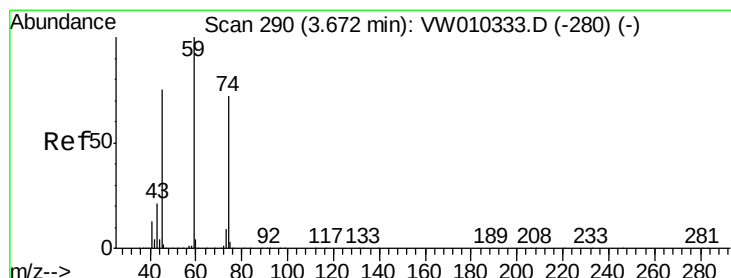
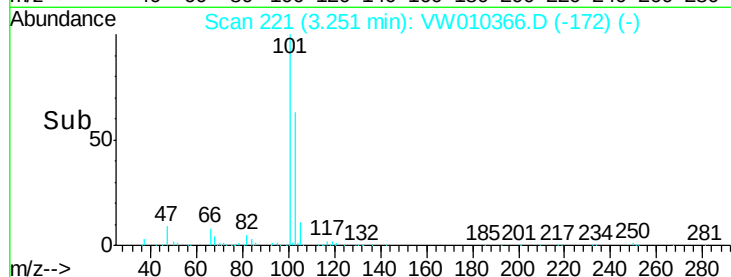
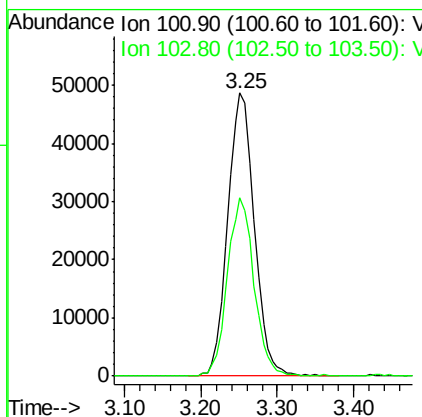
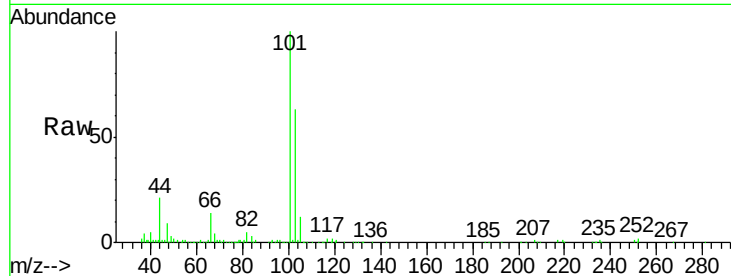
Trichlorofluoromethane
Concen: 147.627 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW010366.D
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P026-SS006-0002-01MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	49.8	74.6

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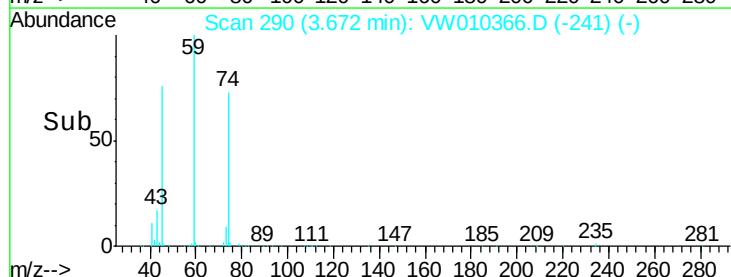
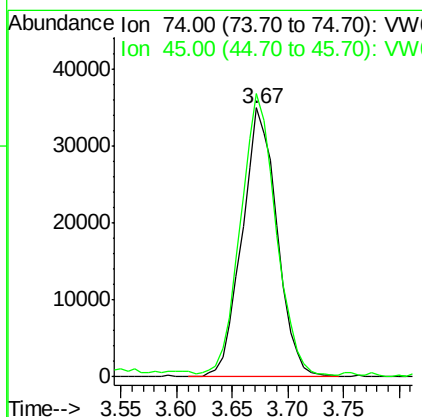
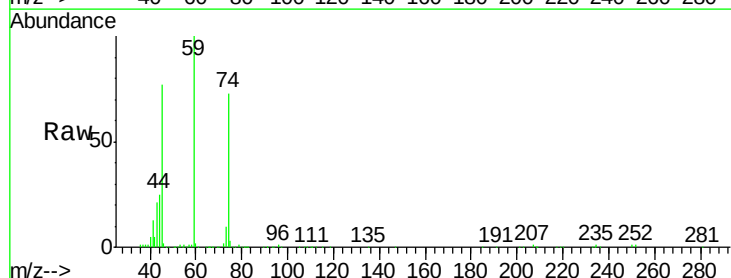
MMDadoda
5/11/2019 12:12:24 PM

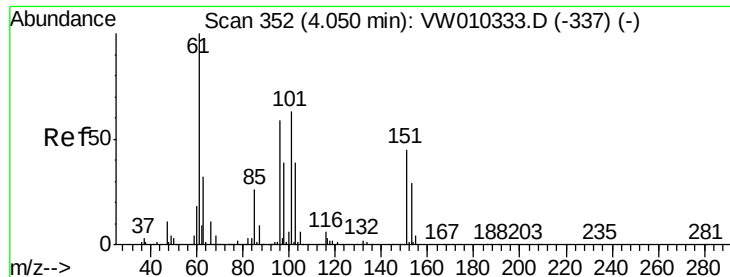


#8

Diethyl Ether
Concen: 108.899 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.1	56.0	168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 73.282 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

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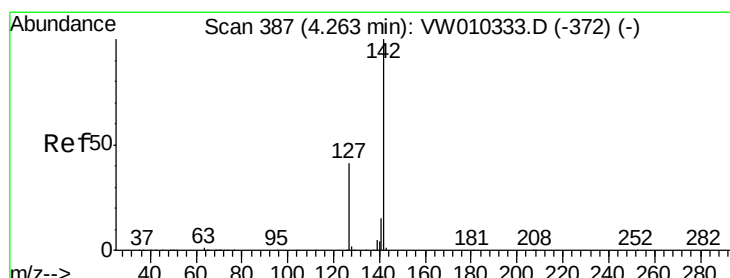
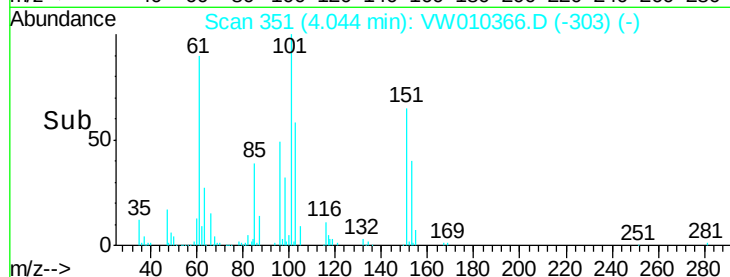
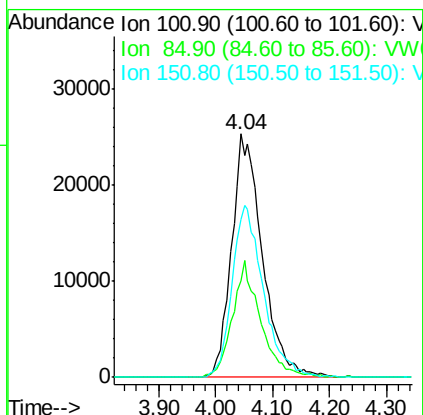
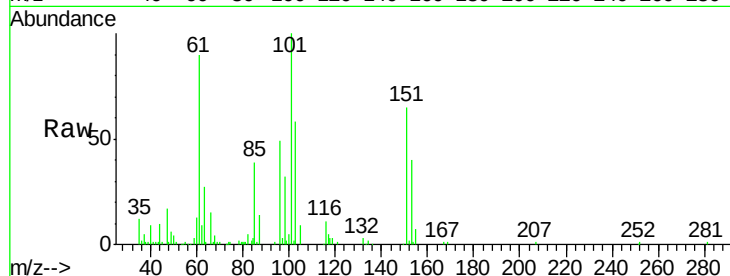
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	101	Resp:	95254
Ion Ratio	Lower	Upper	
101	100		
85	43.3	36.3	54.5
151	71.9	60.2	90.2

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 26.165 ug/l

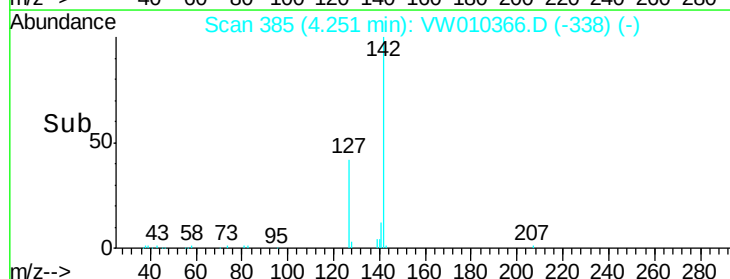
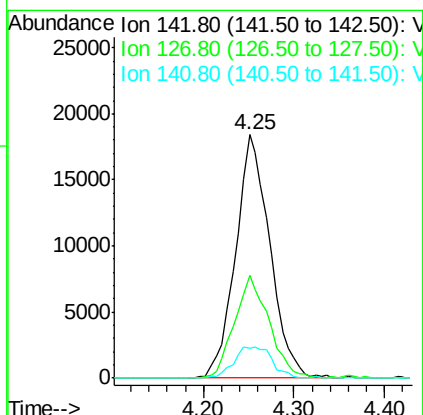
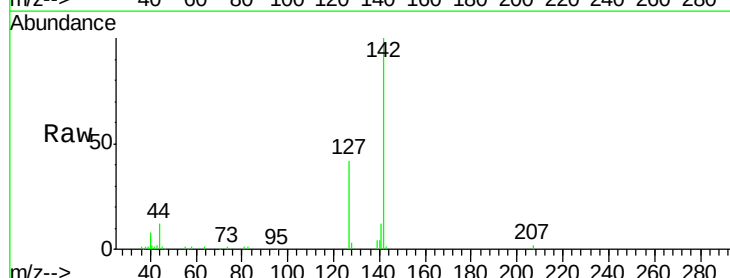
RT: 4.25 min Scan# 385

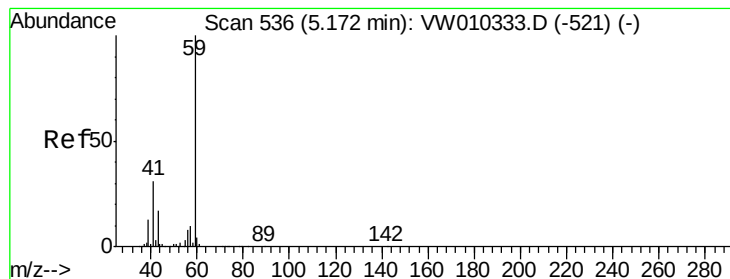
Delta R.T. -0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Tgt Ion:	142	Resp:	48162
Ion Ratio	Lower	Upper	
142	100		
127	42.7	38.1	57.1
141	14.3	12.2	18.2





#11

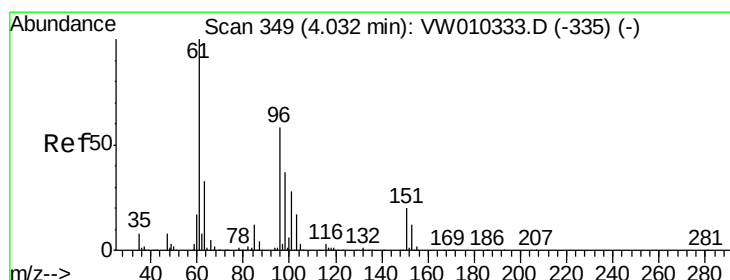
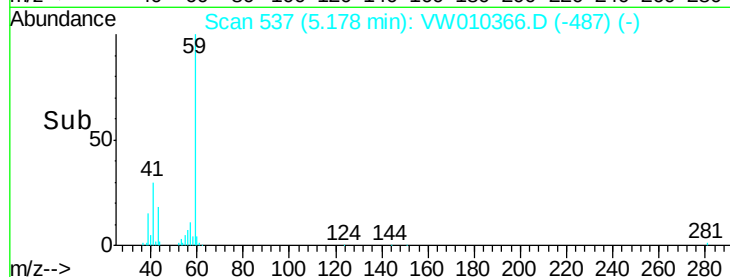
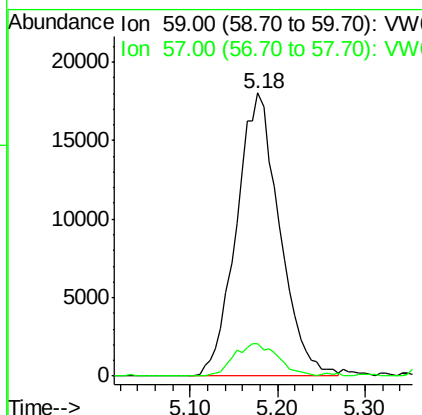
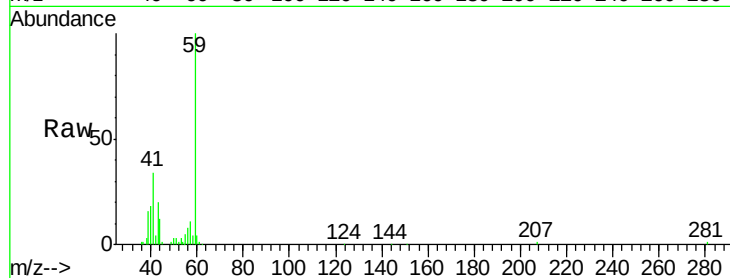
Tert butyl alcohol
Concen: 661.001 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.8	9.0	13.4

Manual Integrations
APPROVED

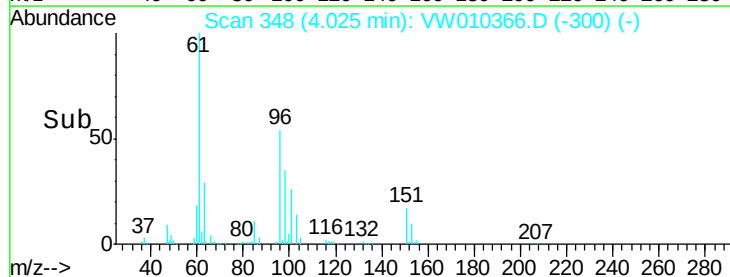
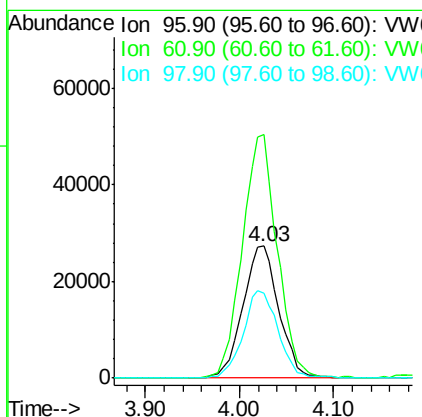
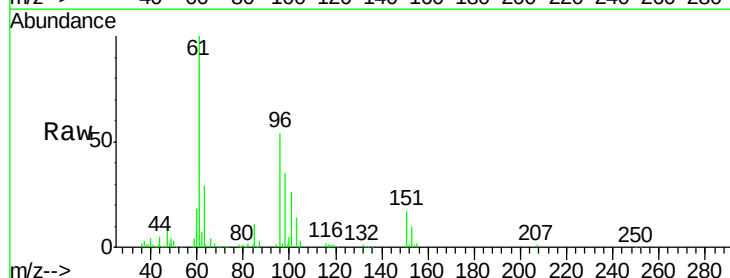
MMDadoda
5/11/2019 12:12:24 PM

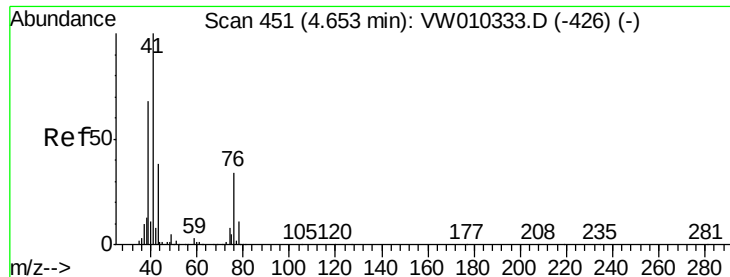


#12

1,1-Dichloroethene
Concen: 53.838 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	184.7	147.4	221.2
98	64.8	49.7	74.5





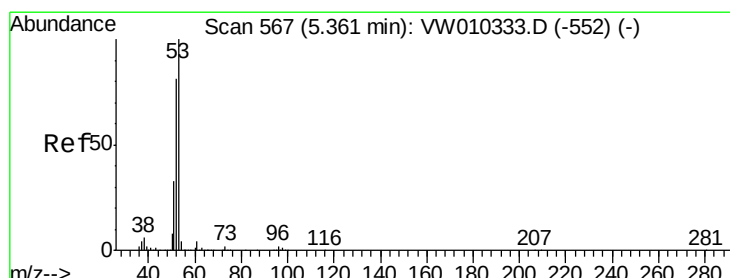
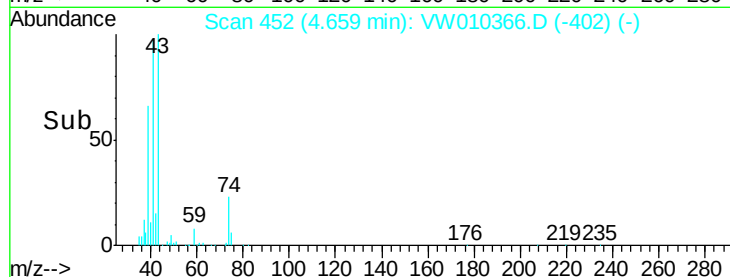
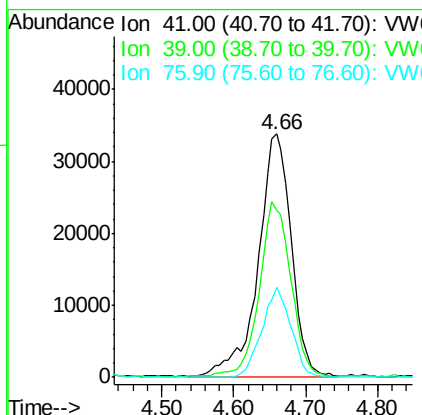
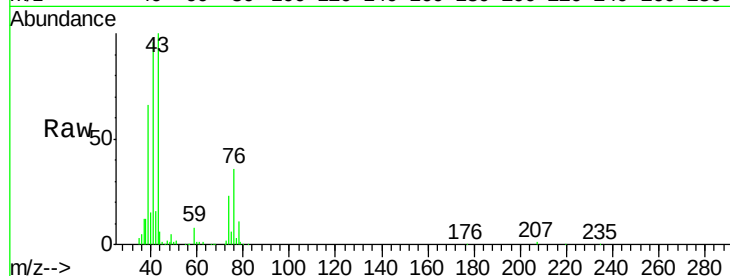
#14
Allvl chloride
Concen: 53.139 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

Tot Ion	Ratio	Resp	Lower	Upper
41	100	107738		
39	67.8	60.2	90.4	
76	32.7	25.0	37.6	

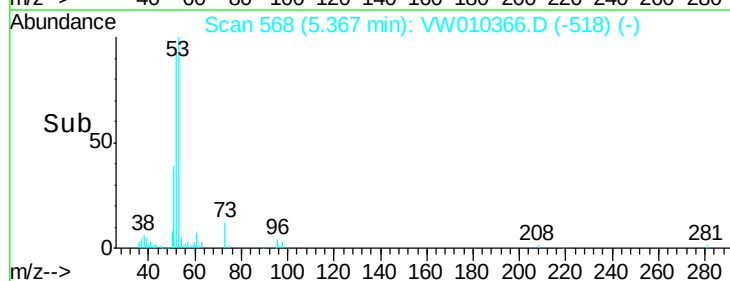
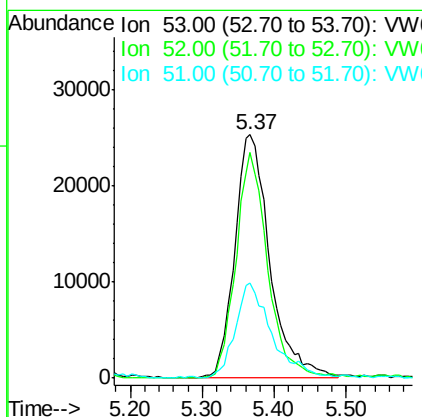
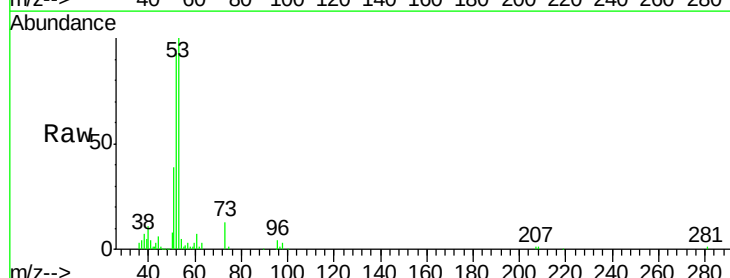
Manual Integrations
APPROVED

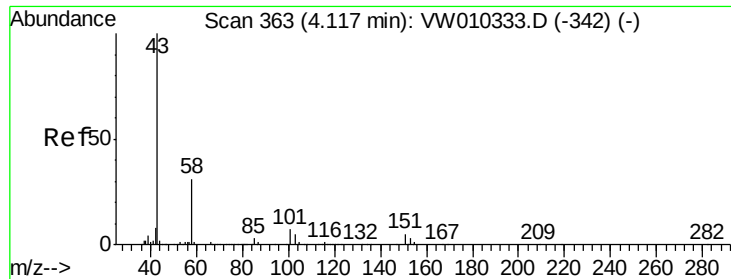
MMDadoda
5/11/2019 12:12:24 PM



#15
Acrylonitrile
Concen: 222.036 ug/l
RT: 5.37 min Scan# 568
Delta R.T. 0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
53	100	85823		
52	84.4	66.6	100.0	
51	40.4	30.3	45.5	





#16

Acetone

Concen: 509.354 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

Tot Ion: 43 Resp: 175838

Ion Ratio Lower Upper

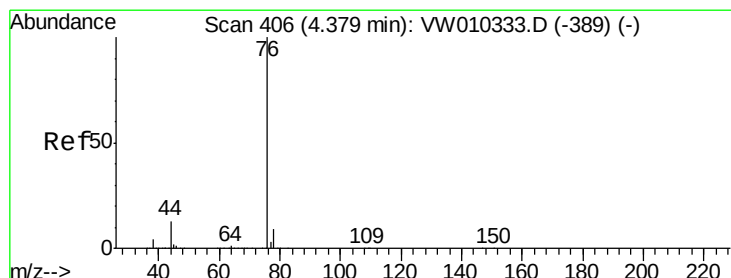
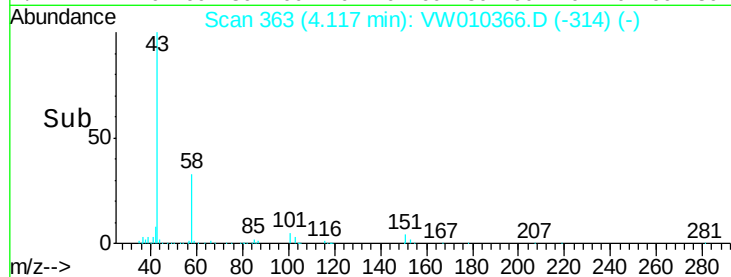
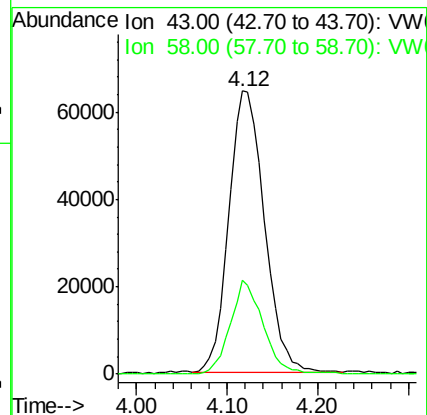
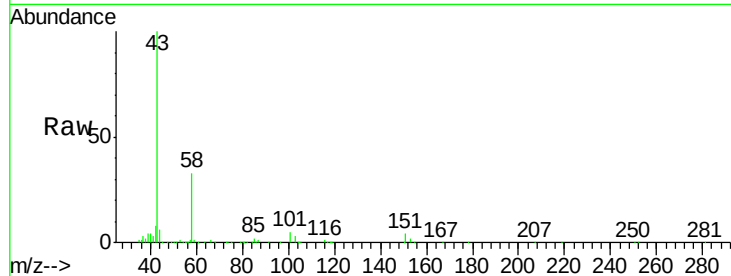
43 100

58 32.8 22.7 34.1

Manual Integrations
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MMDadoda

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#17

Carbon Disulfide

Concen: 37.719 ug/l

RT: 4.36 min Scan# 403

Delta R.T. -0.02 min

Lab File: VW010366.D

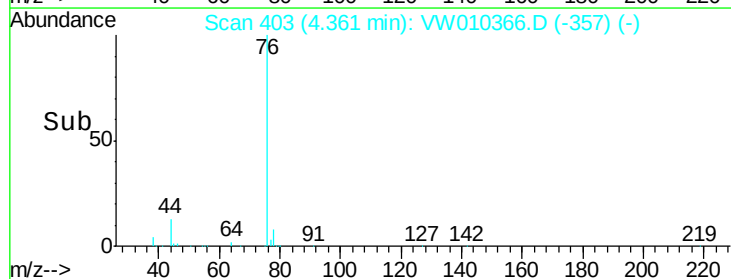
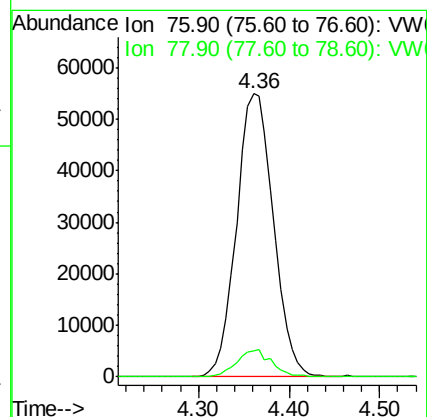
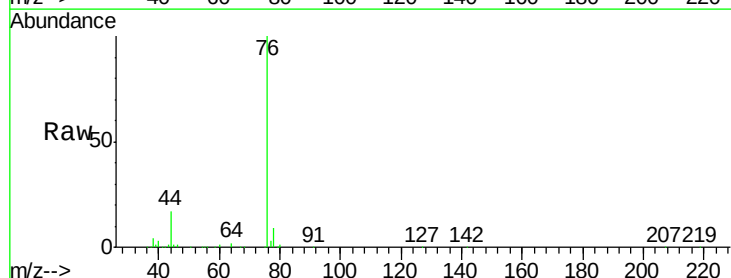
Acq: 10 May 2019 19:56

