

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070819\
 Data File : VX010734.D
 Acq On : 09 Jul 2019 07:00
 Operator : JC/SP
 Sample : K3691-09MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:24:17 AM

Quant Time: Jul 09 08:15:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	205583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	317358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	291948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154461	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	100256	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
35) Dibromofluoromethane	5.49	113	96607	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
50) Toluene-d8	8.71	98	354776	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	
62) 4-Bromofluorobenzene	11.13	95	132602	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	86033	60.194	ug/l	100
3) Chloromethane	1.32	50	92608	55.644	ug/l	97
4) Vinyl Chloride	1.41	62	224922	123.386	ug/l	98
5) Bromomethane	1.64	94	46690	52.574	ug/l	98
6) Chloroethane	1.71	64	61722	57.390	ug/l	97
7) Trichlorofluoromethane	1.93	101	167636	58.011	ug/l	99
8) Diethyl Ether	2.19	74	59126	57.055	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	93917	53.630	ug/l	99
10) Methyl Iodide	2.51	142	103688	41.488	ug/l	98
11) Tert butyl alcohol	3.05	59	121165	240.228	ug/l	99
12) 1,1-Dichloroethene	2.37	96	96720	54.278	ug/l	97
13) Acrolein	2.29	56	72919	217.935	ug/l	100
14) Allyl chloride	2.73	41	130993	51.779	ug/l	98
15) Acrylonitrile	3.14	53	281971	282.364	ug/l	100
16) Acetone	2.45	43	229007	237.061	ug/l	98
17) Carbon Disulfide	2.57	76	237460	49.670	ug/l	100
18) Methyl Acetate	2.78	43	107989	56.088	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	310985	55.475	ug/l	97
20) Methylene Chloride	2.85	84	109752	55.206	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	102947	53.716	ug/l	96
22) Diisopropyl ether	3.85	45	296888	56.129	ug/l	97
23) Vinyl Acetate	3.82	43	1321056	289.107	ug/l	99
24) 1,1-Dichloroethane	3.70	63	185570	60.695	ug/l	100
25) 2-Butanone	4.67	43	377811	266.620	ug/l	100
26) 2,2-Dichloropropane	4.59	77	75777	28.531	ug/l	89
27) cis-1,2-Dichloroethene	4.60	96	185141	83.597	ug/l	95
28) Bromochloromethane	5.02	49	74090	50.684	ug/l	94
29) Tetrahydrofuran	5.13	42	244046	278.044	ug/l	100
30) Chloroform	5.21	83	180905	54.992	ug/l	99
31) Cyclohexane	5.58	56	152529	54.783	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	156820	53.988	ug/l	99
36) 1,1-Dichloropropene	5.80	75	129688	51.425	ug/l	99
37) Ethyl Acetate	4.84	43	144731	55.785	ug/l	99
38) Carbon Tetrachloride	5.79	117	137877	50.488	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165349	49.880	ug/l	100
40) Benzene	6.14	78	455633	57.991	ug/l	98
41) Methacrylonitrile	5.04	41	77252	54.268	ug/l	100
42) 1,2-Dichloroethane	6.19	62	139599	58.369	ug/l	99
43) Isopropyl Acetate	6.45	43	231674	53.973	ug/l	98
44) Trichloroethene	7.21	130	120142	51.103	ug/l	99
45) 1,2-Dichloropropane	7.51	63	104228	52.532	ug/l	98
46) Dibromomethane	7.66	93	76046	53.420	ug/l	96
47) Bromodichloromethane	7.90	83	134311	51.484	ug/l	99
48) Methyl methacrylate	7.77	41	109757	55.011	ug/l	99
49) 1,4-Dioxane	7.74	88	54919	955.509	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	775738	282.572	ug/l	98
52) Toluene	8.78	92	270431	52.267	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	133651	45.695	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	151181	47.564	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	111781	52.384	ug/l	99
56) Ethyl methacrylate	9.18	69	175168	54.189	ug/l	97
57) 1,3-Dichloropropane	9.37	76	177168	53.486	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	354741	231.067	ug/l	99
59) 2-Hexanone	9.49	43	599699	277.557	ug/l	99
60) Dibromochloromethane	9.58	129	120530	50.447	ug/l	100
61) 1,2-Dibromoethane	9.67	107	122125	53.022	ug/l	100
64) Tetrachloroethene	9.34	164	109158	46.227	ug/l	98
65) Chlorobenzene	10.14	112	1125553	189.899	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	112541	52.127	ug/l	99
67) Ethyl Benzene	10.25	91	524083	52.376	ug/l	100
68) m/p-Xylenes	10.36	106	400246	103.231	ug/l	97
69) o-Xylene	10.69	106	200942	52.701	ug/l	99
70) Styrene	10.71	104	342865	53.621	ug/l	99
71) Bromoform	10.85	173	91119	48.533	ug/l #	99
73) Isopropylbenzene	11.02	105	527041	50.336	ug/l	98
74) N-amyl acetate	10.90	43	219738	55.531	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	180466	52.044	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	143737m	51.067	ug/l	
77) Bromobenzene	11.26	156	145511	49.770	ug/l	99
78) n-propylbenzene	11.36	91	586689	50.983	ug/l	100
79) 2-Chlorotoluene	11.42	91	345483	50.417	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	445509	51.613	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43936	36.415	ug/l	91
82) 4-Chlorotoluene	11.51	91	404505	51.877	ug/l	100
83) tert-Butylbenzene	11.77	119	439896	50.776	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	449945	51.884	ug/l	100
85) sec-Butylbenzene	11.94	105	517549	50.879	ug/l	100
86) p-Isopropyltoluene	12.06	119	476706	50.665	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	274853	53.856	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	292131	56.227	ug/l	99
89) n-Butylbenzene	12.38	91	400978	50.152	ug/l	100
90) Hexachloroethane	12.60	117	76757	47.179	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	292161	57.600	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37550	50.226	ug/l	92

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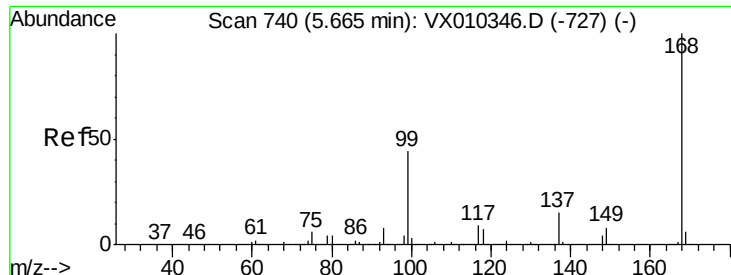
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	174254	49.539	ug/l	99
94) Hexachlorobutadiene	13.78	225	80914	47.067	ug/l	99
95) Naphthalene	13.83	128	559639	51.773	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	178882	51.149	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

Tgt Ion: 168 Resp: 205583

Ion Ratio Lower Upper

168 100

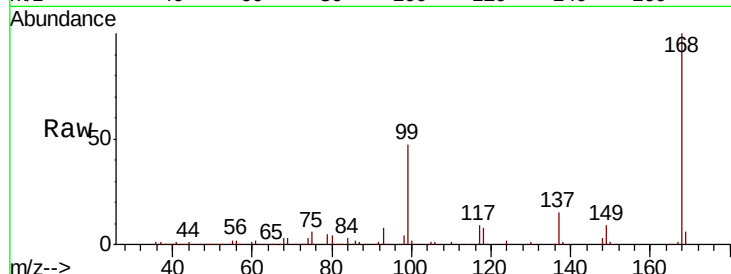
99 47.4 35.5 53.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

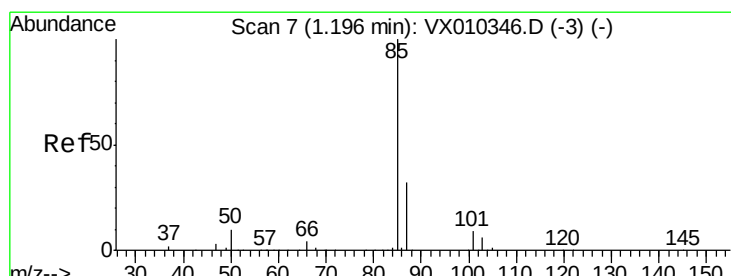
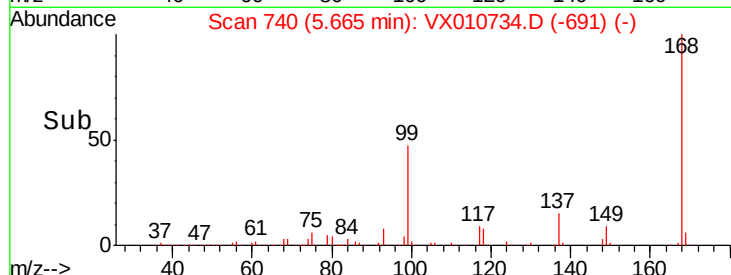
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 60.194 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010734.D

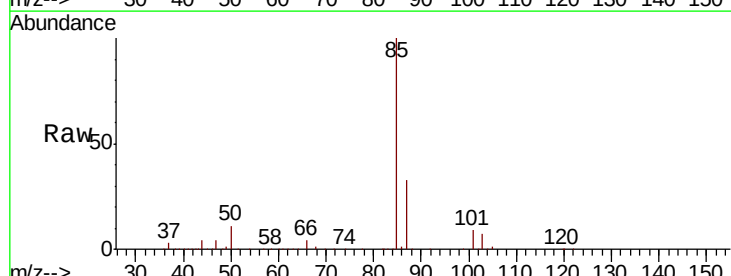
Acq: 09 Jul 2019 07:00

Tgt Ion: 85 Resp: 86033

Ion Ratio Lower Upper

85 100

87 32.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

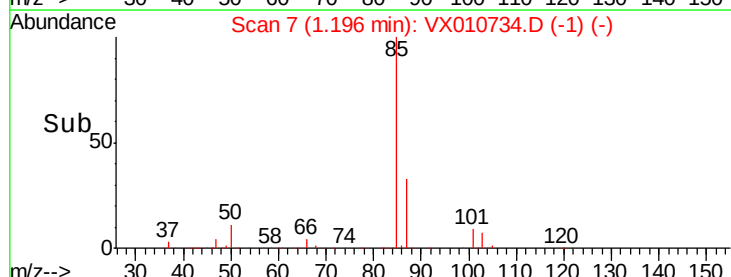
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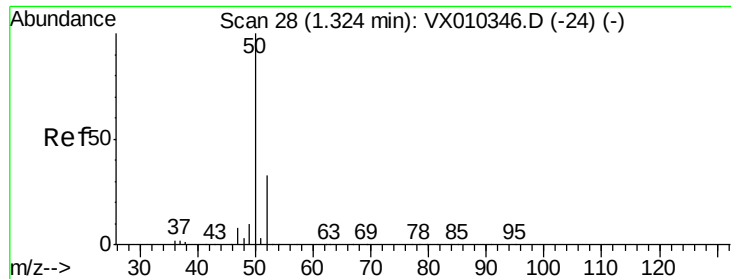
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 55.644 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

Tgt Ion: 50 Resp: 92608

Ion Ratio Lower Upper

50 100

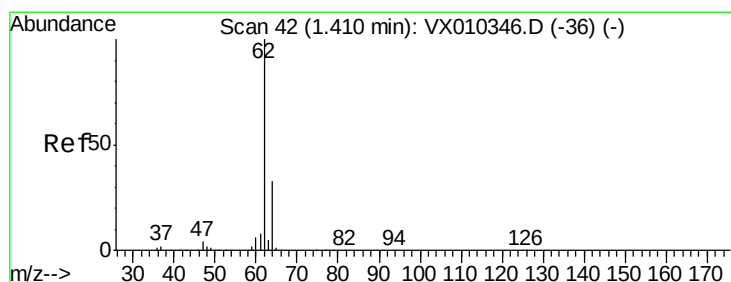
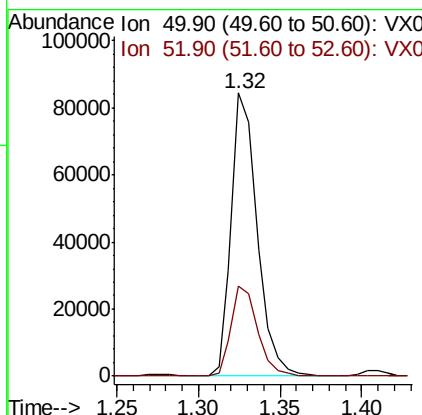
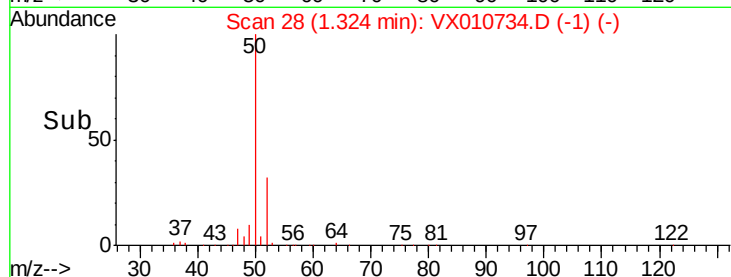
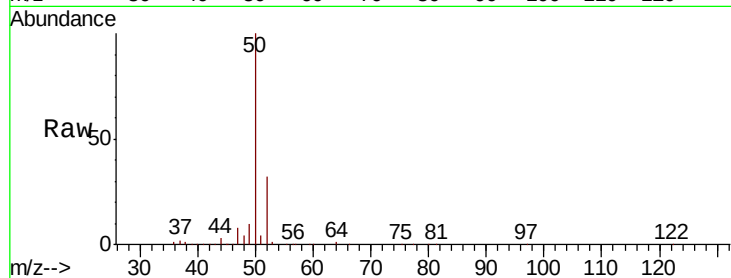
52 31.6 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 123.386 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010734.D

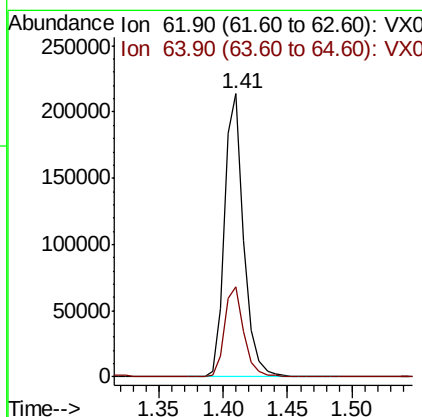
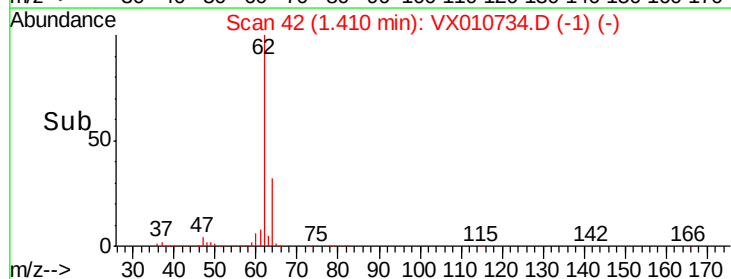
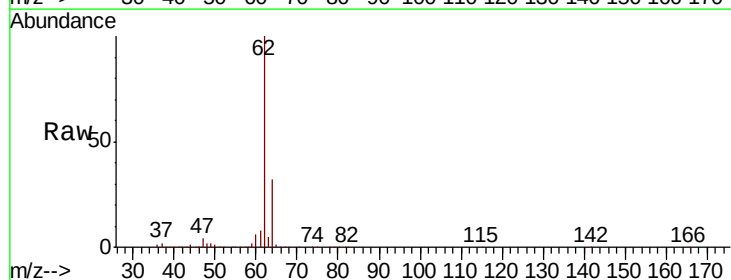
Acq: 09 Jul 2019 07:00

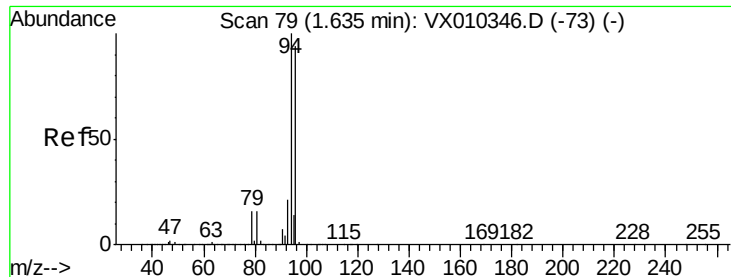
Tgt Ion: 62 Resp: 224922

Ion Ratio Lower Upper

62 100

64 31.9 26.2 39.4





#5

Bromomethane

Concen: 52.574 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

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ClientSampleId :

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Tgt Ion: 94 Resp: 46690

Ion Ratio Lower Upper

94 100

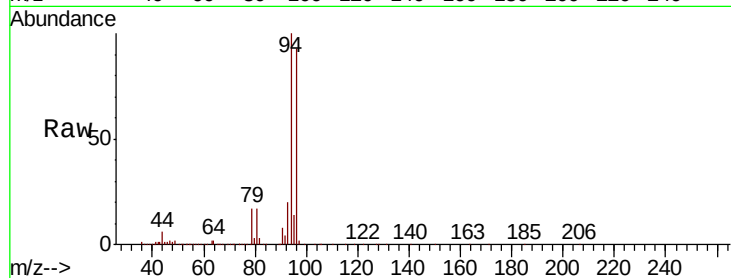
96 92.9 75.5 113.3

Manual Integrations

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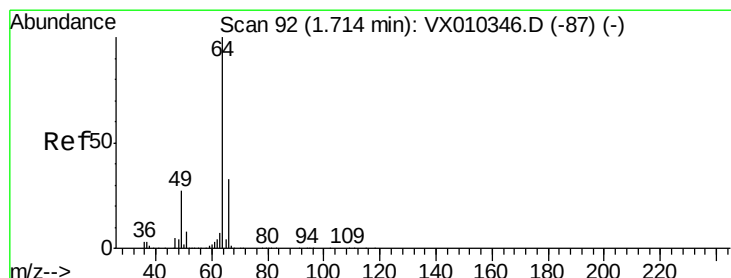
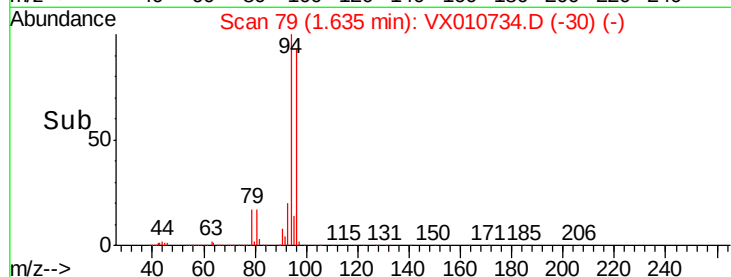
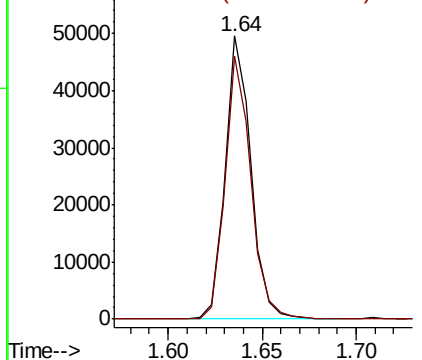
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 57.390 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010734.D

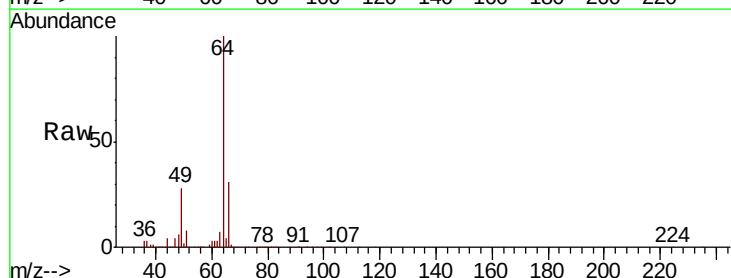
Acq: 09 Jul 2019 07:00

Tgt Ion: 64 Resp: 61722

Ion Ratio Lower Upper

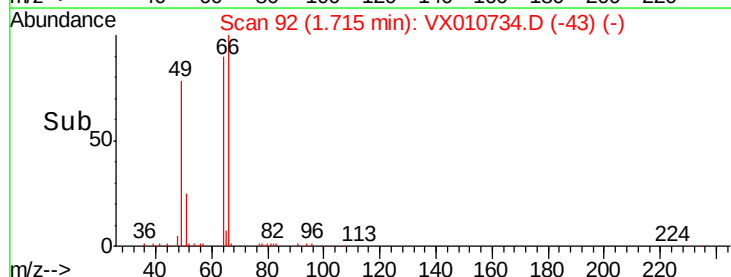
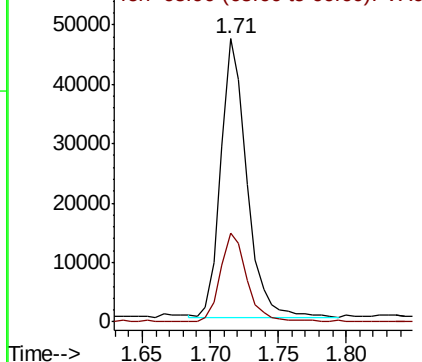
64 100

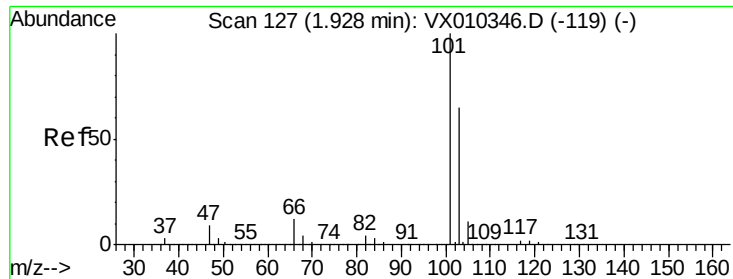
66 31.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

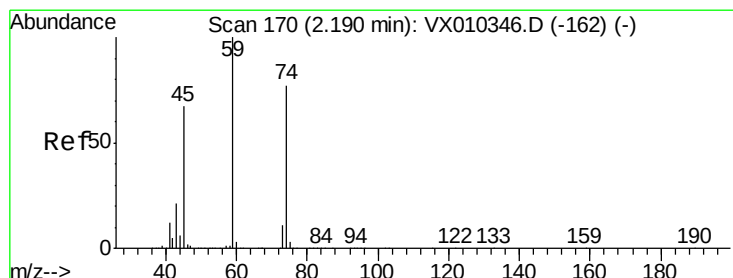
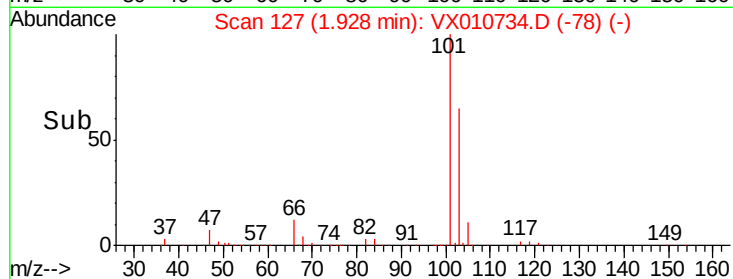
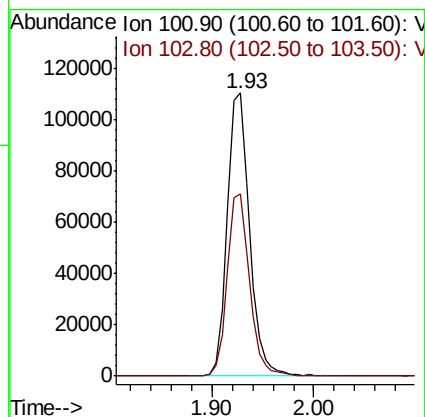
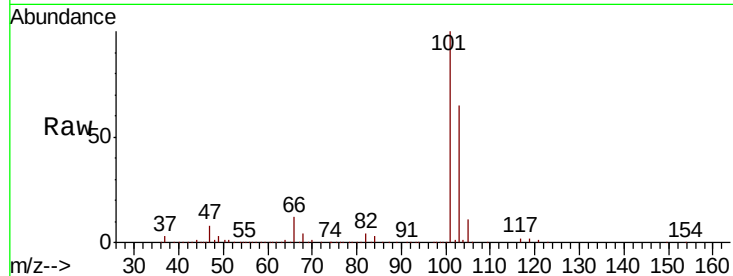
Trichlorofluoromethane
Concen: 58.011 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
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WP022MW359-190705MS

Tgt Ion: 101 Resp: 167636
Ion Ratio Lower Upper
101 100
103 64.6 52.3 78.5

Manual Integrations
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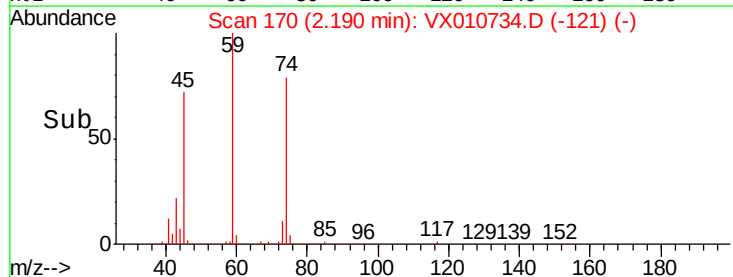
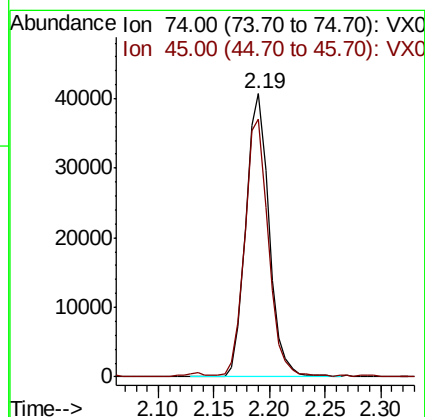
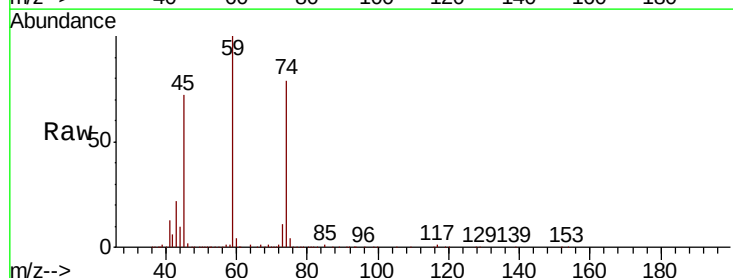
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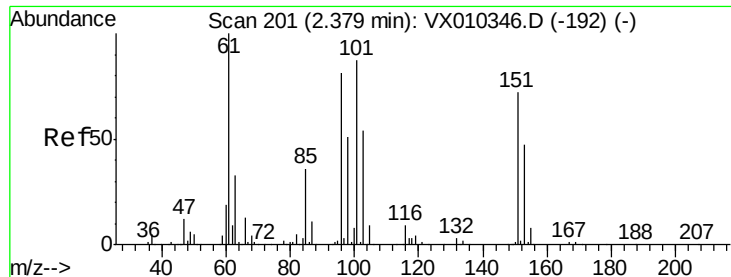


#8

Diethyl Ether
Concen: 57.055 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion: 74 Resp: 59126
Ion Ratio Lower Upper
74 100
45 91.5 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.630 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

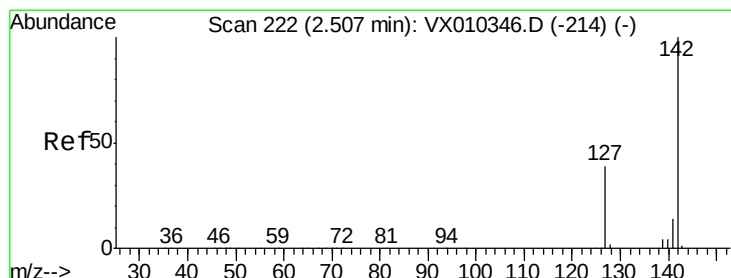
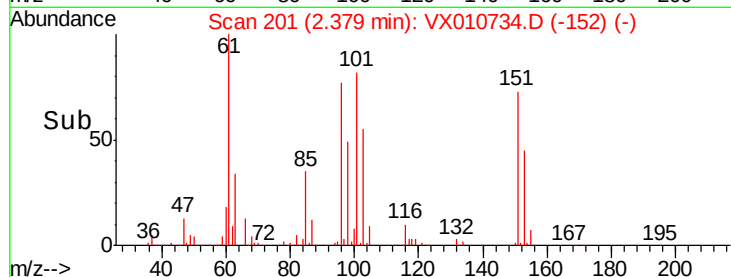
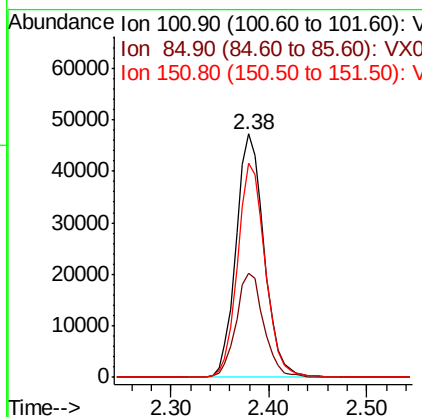
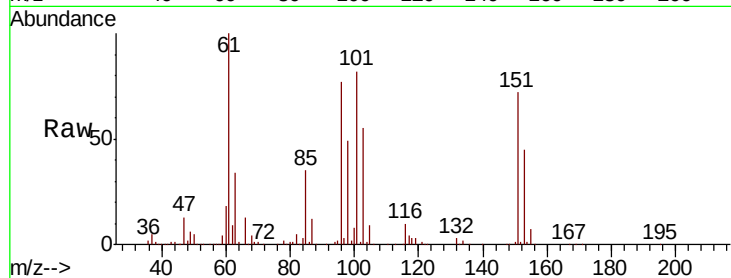
ClientSampleId :

WP022MW359-190705MS

Tgt Ion:	101	Resp:	93917
Ion Ratio	Lower	Upper	
101	100		
85	42.5	33.7	50.5
151	86.8	70.1	105.1

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#10

Methyl Iodide

Concen: 41.488 ug/l

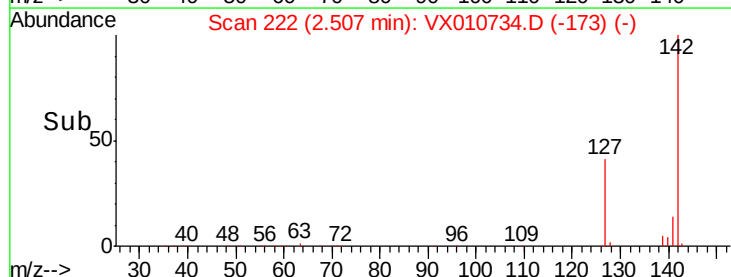
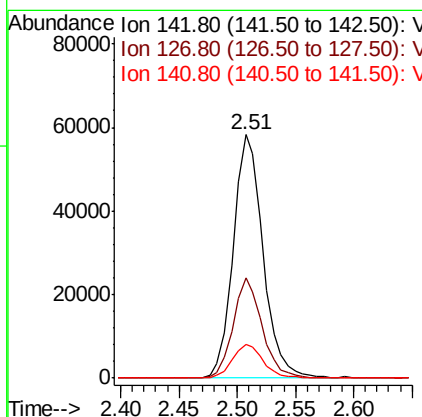
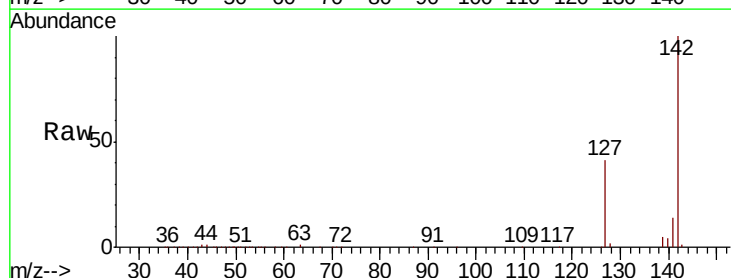
RT: 2.51 min Scan# 222

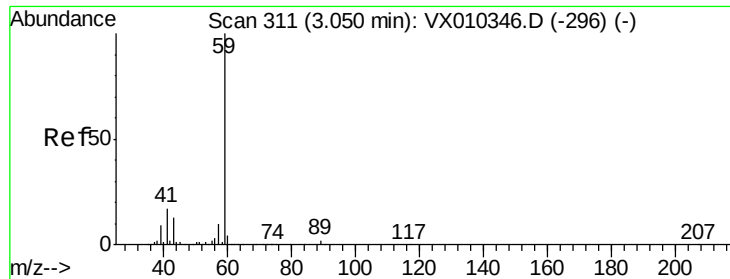
Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Tgt Ion:	142	Resp:	103688
Ion Ratio	Lower	Upper	
142	100		
127	40.1	31.1	46.7
141	14.3	11.2	16.8





