

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012925.D
 Acq On : 09 Oct 2019 06:15
 Operator : JC/SP
 Sample : K5190-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:39:16 AM

Quant Time: Oct 09 08:11:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	269883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124223	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	111769	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
35) Dibromofluoromethane	5.49	113	87010	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	8.71	98	331799	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.13	95	127634	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	89856	51.316	ug/l	95
3) Chloromethane	1.32	50	98778	51.834	ug/l	96
4) Vinyl Chloride	1.40	62	99894	50.787	ug/l	100
5) Bromomethane	1.63	94	33783	41.318	ug/l	95
6) Chloroethane	1.71	64	62257	51.804	ug/l	99
7) Trichlorofluoromethane	1.92	101	137464	51.780	ug/l	99
8) Diethyl Ether	2.18	74	55760	52.036	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84119	48.959	ug/l	100
10) Methyl Iodide	2.50	142	93718	48.336	ug/l	99
11) Tert butyl alcohol	3.03	59	140196	246.317	ug/l	99
12) 1,1-Dichloroethene	2.36	96	88455	50.955	ug/l	94
13) Acrolein	2.28	56	92227	228.012	ug/l	100
14) Allyl chloride	2.72	41	153614	49.689	ug/l	99
15) Acrylonitrile	3.13	53	282813	262.200	ug/l	99
16) Acetone	2.44	43	248883	219.916	ug/l	99
17) Carbon Disulfide	2.56	76	235294	47.535	ug/l	99
18) Methyl Acetate	2.76	43	122019	45.487	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	319902	53.363	ug/l	98
20) Methylene Chloride	2.85	84	102332	49.201	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	96421	51.822	ug/l	99
22) Diisopropyl ether	3.84	45	315555	53.268	ug/l	95
23) Vinyl Acetate	3.80	43	1222592	239.071	ug/l	99
24) 1,1-Dichloroethane	3.69	63	176775	53.044	ug/l	99
25) 2-Butanone	4.66	43	387815	247.000	ug/l	99
26) 2,2-Dichloropropane	4.57	77	97285	34.714	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	110605	51.571	ug/l	97
28) Bromochloromethane	5.01	49	54123	54.382	ug/l	100
29) Tetrahydrofuran	5.11	42	255306	264.240	ug/l	99
30) Chloroform	5.20	83	176809	51.705	ug/l	98
31) Cyclohexane	5.57	56	155398	49.867	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	155381	53.628	ug/l	98
36) 1,1-Dichloropropene	5.79	75	132483	50.296	ug/l	100
37) Ethyl Acetate	4.82	43	137481	46.677	ug/l	99
38) Carbon Tetrachloride	5.78	117	129930	50.678	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	153714	48.120	ug/l	98
40) Benzene	6.13	78	402481	51.735	ug/l	98
41) Methacrylonitrile	5.03	41	82139	50.752	ug/l	99
42) 1,2-Dichloroethane	6.18	62	143235	51.309	ug/l	100
43) Isopropyl Acetate	6.43	43	227239	48.068	ug/l	100
44) Trichloroethene	7.20	130	103009	47.748	ug/l	93
45) 1,2-Dichloropropane	7.51	63	102067	51.476	ug/l	96
46) Dibromomethane	7.65	93	67569	51.148	ug/l	99
47) Bromodichloromethane	7.89	83	134341	52.109	ug/l	98
48) Methyl methacrylate	7.76	41	116234	50.455	ug/l	99
49) 1,4-Dioxane	7.73	88	59418	962.481	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	757780	257.097	ug/l	100
52) Toluene	8.78	92	254436	51.121	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	138453	43.336	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	153666	48.463	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	100908	51.231	ug/l	99
56) Ethyl methacrylate	9.17	69	166089	47.197	ug/l	99
57) 1,3-Dichloropropane	9.37	76	174832	51.313	ug/l	99
59) 2-Hexanone	9.49	43	582427	253.847	ug/l	100
60) Dibromochloromethane	9.58	129	103223	47.201	ug/l	98
61) 1,2-Dibromoethane	9.67	107	107082	51.681	ug/l	98
64) Tetrachloroethene	9.33	164	94001	50.217	ug/l	98
65) Chlorobenzene	10.14	112	264955	49.437	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96513	51.938	ug/l	100
67) Ethyl Benzene	10.25	91	484581	50.902	ug/l	100
68) m/p-Xylenes	10.35	106	363419	102.185	ug/l	100
69) o-Xylene	10.70	106	175383	50.569	ug/l	100
70) Styrene	10.71	104	303088	51.406	ug/l	100
71) Bromoform	10.85	173	69670	44.386	ug/l #	100
73) Isopropylbenzene	11.01	105	470631	51.530	ug/l	100
74) N-amyl acetate	10.89	43	186216	47.342	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	155348	51.140	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	146423m	53.143	ug/l	
77) Bromobenzene	11.25	156	108445	50.388	ug/l	97
78) n-propylbenzene	11.35	91	517350	51.479	ug/l	99
79) 2-Chlorotoluene	11.42	91	317901	50.333	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	399237	52.351	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43216	41.123	ug/l	97
82) 4-Chlorotoluene	11.51	91	372314	51.429	ug/l	99
83) tert-Butylbenzene	11.76	119	380798	51.188	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	401314	51.960	ug/l	99
85) sec-Butylbenzene	11.94	105	443223	51.426	ug/l	99
86) p-Isopropyltoluene	12.06	119	401961	50.287	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	195518	48.921	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	194400	48.028	ug/l	100
89) n-Butylbenzene	12.39	91	335197	49.895	ug/l	100
90) Hexachloroethane	12.59	117	68655	46.527	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	198477	50.656	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36666	51.499	ug/l	100
93) 1,2,4-Trichlorobenzene	13.64	180	119293	48.603	ug/l	100

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QLast Update : Wed Oct 09 01:51:23 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	53154	46.926	ug/l	99
95) Naphthalene	13.83	128	431471	50.712	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	122518	48.304	ug/l	99

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

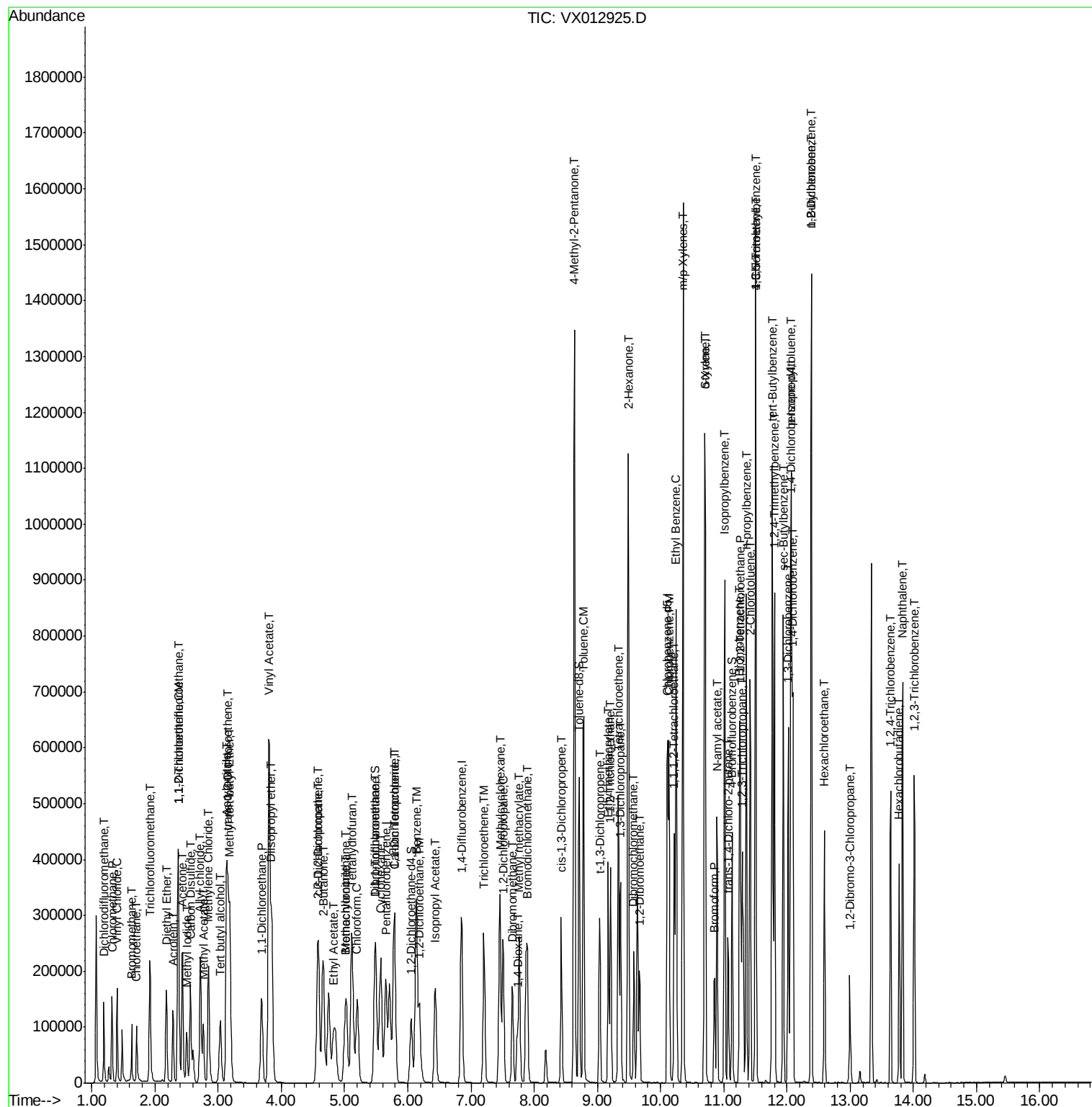
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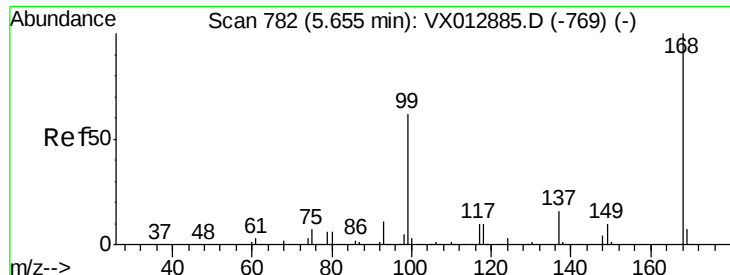
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

Tot Ion:168 Resp: 171783

Ion Ratio Lower Upper

168 100

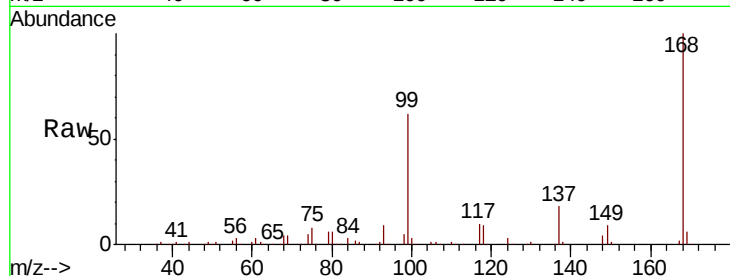
99 61.7 49.4 74.0

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

5.65

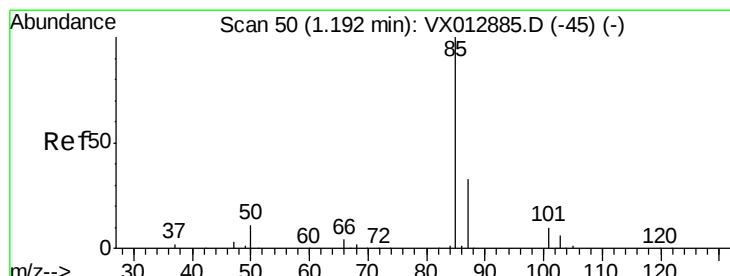
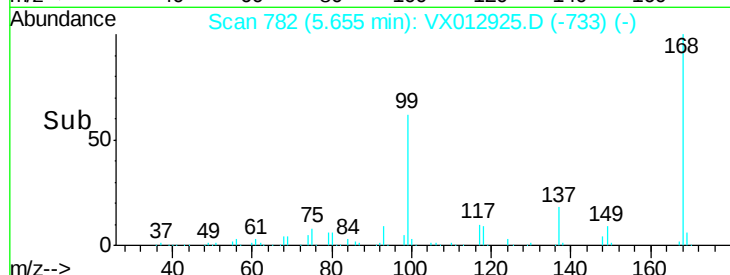
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.316 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX012925.D

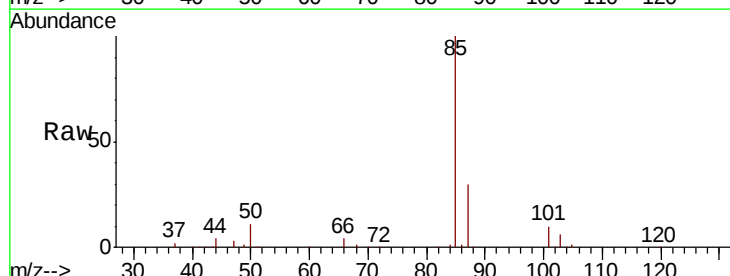
Acq: 09 Oct 2019 06:15

Tgt Ion: 85 Resp: 89856

Ion Ratio Lower Upper

85 100

87 30.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

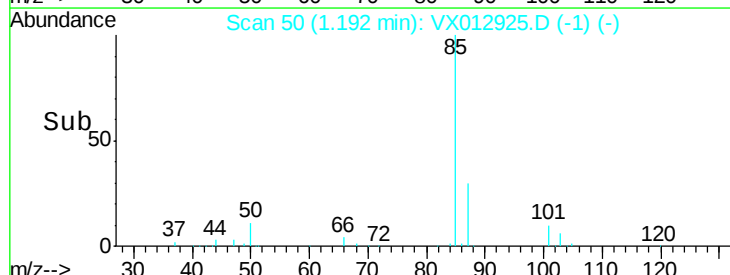
60000

40000

20000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 51.834 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

Tot Ion: 50 Resp: 98778

Ion Ratio Lower Upper

50 100

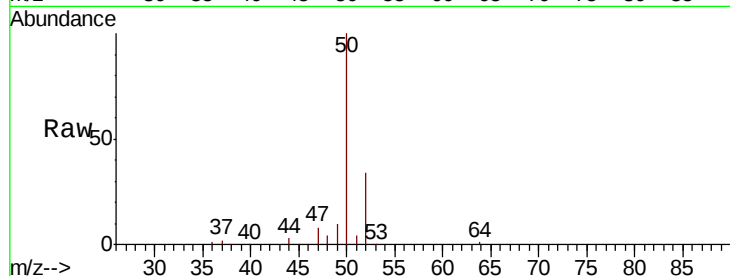
52 33.9 25.2 37.8

Manual Integrations

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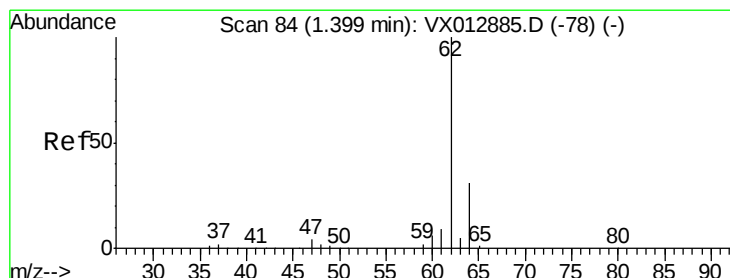
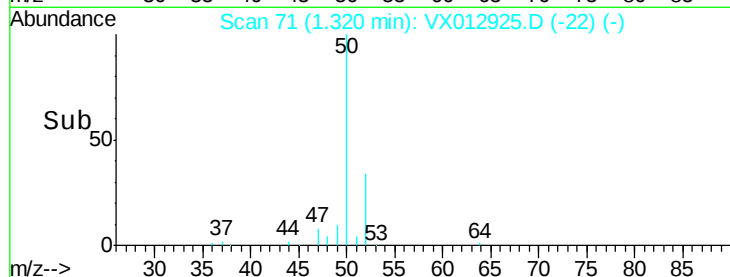
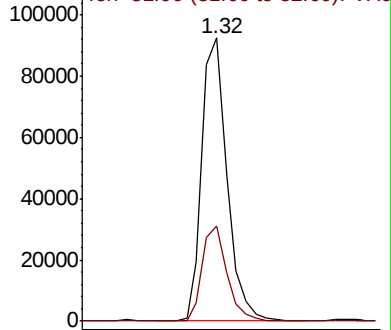
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.787 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012925.D

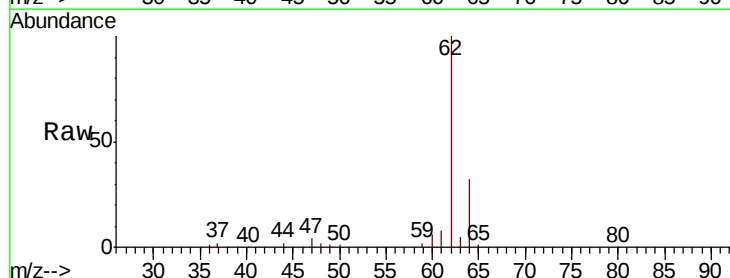
Acq: 09 Oct 2019 06:15

Tgt Ion: 62 Resp: 99894

Ion Ratio Lower Upper

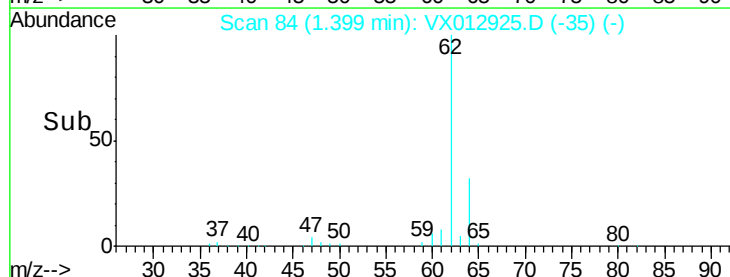
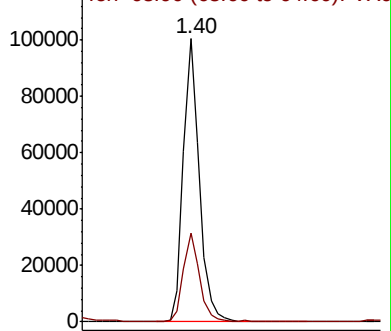
62 100

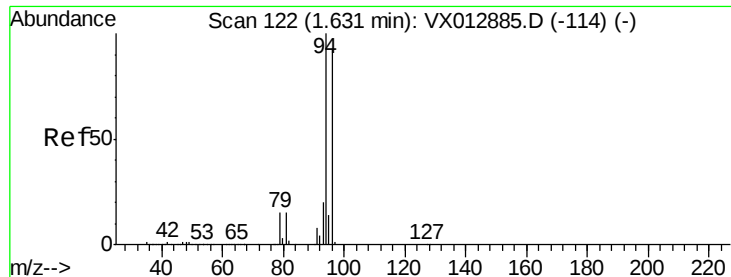
64 31.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.318 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

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MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

Tot Ion: 94 Resp: 33783

Ion Ratio Lower Upper

94 100

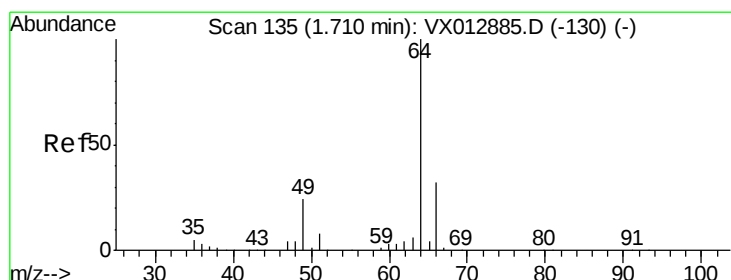
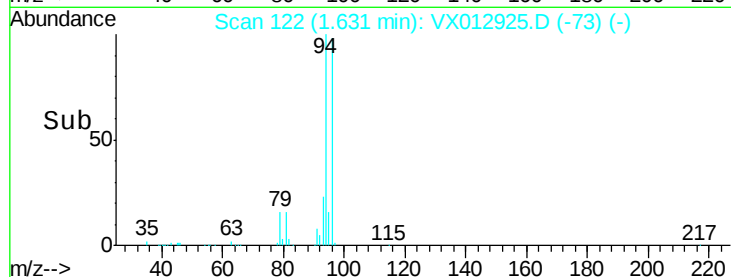
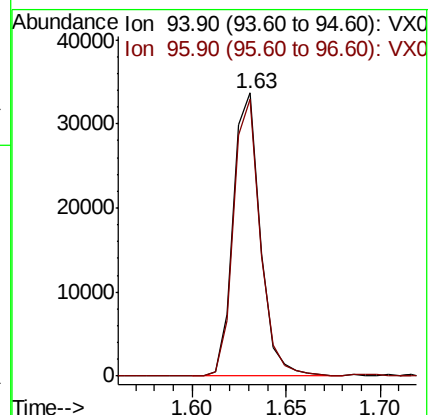
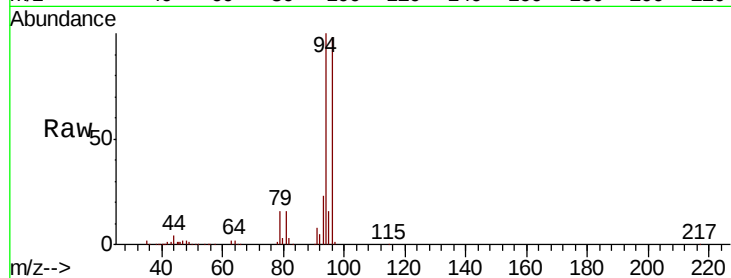
96 98.0 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 51.804 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012925.D

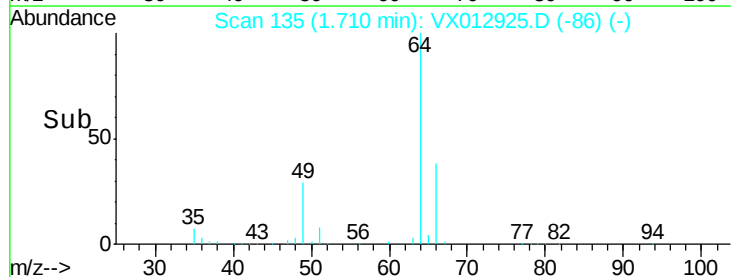
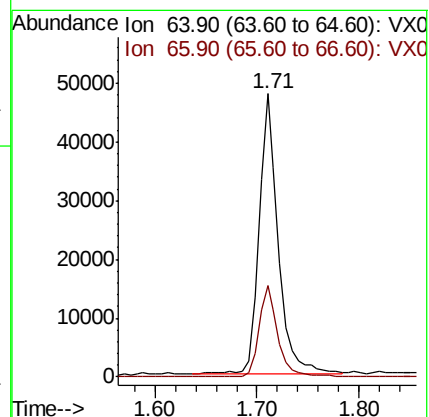
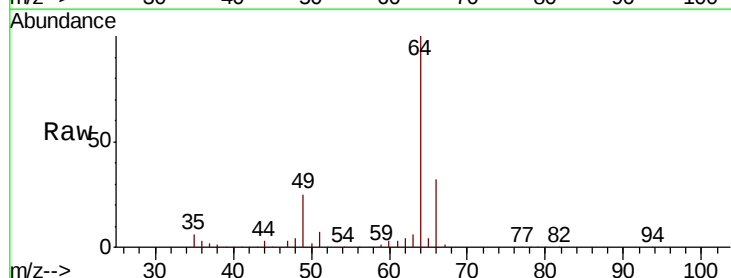
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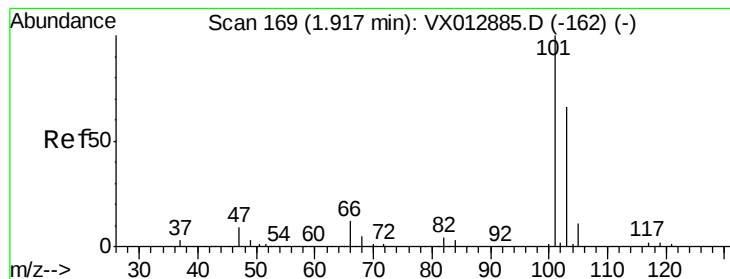
Tgt Ion: 64 Resp: 62257

Ion Ratio Lower Upper

64 100

66 32.5 25.6 38.4





#7

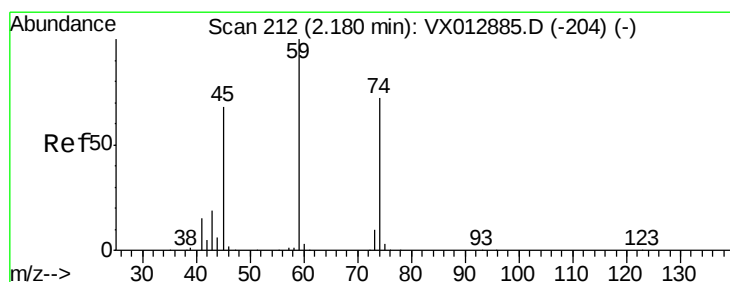
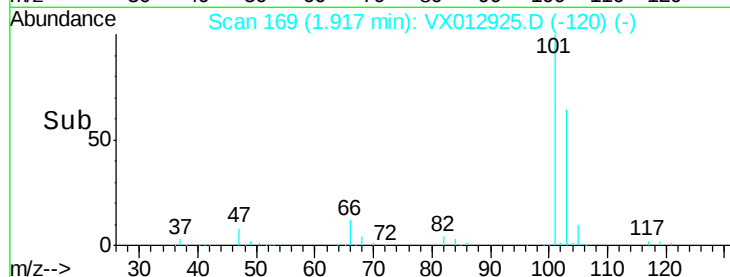
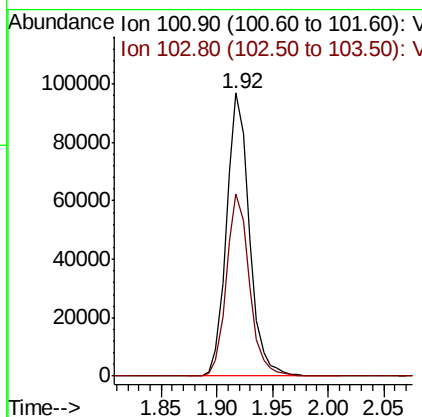
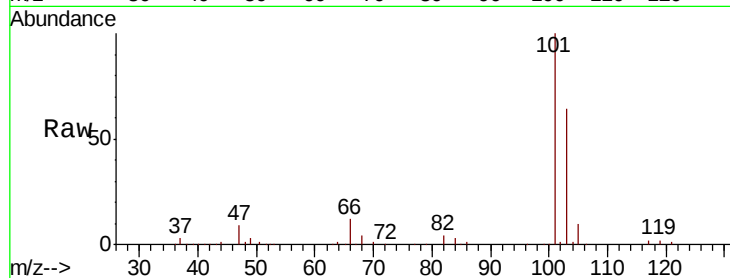
Trichlorofluoromethane
 Concen: 51.780 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.5	78.7

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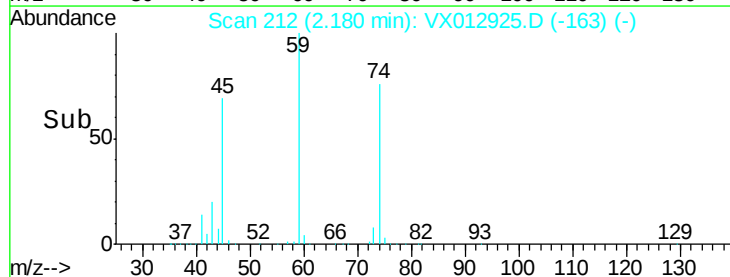
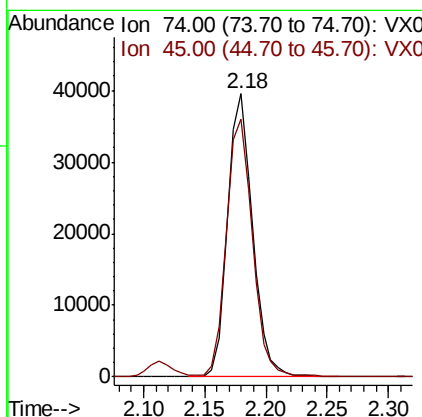
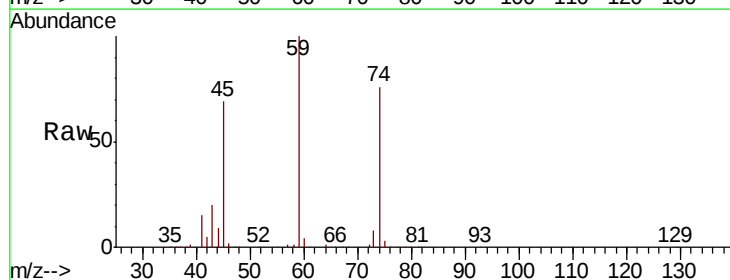
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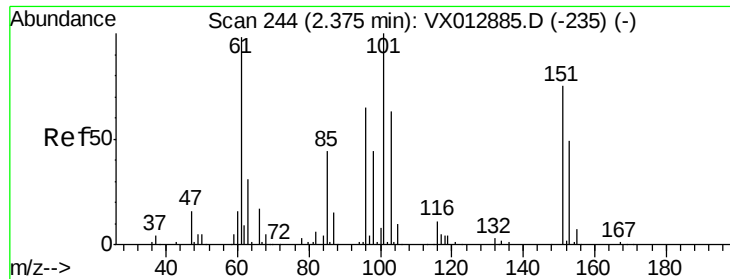


#8

Diethyl Ether
 Concen: 52.036 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.2	47.8	143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.959 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

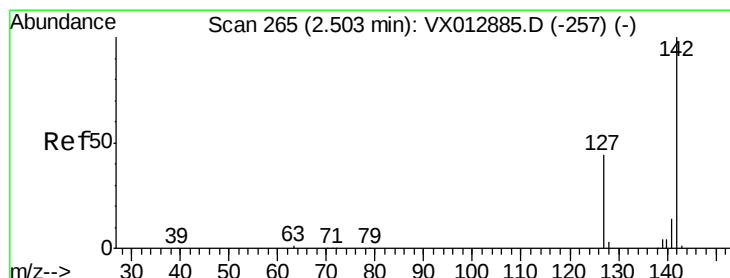
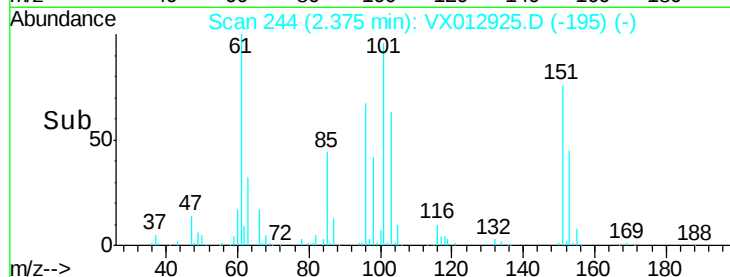
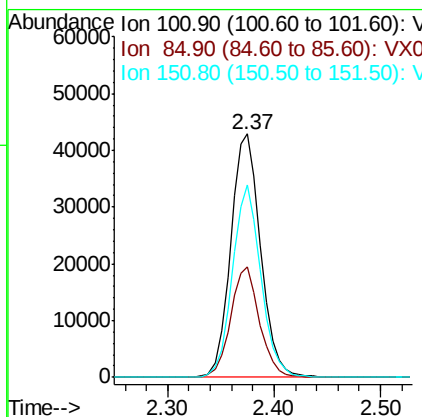
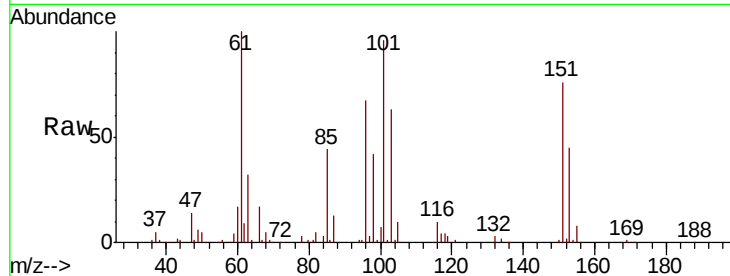
ClientSampleId :

FC-MW10S-20191002MS

Tot Ion:	101	Resp:	84119
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.2	52.8
151	75.5	60.3	90.5