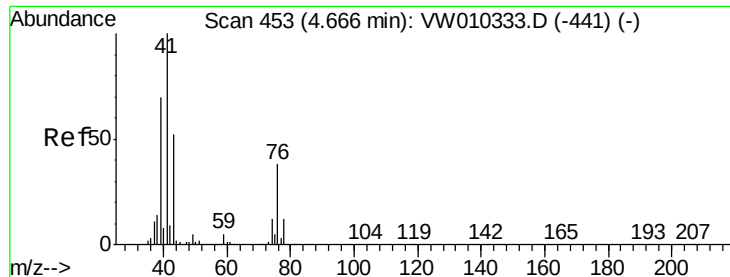
Tgt Ion: 76 Resp: 154947

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2





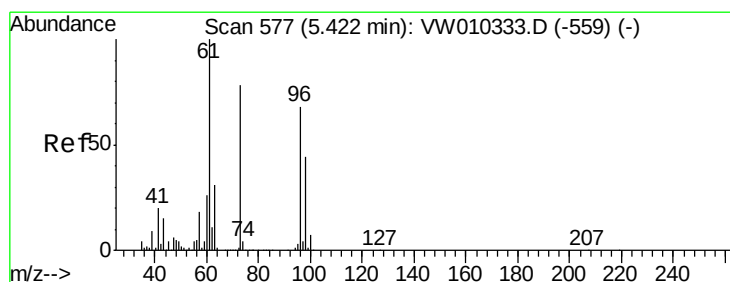
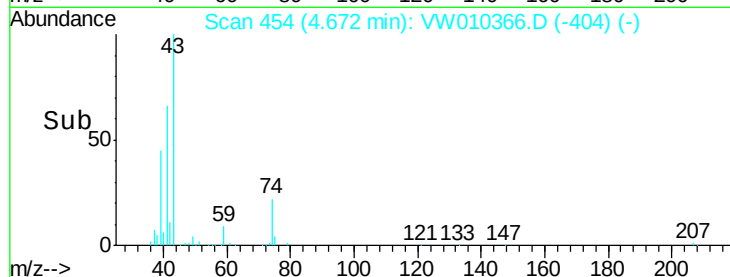
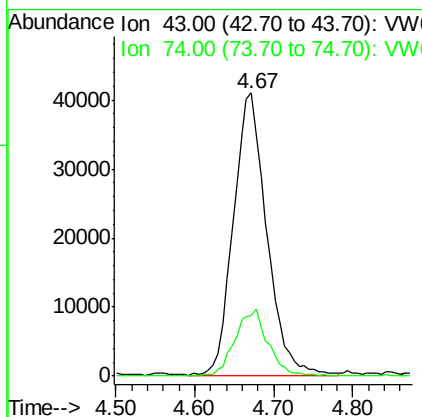
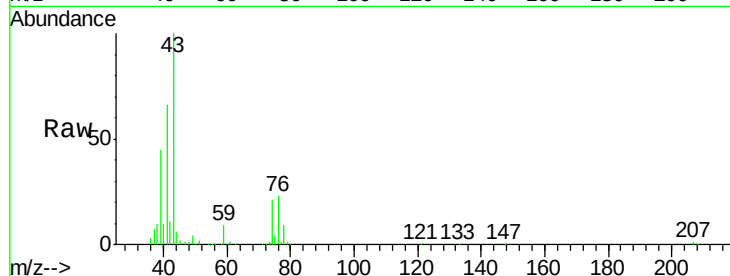
#18
Methyl Acetate
Concen: 139.970 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

Tot Ion	Ratio	Lower	Upper
43	100		
74	23.5	16.8	25.2

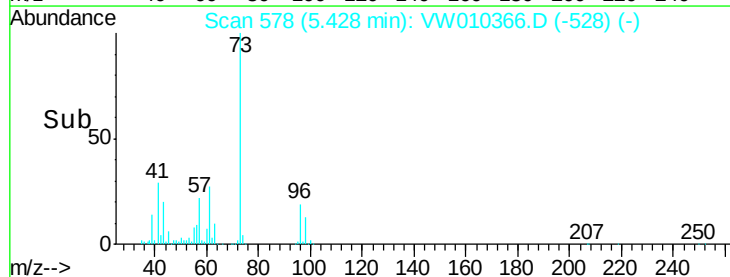
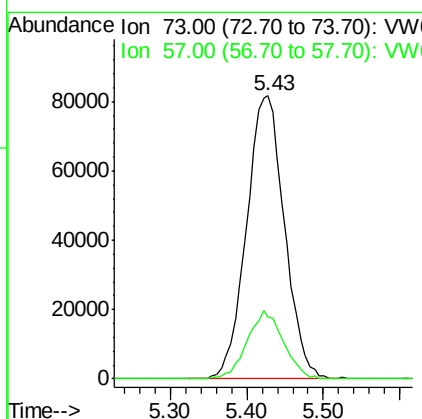
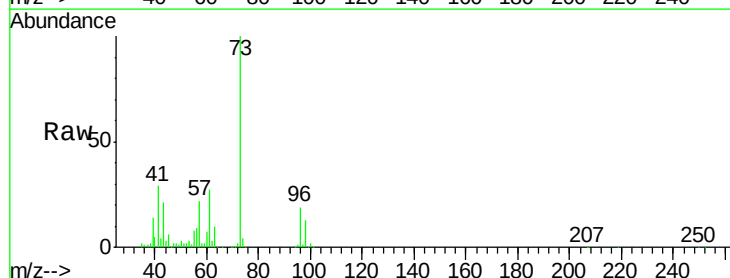
Manual Integrations
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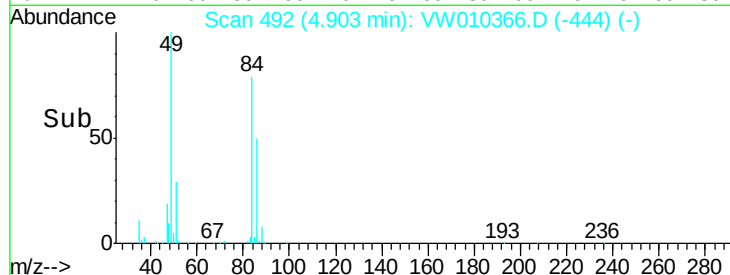
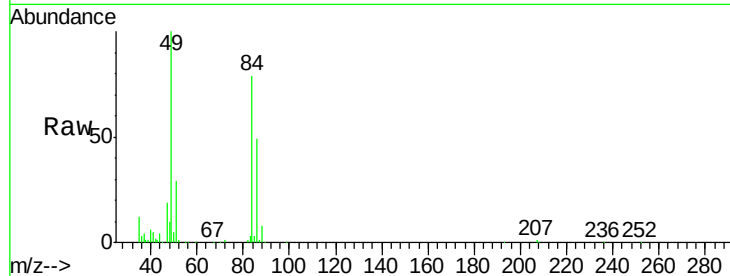
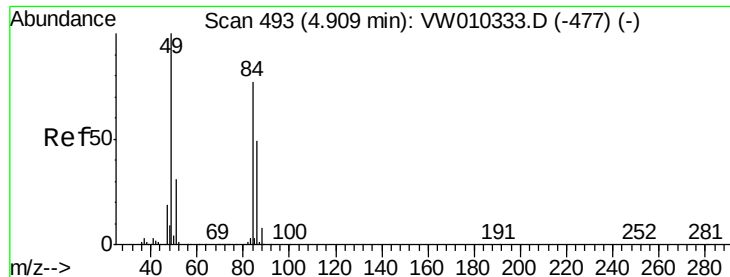
MMDadoda
5/11/2019 12:12:24 PM



#19
Methyl tert-butyl Ether
Concen: 174.415 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.5	27.7





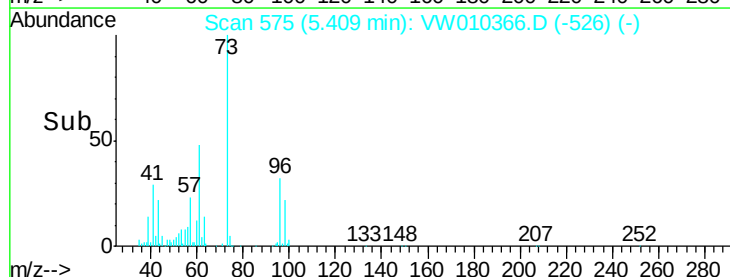
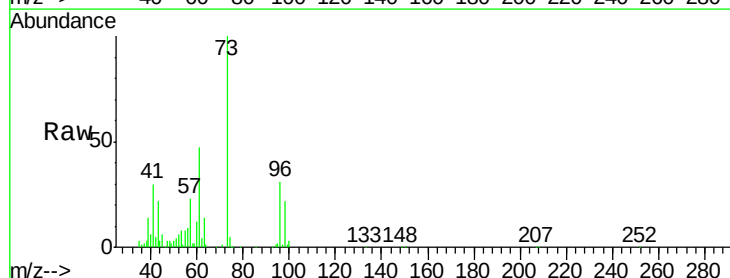
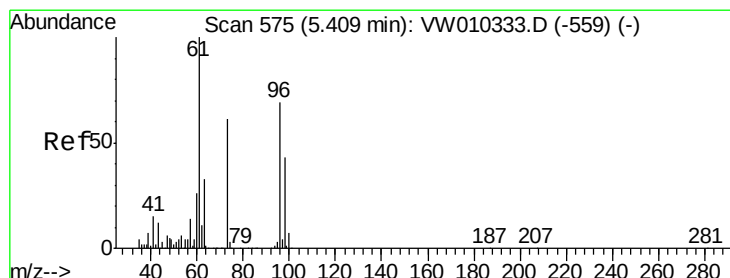
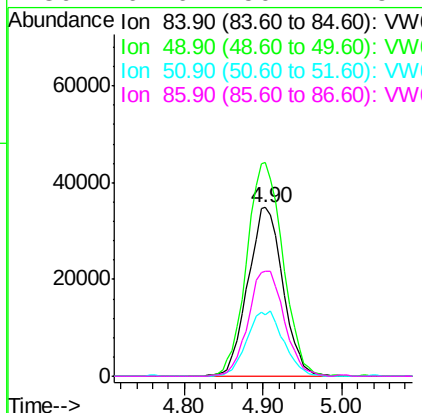
#20
Methylene Chloride
Concen: 74.929 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tot Ion	84	Resp	107889
Ion	Ratio	Lower	Upper
84	100		
49	126.5	112.3	168.5
51	36.3	33.9	50.9
86	62.6	50.2	75.4

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

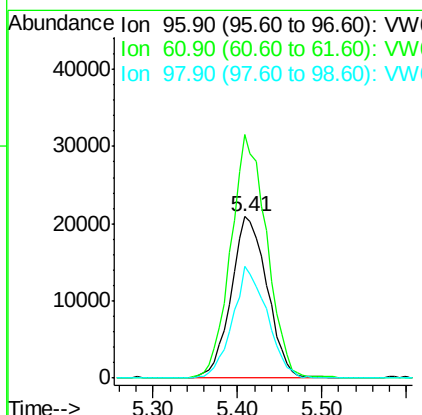
Manual Integrations
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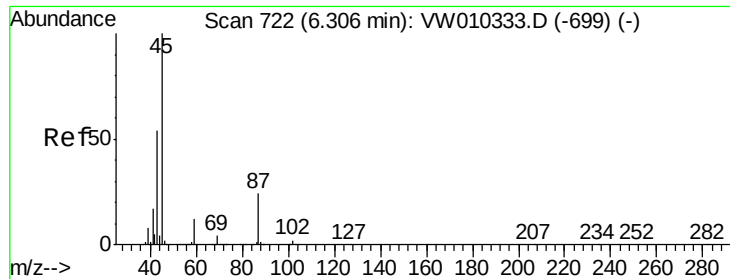
MMDadoda
5/11/2019 12:12:24 PM



#21
trans-1,2-Dichloroethene
Concen: 41.518 ug/l
RT: 5.41 min Scan# 575
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion	96	Resp	60701
Ion	Ratio	Lower	Upper
96	100		
61	150.8	122.3	183.5
98	69.6	50.5	75.7





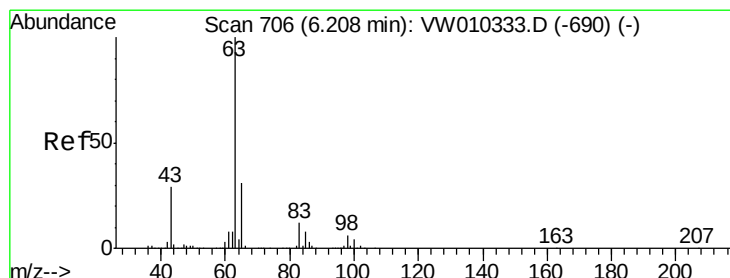
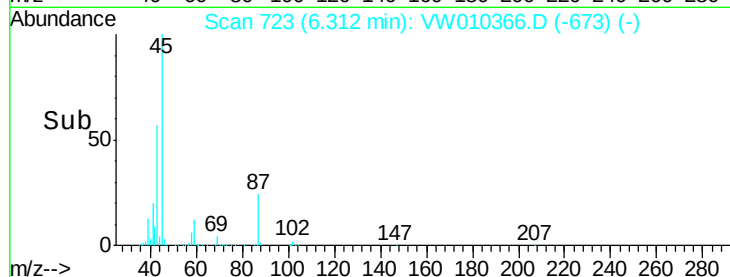
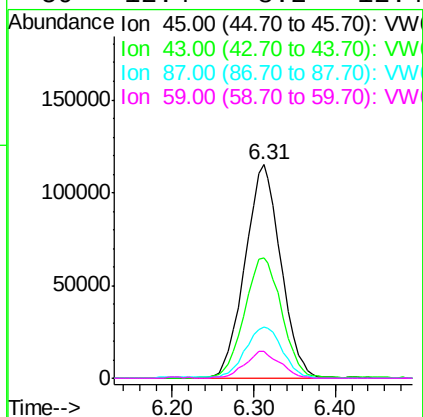
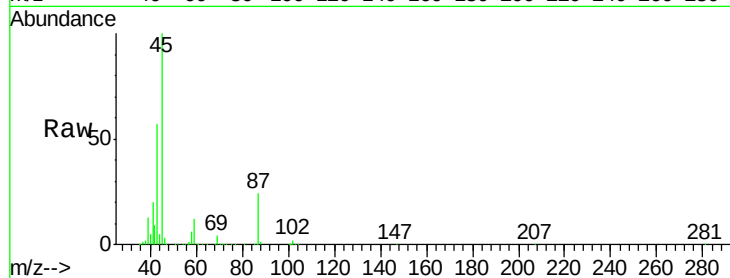
#22
 Diisopropyl ether
 Concen: 89.291 ug/l
 RT: 6.31 min Scan# 723
 Delta R.T. 0.01 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

Tot Ion	45	Resp	351343
Ion Ratio	Lower	Upper	
45	100		
43	56.5	46.1	69.1
87	24.1	18.3	27.5
59	12.4	8.2	12.4#

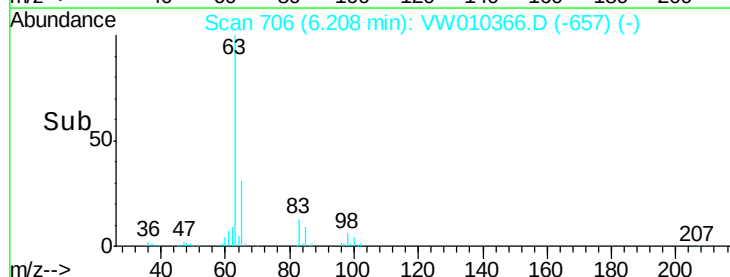
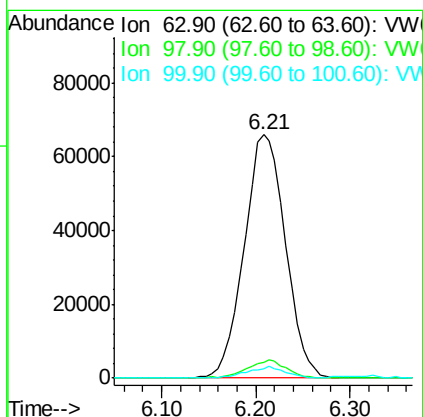
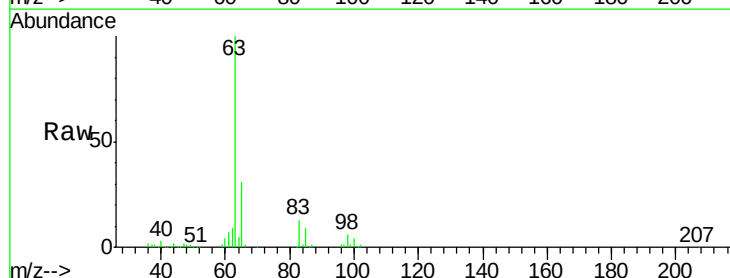
Manual Integrations
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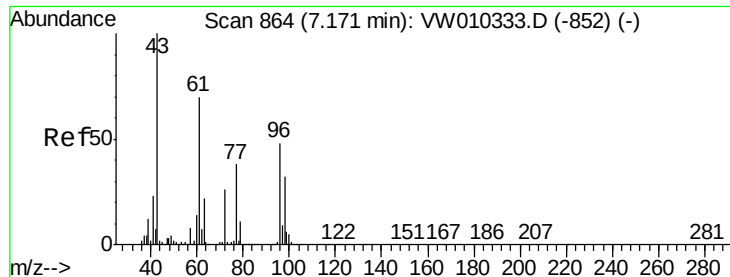
MMDadoda
 5/11/2019 12:12:24 PM



#24
 1,1-Dichloroethane
 Concen: 76.433 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Tgt Ion	63	Resp	202486
Ion Ratio	Lower	Upper	
63	100		
98	6.4	3.3	9.8
100	3.9	2.0	6.0





#25

2-Butanone

Concen: 242.811 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

Tot Ion: 43 Resp: 128232

Ion Ratio Lower Upper

43 100

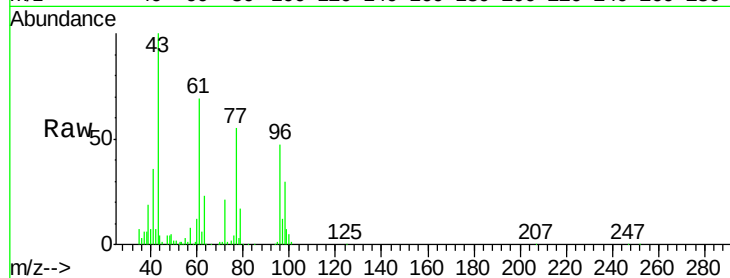
72 20.8 19.1 28.7

Manual Integrations

APPROVED

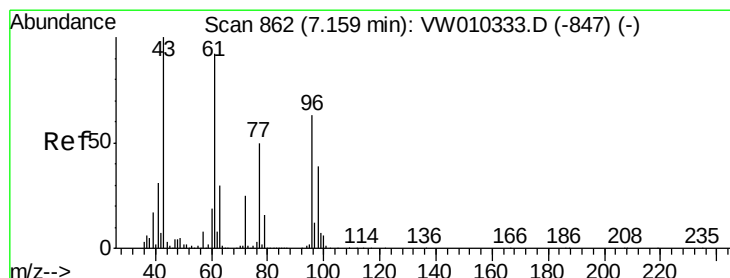
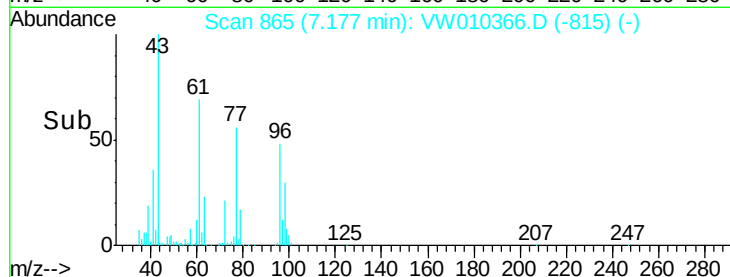
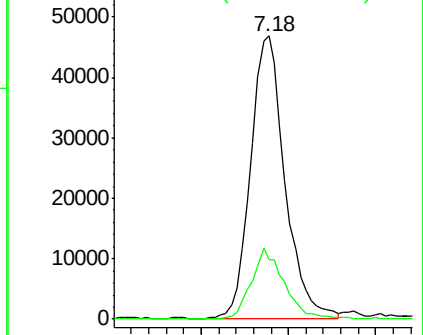
MMDadoda

5/11/2019 12:12:24 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 76.233 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW010366.D

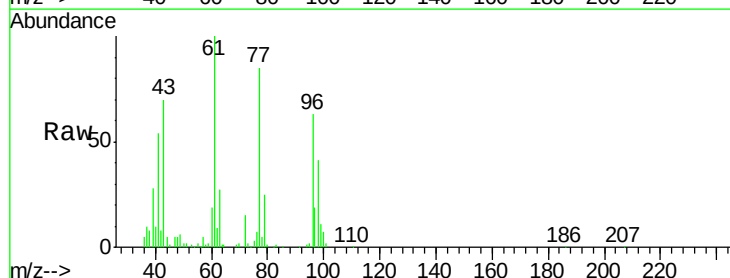
Acq: 10 May 2019 19:56

Tgt Ion: 77 Resp: 100481

Ion Ratio Lower Upper

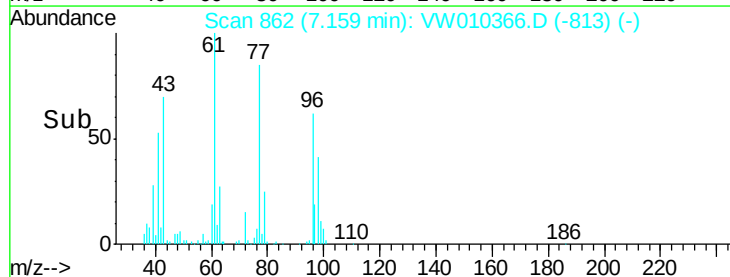
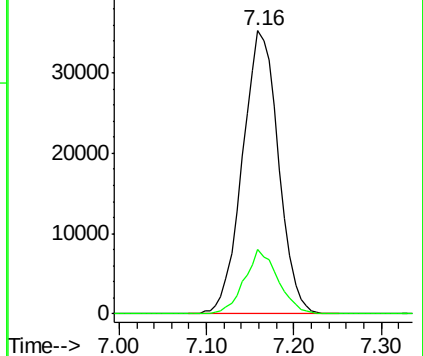
77 100

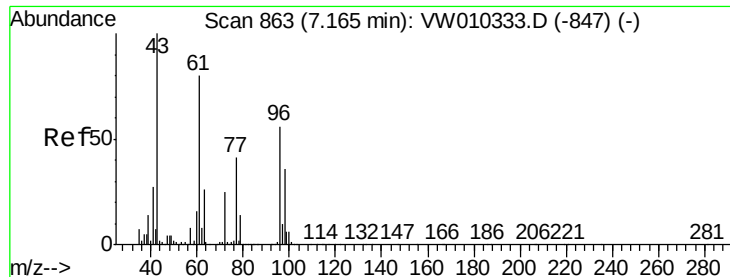
97 21.2 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

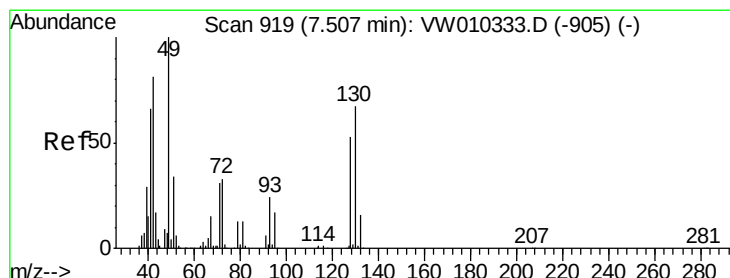
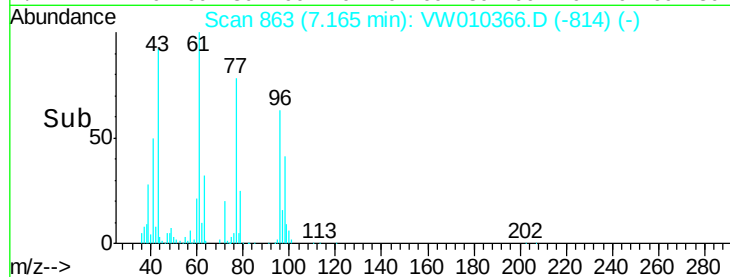
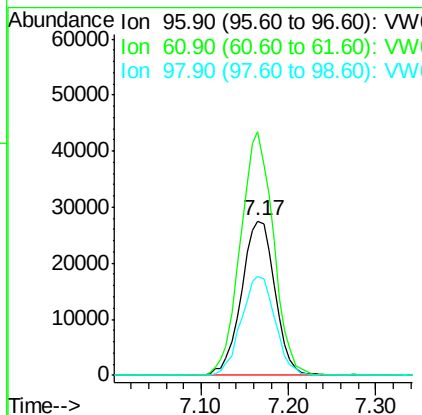
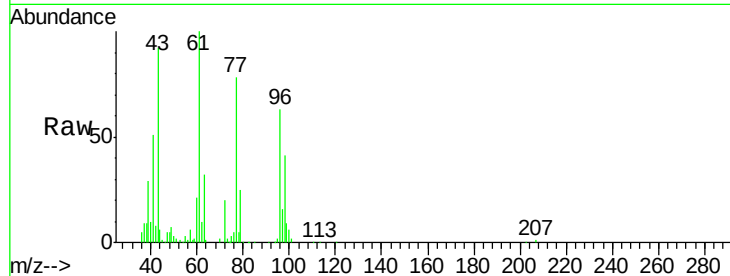
cis-1,2-Dichloroethene
Concen: 48.546 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.4	0.0	309.4
98	64.8	0.0	128.6

Manual Integrations
APPROVED

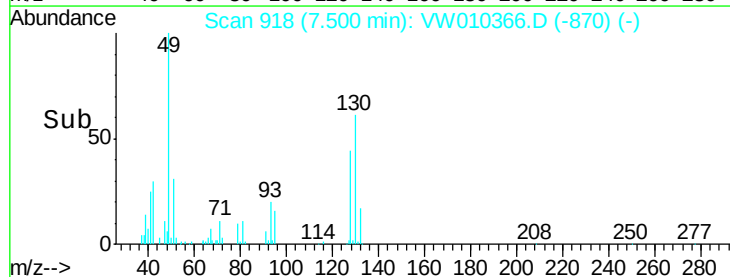
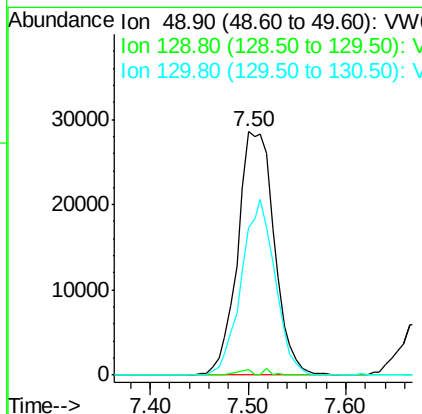
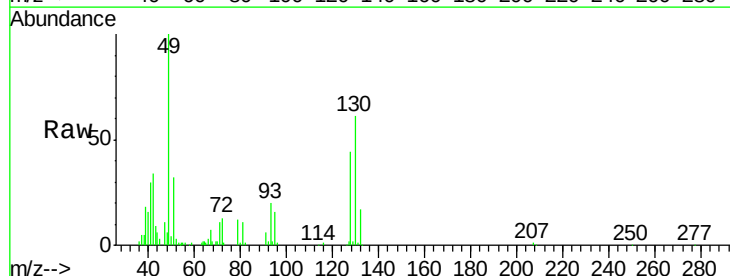
MMDadoda
5/11/2019 12:12:24 PM

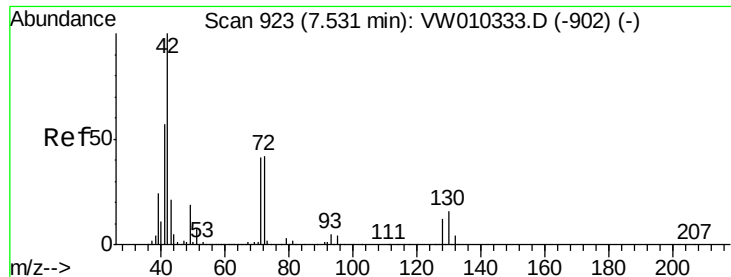


#28

Bromochloromethane
Concen: 76.098 ug/l
RT: 7.50 min Scan# 918
Delta R.T. -0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.8
130	0.0	54.6	82.0#