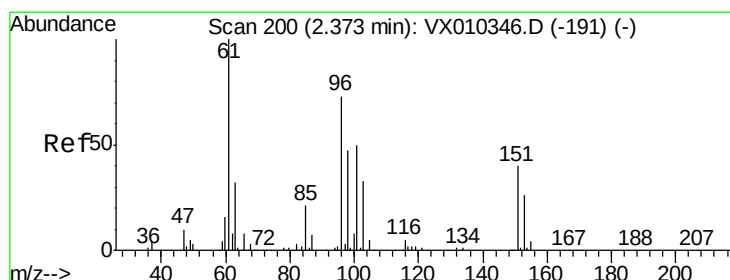
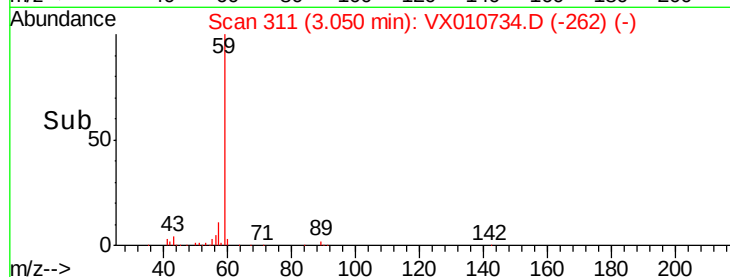
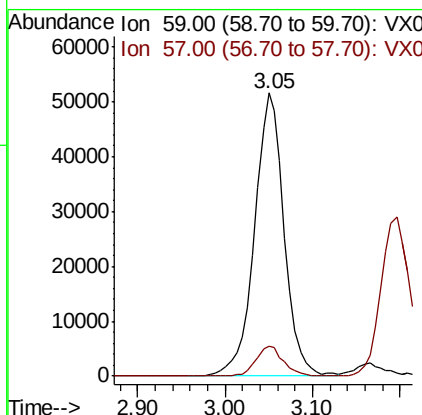
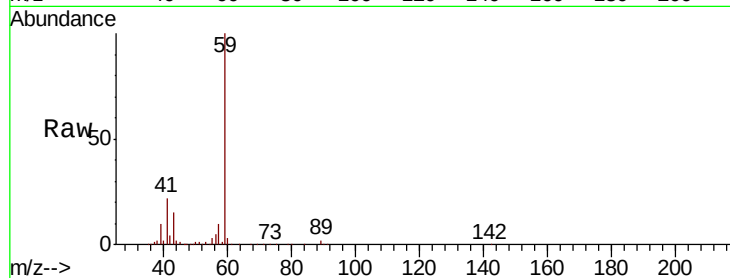
#11
Tert butyl alcohol
Concen: 240.228 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion: 59 Resp: 121165
Ion Ratio Lower Upper
59 100
57 9.9 7.7 11.5

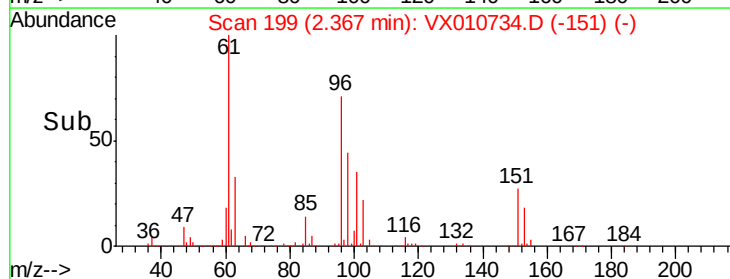
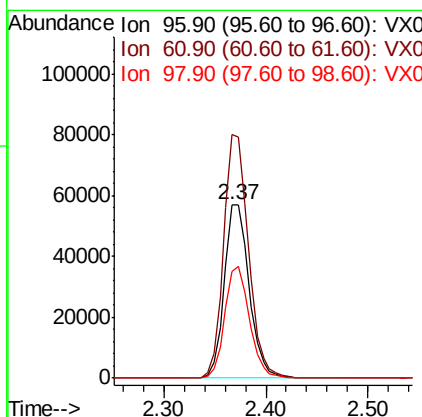
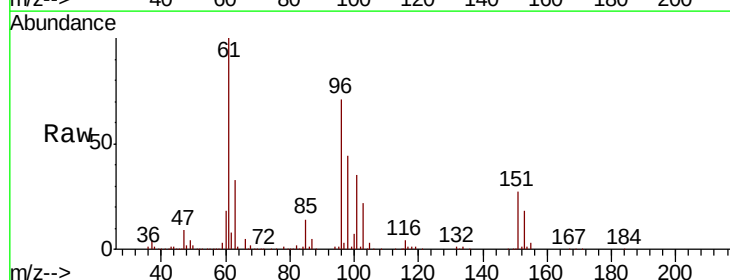
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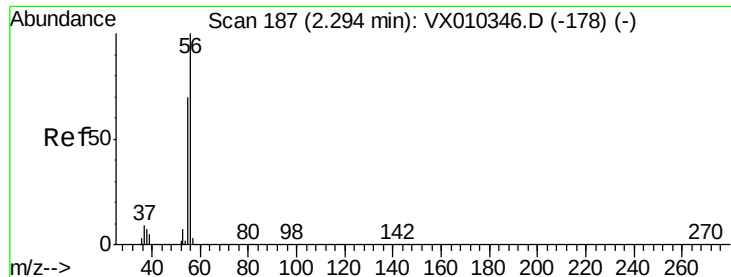
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#12
1,1-Dichloroethene
Concen: 54.278 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion: 96 Resp: 96720
Ion Ratio Lower Upper
96 100
61 140.1 109.2 163.8
98 61.5 51.1 76.7





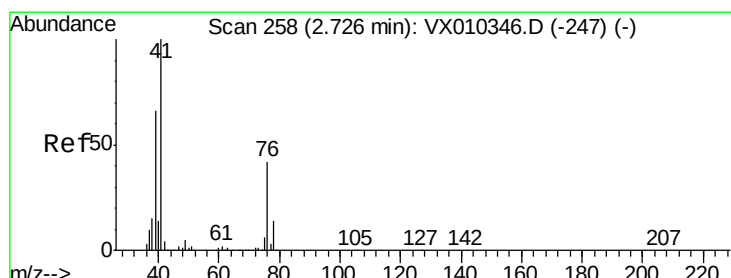
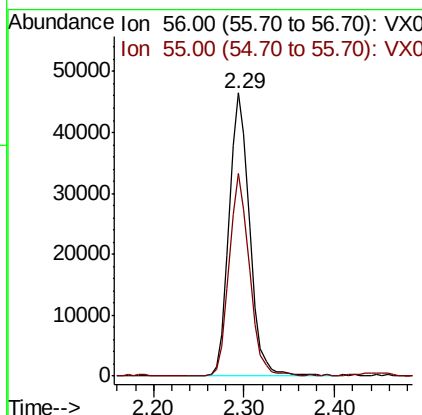
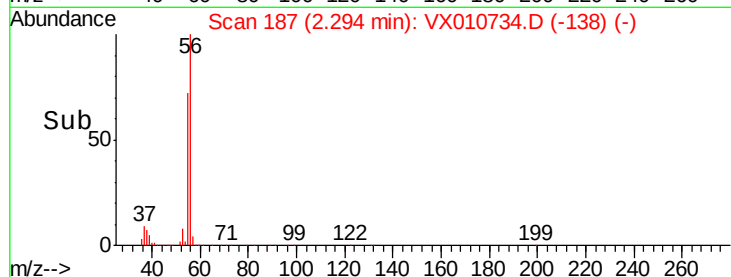
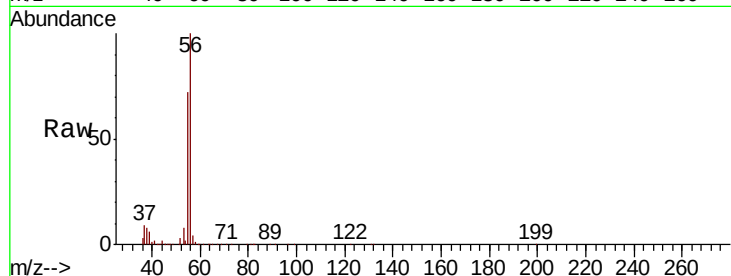
#13
Acrolein
Concen: 217.935 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.7	56.9	85.3

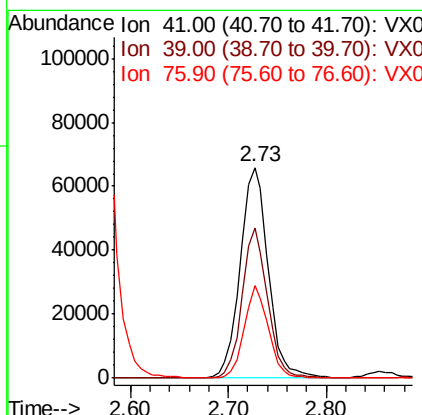
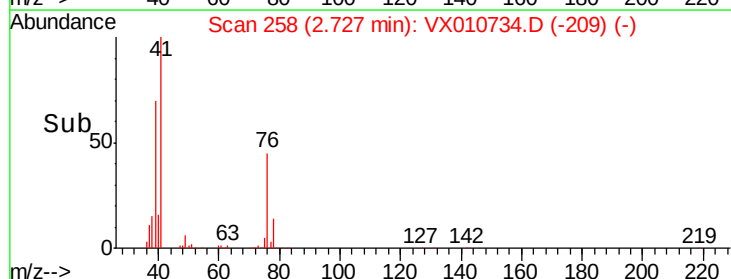
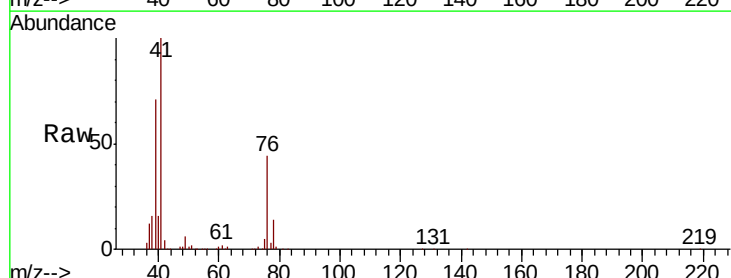
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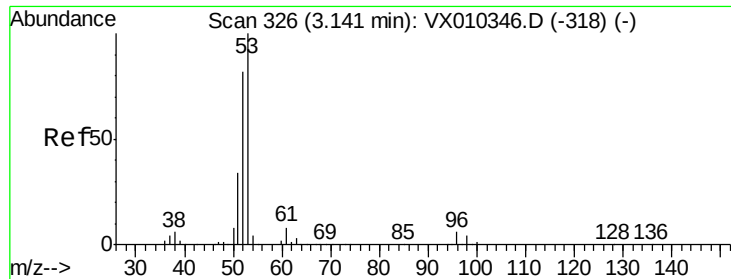
MMDadoda
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#14
Allyl chloride
Concen: 51.779 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.3	50.3	75.5
76	37.8	31.3	46.9





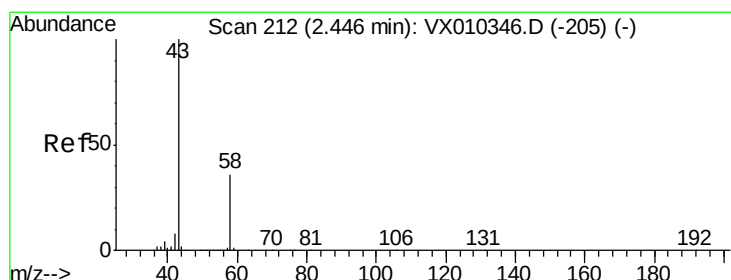
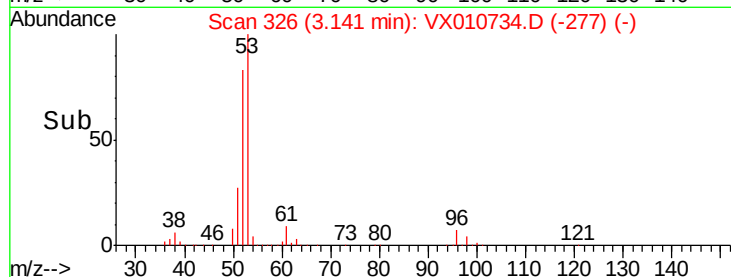
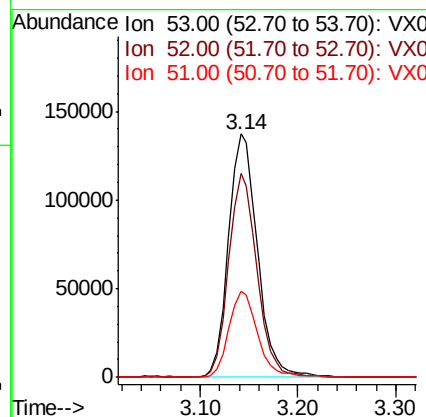
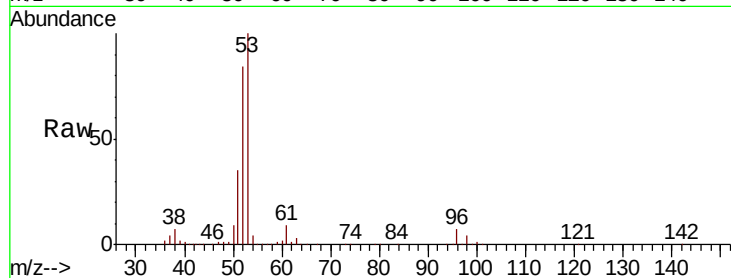
#15
 Acrylonitrile
 Concen: 282.364 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.5	98.3
51	35.0	28.2	42.4

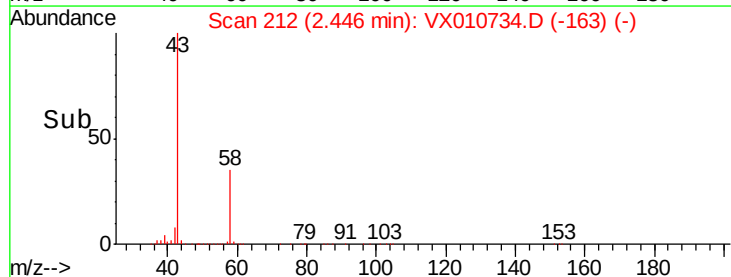
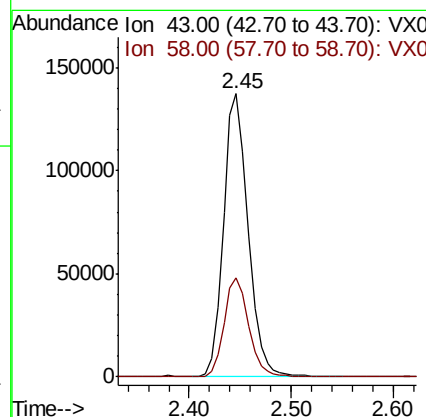
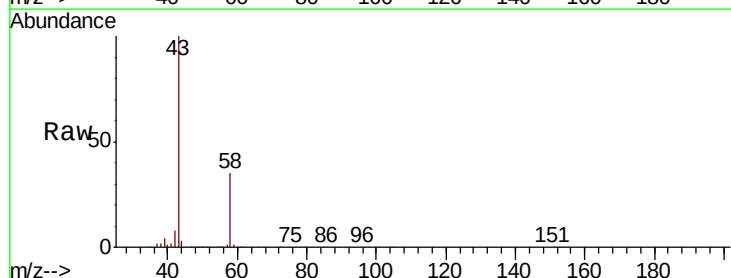
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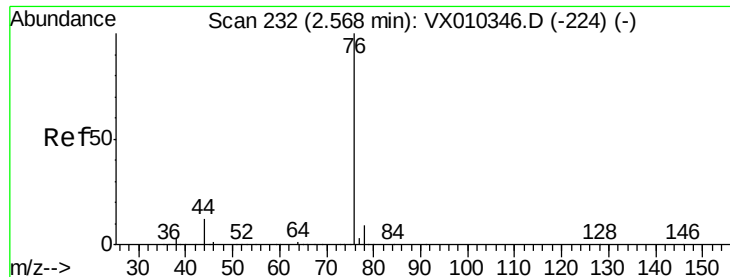
MMDadoda
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#16
 Acetone
 Concen: 237.061 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.9	28.9	43.3





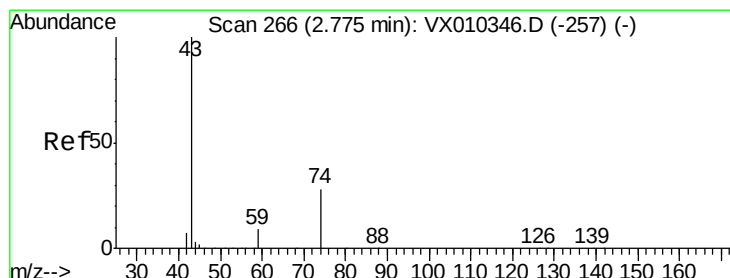
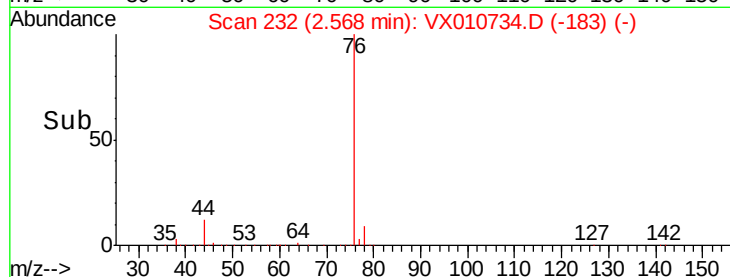
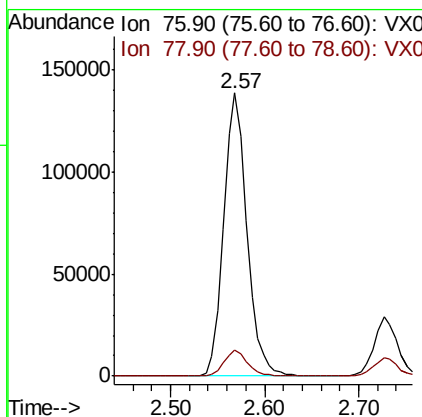
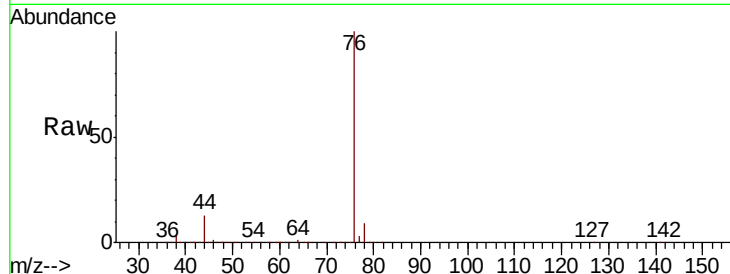
#17
Carbon Disulfide
Concen: 49.670 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

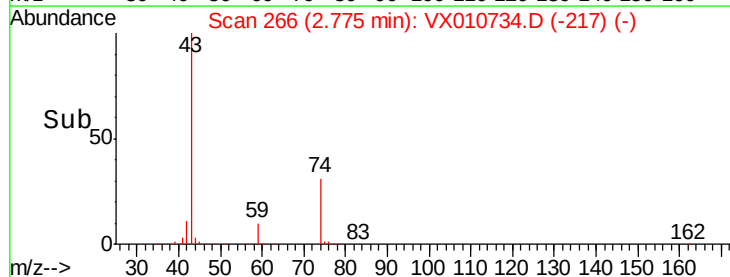
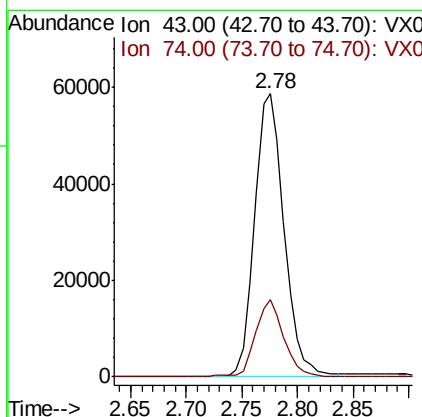
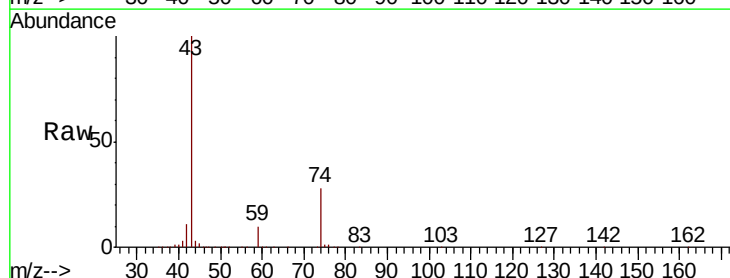
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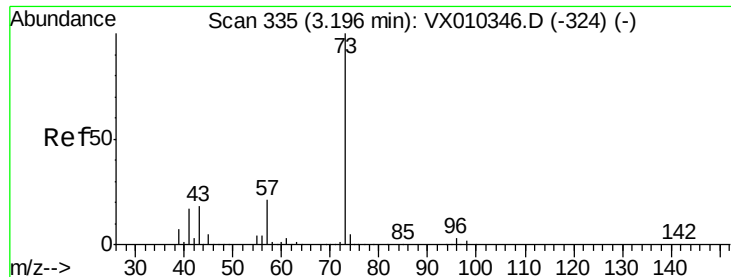
MMDadoda
7/9/2019 11:24:17 AM



#18
Methyl Acetate
Concen: 56.088 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.5	21.3	31.9





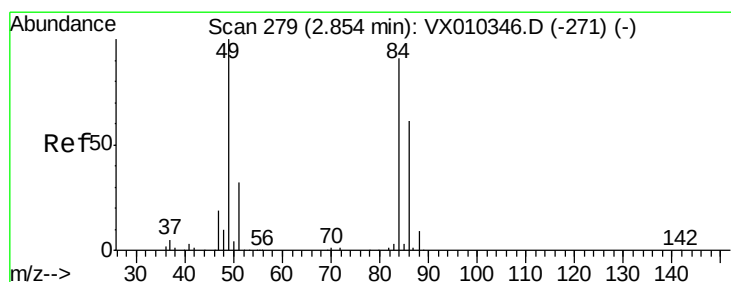
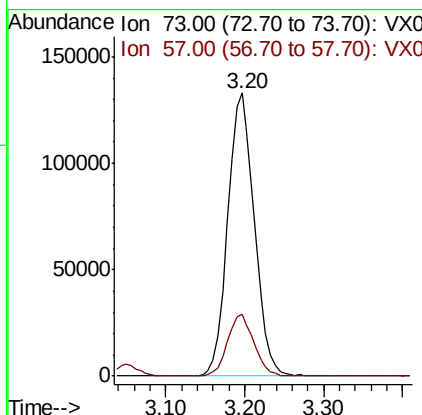
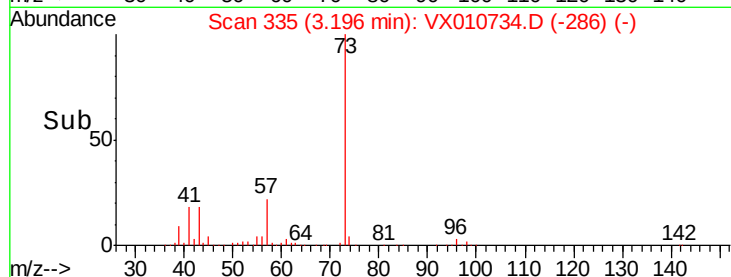
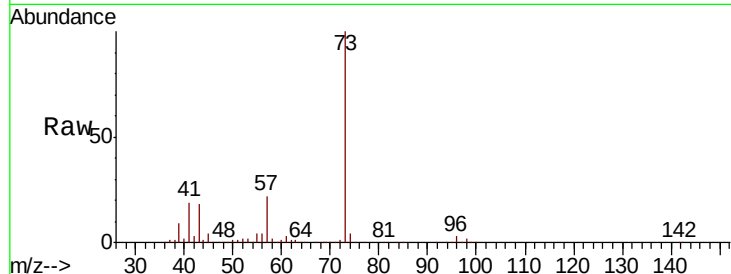
#19
Methyl tert-butyl Ether
Concen: 55.475 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion: 73 Resp: 310985
Ion Ratio Lower Upper
73 100
57 21.7 16.4 24.6

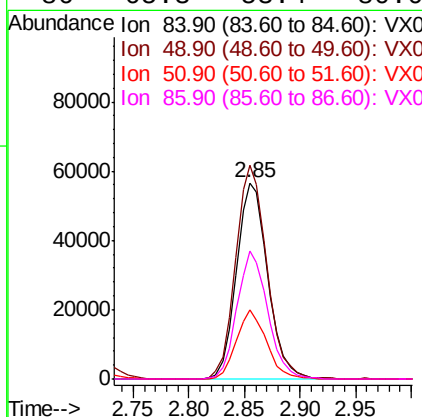
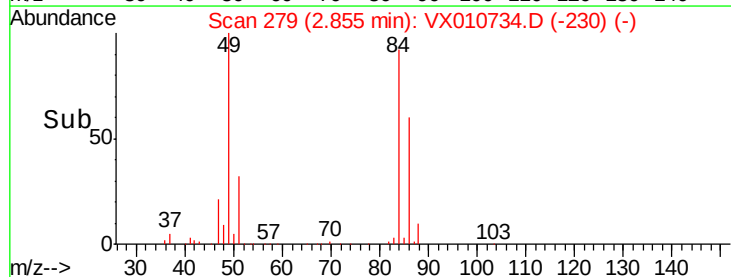
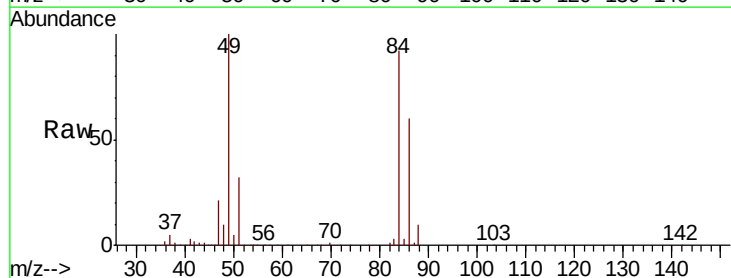
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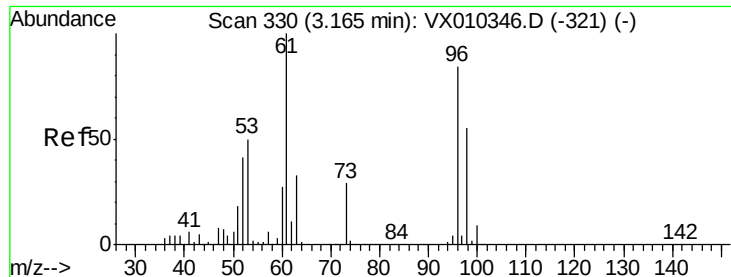
MMDadoda
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#20
Methylene Chloride
Concen: 55.206 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion: 84 Resp: 109752
Ion Ratio Lower Upper
84 100
49 109.1 87.5 131.3
51 35.3 27.7 41.5
86 65.3 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 53.716 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

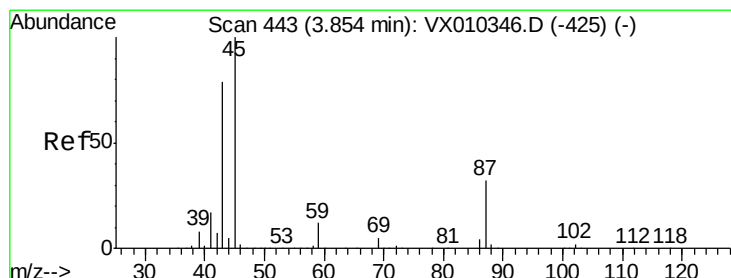
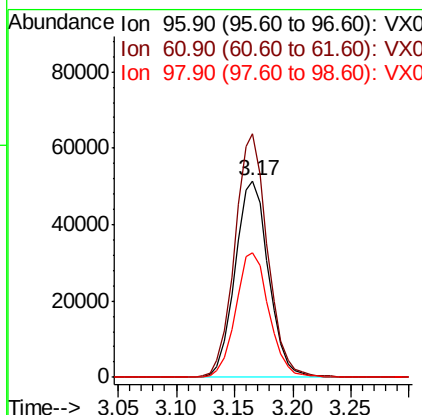
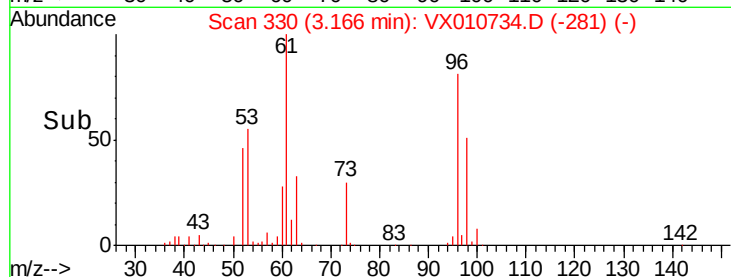
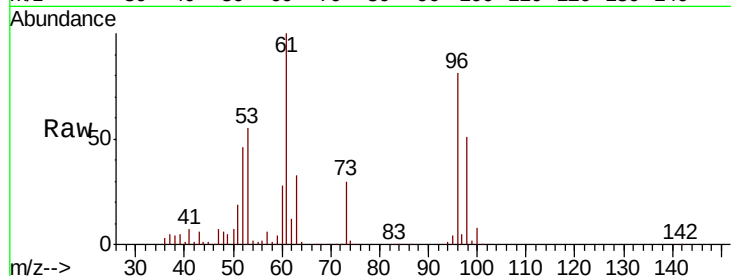
ClientSampleId :

WP022MW359-190705MS

Tgt Ion:	96	Resp:	102947
Ion	Ratio	Lower	Upper
96	100		
61	123.7	95.6	143.4
98	63.2	52.5	78.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 56.129 ug/l

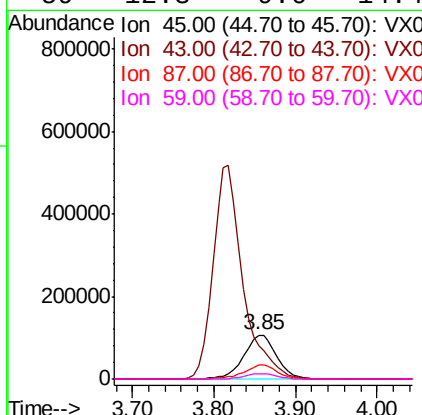
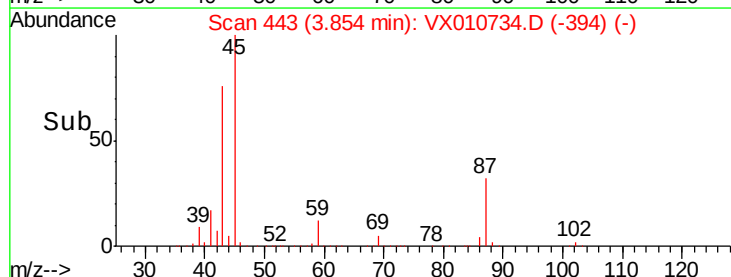
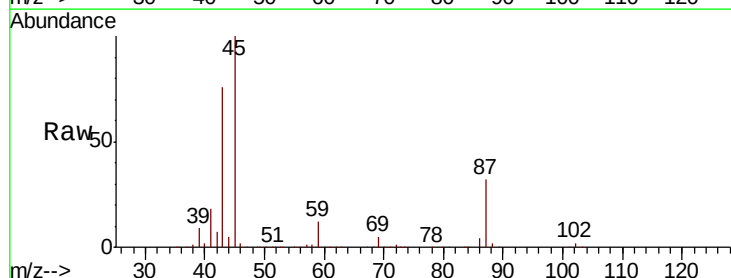
RT: 3.85 min Scan# 443

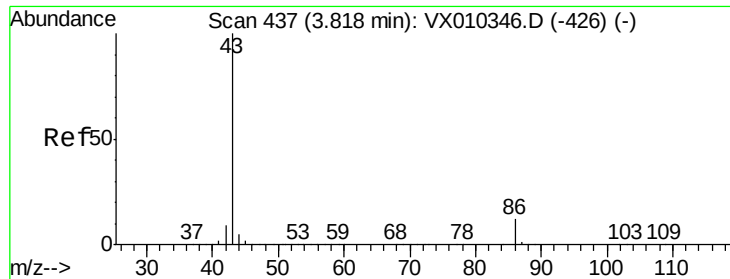
Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Tgt Ion:	45	Resp:	296888
Ion	Ratio	Lower	Upper
45	100		
43	75.1	63.3	94.9
87	32.1	25.8	38.8
59	12.3	9.6	14.4





