

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101019\
 Data File : VX013006.D
 Acq On : 10 Oct 2019 19:13
 Operator : JC/SP
 Sample : K5290-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 1:05:50 PM

Quant Time: Oct 11 08:09:57 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	162527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	276266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	105209	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
35) Dibromofluoromethane	5.48	113	82839	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	8.71	98	318357	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.13	95	122505	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	83618	50.474	ug/l	99
3) Chloromethane	1.32	50	91403	50.696	ug/l	97
4) Vinyl Chloride	1.40	62	90694	48.736	ug/l	98
5) Bromomethane	1.63	94	37132	48.001	ug/l	99
6) Chloroethane	1.71	64	57863	50.897	ug/l	98
7) Trichlorofluoromethane	1.92	101	130581	51.988	ug/l	99
8) Diethyl Ether	2.18	74	50663	49.972	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82397	50.688	ug/l	99
10) Methyl Iodide	2.50	142	97194	52.495	ug/l	99
11) Tert butyl alcohol	3.03	59	132913	246.821	ug/l	99
12) 1,1-Dichloroethene	2.36	96	84654	51.542	ug/l	95
13) Acrolein	2.28	56	91415	238.875	ug/l	99
14) Allyl chloride	2.72	41	149099	50.976	ug/l	99
15) Acrylonitrile	3.13	53	271102	265.657	ug/l	100
16) Acetone	2.44	43	232249	216.905	ug/l	99
17) Carbon Disulfide	2.56	76	222213	47.449	ug/l	98
18) Methyl Acetate	2.76	43	122656	48.329	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	303310	53.476	ug/l	99
20) Methylene Chloride	2.84	84	97769	49.684	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	92715	52.668	ug/l	99
22) Diisopropyl ether	3.84	45	298505	53.260	ug/l	96
23) Vinyl Acetate	3.80	43	1255172	259.420	ug/l	99
24) 1,1-Dichloroethane	3.69	63	167456	53.109	ug/l	99
25) 2-Butanone	4.66	43	374280	251.955	ug/l	100
26) 2,2-Dichloropropane	4.57	77	118081	44.535	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	105250	51.869	ug/l	98
28) Bromochloromethane	5.01	49	49622	52.685	ug/l	96
29) Tetrahydrofuran	5.12	42	240404	262.987	ug/l	99
30) Chloroform	5.20	83	168891	52.203	ug/l	96
31) Cyclohexane	5.57	56	148441	50.347	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	148514	54.177	ug/l	98
36) 1,1-Dichloropropene	5.79	75	124304	51.176	ug/l	100
37) Ethyl Acetate	4.82	43	138819	51.111	ug/l	99
38) Carbon Tetrachloride	5.78	117	124699	52.745	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	149781	50.848	ug/l	99
40) Benzene	6.14	78	378511	52.762	ug/l	99
41) Methacrylonitrile	5.03	41	78133	52.353	ug/l	99
42) 1,2-Dichloroethane	6.18	62	136599	53.064	ug/l	98
43) Isopropyl Acetate	6.43	43	225534	51.736	ug/l	99
44) Trichloroethene	7.21	130	102731	51.641	ug/l	99
45) 1,2-Dichloropropane	7.51	63	97543	53.349	ug/l	99
46) Dibromomethane	7.65	93	65317	53.618	ug/l	99
47) Bromodichloromethane	7.89	83	128504	54.055	ug/l	98
48) Methyl methacrylate	7.76	41	112506	52.960	ug/l	99
49) 1,4-Dioxane	7.73	88	57243	1003.980	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	729863	268.536	ug/l	100
52) Toluene	8.78	92	243819	53.125	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	139882	47.273	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	153628	52.543	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96672	53.225	ug/l	100
56) Ethyl methacrylate	9.17	69	159530	49.085	ug/l	99
57) 1,3-Dichloropropane	9.37	76	164656	52.407	ug/l	99
59) 2-Hexanone	9.49	43	562571	265.898	ug/l	100
60) Dibromochloromethane	9.58	129	98926	48.983	ug/l	99
61) 1,2-Dibromoethane	9.67	107	101417	53.080	ug/l	100
64) Tetrachloroethene	9.33	164	128733	74.449	ug/l	98
65) Chlorobenzene	10.14	112	252751	51.054	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	94687	55.162	ug/l	99
67) Ethyl Benzene	10.25	91	462844	52.633	ug/l	100
68) m/p-Xylenes	10.35	106	352253	107.224	ug/l	98
69) o-Xylene	10.70	106	168001	52.440	ug/l	99
70) Stvrene	10.71	104	291826	53.583	ug/l	99
71) Bromoform	10.85	173	67657	46.502	ug/l #	100
73) Isopropylbenzene	11.01	105	451199	52.530	ug/l	100
74) N-amyl acetate	10.89	43	192913	52.149	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	148030	51.816	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	124187m	47.926	ug/l	
77) Bromobenzene	11.25	156	105698	52.221	ug/l	99
78) n-propylbenzene	11.35	91	495306	52.405	ug/l	99
79) 2-Chlorotoluene	11.42	91	308976	52.017	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	383208	53.430	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	45324	45.389	ug/l	99
82) 4-Chlorotoluene	11.51	91	355994	52.288	ug/l	99
83) tert-Butylbenzene	11.76	119	357611	51.114	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	383701	52.824	ug/l	100
85) sec-Butylbenzene	11.94	105	424961	52.428	ug/l	100
86) p-Isopropyltoluene	12.06	119	390218	51.908	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	184661	49.129	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	187661	49.298	ug/l	99
89) n-Butylbenzene	12.38	91	323716	51.236	ug/l	99
90) Hexachloroethane	12.59	117	67212	48.346	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	190237	51.627	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36301	54.214	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	113814	49.307	ug/l	99

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QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	50002	46.938	ug/l	99
95) Naphthalene	13.83	128	405862	50.722	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	117657	49.325	ug/l	100