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#10

Methyl Iodide

Concen: 48.336 ug/l

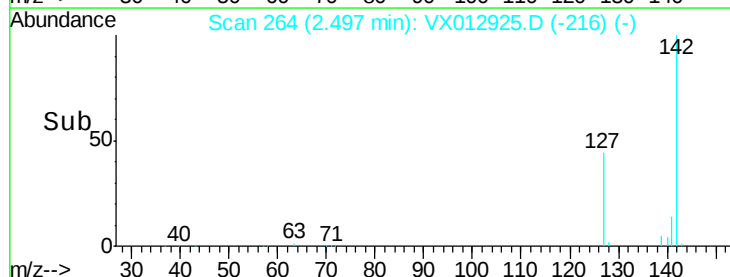
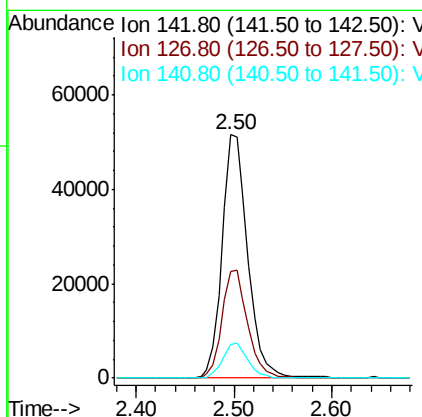
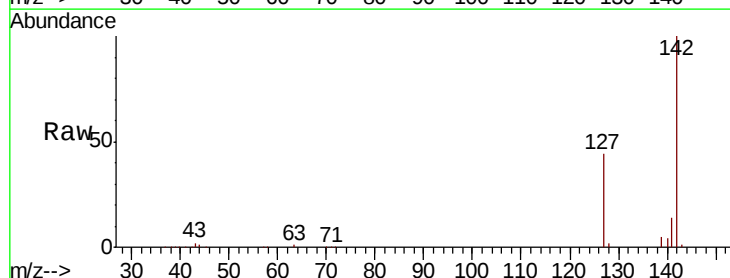
RT: 2.50 min Scan# 264

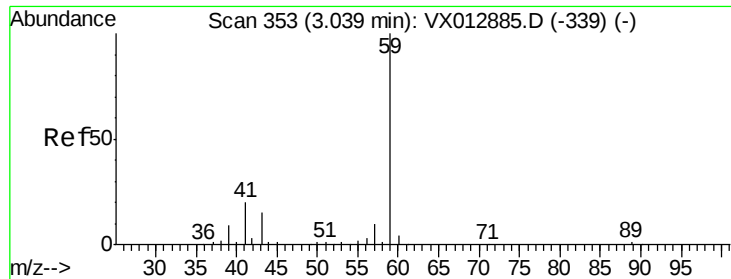
Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Tgt Ion:	142	Resp:	93718
Ion Ratio	Lower	Upper	
142	100		
127	44.3	34.9	52.3
141	14.2	11.6	17.4





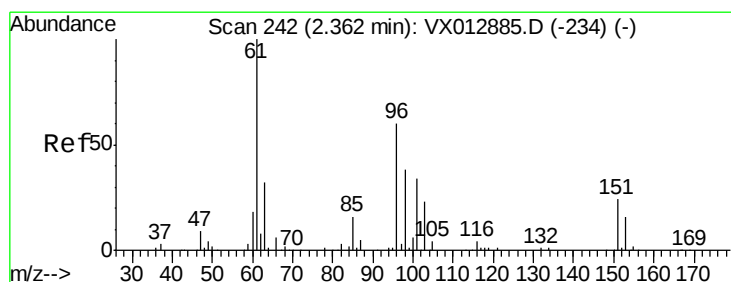
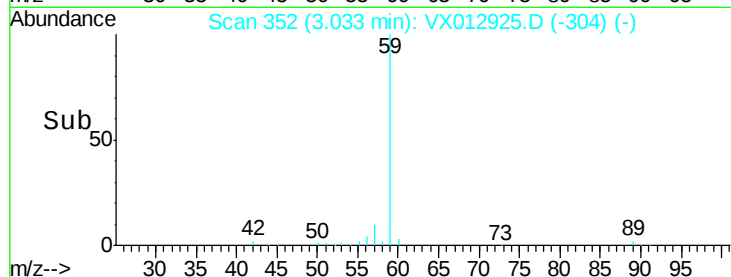
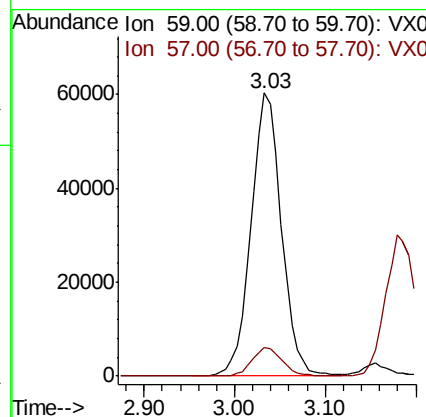
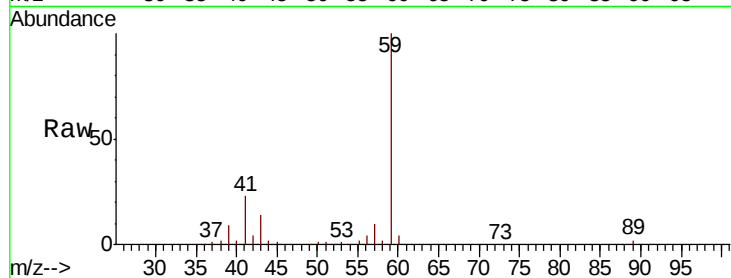
#11
Tert butyl alcohol
Concen: 246.317 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

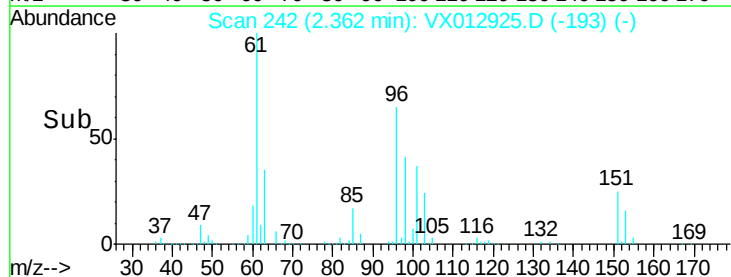
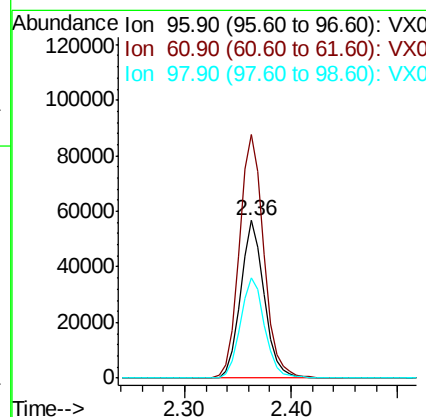
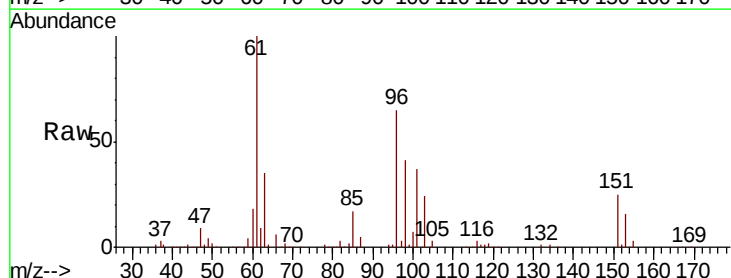
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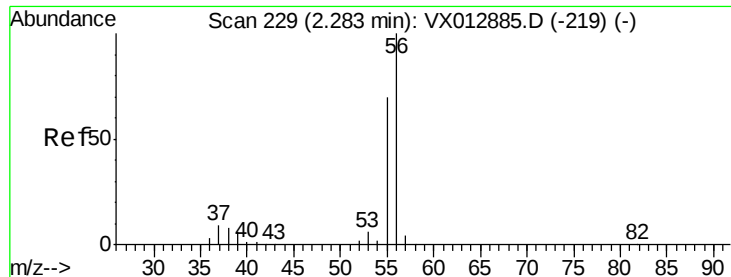
MMDadoda
10/9/2019 10:39:16 AM



#12
1,1-Dichloroethene
Concen: 50.955 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.5	132.2	198.4
98	63.3	50.5	75.7





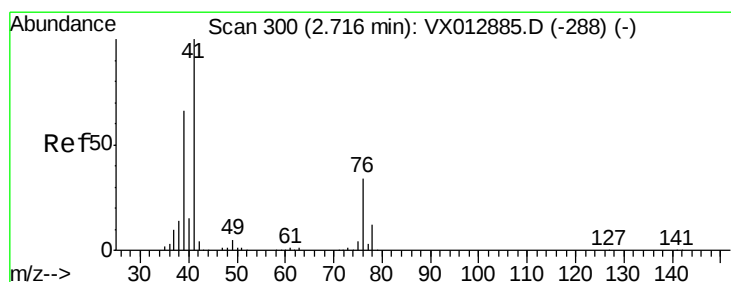
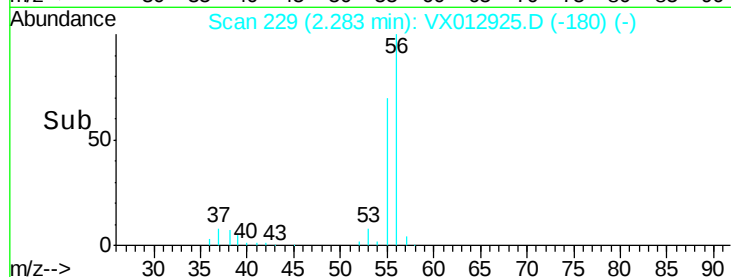
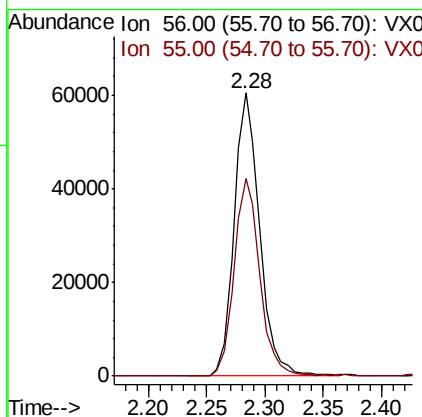
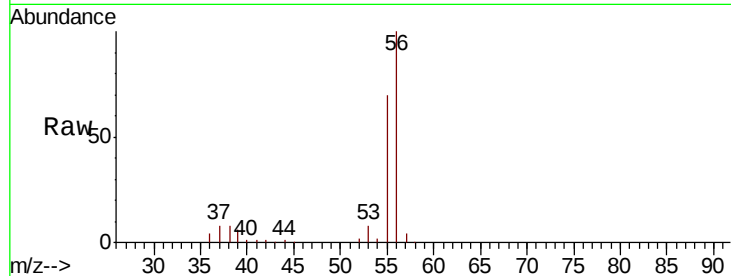
#13
Acrolein
Concen: 228.012 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

Tot Ion: 56 Resp: 92227
Ion Ratio Lower Upper
56 100
55 70.7 56.6 85.0

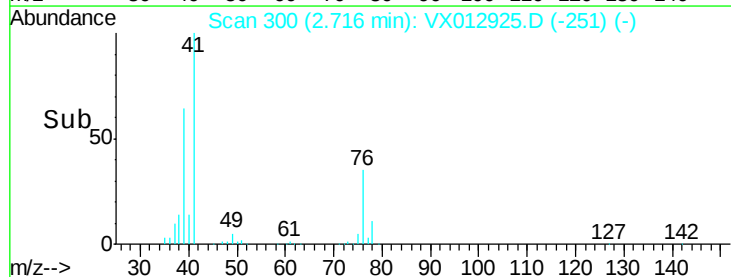
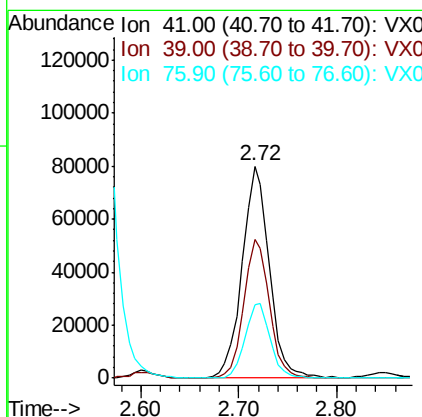
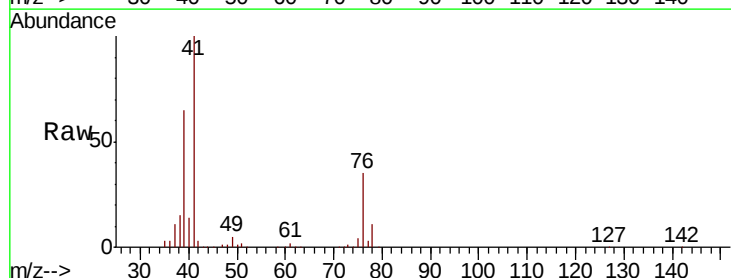
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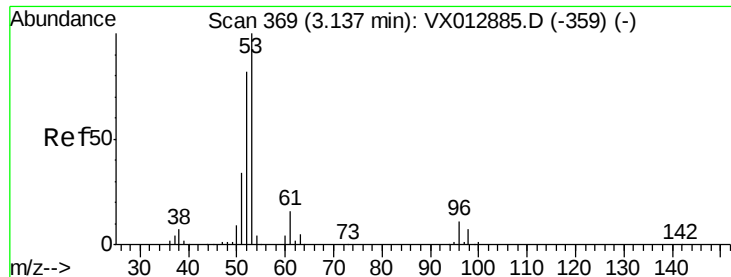
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#14
Allyl chloride
Concen: 49.689 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion: 41 Resp: 153614
Ion Ratio Lower Upper
41 100
39 62.2 51.0 76.6
76 32.7 26.2 39.4





#15

Acrylonitrile

Concen: 262.200 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

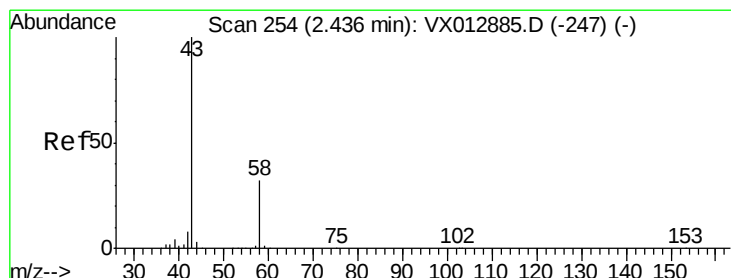
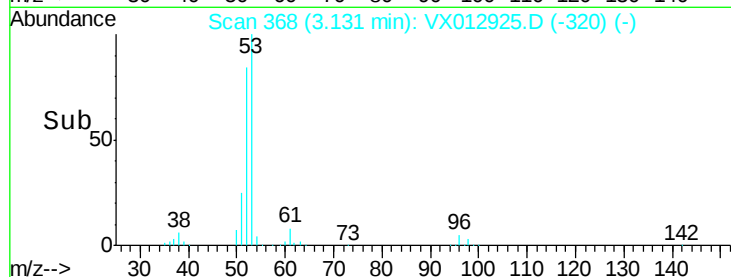
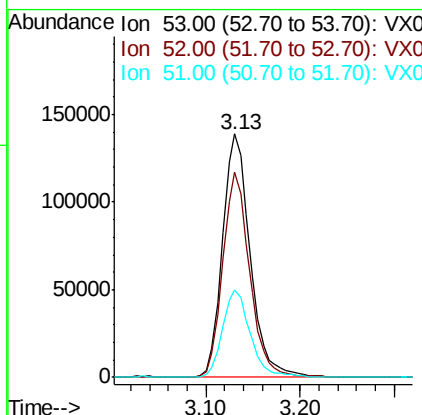
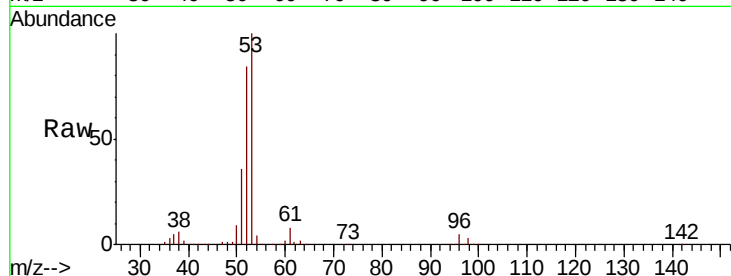
ClientSampleId :

FC-MW10S-20191002MS

Tot Ion:	53	Resp:	282813
Ion Ratio		Lower	Upper
53	100		
52	82.4	66.2	99.2
51	36.4	28.2	42.4

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#16

Acetone

Concen: 219.916 ug/l

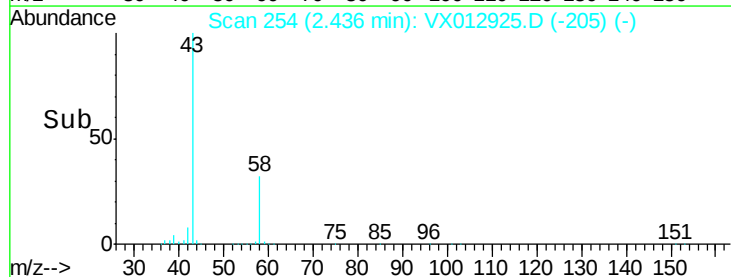
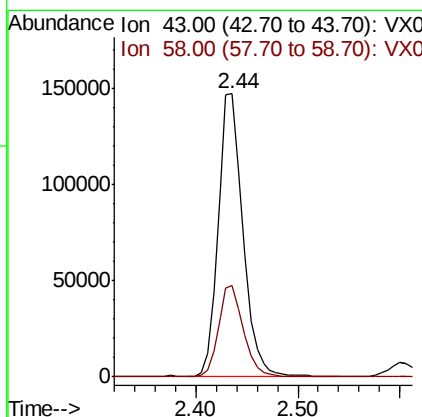
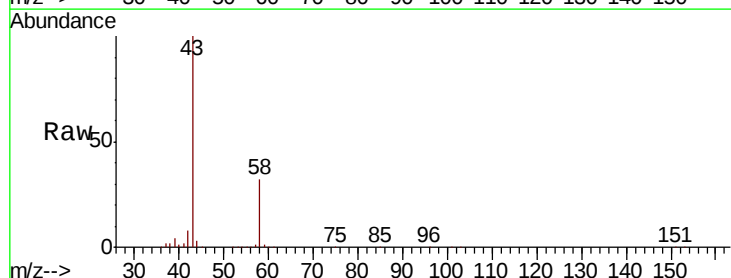
RT: 2.44 min Scan# 254

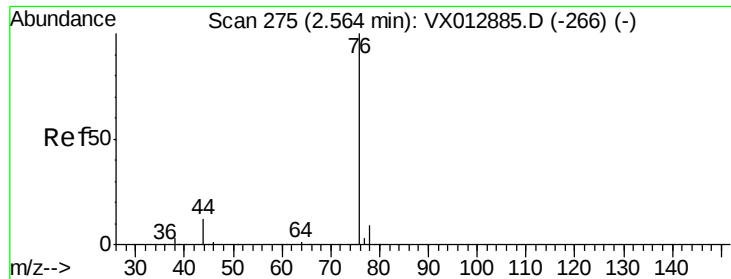
Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Tgt Ion:	43	Resp:	248883
Ion Ratio		Lower	Upper
43	100		
58	32.4	25.4	38.2





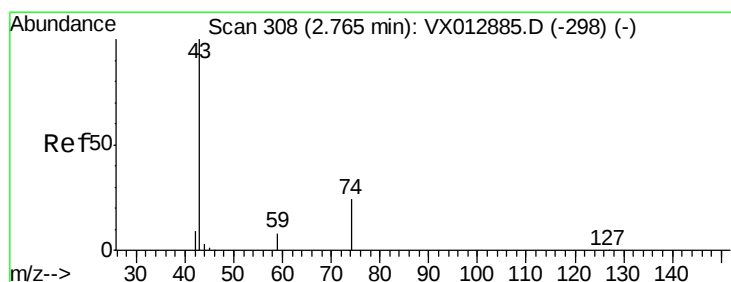
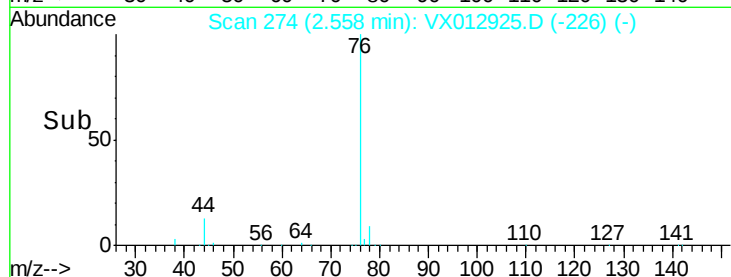
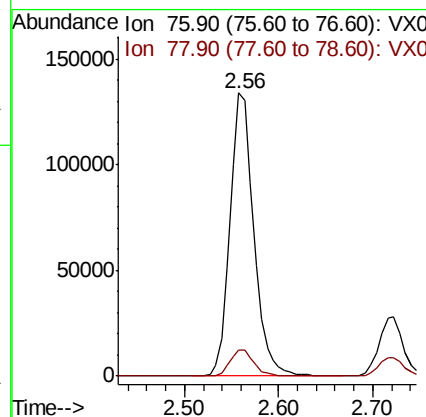
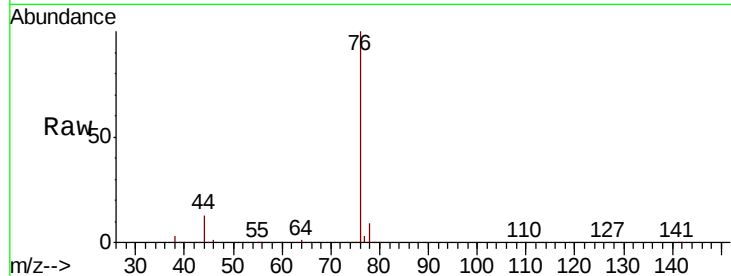
#17
Carbon Disulfide
Concen: 47.535 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

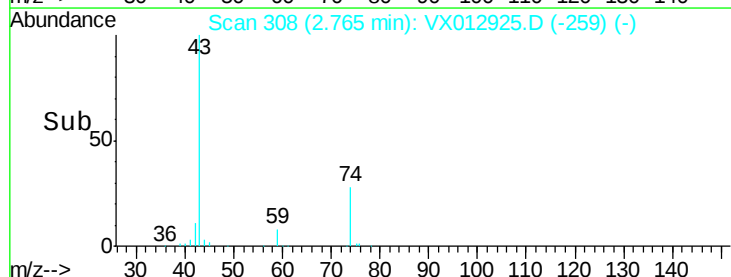
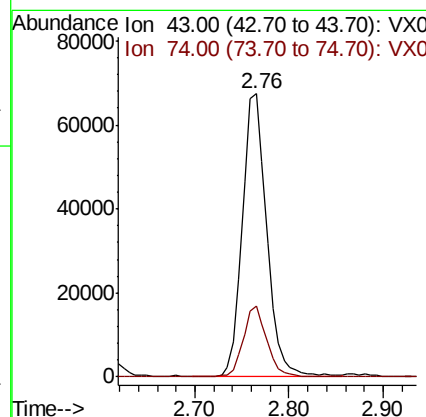
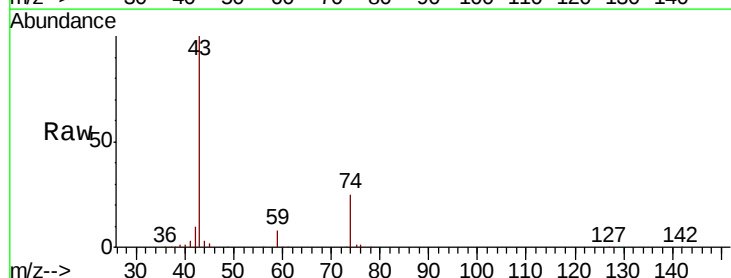
Manual Integrations
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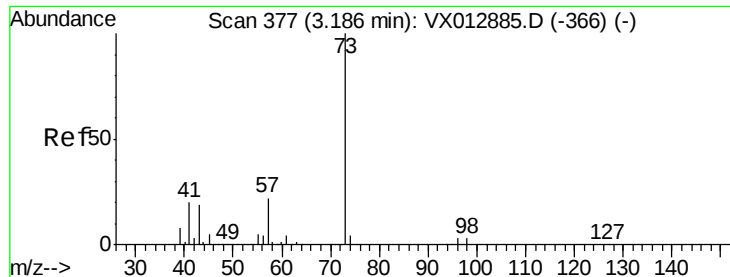
MMDadoda
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#18
Methyl Acetate
Concen: 45.487 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.2	28.8





#19

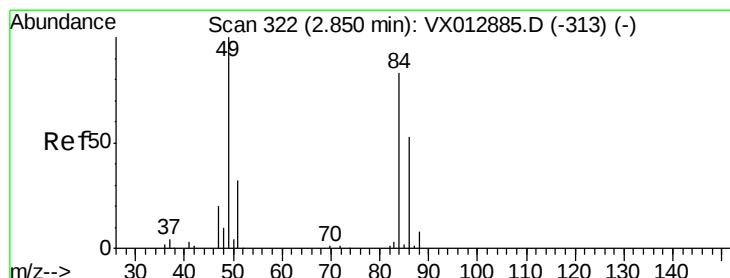
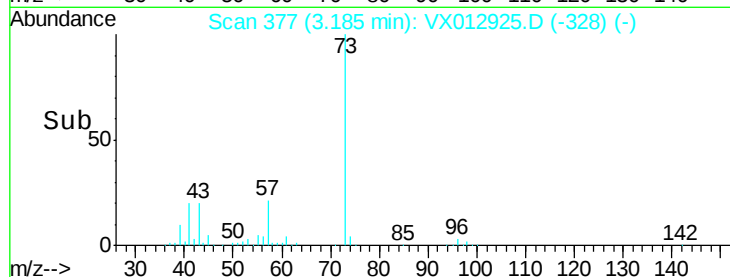
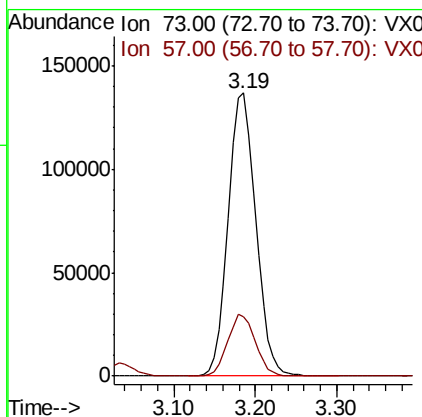
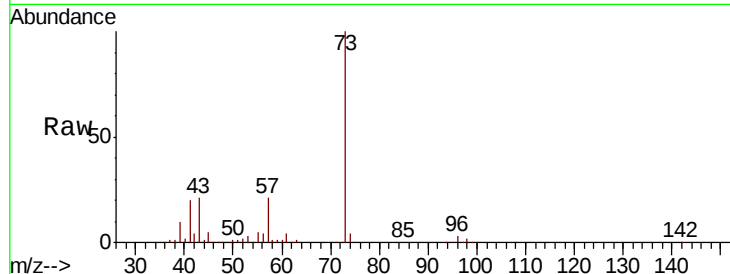
Methyl tert-butyl Ether
 Concen: 53.363 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.8	26.6

Manual Integrations
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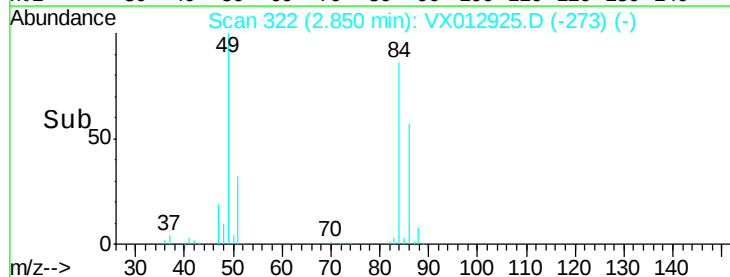
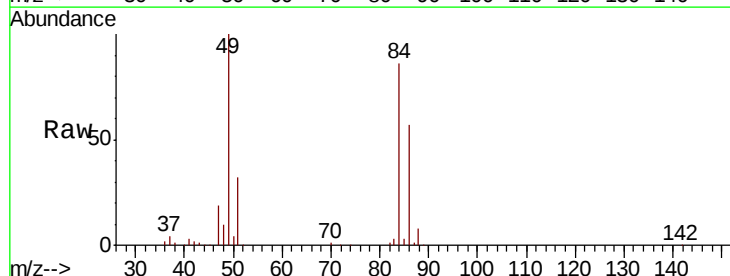
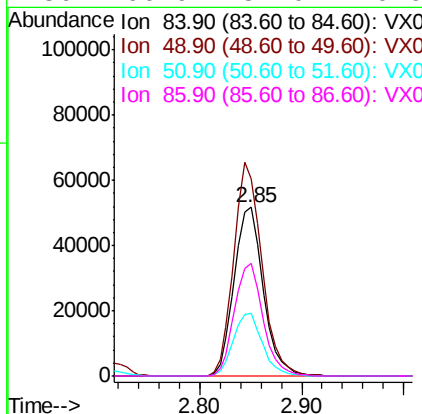
MMDadoda
 10/9/2019 10:39:16 AM

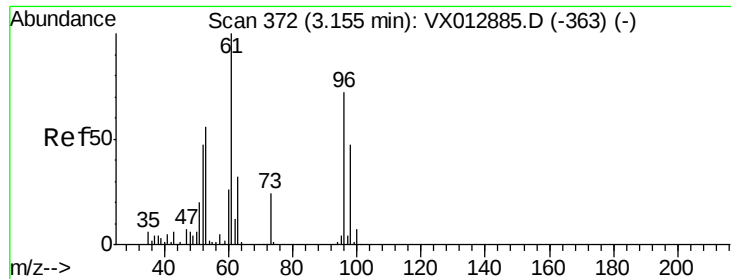


#20

Methylene Chloride
 Concen: 49.201 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.6	96.6	144.8
51	37.0	30.7	46.1
86	66.9	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 51.822 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

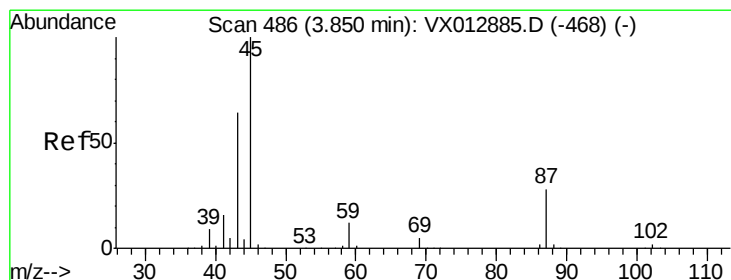
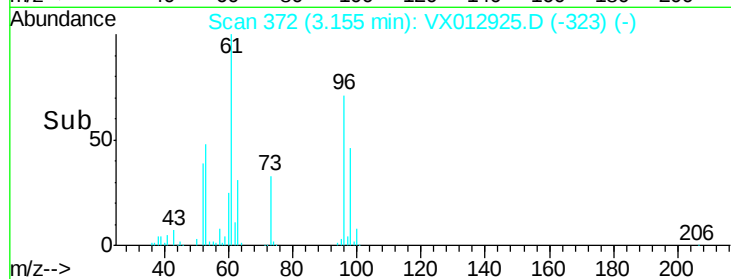
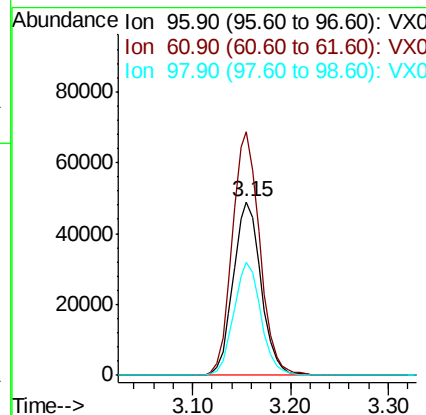
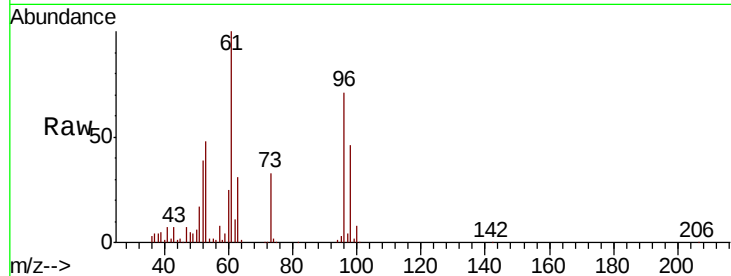
ClientSampleId :