#23

Vinyl Acetate

Concen: 289.107 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

Tgt Ion: 43 Resp: 1321056

Ion Ratio Lower Upper

43 100

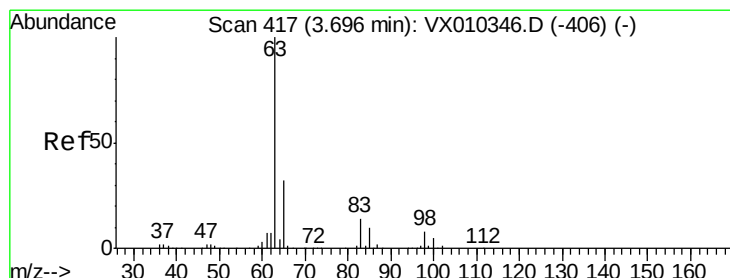
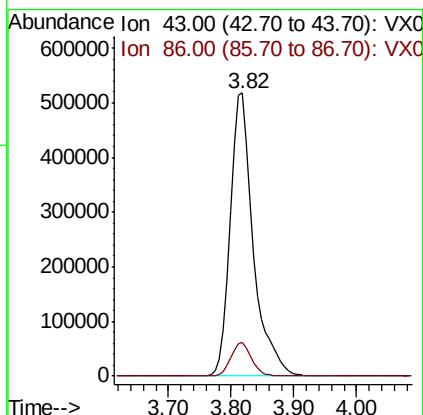
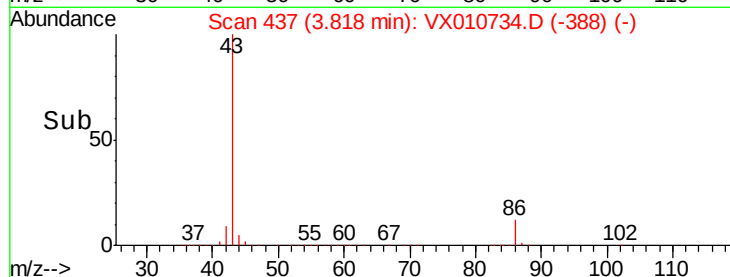
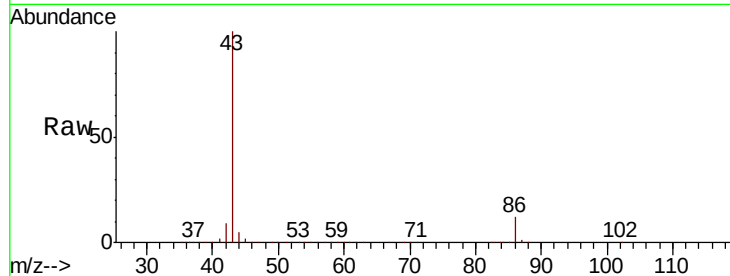
86 12.0 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 60.695 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

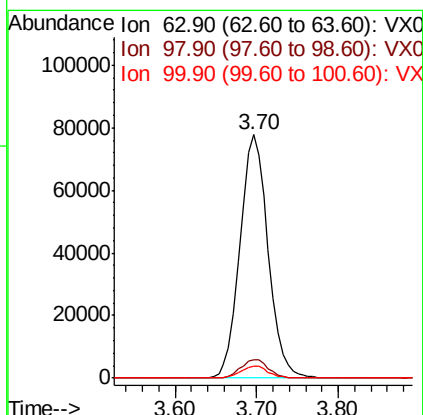
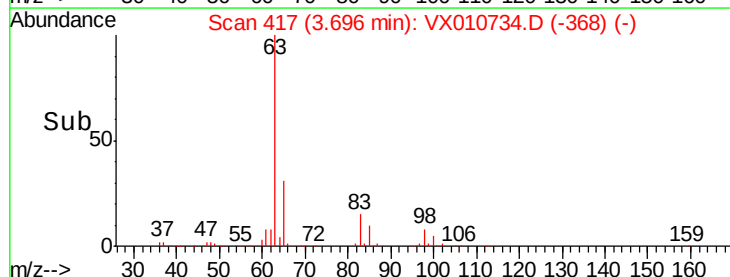
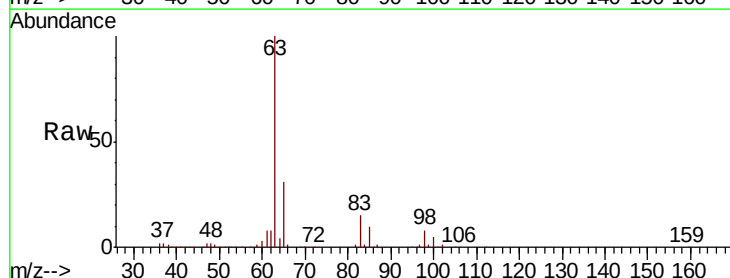
Tgt Ion: 63 Resp: 185570

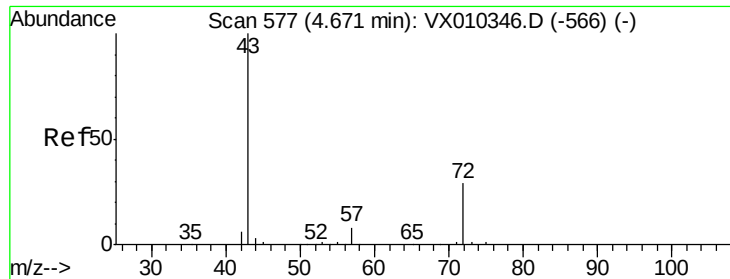
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 266.620 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

Tgt Ion: 43 Resp: 377811

Ion Ratio Lower Upper

43 100

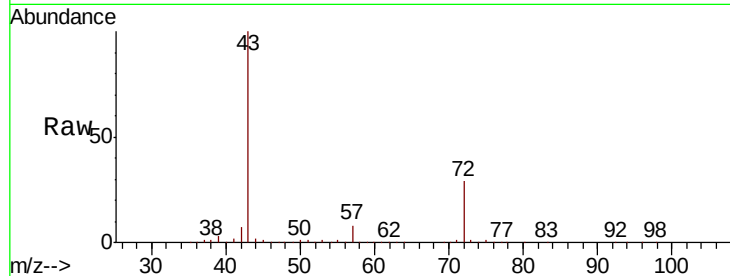
72 29.0 23.3 34.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

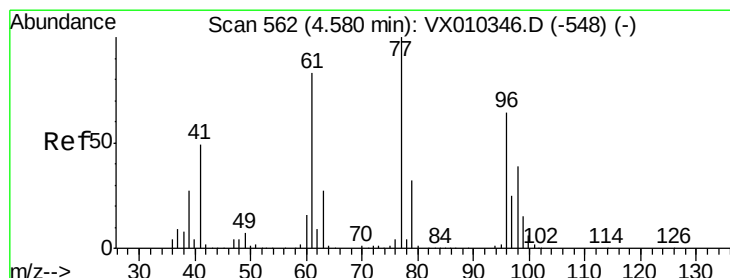
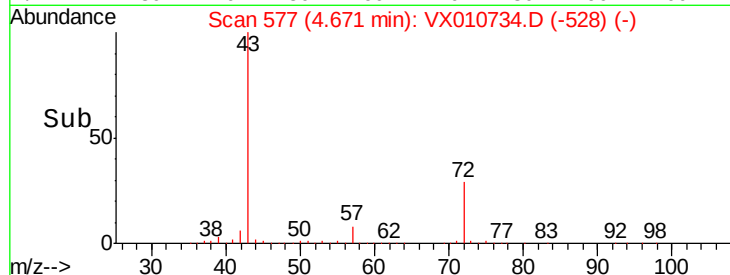
100000

50000

0

4.60 4.67 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 28.531 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010734.D

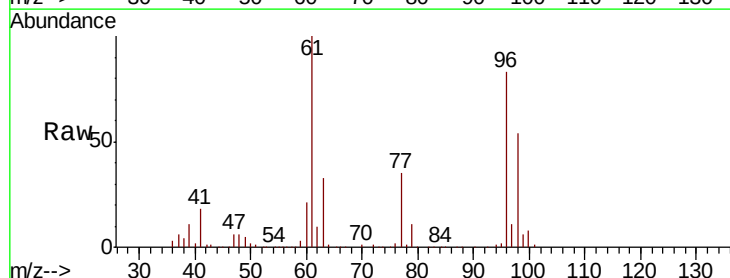
Acq: 09 Jul 2019 07:00

Tgt Ion: 77 Resp: 75777

Ion Ratio Lower Upper

77 100

97 32.1 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

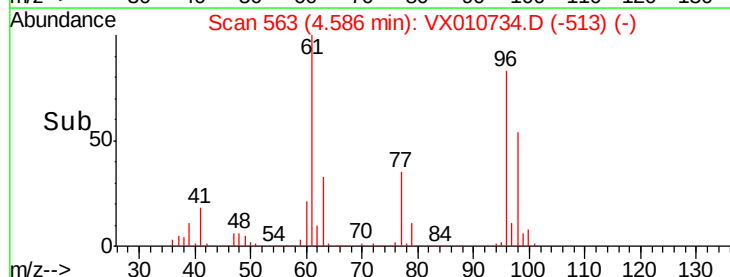
10000

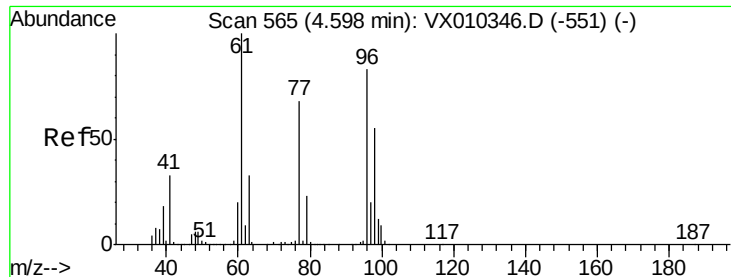
5000

0

4.50 4.59 4.60 4.70

Time-->





#27

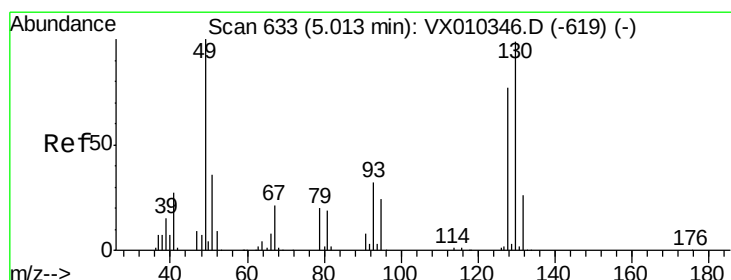
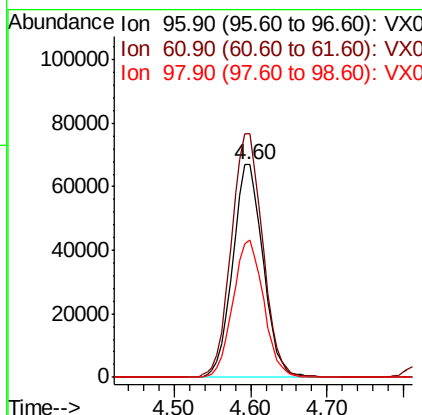
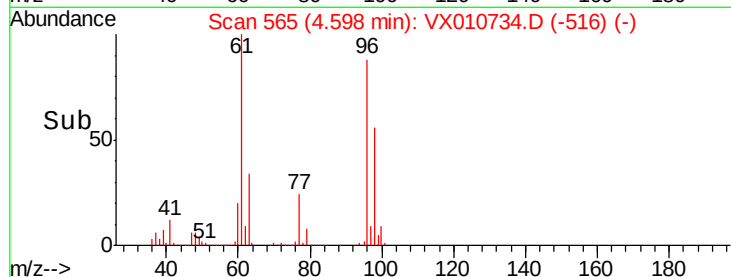
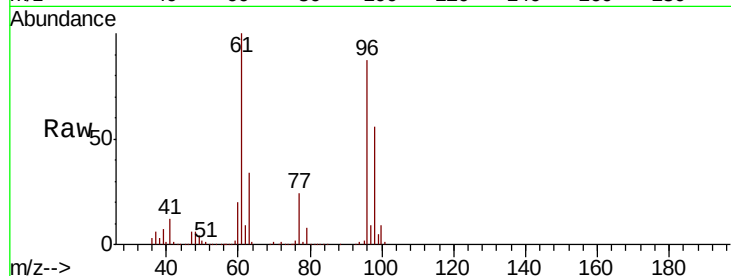
cis-1,2-Dichloroethene
Concen: 83.597 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	185141		
61	118.3	0.0	251.8	
98	65.1	0.0	129.4	

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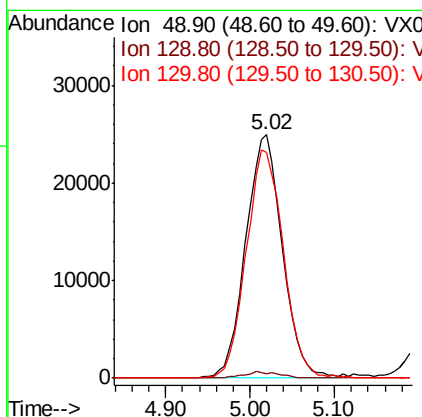
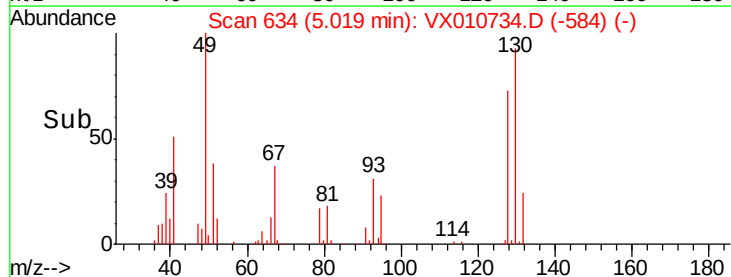
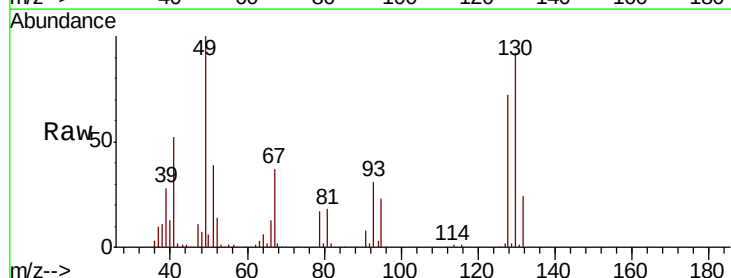
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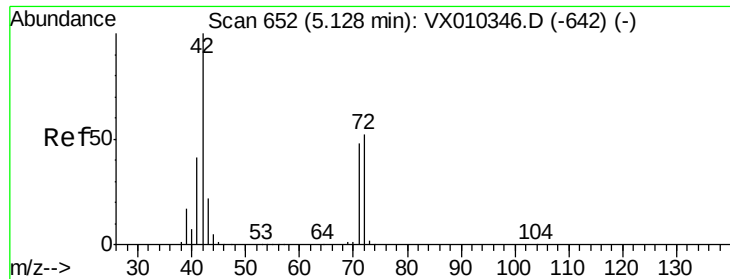


#28

Bromochloromethane
Concen: 50.684 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	74090		
129	2.6	0.0	5.6	
130	95.3	81.4	122.0	





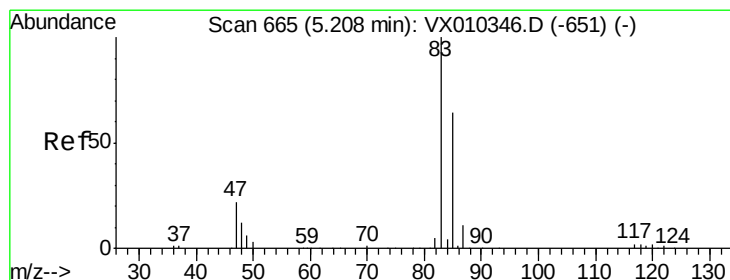
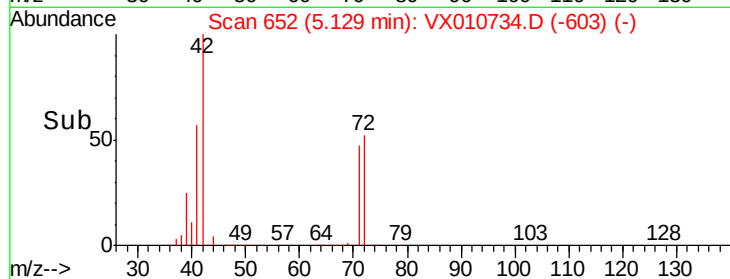
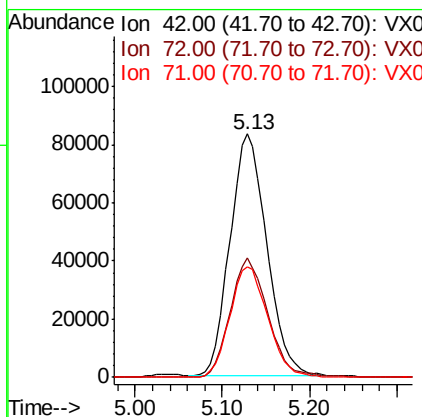
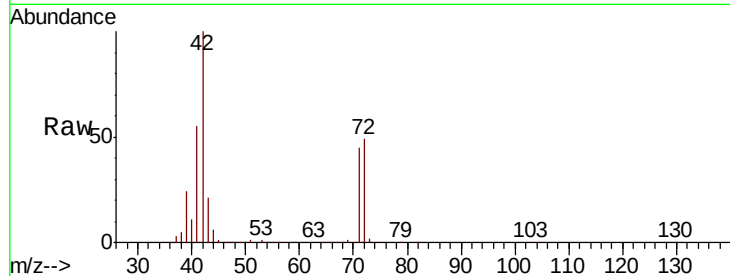
#29
Tetrahydrofuran
Concen: 278.044 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion	Ratio	Lower	Upper
42	100		
72	50.3	40.6	60.8
71	47.3	37.8	56.8

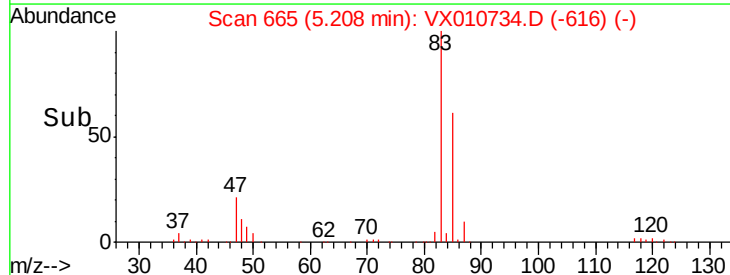
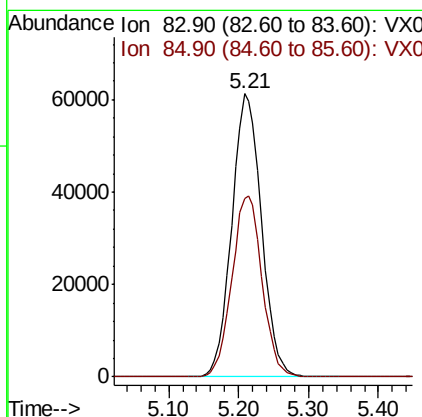
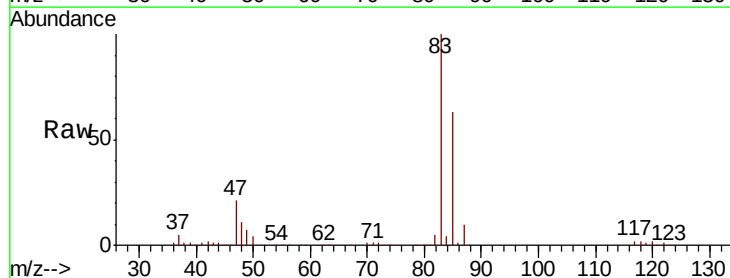
Manual Integrations
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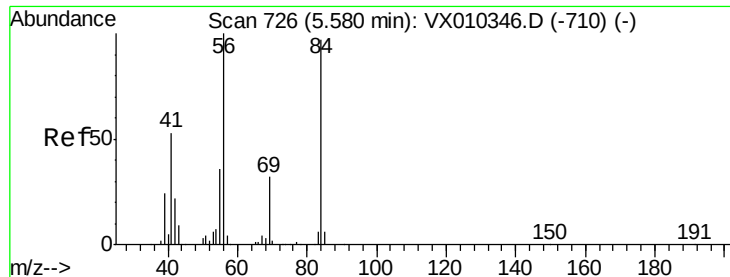
MMDadoda
7/9/2019 11:24:17 AM



#30
Chloroform
Concen: 54.992 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.9	76.3





#31

Cyclohexane

Concen: 54.783 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

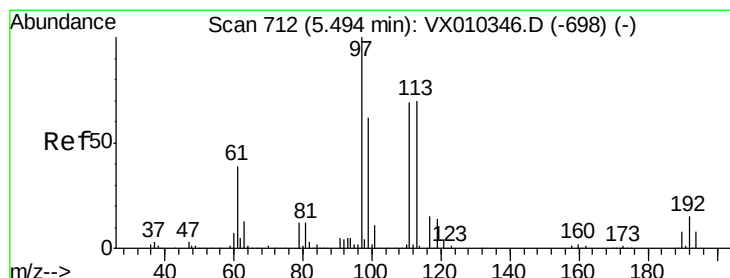
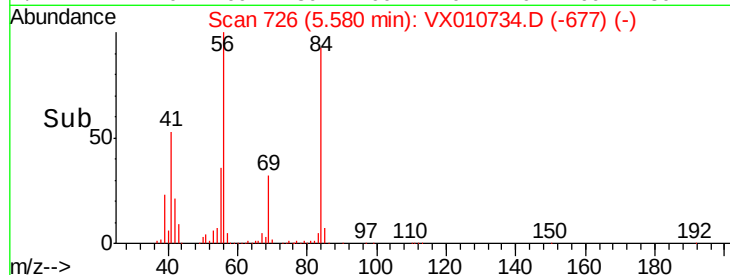
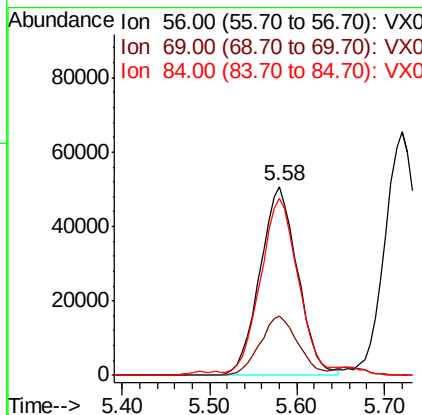
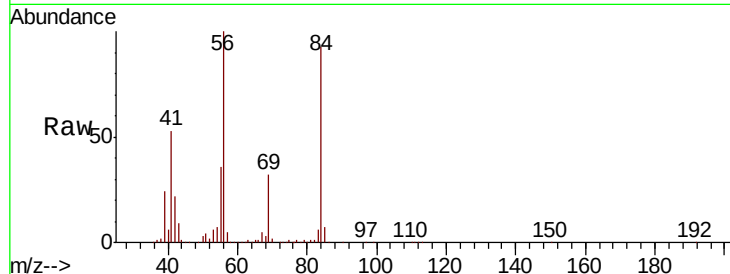
ClientSampleId :

WP022MW359-190705MS

Tgt Ion:	56	Resp:	152529
Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.9	38.9
84	92.2	78.0	117.0

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#32

1,1,1-Trichloroethane

Concen: 53.988 ug/l

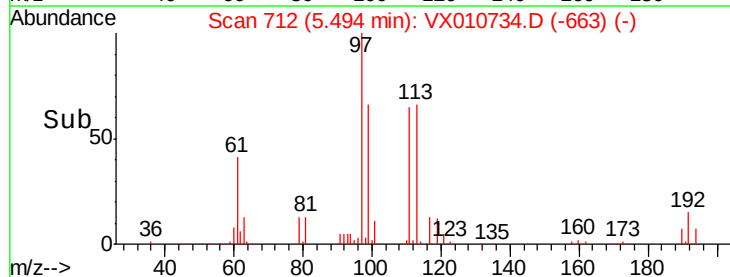
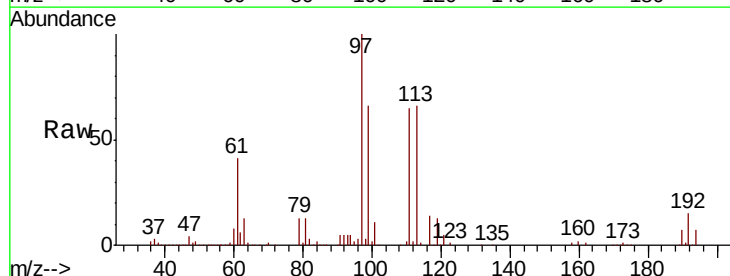
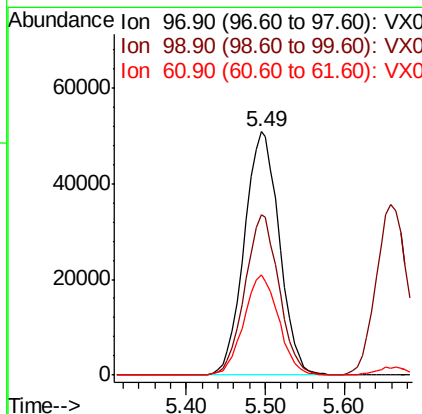
RT: 5.49 min Scan# 712

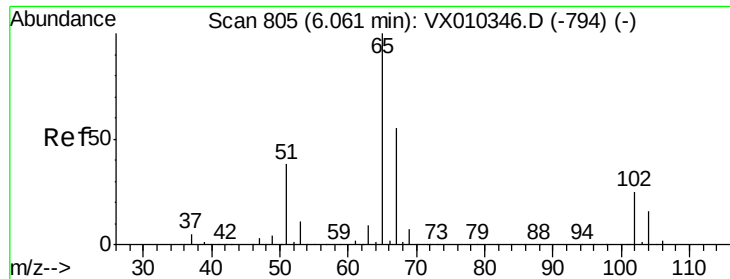
Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Tgt Ion:	97	Resp:	156820
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.8	77.8
61	40.9	32.1	48.1





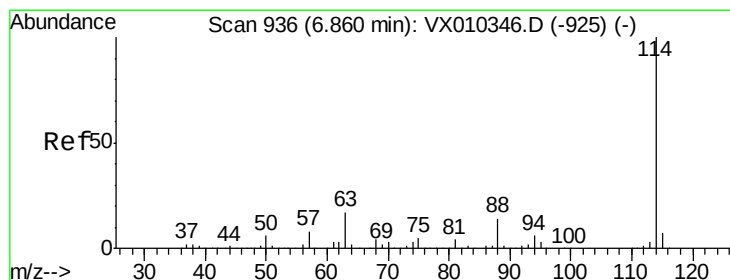
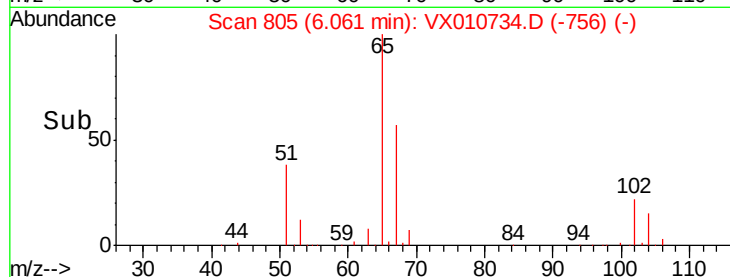
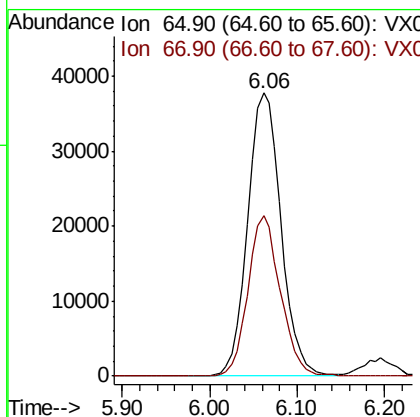
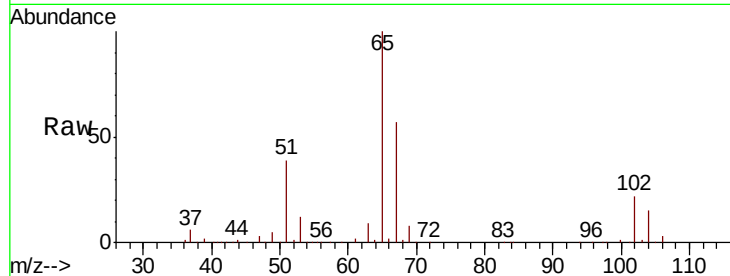
#33
 1,2-Dichloroethane-d4
 Concen: 52.012 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

Tgt Ion: 65 Resp: 100256
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.2

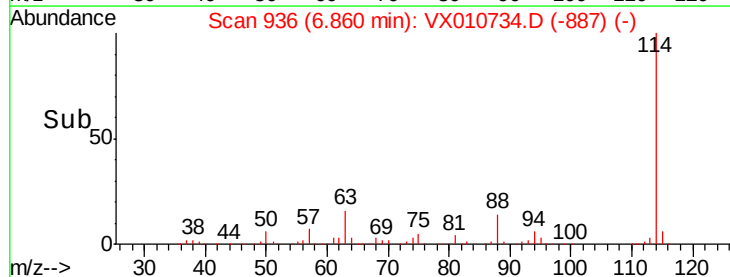
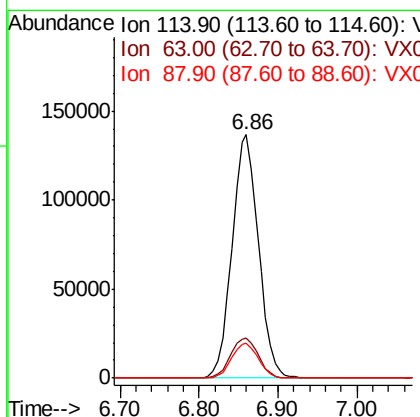
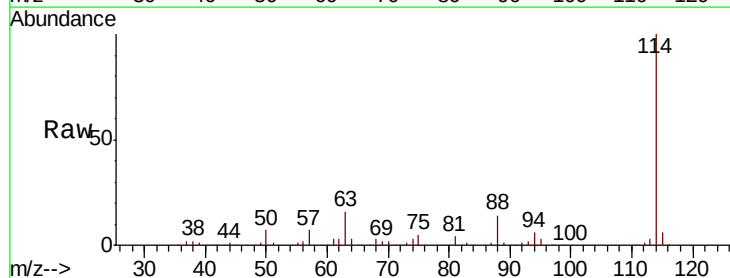
Manual Integrations
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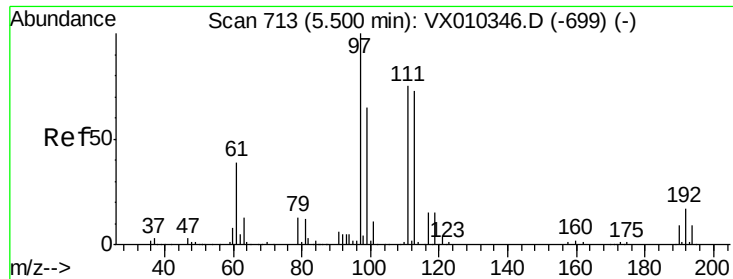
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion: 114 Resp: 317358
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 33.8
 88 14.4 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.754 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