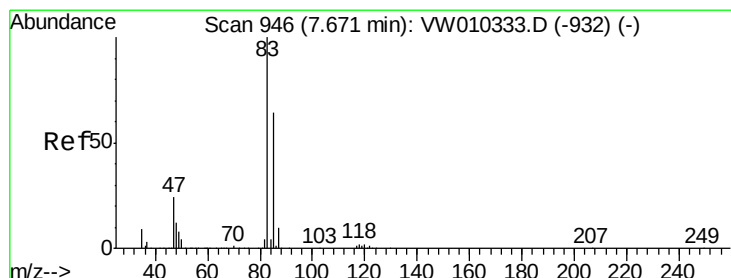
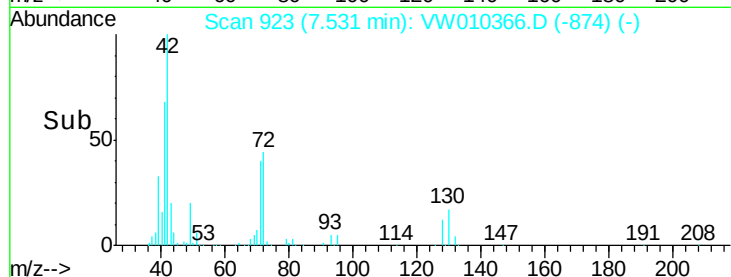
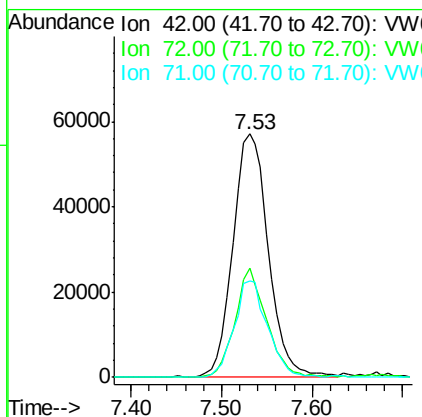
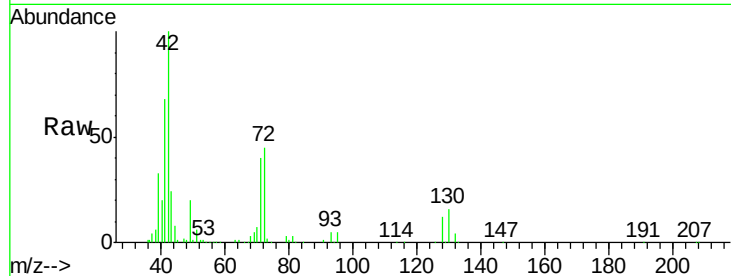
#29
Tetrahydrofuran
Concen: 451.428 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

Tot Ion:	42	Resp:	154202
Ion Ratio		Lower	Upper
42	100		
72	40.2	31.0	46.6
71	37.6	29.7	44.5

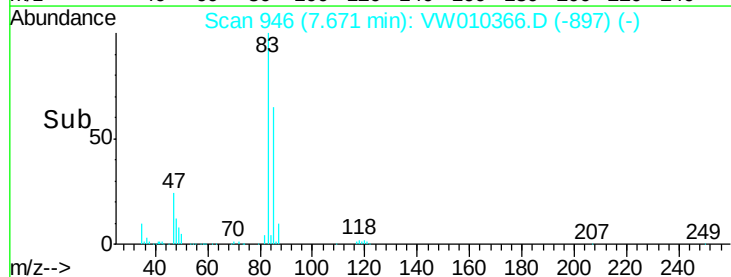
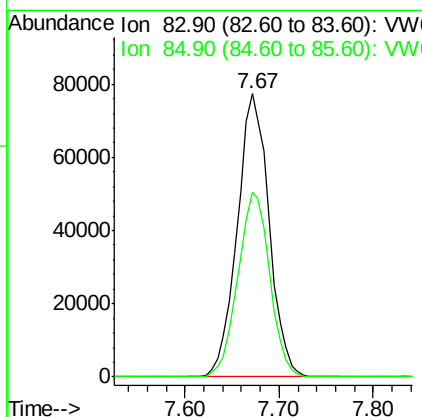
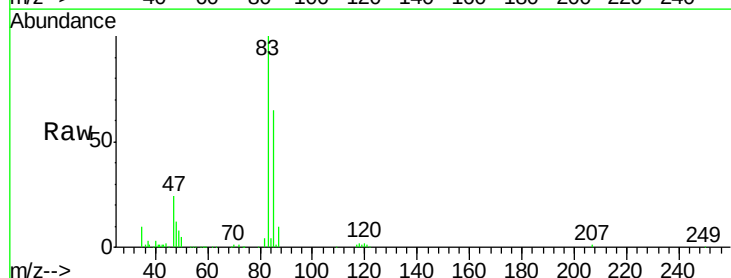
Manual Integrations
APPROVED

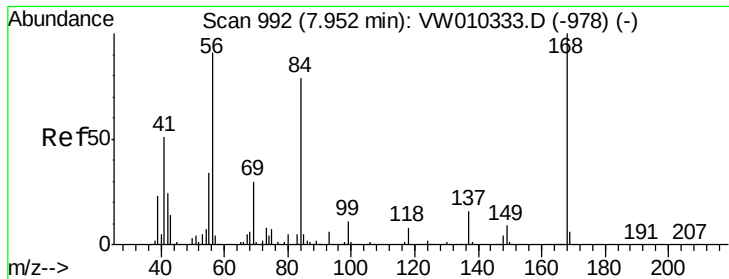
MMDadoda
5/11/2019 12:12:24 PM



#30
Chloroform
Concen: 73.854 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion:	83	Resp:	183104
Ion Ratio		Lower	Upper
83	100		
85	65.4	50.7	76.1





#31

Cyclohexane

Concen: 45.266 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

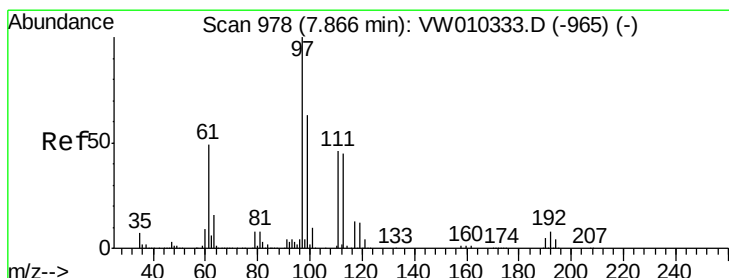
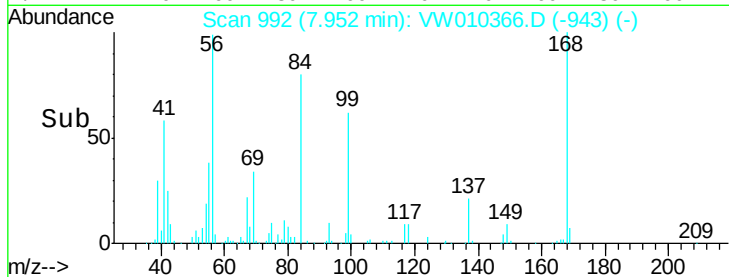
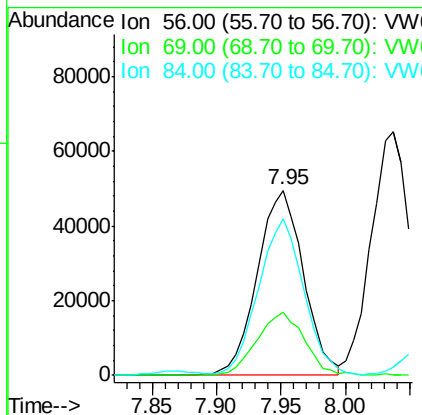
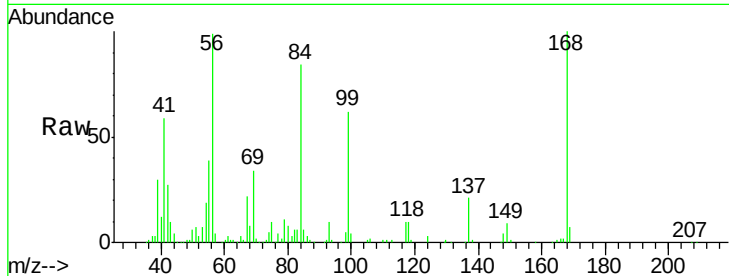
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion	56	Resp	122783
Ion	Ratio	Lower	Upper
56	100		
69	34.3	26.6	40.0
84	83.1	66.2	99.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 83.461 ug/l

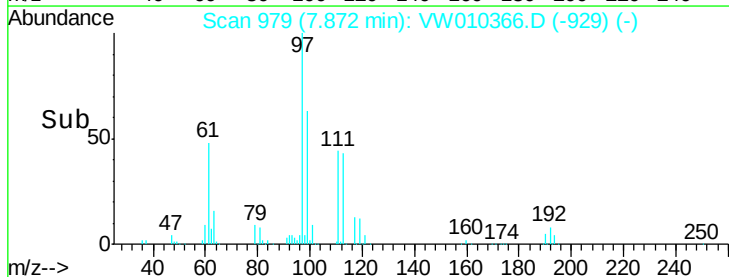
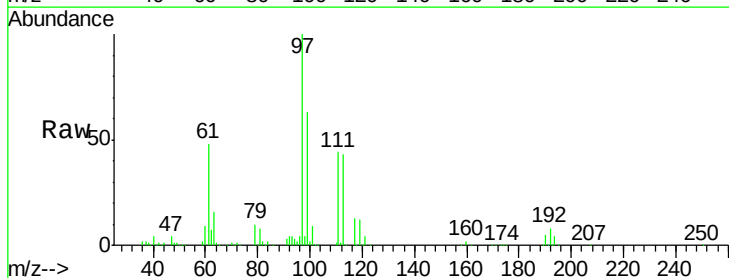
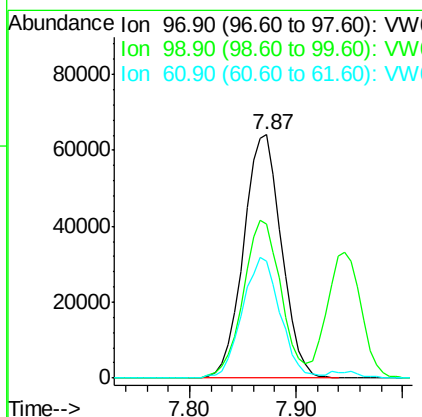
RT: 7.87 min Scan# 979

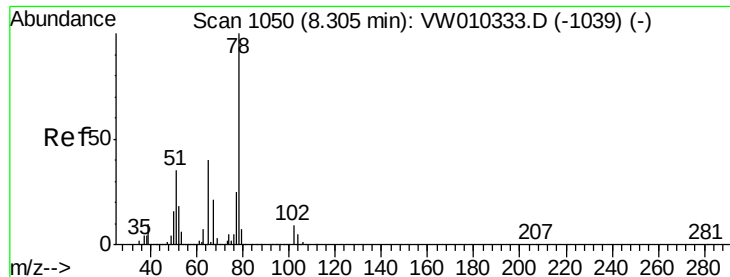
Delta R.T. 0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Tgt Ion	97	Resp	160278
Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.2	75.2
61	49.6	38.2	57.2





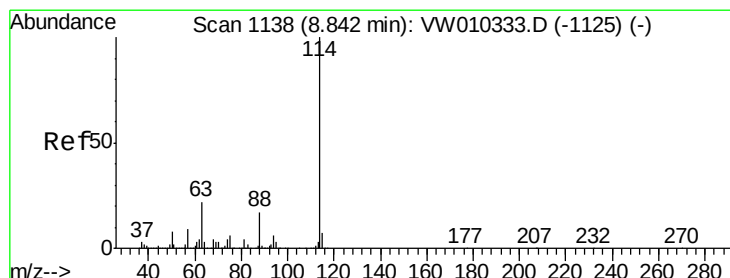
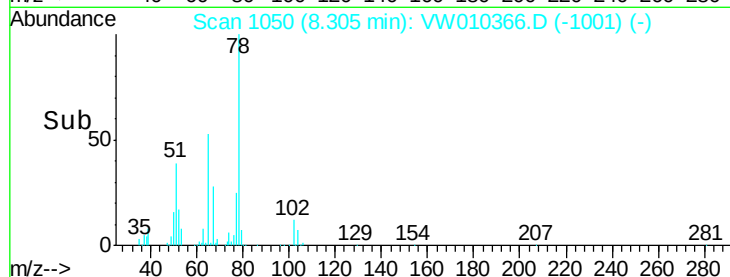
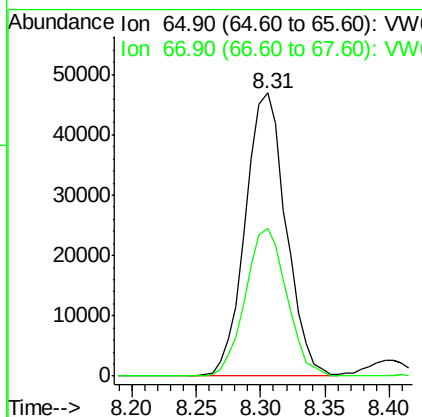
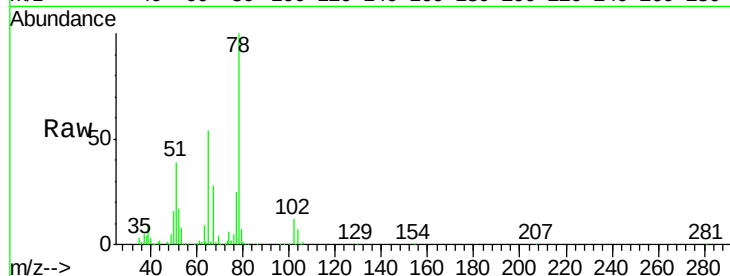
#33
 1,2-Dichloroethane-d4
 Concen: 77.632 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.9	0.0	100.8	

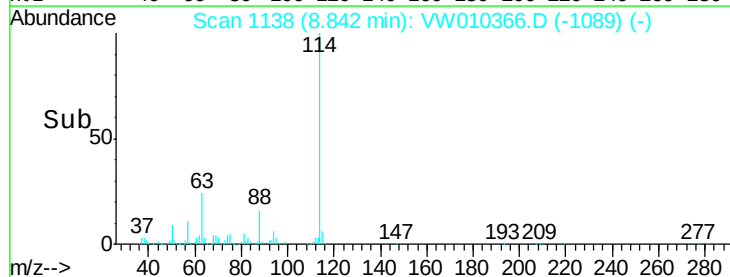
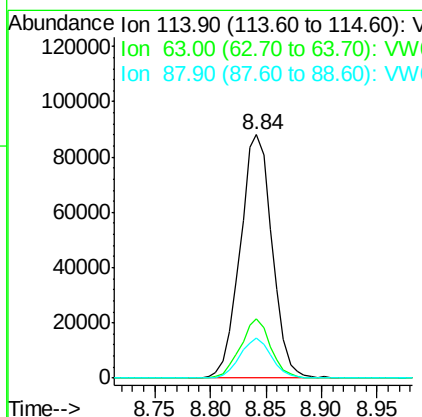
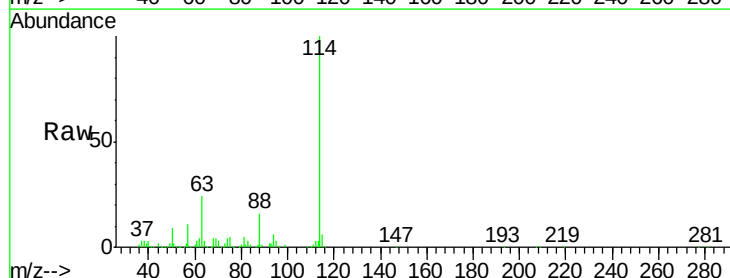
Manual Integrations
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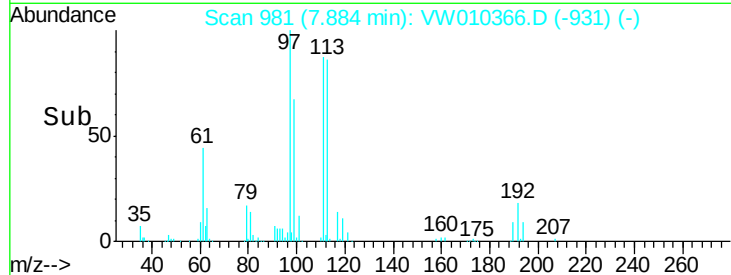
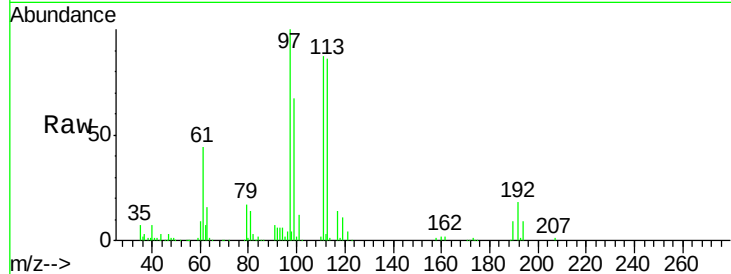
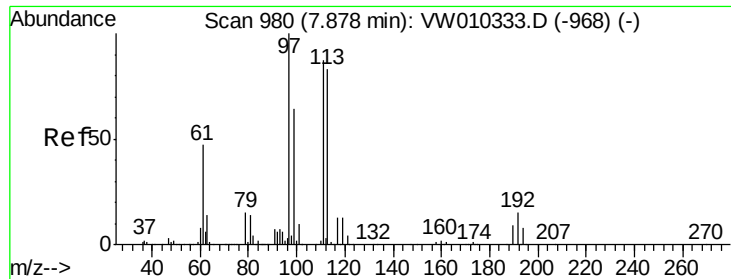
MMDadoda
 5/11/2019 12:12:24 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	24.2	0.0	46.2	
88	16.5	0.0	32.6	





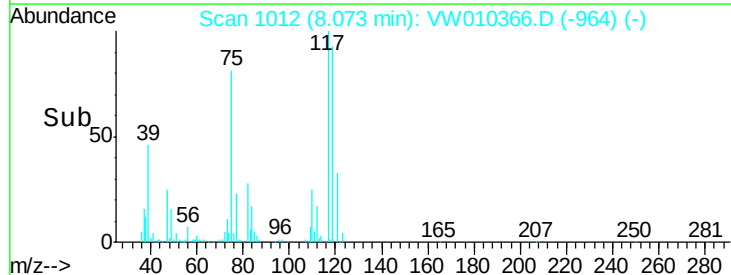
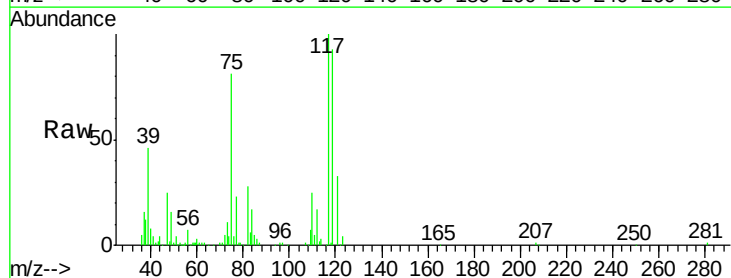
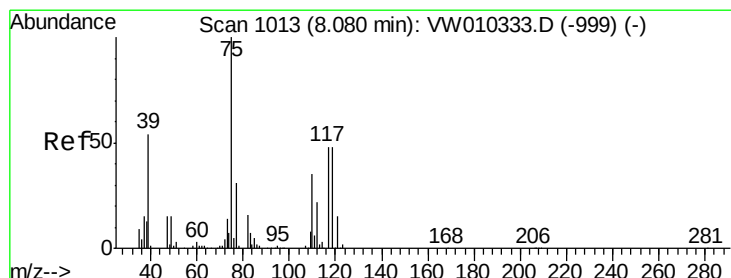
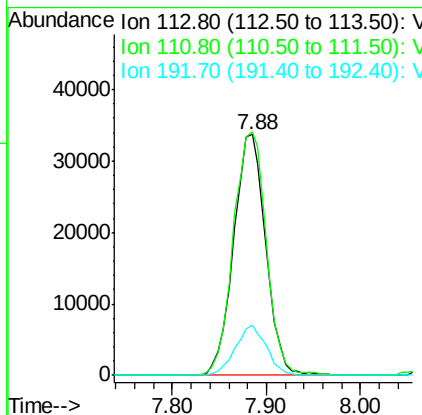
#35
Dibromofluoromethane
Concen: 78.092 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tot Ion	Ratio	Resp	Lower	Upper
113	100	80136		
111	103.7	82.6	123.8	
192	20.2	15.4	23.2	

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

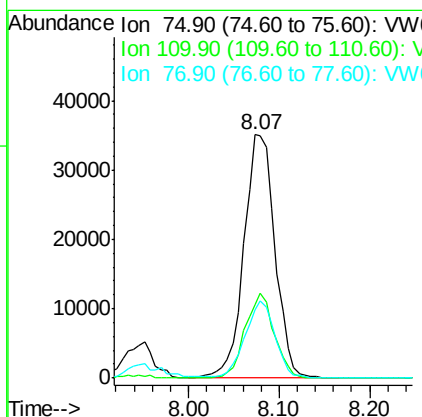
Manual Integrations
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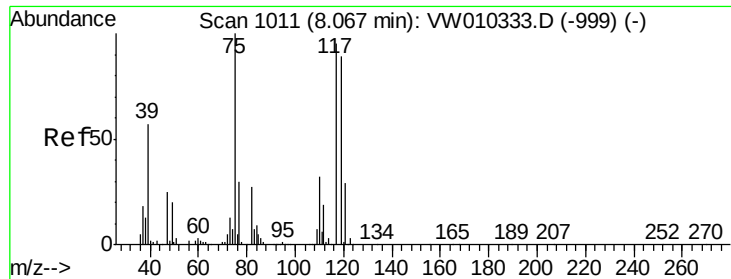
MMDadoda
5/11/2019 12:12:24 PM



#36
1,1-Dichloropropene
Concen: 43.908 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	83484		
110	32.4	16.6	49.8	
77	30.9	24.8	37.2	





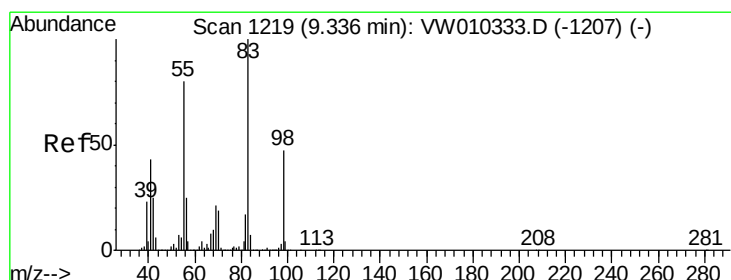
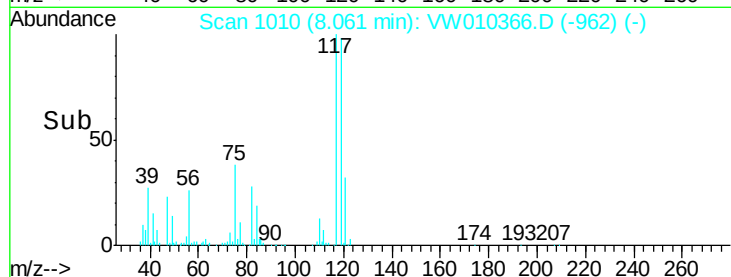
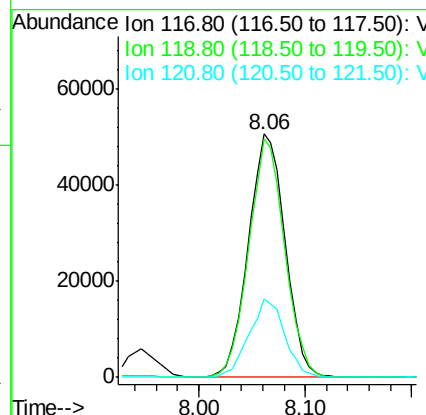
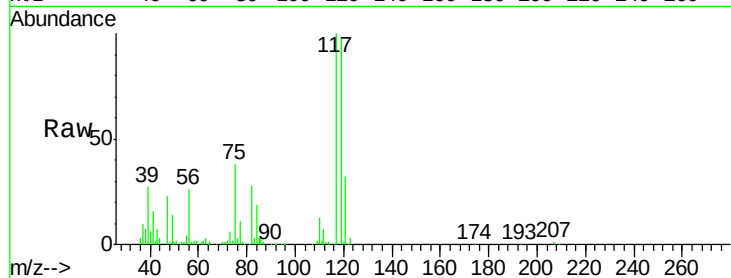
#38
Carbon Tetrachloride
Concen: 75.222 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	122602		
119	98.0	75.3	112.9	
121	32.1	24.4	36.6	

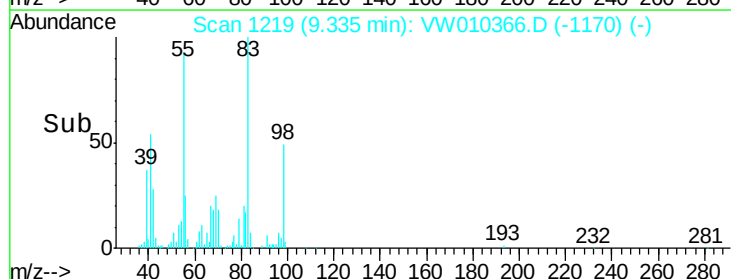
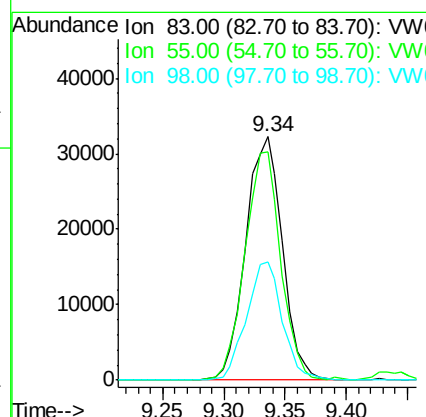
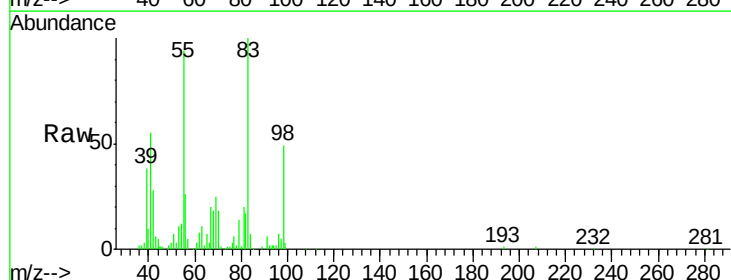
Manual Integrations
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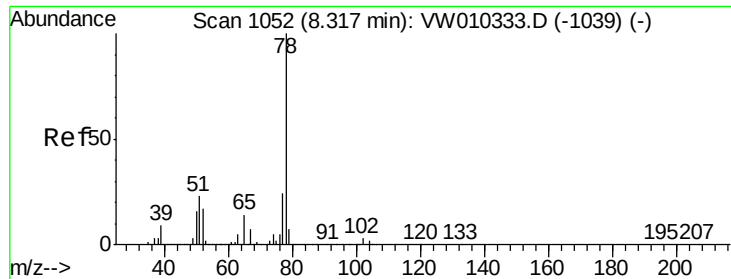
MMDadoda
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#39
Methylcyclohexane
Concen: 28.970 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	67383		
55	93.6	67.1	100.7	
98	48.7	39.2	58.8	





#40

Benzene

Concen: 66.512 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

Tot Ion: 78 Resp: 346335

Ion Ratio Lower Upper

78 100

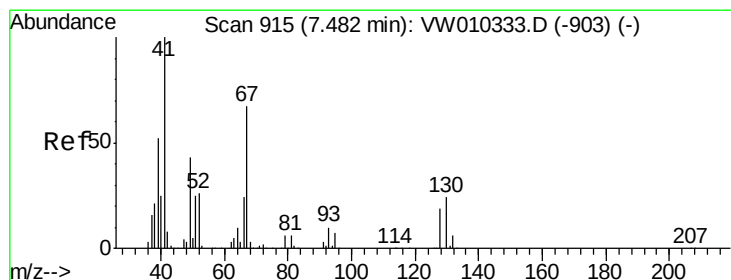
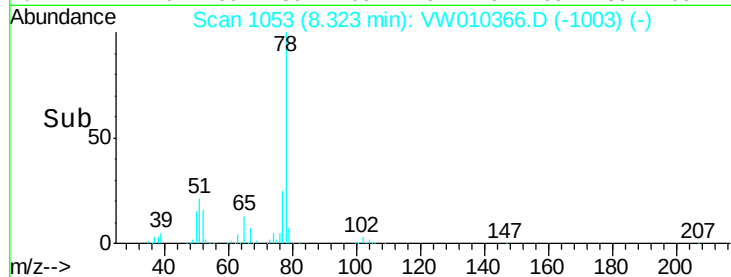
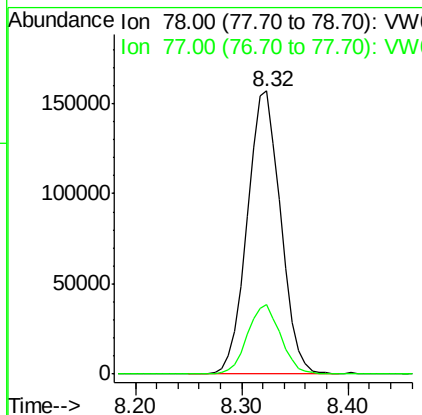
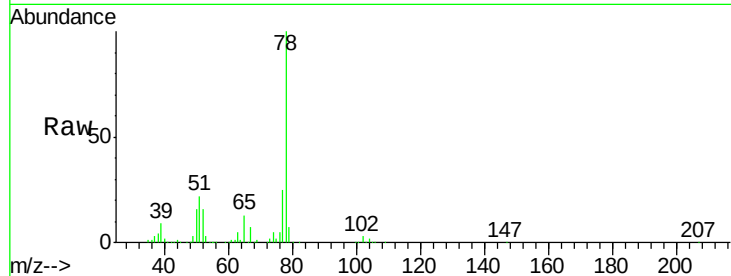
77 24.8 19.1 28.7