FC-MW10S-20191002MS

Tot Ion:	96	Resp:	96421
Ion	Ratio	Lower	Upper
96	100		
61	140.2	110.4	165.6
98	65.0	51.5	77.3

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#22

Diisopropyl ether

Concen: 53.268 ug/l

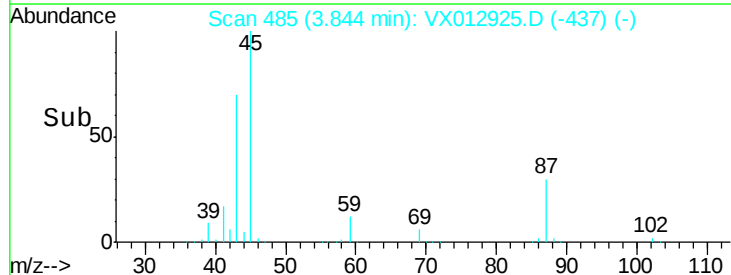
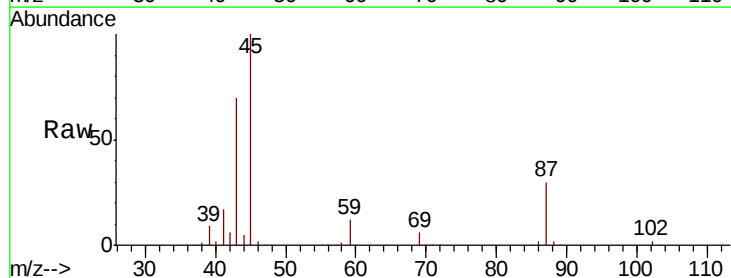
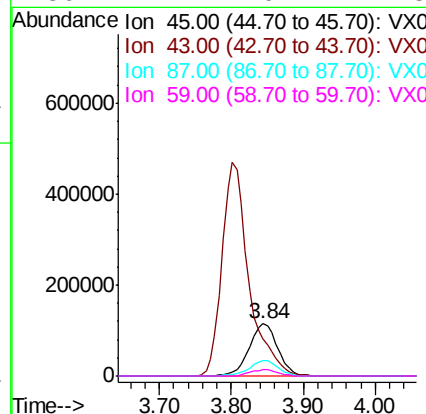
RT: 3.84 min Scan# 485

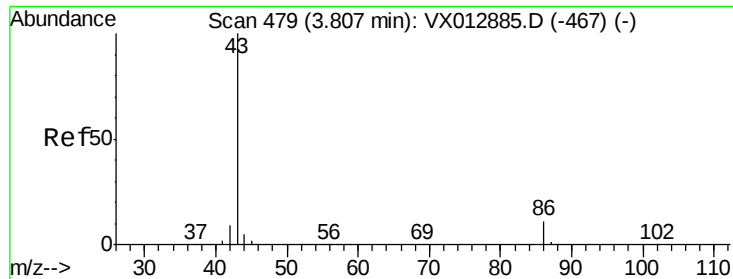
Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Tgt Ion:	45	Resp:	315555
Ion	Ratio	Lower	Upper
45	100		
43	70.1	51.4	77.0
87	29.7	22.5	33.7
59	12.1	9.7	14.5





#23

Vinyl Acetate

Concen: 239.071 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

Tot Ion: 43 Resp: 1222592

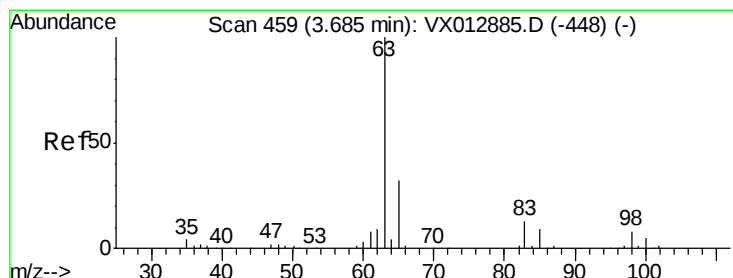
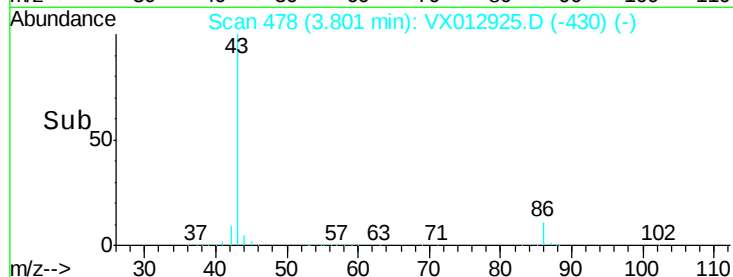
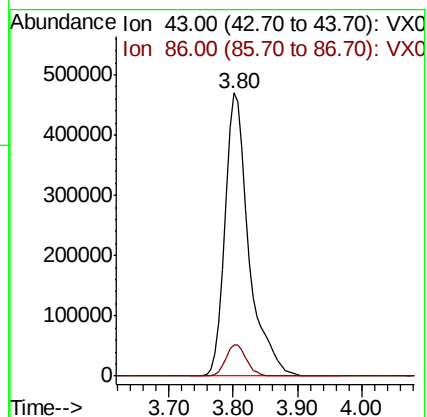
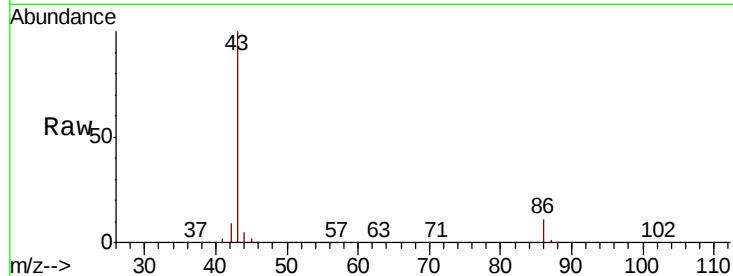
Ion Ratio Lower Upper

43 100

86 11.1 9.0 13.6

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 53.044 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

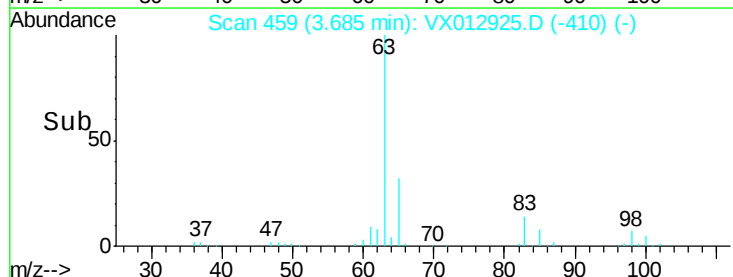
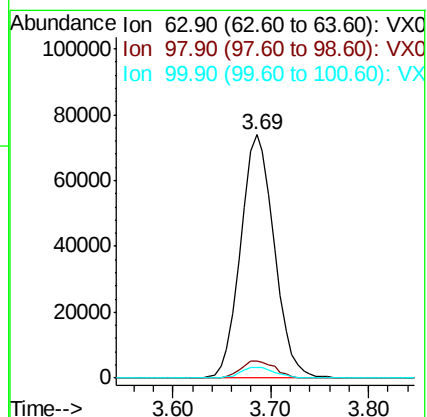
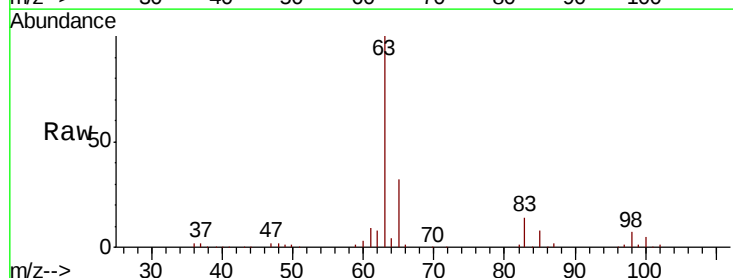
Tgt Ion: 63 Resp: 176775

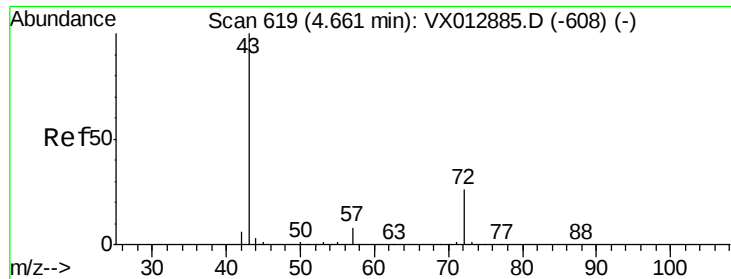
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

100 4.5 2.3 6.9





#25

2-Butanone

Concen: 247.000 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

Tot Ion: 43 Resp: 387815

Ion Ratio Lower Upper

43 100

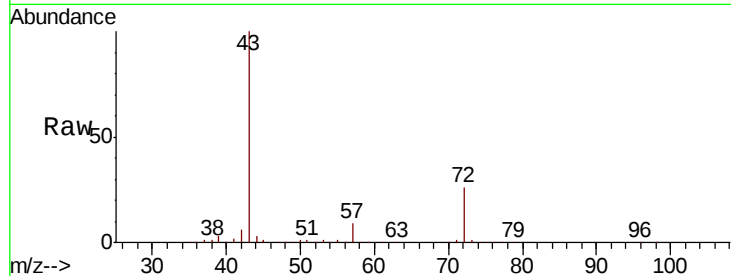
72 25.6 21.0 31.6

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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

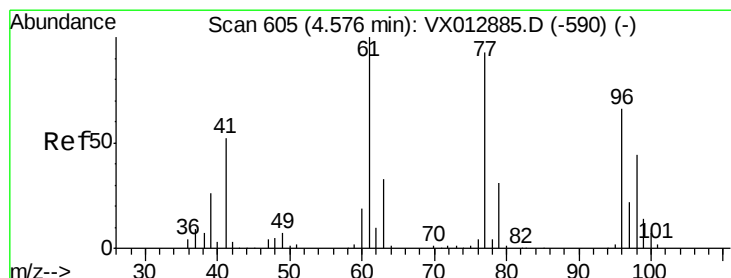
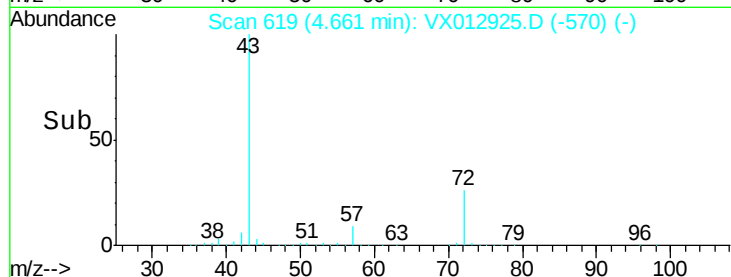
50000

0

4.66

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 34.714 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012925.D

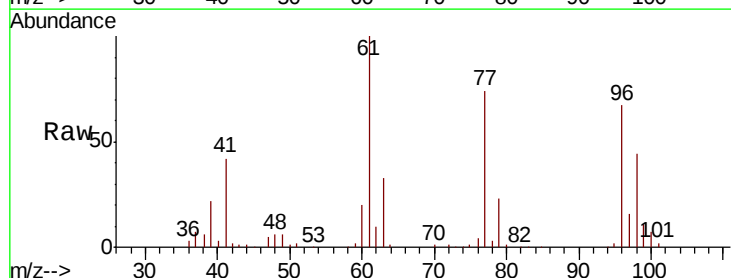
Acq: 09 Oct 2019 06:15

Tgt Ion: 77 Resp: 97285

Ion Ratio Lower Upper

77 100

97 24.3 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

20000

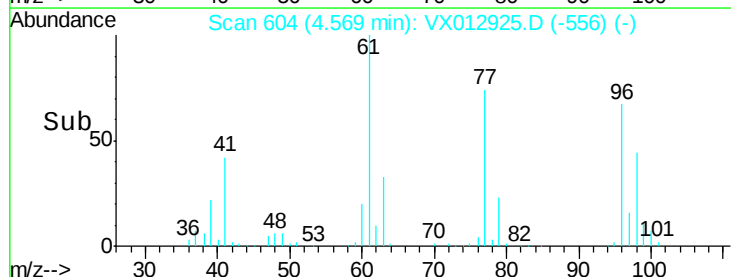
10000

0

4.57

4.50 4.60 4.70

Time-->





#27

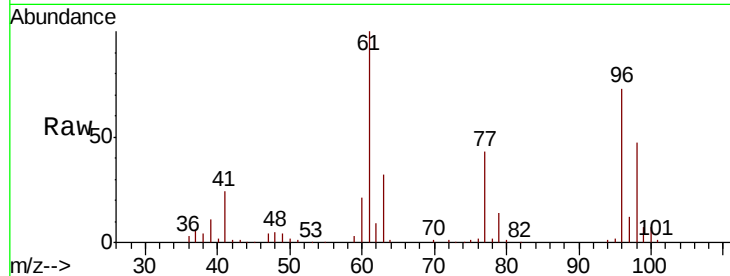
cis-1,2-Dichloroethene
Concen: 51.571 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

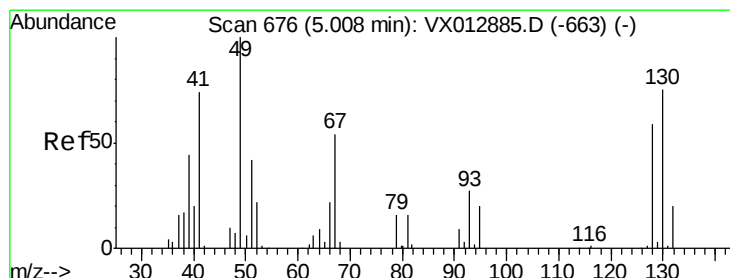
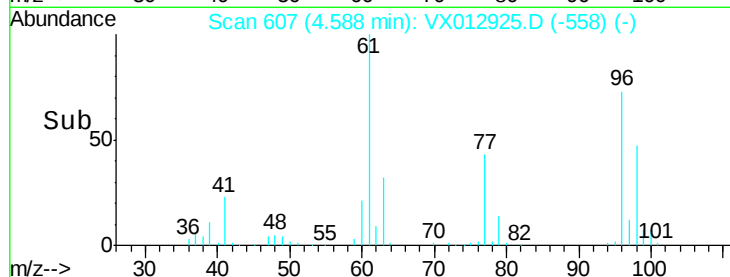
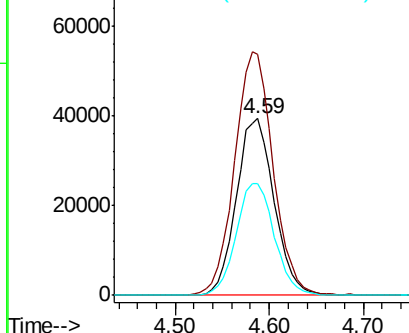
Tot Ion	Ratio	Resp	Lower	Upper
96	100	110605		
61	139.9	0.0	290.6	
98	64.2	0.0	128.8	

Manual Integrations
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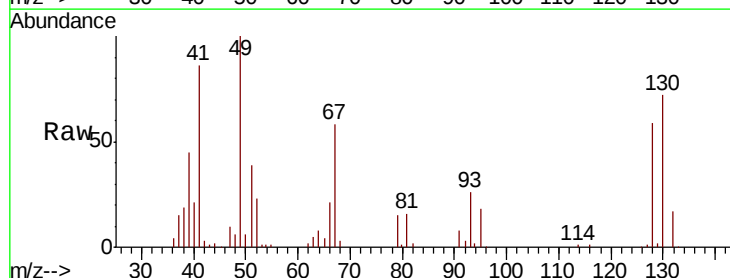
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



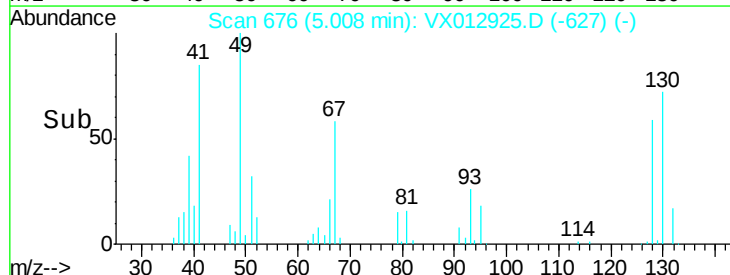
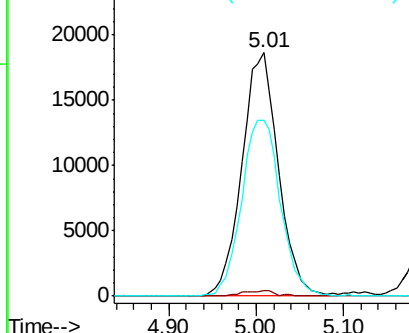
#28

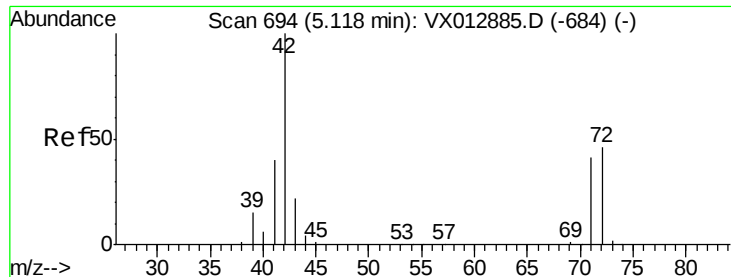
Bromochloromethane
Concen: 54.382 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	54123		
129	1.9	0.0	4.2	
130	77.2	62.1	93.1	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 264.240 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

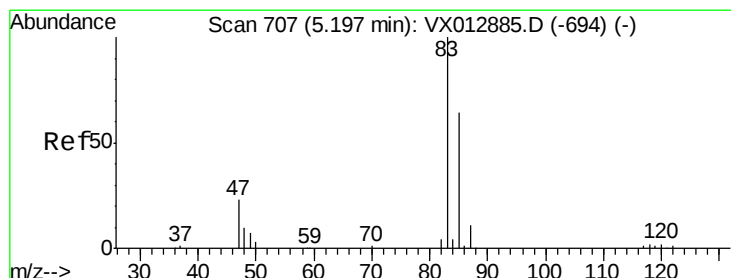
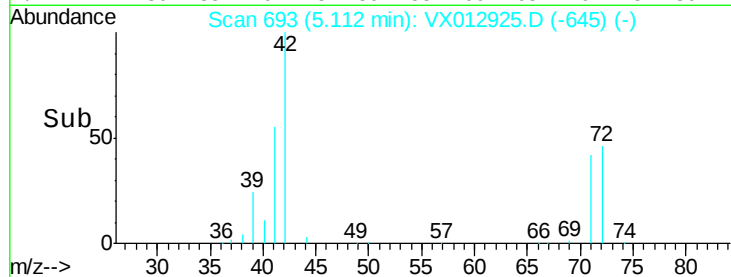
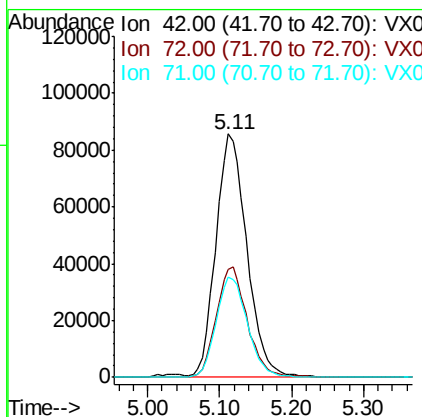
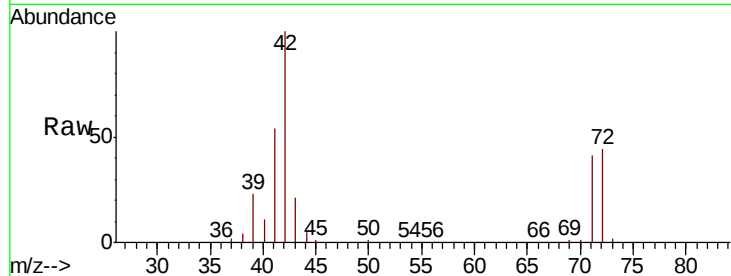
ClientSampleId :

FC-MW10S-20191002MS

Tot Ion	Ion	Ratio	Lower	Upper
42	100			
72	45.4	36.9	55.3	
71	41.9	33.5	50.3	

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#30

Chloroform

Concen: 51.705 ug/l

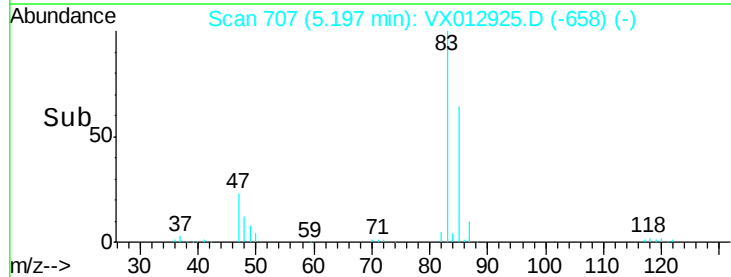
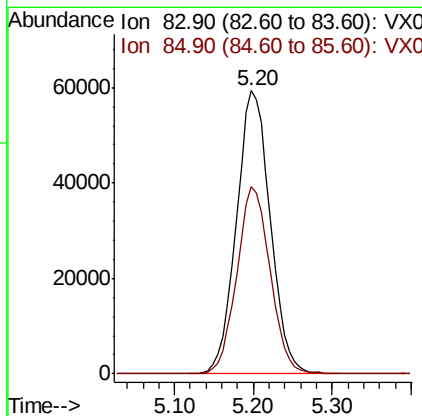
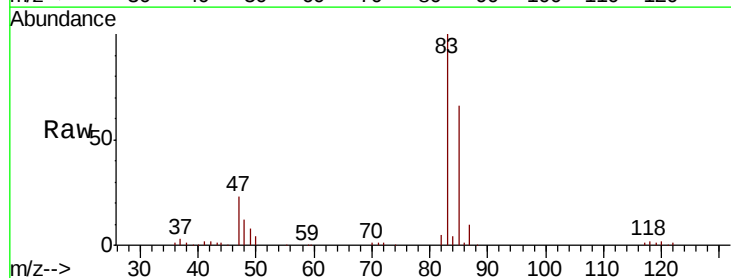
RT: 5.20 min Scan# 707

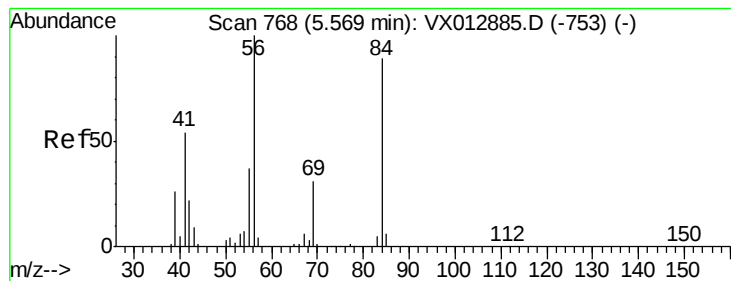
Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
85	66.0	51.5	77.3	





#31

Cyclohexane

Concen: 49.867 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

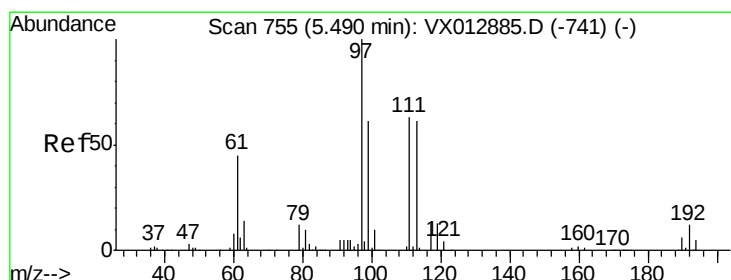
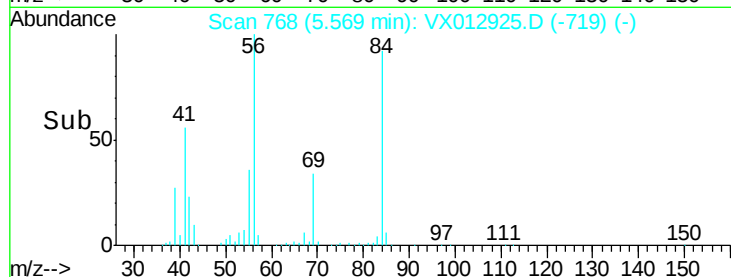
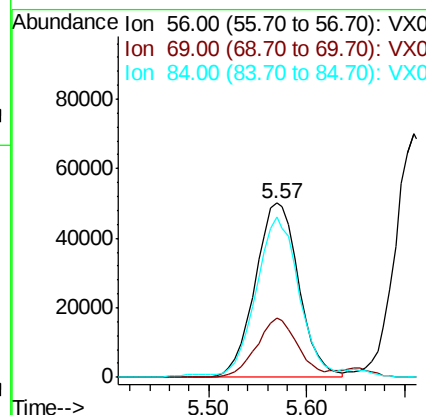
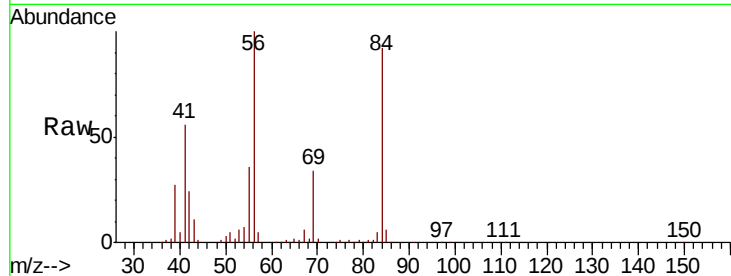
ClientSampleId :

FC-MW10S-20191002MS

Tot Ion:	56	Resp:	155398
Ion Ratio	Lower	Upper	
56	100		
69	33.8	25.2	37.8
84	90.0	71.3	106.9

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#32

1,1,1-Trichloroethane

Concen: 53.628 ug/l

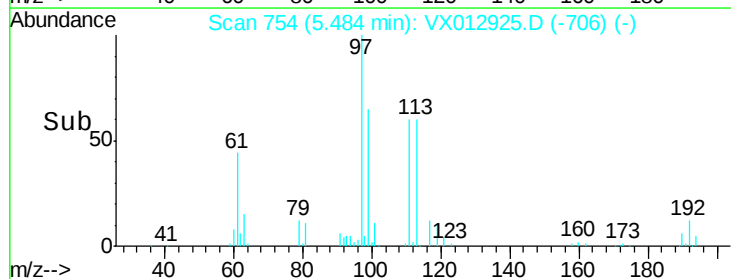
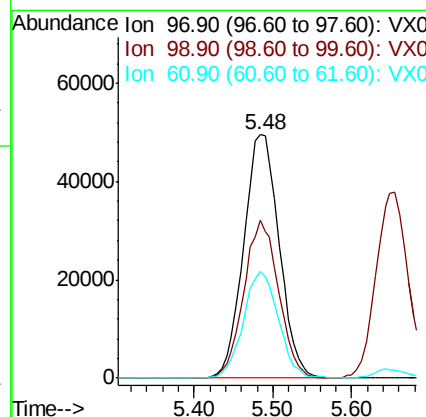
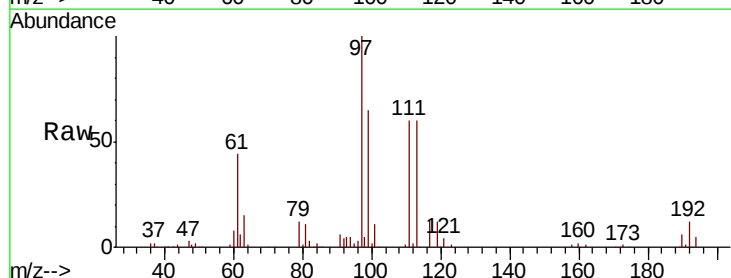
RT: 5.48 min Scan# 754

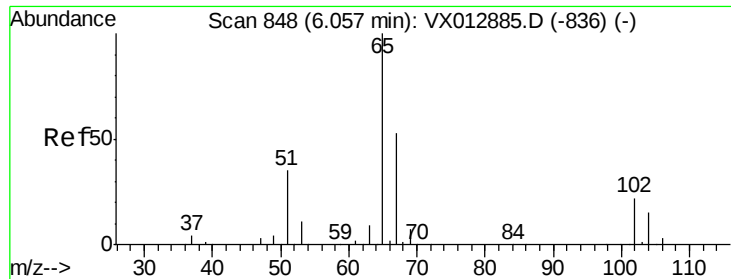
Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Tgt Ion:	97	Resp:	155381
Ion Ratio	Lower	Upper	
97	100		
99	63.5	52.3	78.5
61	43.2	35.0	52.4





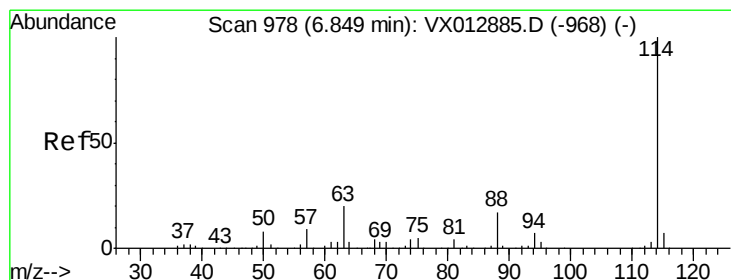
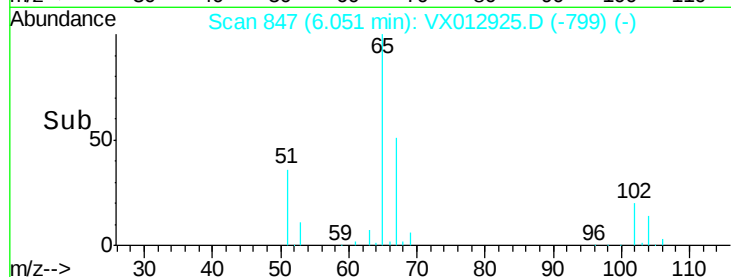
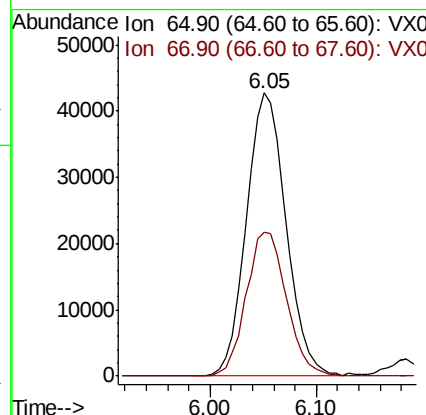
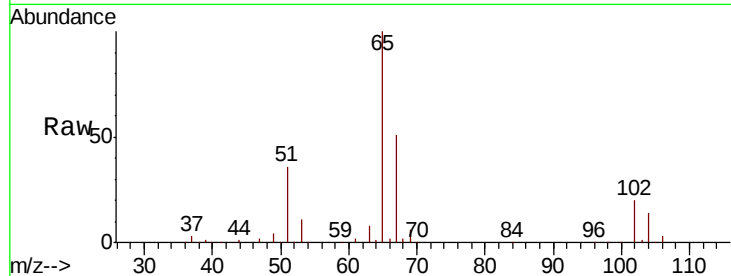
#33
 1,2-Dichloroethane-d4
 Concen: 52.057 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	111769		
67	51.9	0.0	104.4	