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

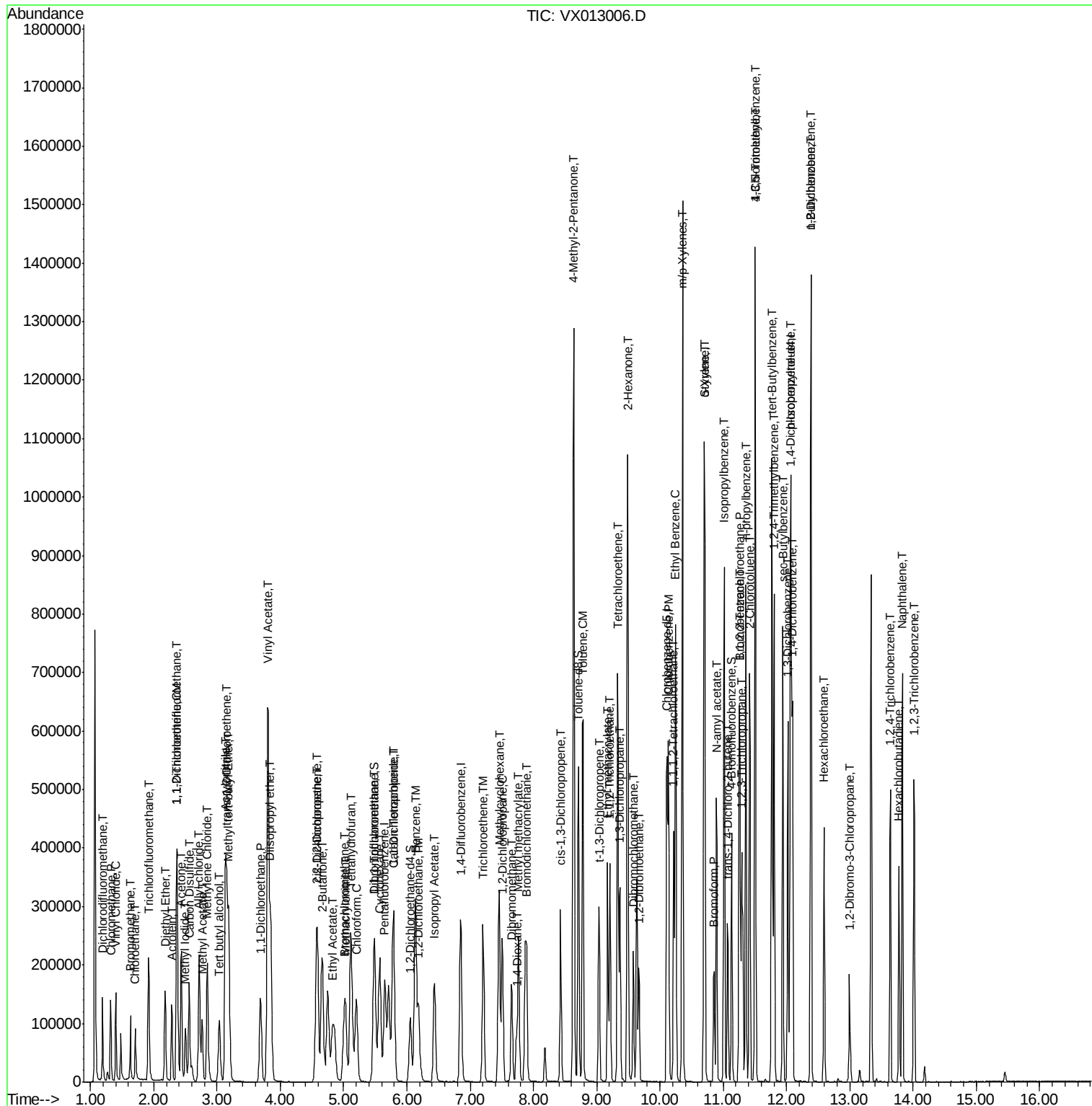
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Data File : VX013006.D
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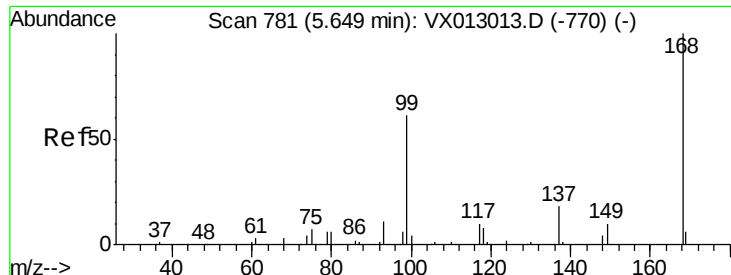
Instrument :
MSVOA_X
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Manual Integrations APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