Manual Integrations

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MMDadoda

5/11/2019 12:12:24 PM



#41

Methacrylonitrile

Concen: 15.805 ug/l m

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Tgt Ion: 41 Resp: 8973

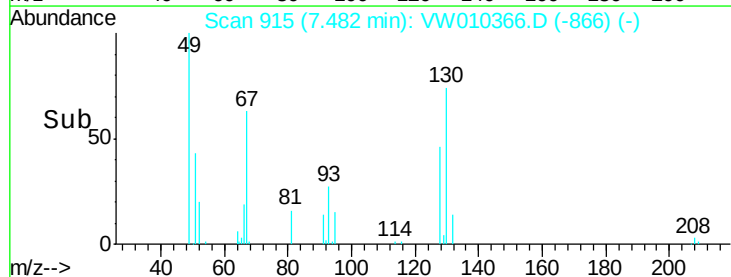
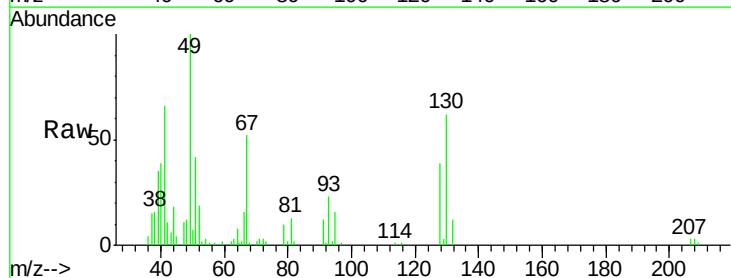
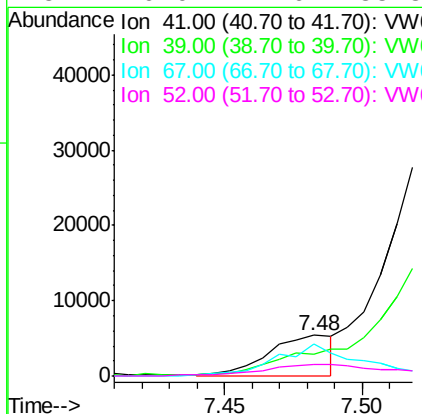
Ion Ratio Lower Upper

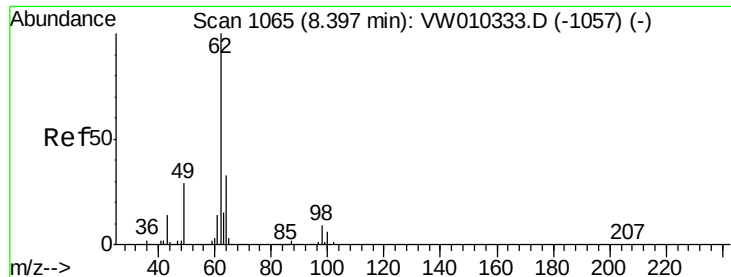
41 100

39 644.3 45.0 67.4#

67 0.0 50.7 76.1#

52 0.0 22.6 33.8#





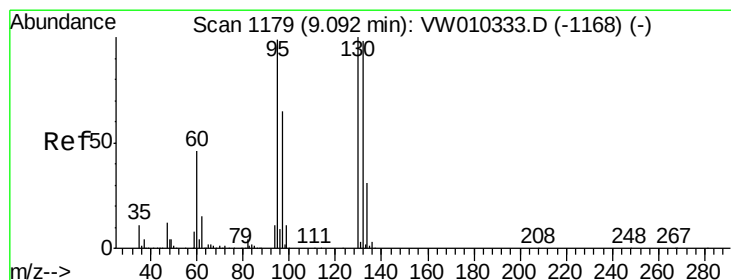
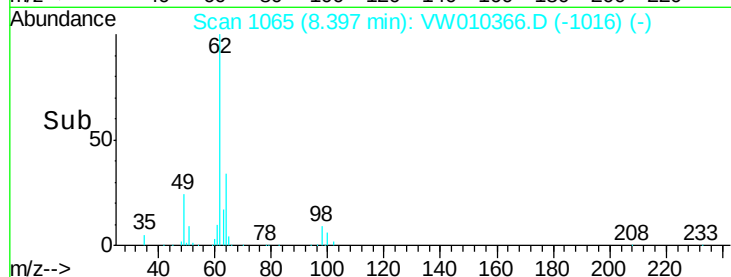
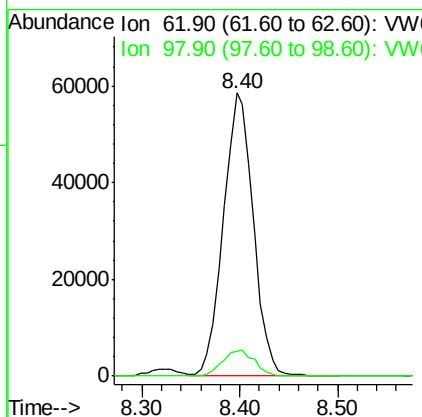
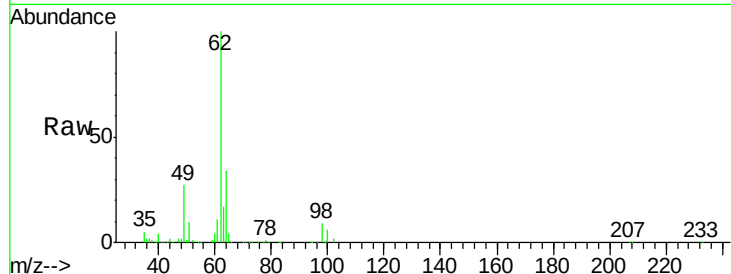
#42
1,2-Dichloroethane
Concen: 83.246 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

Tot Ion	Ratio	Resp	Lower	Upper
62	100	124077		
98	9.8	0.0	16.6	

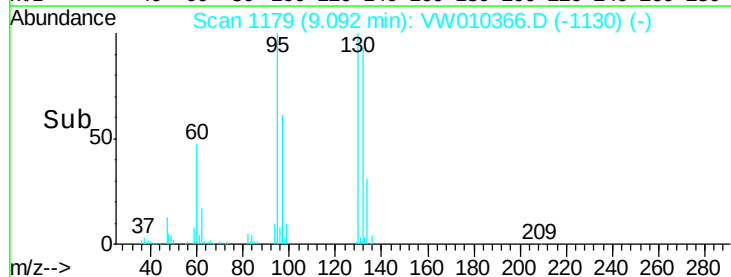
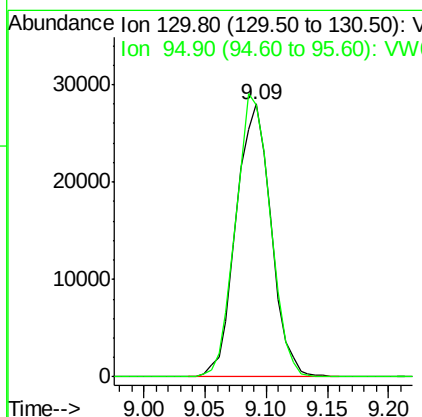
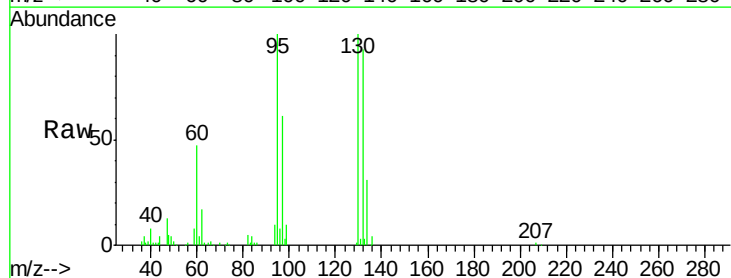
Manual Integrations
APPROVED

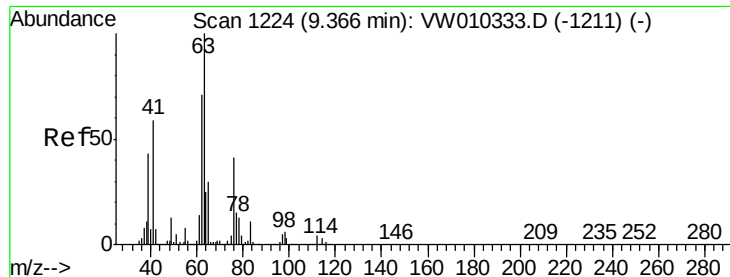
MMDadoda
5/11/2019 12:12:24 PM



#44
Trichloroethene
Concen: 42.572 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	55497		
95	99.6	0.0	205.4	





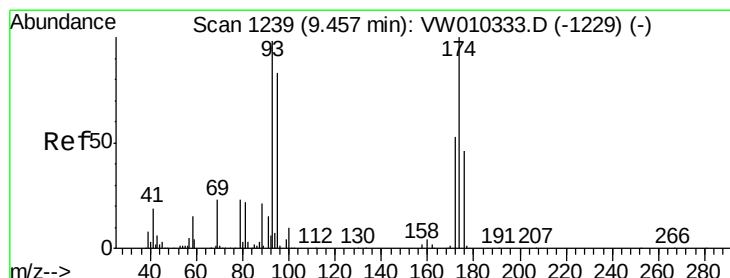
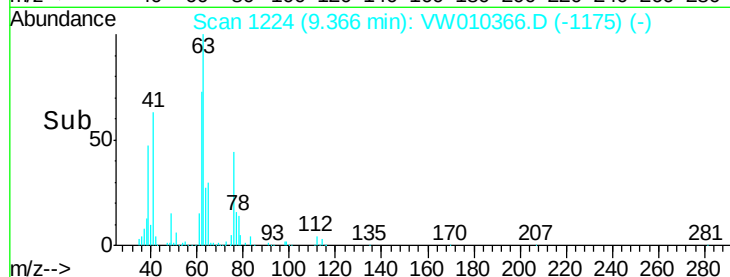
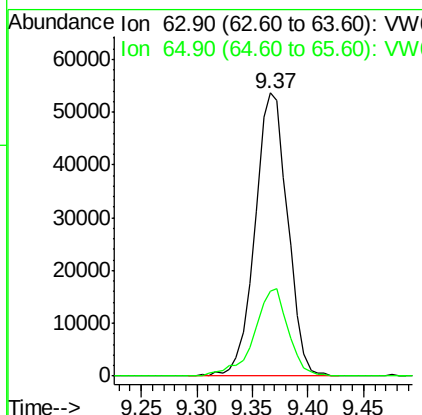
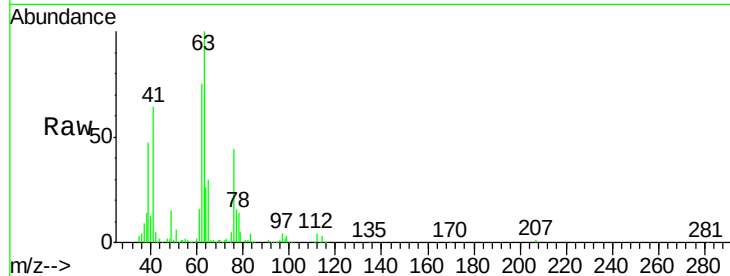
#45
 1,2-Dichloropropane
 Concen: 84.582 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

Tot Ion	63	Resp	109478
Ion	Ratio	Lower	Upper
63	100		
65	29.8	23.8	35.6

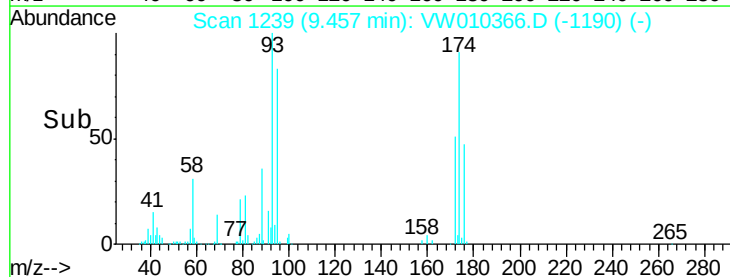
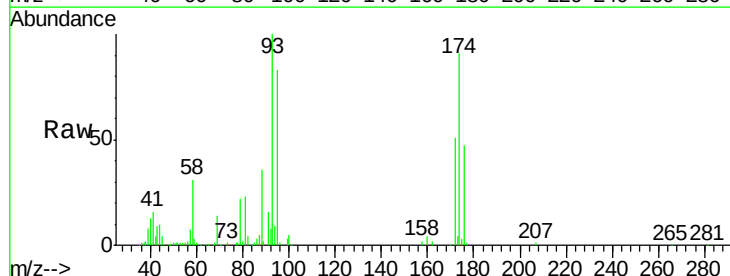
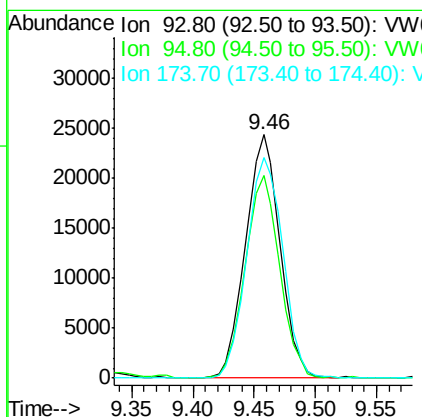
Manual Integrations
 APPROVED

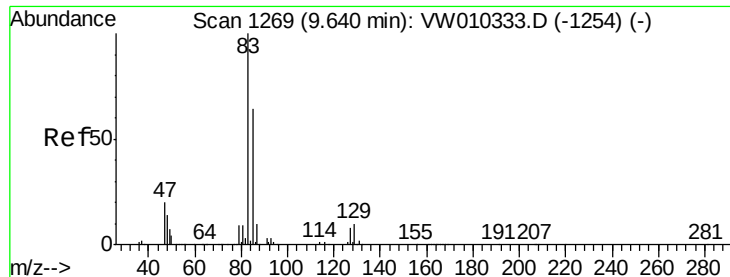
MMDadoda
 5/11/2019 12:12:24 PM



#46
 Dibromomethane
 Concen: 71.809 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Tgt Ion	93	Resp	48016
Ion	Ratio	Lower	Upper
93	100		
95	83.2	65.8	98.8
174	94.5	75.5	113.3





#47

Bromodichloromethane

Concen: 76.070 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

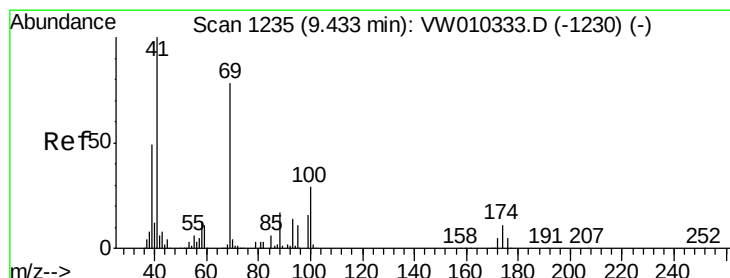
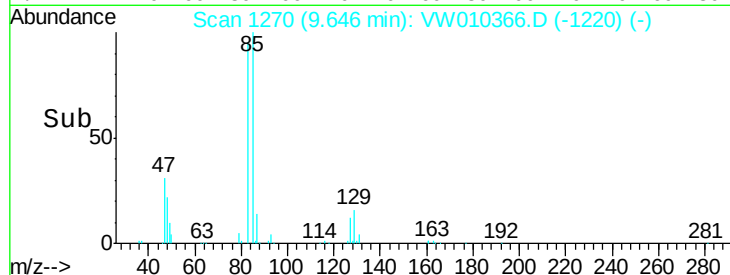
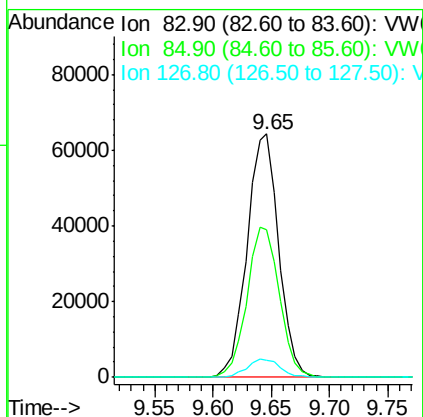
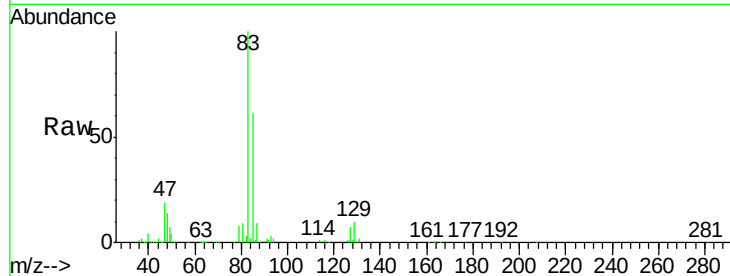
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion	83	Resp	122015
Ion	Ratio	Lower	Upper
83	100		
85	60.9	50.6	75.8
127	7.2	6.6	10.0

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#48

Methyl methacrylate

Concen: 31.080 ug/l

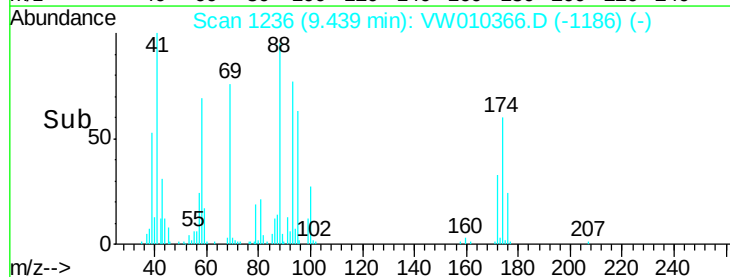
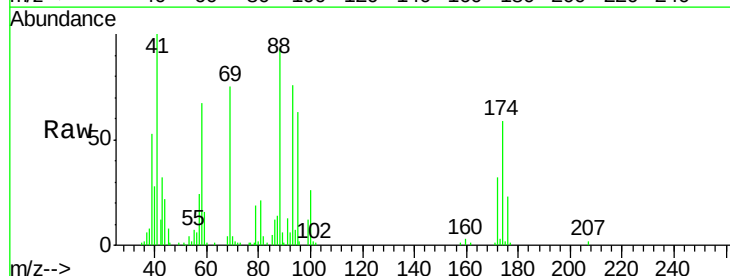
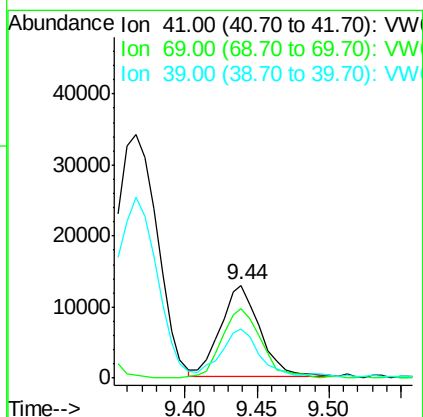
RT: 9.44 min Scan# 1236

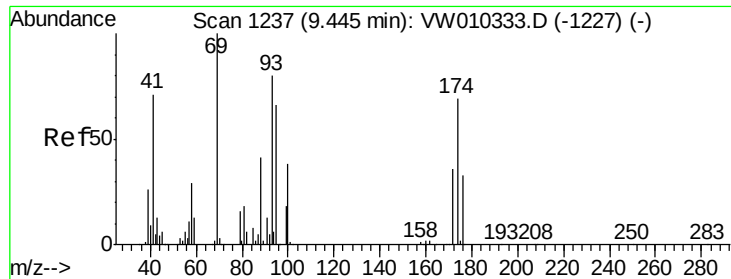
Delta R.T. 0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Tgt Ion	41	Resp	24673
Ion	Ratio	Lower	Upper
41	100		
69	77.9	60.1	90.1
39	46.8	51.0	76.6#





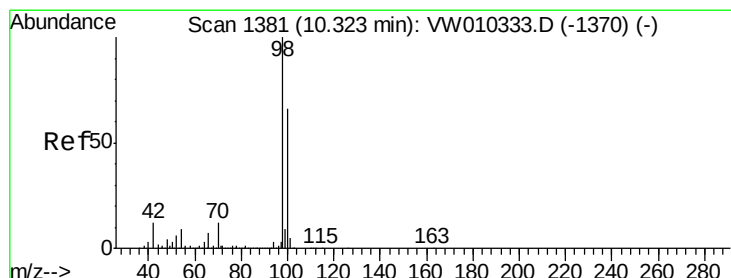
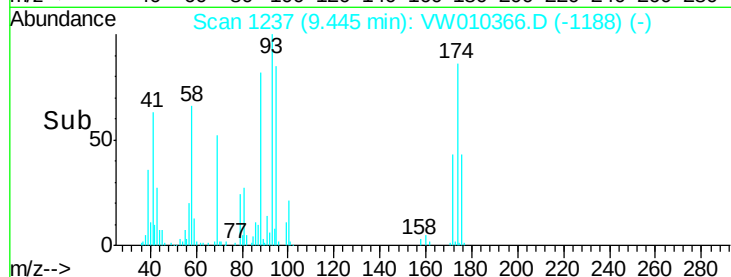
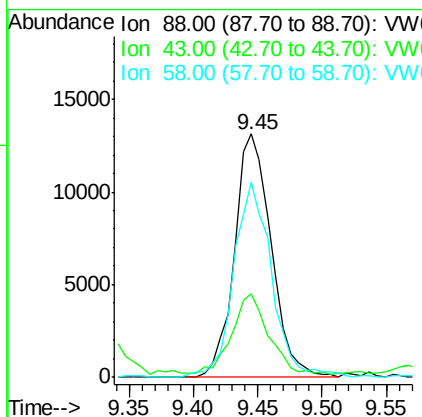
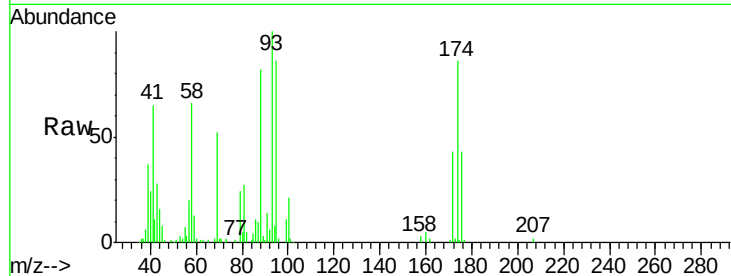
#49
1,4-Dioxane
Concen: 2226.746 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	33.9		31.9	47.9
58	83.3		61.8	92.6

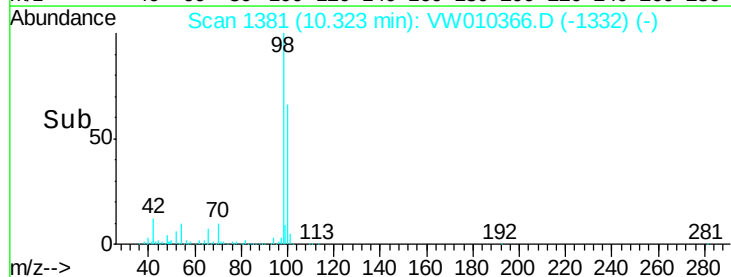
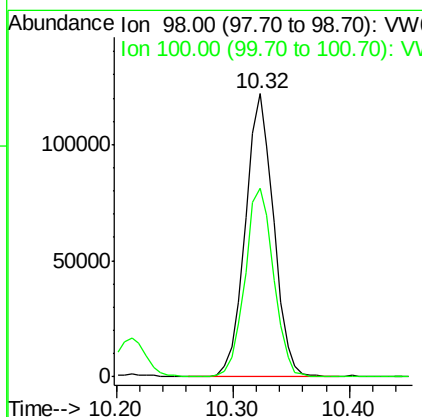
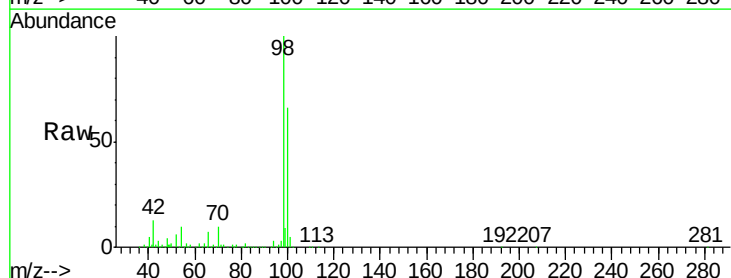
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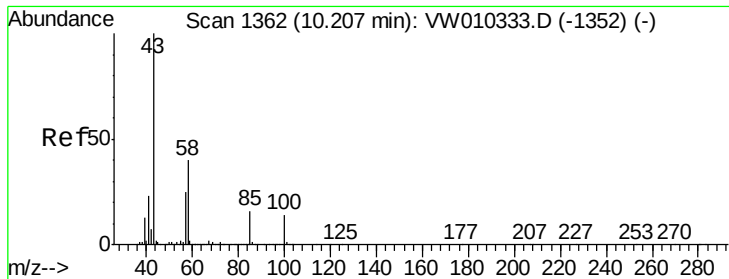
MMDadoda
5/11/2019 12:12:24 PM



#50
Toluene-d8
Concen: 49.385 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	67.3		52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 231.563 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

Tot Ion: 43 Resp: 222931

Ion Ratio Lower Upper

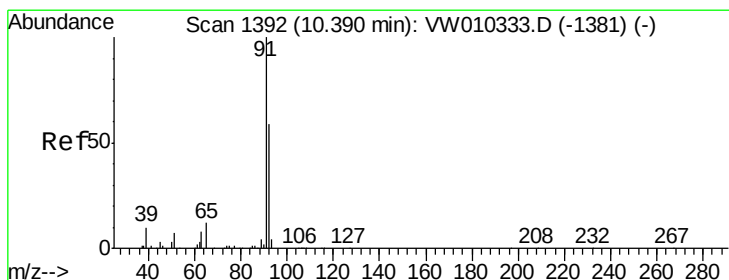
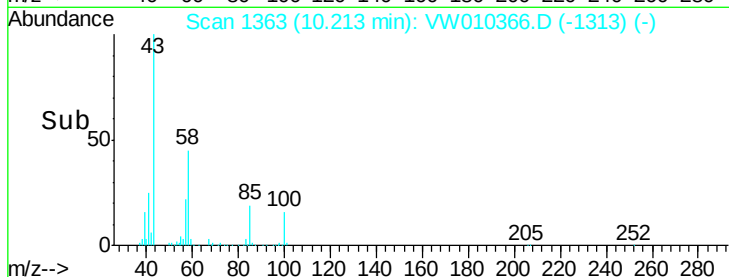
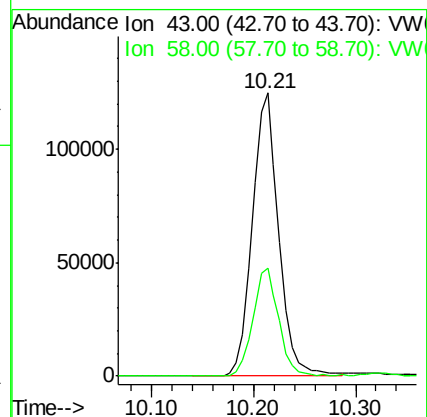
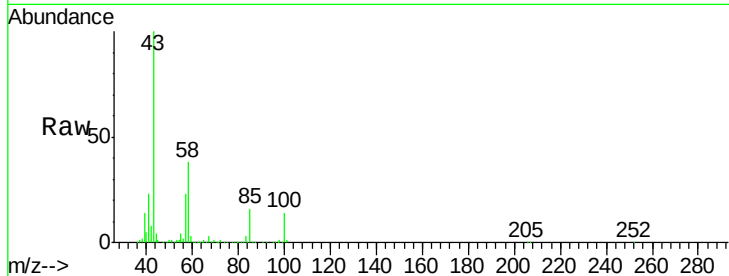
43 100