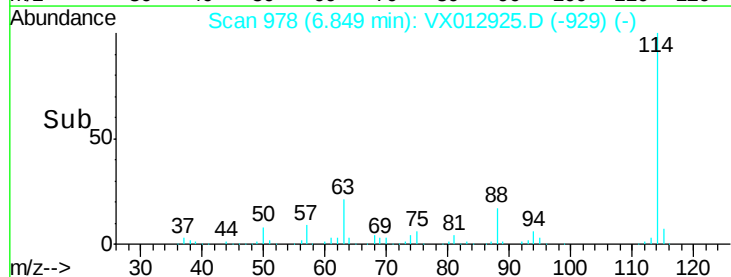
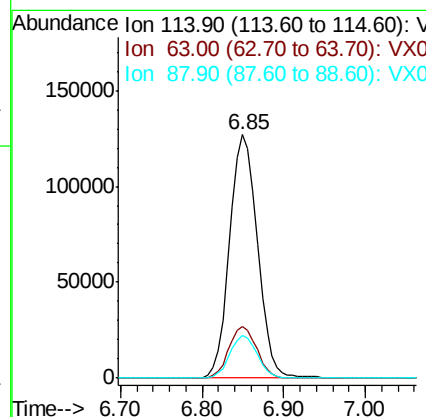
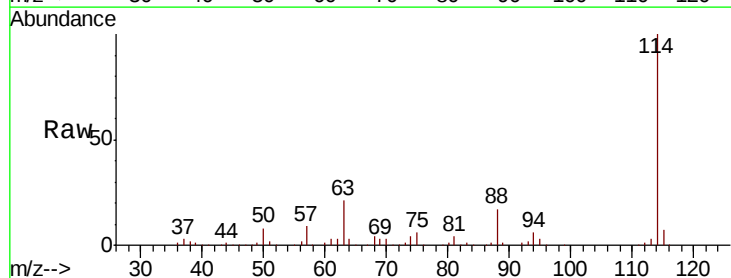
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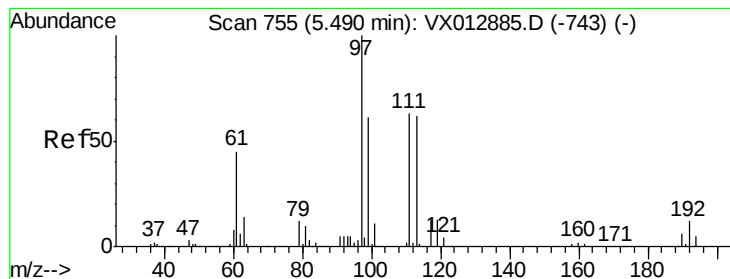
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	299595		
63	21.1	0.0	40.8	
88	17.5	0.0	33.8	





#35

Dibromofluoromethane

Concen: 50.601 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

Tot Ion:113 Resp: 87010

Ion Ratio Lower Upper

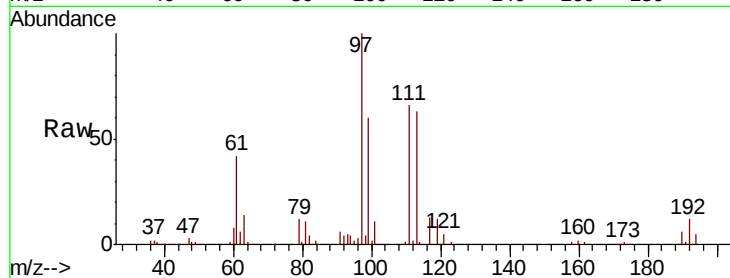
113 100

111 104.4 83.2 124.8

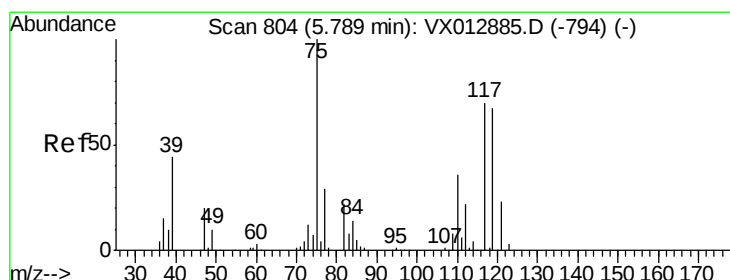
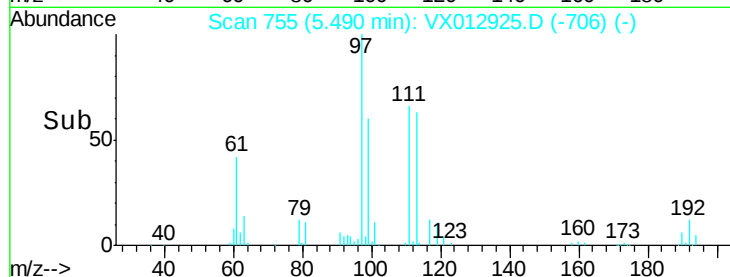
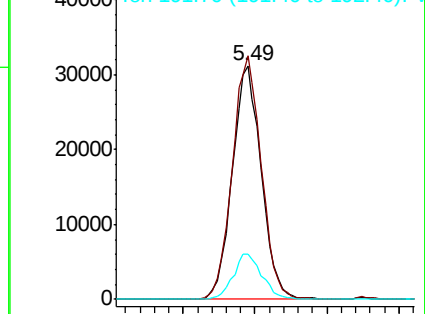
192 19.4 15.4 23.2

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.296 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

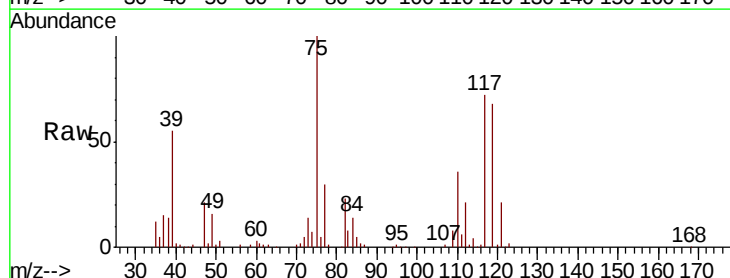
Tgt Ion: 75 Resp: 132483

Ion Ratio Lower Upper

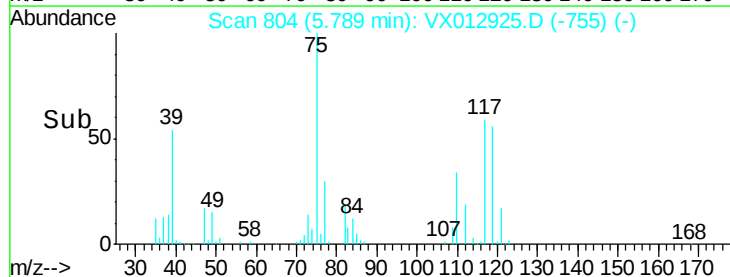
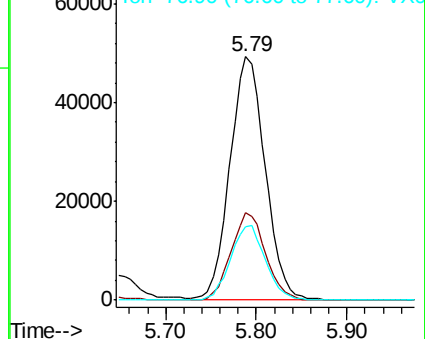
75 100

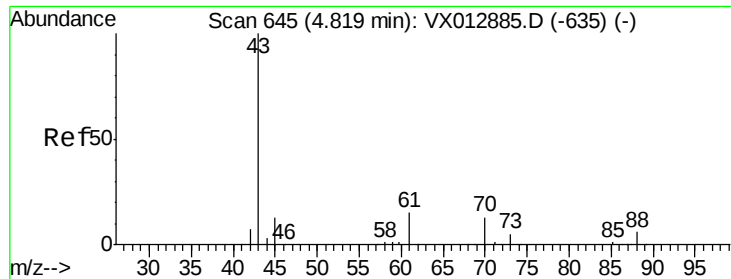
110 35.3 17.6 52.9

77 30.5 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





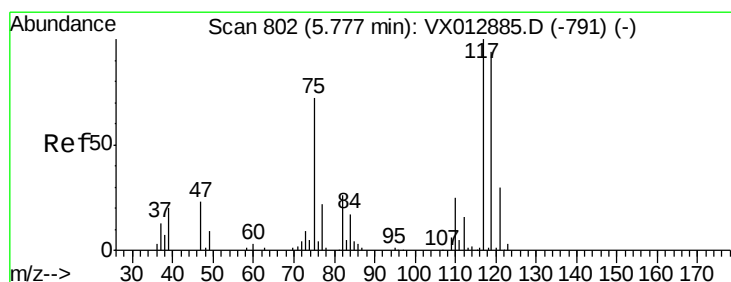
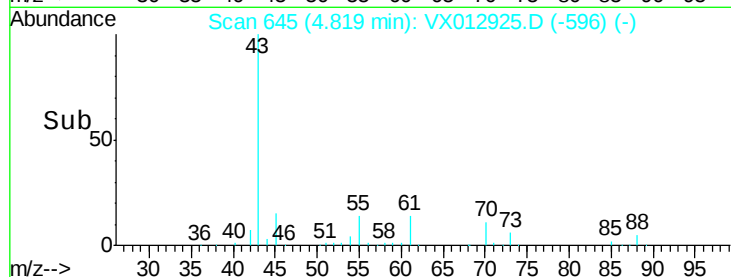
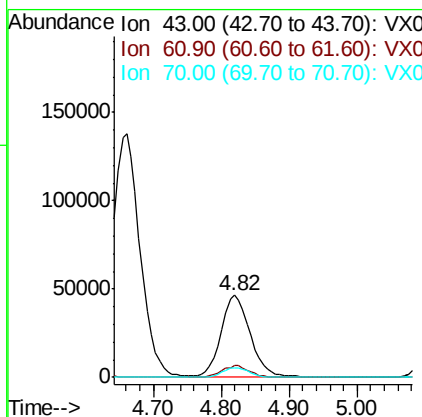
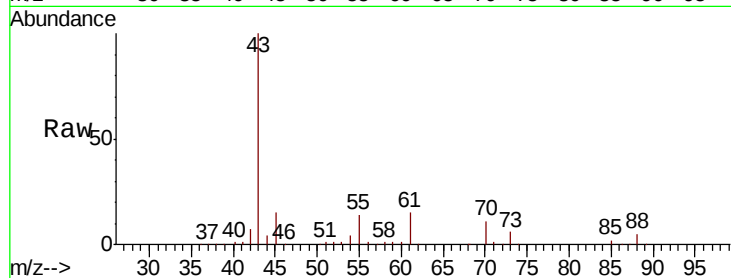
#37
Ethyl Acetate
Concen: 46.677 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.4	17.0
70	11.8	9.8	14.6

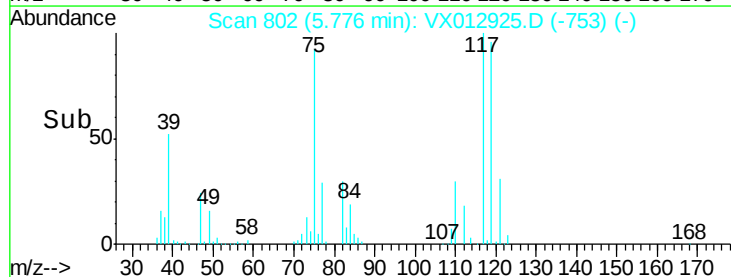
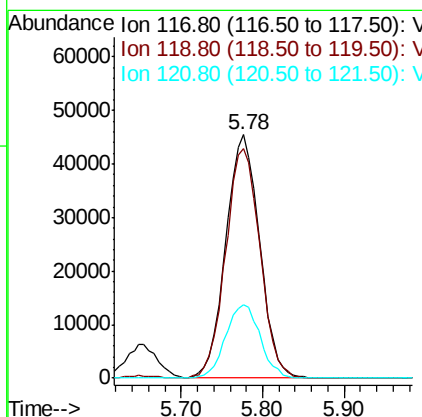
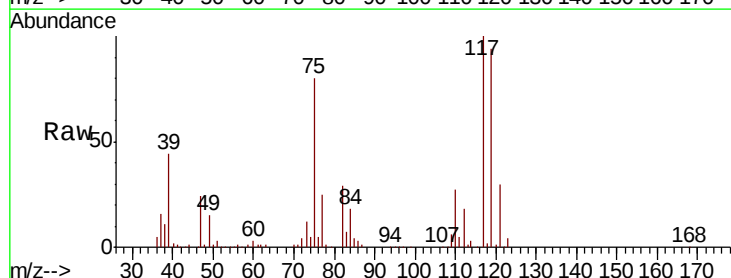
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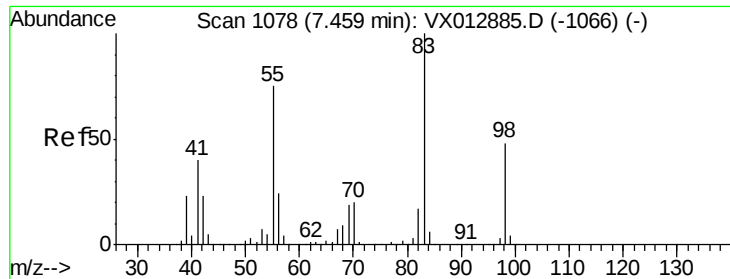
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#38
Carbon Tetrachloride
Concen: 50.678 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	74.5	111.7
121	30.2	24.2	36.4





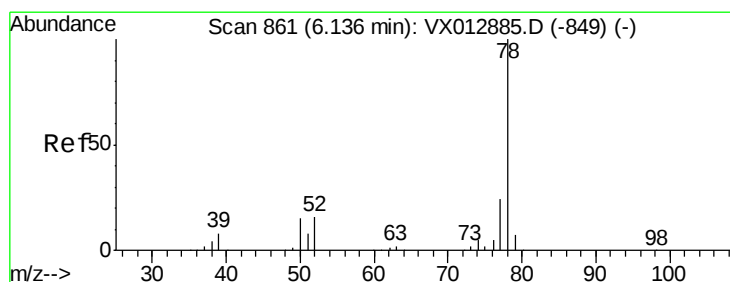
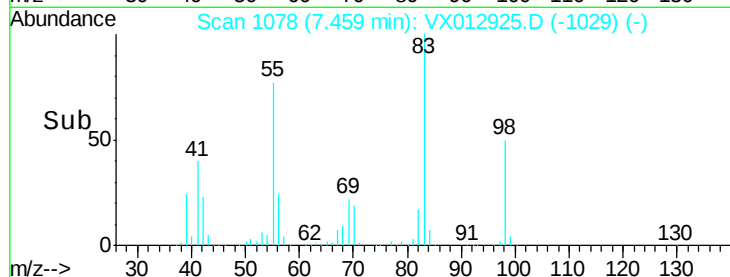
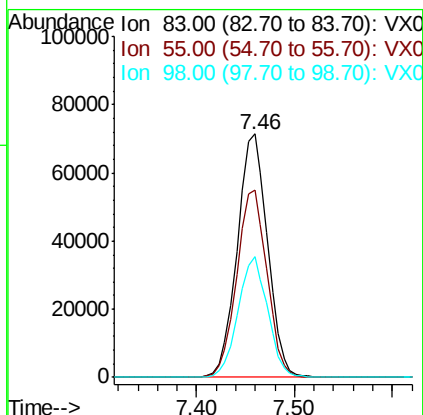
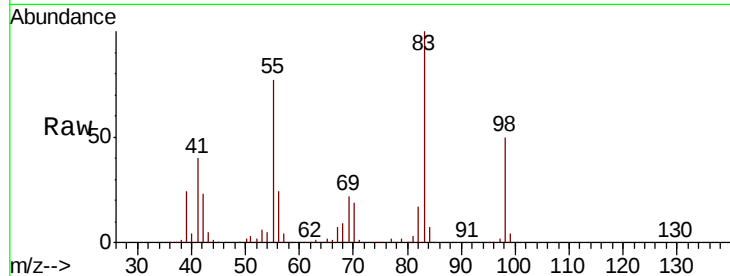
#39
Methvlcvclohexane
Concen: 48.120 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	153714		
55	77.1	60.2	90.4	
98	49.7	38.5	57.7	

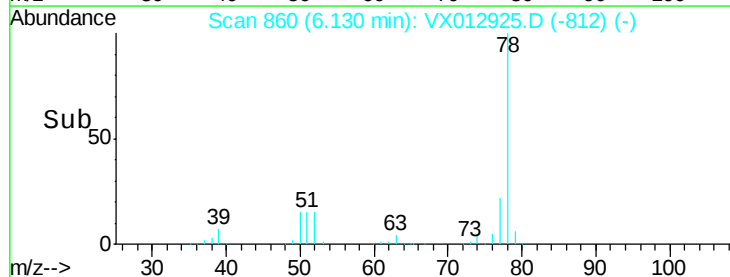
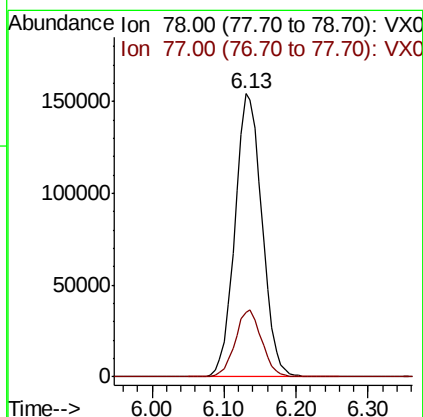
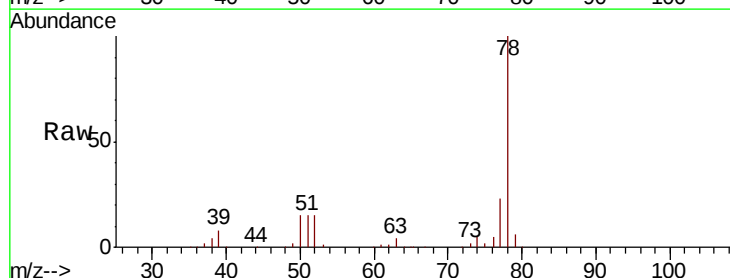
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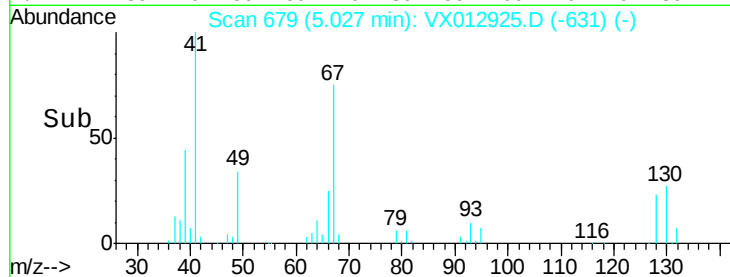
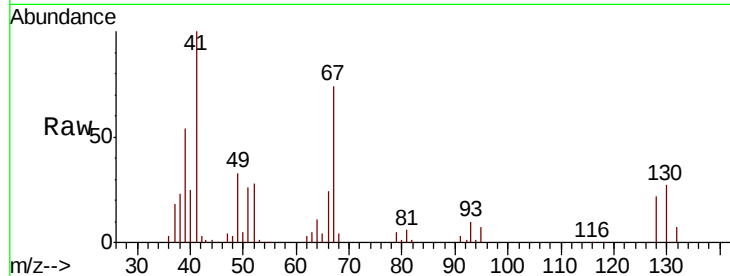
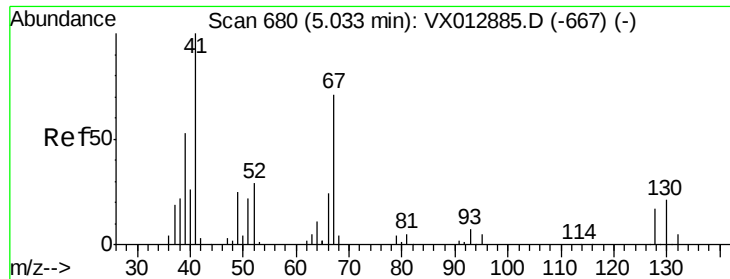
MMDadoda
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#40
Benzene
Concen: 51.735 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	402481		
77	22.9	19.0	28.4	





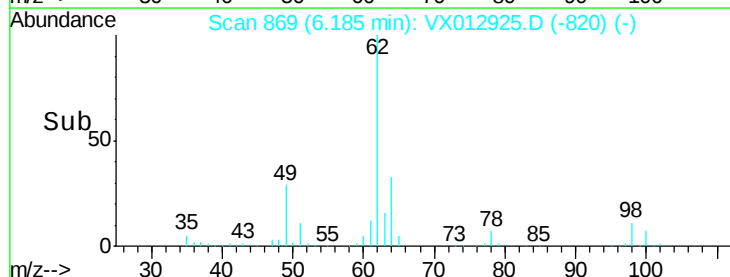
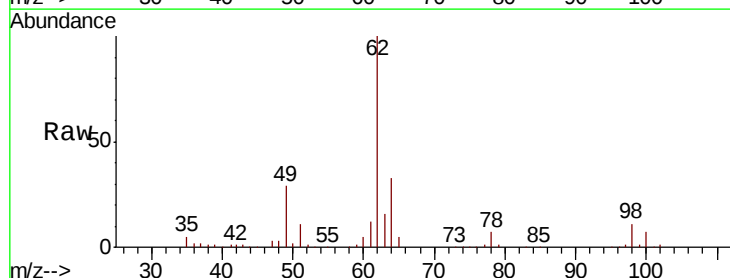
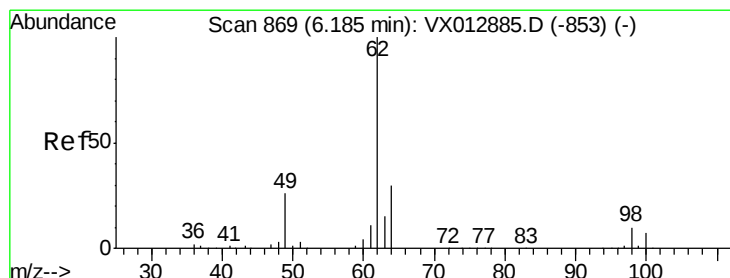
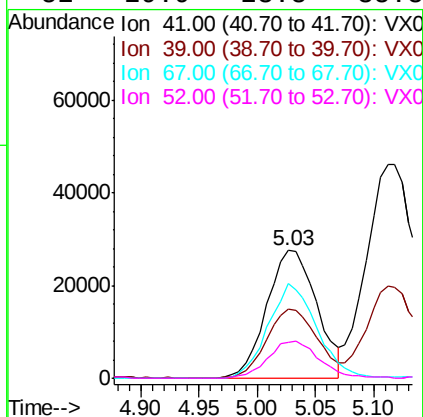
#41
Methacrylonitrile
Concen: 50.752 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	44.0	66.0	
67	71.9	58.5	87.7	
52	29.9	23.8	35.8	

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

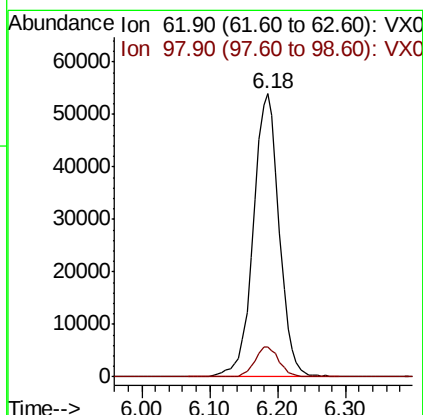
Manual Integrations
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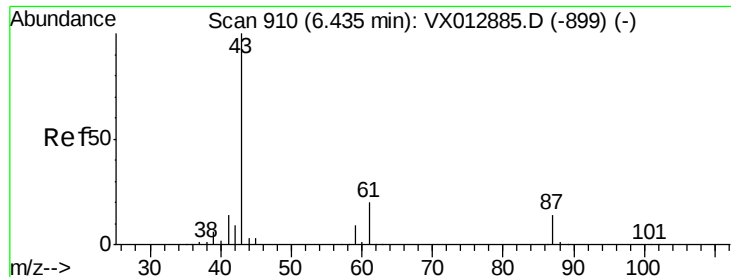
MMDadoda
10/9/2019 10:39:16 AM



#42
1,2-Dichloroethane
Concen: 51.309 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.4	





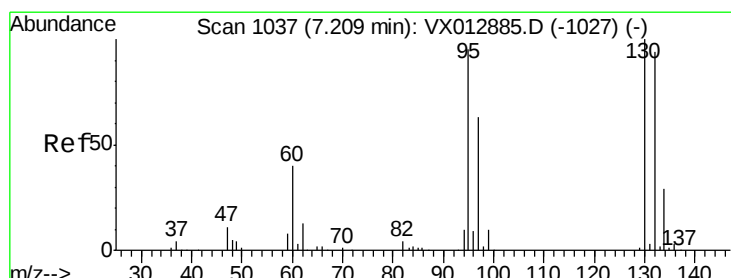
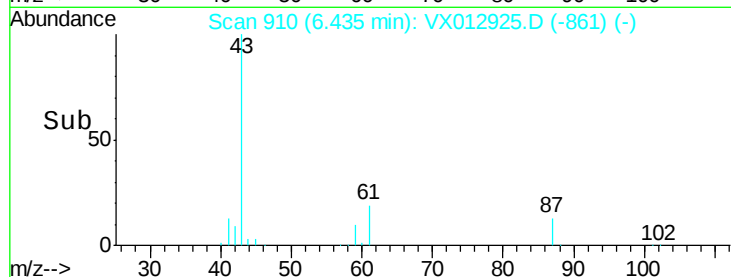
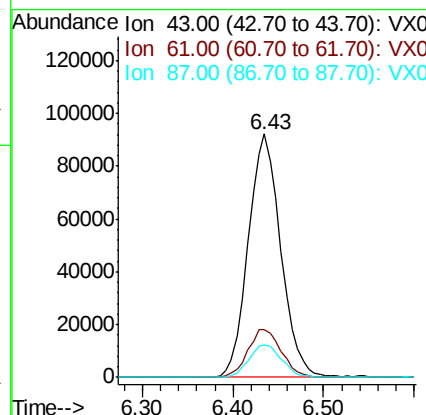
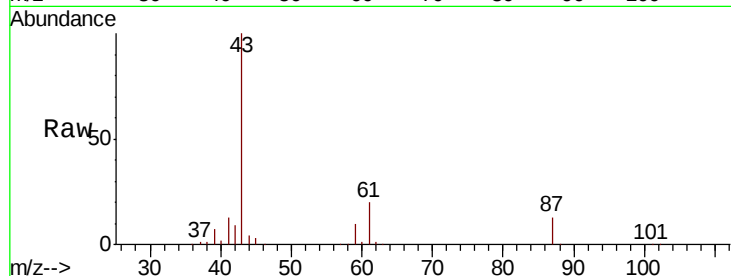
#43
Isopropyl Acetate
Concen: 48.068 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.6	24.8
87	13.7	11.0	16.6

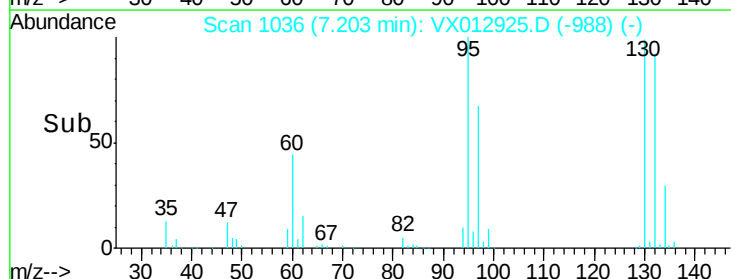
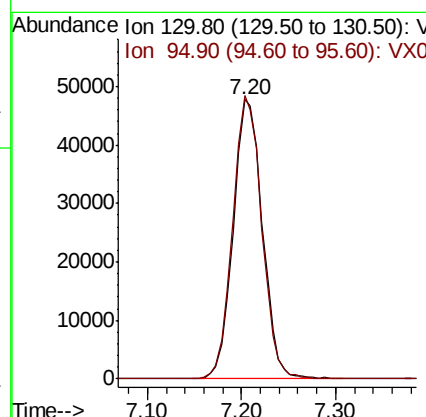
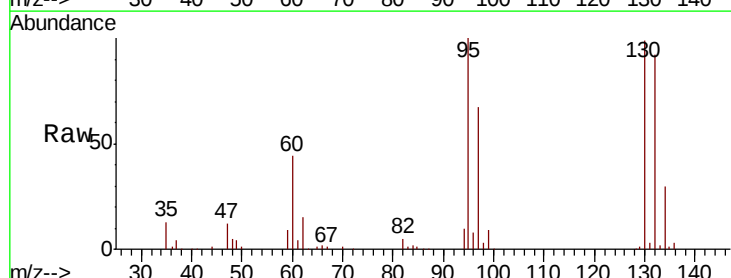
Manual Integrations
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#44
Trichloroethene
Concen: 47.748 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	189.2





#45

1,2-Dichloropropane

Concen: 51.476 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

Tot Ion: 63 Resp: 102067

Ion Ratio Lower Upper

63 100

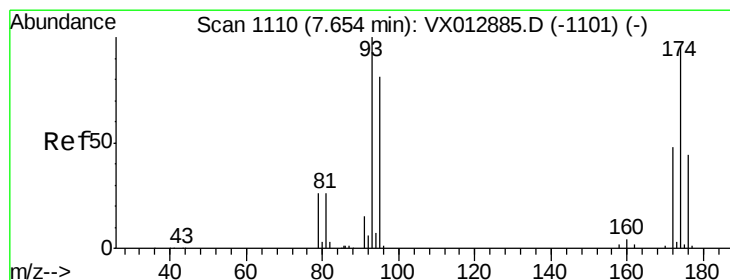
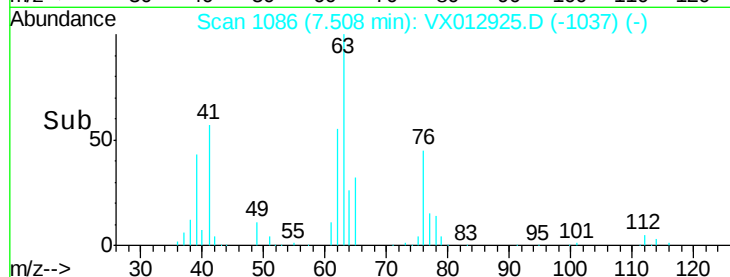
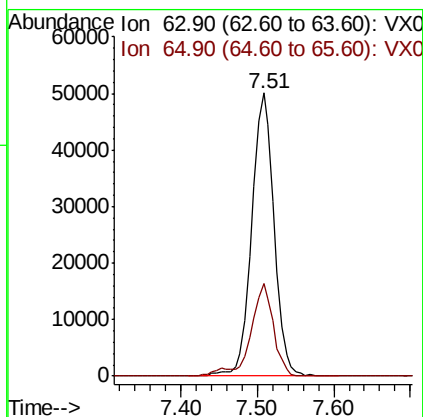
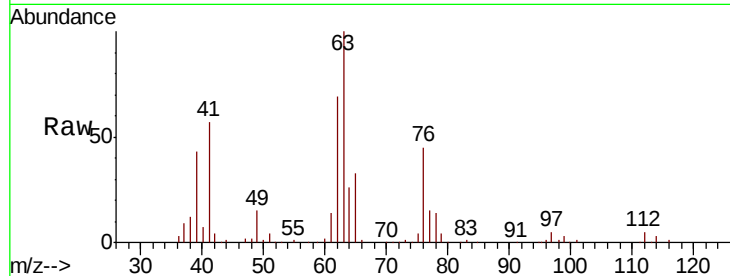
65 32.9 24.6 37.0

Manual Integrations

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#46

Dibromomethane

Concen: 51.148 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

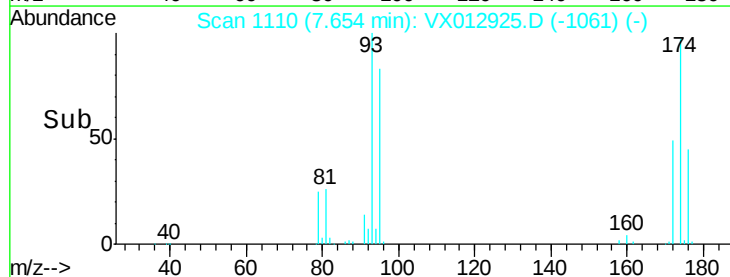
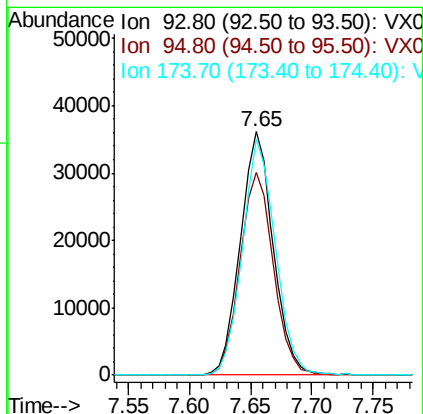
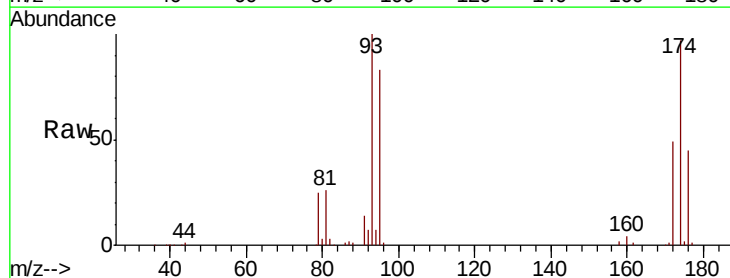
Tgt Ion: 93 Resp: 67569