Tot Ion:168 Resp: 162527

Ion Ratio Lower Upper

168 100

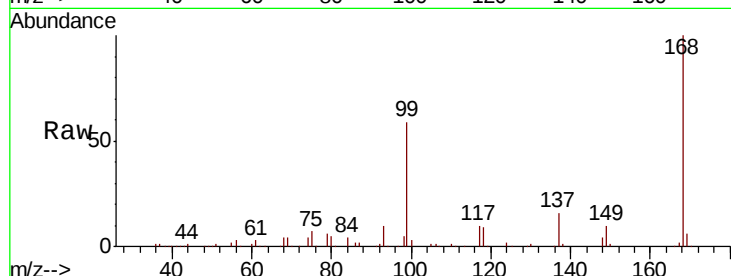
99 58.8 49.4 74.0

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

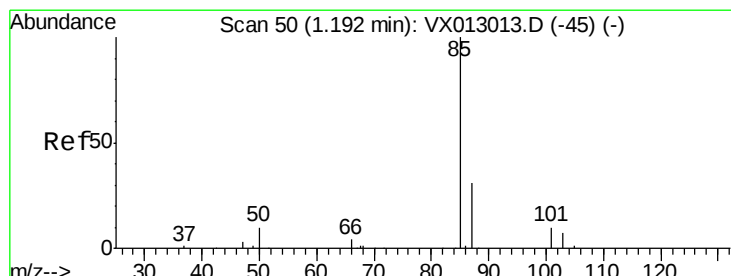
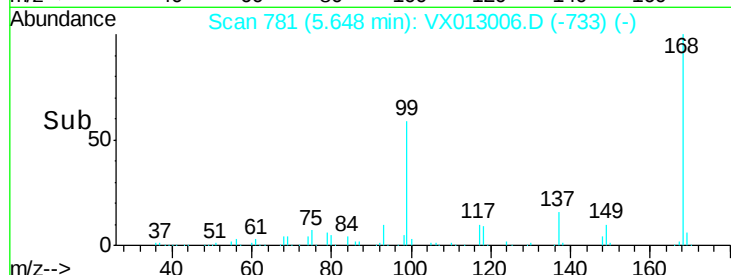
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.474 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013006.D

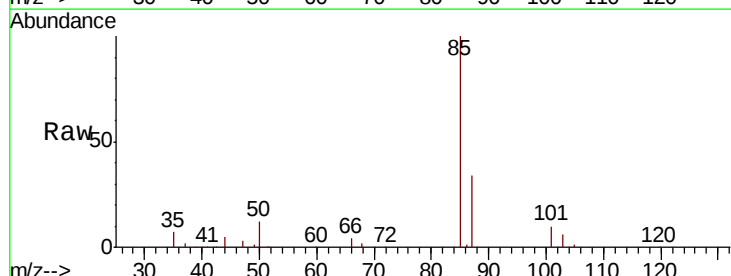
Acq: 10 Oct 2019 19:13

Tgt Ion: 85 Resp: 83618

Ion Ratio Lower Upper

85 100

87 33.6 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

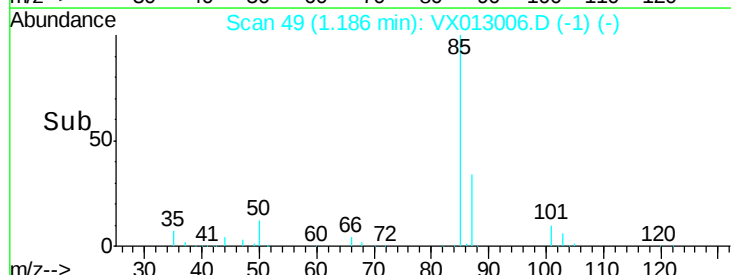
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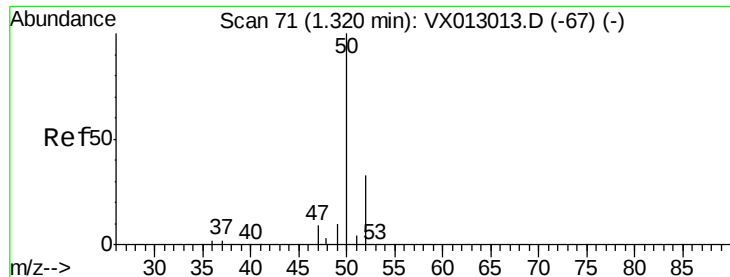
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.696 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

Tot Ion: 50 Resp: 91403

Ion Ratio Lower Upper

50 100

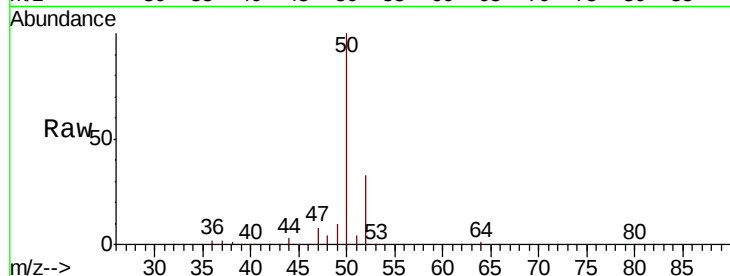
52 32.9 25.2 37.8

Manual Integrations

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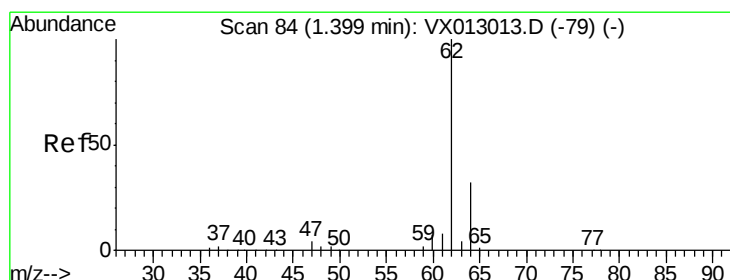
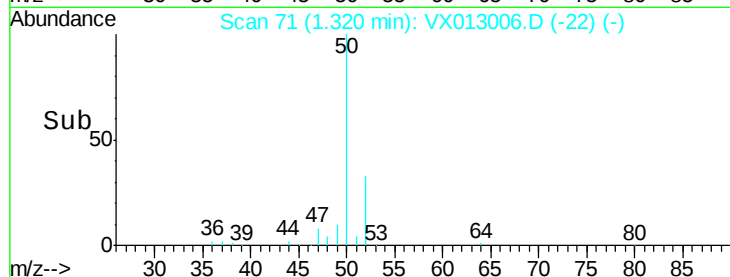
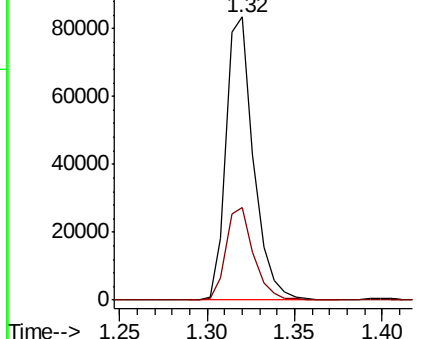
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.736 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013006.D