58 37.7 28.9 43.3

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#52

Toluene

Concen: 47.419 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010366.D

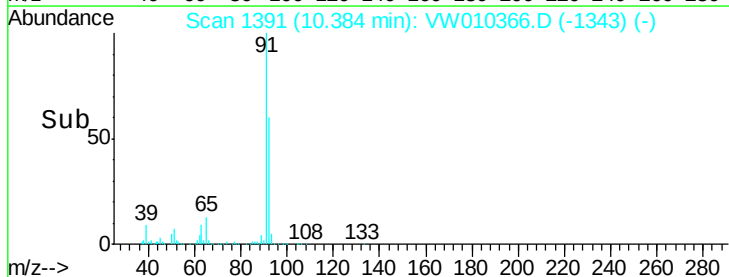
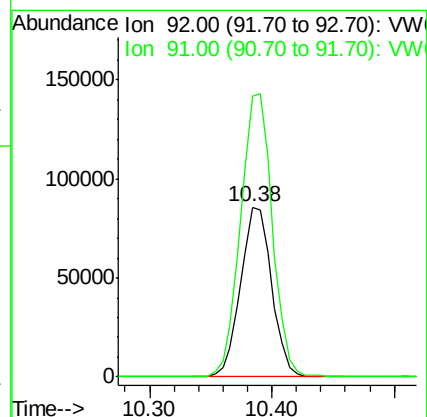
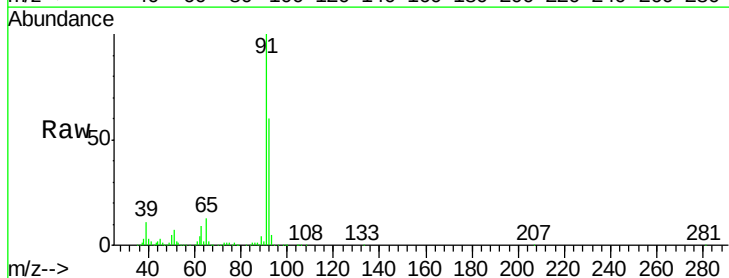
Acq: 10 May 2019 19:56

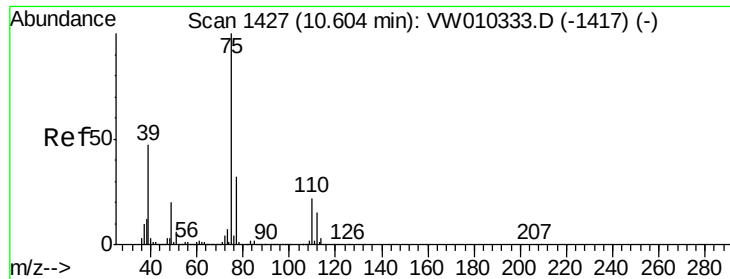
Tgt Ion: 92 Resp: 150919

Ion Ratio Lower Upper

92 100

91 170.4 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 29.554 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

Tot Ion: 75 Resp: 48016

Ion Ratio Lower Upper

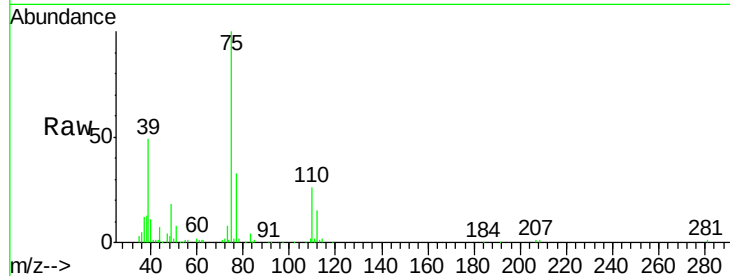
75 100

77 31.3 26.9 40.3

Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

25000

20000

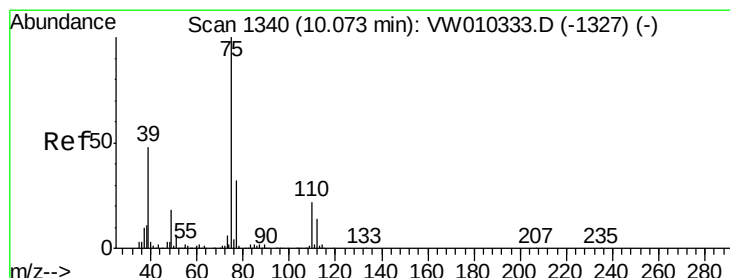
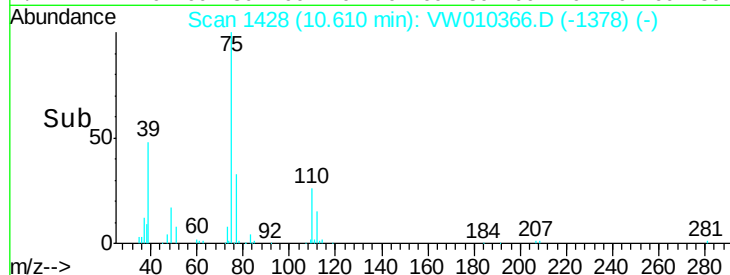
15000

10000

5000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 30.928 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

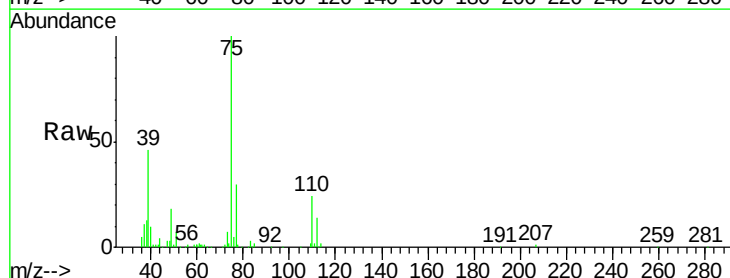
Tgt Ion: 75 Resp: 59510

Ion Ratio Lower Upper

75 100

77 30.2 25.6 38.4

39 45.5 47.8 71.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.07

40000

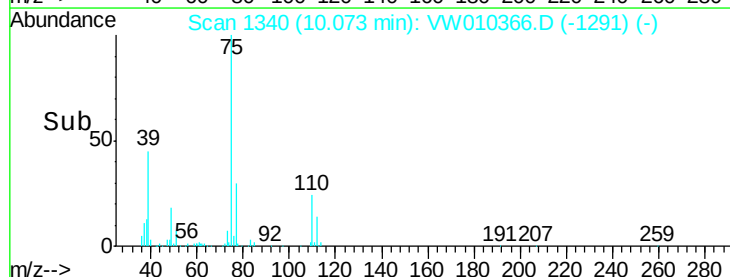
30000

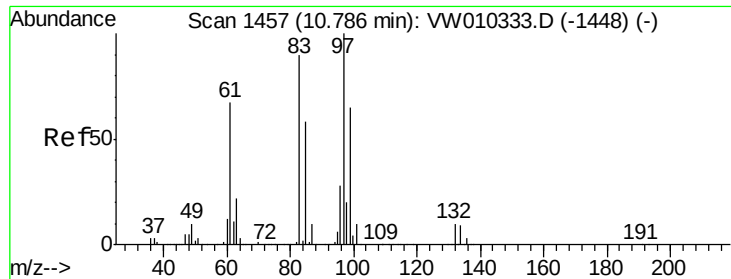
20000

10000

0

Time-->





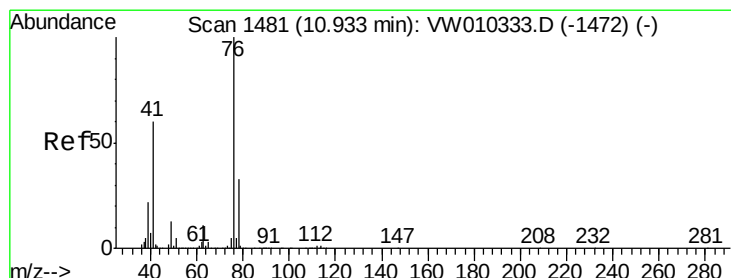
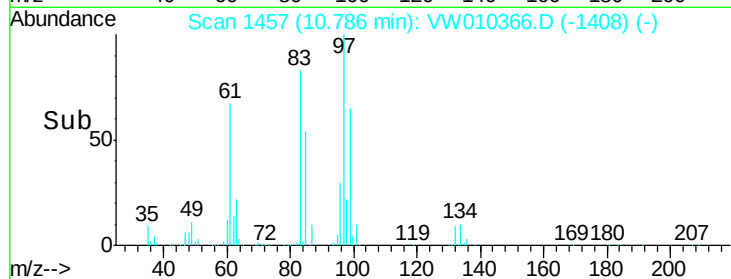
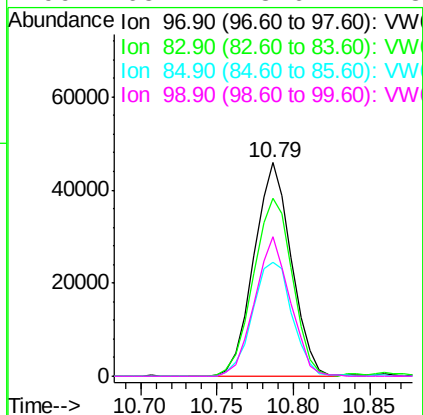
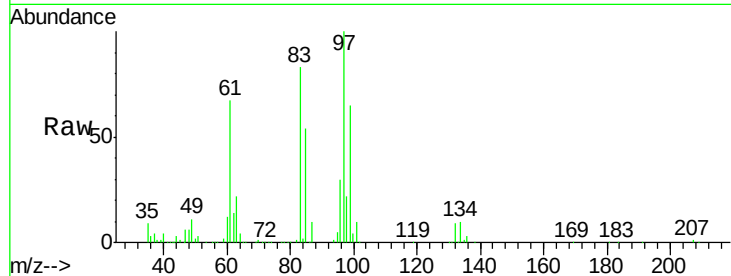
#55
 1,1,2-Trichloroethane
 Concen: 82.283 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

Tot Ion:	97	Resp:	78146
Ion	Ratio	Lower	Upper
97	100		
83	83.1	68.9	103.3
85	53.6	42.9	64.3
99	65.2	48.6	72.8

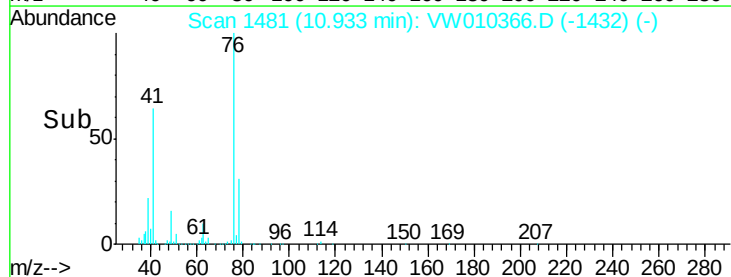
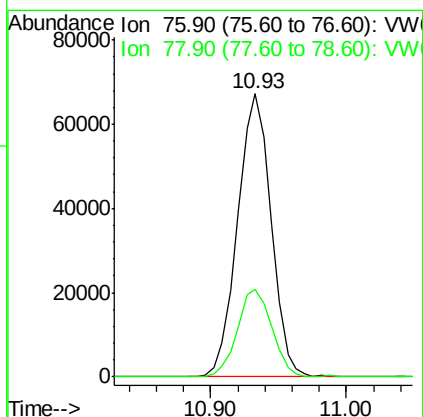
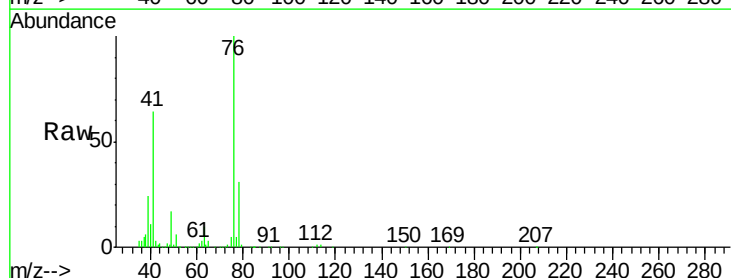
Manual Integrations
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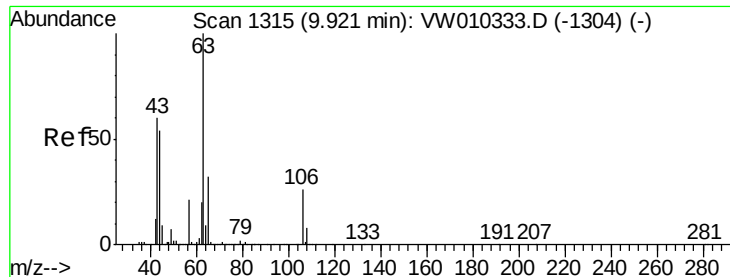
MMDadoda
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#57
 1,3-Dichloropropane
 Concen: 68.218 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Tgt Ion:	76	Resp:	115823
Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.8	38.8





#58

2-Chloroethyl Vinyl ether

Concen: 202.924 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

Tot Ion: 63 Resp: 121850

Ion Ratio Lower Upper

63 100

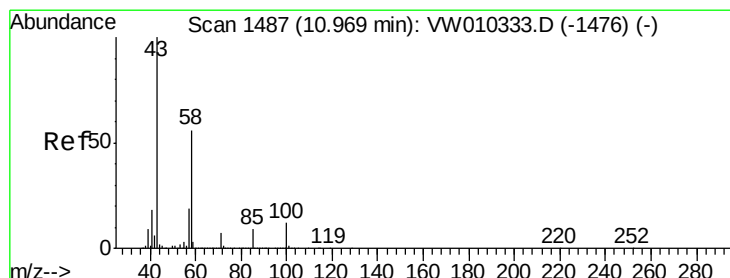
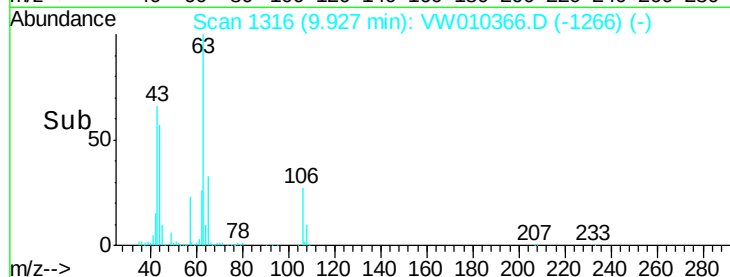
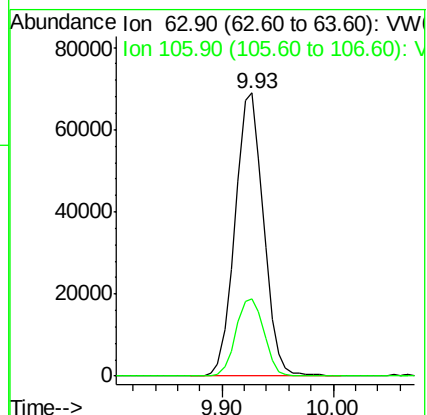
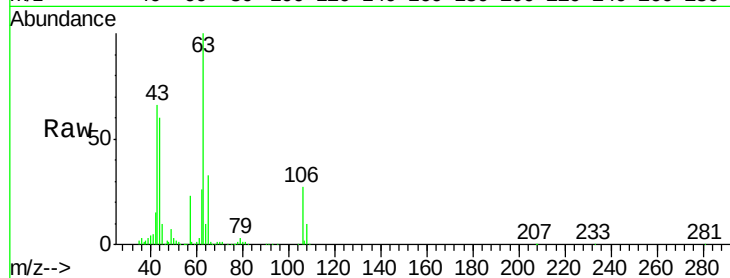
106 26.8 21.4 32.0

Manual Integrations

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#59

2-Hexanone

Concen: 65.449 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW010366.D

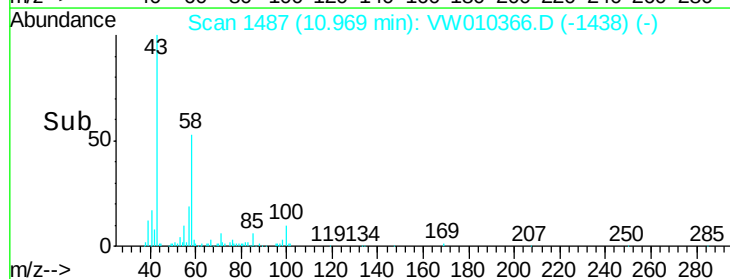
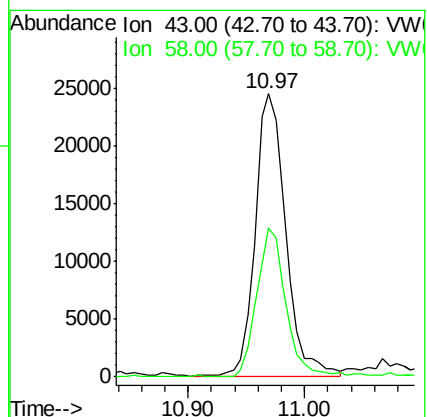
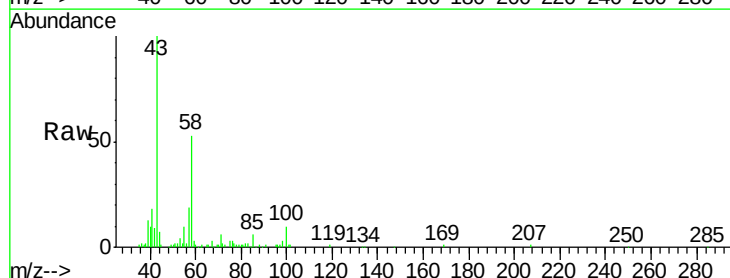
Acq: 10 May 2019 19:56

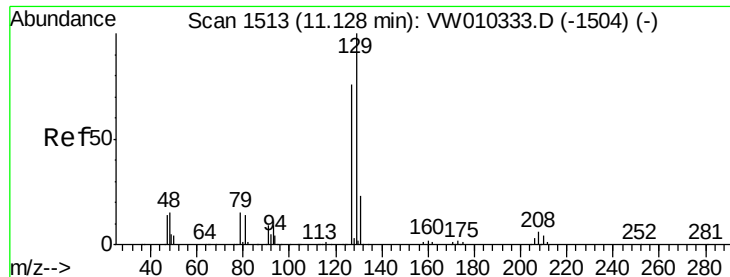
Tgt Ion: 43 Resp: 44550

Ion Ratio Lower Upper

43 100

58 51.1 24.9 74.7





#60

Dibromochloromethane

Concen: 67.181 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:129 Resp: 68657

Ion Ratio Lower Upper

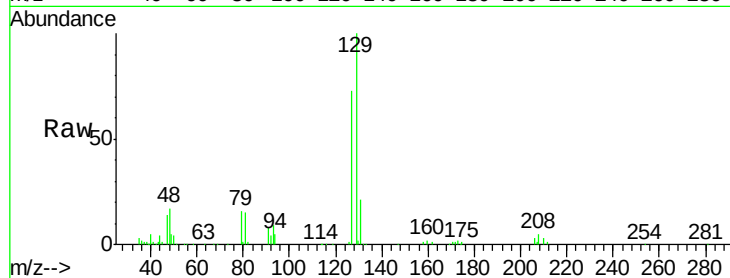
129 100

127 76.8 38.6 116.0

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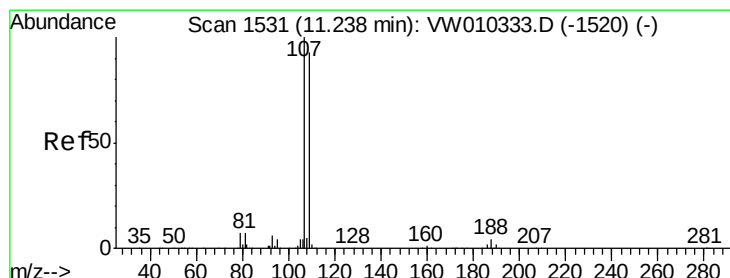
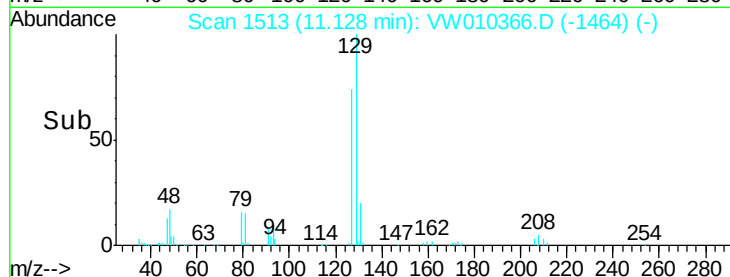
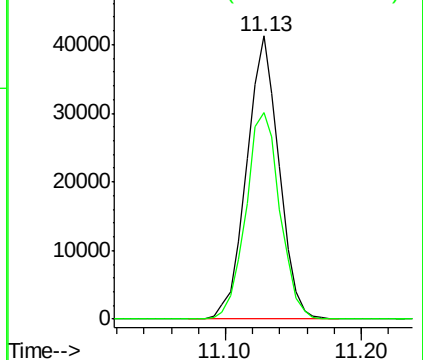
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.193 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW010366.D

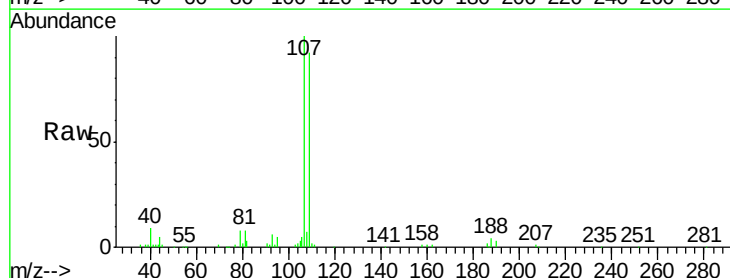
Acq: 10 May 2019 19:56

Tgt Ion:107 Resp: 45761

Ion Ratio Lower Upper

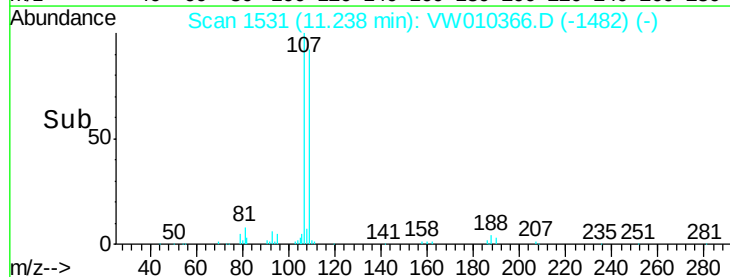
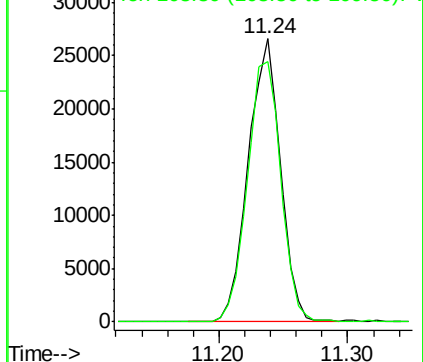
107 100

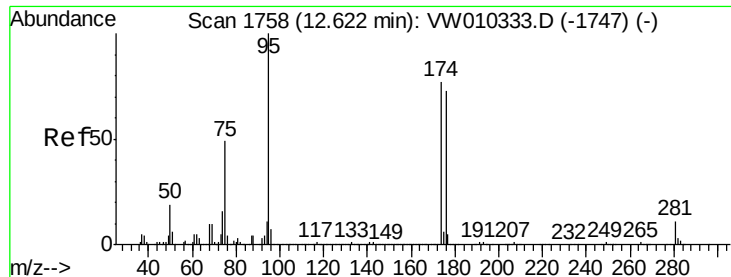
109 95.6 73.6 110.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 19.176 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

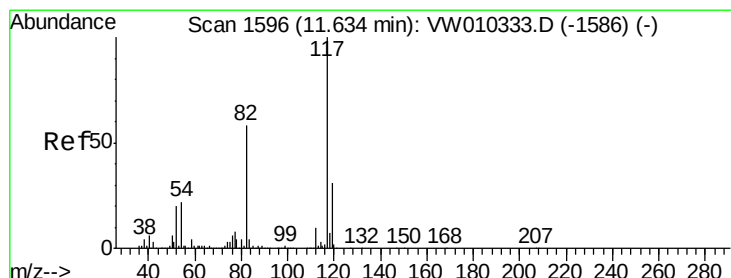
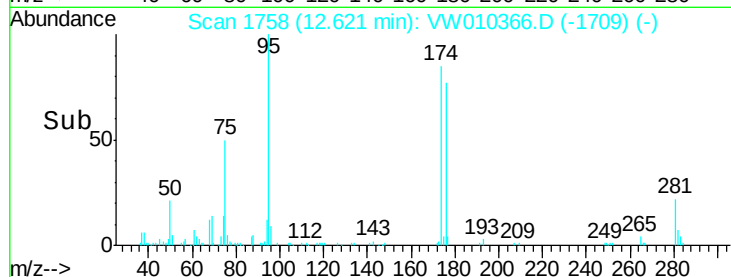
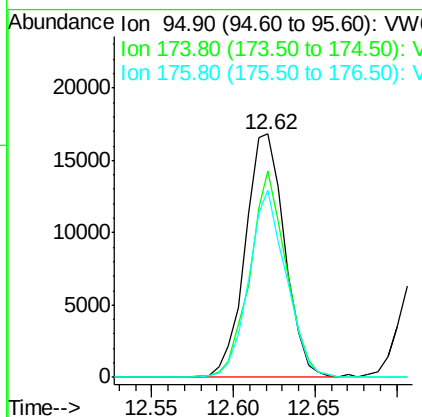
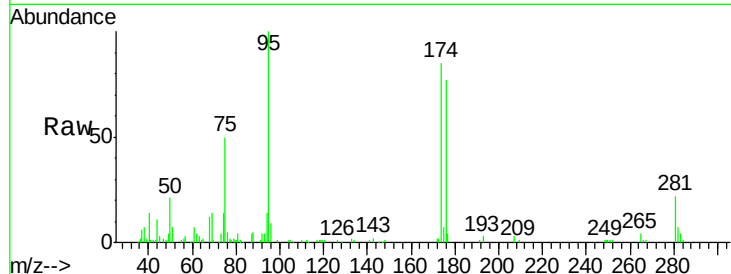
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	95	Resp:	28206
Ion Ratio	Lower	Upper	
95	100		
174	78.4	0.0	151.4
176	72.9	0.0	146.2

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

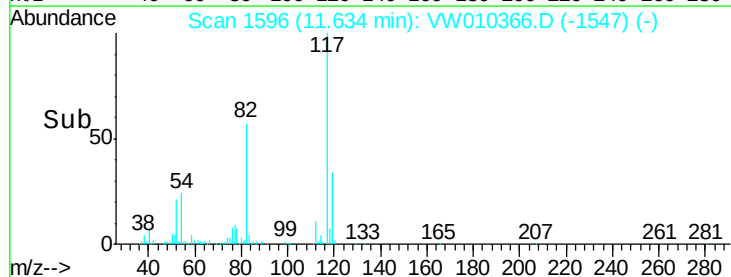
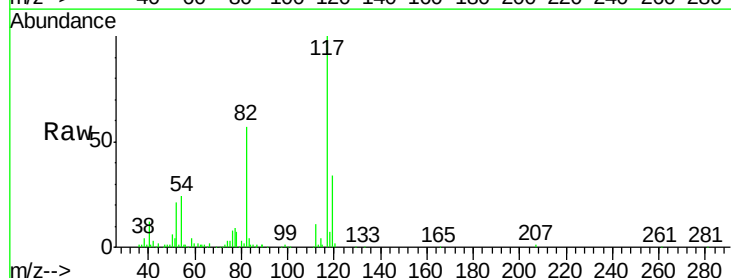
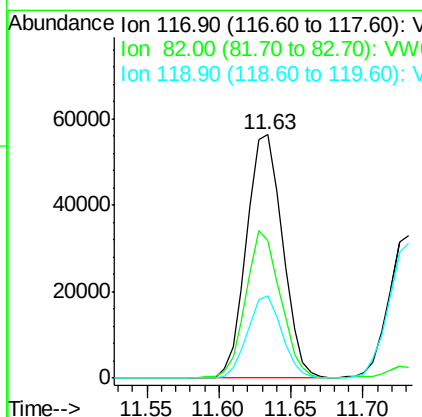
RT: 11.63 min Scan# 1596