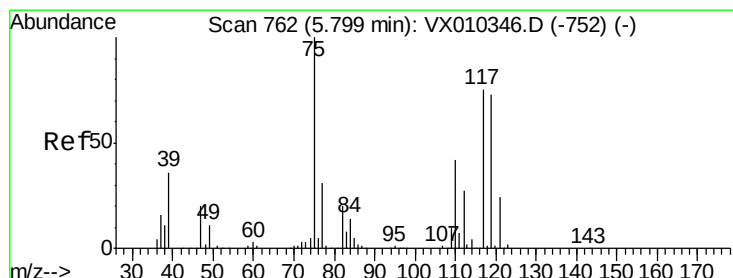
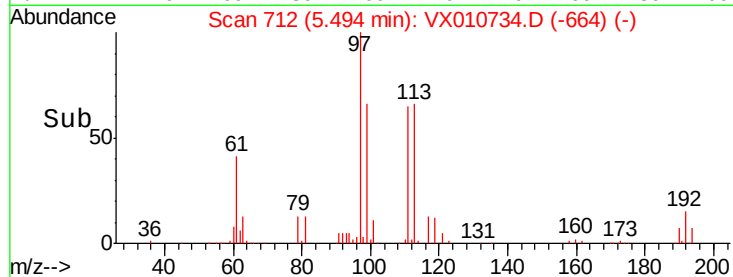
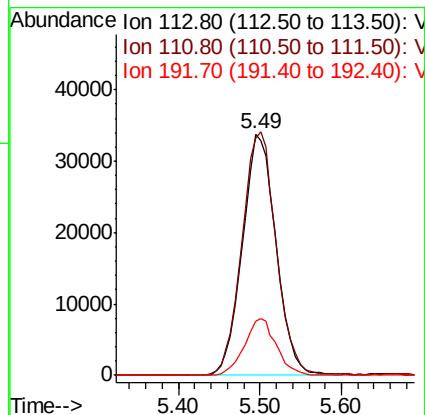
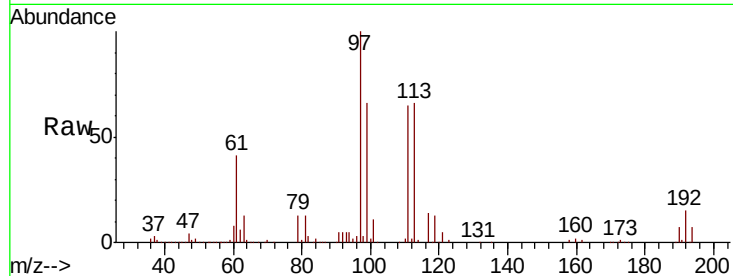
ClientSampleId :

WP022MW359-190705MS

Tgt Ion:	113	Resp:	96607
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.2	121.8
192	22.3	18.6	27.8

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#36

1,1-Dichloropropene

Concen: 51.425 ug/l

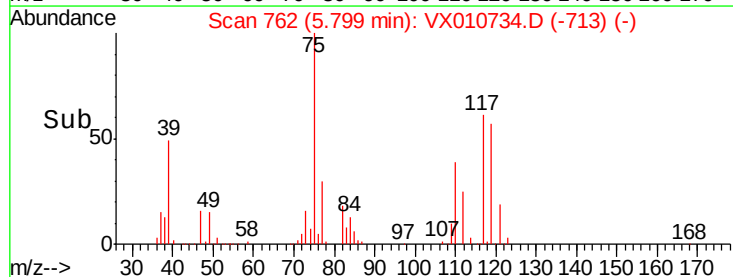
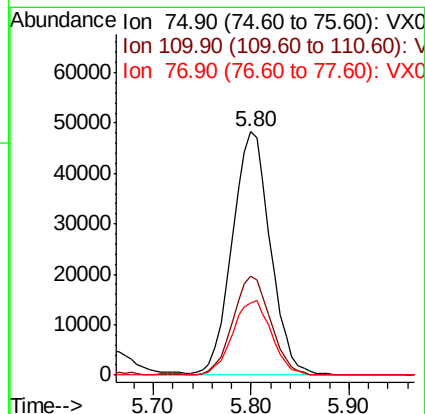
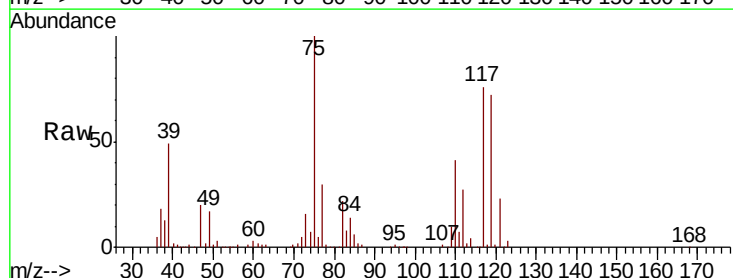
RT: 5.80 min Scan# 762

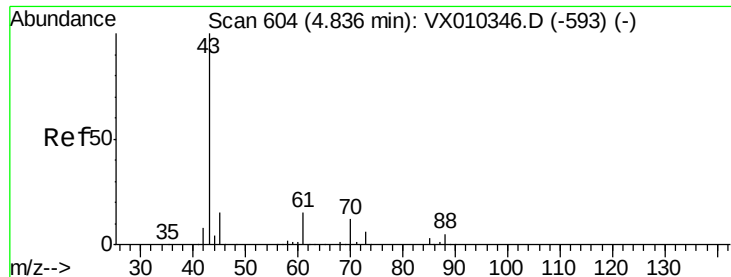
Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Tgt Ion:	75	Resp:	129688
Ion	Ratio	Lower	Upper
75	100		
110	41.0	20.8	62.2
77	31.6	25.4	38.0





#37

Ethyl Acetate

Concen: 55.785 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

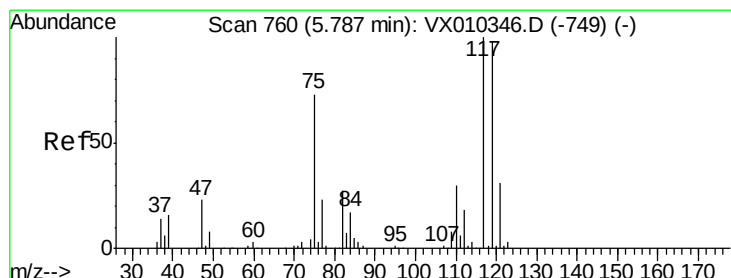
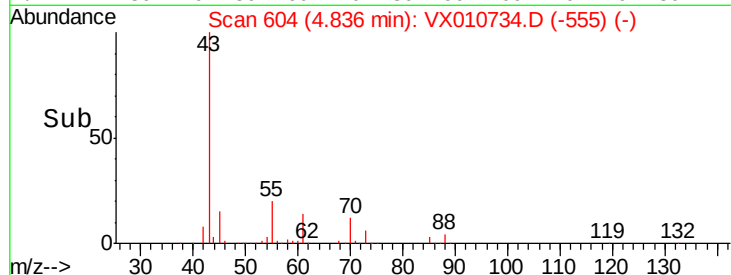
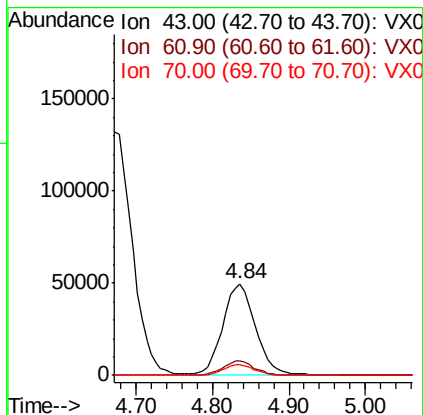
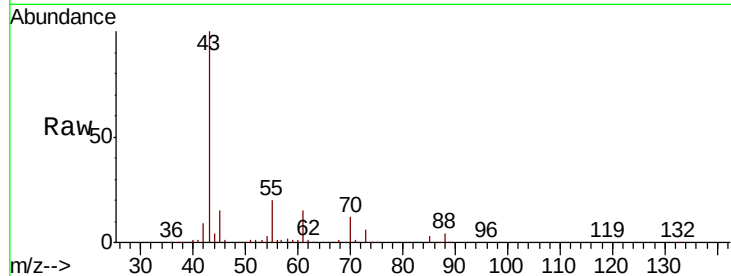
ClientSampleId :

WP022MW359-190705MS

Tgt Ion:	43	Resp:	144731
Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.4	18.6
70	11.6	9.8	14.8

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#38

Carbon Tetrachloride

Concen: 50.488 ug/l

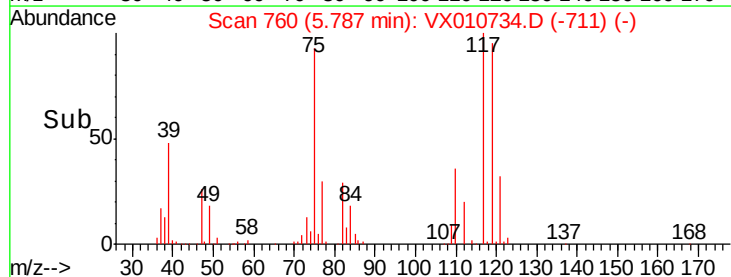
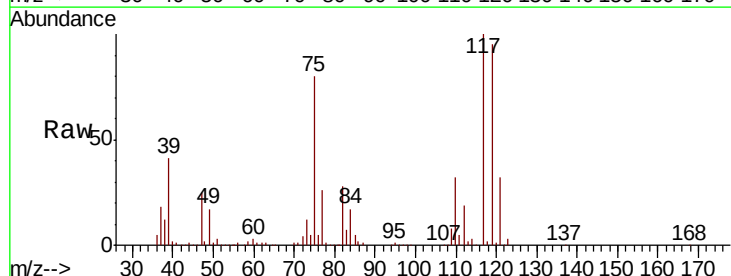
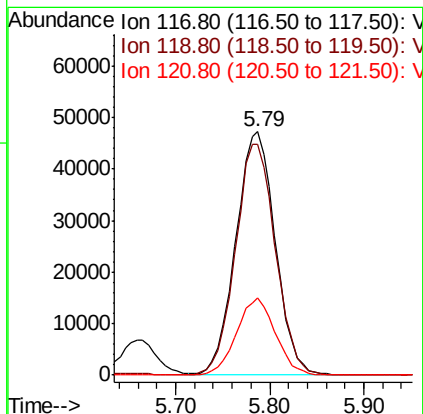
RT: 5.79 min Scan# 760

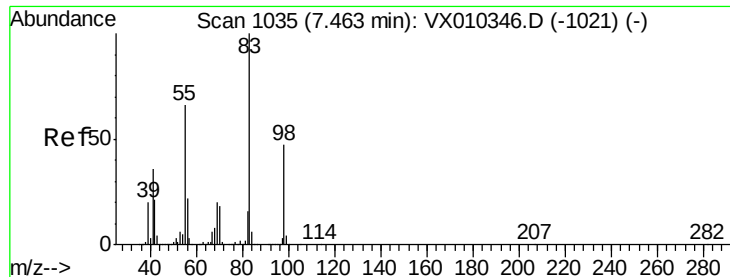
Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Tgt Ion:	117	Resp:	137877
Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.2	117.4
121	32.0	24.7	37.1





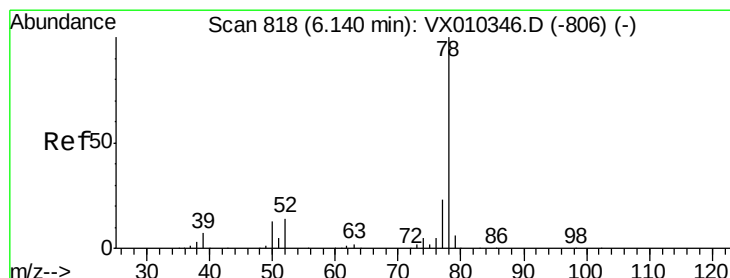
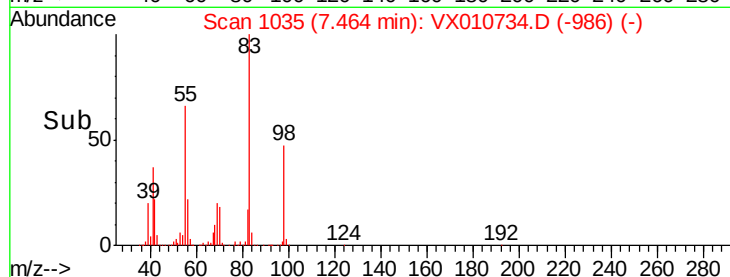
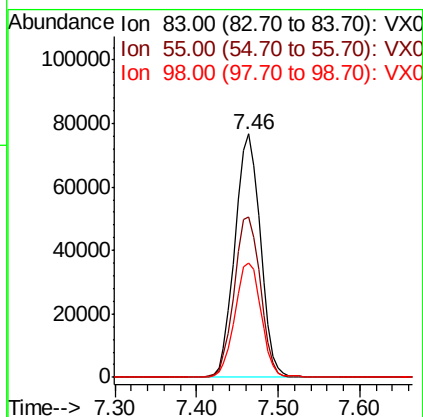
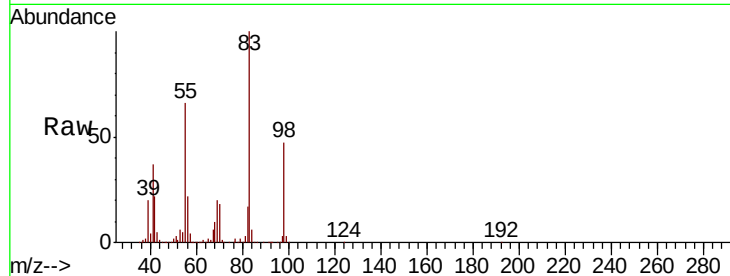
#39
Methylcyclohexane
Concen: 49.880 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion	Ratio	Lower	Upper
83	100		
55	66.0	53.0	79.6
98	46.9	37.8	56.8

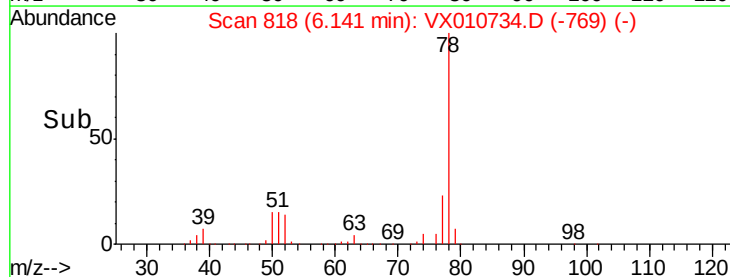
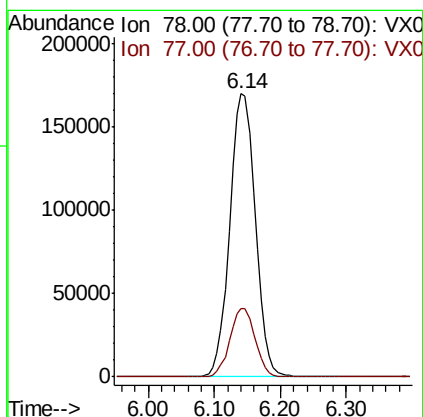
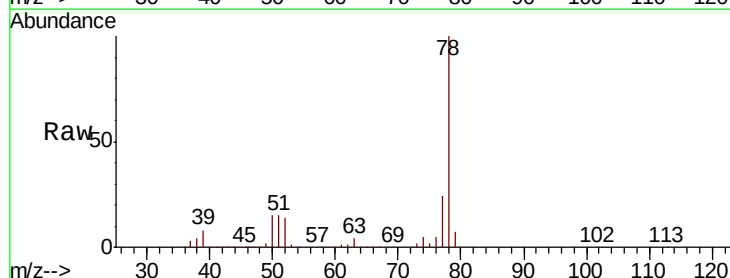
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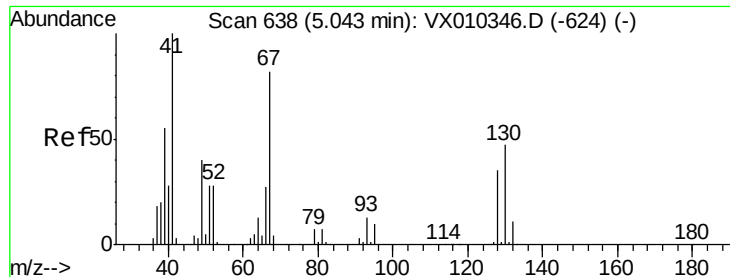
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#40
Benzene
Concen: 57.991 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	28.0





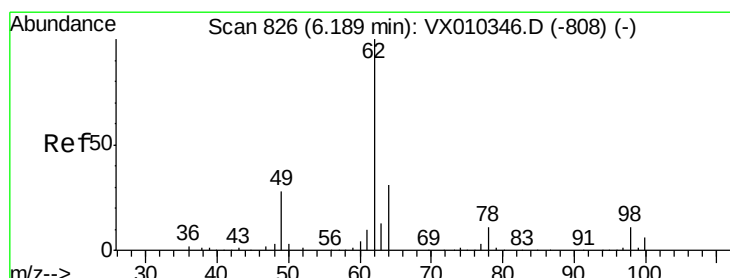
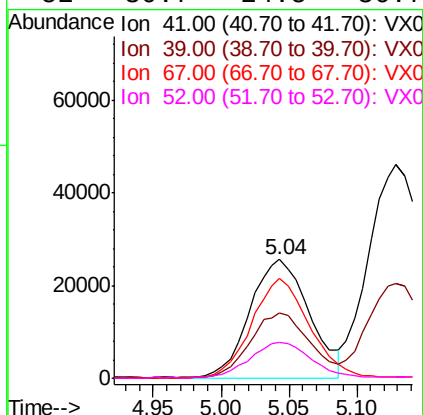
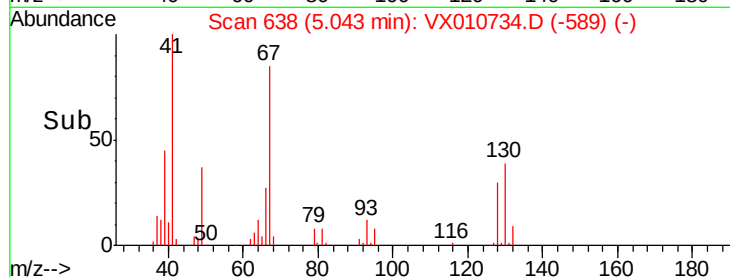
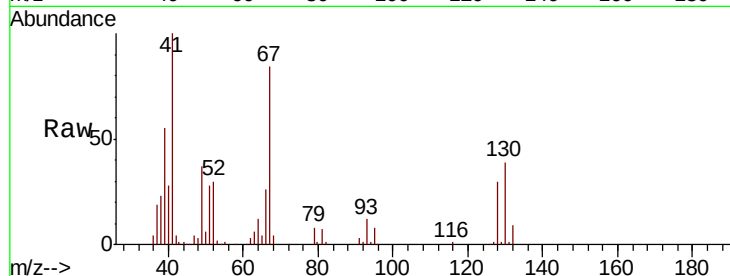
#41
Methacrylonitrile
Concen: 54.268 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	43.8	65.8	
67	83.1	66.6	100.0	
52	30.7	24.5	36.7	

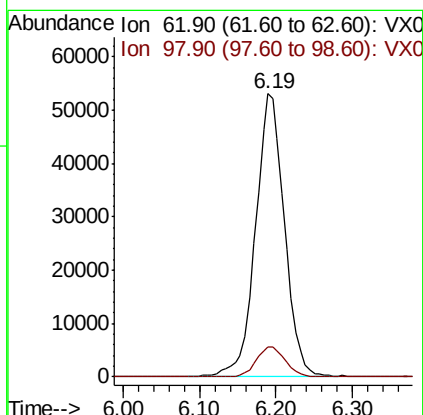
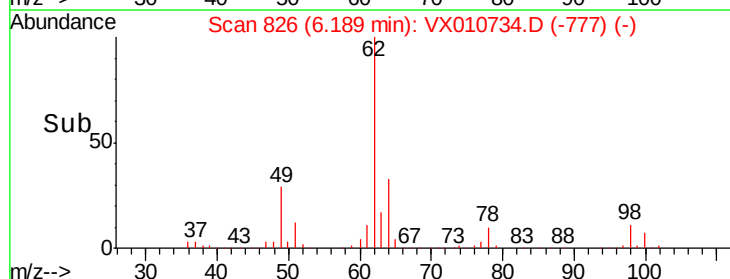
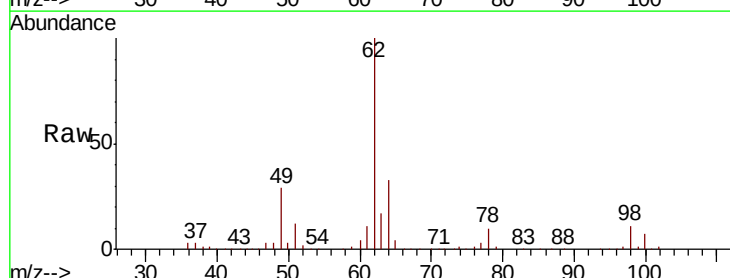
Manual Integrations
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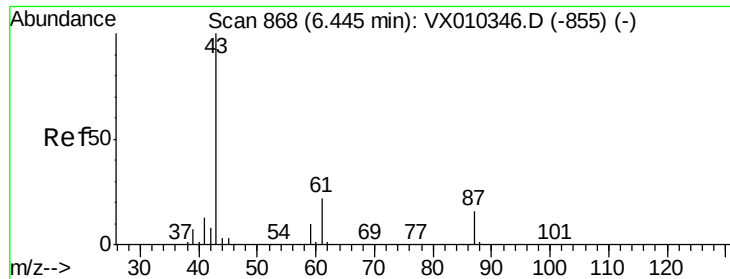
MMDadoda
7/9/2019 11:24:17 AM



#42
1,2-Dichloroethane
Concen: 58.369 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.7	0.0	22.2	





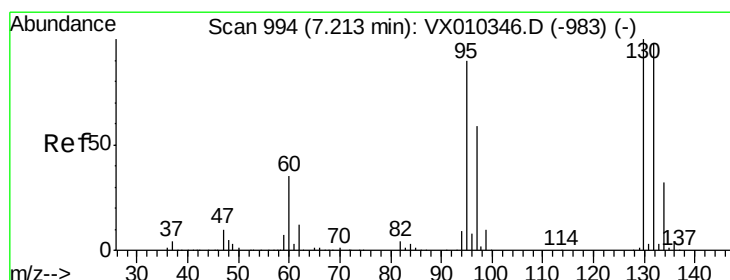
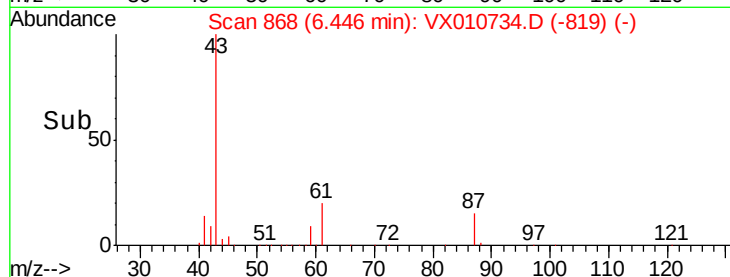
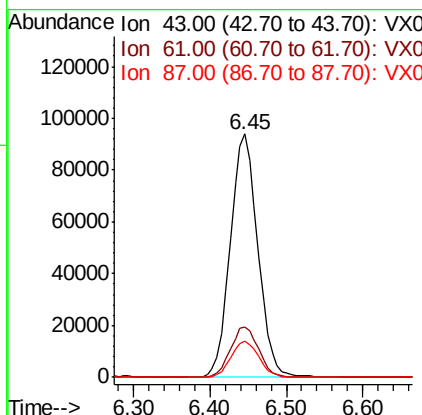
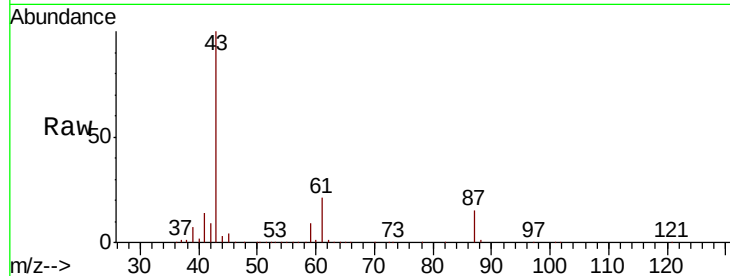
#43
Isopropyl Acetate
Concen: 53.973 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.8	26.6
87	15.3	13.0	19.4

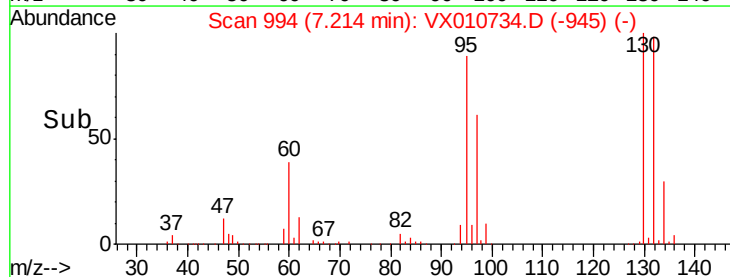
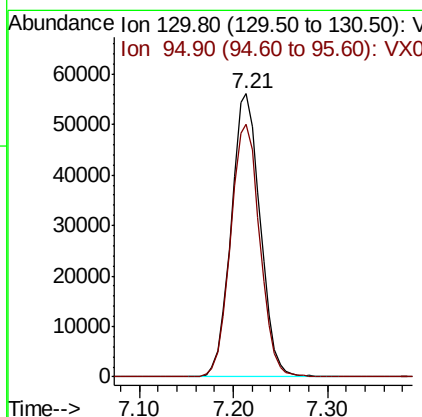
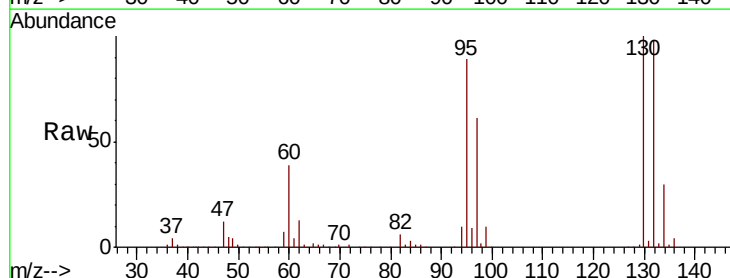
Manual Integrations
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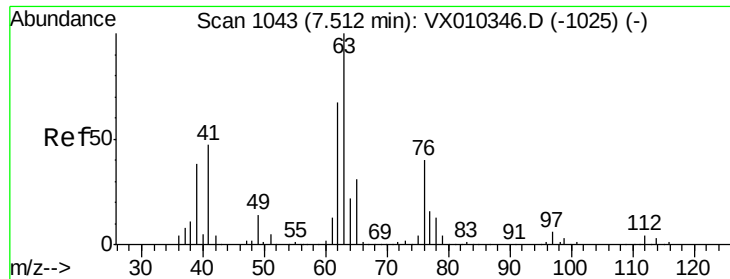
MMDadoda
7/9/2019 11:24:17 AM



#44
Trichloroethene
Concen: 51.103 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.3	0.0	180.8





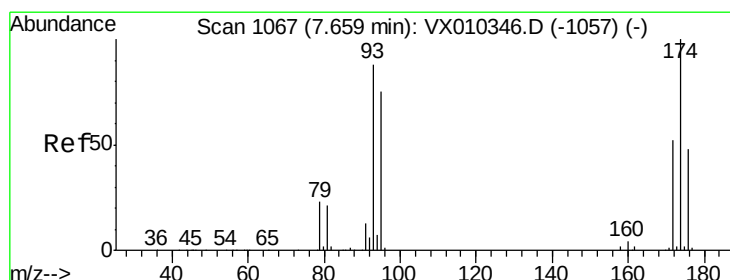
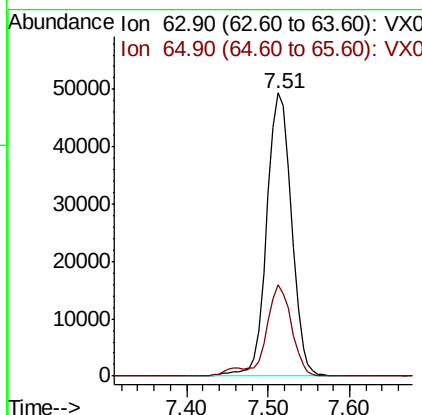
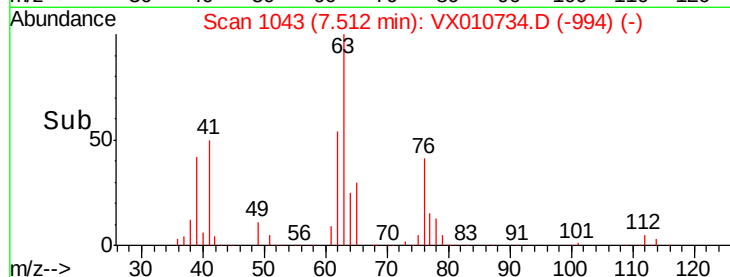
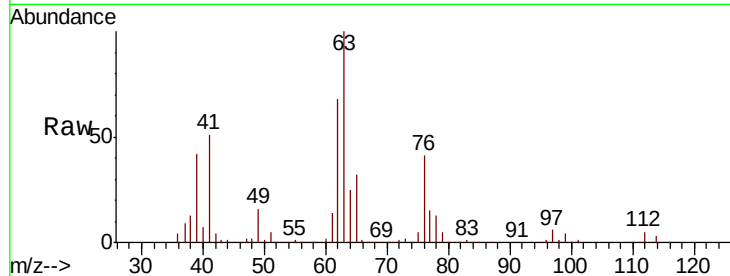
#45
 1,2-Dichloropropane
 Concen: 52.532 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

Tgt Ion: 63 Resp: 104228
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.8 37.2

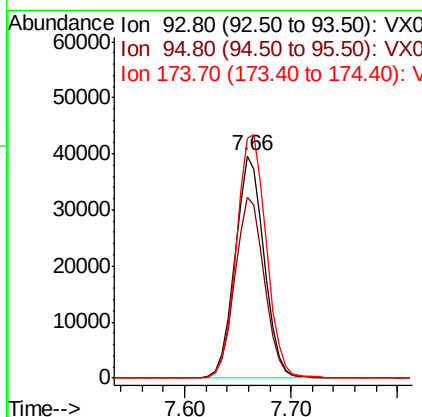
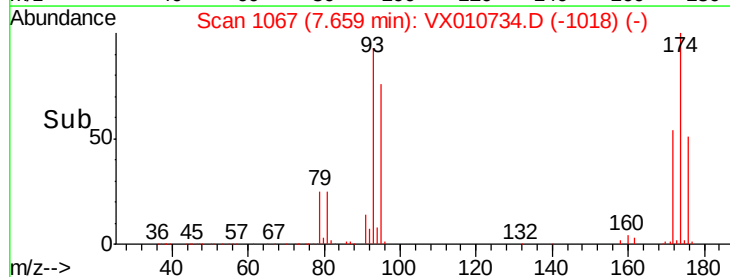
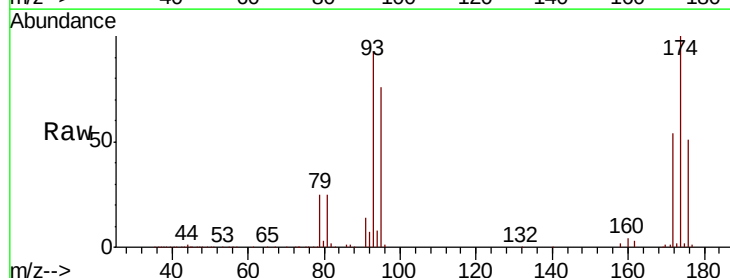
Manual Integrations
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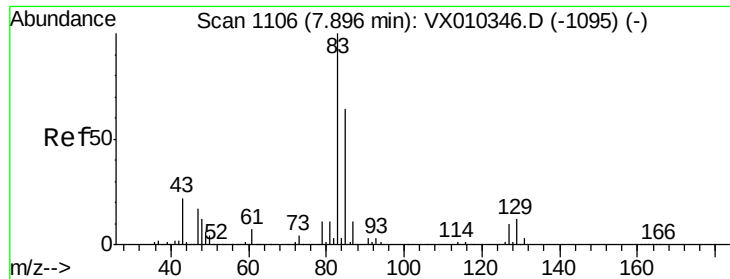
MMDadoda
 7/9/2019 11:24:17 AM



#46
 Dibromomethane
 Concen: 53.420 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion: 93 Resp: 76046
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.5 101.3
 174 112.8 95.8 143.6





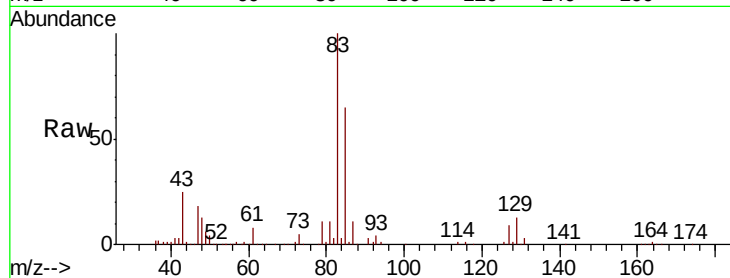
#47
Bromodichloromethane
Concen: 51.484 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.5	77.3
127	9.4	7.8	11.8