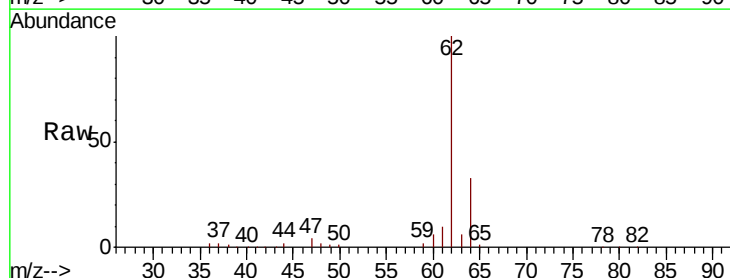
Acq: 10 Oct 2019 19:13

Tgt Ion: 62 Resp: 90694

Ion Ratio Lower Upper

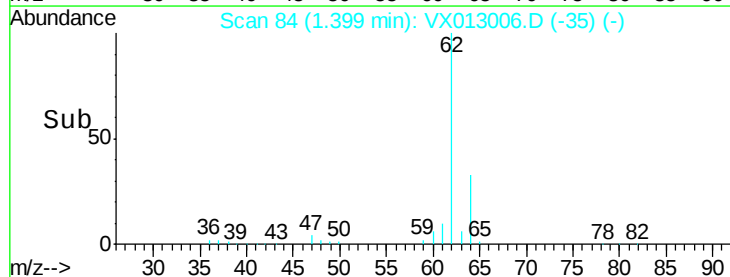
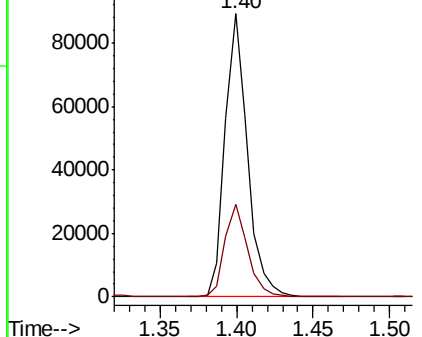
62 100

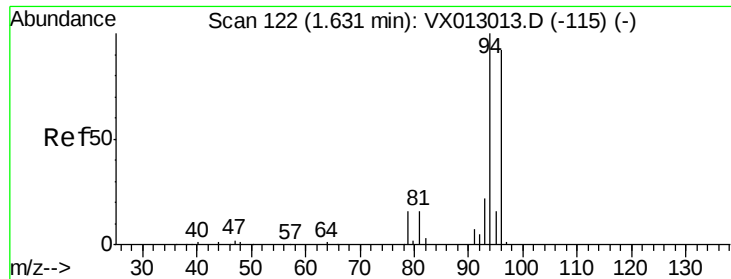
64 32.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.001 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 37132

Ion Ratio Lower Upper

94 100

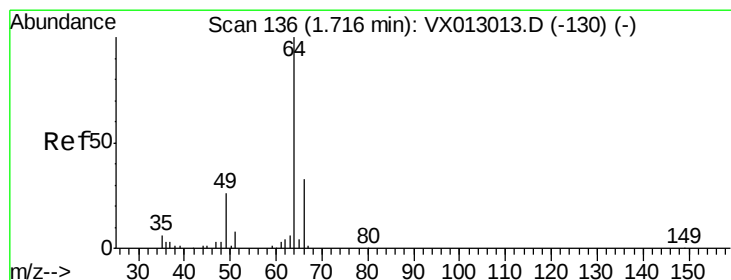
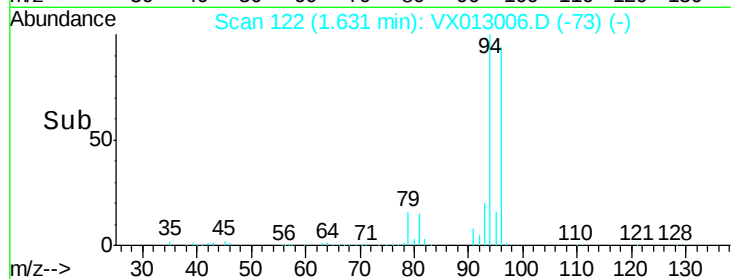
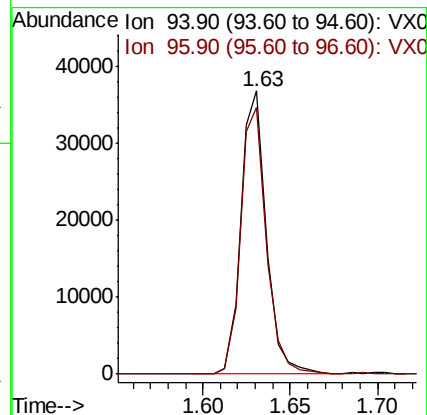
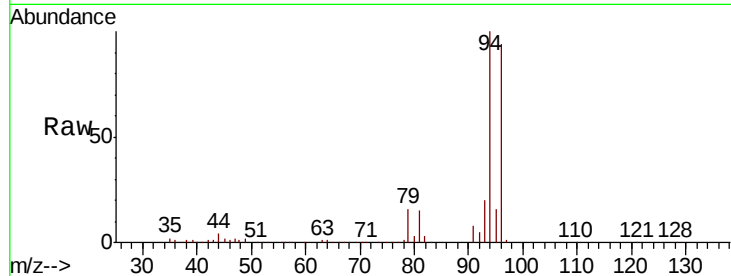
96 94.4 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 50.897 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013006.D