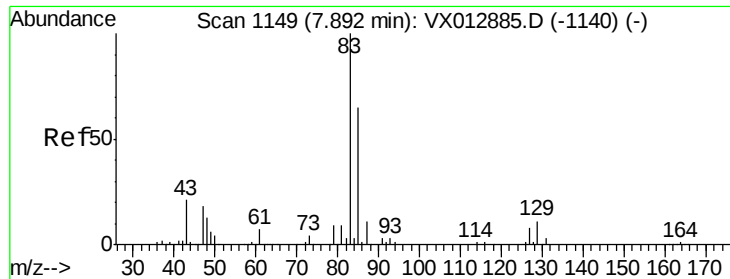
Ion Ratio Lower Upper

93 100

95 84.8 66.3 99.5

174 97.2 77.8 116.6





#47

Bromodichloromethane

Concen: 52.109 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

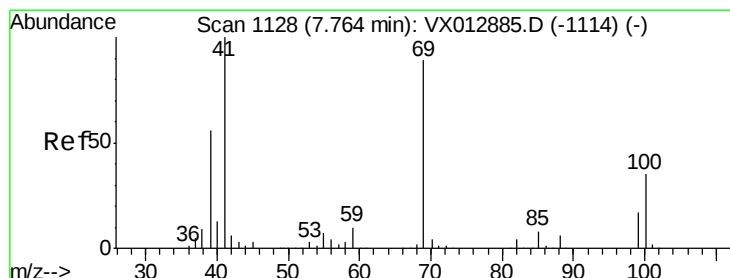
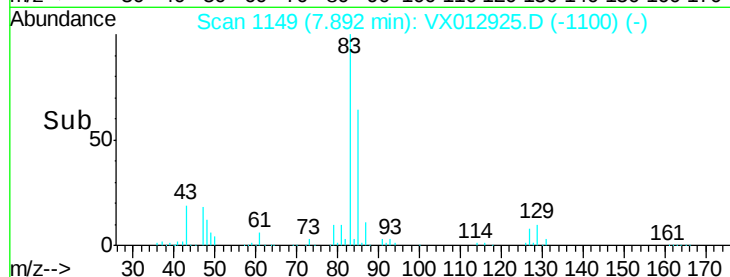
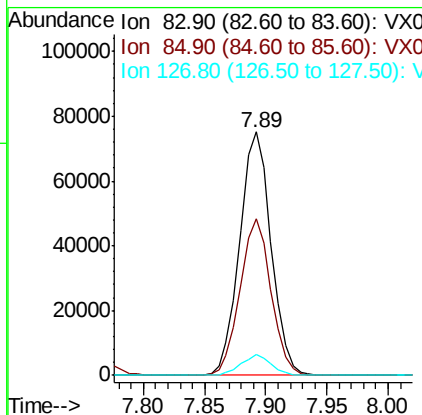
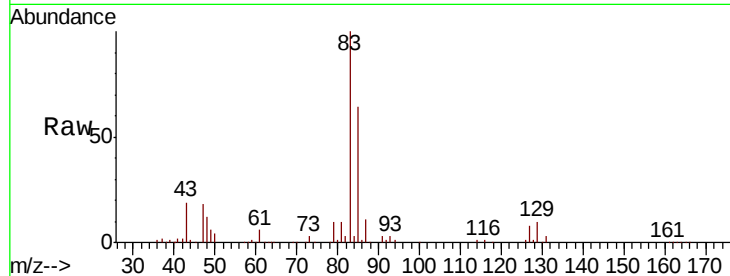
ClientSampleId :

FC-MW10S-20191002MS

Tot Ion:	83	Resp:	134341
Ion Ratio	Lower	Upper	
83	100		
85	64.1	52.4	78.6
127	8.4	6.6	10.0

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#48

Methyl methacrylate

Concen: 50.455 ug/l

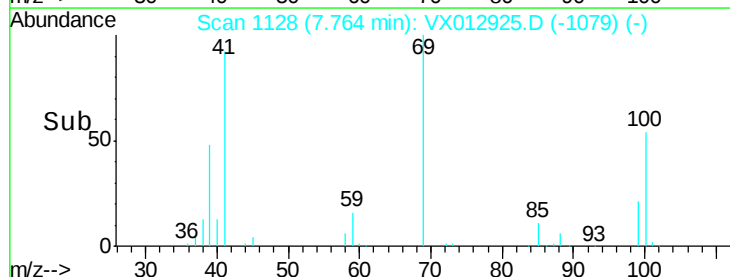
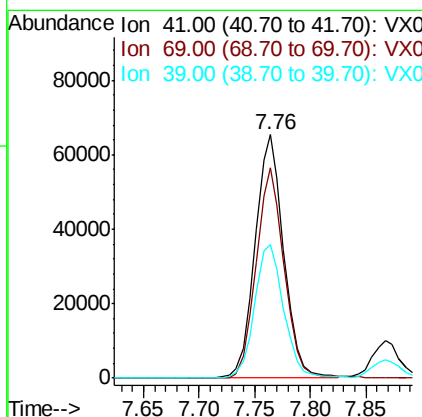
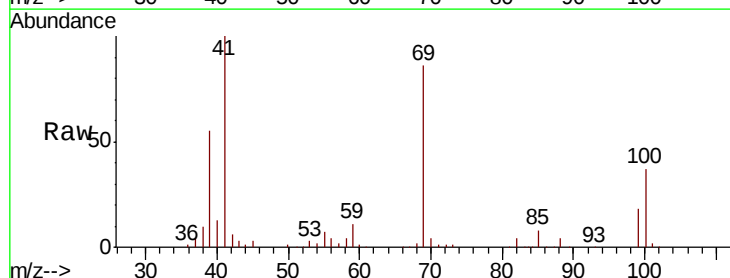
RT: 7.76 min Scan# 1128

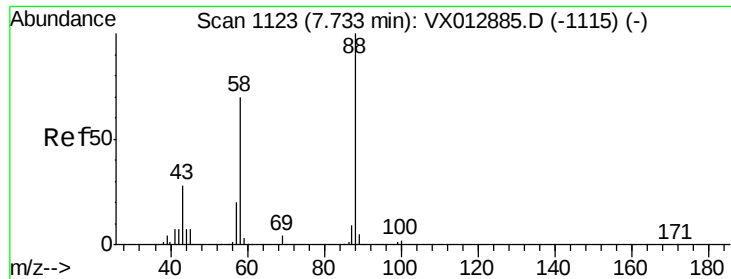
Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Tgt Ion:	41	Resp:	116234
Ion Ratio	Lower	Upper	
41	100		
69	85.9	68.7	103.1
39	56.4	44.3	66.5





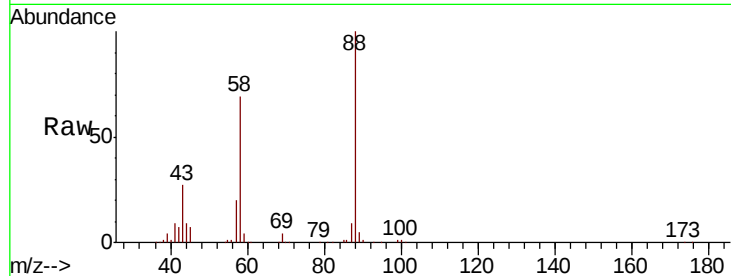
#49
1,4-Dioxane
Concen: 962.481 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

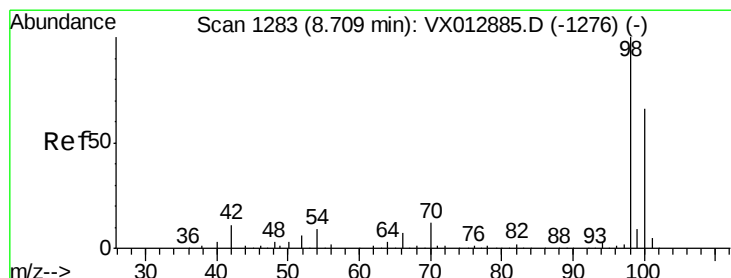
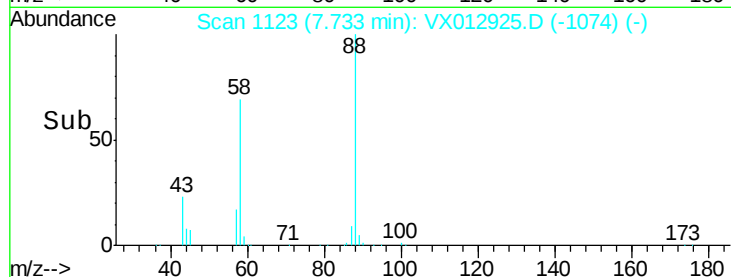
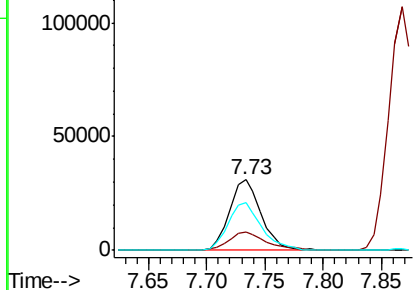
Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	25.0	37.6
58	71.1	55.4	83.2

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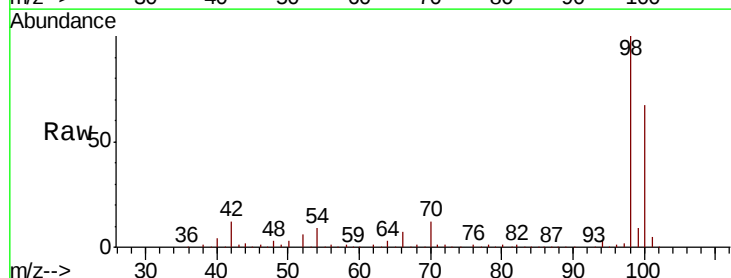


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

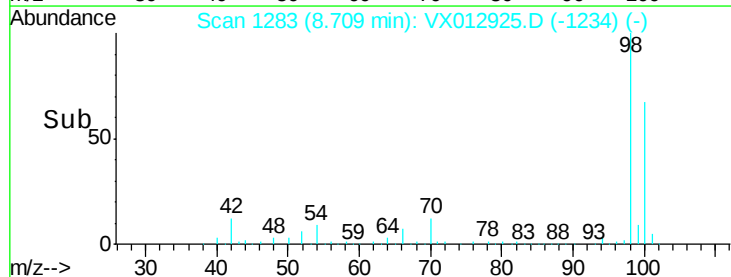
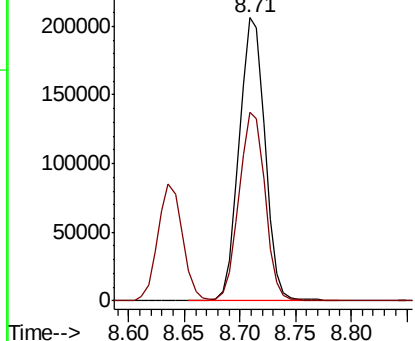


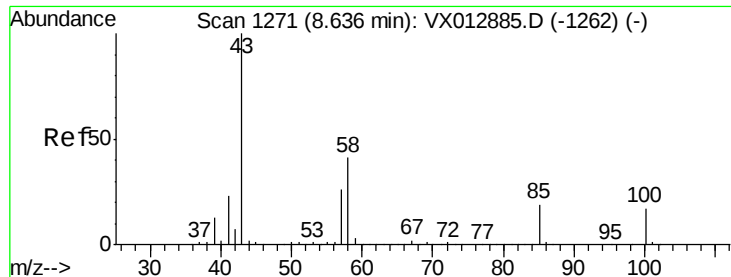
#50
Toluene-d8
Concen: 49.474 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.4	80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 257.097 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

Tot Ion: 43 Resp: 757780

Ion Ratio Lower Upper

43 100

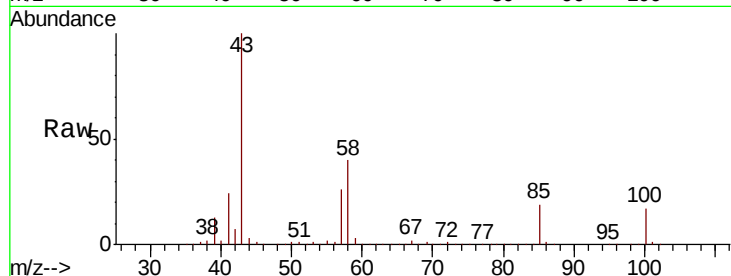
58 40.5 32.4 48.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

500000

400000

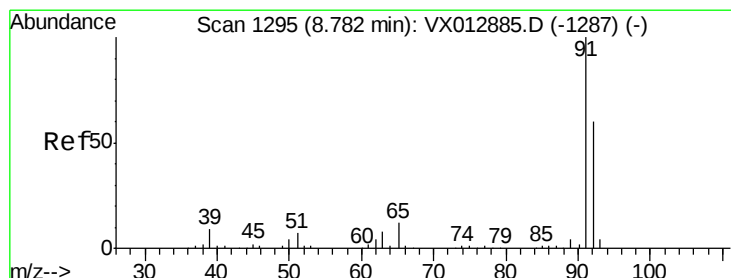
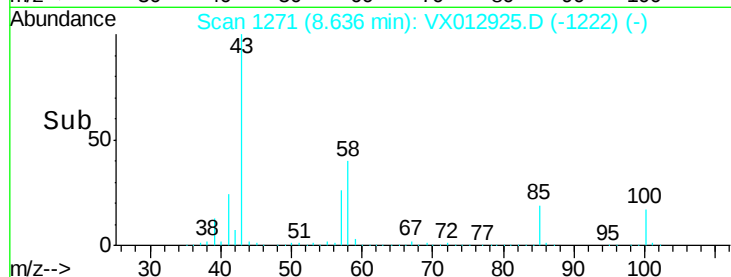
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.121 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012925.D

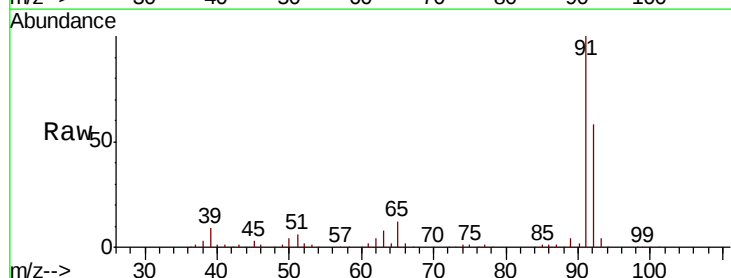
Acq: 09 Oct 2019 06:15

Tgt Ion: 92 Resp: 254436

Ion Ratio Lower Upper

92 100

91 168.3 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

300000

250000

200000

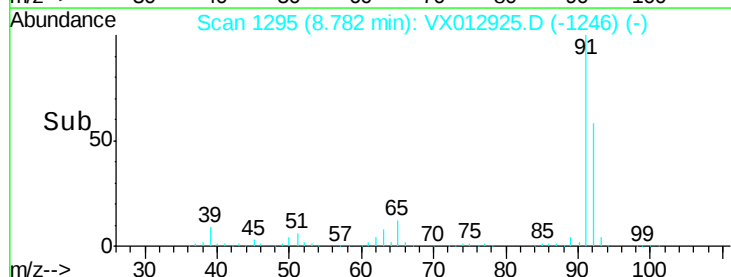
150000

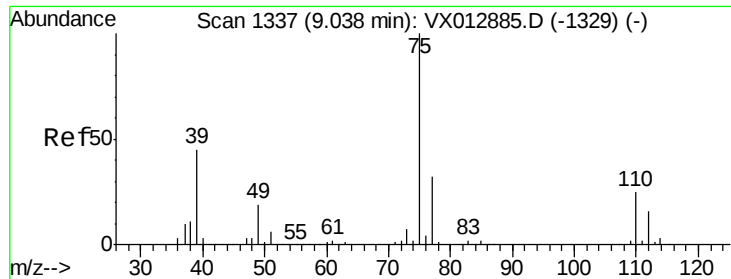
100000

50000

0

Time-->





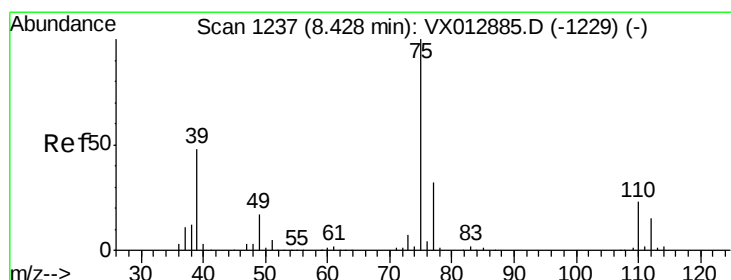
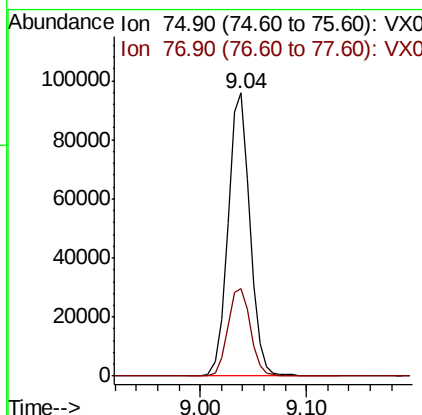
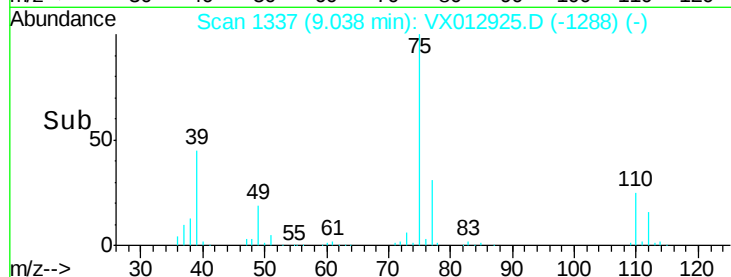
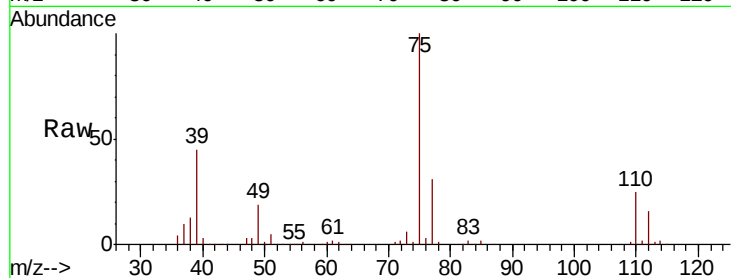
#53
t-1,3-Dichloropropene
Concen: 43.336 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

Tot Ion: 75 Resp: 138453
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.6

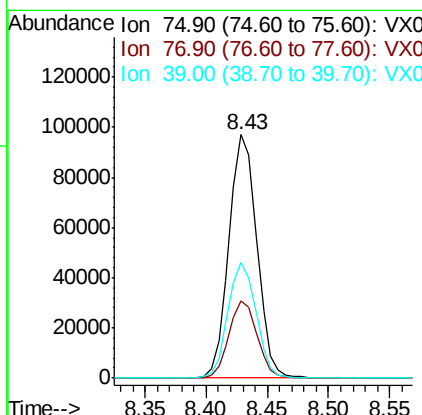
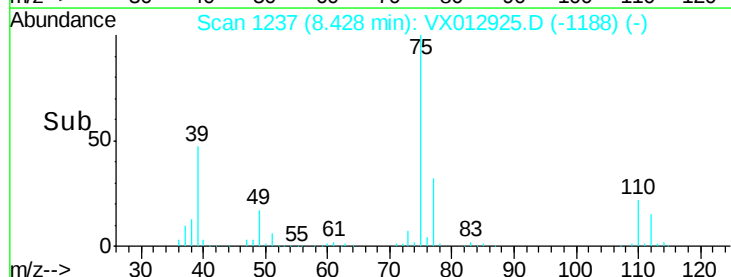
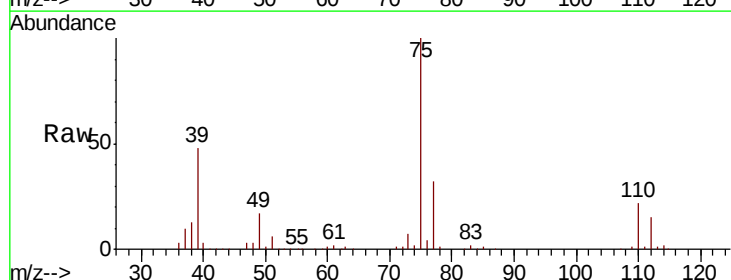
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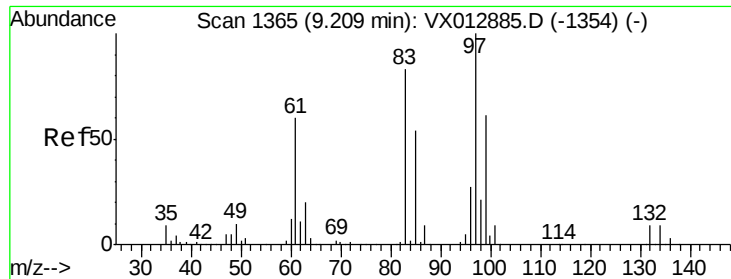
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#54
cis-1,3-Dichloropropene
Concen: 48.463 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion: 75 Resp: 153666
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8
39 47.5 38.2 57.2





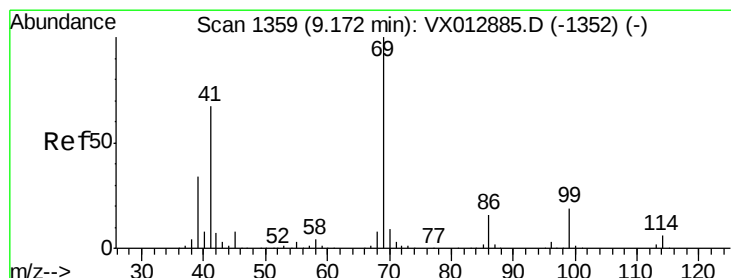
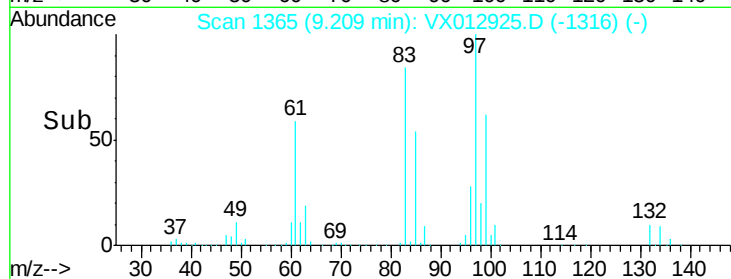
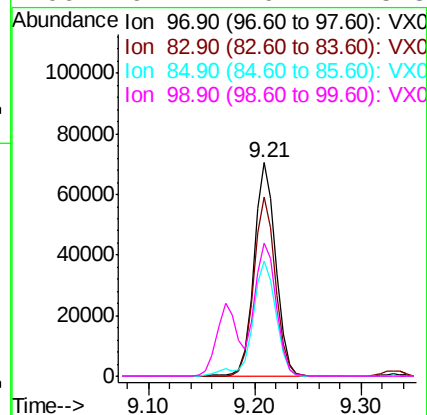
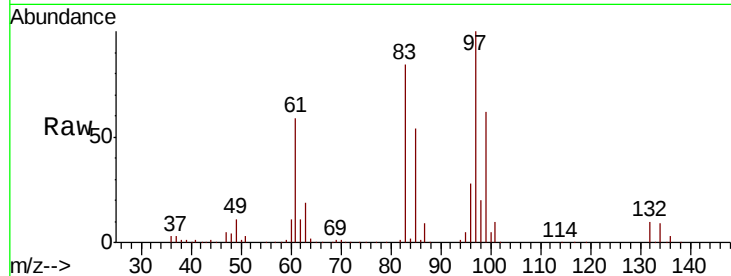
#55
 1,1,2-Trichloroethane
 Concen: 51.231 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		100908		
83	83.7	66.5	99.7		
85	54.1	43.1	64.7		
99	62.2	49.2	73.8		

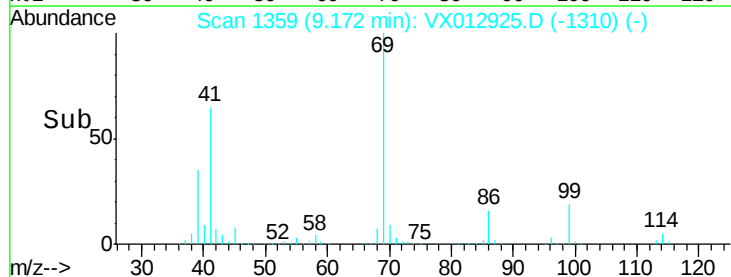
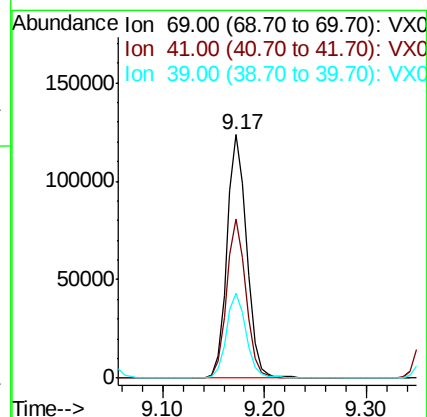
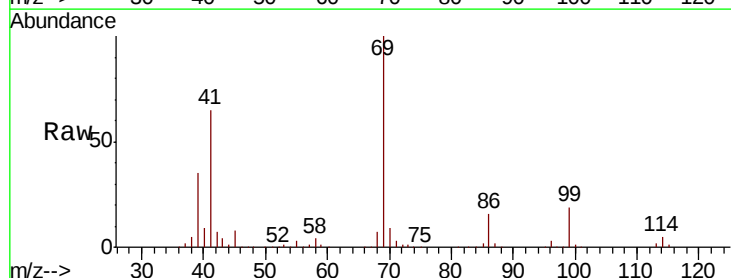
Manual Integrations
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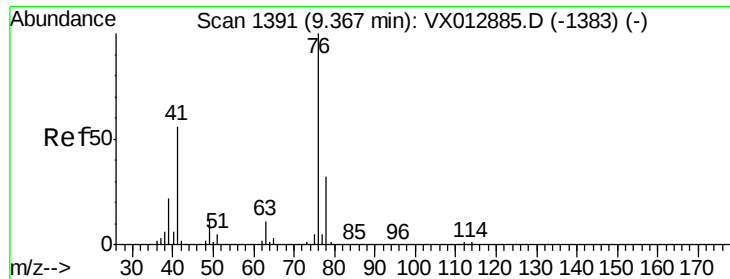
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#56
 Ethyl methacrylate
 Concen: 47.197 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		166089		
41	64.6	52.1	78.1		
39	35.2	27.8	41.8		





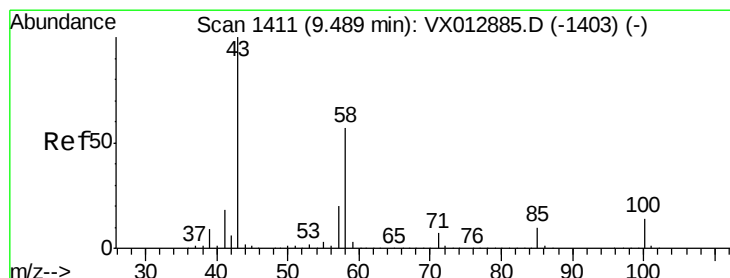
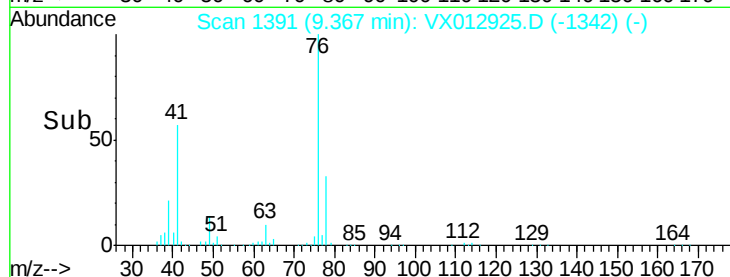
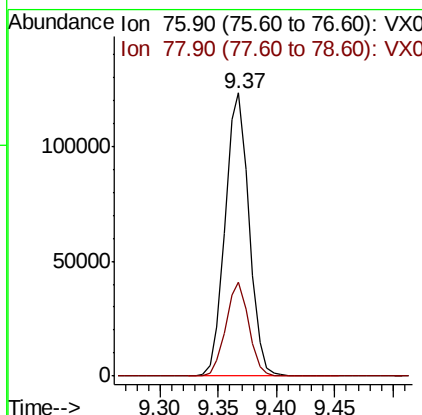
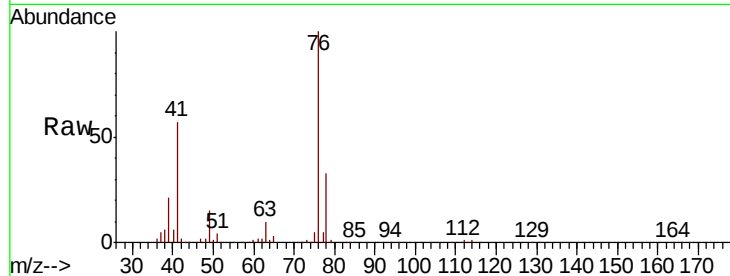
#57
 1,3-Dichloropropane
 Concen: 51.313 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.1	39.1

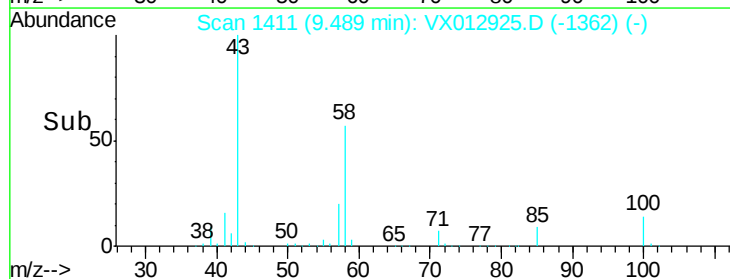
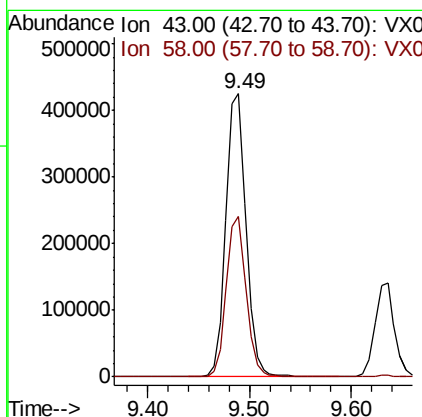
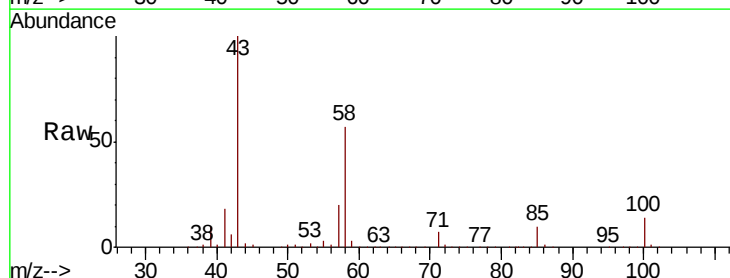
Manual Integrations
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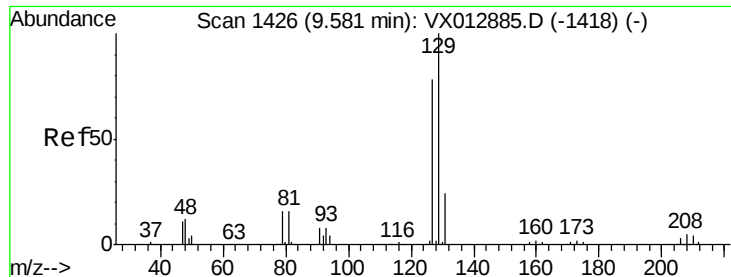
MMDadoda
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#59
 2-Hexanone
 Concen: 253.847 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.9	28.1	84.3