Manual Integrations
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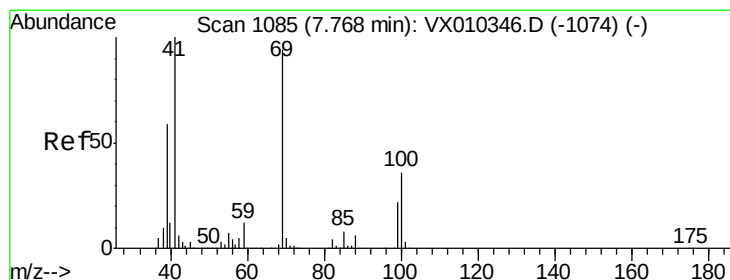
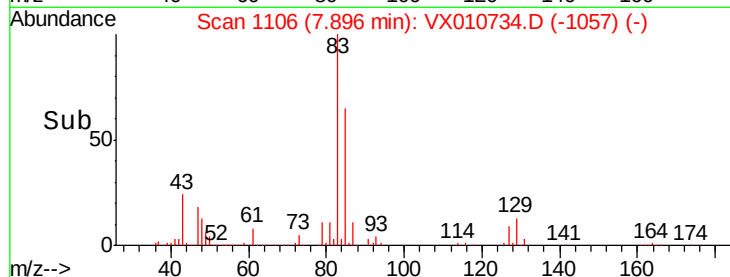
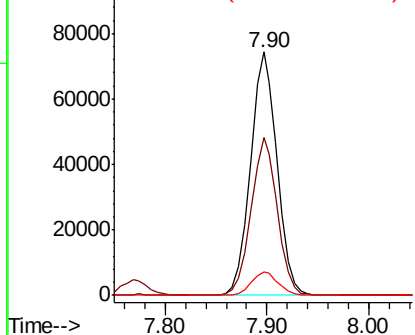


Abundance

Ion 82.90 (82.60 to 83.60): VX0

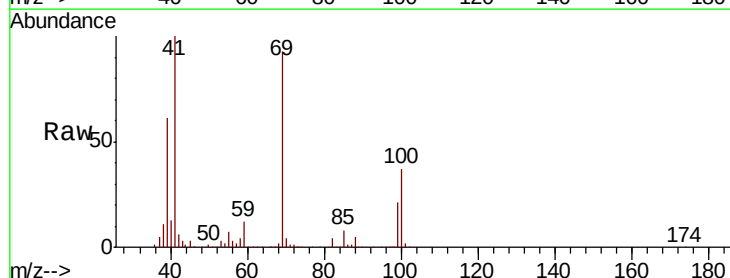
Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48
Methyl methacrylate
Concen: 55.011 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion	Ratio	Lower	Upper
41	100		
69	94.2	76.1	114.1
39	60.0	47.6	71.4

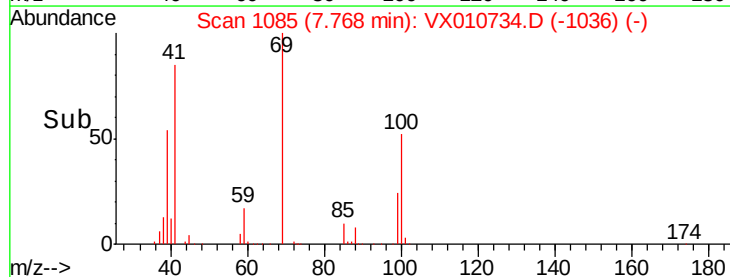
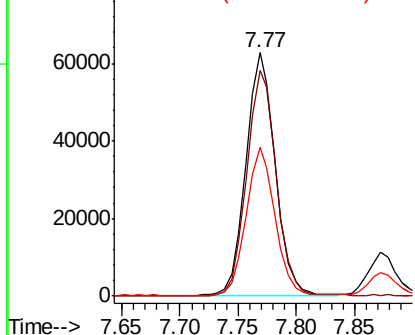


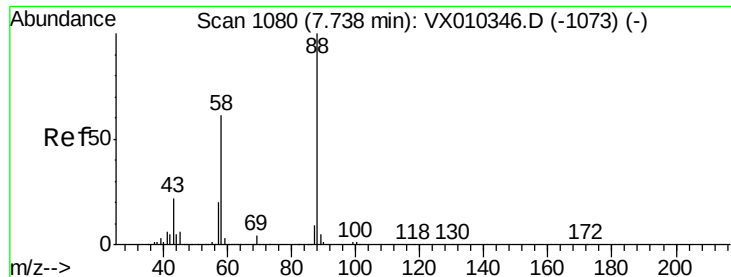
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





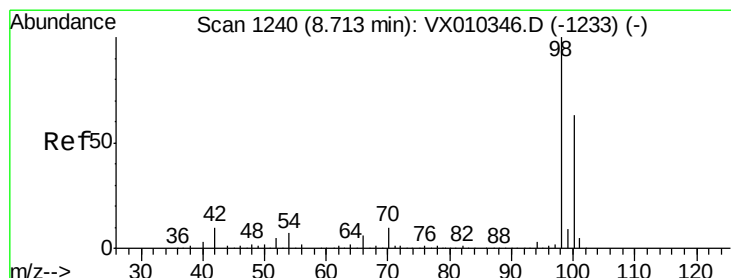
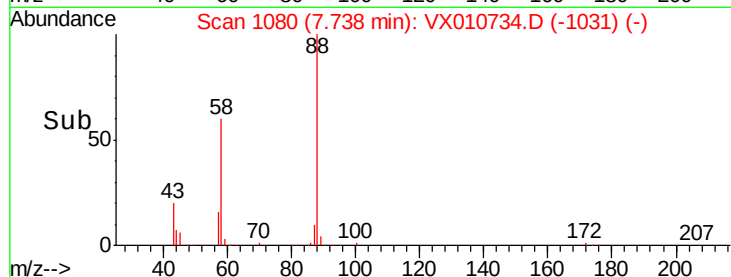
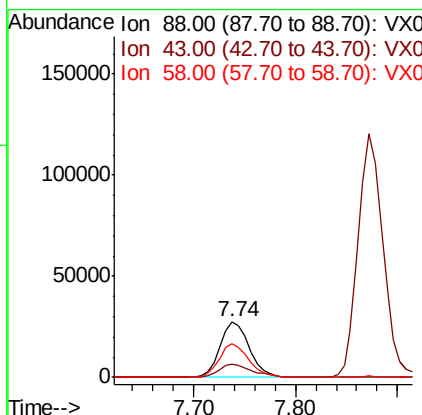
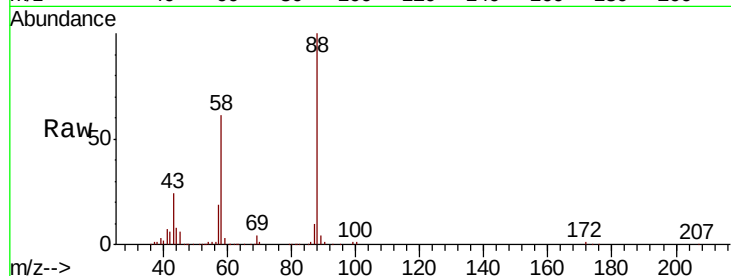
#49
1,4-Dioxane
Concen: 955.509 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.9	20.2	30.2
58	62.1	49.5	74.3

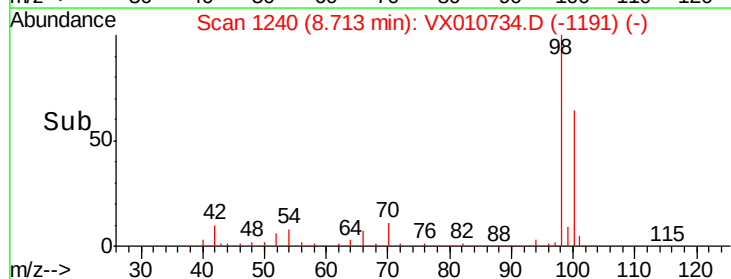
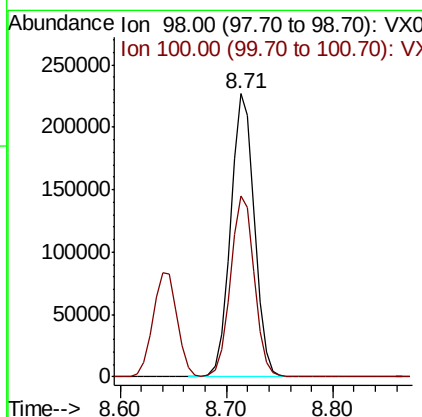
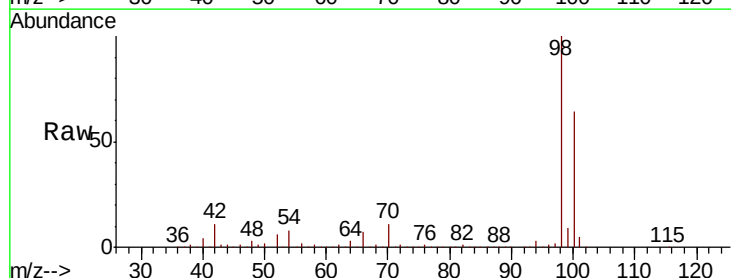
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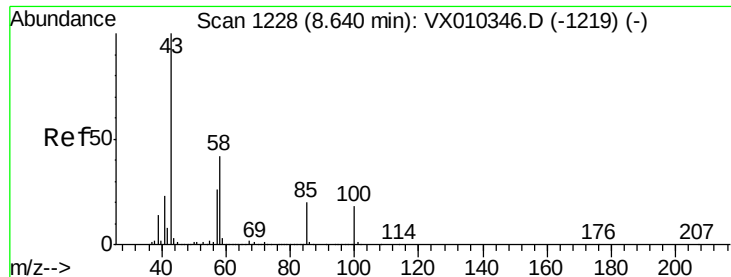
MMDadoda
7/9/2019 11:24:17 AM



#50
Toluene-d8
Concen: 47.758 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





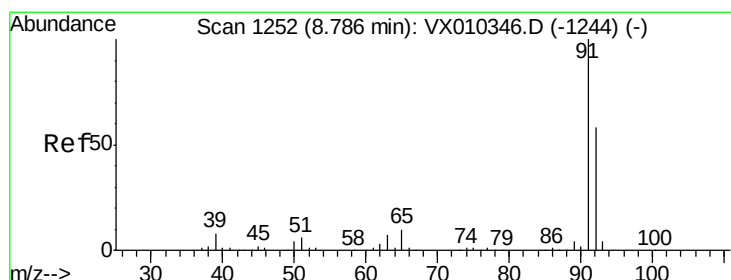
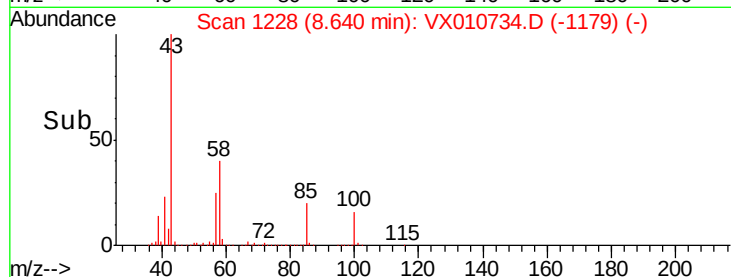
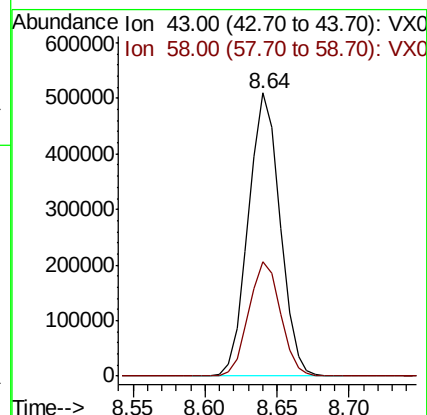
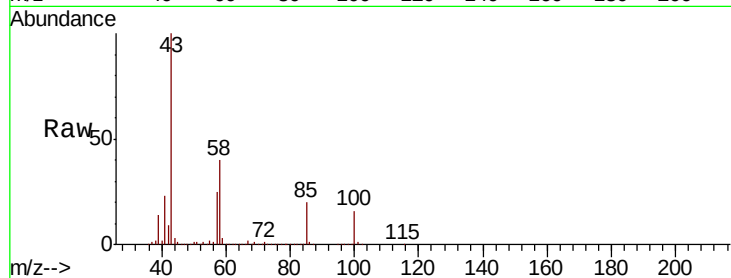
#51
4-Methyl-2-Pentanone
Concen: 282.572 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion: 43 Resp: 775738
Ion Ratio Lower Upper
43 100
58 40.7 33.5 50.3

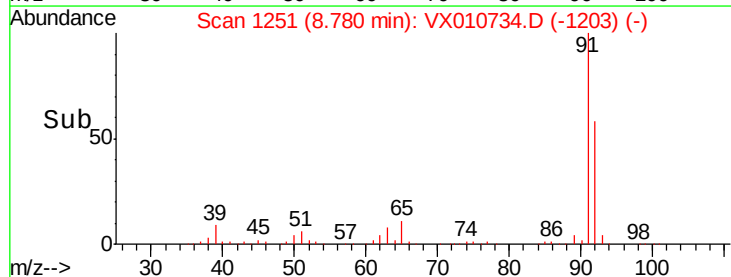
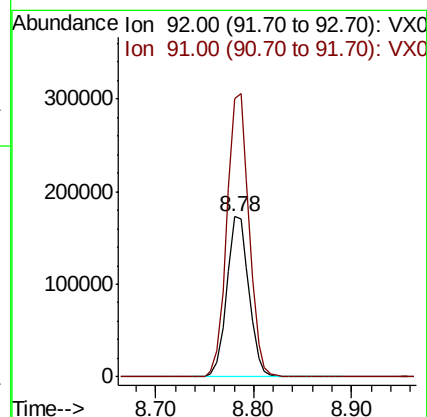
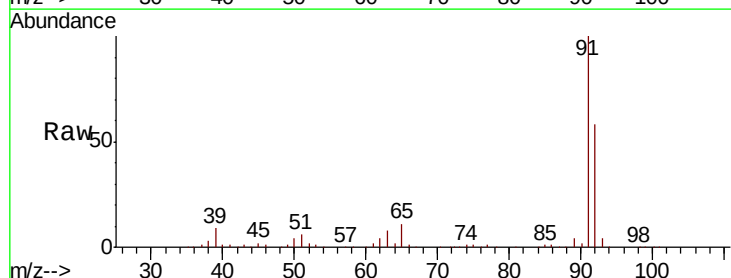
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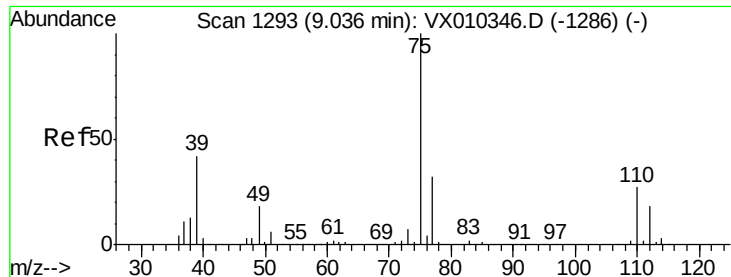
MMDadoda
7/9/2019 11:24:17 AM



#52
Toluene
Concen: 52.267 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion: 92 Resp: 270431
Ion Ratio Lower Upper
92 100
91 177.3 139.8 209.6





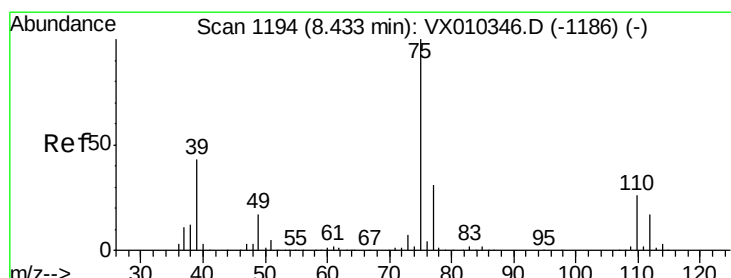
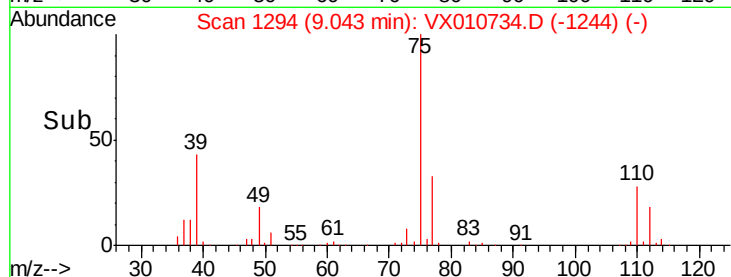
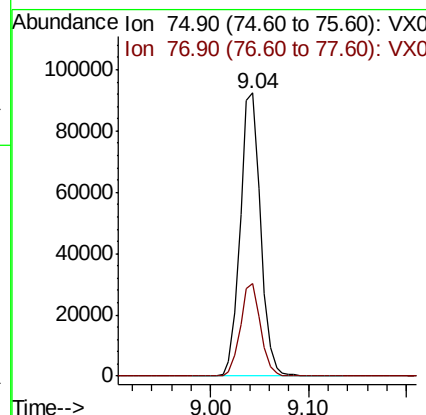
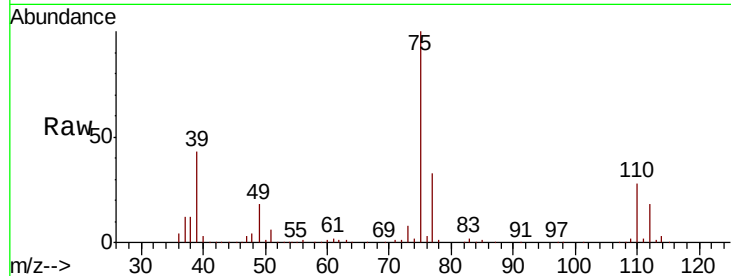
#53
t-1,3-Dichloropropene
Concen: 45.695 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion: 75 Resp: 133651
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2

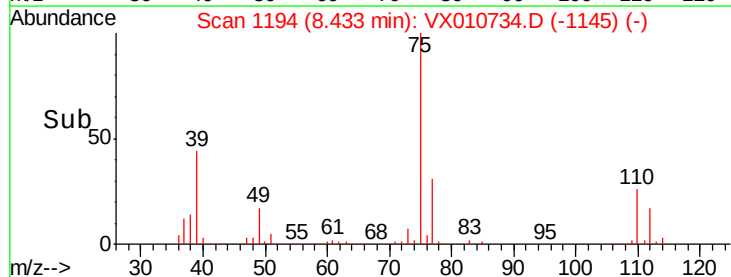
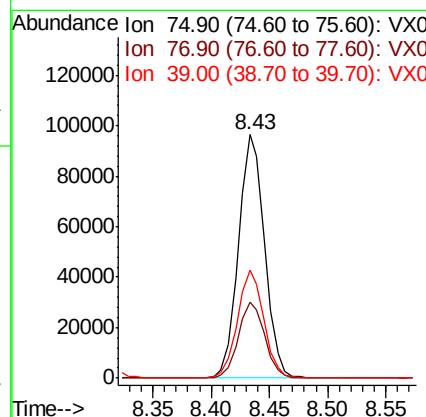
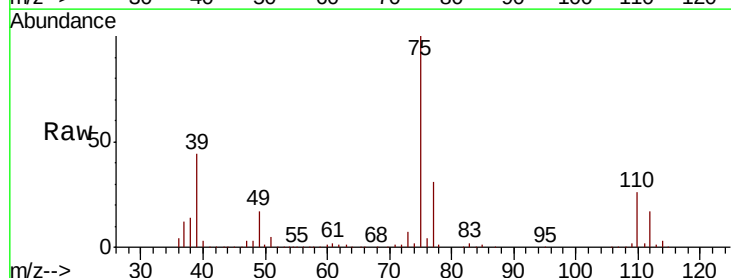
Manual Integrations
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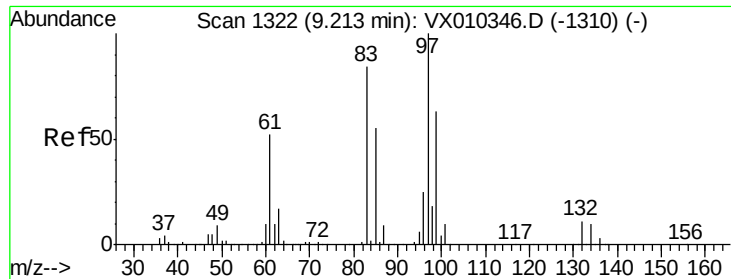
MMDadoda
7/9/2019 11:24:17 AM



#54
cis-1,3-Dichloropropene
Concen: 47.564 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion: 75 Resp: 151181
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8
39 44.3 34.5 51.7





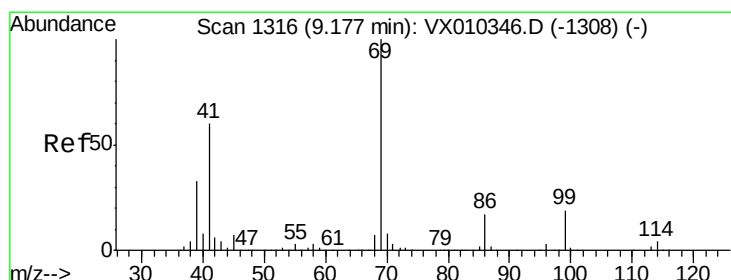
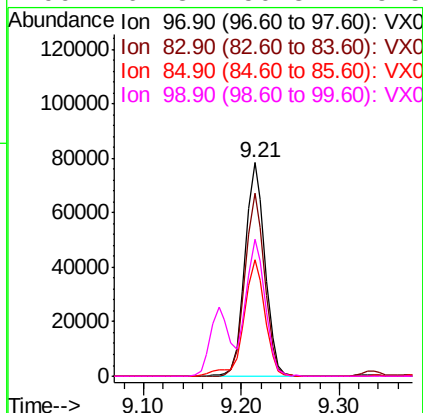
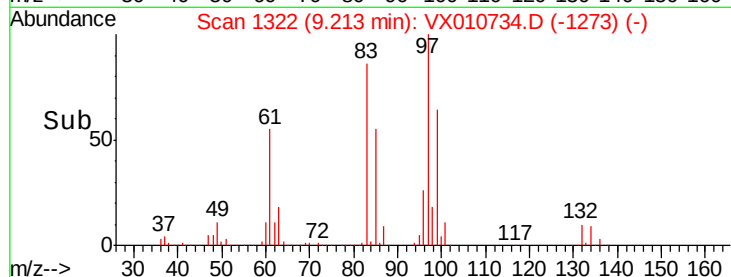
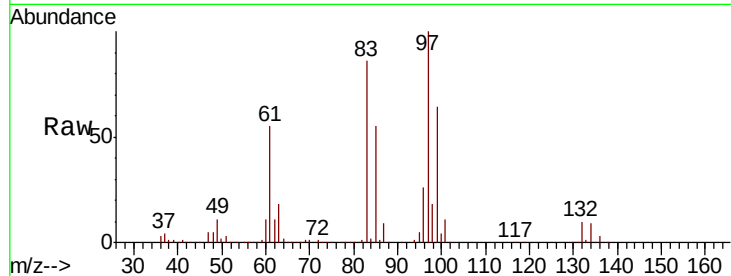
#55
 1,1,2-Trichloroethane
 Concen: 52.384 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.4	101.0
85	54.6	43.8	65.8
99	64.3	50.3	75.5

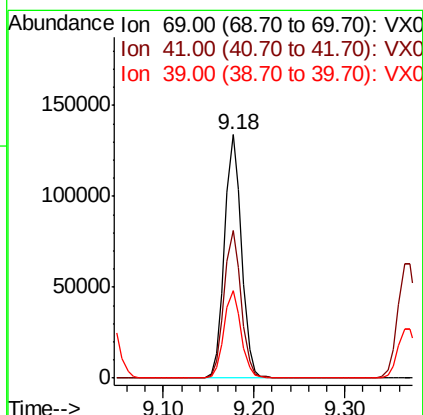
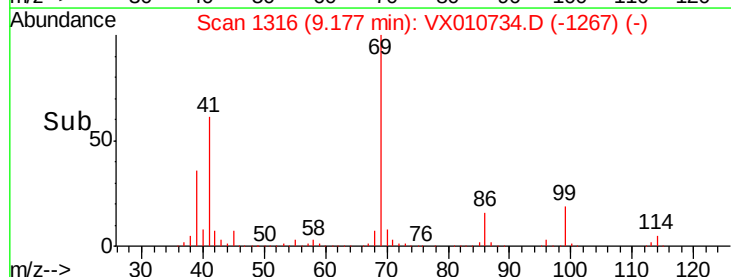
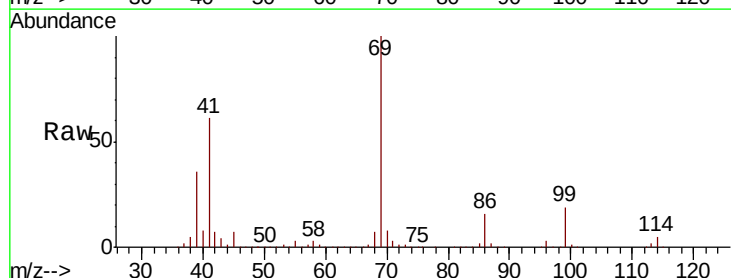
Manual Integrations
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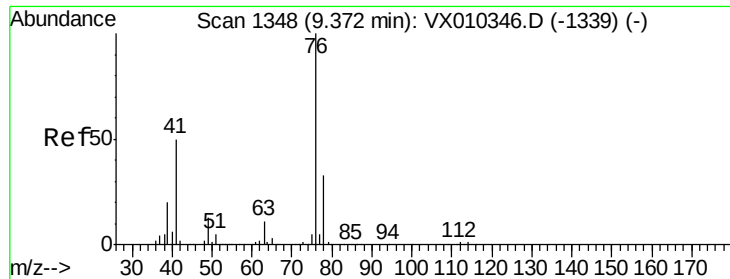
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 7/9/2019 11:24:17 AM



#56
 Ethyl methacrylate
 Concen: 54.189 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.6	47.1	70.7
39	36.0	26.6	40.0





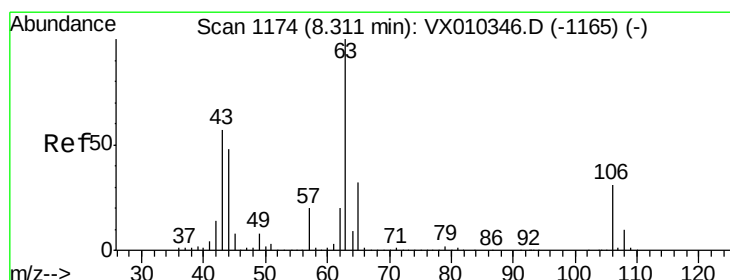
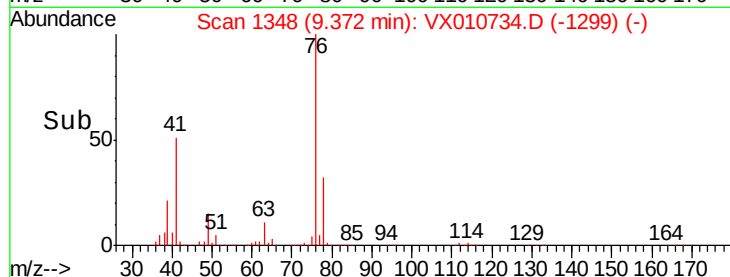
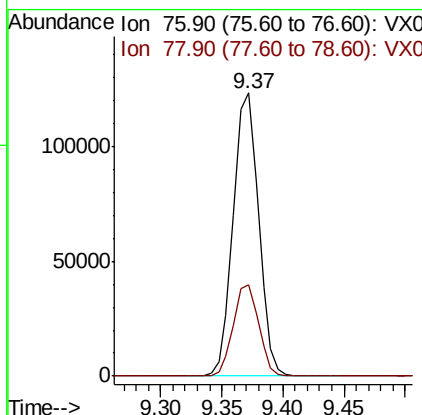
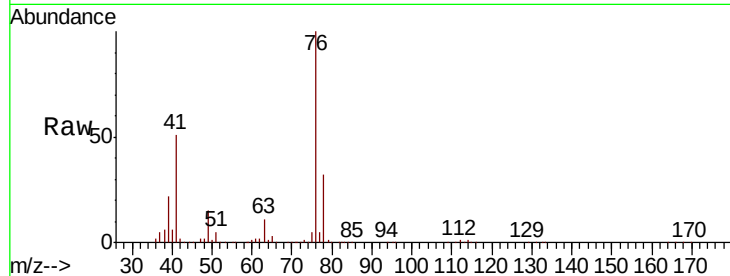
#57
 1,3-Dichloropropane
 Concen: 53.486 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

Tgt Ion: 76 Resp: 177168
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1

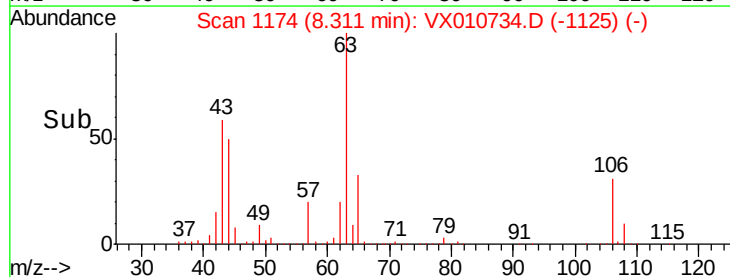
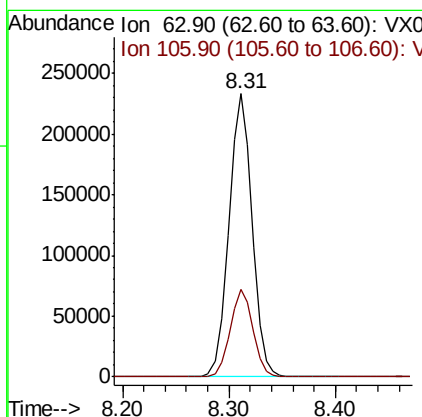
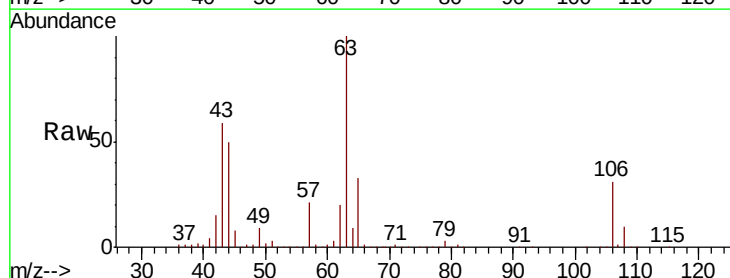
Manual Integrations
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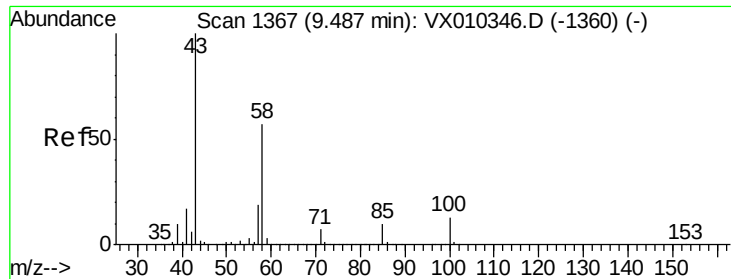
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 7/9/2019 11:24:17 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 231.067 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion: 63 Resp: 354741
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.7 37.1