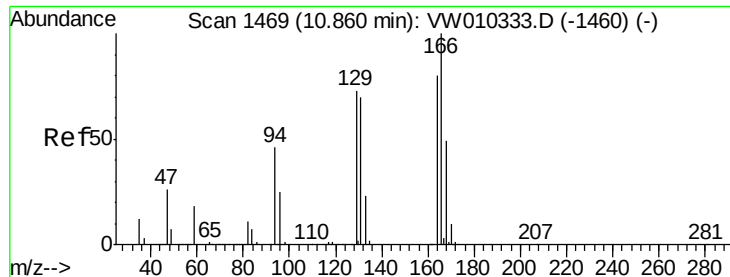
Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Tgt Ion:	117	Resp:	97553
Ion Ratio	Lower	Upper	
117	100		
82	56.5	45.2	67.8
119	34.0	25.4	38.2





#64

Tetrachloroethene

Concen: 66.958 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:164 Resp: 45654

Ion Ratio Lower Upper

164 100

166 120.0 101.2 151.8

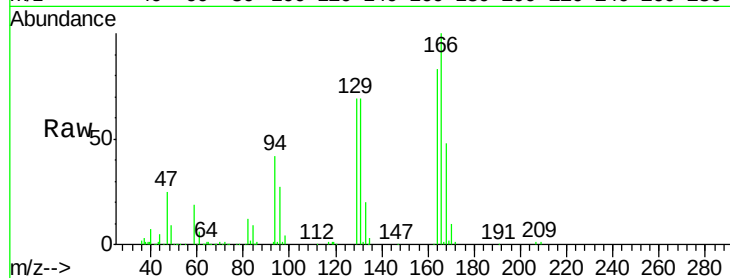
129 83.1 77.8 116.6

131 82.2 73.1 109.7

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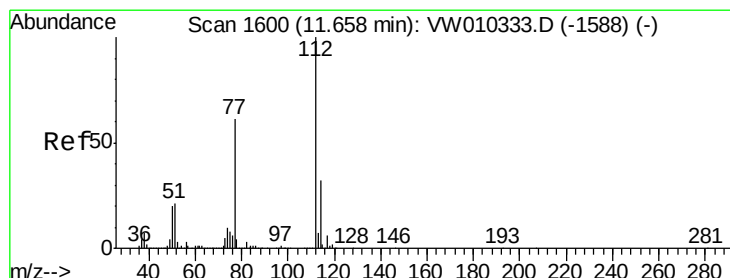
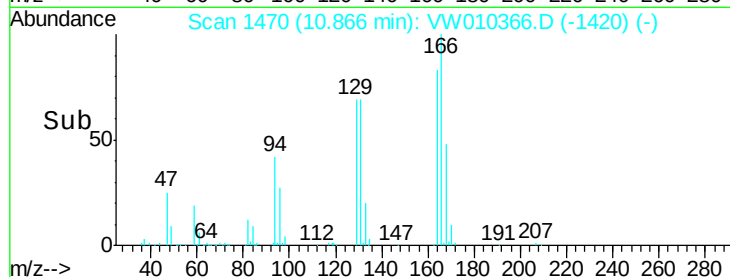
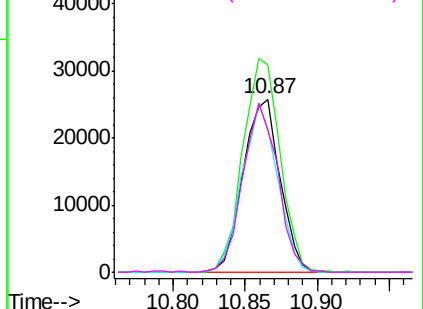


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.393 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010366.D

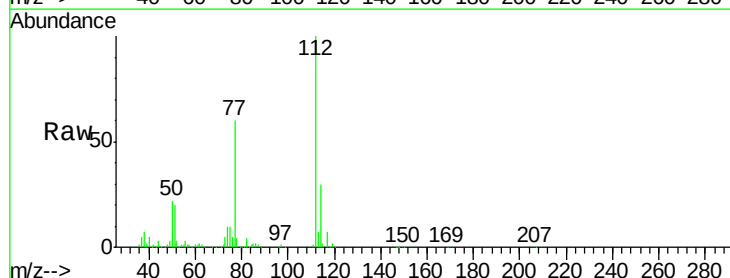
Acq: 10 May 2019 19:56

Tgt Ion:112 Resp: 95705

Ion Ratio Lower Upper

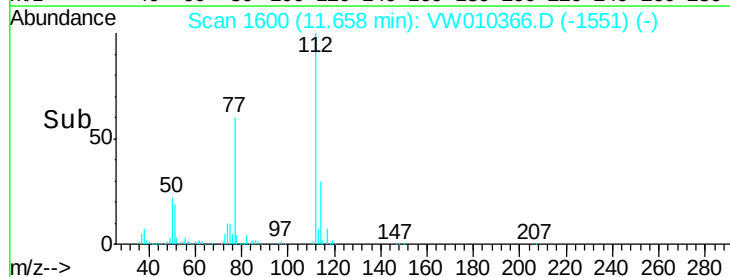
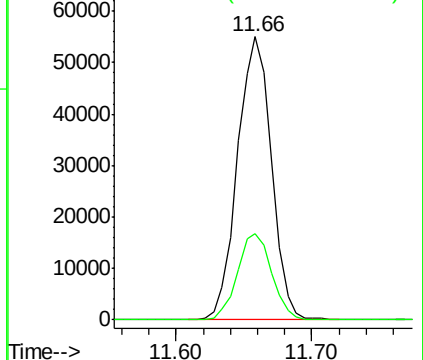
112 100

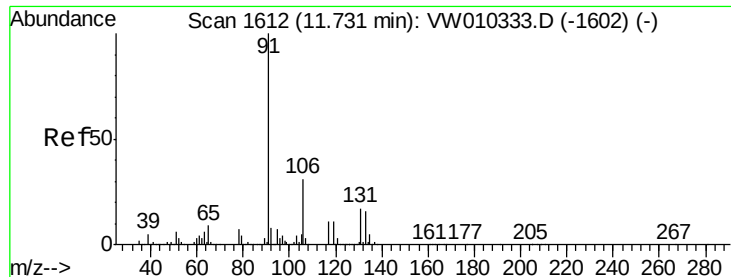
114 30.5 26.5 39.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 116.370 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

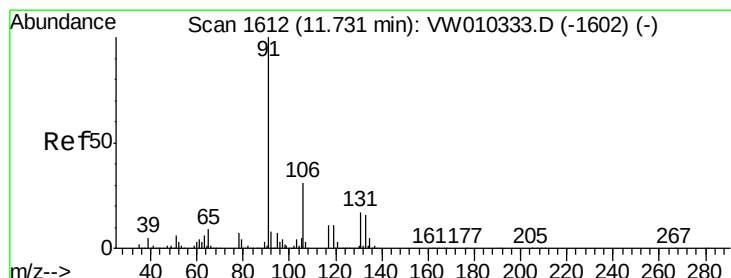
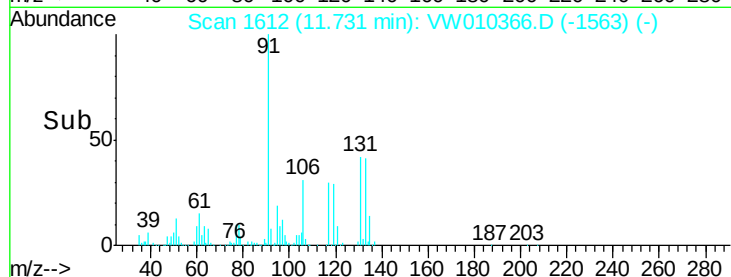
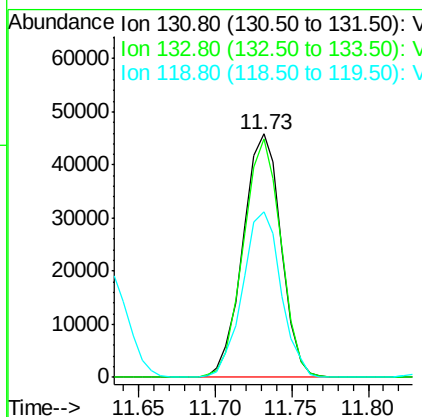
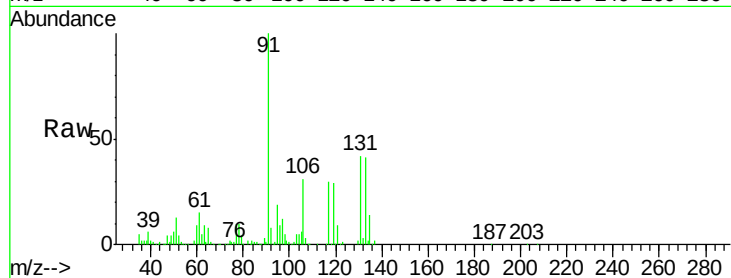
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	131	Resp:	79426
Ion Ratio	Lower	Upper	
131	100		
133	96.4	46.5	139.5
119	68.7	31.9	95.5

Manual Integrations
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#67

Ethyl Benzene

Concen: 46.342 ug/l

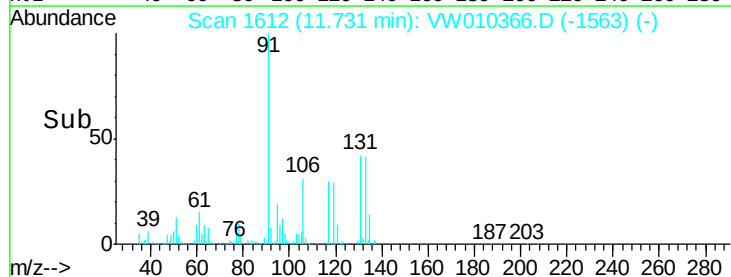
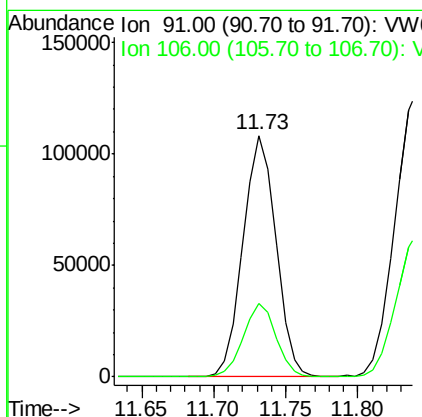
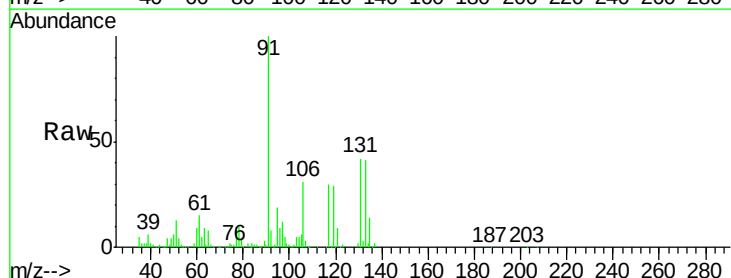
RT: 11.73 min Scan# 1612

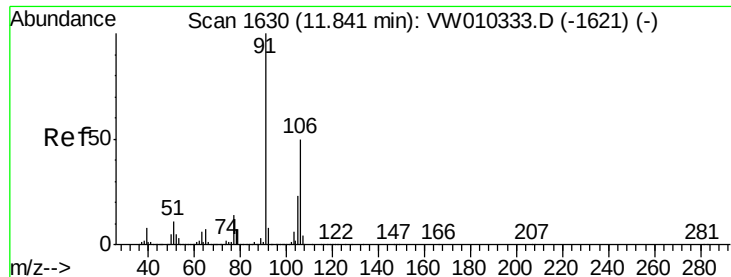
Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Tgt Ion:	91	Resp:	172156
Ion Ratio	Lower	Upper	
91	100		
106	30.5	23.8	35.8





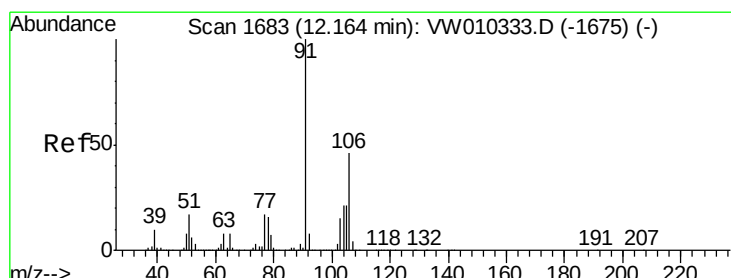
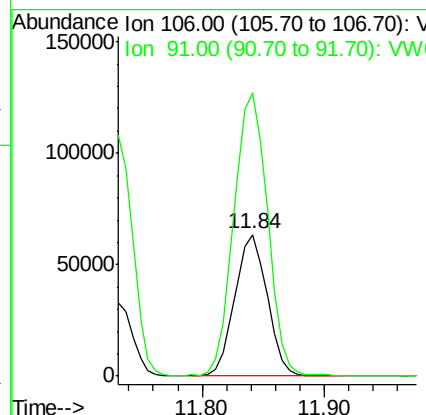
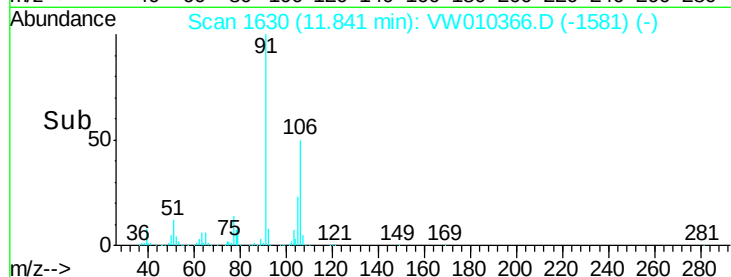
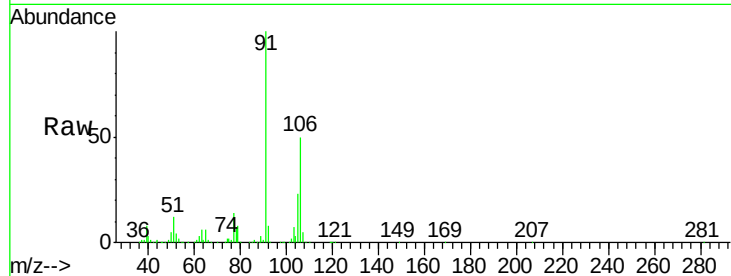
#68
m/p-Xylenes
Concen: 84.718 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

Tot Ion:106 Resp: 116933
Ion Ratio Lower Upper
106 100
91 207.0 165.0 247.6

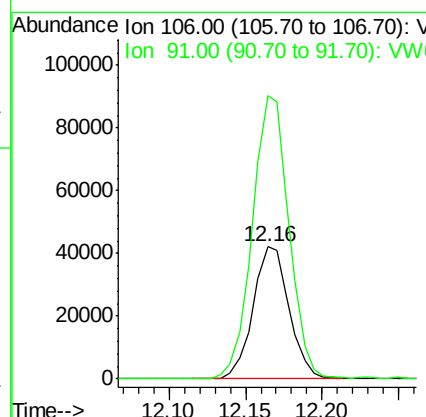
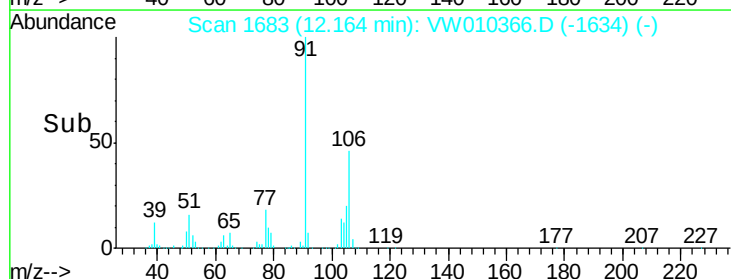
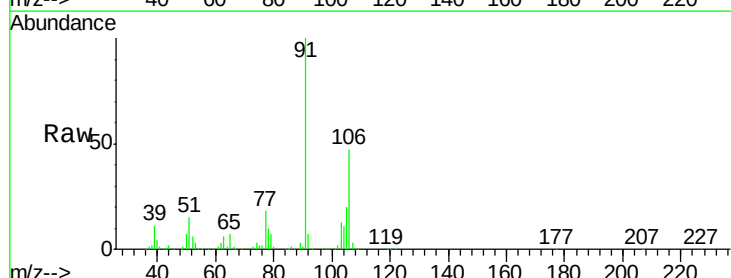
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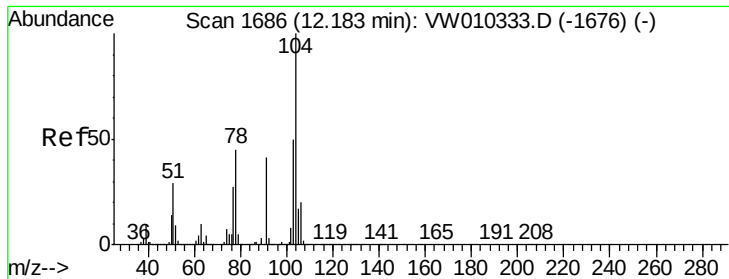
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#69
o-Xylene
Concen: 55.182 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion:106 Resp: 68899
Ion Ratio Lower Upper
106 100
91 217.1 110.5 331.4





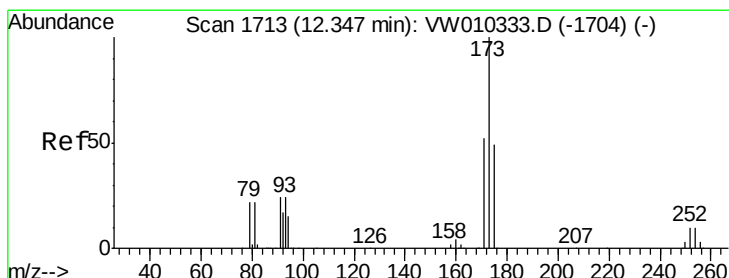
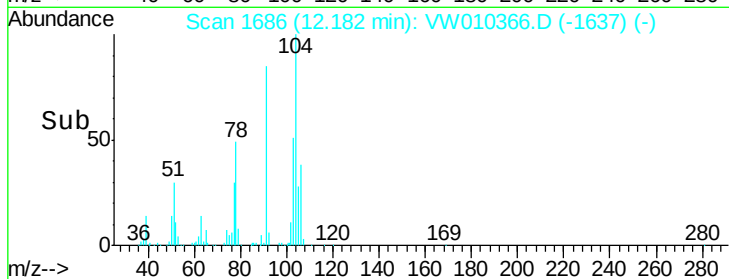
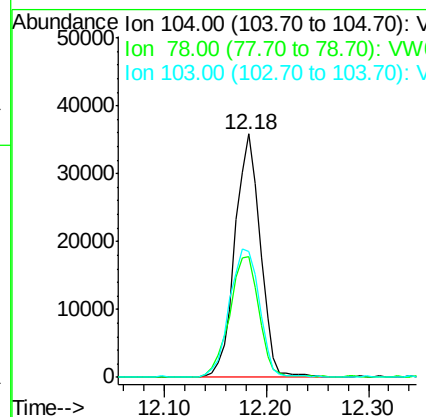
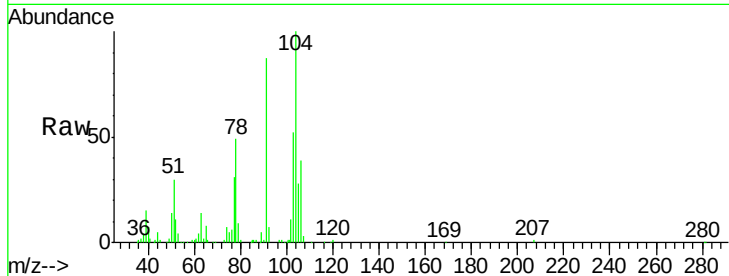
#70
Stvrene
Concen: 28.245 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	58.3	42.5	63.7
103	62.6	43.6	65.4

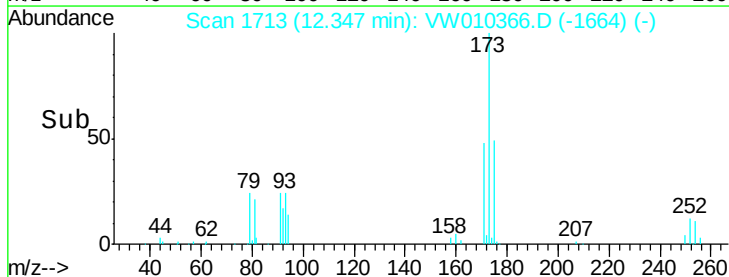
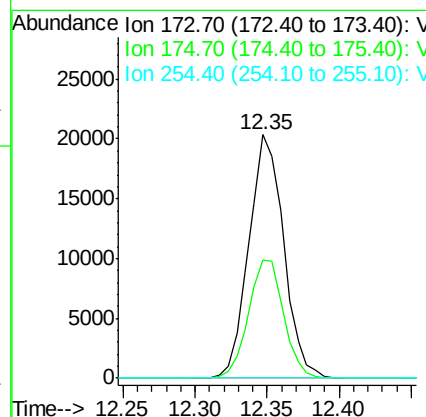
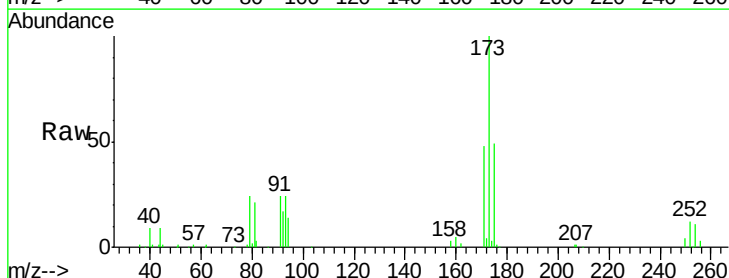
Manual Integrations
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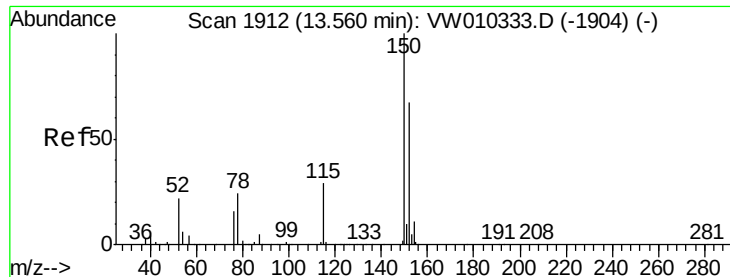
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#71
Bromoform
Concen: 87.125 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.8	71.4
254	0.1	0.1	0.1#





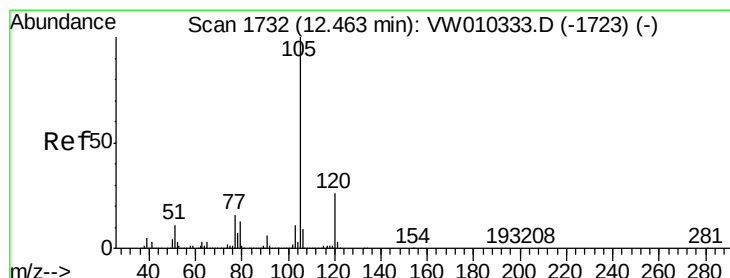
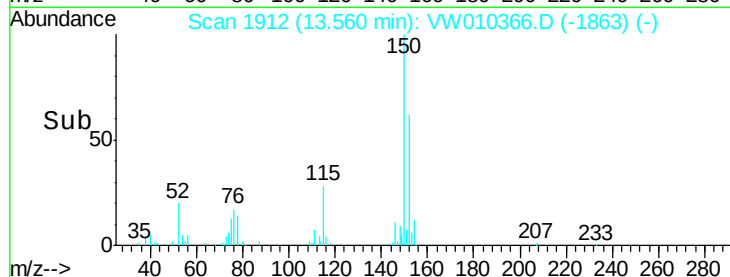
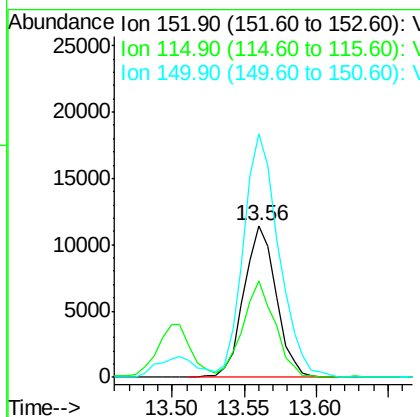
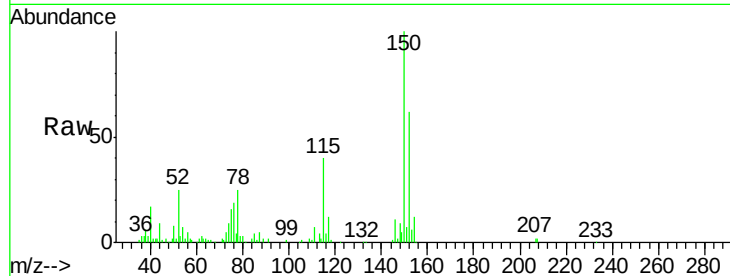
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.8	30.4	91.2
150	175.9	0.0	347.0

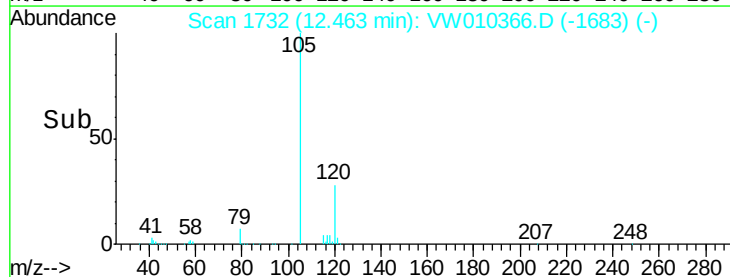
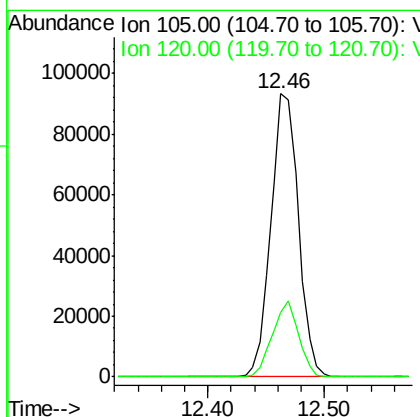
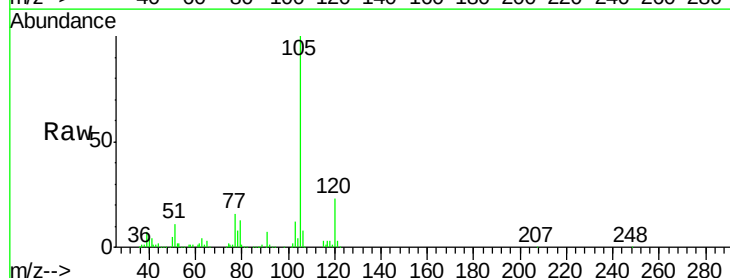
Manual Integrations
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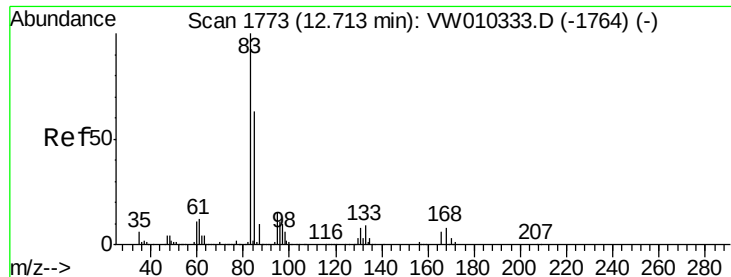
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#73
 Isopropylbenzene
 Concen: 117.715 ug/l
 RT: 12.46 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.1	39.1