#60

Dibromochloromethane

Concen: 47.201 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

Tot Ion:129 Resp: 103223

Ion Ratio Lower Upper

129 100

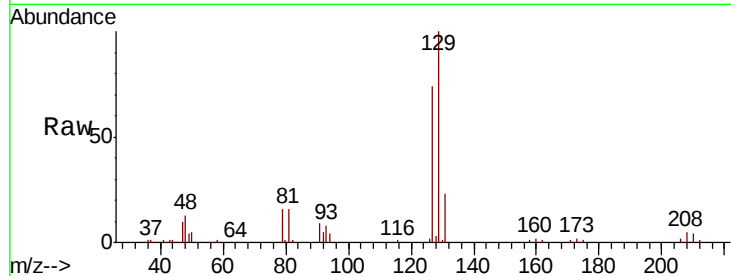
127 76.3 38.9 116.7

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

60000

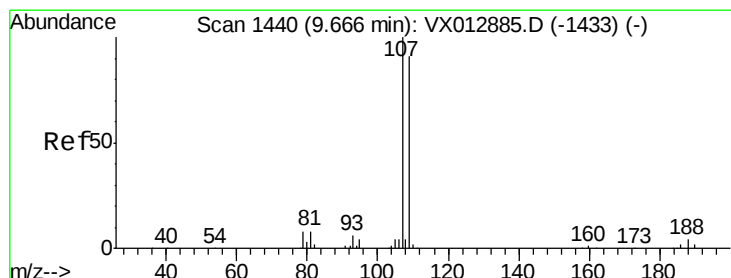
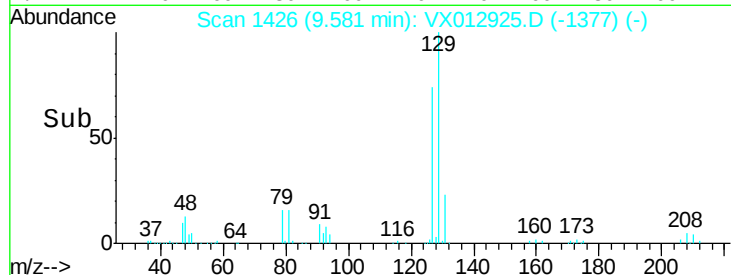
40000

20000

0

9.50 9.55 9.60 9.65

Time-->



#61

1,2-Dibromoethane

Concen: 51.681 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012925.D

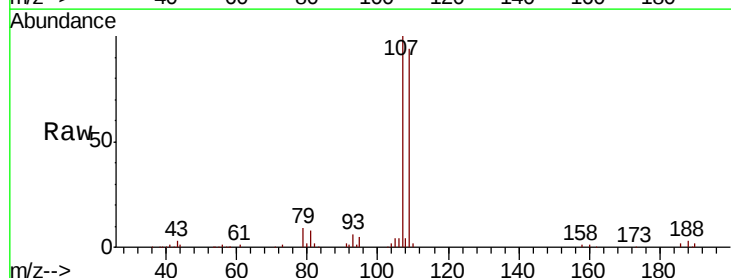
Acq: 09 Oct 2019 06:15

Tgt Ion:107 Resp: 107082

Ion Ratio Lower Upper

107 100

109 93.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

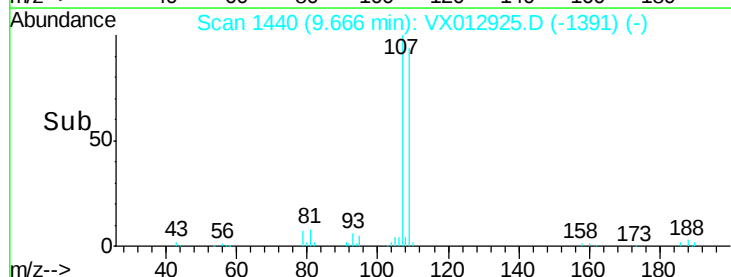
40000

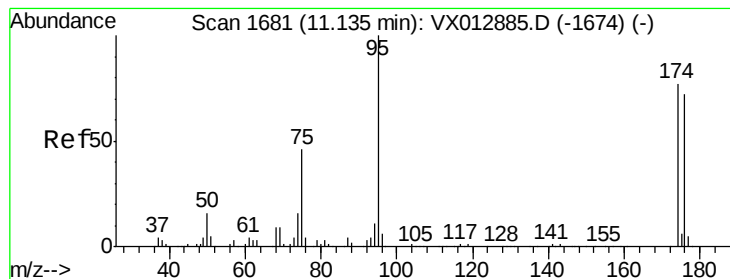
20000

0

9.60 9.65 9.70 9.75

Time-->





#62

4-Bromofluorobenzene

Concen: 48.979 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

Tot Ion: 95 Resp: 127634

Ion Ratio Lower Upper

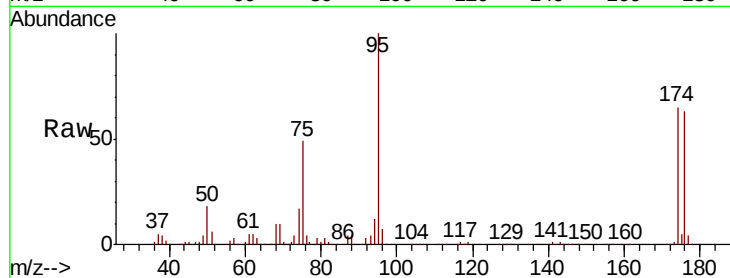
95 100

174 74.2 0.0 143.4

176 70.5 0.0 136.0

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Abundance Ion 94.90 (94.60 to 95.60): VX012885.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012885.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012885.D (-1674) (-)

11.13

100000

80000

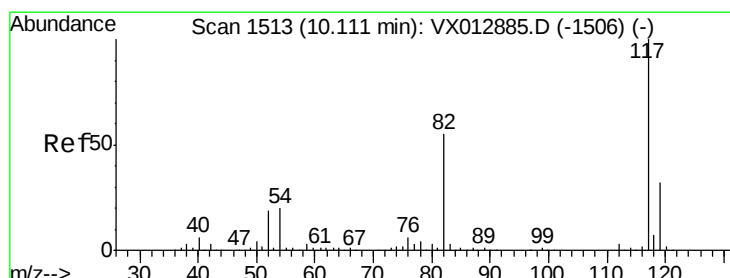
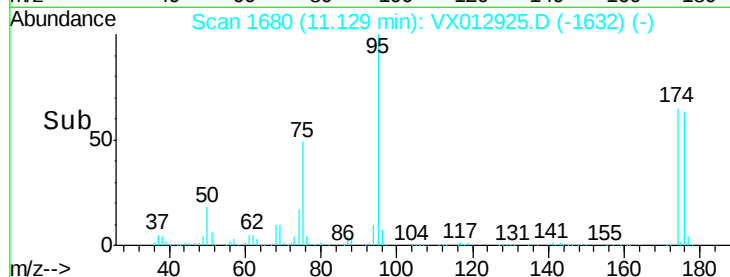
60000

40000

20000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

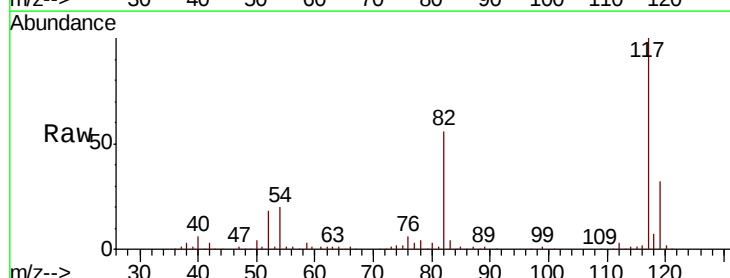
Tgt Ion: 117 Resp: 269883

Ion Ratio Lower Upper

117 100

82 56.4 44.1 66.1

119 32.4 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VX012885.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX012885.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX012885.D (-1506) (-)

10.11

250000

200000

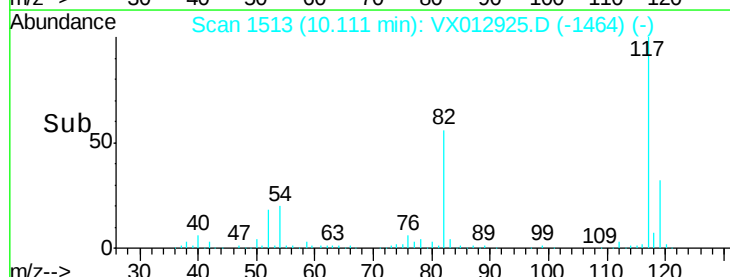
150000

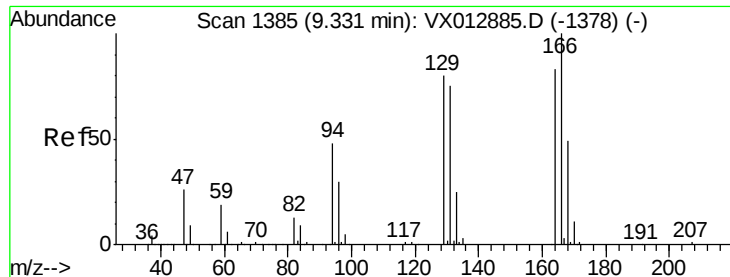
100000

50000

0

Time-->





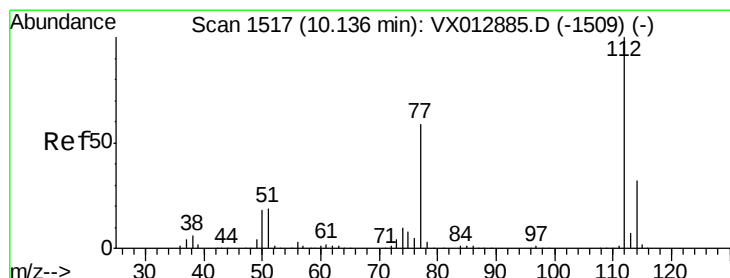
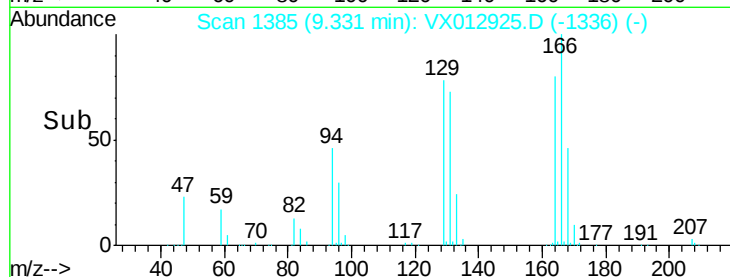
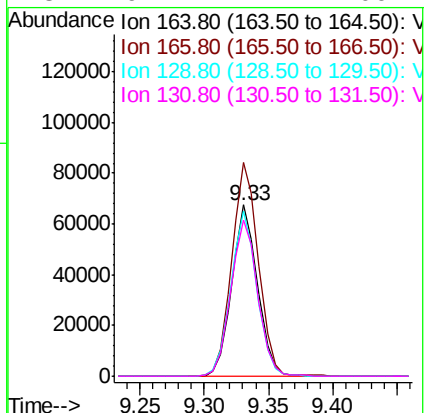
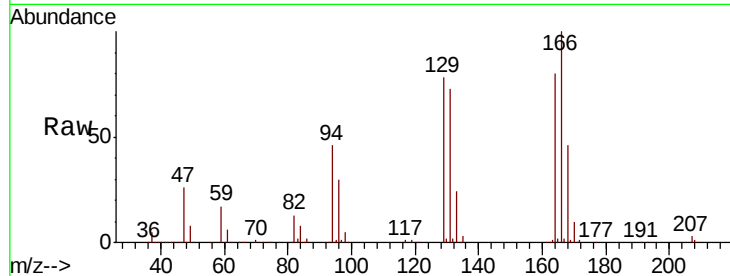
#64
Tetrachloroethene
Concen: 50.217 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

Tot Ion	164	166	129	131
Ratio	100	124.9	96.9	91.4
Lower		96.9	77.9	72.7
Upper		145.3	116.9	109.1

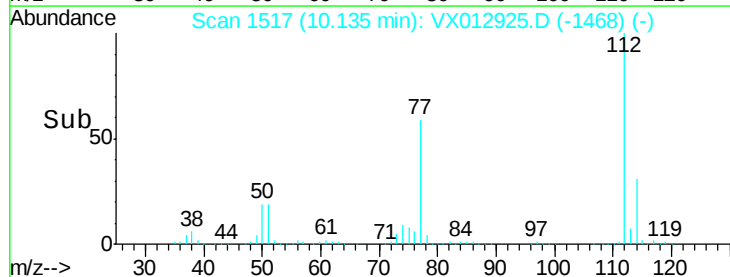
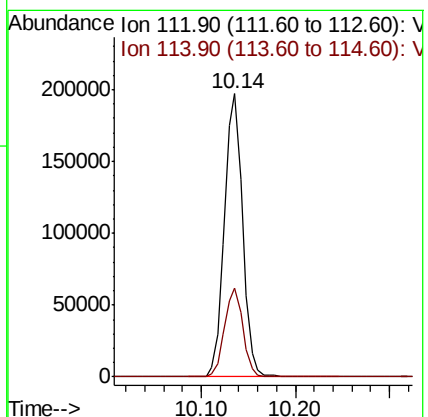
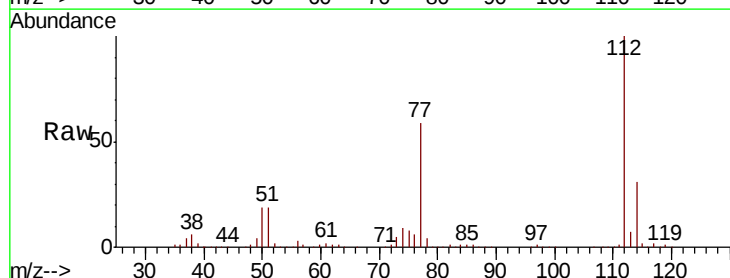
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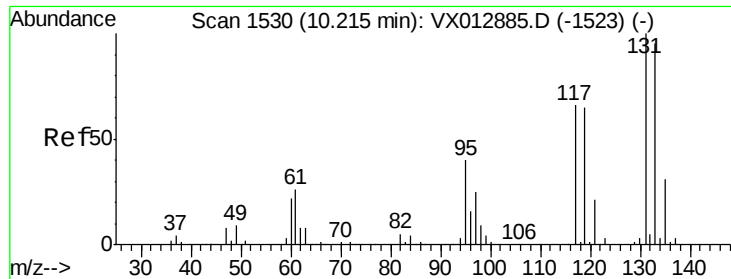
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#65
Chlorobenzene
Concen: 49.437 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion	112	114
Ratio	100	31.3
Lower		25.7
Upper		38.5





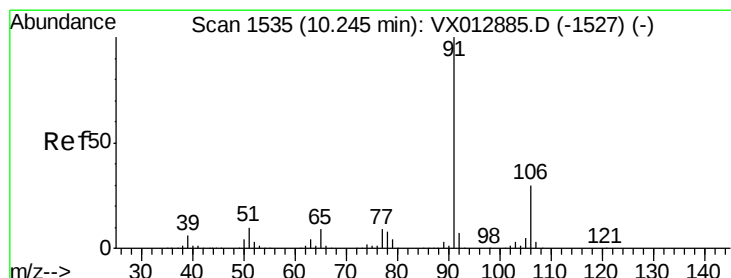
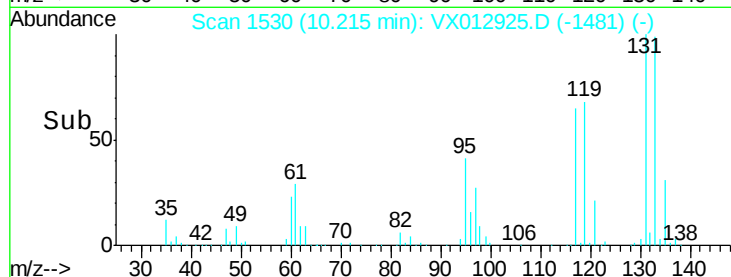
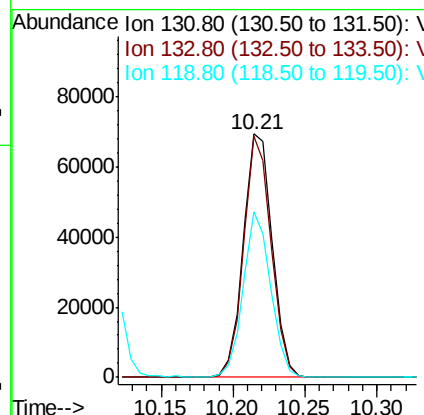
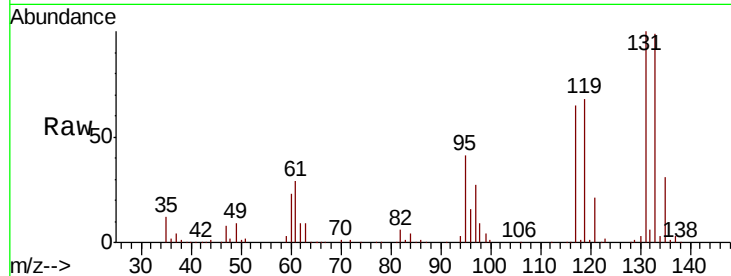
#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.938 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.2	141.6
119	64.8	32.6	98.0

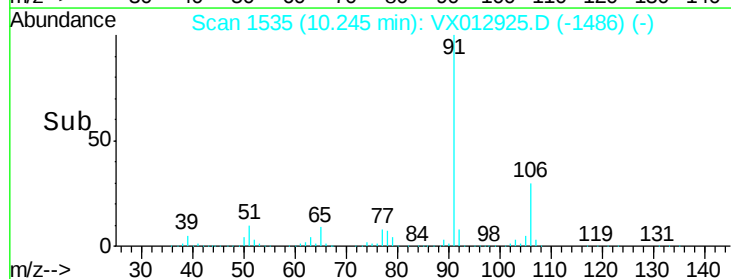
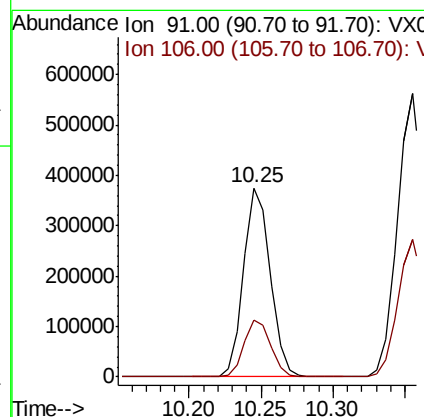
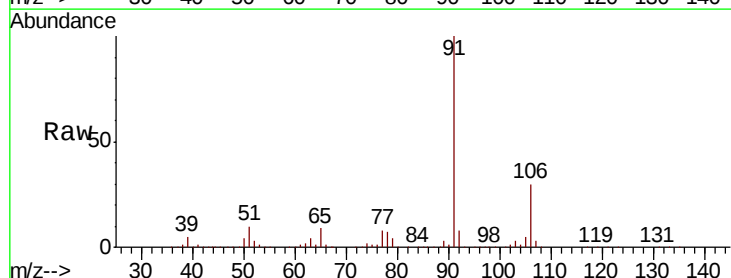
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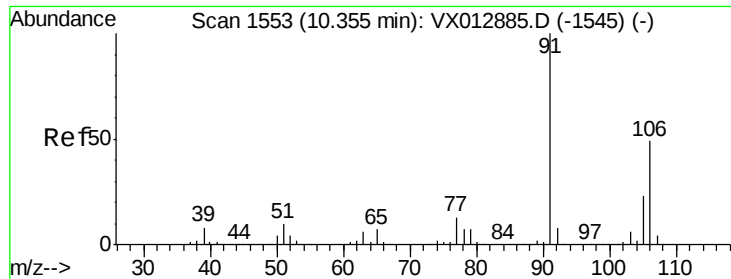
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#67
 Ethyl Benzene
 Concen: 50.902 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.9	35.9





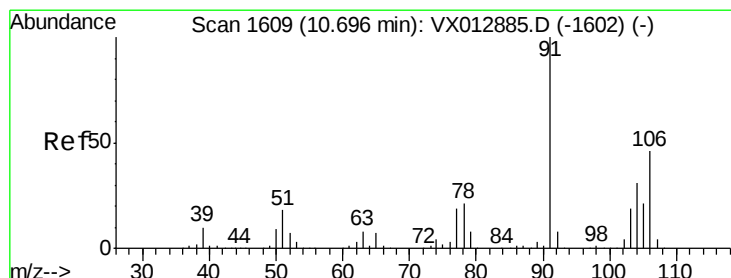
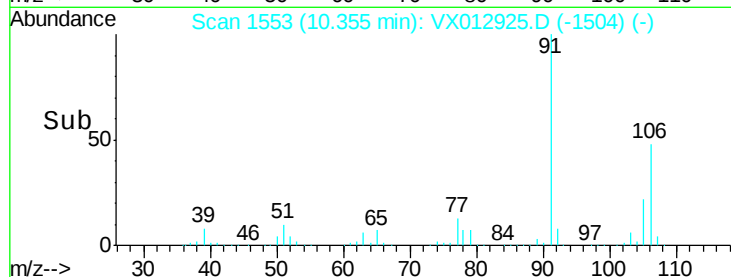
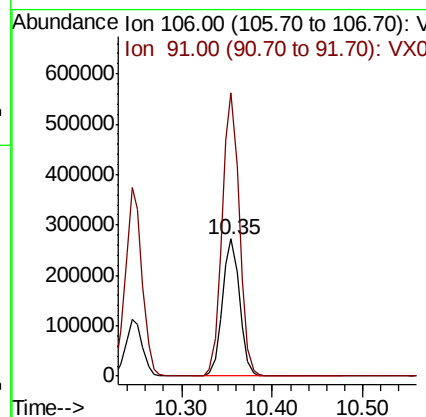
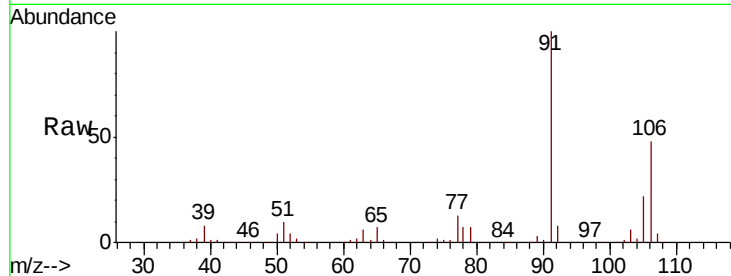
#68
m/p-Xylenes
Concen: 102.185 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

Tot Ion:106 Resp: 363419
Ion Ratio Lower Upper
106 100
91 206.0 165.3 247.9

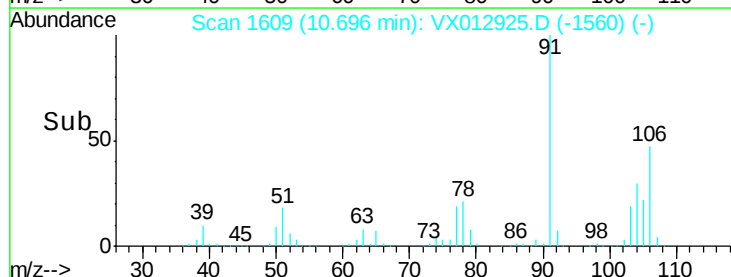
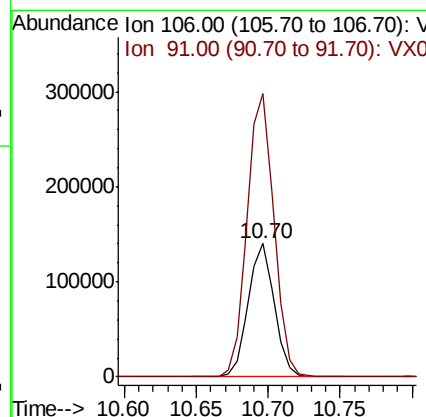
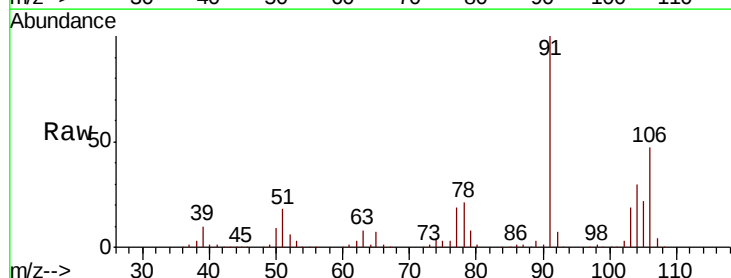
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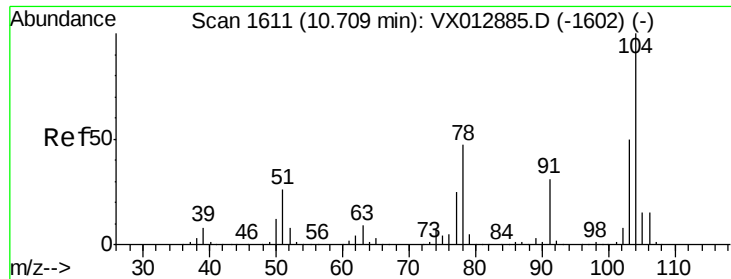
MMDadoda
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#69
o-Xylene
Concen: 50.569 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion:106 Resp: 175383
Ion Ratio Lower Upper
106 100
91 218.7 109.1 327.3





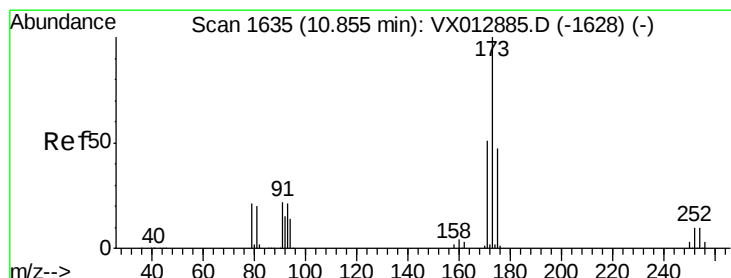
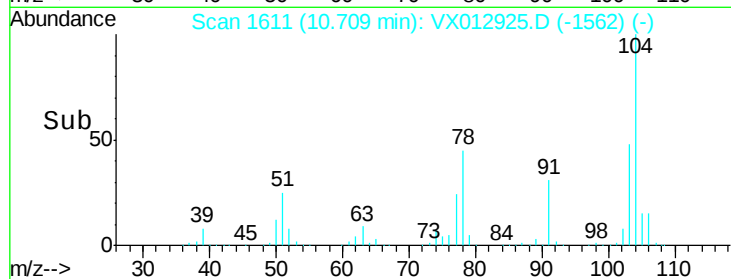
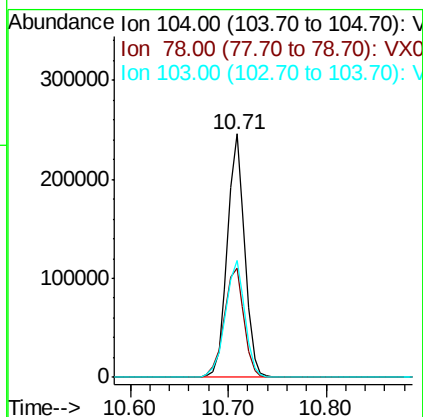
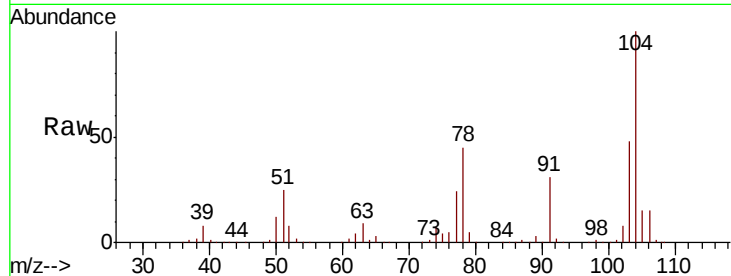
#70
Stvrene
Concen: 51.406 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.3	41.2	61.8
103	53.7	43.0	64.4

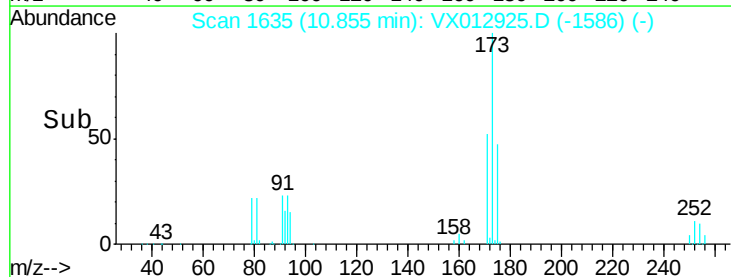
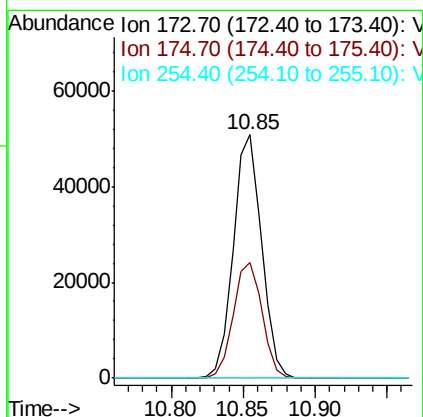
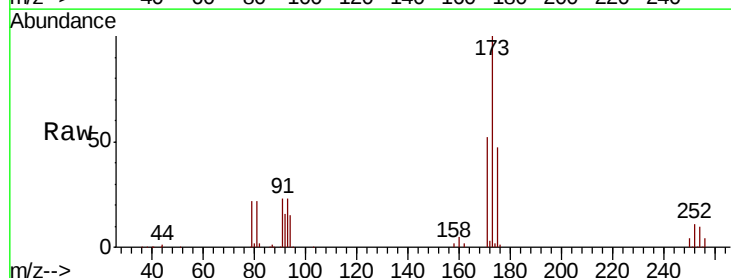
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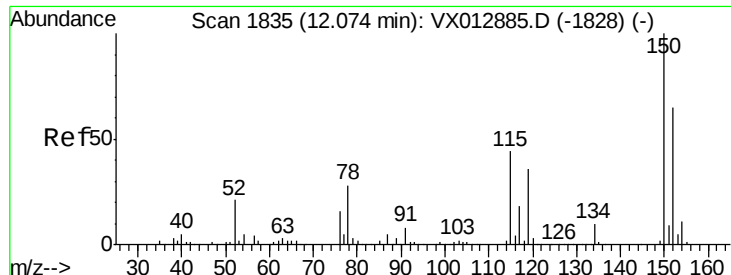
MMDadoda
10/9/2019 10:39:16 AM



#71
Bromoform
Concen: 44.386 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.1	72.3
254	0.1	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

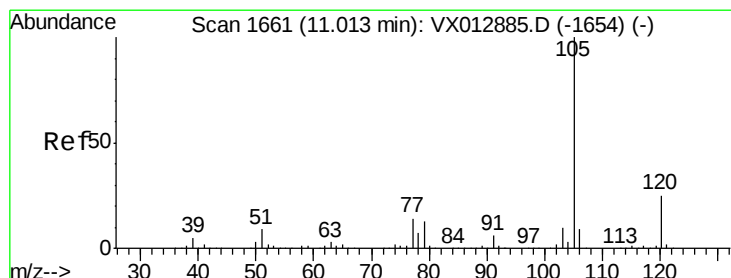
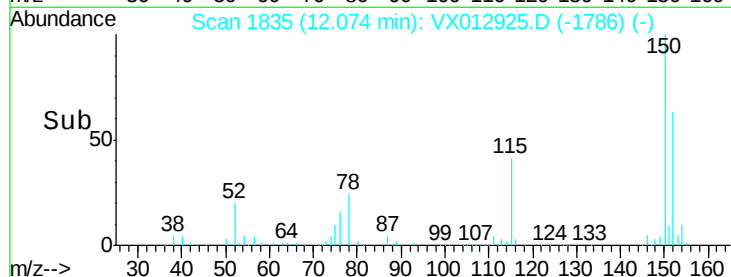
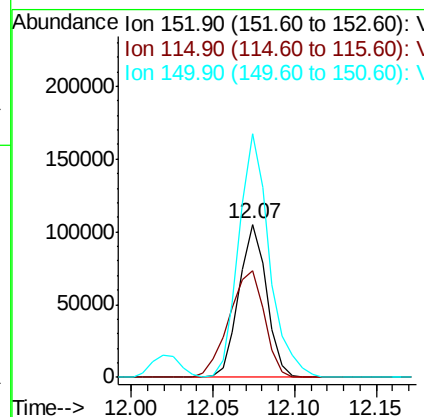
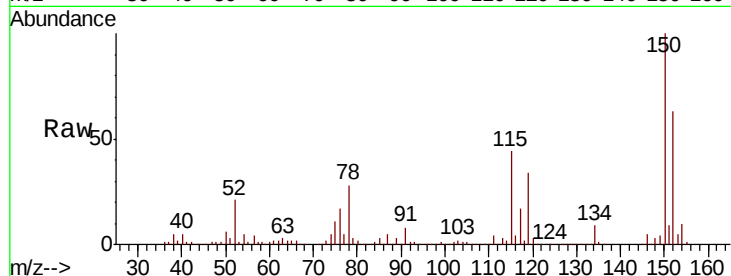
ClientSampleId :