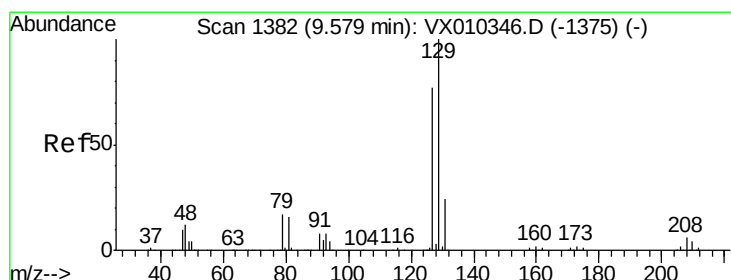
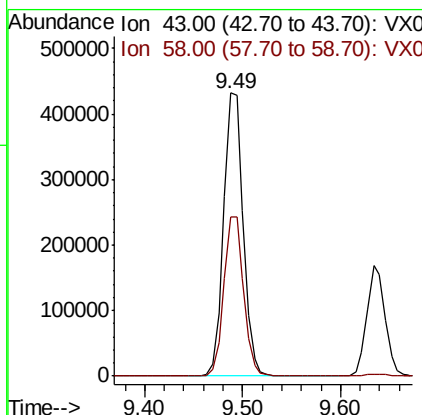
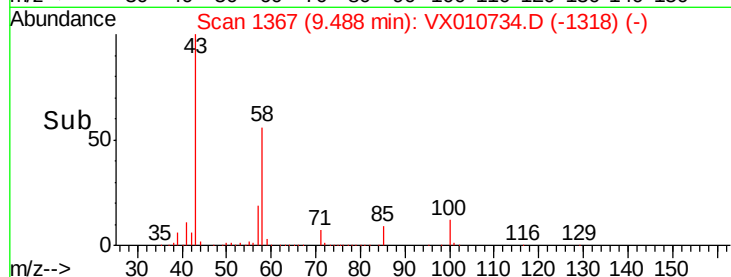
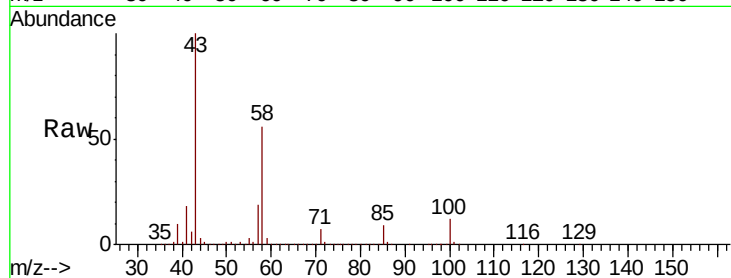
#59
2-Hexanone
Concen: 277.557 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion: 43 Resp: 599699
Ion Ratio Lower Upper
43 100
58 57.0 29.0 87.1

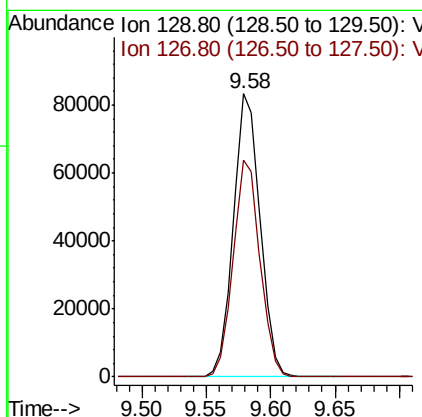
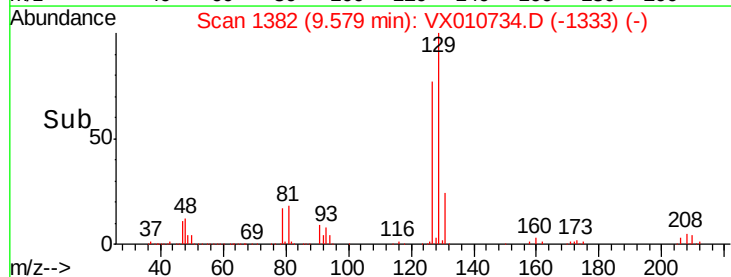
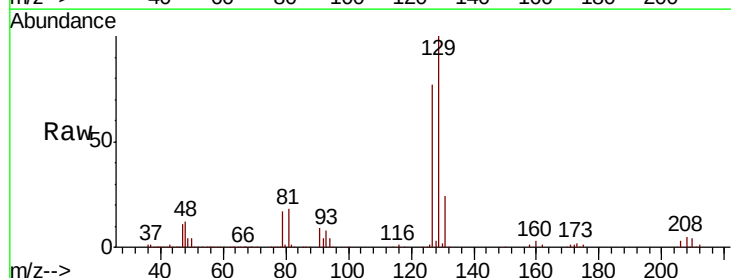
Manual Integrations
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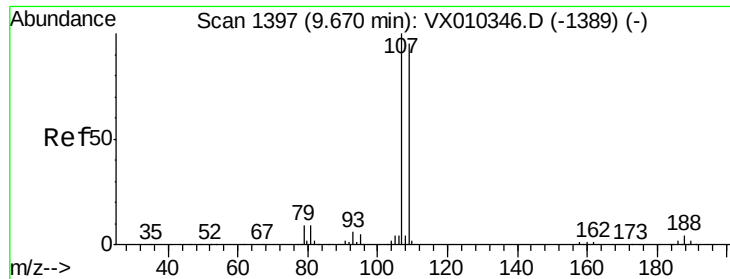
MMDadoda
7/9/2019 11:24:17 AM



#60
Dibromochloromethane
Concen: 50.447 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion: 129 Resp: 120530
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 53.022 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

Tgt Ion: 107 Resp: 122125

Ion Ratio Lower Upper

107 100

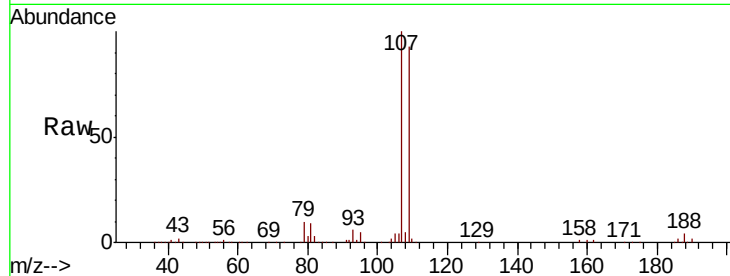
109 94.8 75.8 113.6

Manual Integrations

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MMDadoda

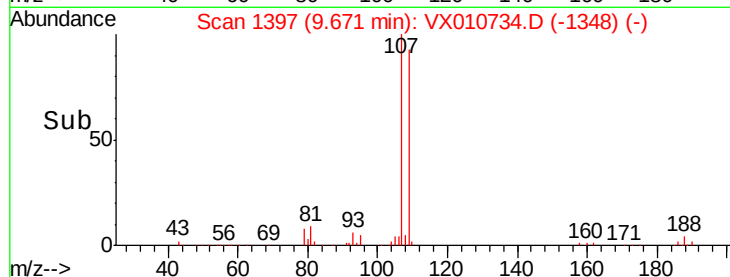
7/9/2019 11:24:17 AM



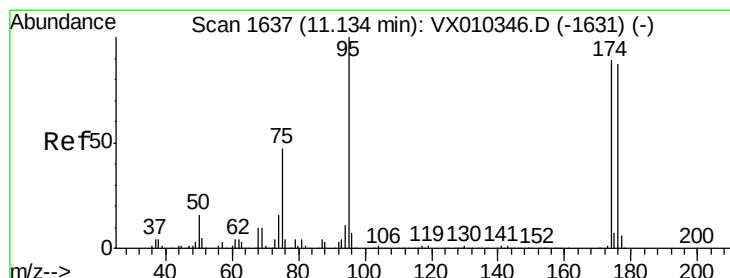
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67



Time-->



#62

4-Bromofluorobenzene

Concen: 49.443 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

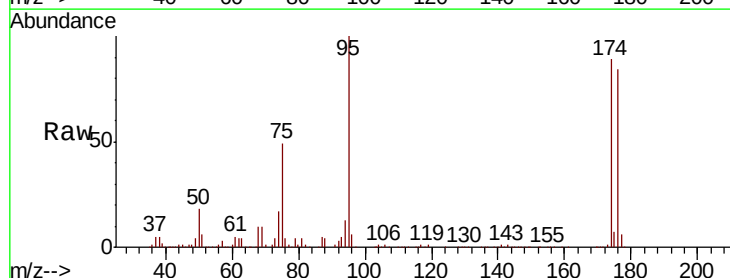
Tgt Ion: 95 Resp: 132602

Ion Ratio Lower Upper

95 100

174 94.6 0.0 187.6

176 90.6 0.0 184.0

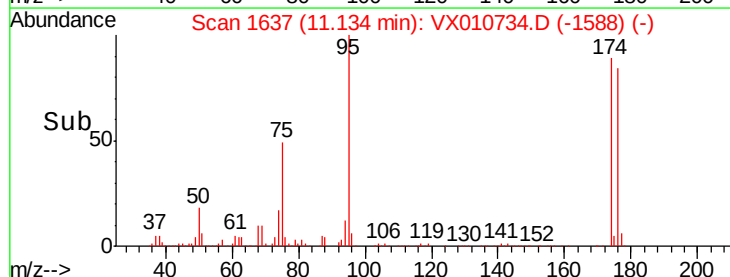


Abundance Ion 94.90 (94.60 to 95.60): VX0

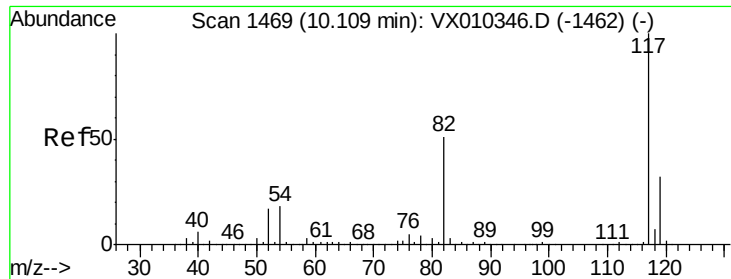
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13



Time-->



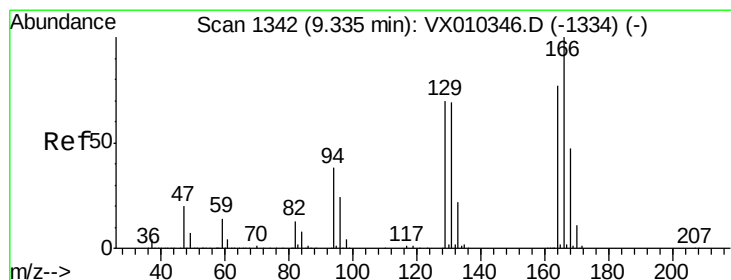
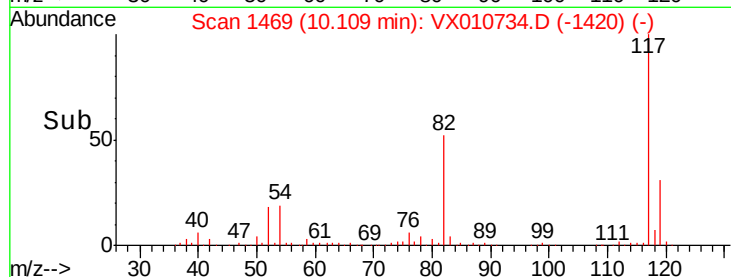
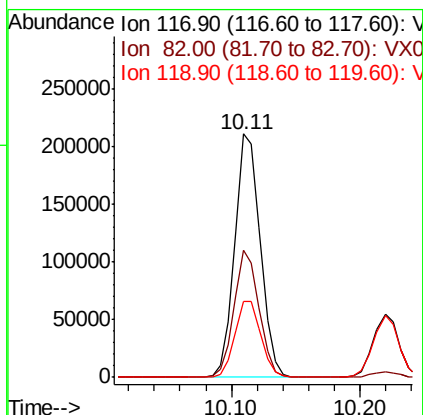
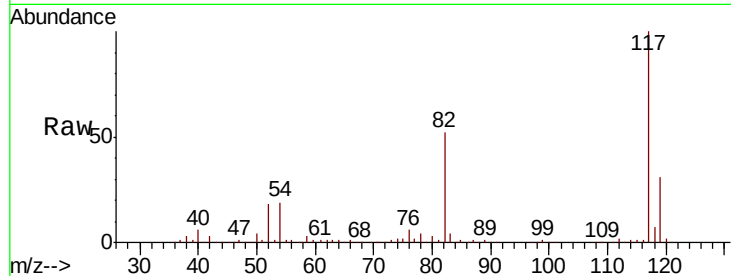
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.2	61.8
119	31.3	25.5	38.3

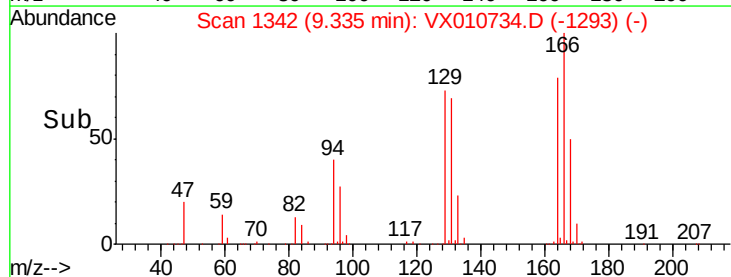
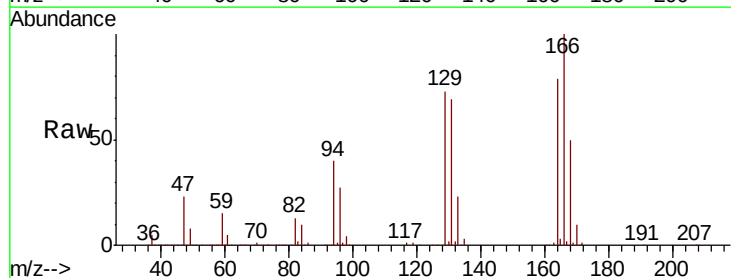
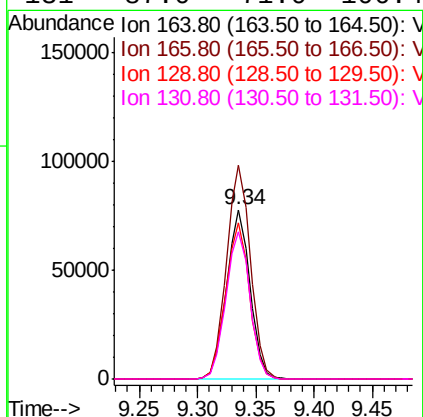
Manual Integrations
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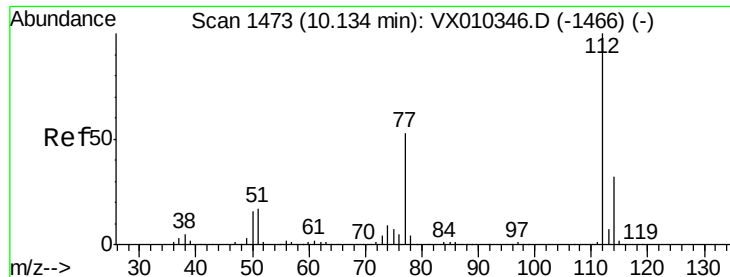
MMDadoda
7/9/2019 11:24:17 AM



#64
Tetrachloroethene
Concen: 46.227 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	103.6	155.4
129	92.4	73.0	109.4
131	87.0	71.0	106.4





#65

Chlorobenzene

Concen: 189.899 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

Tgt Ion:112 Resp: 112553

Ion Ratio Lower Upper

112 100

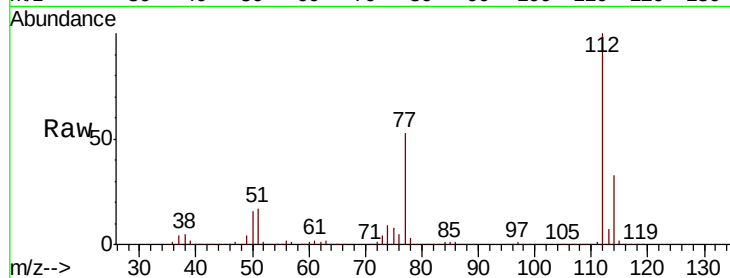
114 33.1 25.4 38.2

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

1000000

800000

600000

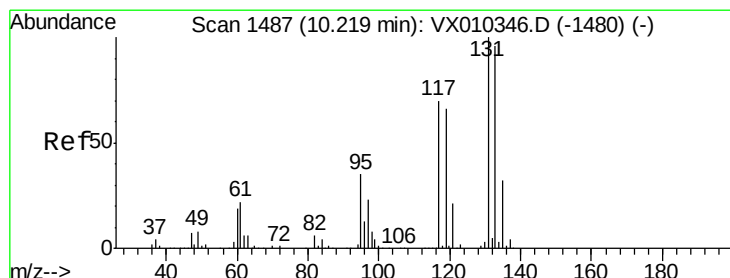
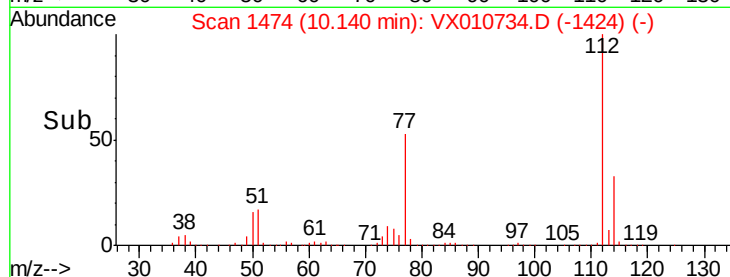
400000

200000

0

10.10 10.20 10.30

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.127 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

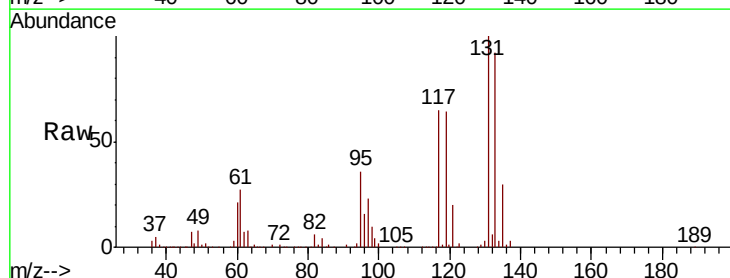
Tgt Ion:131 Resp: 112541

Ion Ratio Lower Upper

131 100

133 93.8 47.7 143.1

119 64.7 32.6 97.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

60000

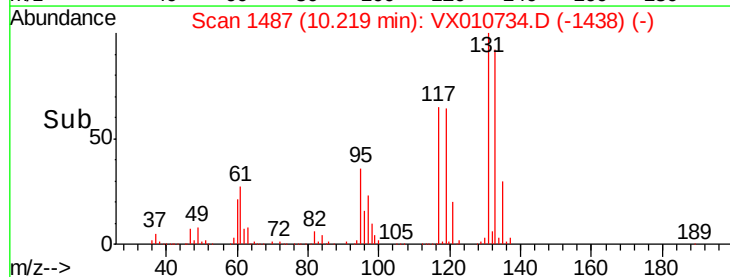
40000

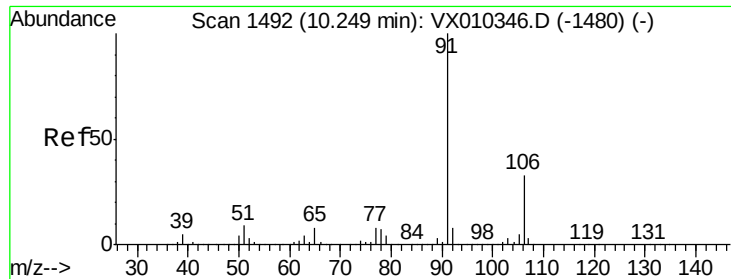
20000

0

10.20 10.30

Time-->





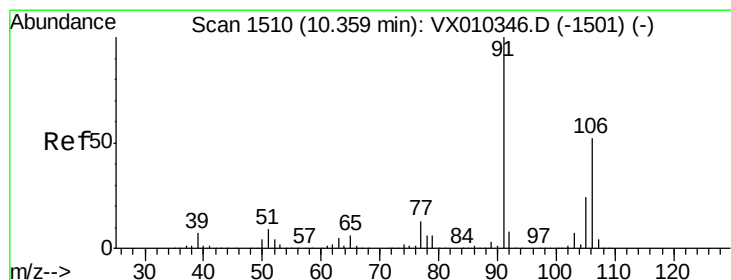
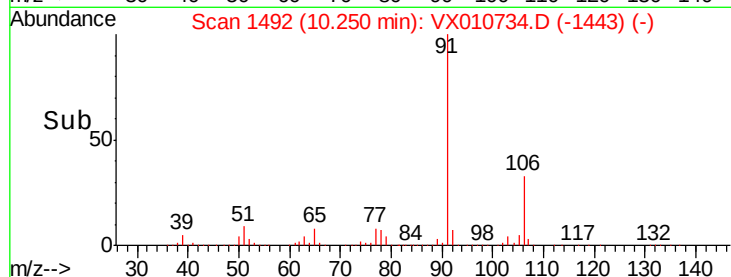
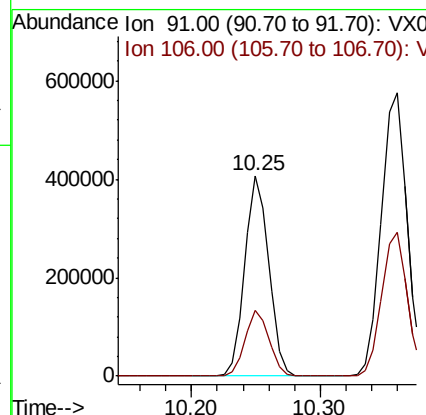
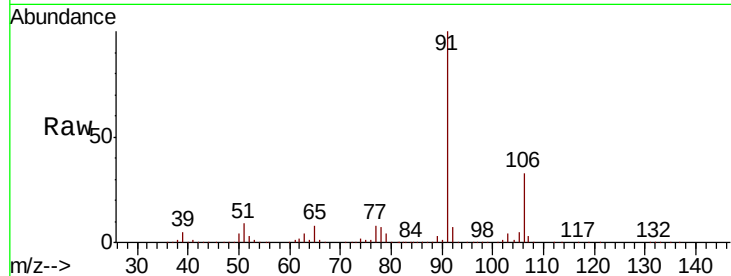
#67
Ethyl Benzene
Concen: 52.376 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion: 91 Resp: 524083
Ion Ratio Lower Upper
91 100
106 32.6 26.2 39.2

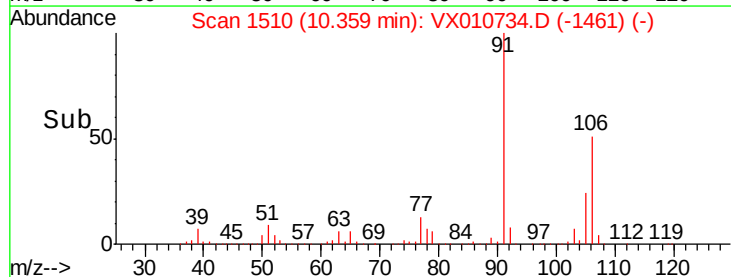
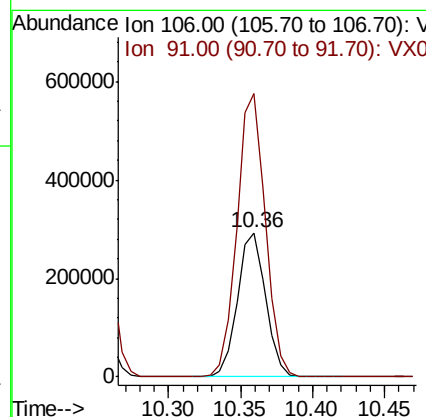
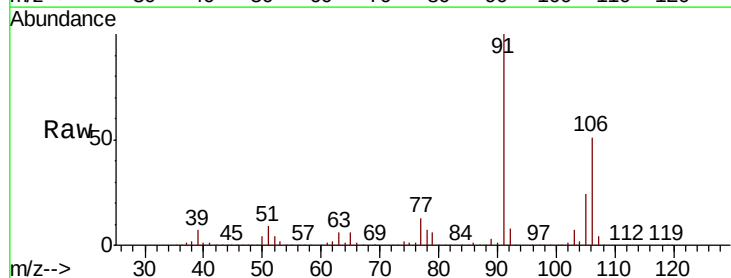
Manual Integrations
APPROVED

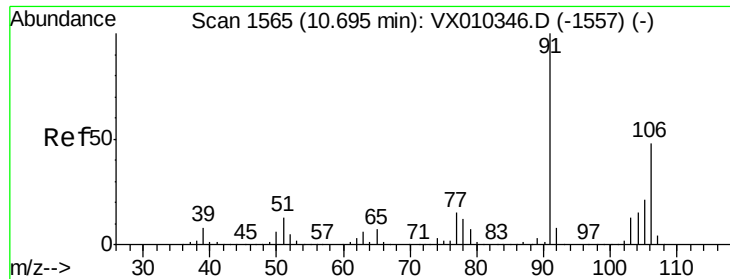
MMDadoda
7/9/2019 11:24:17 AM



#68
m/p-Xylenes
Concen: 103.231 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion: 106 Resp: 400246
Ion Ratio Lower Upper
106 100
91 198.0 155.3 232.9





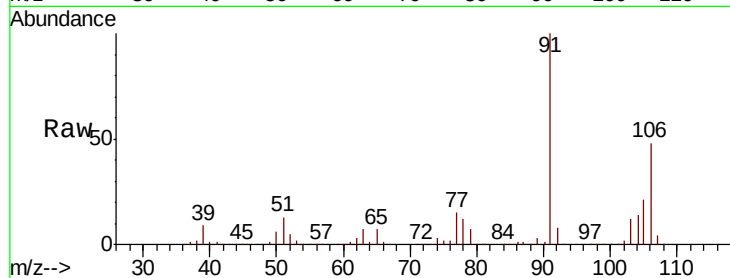
#69
o-Xylene
Concen: 52.701 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

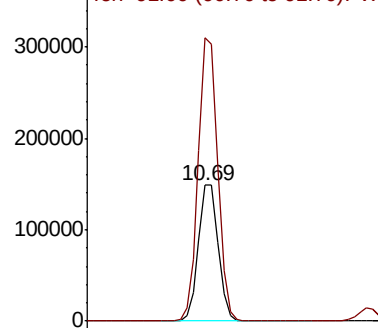
Tgt Ion:106 Resp: 200942
Ion Ratio Lower Upper
106 100
91 204.5 102.7 308.1

Manual Integrations
APPROVED

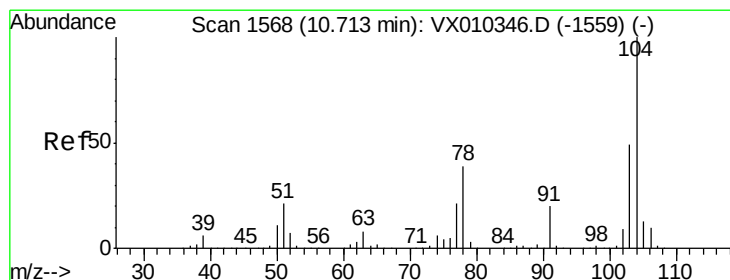
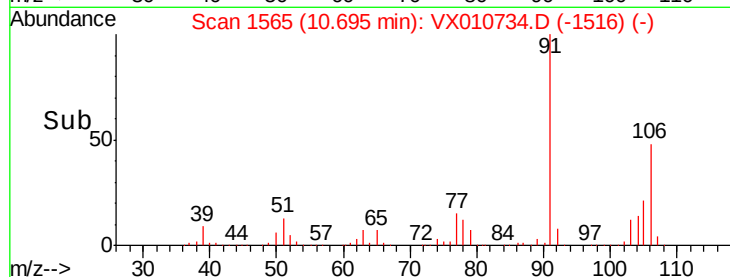
MMDadoda
7/9/2019 11:24:17 AM



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

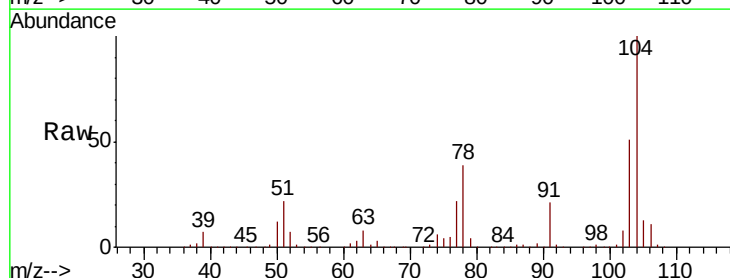


Time-->

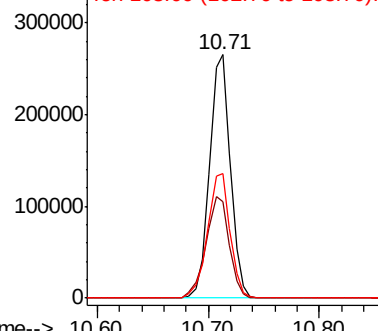


#70
Styrene
Concen: 53.621 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

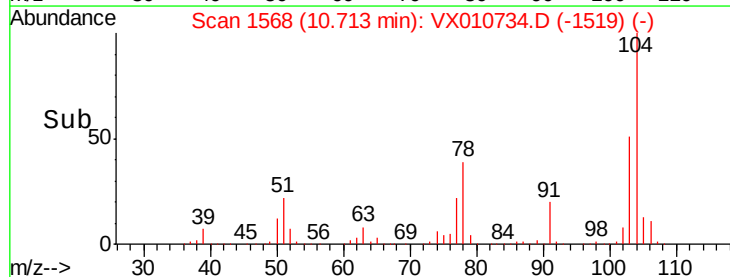
Tgt Ion:104 Resp: 342865
Ion Ratio Lower Upper
104 100
78 46.5 36.2 54.2
103 55.5 44.2 66.4

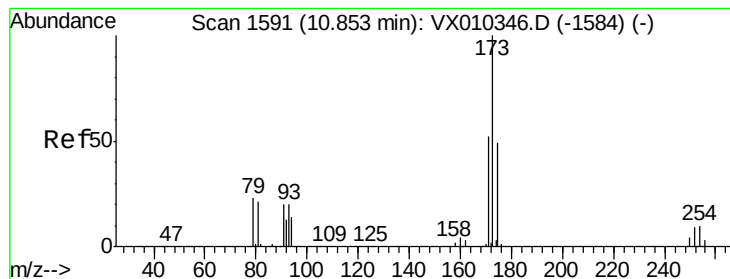


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 48.533 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

Tgt Ion:173 Resp: 91119

Ion Ratio Lower Upper

173 100

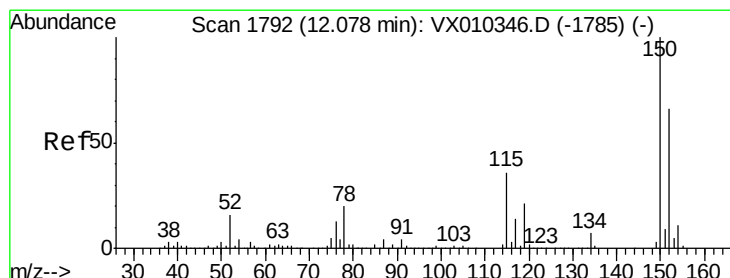
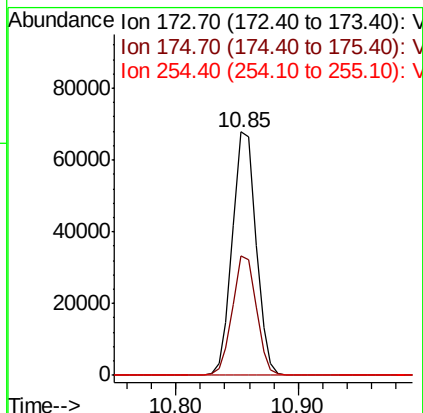
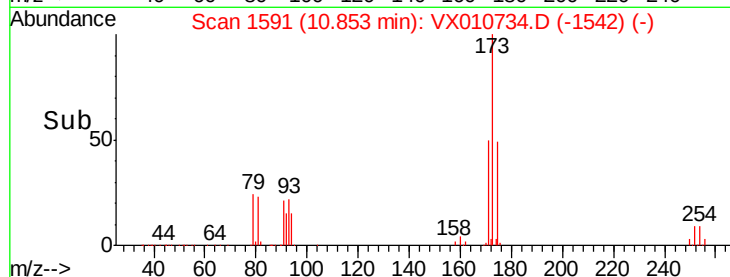
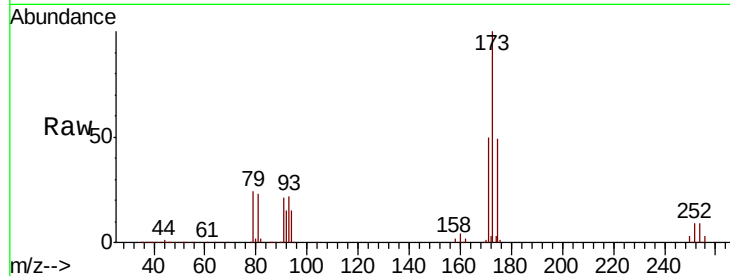
175 49.2 24.1 72.3