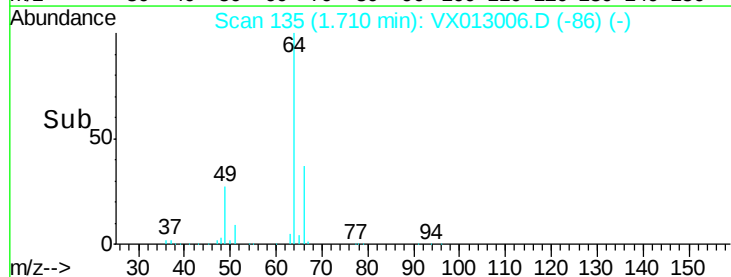
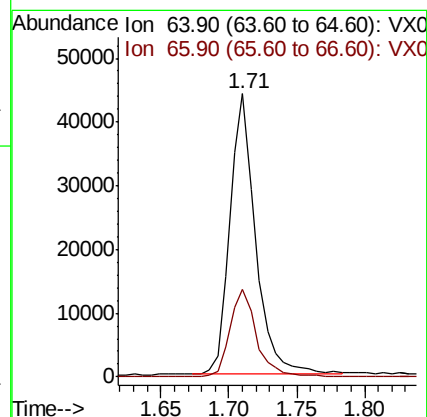
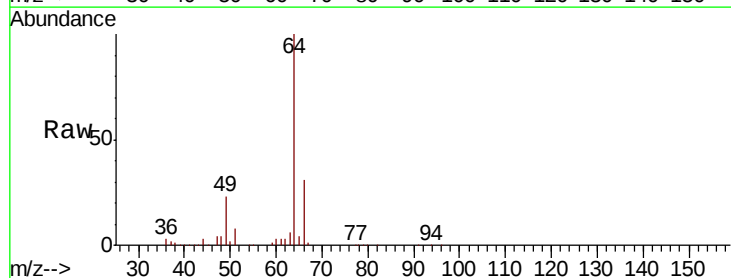
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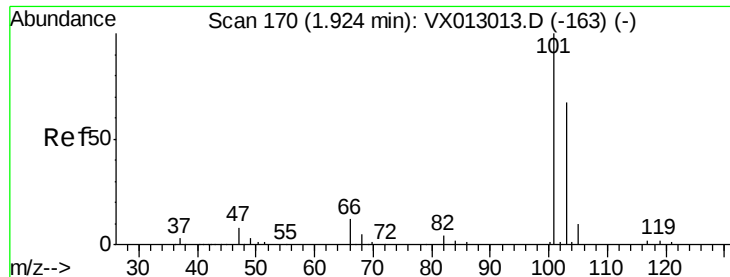
Tgt Ion: 64 Resp: 57863

Ion Ratio Lower Upper

64 100

66 31.0 25.6 38.4





#7

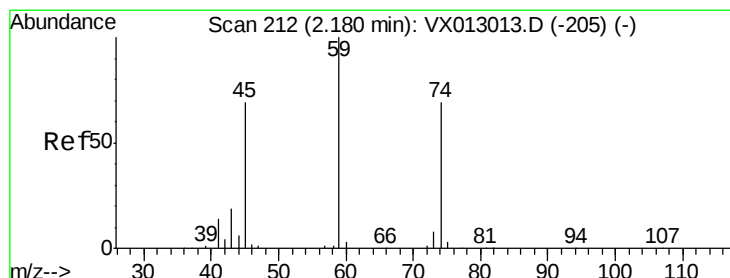
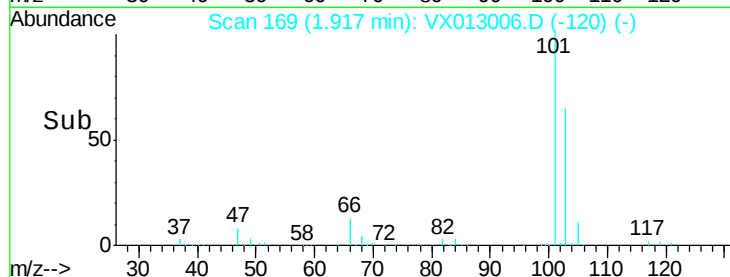
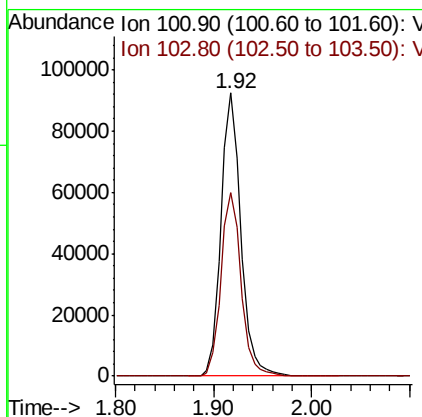
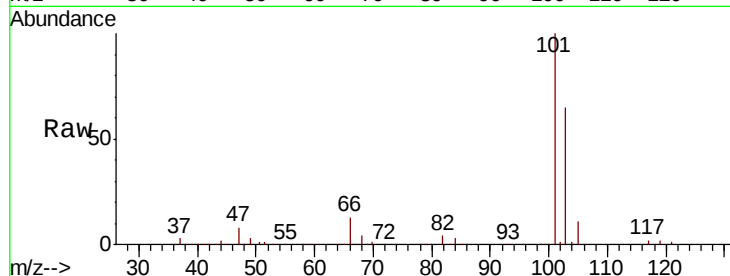
Trichlorofluoromethane
Concen: 51.988 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
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ClientSampleId :
FA19-JMW1964MS