FC-MW10S-20191002MS

Tot Ion:	152	Resp:	124223
Ion Ratio	Lower	Upper	
152	100		
115	89.5	44.5	133.5
150	176.1	0.0	353.4

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#73

Isopropylbenzene

Concen: 51.530 ug/l

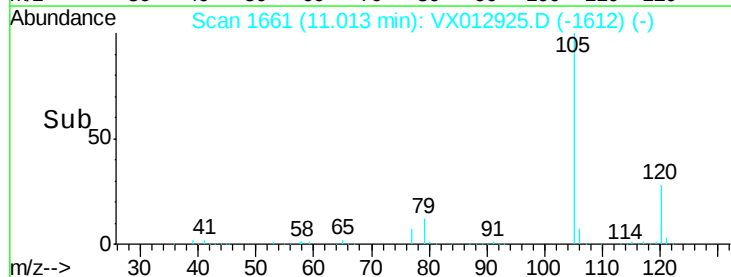
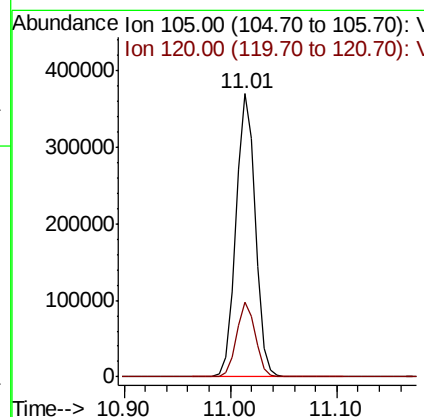
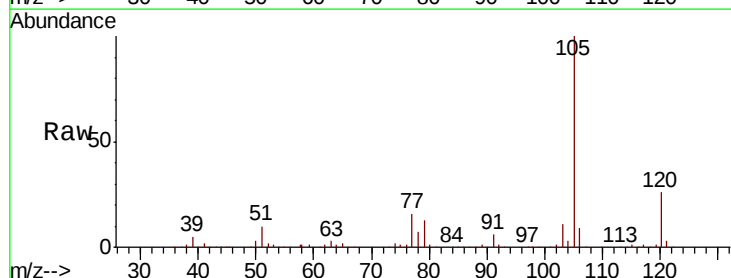
RT: 11.01 min Scan# 1661

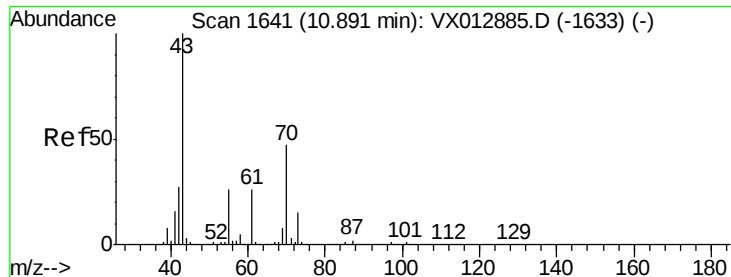
Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Tgt Ion:	105	Resp:	470631
Ion Ratio	Lower	Upper	
105	100		
120	25.8	13.0	39.0





#74

N-amvl acetate

Concen: 47.342 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

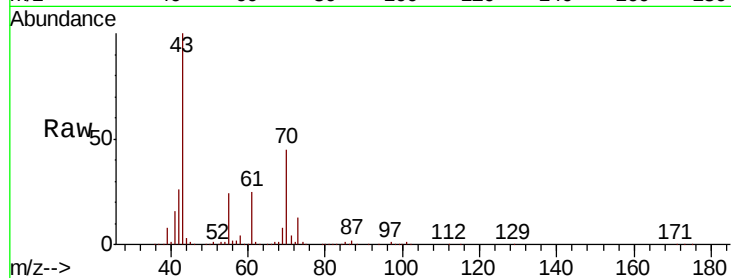
ClientSampleId :

FC-MW10S-20191002MS

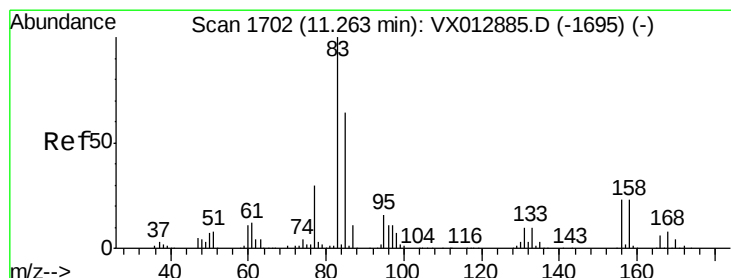
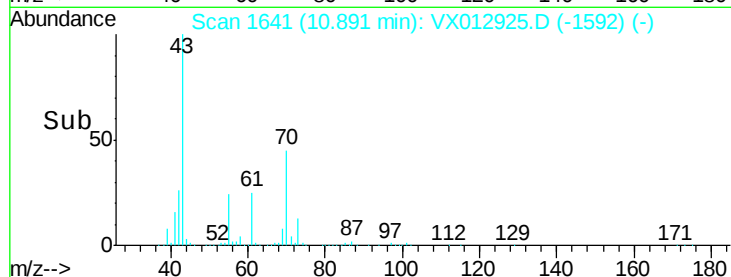
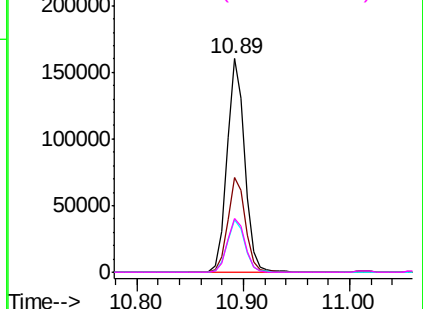
Tot Ion	43	Resp	186216
Ion	Ratio	Lower	Upper
43	100		
70	44.3	36.4	54.6
55	24.8	20.2	30.2
61	25.3	20.5	30.7

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 51.140 ug/l

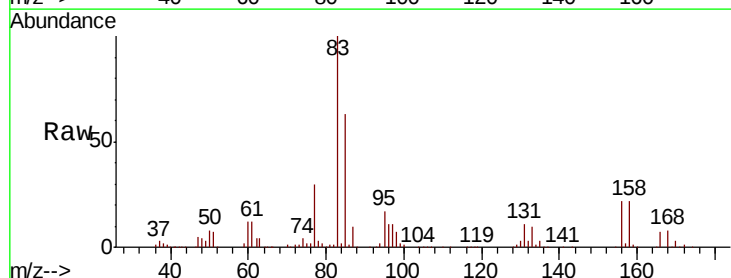
RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

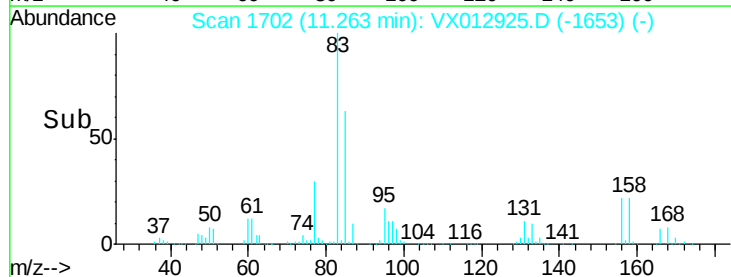
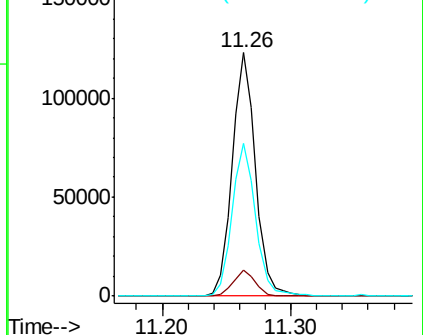
Lab File: VX012925.D

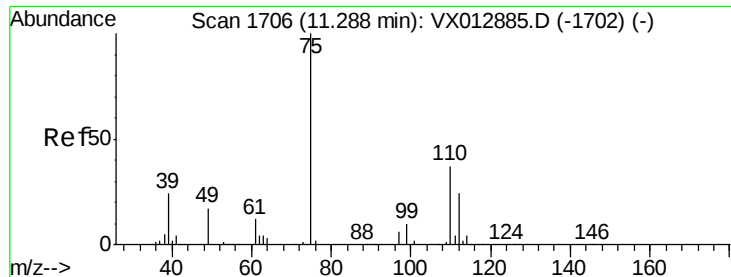
Acq: 09 Oct 2019 06:15

Tgt Ion	83	Resp	155348
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.3
85	63.5	32.1	96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0





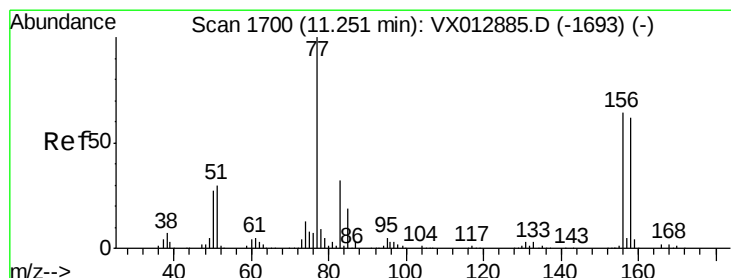
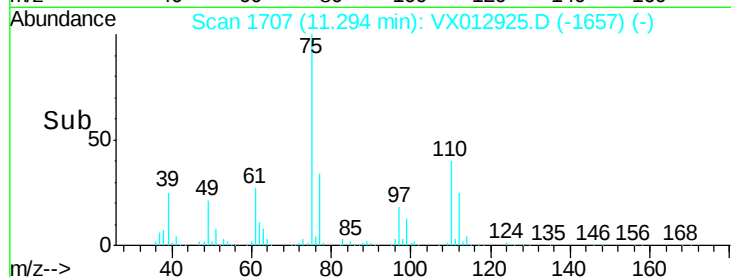
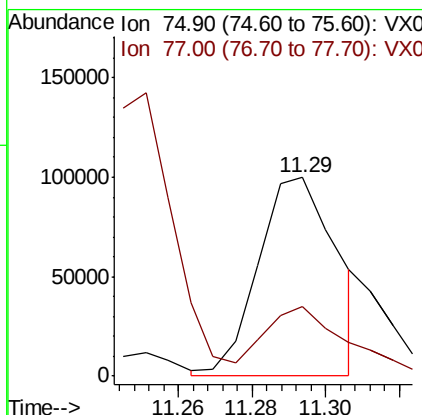
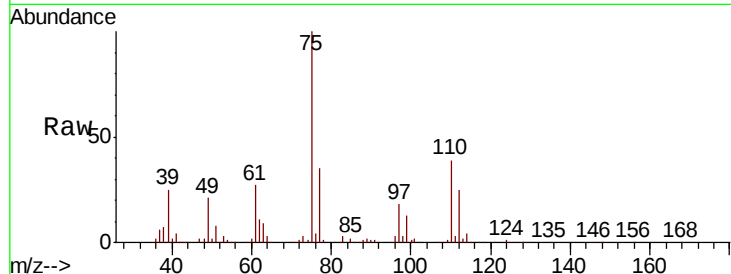
#76
1,2,3-Trichloropropane
Concen: 53.143 ug/l m
RT: 11.29 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

Tot Ion: 75 Resp: 146423
Ion Ratio Lower Upper
75 100
77 37.2 22.9 68.8

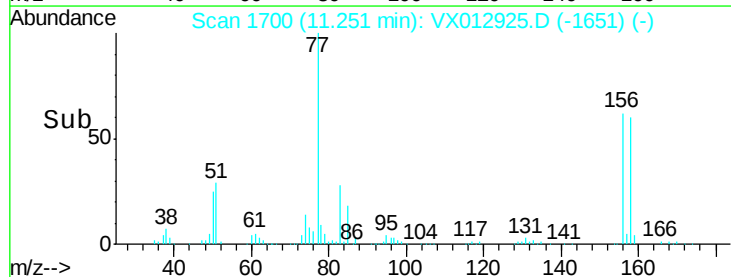
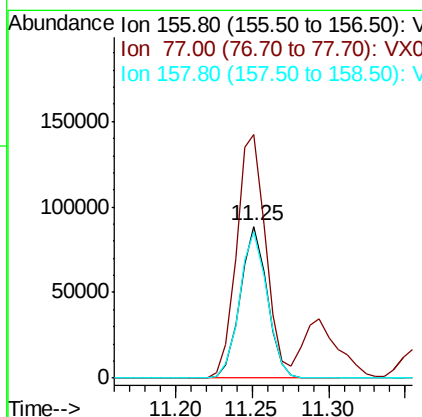
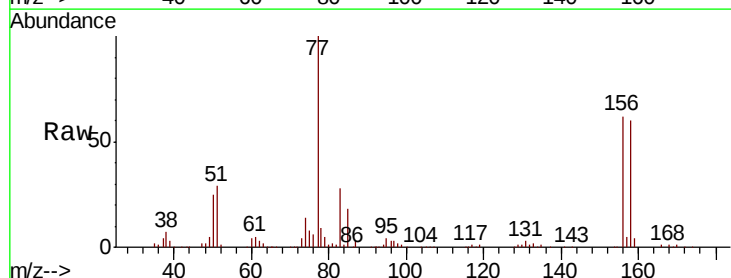
Manual Integrations
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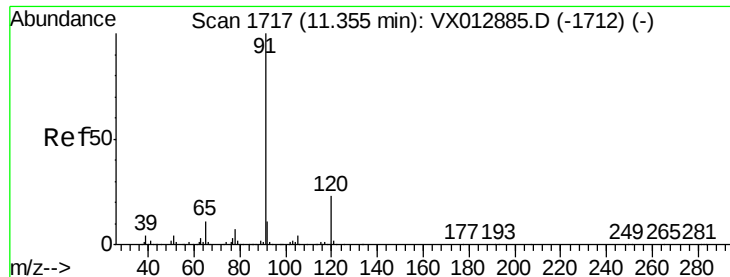
MMDadoda
10/9/2019 10:39:16 AM



#77
Bromobenzene
Concen: 50.388 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion: 156 Resp: 108445
Ion Ratio Lower Upper
156 100
77 173.4 83.7 251.0
158 98.5 48.6 145.9





#78

n-propylbenzene

Concen: 51.479 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

Tot Ion: 91 Resp: 517350

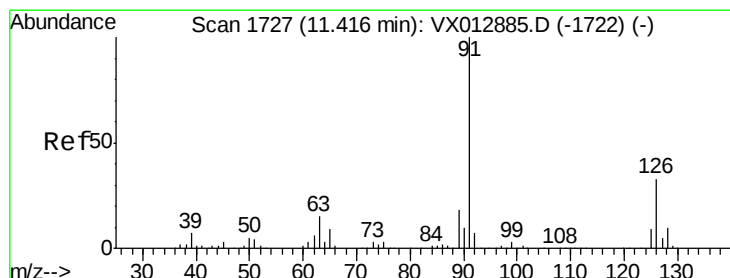
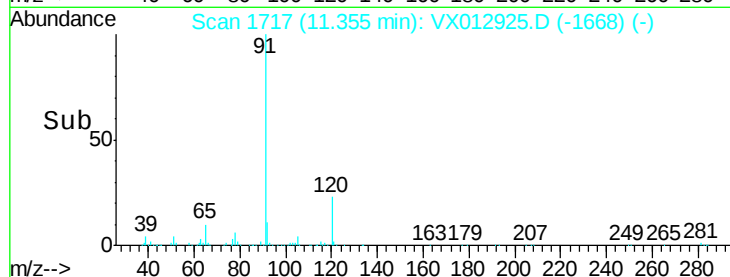
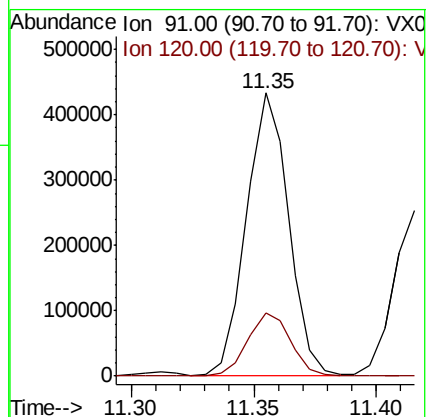
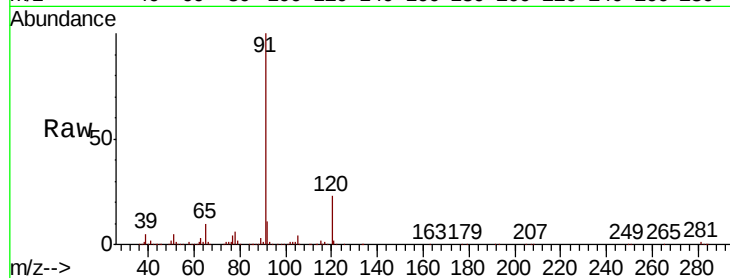
Ion Ratio Lower Upper

91 100

120 23.0 11.7 35.1

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#79

2-Chlorotoluene

Concen: 50.333 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012925.D

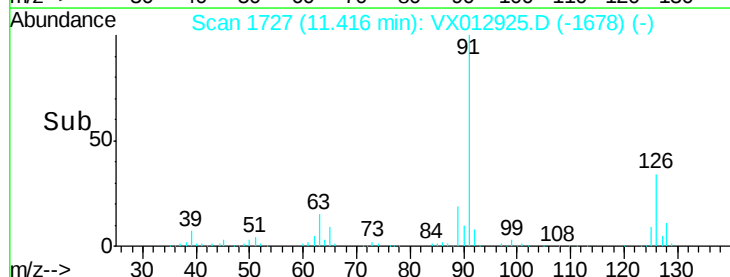
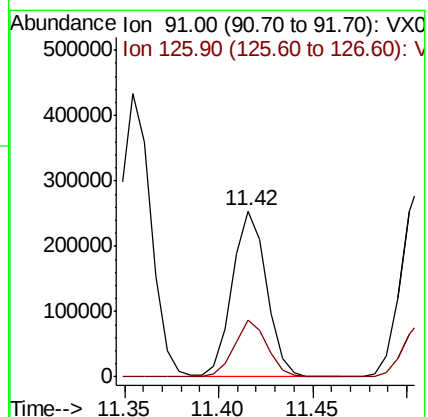
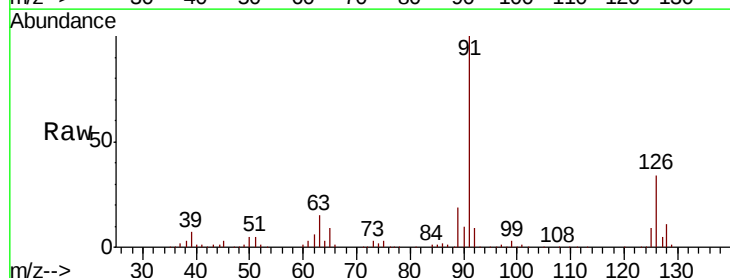
Acq: 09 Oct 2019 06:15

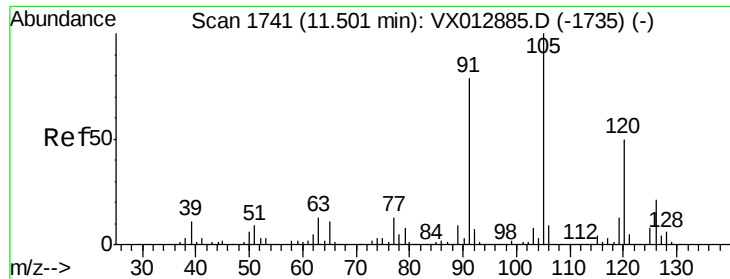
Tgt Ion: 91 Resp: 317901

Ion Ratio Lower Upper

91 100

126 33.0 16.3 48.8





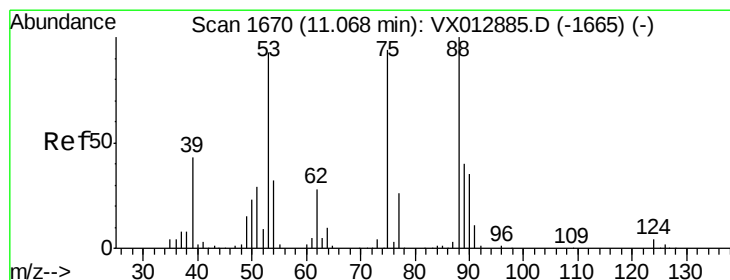
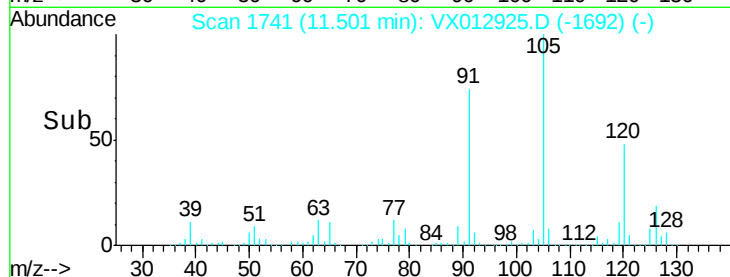
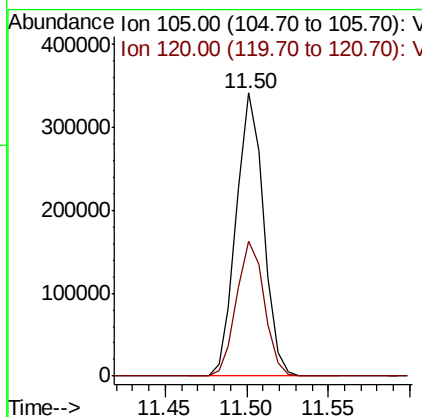
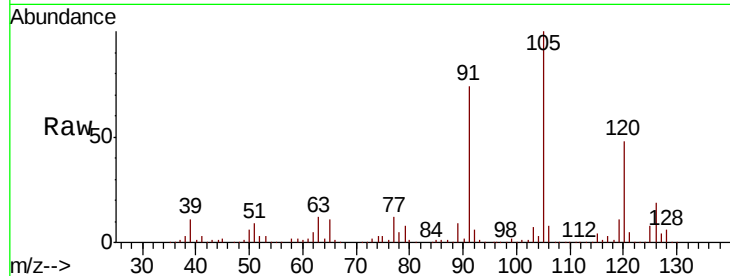
#80
 1,3,5-Trimethylbenzene
 Concen: 52.351 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.8	74.3

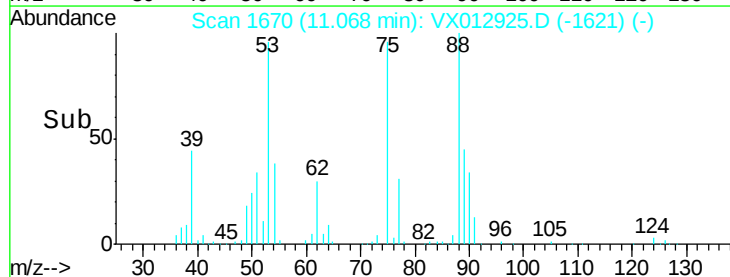
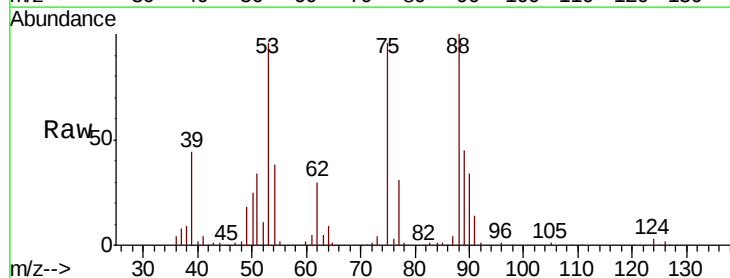
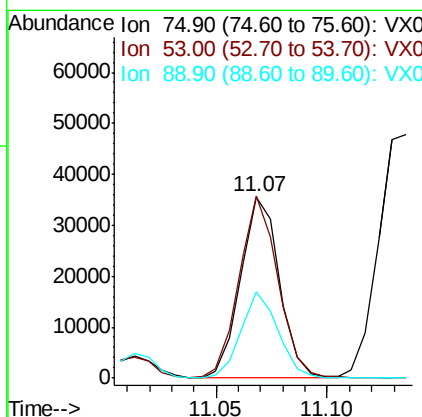
Manual Integrations
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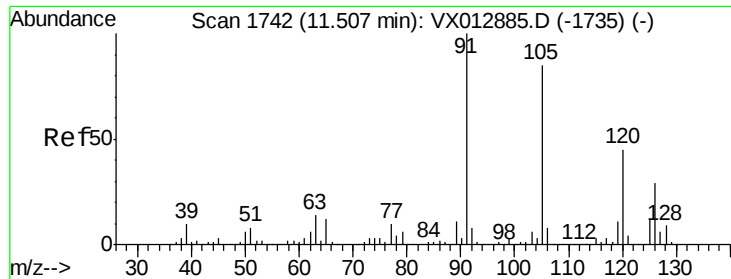
MMDadoda
 10/9/2019 10:39:16 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.123 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.0	78.5	117.7
89	45.7	37.4	56.2





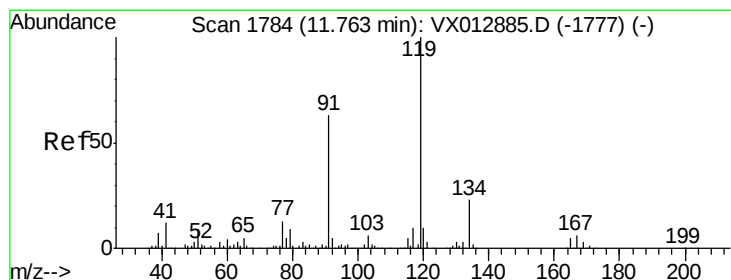
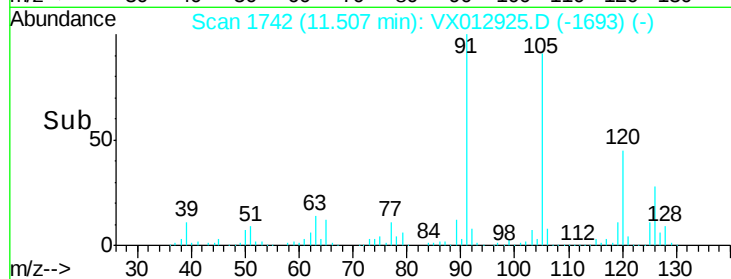
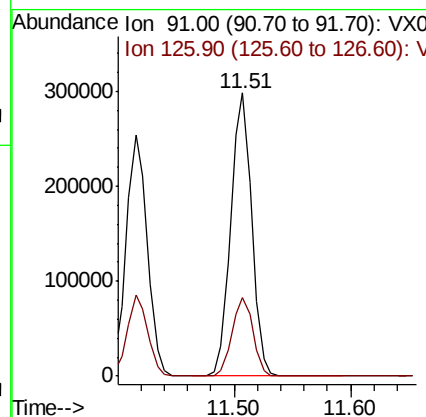
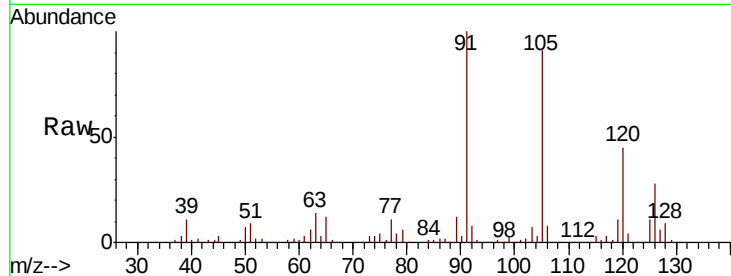
#82
4-Chlorotoluene
Concen: 51.429 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

Tot Ion: 91 Resp: 372314
Ion Ratio Lower Upper
91 100
126 28.0 14.2 42.6

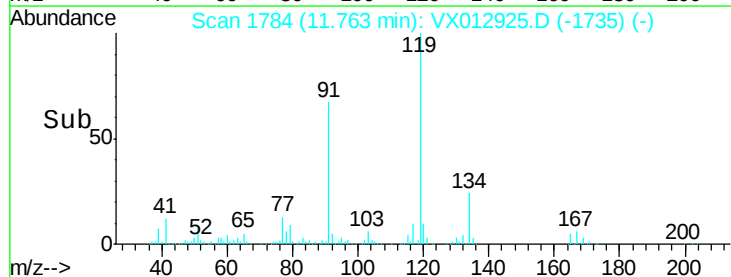
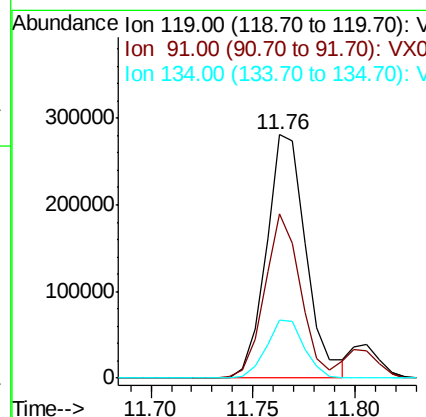
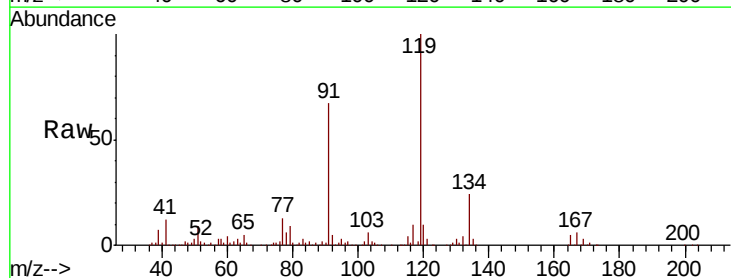
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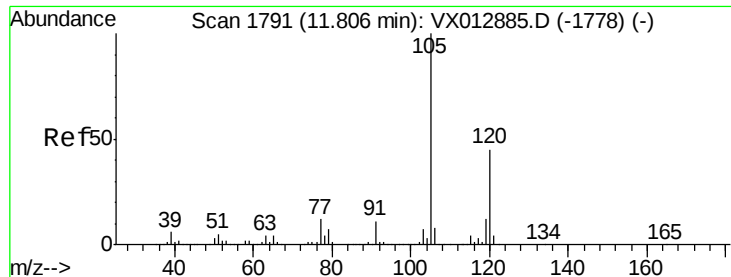
MMDadoda
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#83
tert-Butylbenzene
Concen: 51.188 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion: 119 Resp: 380798
Ion Ratio Lower Upper
119 100
91 60.6 29.3 87.9
134 22.8 11.5 34.4