254 0.1 0.2 0.2#

Manual Integrations
APPROVED

MMDadoda

7/9/2019 11:24:17 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

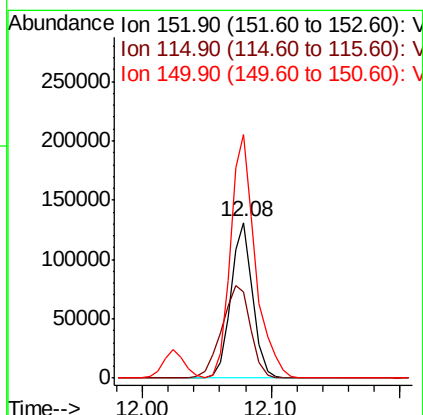
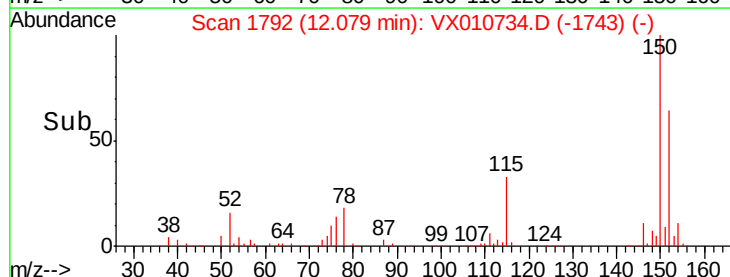
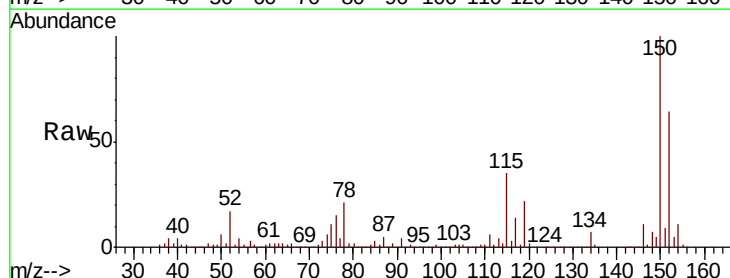
Tgt Ion:152 Resp: 154461

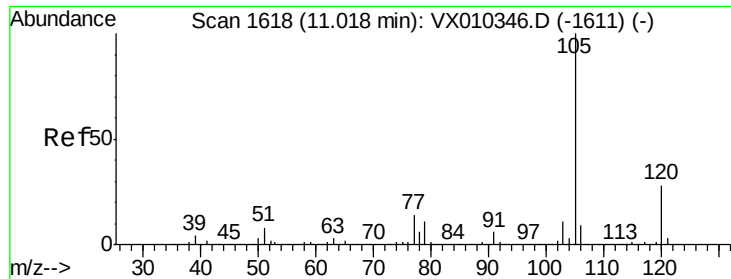
Ion Ratio Lower Upper

152 100

115 79.5 38.6 115.7

150 177.7 0.0 347.4





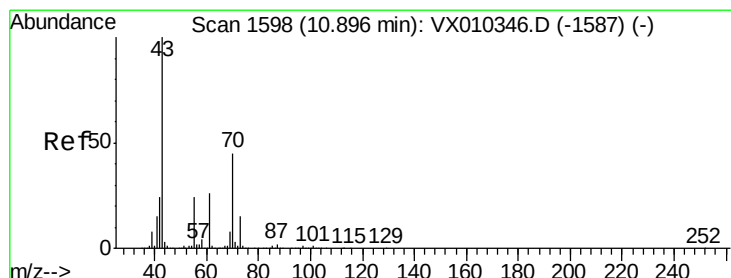
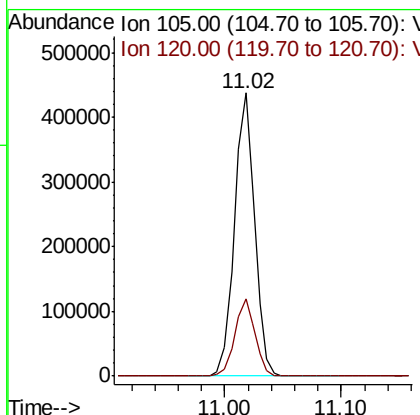
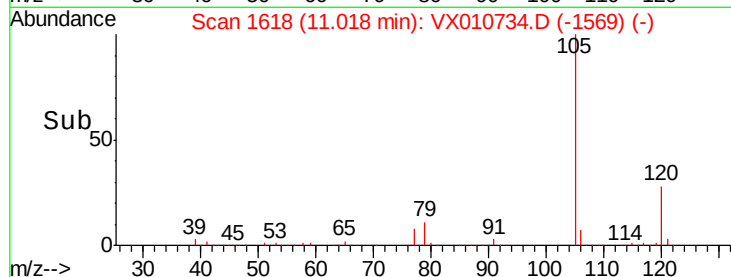
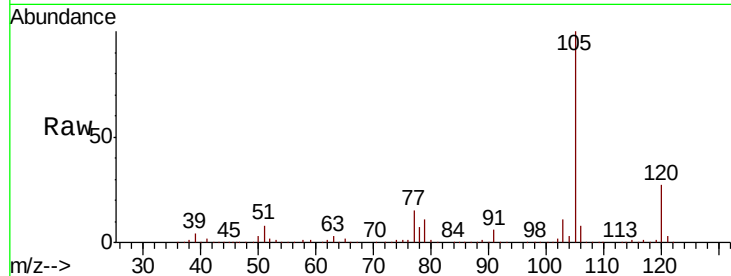
#73
Isopropylbenzene
Concen: 50.336 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion: 105 Resp: 527041
Ion Ratio Lower Upper
105 100
120 27.1 14.1 42.4

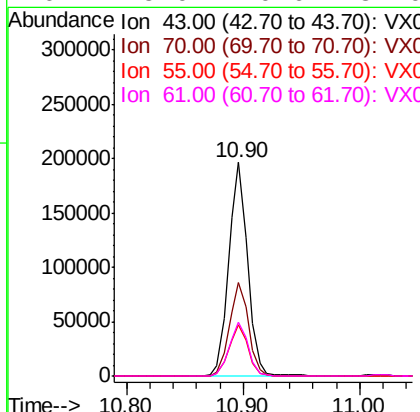
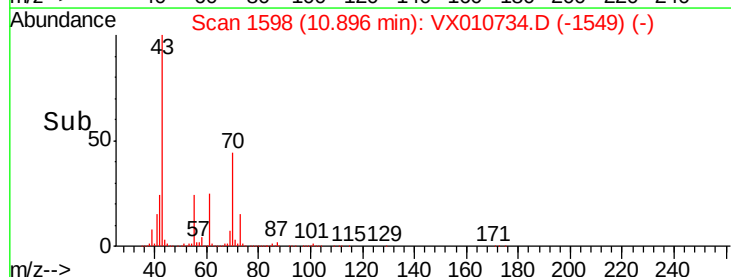
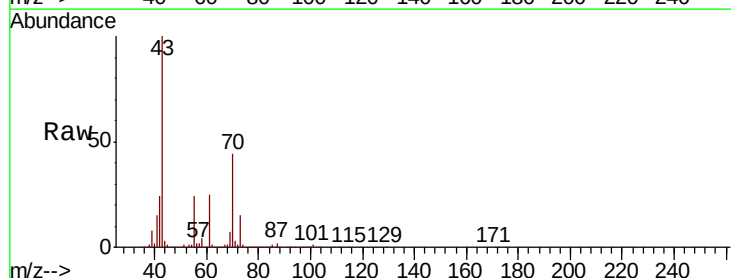
Manual Integrations
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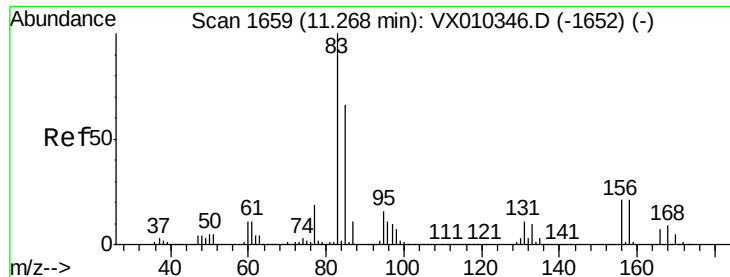
MMDadoda
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#74
N-ethyl acetate
Concen: 55.531 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion: 43 Resp: 219738
Ion Ratio Lower Upper
43 100
70 44.5 36.6 54.8
55 24.1 18.7 28.1
61 25.0 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.044 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

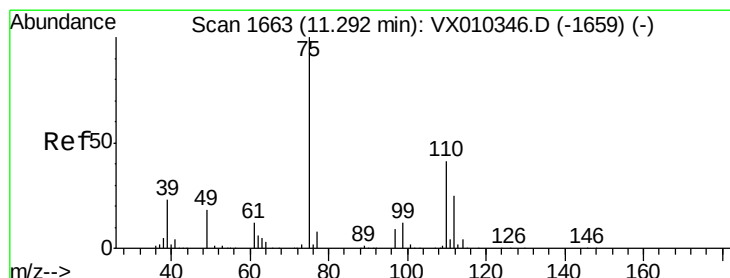
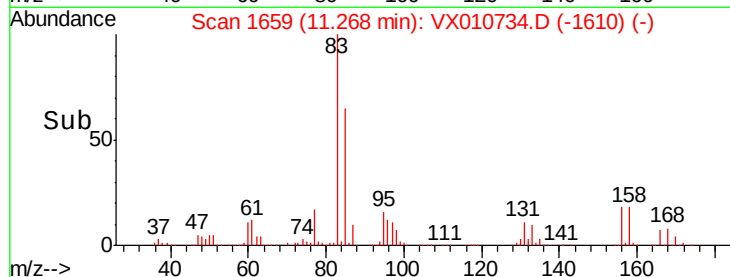
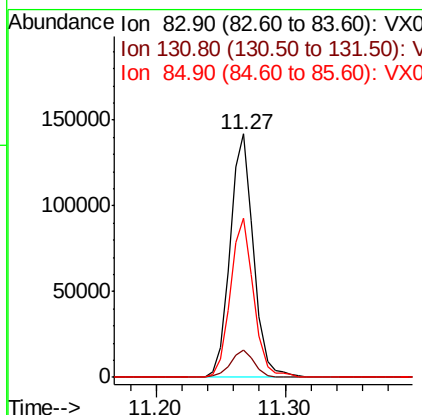
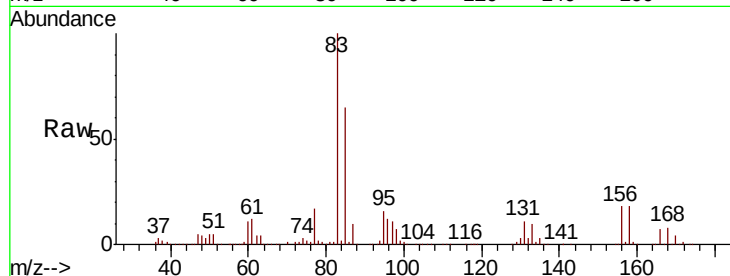
ClientSampleId :

WP022MW359-190705MS

Tgt Ion:	83	Resp:	180466
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.4
85	64.9	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.067 ug/l m

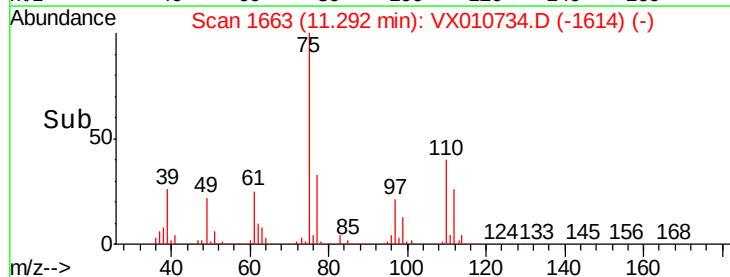
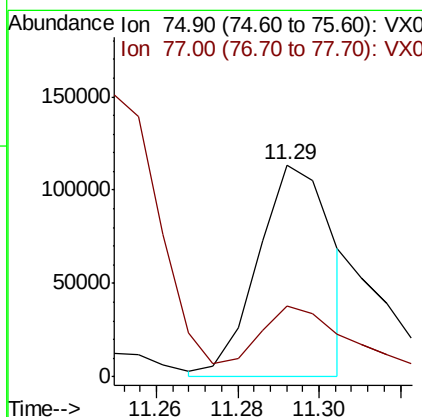
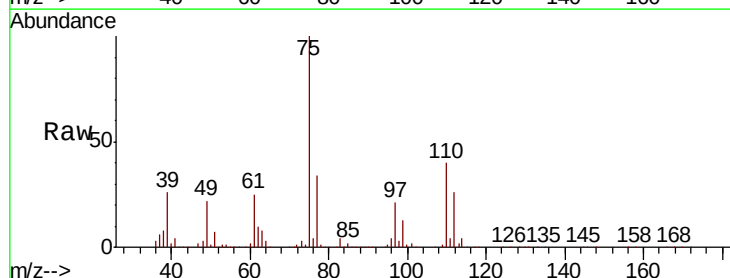
RT: 11.29 min Scan# 1663

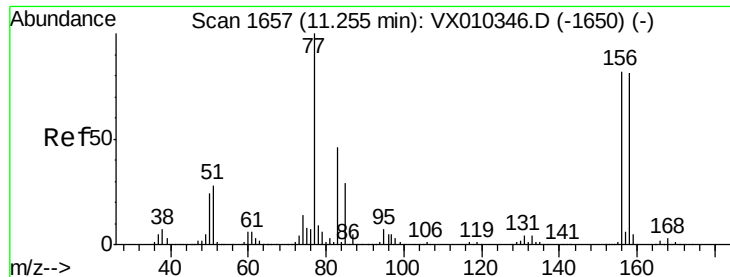
Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Tgt Ion:	75	Resp:	143737
Ion Ratio	Lower	Upper	
75	100		
77	43.0	22.6	67.8





#77

Bromobenzene

Concen: 49.770 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

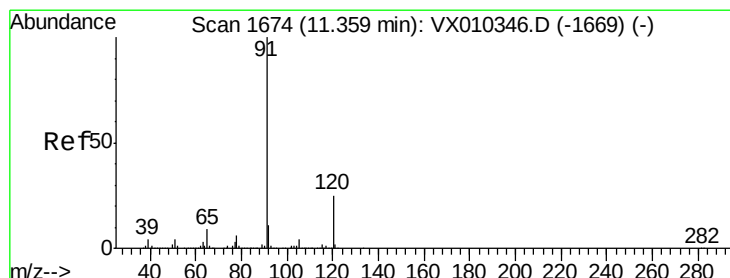
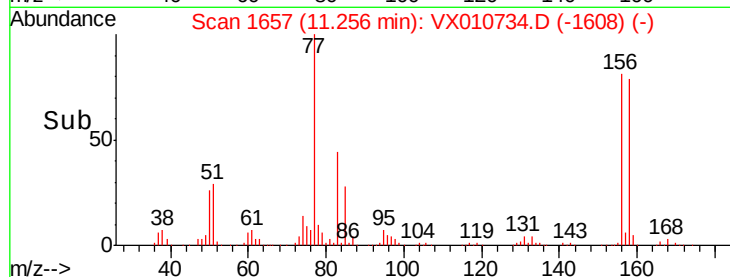
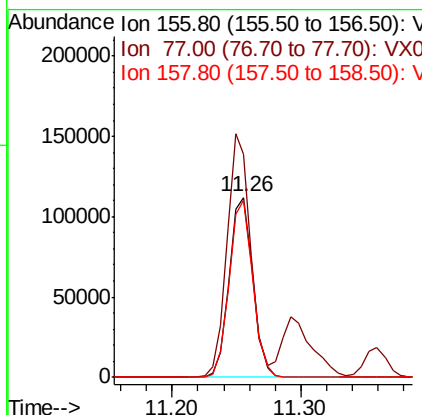
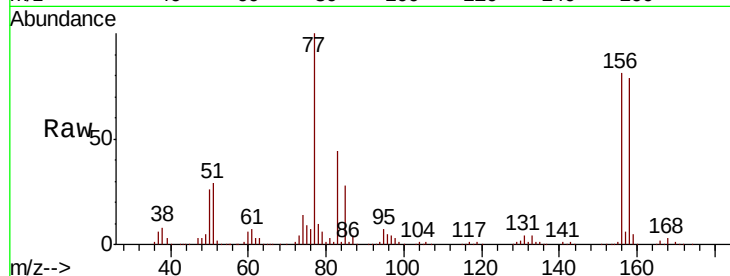
ClientSampleId :

WP022MW359-190705MS

Tgt Ion:	156	Resp:	145511
Ion Ratio	Lower	Upper	
156	100		
77	133.6	66.3	198.7
158	97.4	48.9	146.7

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#78

n-propylbenzene

Concen: 50.983 ug/l

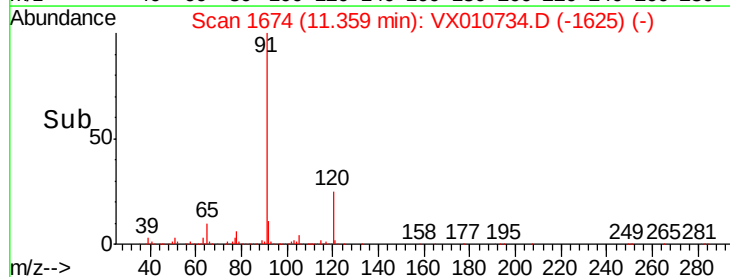
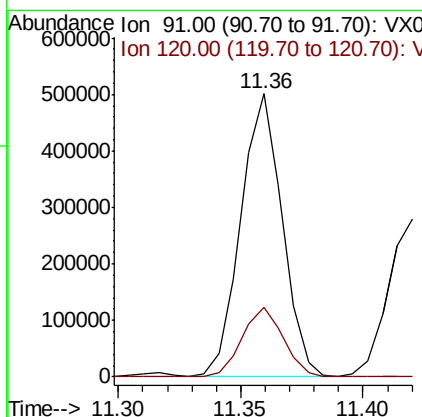
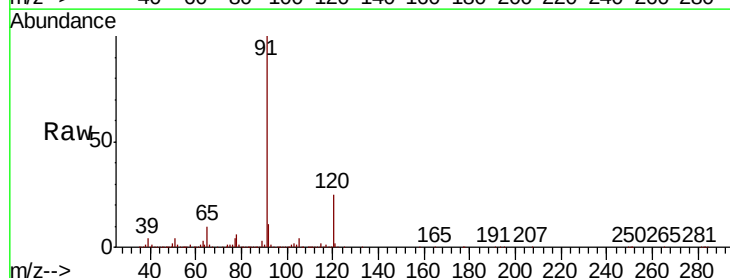
RT: 11.36 min Scan# 1674

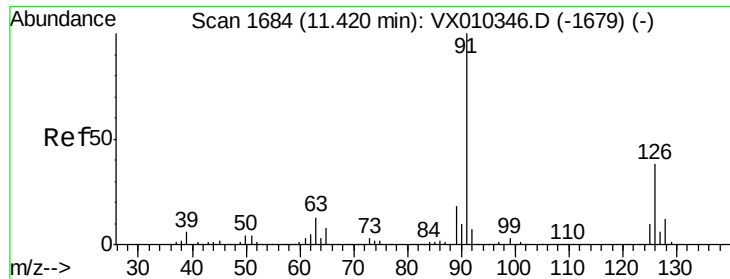
Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Tgt Ion:	91	Resp:	586689
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.4	37.4





#79

2-Chlorotoluene

Concen: 50.417 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

Tgt Ion: 91 Resp: 345483

Ion Ratio Lower Upper

91 100

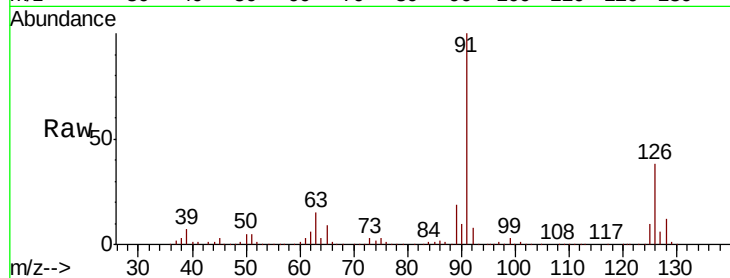
126 37.8 18.7 56.1

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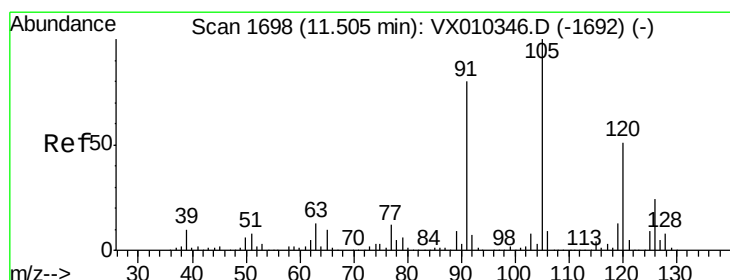
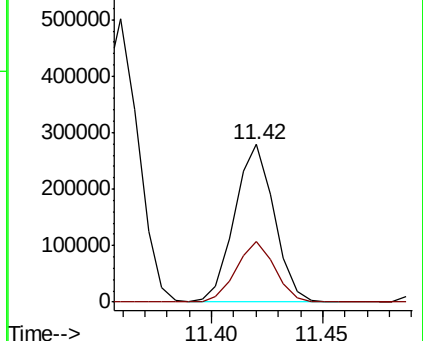
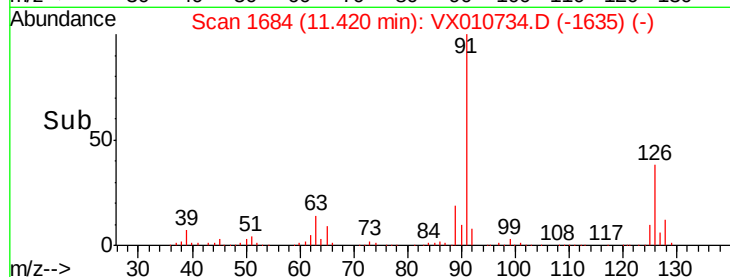
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Abundance Ion 91.00 (90.70 to 91.70): VX010734.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010734.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.613 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010734.D

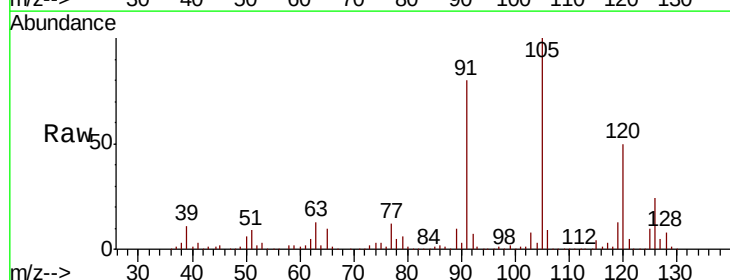
Acq: 09 Jul 2019 07:00

Tgt Ion: 105 Resp: 445509

Ion Ratio Lower Upper

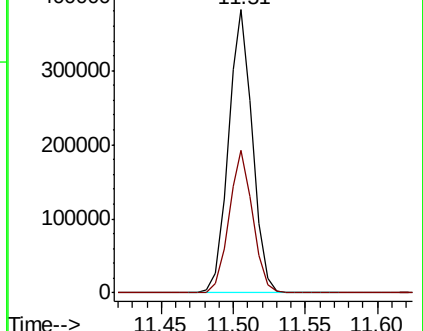
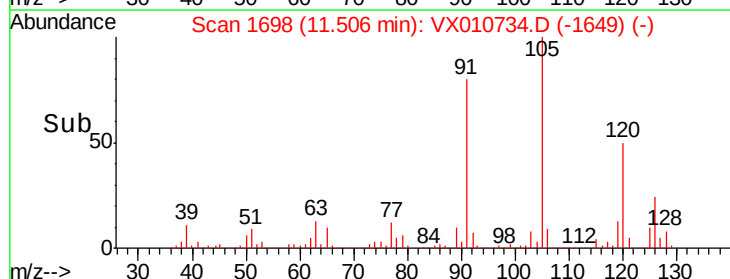
105 100

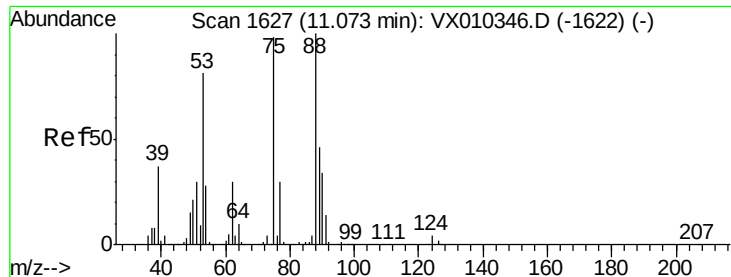
120 49.8 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010734.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX010734.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 36.415 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

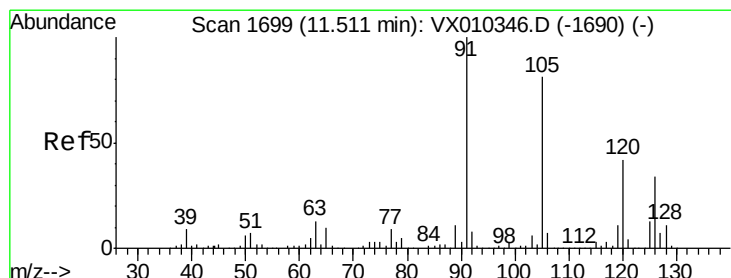
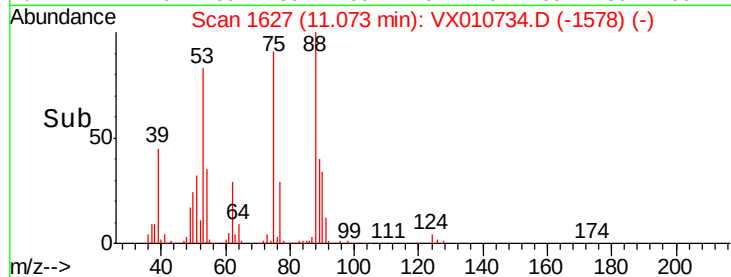
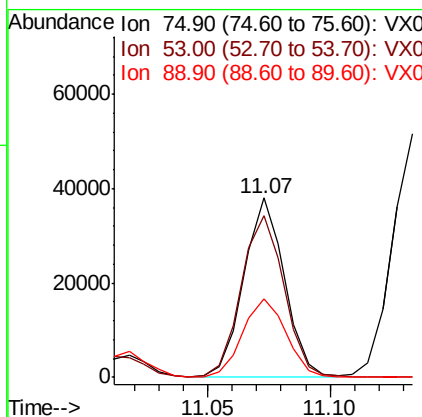
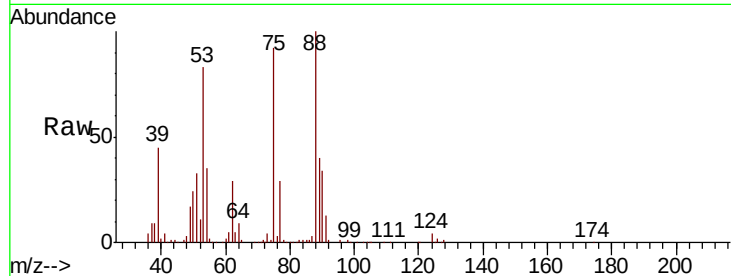
ClientSampleId :

WP022MW359-190705MS

Tgt Ion:	75	Resp:	43936
Ion	Ratio	Lower	Upper
75	100		
53	95.0	66.1	99.1
89	47.2	37.8	56.6

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#82

4-Chlorotoluene

Concen: 51.877 ug/l

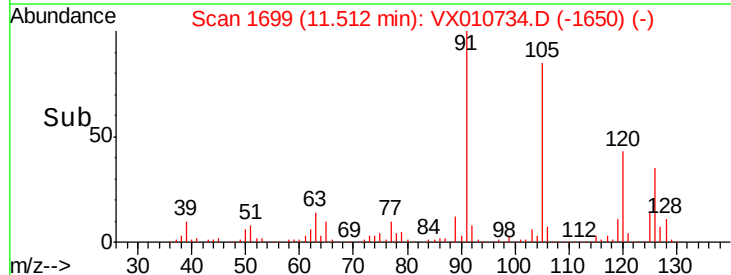
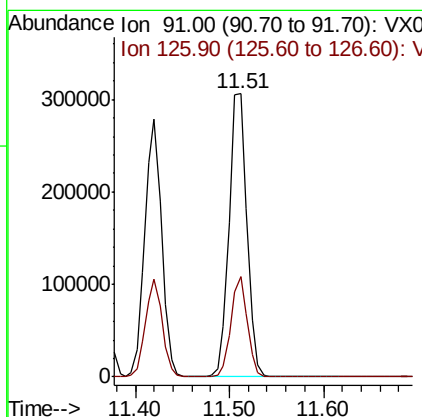
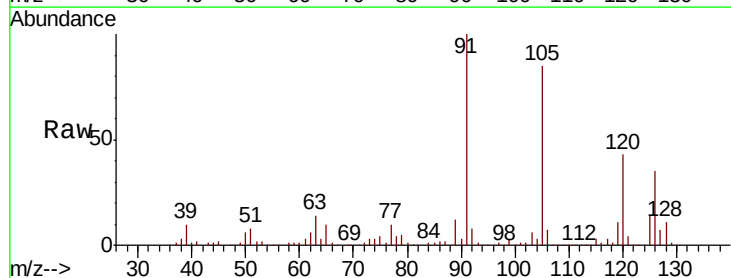
RT: 11.51 min Scan# 1699

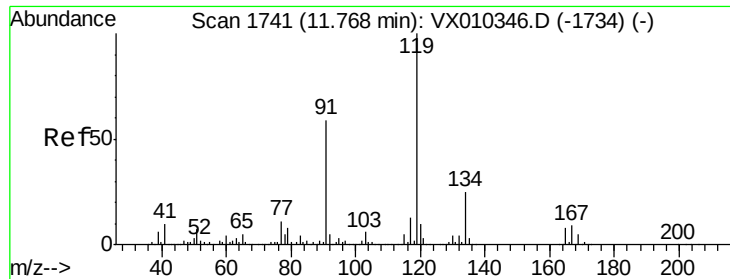
Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Tgt Ion:	91	Resp:	404505
Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.2	48.6





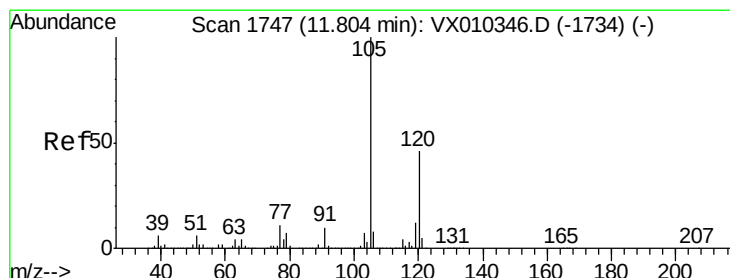
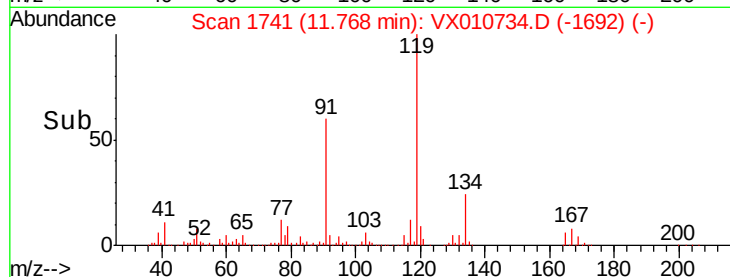
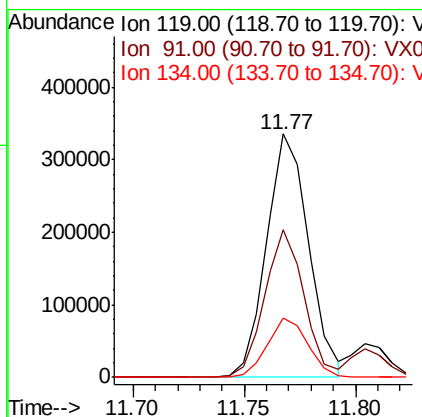
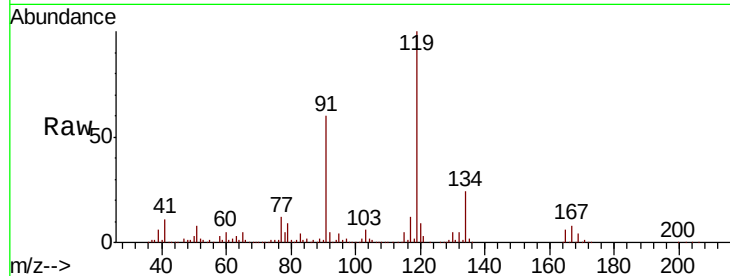
#83
 tert-Butylbenzene
 Concen: 50.776 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	439896		
91	56.5	27.6	82.7	
134	23.5	11.8	35.4	