Tot Ion:101 Resp: 130581
Ion Ratio Lower Upper
101 100
103 64.8 52.5 78.7

Manual Integrations
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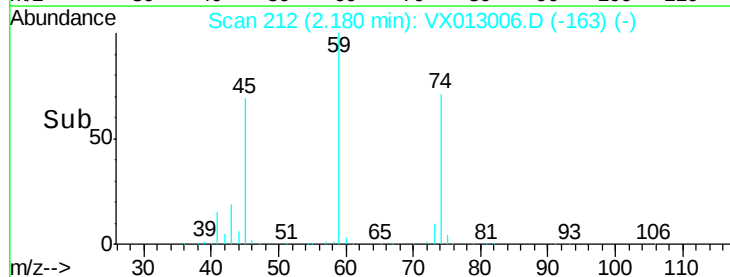
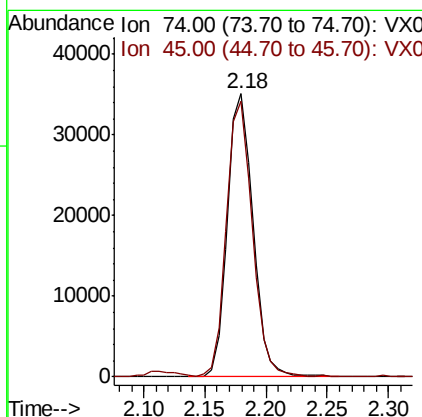
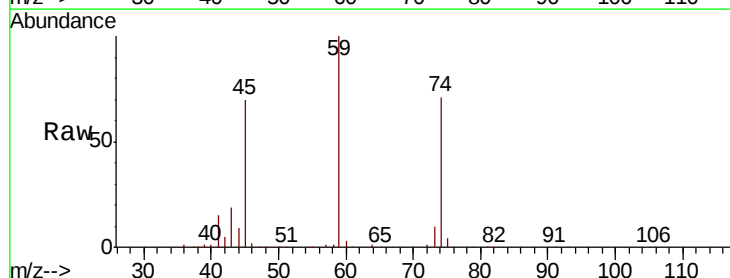
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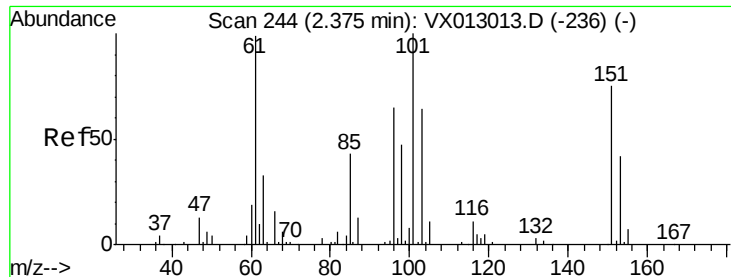


#8

Diethyl Ether
Concen: 49.972 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion: 74 Resp: 50663
Ion Ratio Lower Upper
74 100
45 99.4 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.688 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

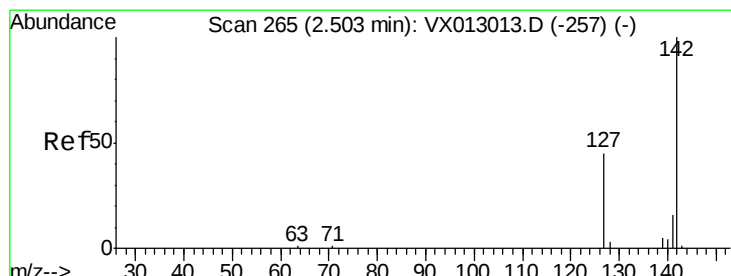
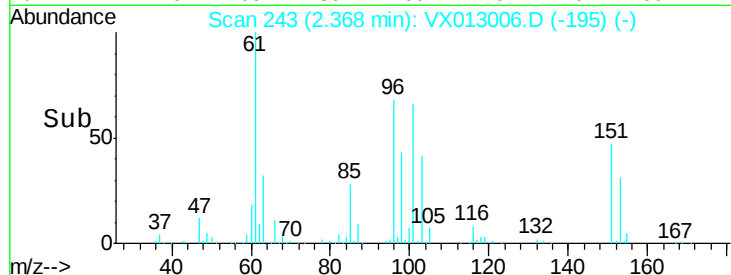
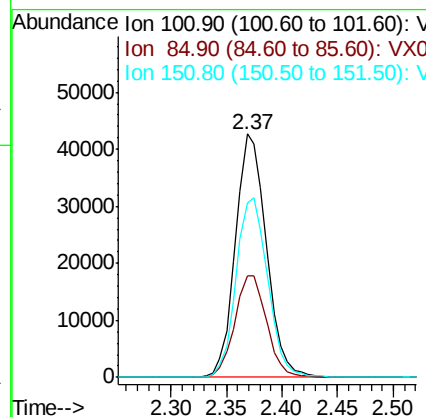
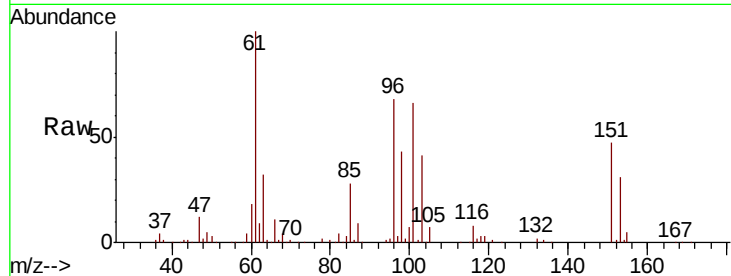
ClientSampleId :

FA19-JMW1964MS

Tot Ion:	101	Resp:	82397
Ion Ratio	Lower	Upper	
101	100		
85	43.0	35.2	52.8
151	75.4	60.3	90.5