#75

1,1,2,2-Tetrachloroethane

Concen: 322.647 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

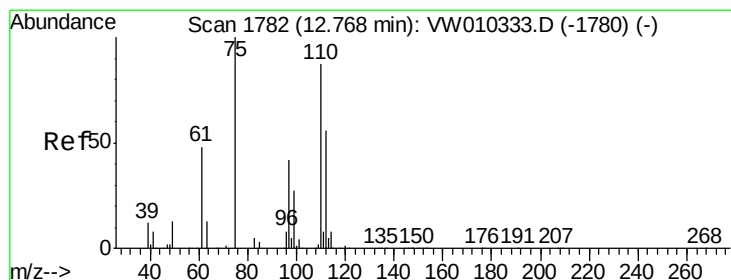
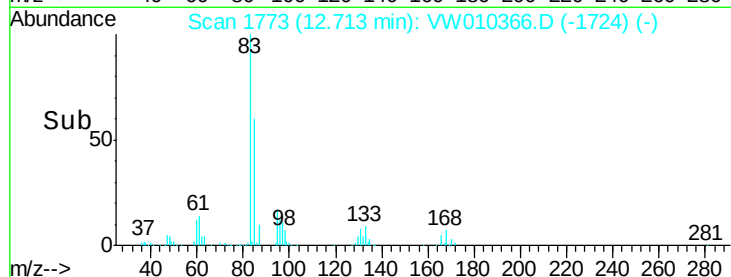
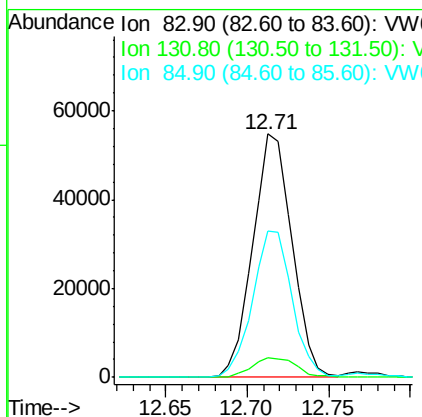
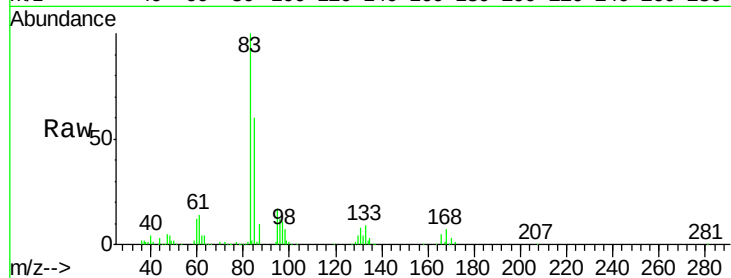
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	83	Resp:	91640
Ion Ratio	Lower	Upper	
83	100		
131	9.0	5.3	15.8
85	60.4	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 239.917 ug/l m

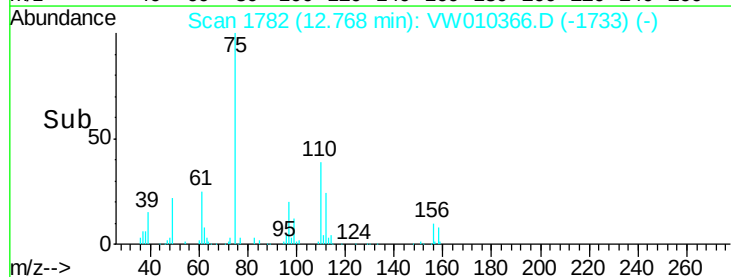
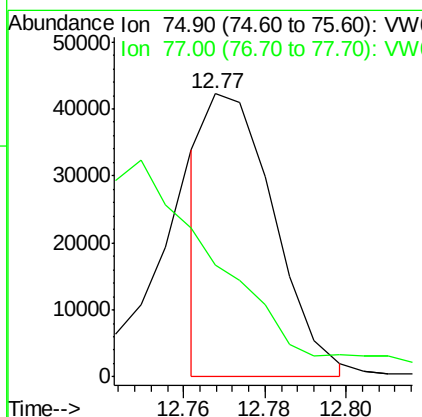
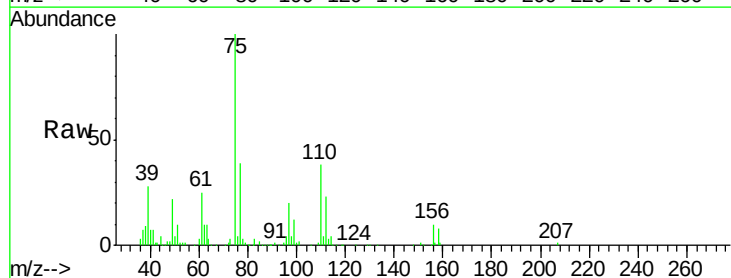
RT: 12.77 min Scan# 1782

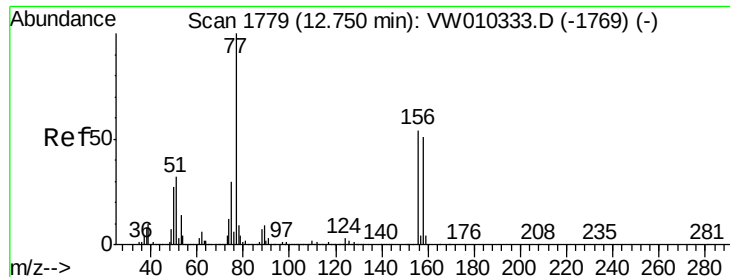
Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Tgt Ion:	75	Resp:	49469
Ion Ratio	Lower	Upper	
75	100		
77	159.1	0.0	0.0#





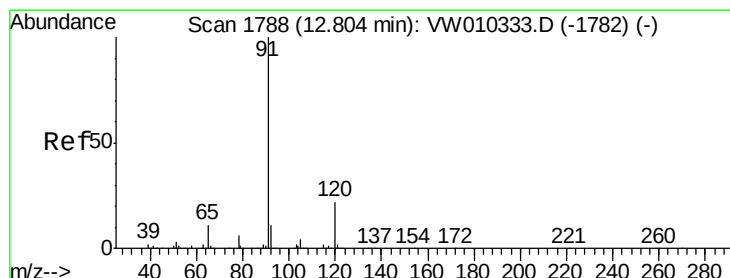
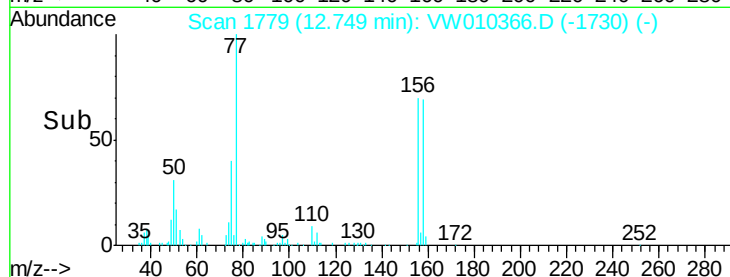
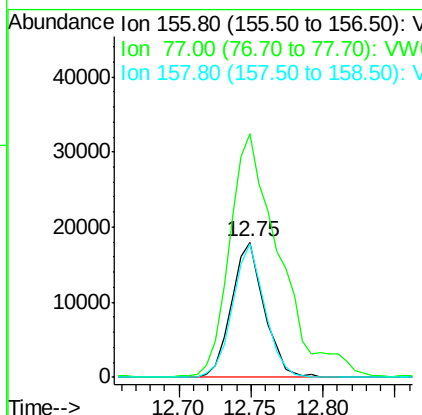
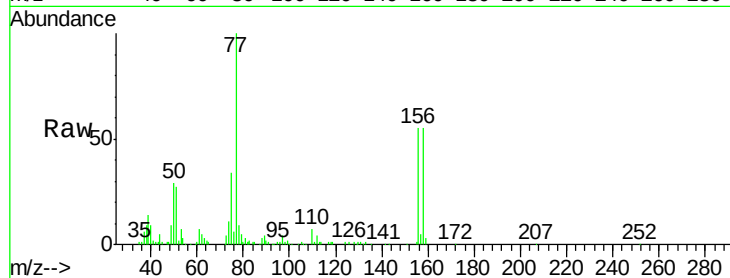
#77
Bromobenzene
Concen: 98.250 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

Tot Ion	Ratio	Lower	Upper
156	100		
77	275.2	102.5	307.4
158	96.5	48.8	146.4

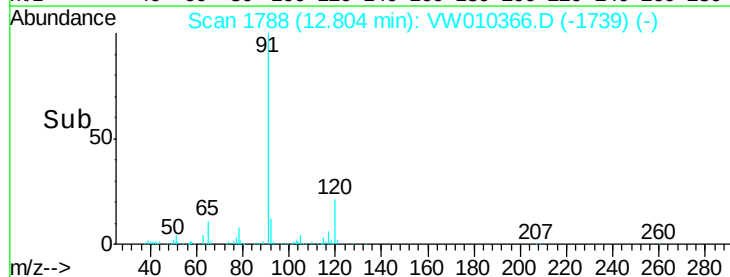
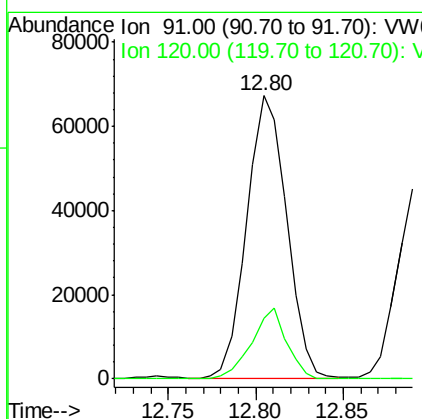
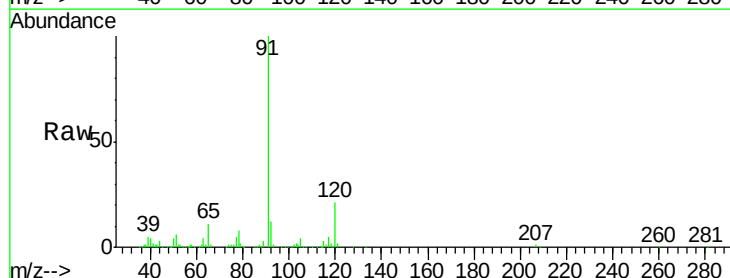
Manual Integrations
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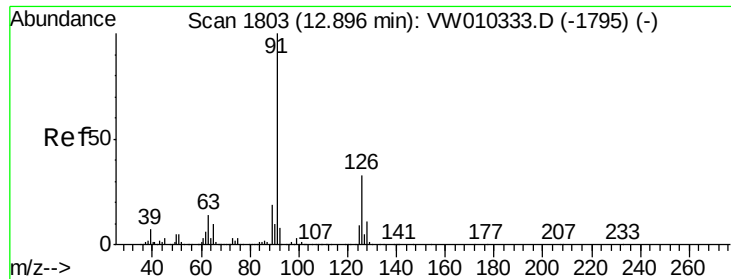
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#78
n-propylbenzene
Concen: 66.788 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1





#79

2-Chlorotoluene

Concen: 85.853 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MS

Tot Ion: 91 Resp: 77841

Ion Ratio Lower Upper

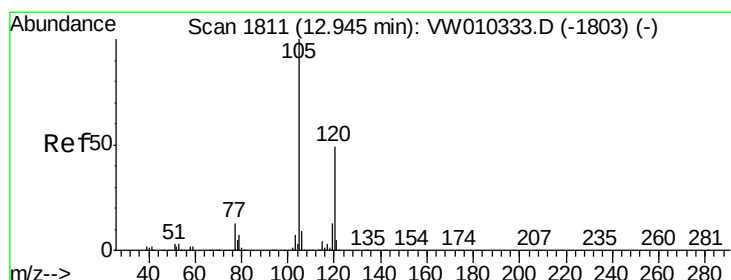
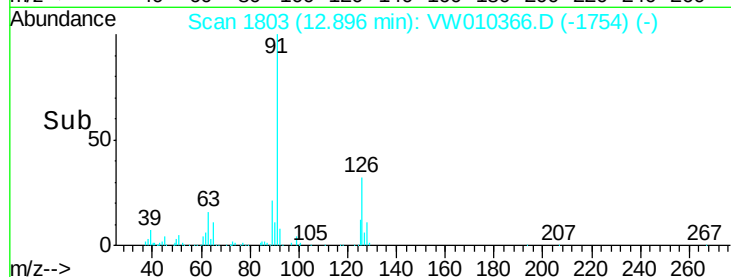
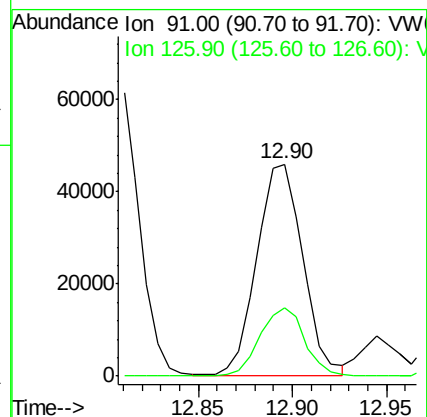
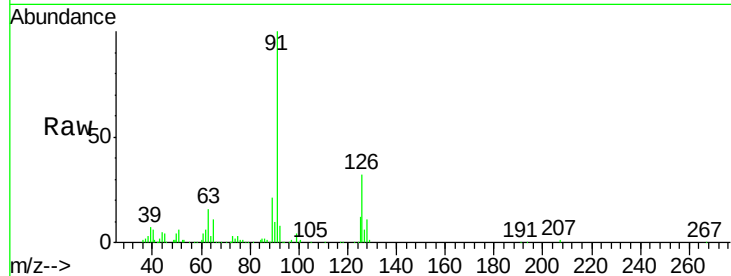
91 100

126 31.5 16.3 48.8

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#80

1,3,5-Trimethylbenzene

Concen: 90.453 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010366.D

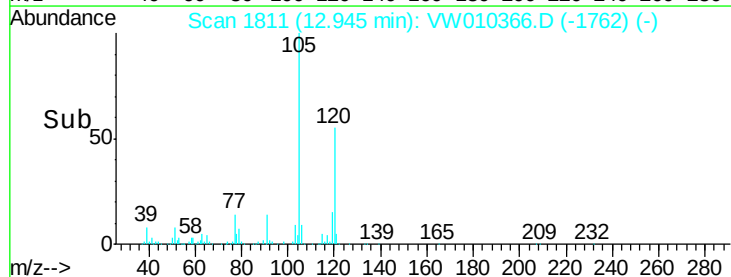
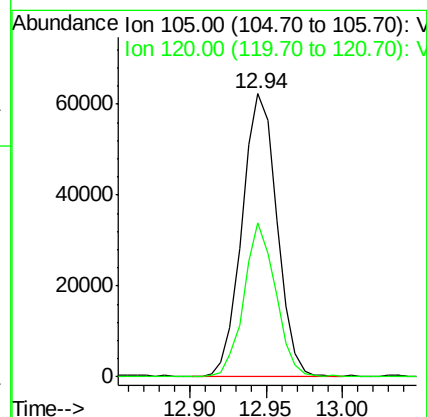
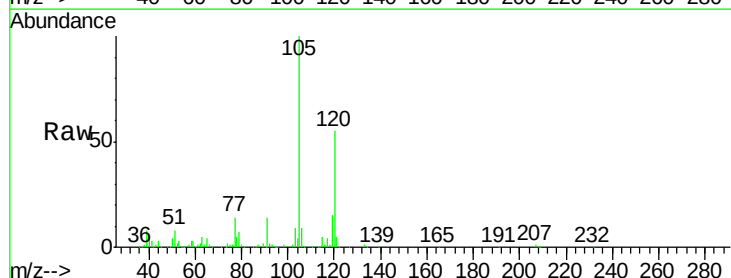
Acq: 10 May 2019 19:56

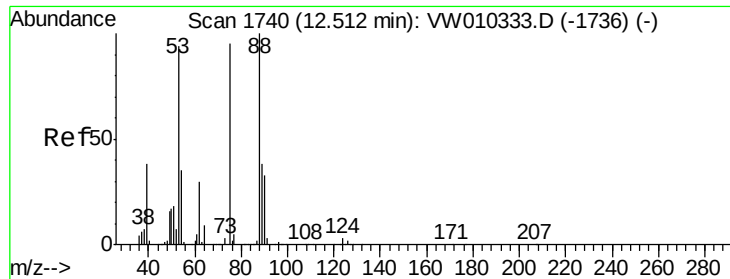
Tgt Ion: 105 Resp: 98299

Ion Ratio Lower Upper

105 100

120 49.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 67.500 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

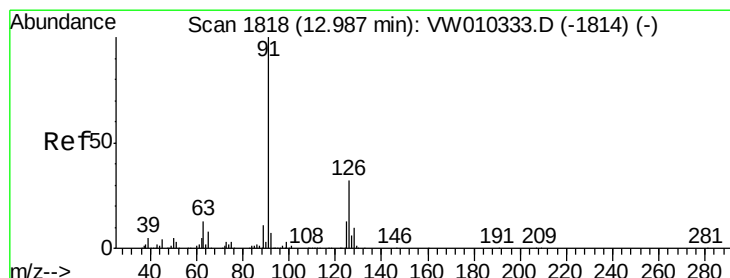
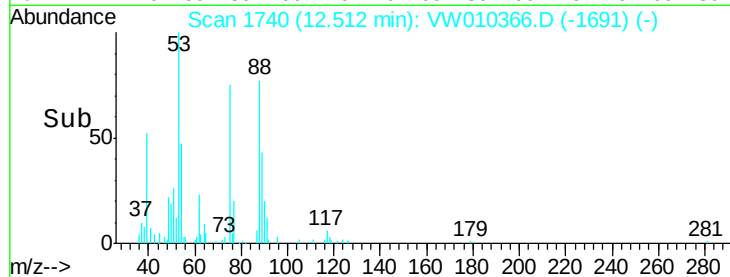
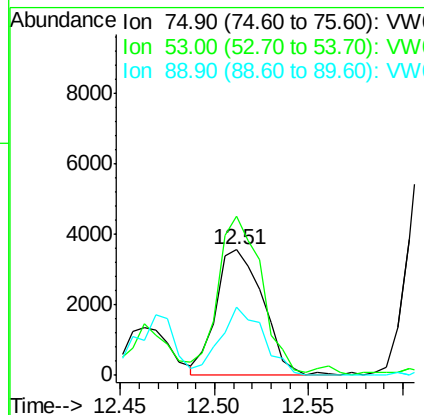
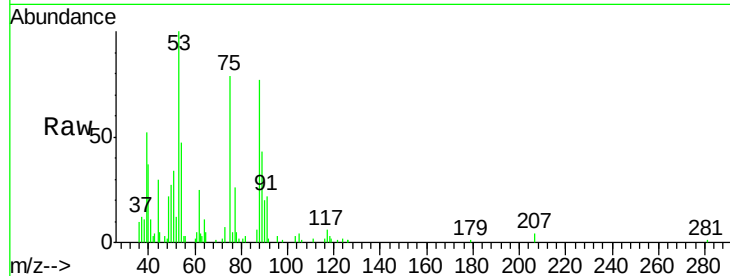
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	75	Resp:	6163
Ion	Ratio	Lower	Upper
75	100		
53	117.7	89.8	134.8
89	49.9	36.6	54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 58.957 ug/l

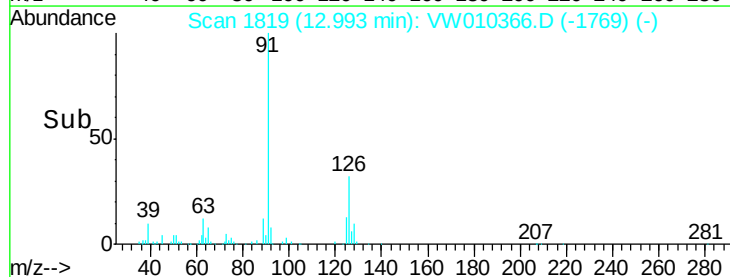
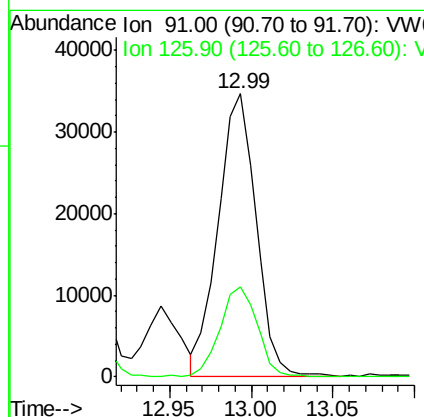
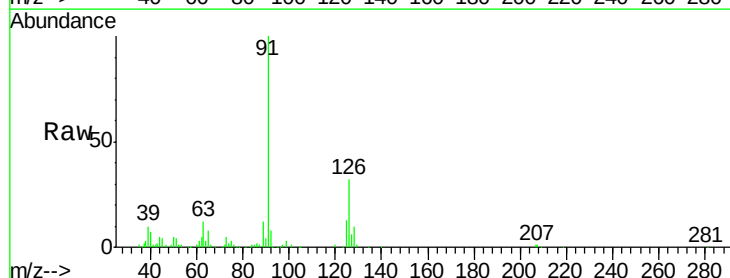
RT: 12.99 min Scan# 1819

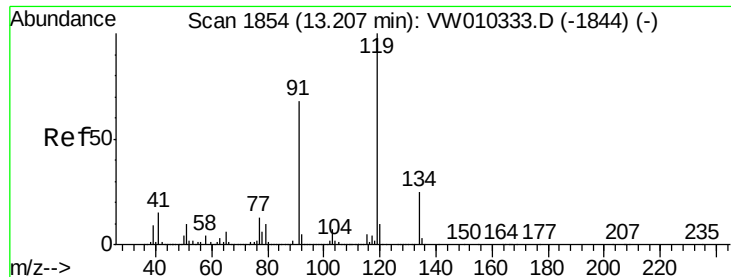
Delta R.T. 0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Tgt Ion:	91	Resp:	56008
Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.4	49.1





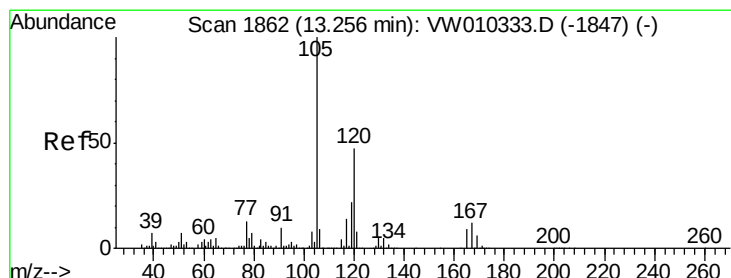
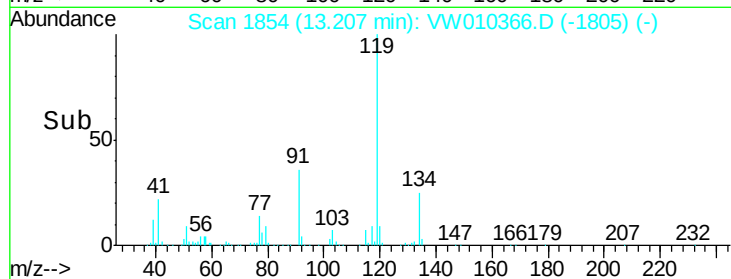
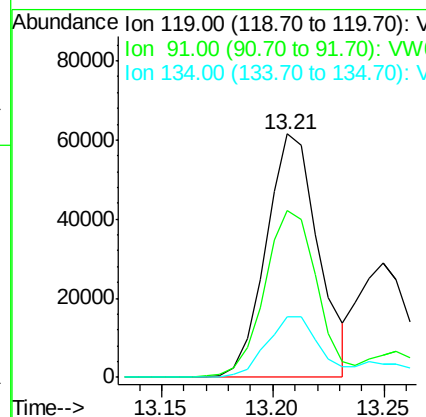
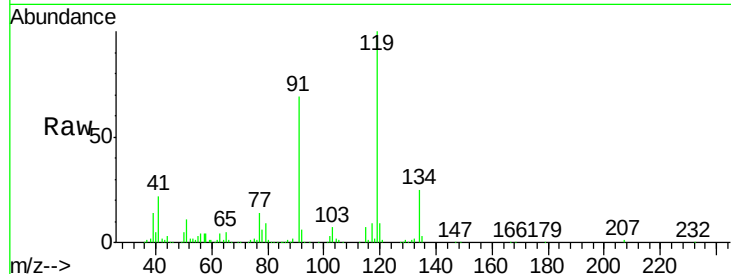
#83
 tert-Butylbenzene
 Concen: 111.005 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.2	34.8	104.4
134	25.6	13.7	41.1

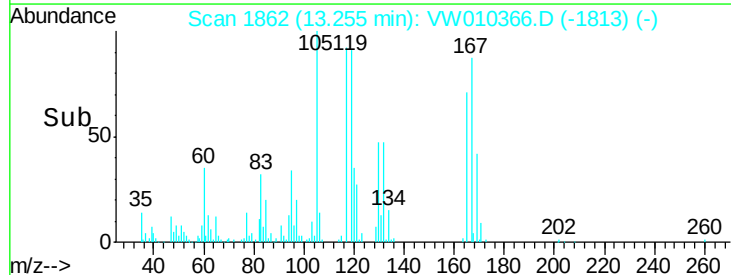
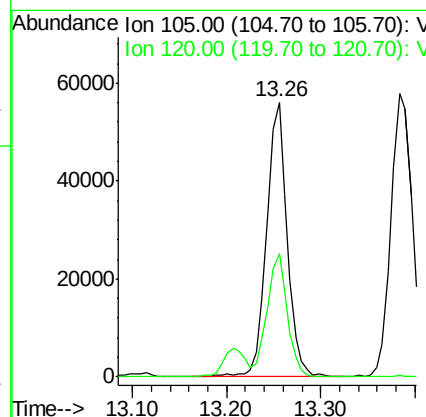
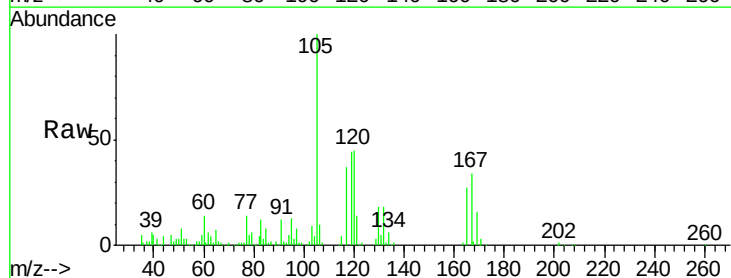
Manual Integrations
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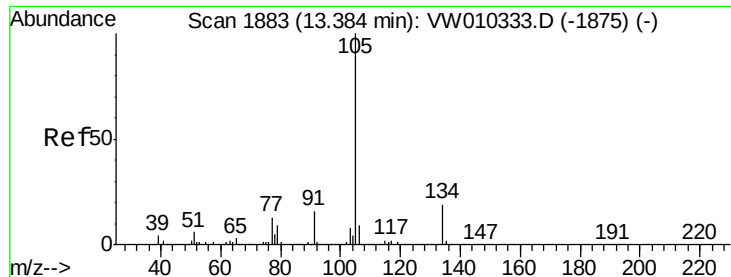
MMDadoda
 5/11/2019 12:12:24 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 80.104 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.6	67.7





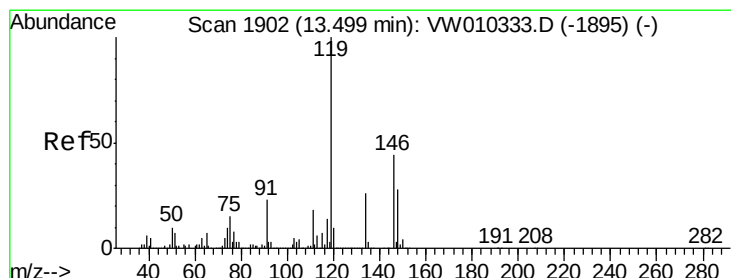
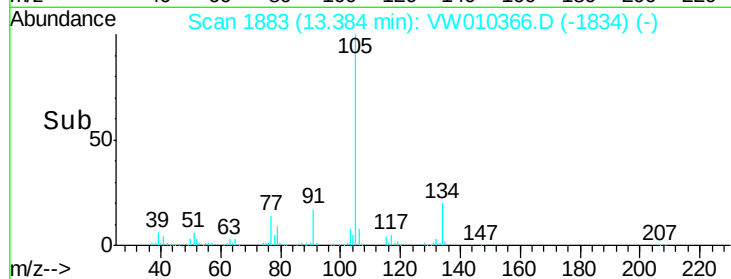
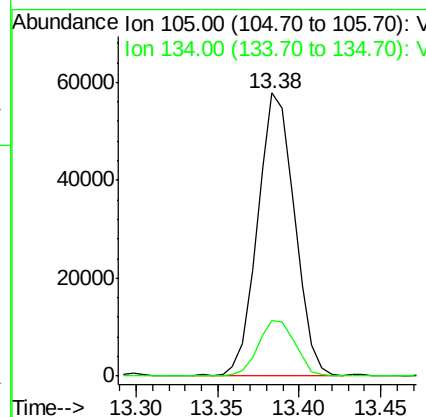
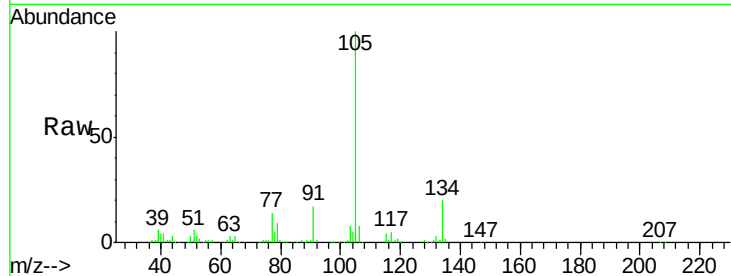
#85
 sec-Butylbenzene
 Concen: 68.004 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