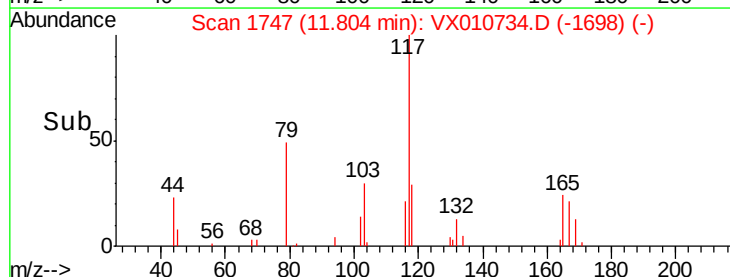
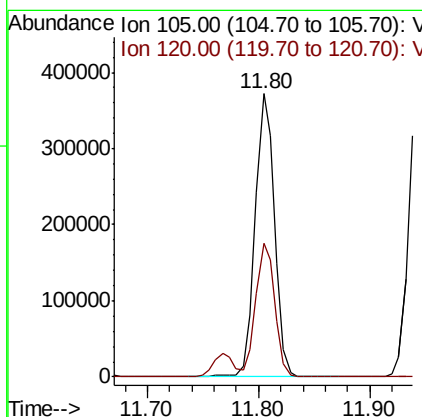
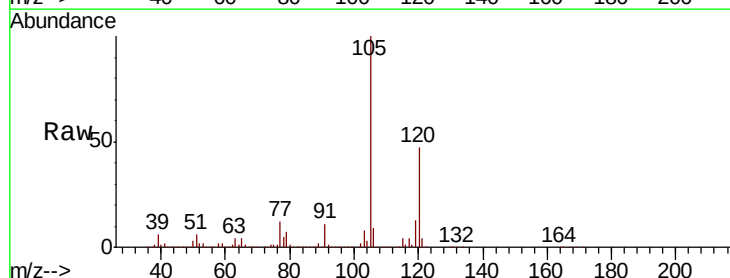
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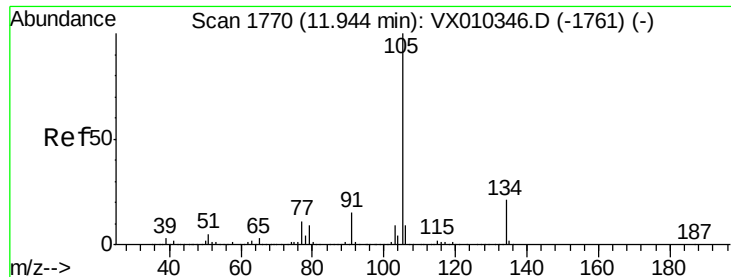
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.884 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	449945		
120	46.2	23.1	69.2	





#85

sec-Butylbenzene

Concen: 50.879 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MS

Tgt Ion:105 Resp: 517549

Ion Ratio Lower Upper

105 100

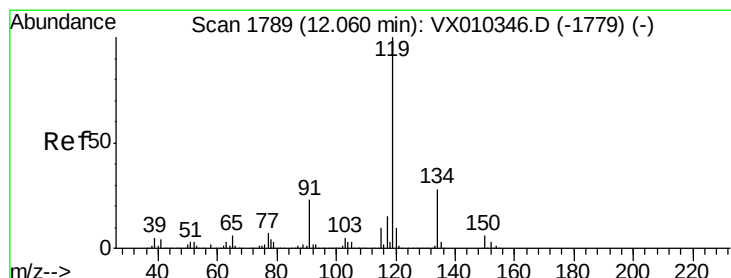
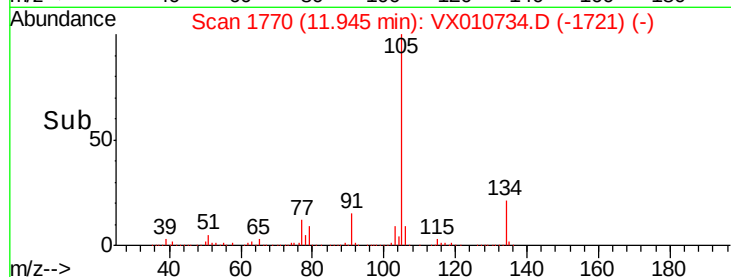
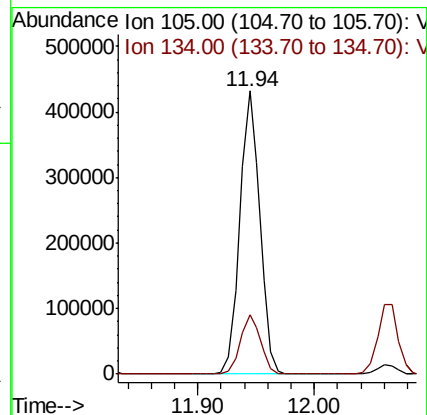
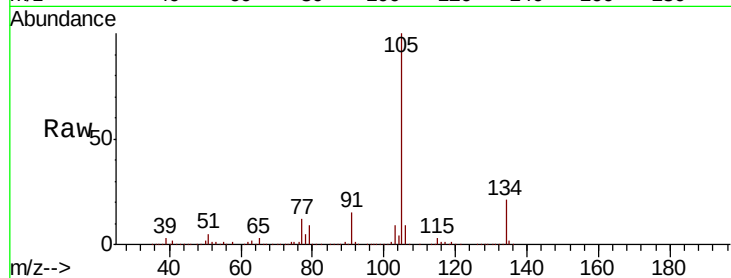
134 21.2 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 50.665 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010734.D

Acq: 09 Jul 2019 07:00

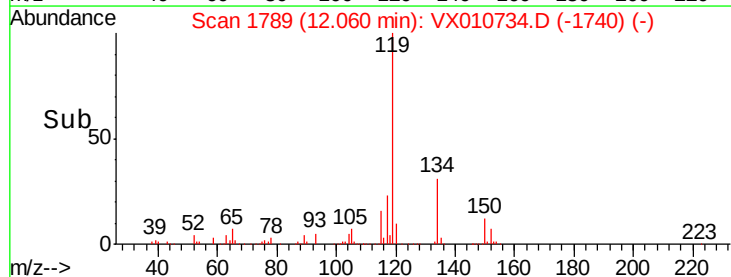
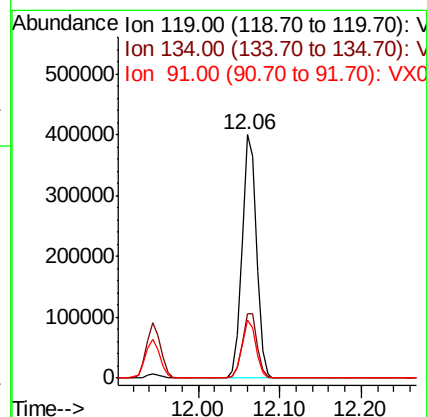
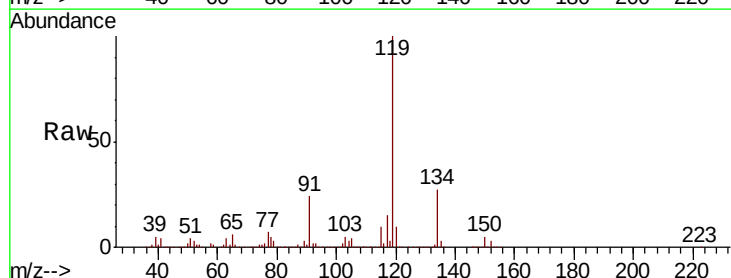
Tgt Ion:119 Resp: 476706

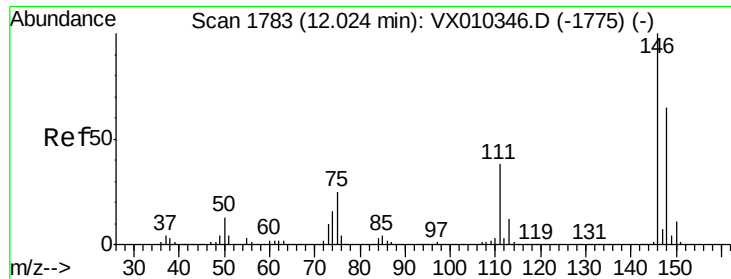
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 23.0 11.3 33.8





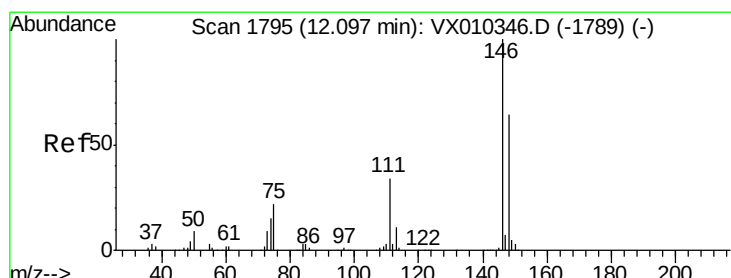
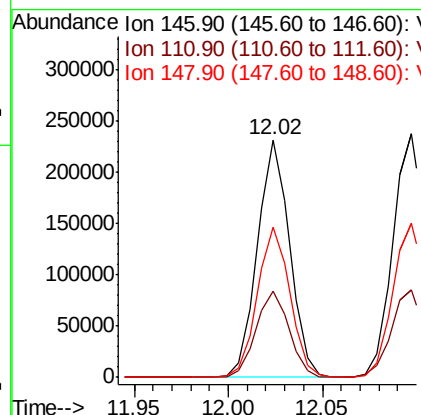
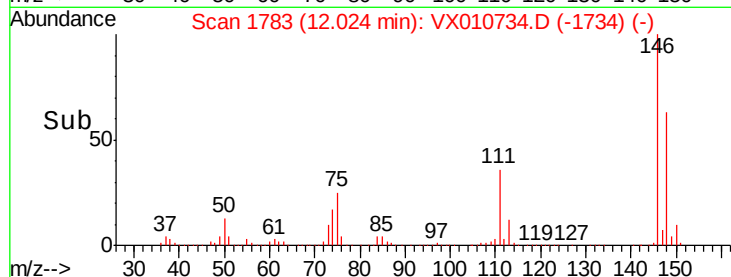
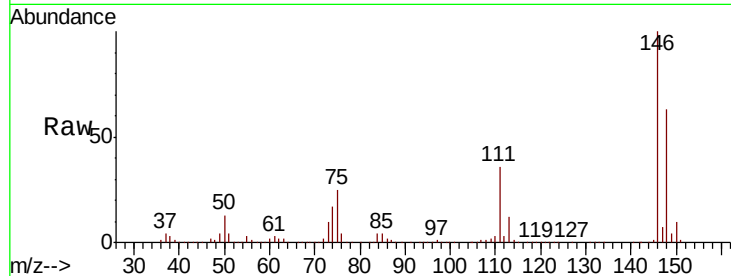
#87
 1,3-Dichlorobenzene
 Concen: 53.856 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.1	57.1
148	64.0	32.5	97.4

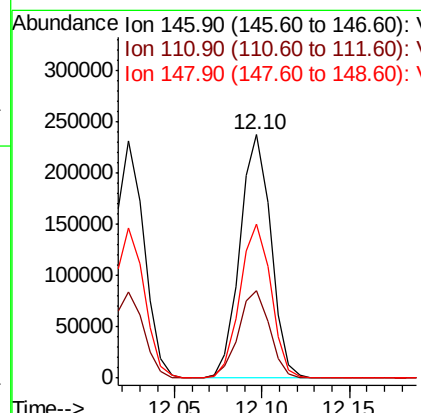
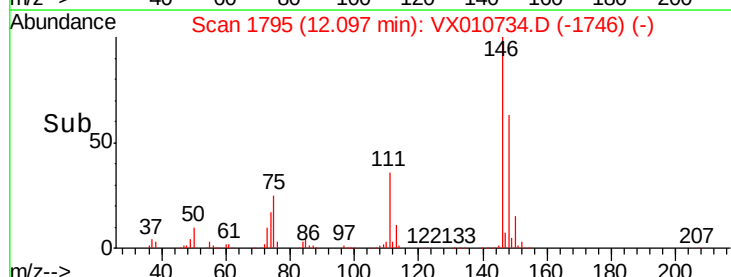
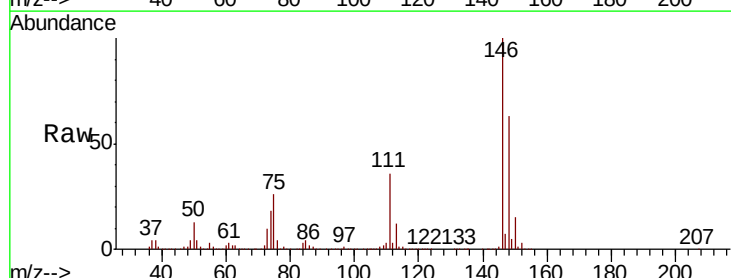
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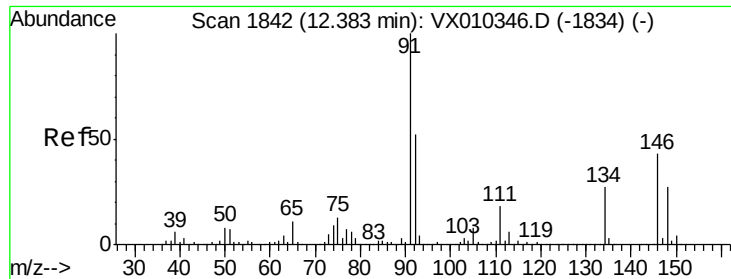
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#88
 1,4-Dichlorobenzene
 Concen: 56.227 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.3
148	63.8	32.1	96.3





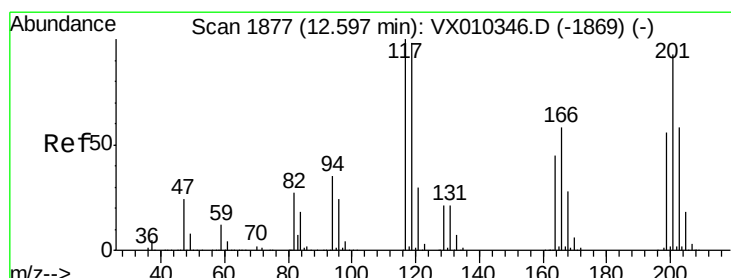
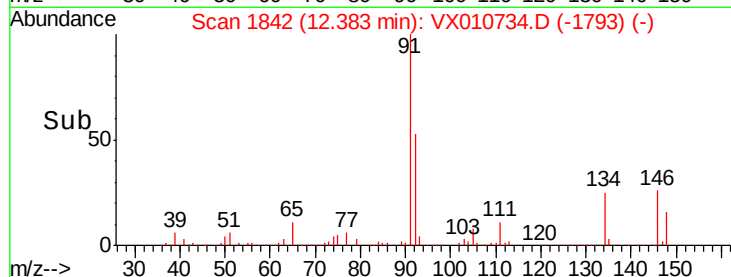
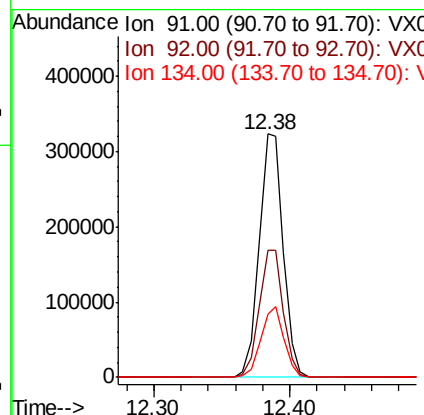
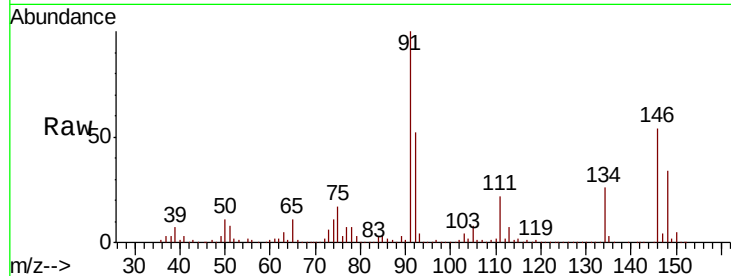
#89
n-Butylbenzene
Concen: 50.152 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion: 91 Resp: 400978
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 27.8 14.1 42.4

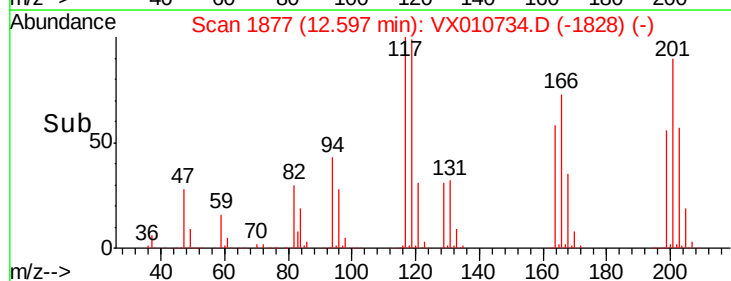
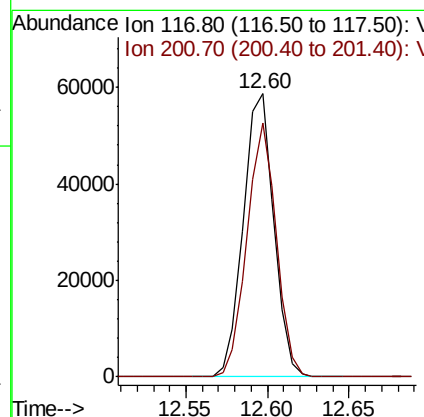
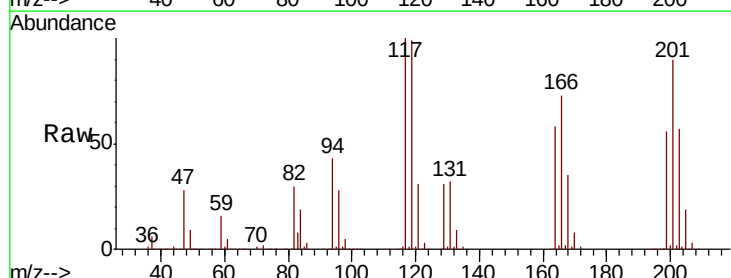
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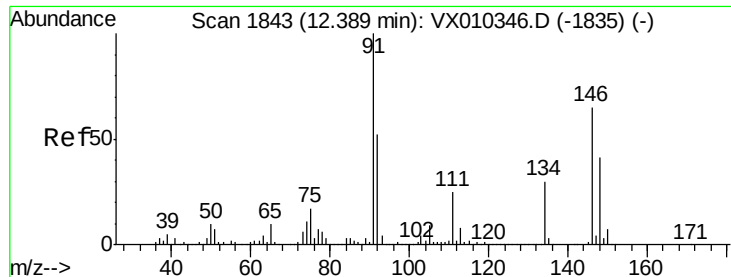
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#90
Hexachloroethane
Concen: 47.179 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion: 117 Resp: 76757
Ion Ratio Lower Upper
117 100
201 86.2 44.0 131.8





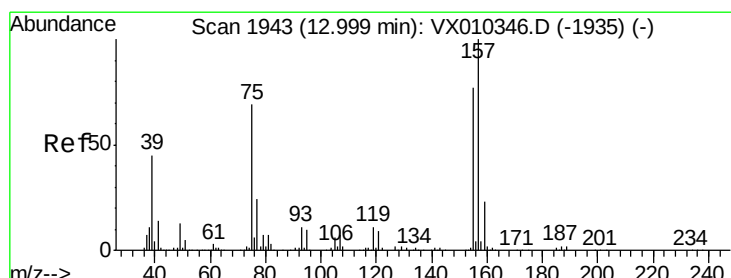
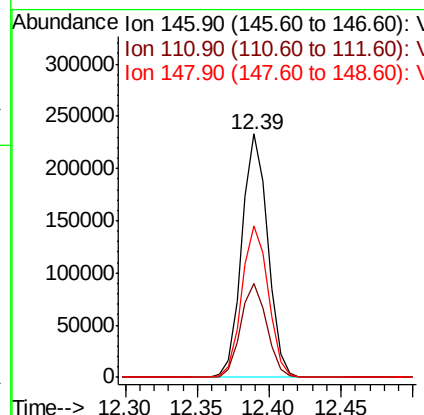
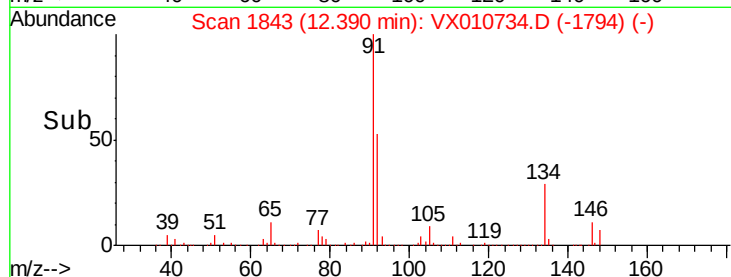
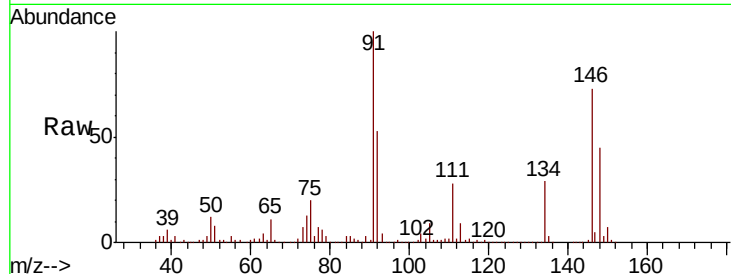
#91
 1,2-Dichlorobenzene
 Concen: 57.600 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	292161		
111	38.7	19.2	57.6	
148	63.6	32.0	96.0	

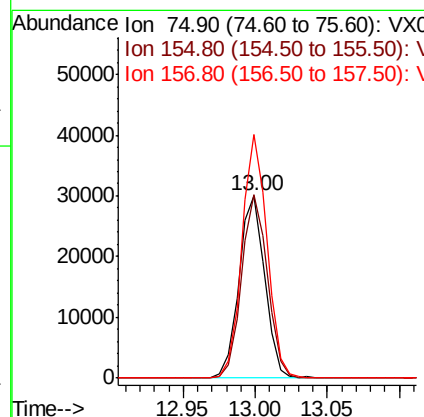
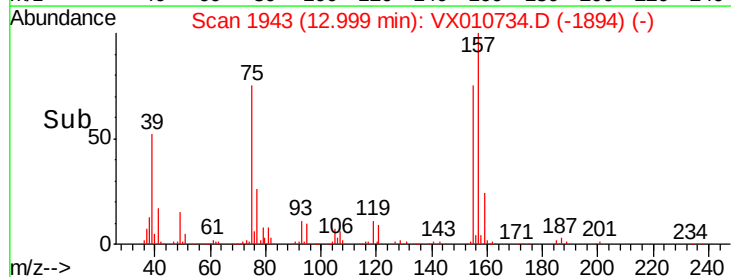
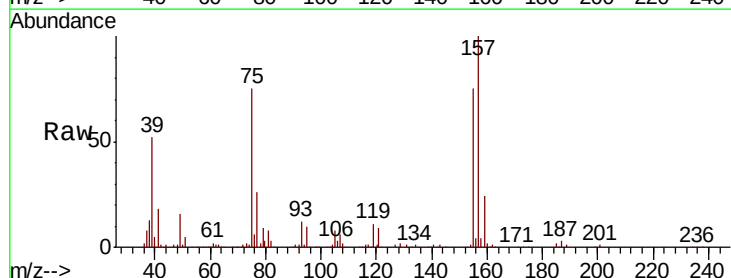
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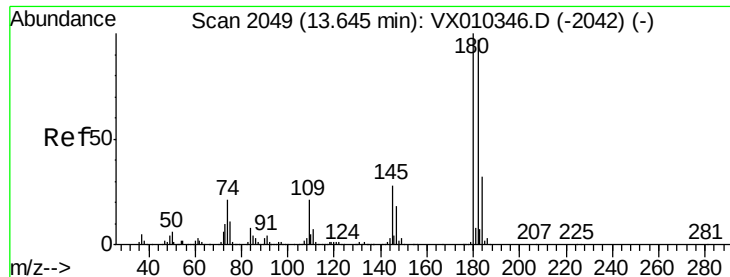
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.226 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	37550		
155	100.1	54.4	163.1	
157	129.1	69.5	208.3	





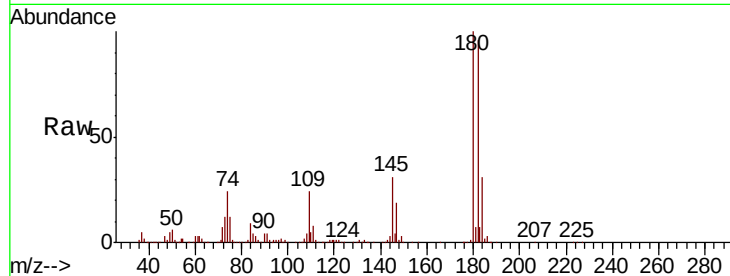
#93
 1,2,4-Trichlorobenzene
 Concen: 49.539 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

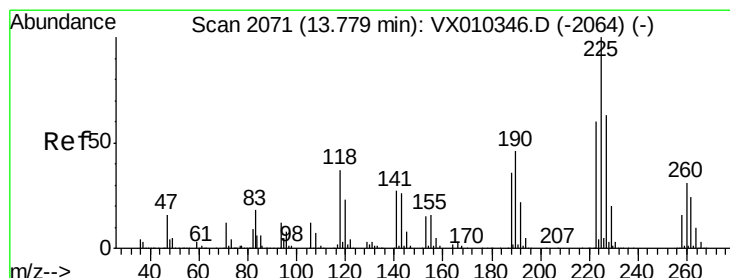
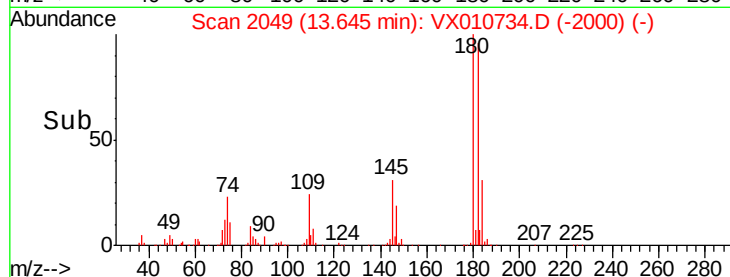
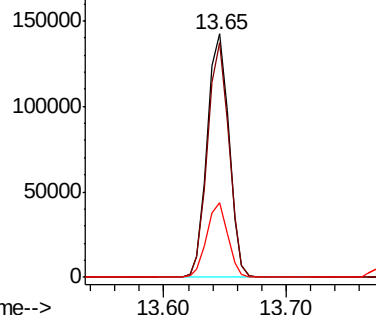
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	174254		
182	95.1	48.0	144.0	
145	29.6	14.4	43.4	

Manual Integrations
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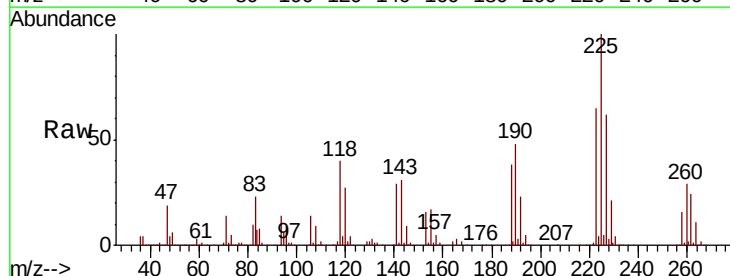


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

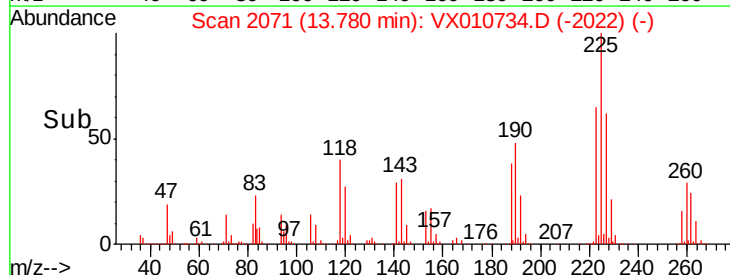
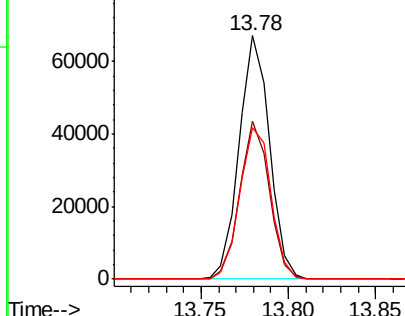


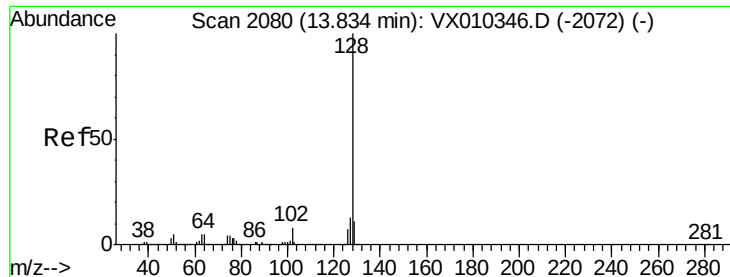
#94
 Hexachlorobutadiene
 Concen: 47.067 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010734.D
 Acq: 09 Jul 2019 07:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80914		
223	63.3	30.9	92.7	
227	64.3	31.9	95.5	



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





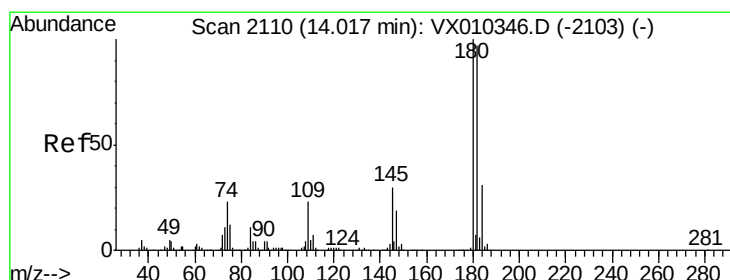
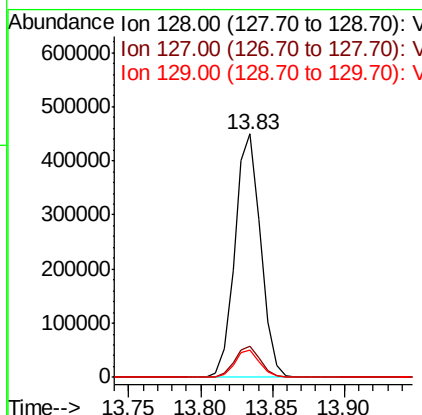
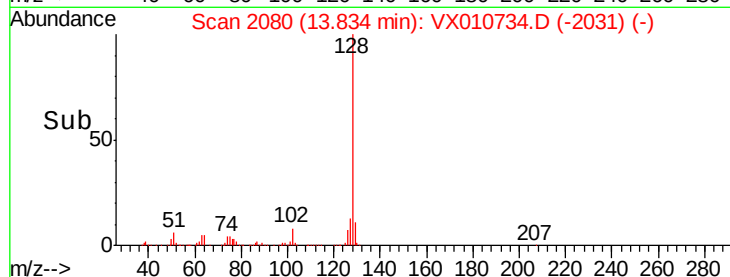
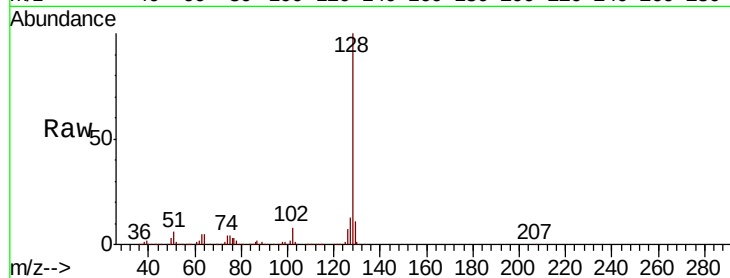
#95
Naphthalene
Concen: 51.773 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	559639		
127	12.8		10.2	15.4
129	11.0		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/9/2019 11:24:17 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.149 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010734.D
Acq: 09 Jul 2019 07:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	178882		
182	94.4		47.8	143.3
145	30.7		15.2	45.6