Manual Integrations
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#10

Methyl Iodide

Concen: 52.495 ug/l

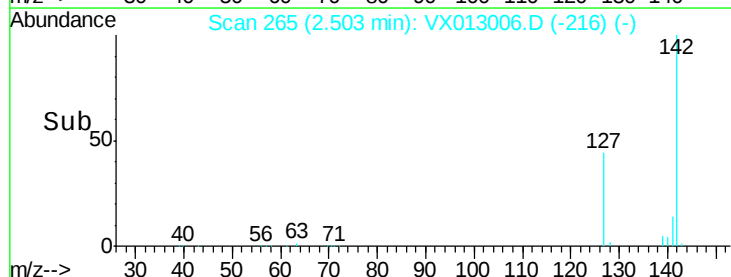
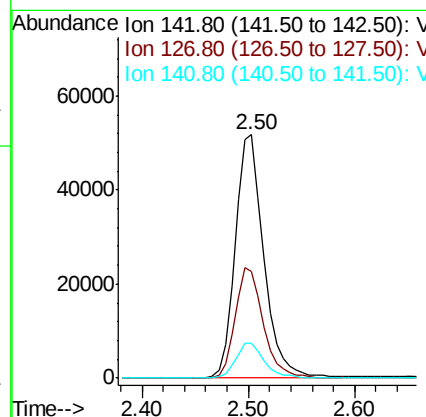
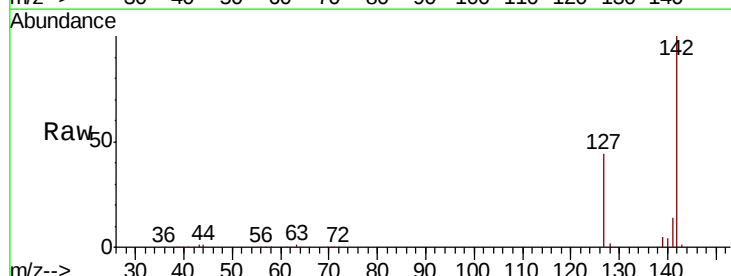
RT: 2.50 min Scan# 265

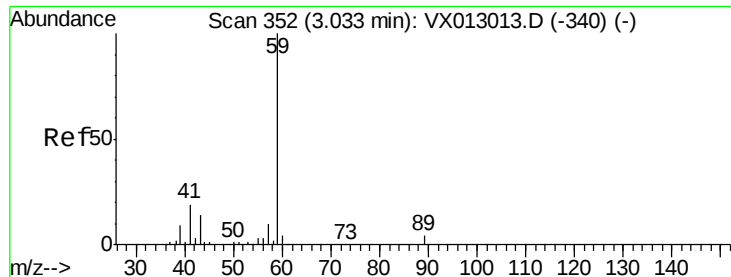
Delta R.T. 0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Tgt Ion:	142	Resp:	97194
Ion Ratio	Lower	Upper	
142	100		
127	44.8	34.9	52.3
141	14.4	11.6	17.4





#11

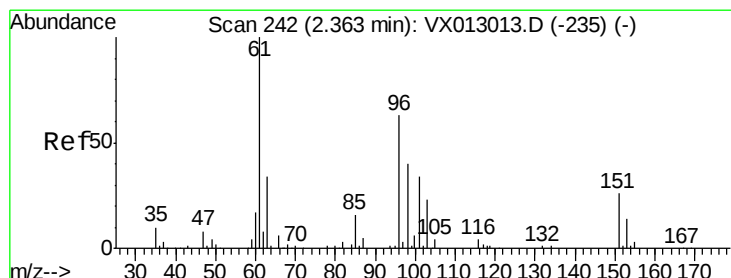
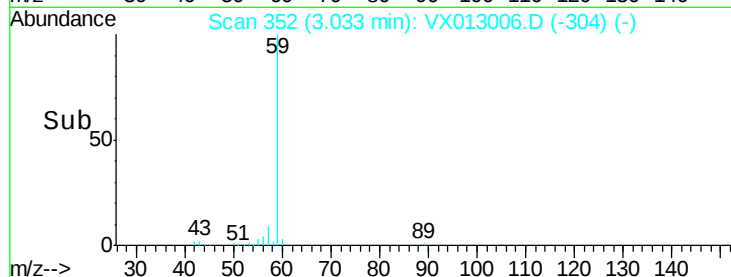
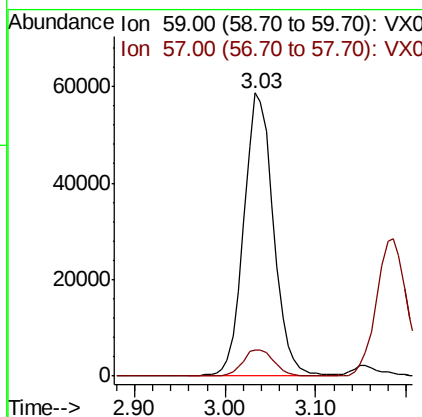
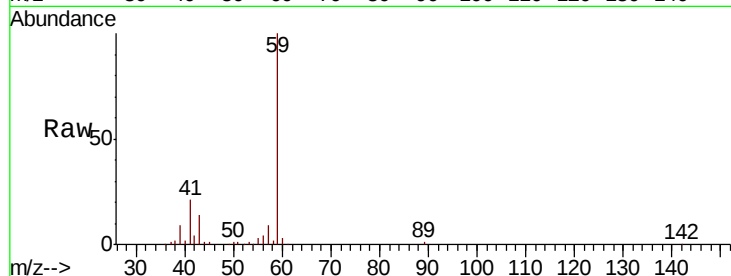
Tert butyl alcohol
Concen: 246.821 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

Manual Integrations
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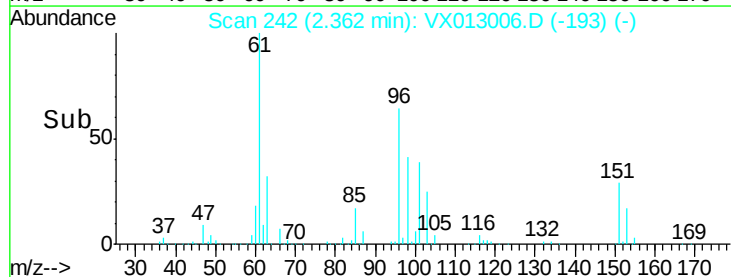
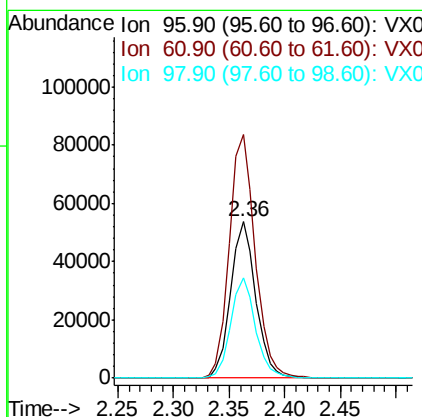
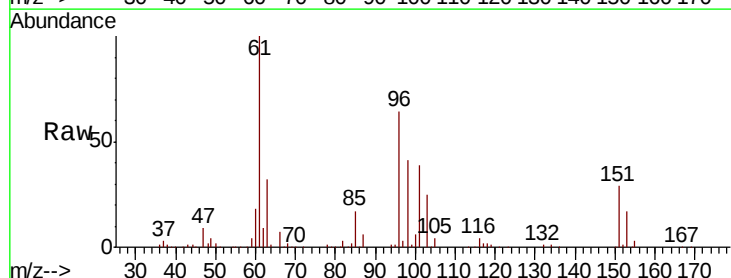
MMDadoda
10/14/2019 1:05:50 PM