Tot Ion	Ratio	Resp	Lower	Upper
105	100	90998		
134	20.0	9.8	29.5	

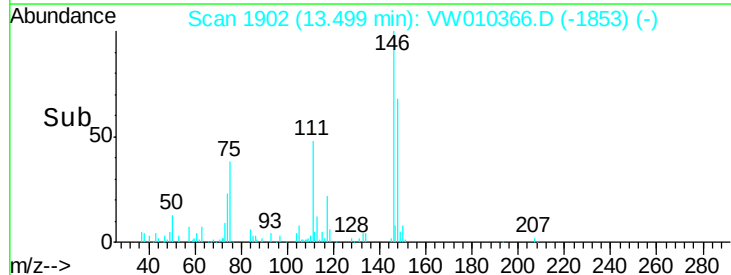
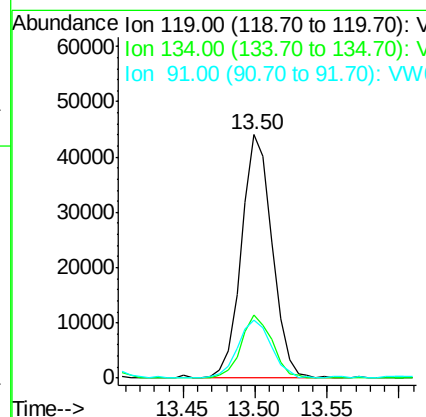
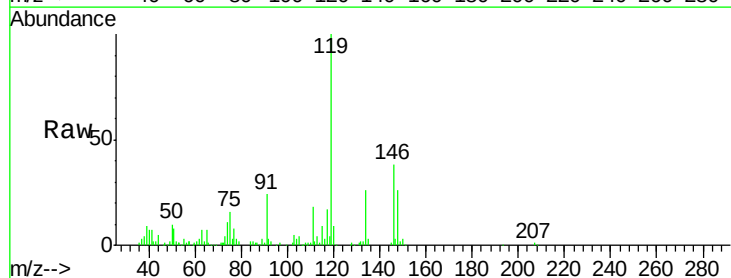
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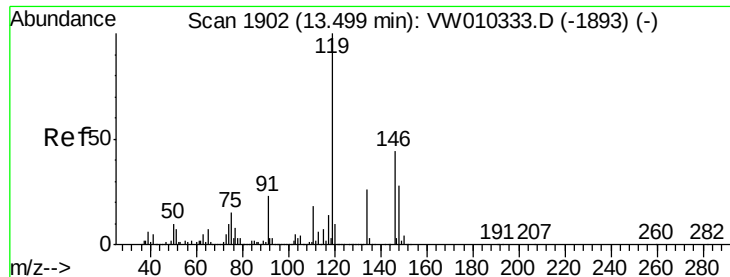
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 5/11/2019 12:12:24 PM



#86
 p-Isopropyltoluene
 Concen: 54.906 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	65233		
134	26.0	13.0	38.9	
91	26.4	12.3	36.9	





#87

1,3-Dichlorobenzene

Concen: 51.415 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

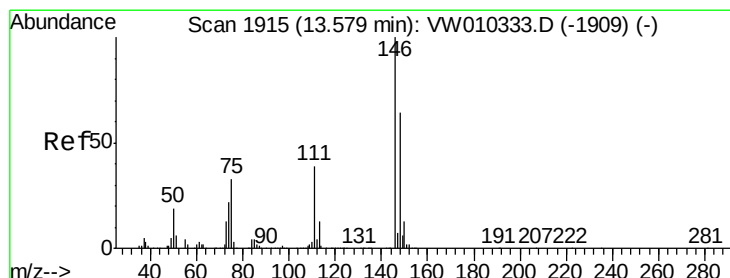
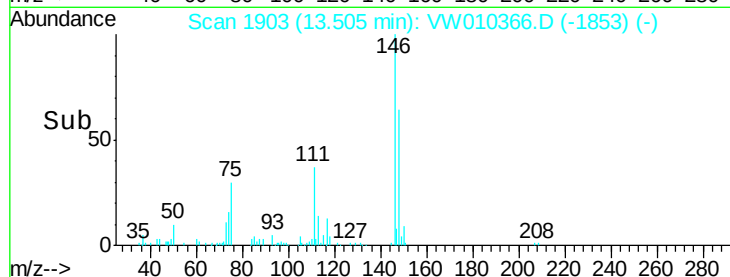
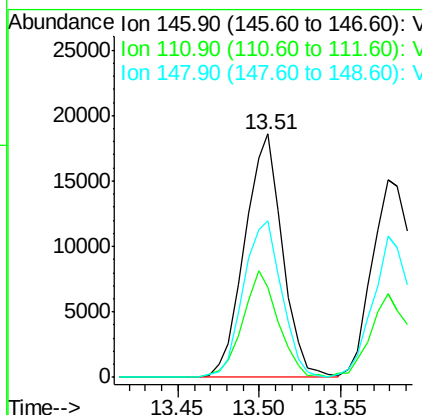
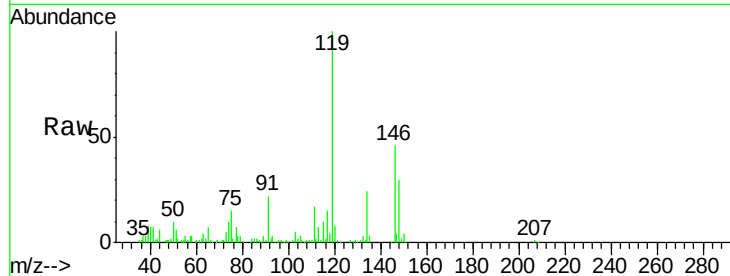
Instrument :
MSVOA_W

ClientSampleId :
P026-SS006-0002-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.3	61.0
148	65.3	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 44.462 ug/l

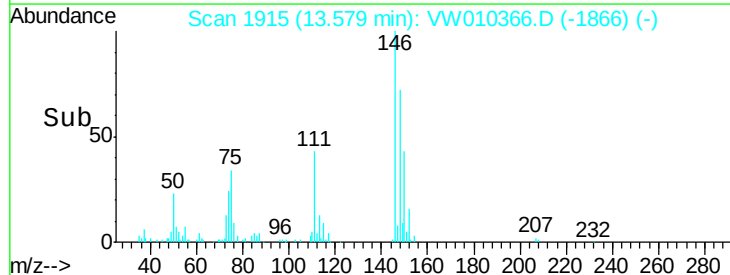
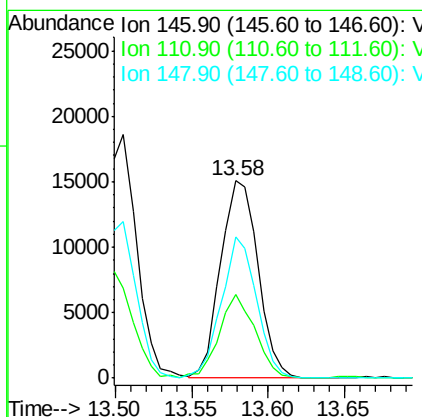
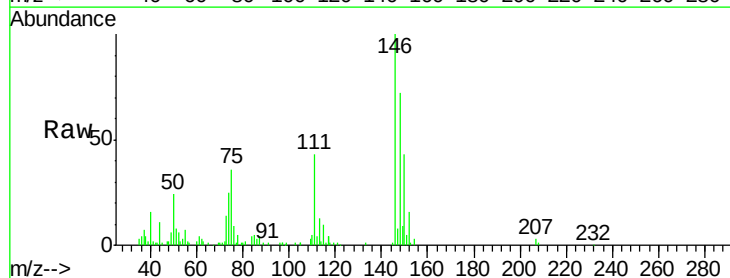
RT: 13.58 min Scan# 1915

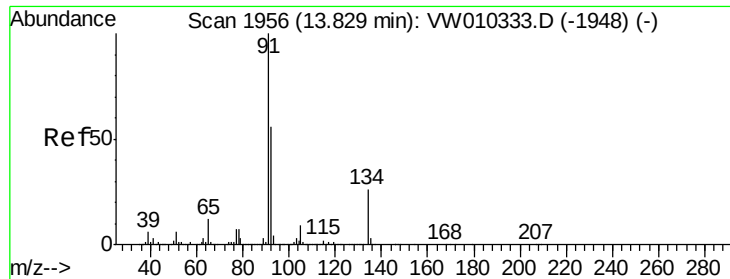
Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.1	60.3
148	67.2	31.8	95.3





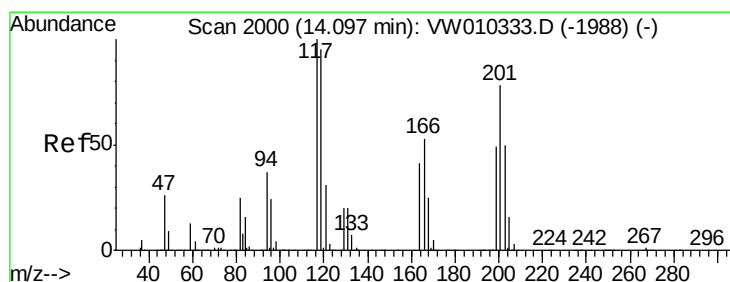
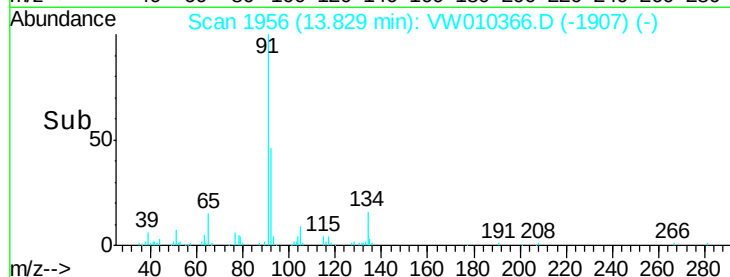
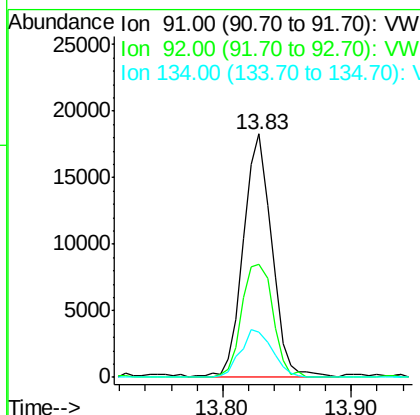
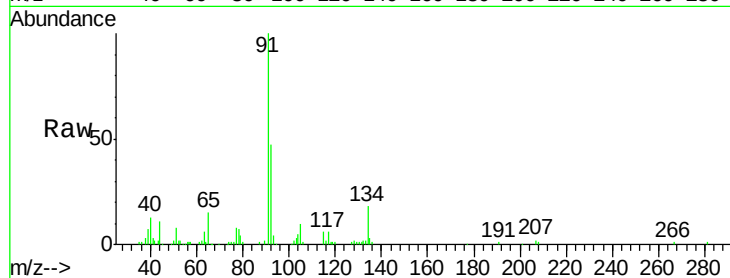
#89
n-Butylbenzene
Concen: 23.558 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	26.5	79.4
134	21.7	12.4	37.0

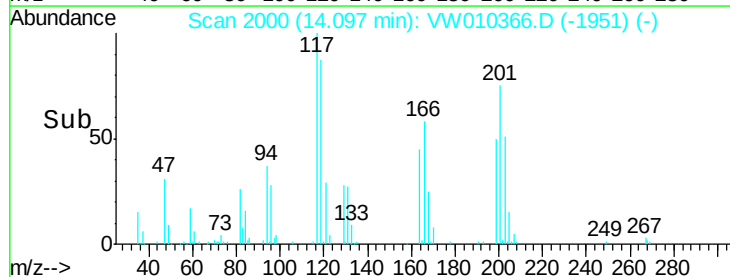
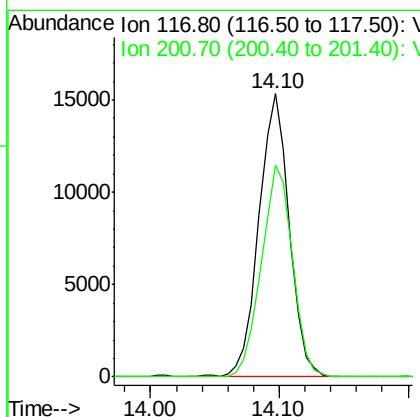
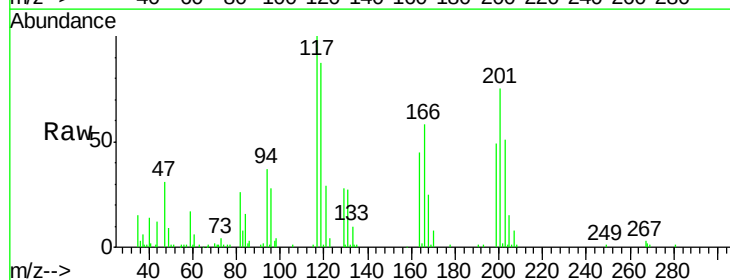
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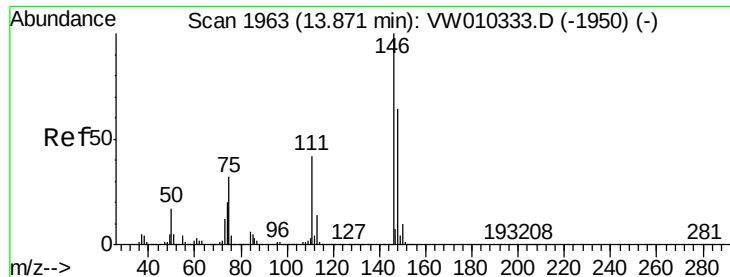
MMDadoda
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#90
Hexachloroethane
Concen: 112.928 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010366.D
Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.0	36.1	108.3





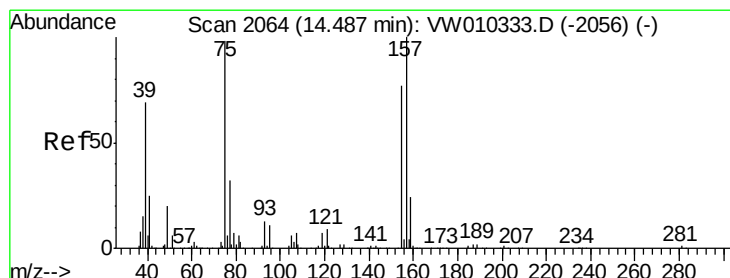
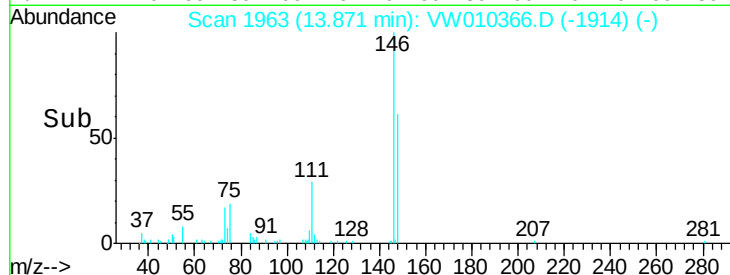
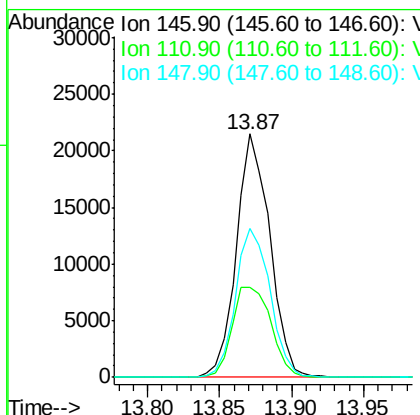
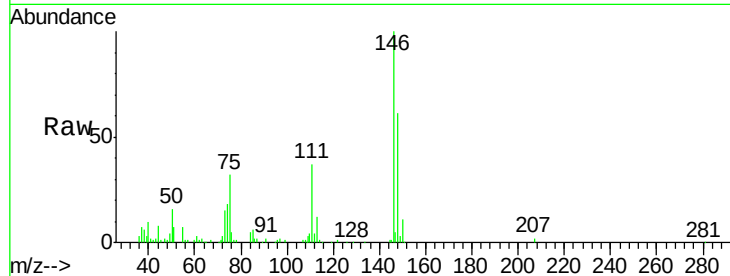
#91
 1,2-Dichlorobenzene
 Concen: 67.299 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

Tot Ion:	146	Resp:	34625
Ion Ratio	Lower	Upper	
146	100		
111	43.5	20.9	62.8
148	63.5	31.9	95.7

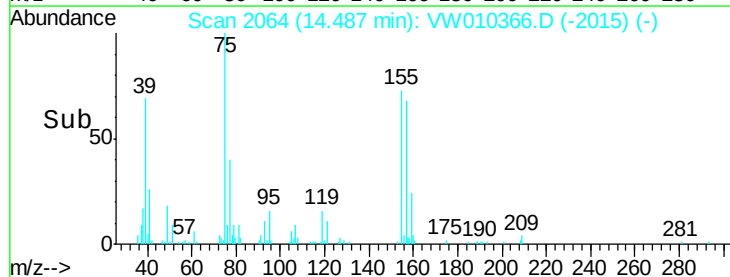
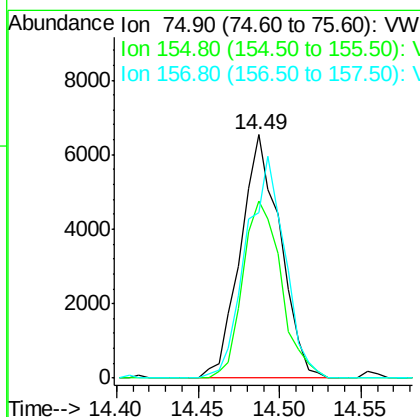
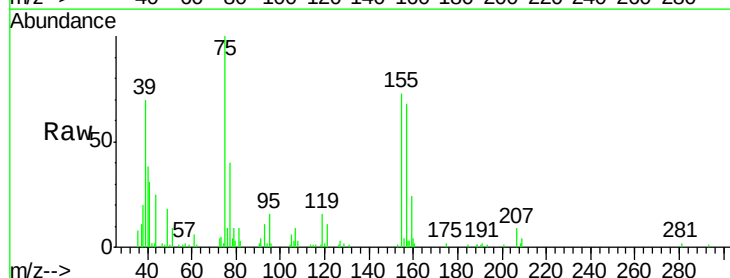
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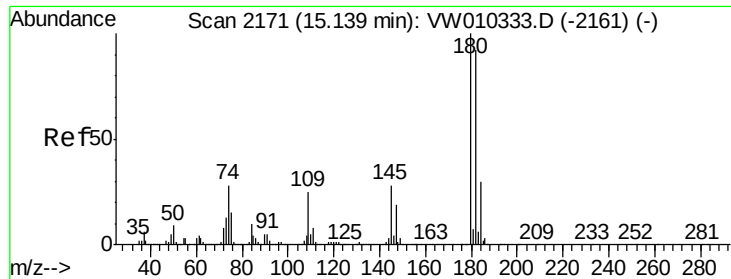
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 216.222 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Tgt Ion:	75	Resp:	11059
Ion Ratio	Lower	Upper	
75	100		
155	70.7	37.1	111.5
157	88.6	47.3	141.9





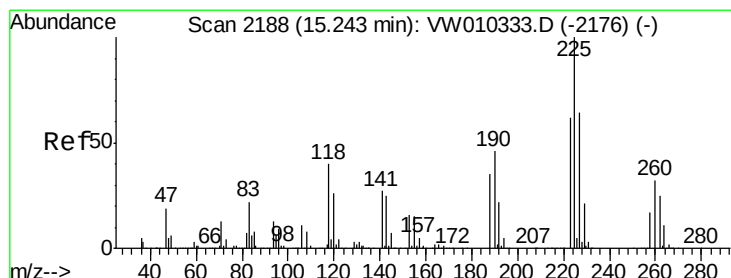
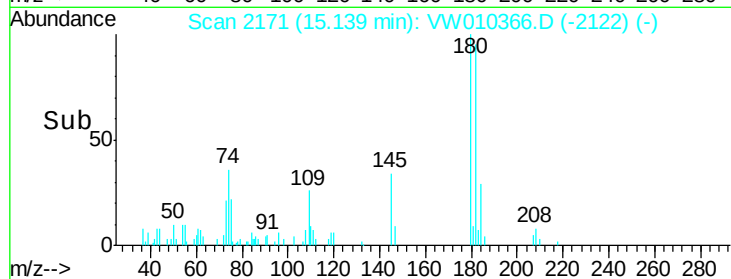
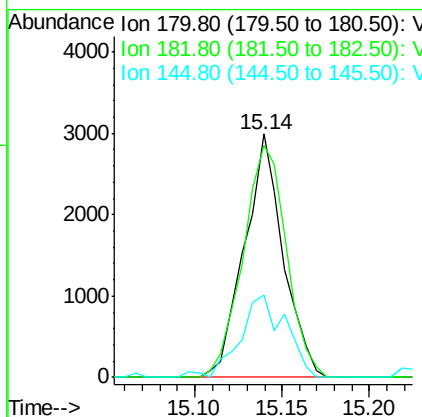
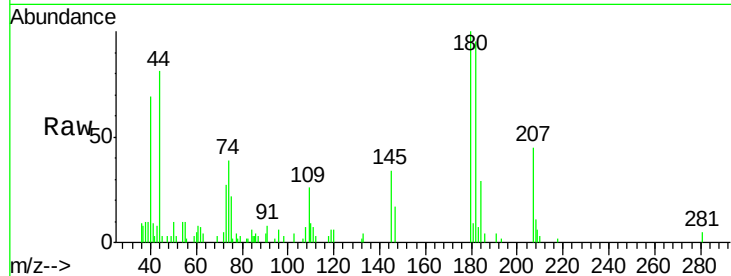
#93
 1,2,4-Trichlorobenzene
 Concen: 13.169 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	106.8	47.1	141.4
145	39.6	15.2	45.6

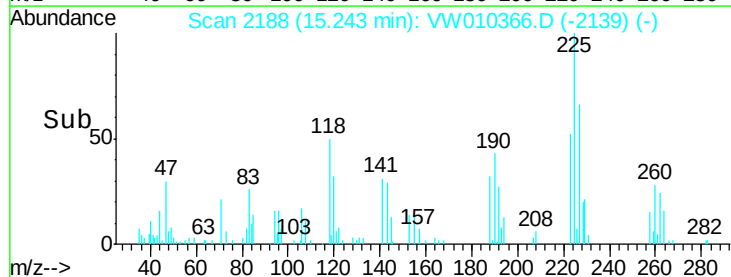
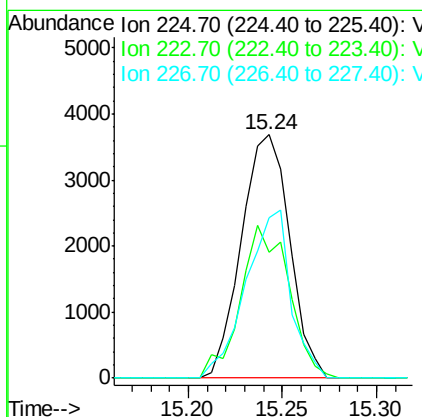
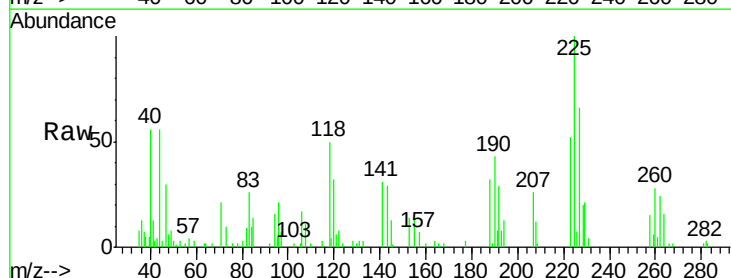
Manual Integrations
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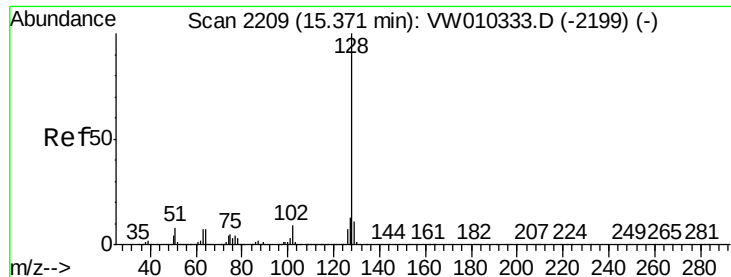
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 29.035 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010366.D
 Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.9	95.5
227	64.2	31.8	95.3





#95

Naphthalene

Concen: 23.489 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_W

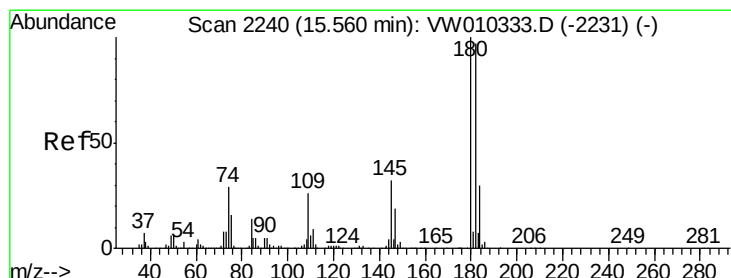
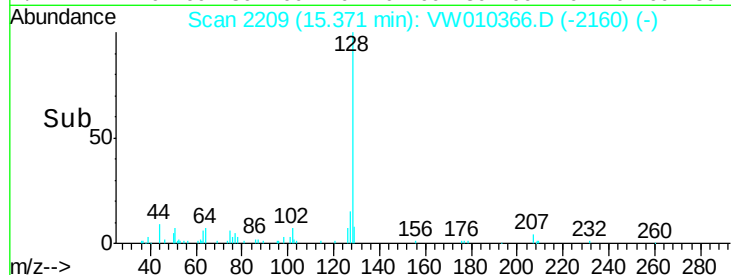
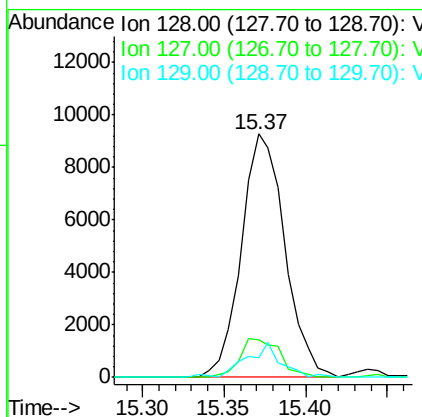
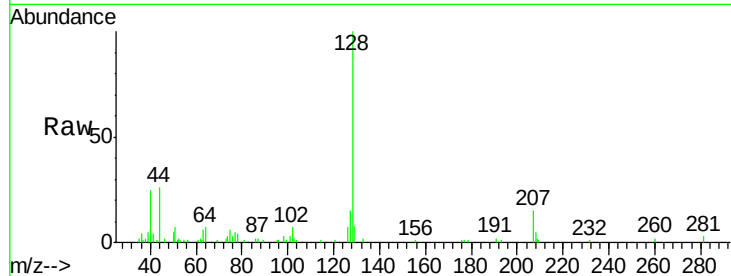
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	128	Resp:	17195
Ion Ratio	Lower	Upper	
128	100		
127	14.4	10.6	15.8
129	11.5	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.185 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW010366.D

Acq: 10 May 2019 19:56

Tgt Ion:	180	Resp:	6403
Ion Ratio	Lower	Upper	
180	100		
182	85.5	47.8	143.3
145	28.5	16.4	49.2