#84

1,2,4-Trimethylbenzene

Concen: 51.960 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

FC-MW10S-20191002MS

Tot Ion:105 Resp: 401314

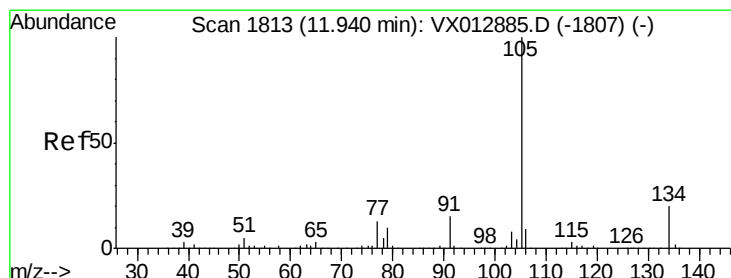
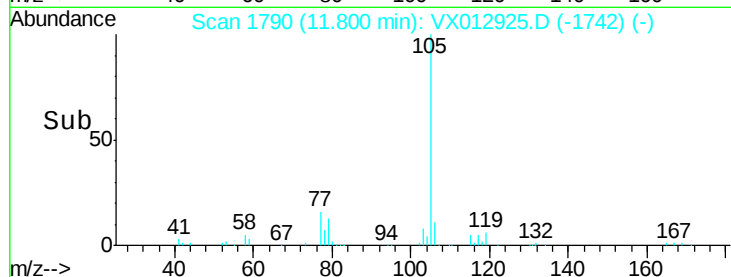
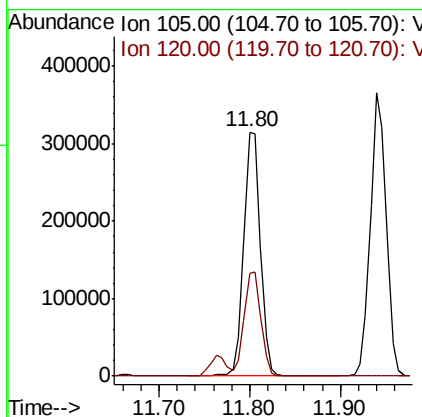
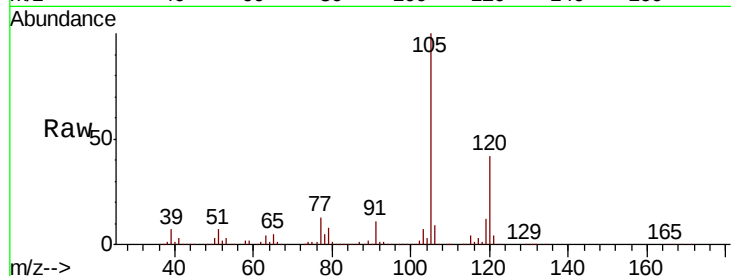
Ion Ratio Lower Upper

105 100

120 43.0 21.8 65.3

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#85

sec-Butylbenzene

Concen: 51.426 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012925.D

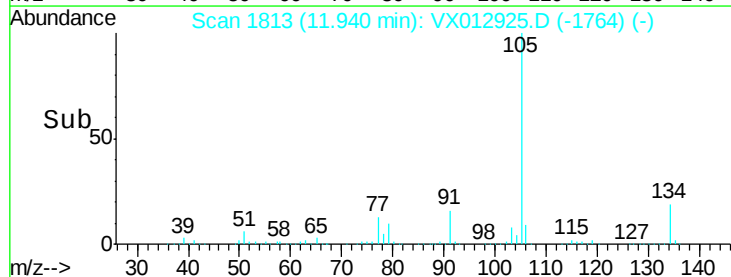
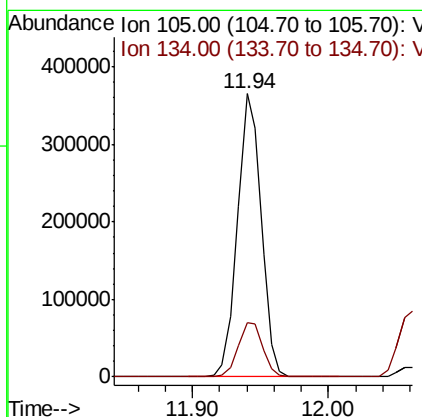
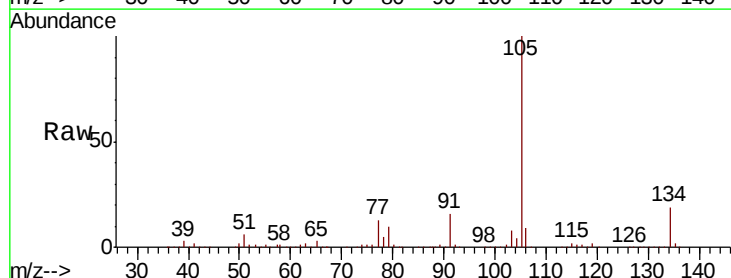
Acq: 09 Oct 2019 06:15

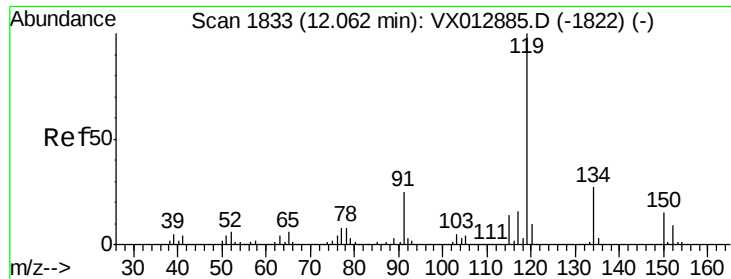
Tgt Ion:105 Resp: 443223

Ion Ratio Lower Upper

105 100

134 19.7 10.0 30.0





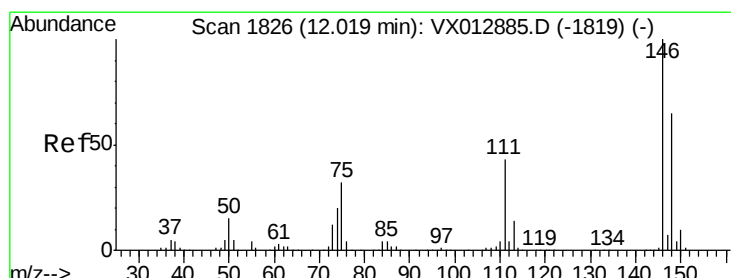
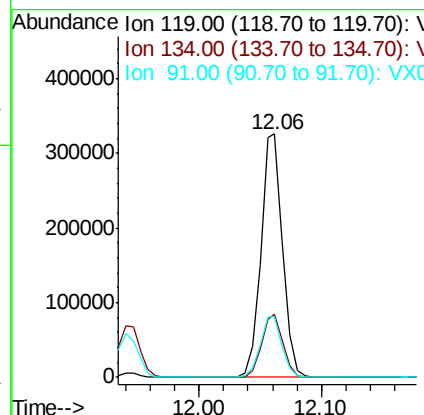
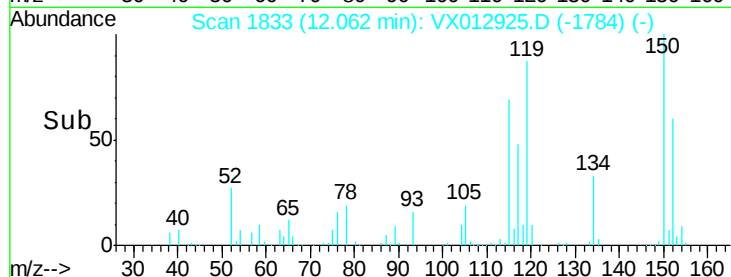
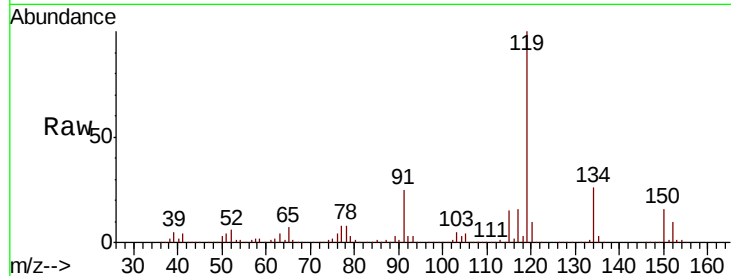
#86
p-Isopropyltoluene
Concen: 50.287 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	401961		
134	25.4	12.6	37.8	
91	25.4	12.4	37.4	

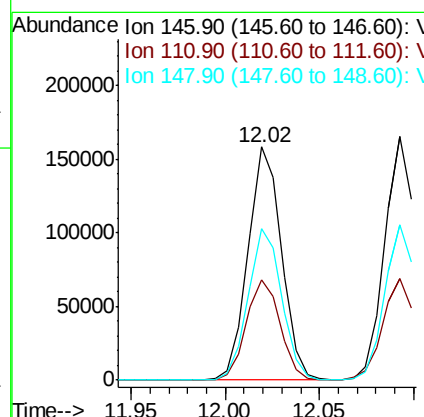
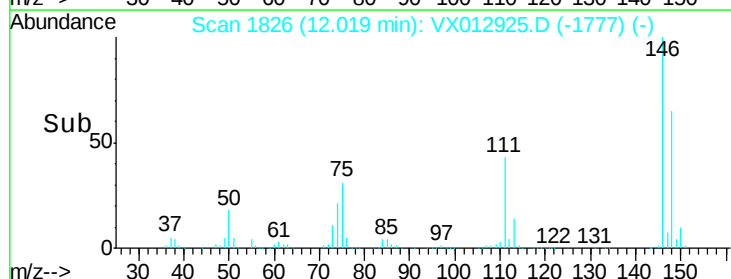
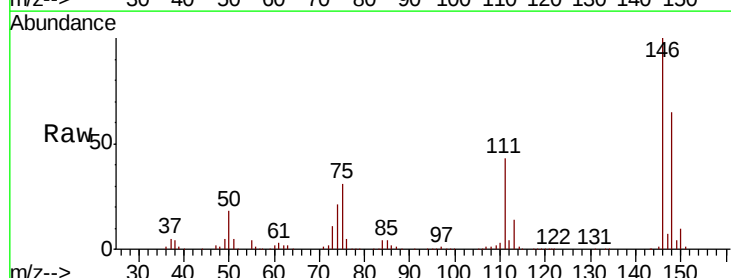
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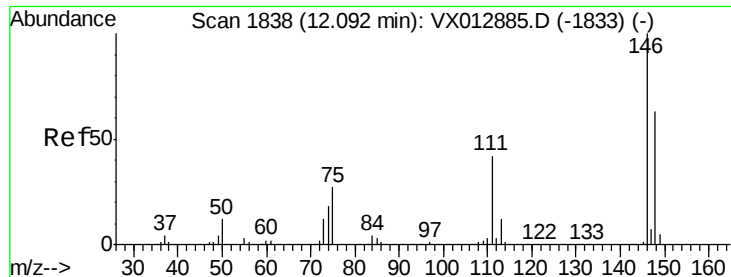
MMDadoda
10/9/2019 10:39:16 AM



#87
1,3-Dichlorobenzene
Concen: 48.921 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	195518		
111	43.6	21.1	63.4	
148	65.0	31.6	95.0	





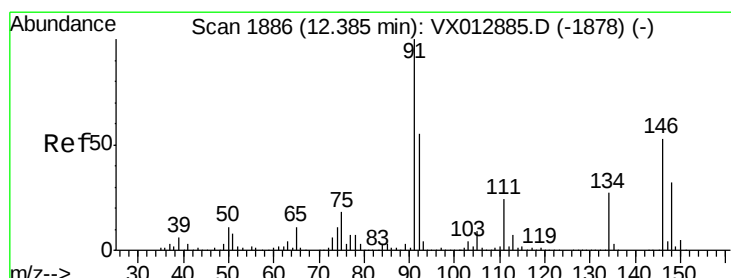
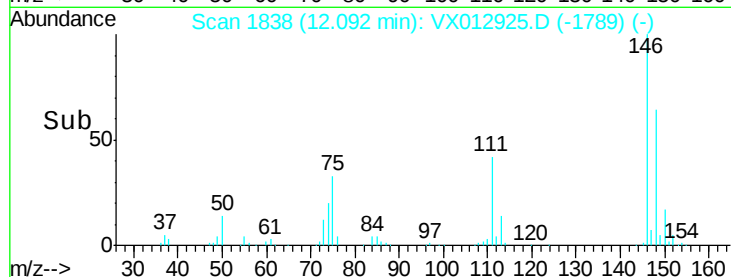
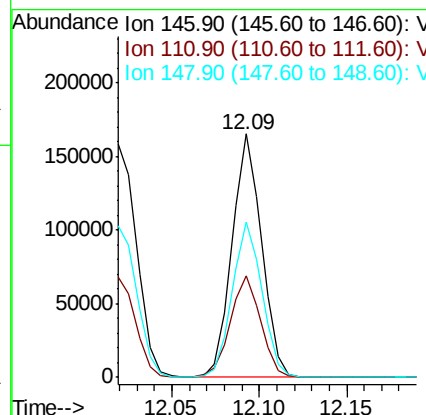
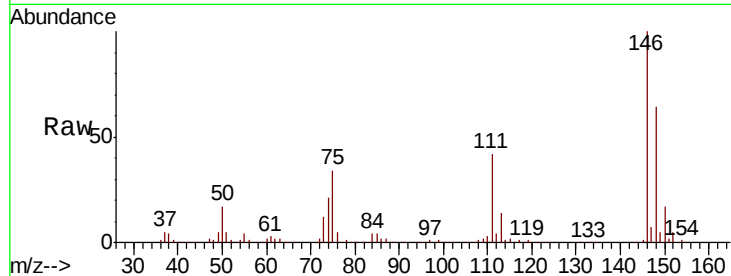
#88
 1,4-Dichlorobenzene
 Concen: 48.028 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.4	64.3
148	64.2	32.1	96.5

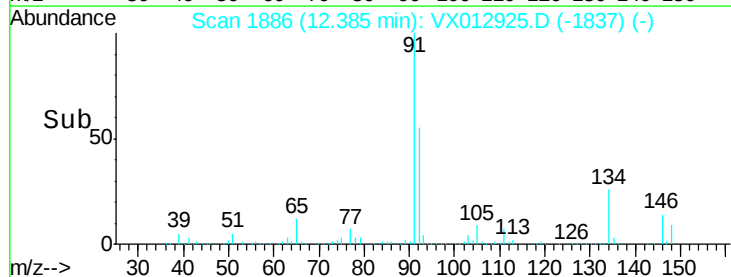
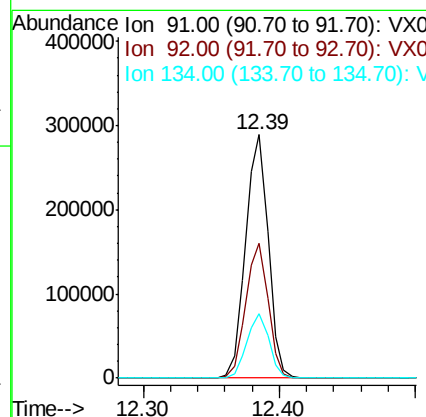
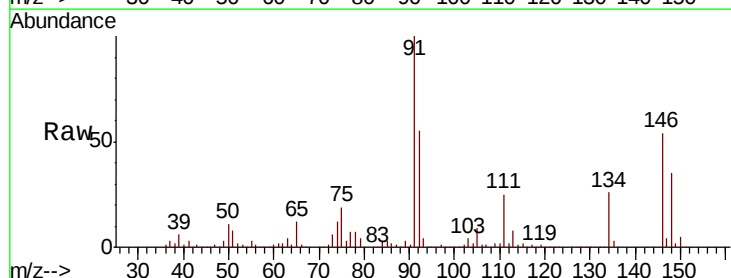
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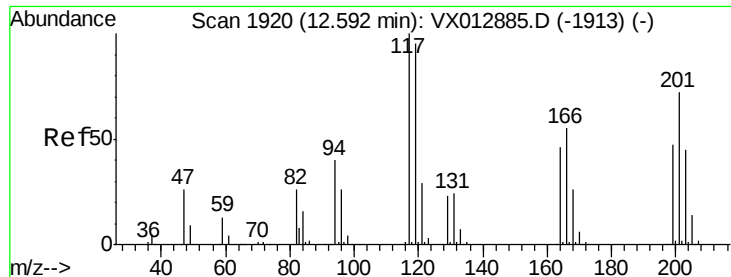
MMDadoda
 10/9/2019 10:39:16 AM



#89
 n-Butylbenzene
 Concen: 49.895 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.5	82.5
134	25.9	12.9	38.7





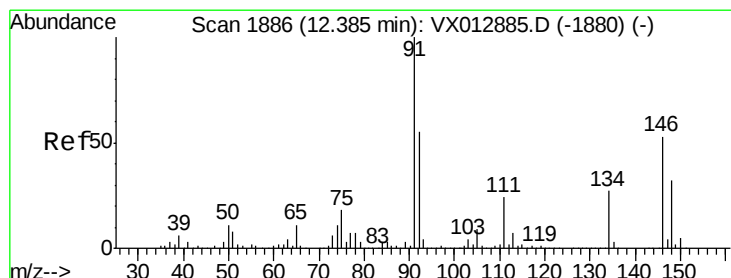
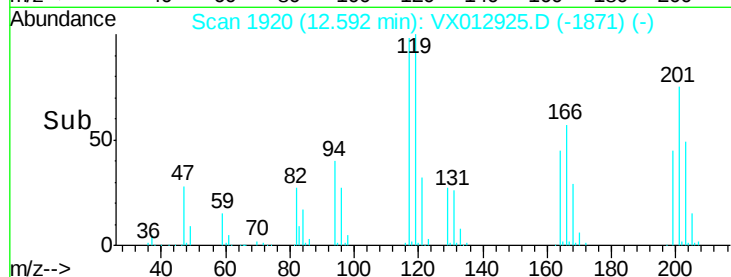
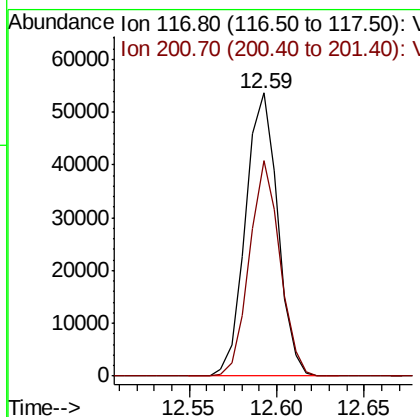
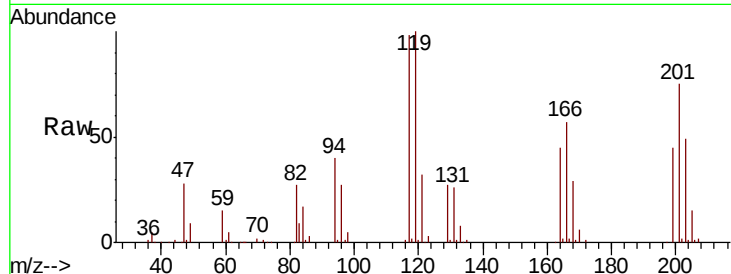
#90
Hexachloroethane
Concen: 46.527 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MS

Tot Ion:117 Resp: 68655
Ion Ratio Lower Upper
117 100
201 72.3 36.9 110.7

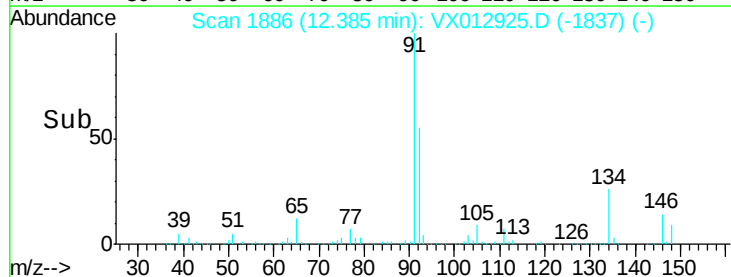
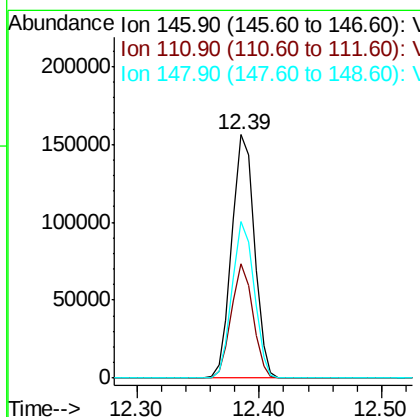
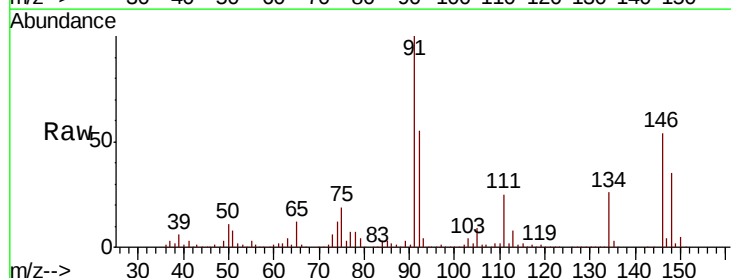
Manual Integrations
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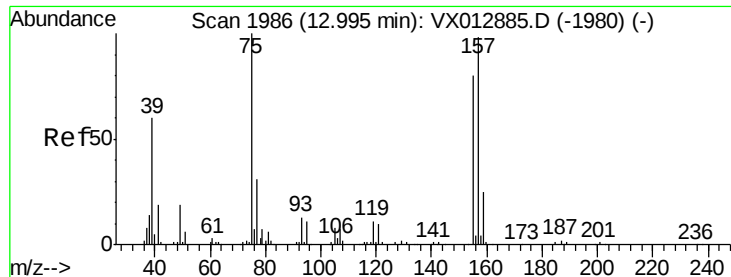
MMDadoda
10/9/2019 10:39:16 AM



#91
1,2-Dichlorobenzene
Concen: 50.656 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion:146 Resp: 198477
Ion Ratio Lower Upper
146 100
111 44.9 22.7 68.0
148 63.1 31.6 94.7





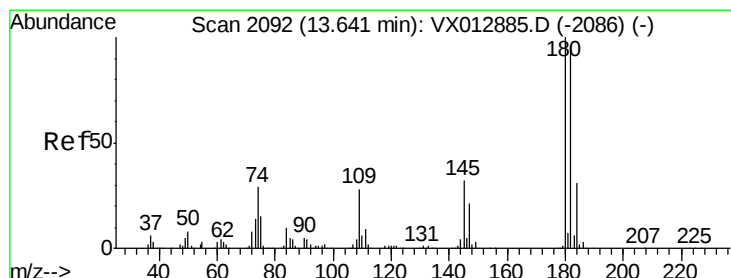
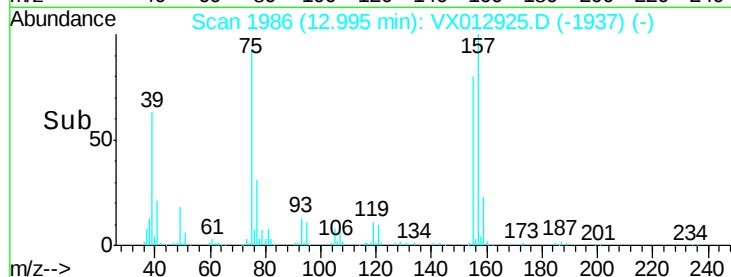
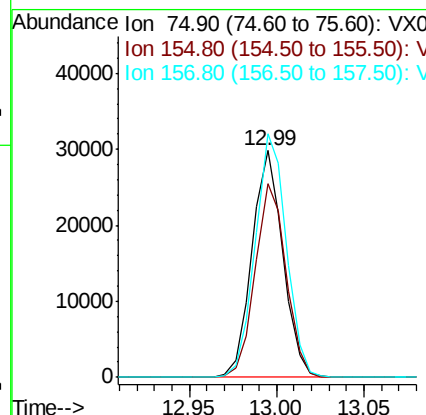
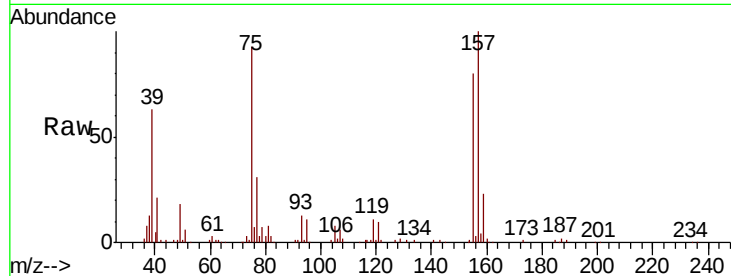
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.499 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	85.2	43.0	128.8
157	108.1	54.1	162.3

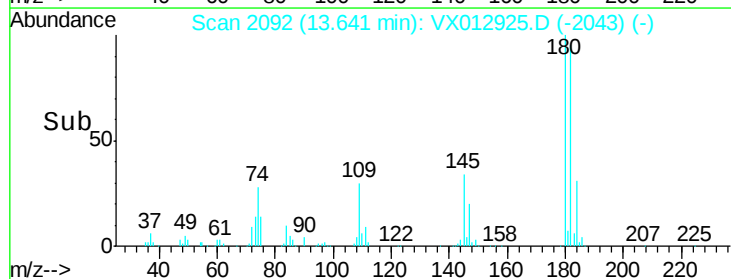
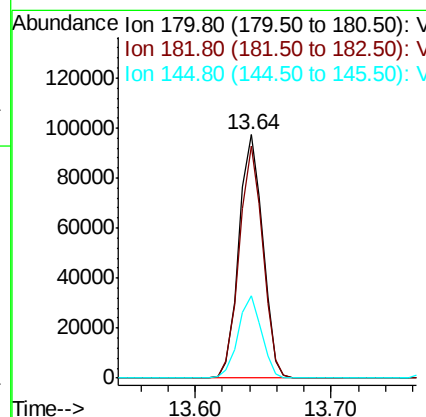
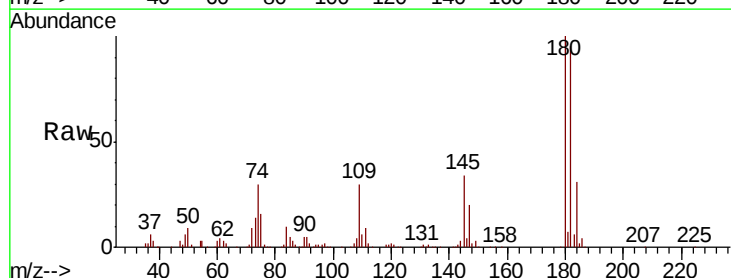
Manual Integrations
 APPROVED

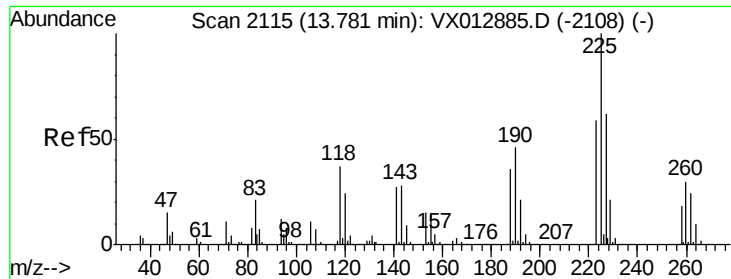
MMDadoda
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#93
 1,2,4-Trichlorobenzene
 Concen: 48.603 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	46.8	140.4
145	33.1	16.2	48.6





#94

Hexachlorobutadiene

Concen: 46.926 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

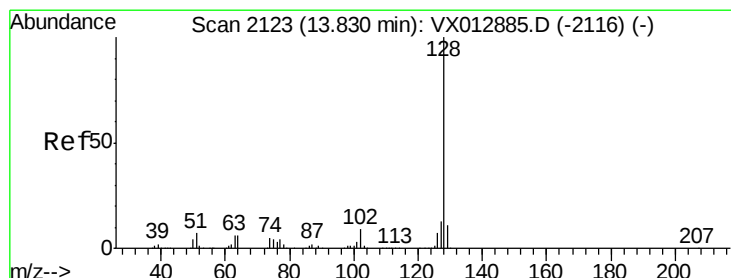
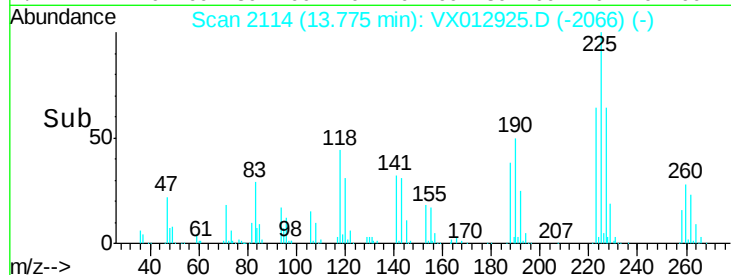
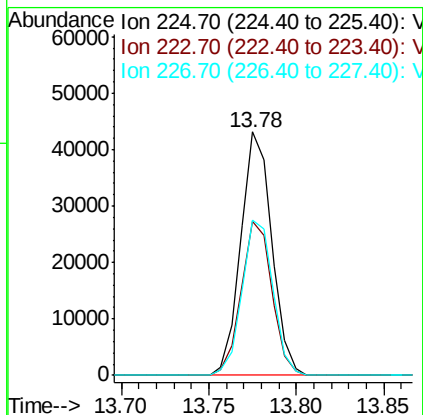
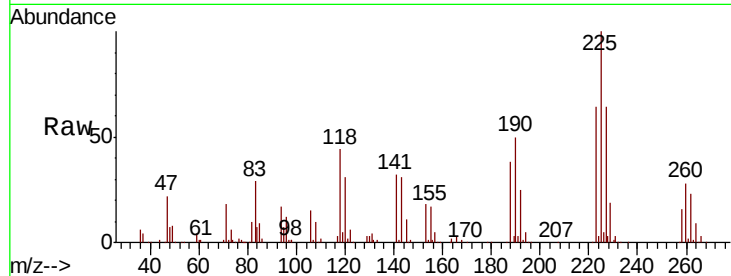
ClientSampleId :

FC-MW10S-20191002MS

Tot Ion:	225	Resp:	53154
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.1	93.2
227	63.5	32.3	96.9

Manual Integrations
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10/9/2019 10:39:16 AM



#95

Naphthalene

Concen: 50.712 ug/l

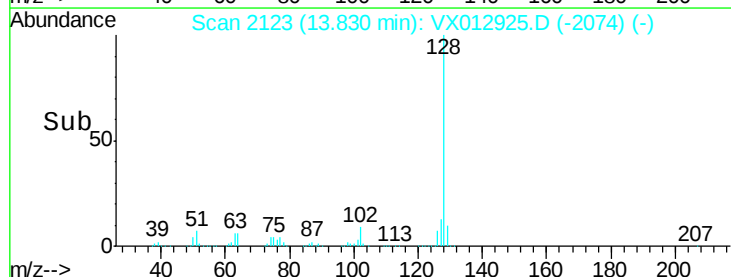
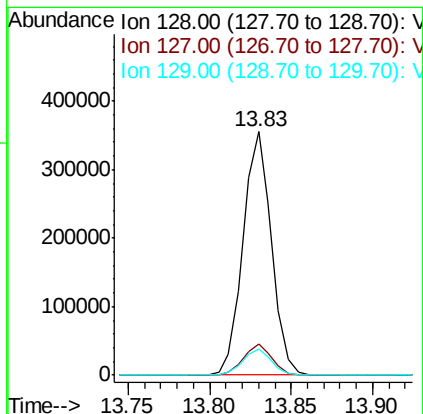
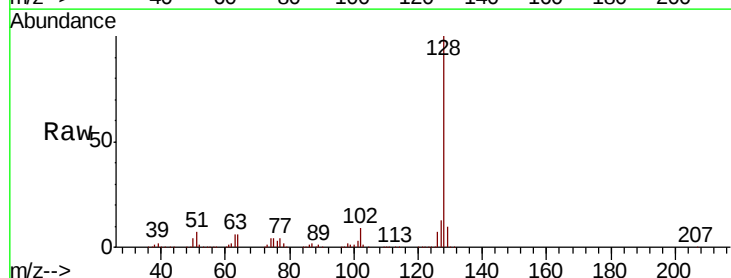
RT: 13.83 min Scan# 2123

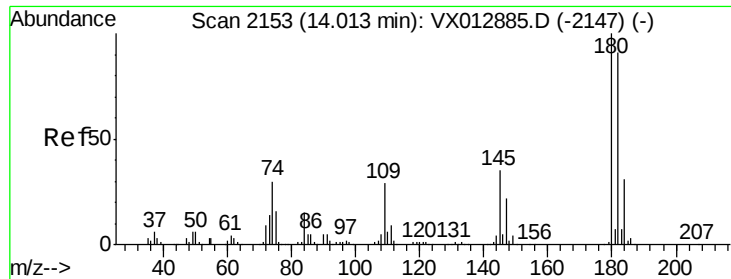
Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Tgt Ion:	128	Resp:	431471
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	10.5	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 48.304 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MS

Tot Ion:	180	Resp:	122518
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.5	142.5
145	35.3	17.4	52.3

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:39:16 AM