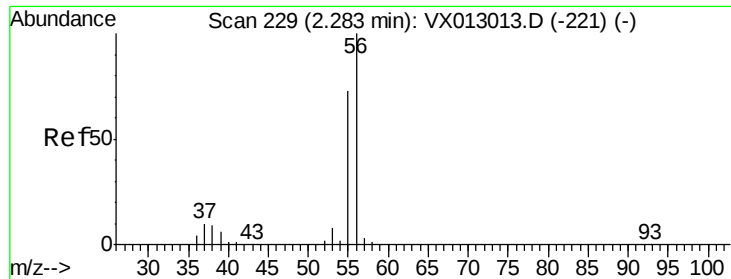


#12

1,1-Dichloroethene
Concen: 51.542 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.6	132.2	198.4
98	63.9	50.5	75.7





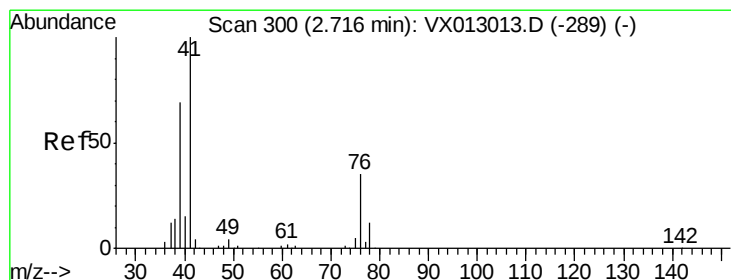
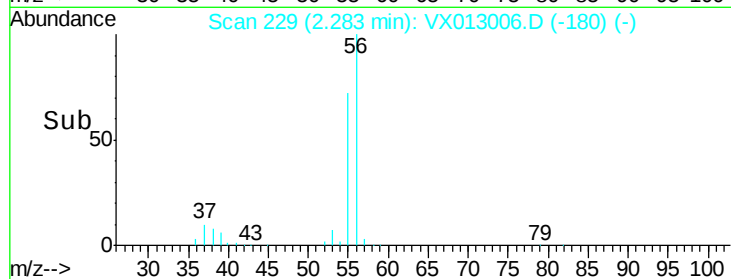
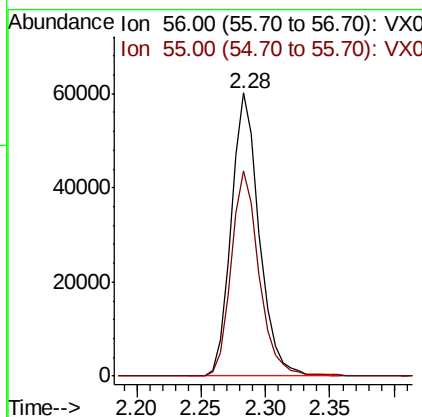
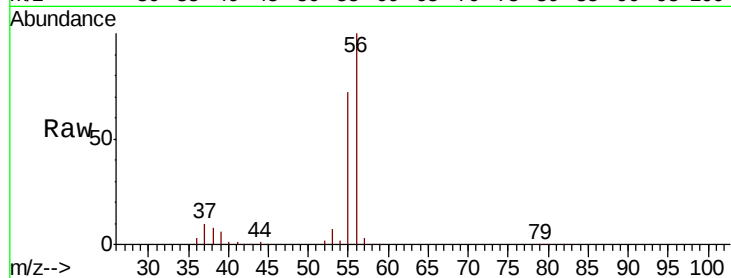
#13
Acrolein
Concen: 238.875 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Tot Ion	56	Resp	91415
Ion Ratio	100	Lower	Upper
56	100		
55	71.5	56.6	85.0

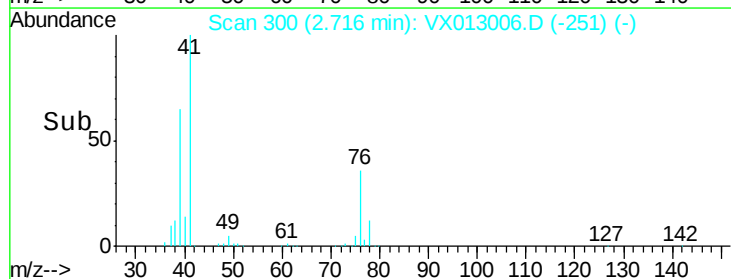
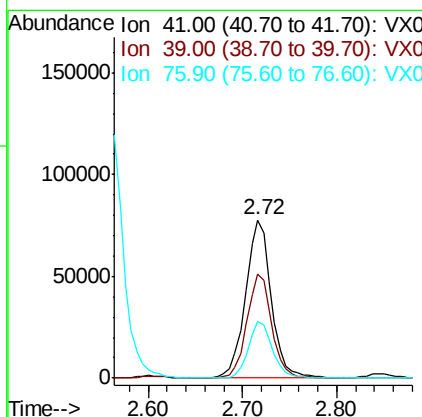
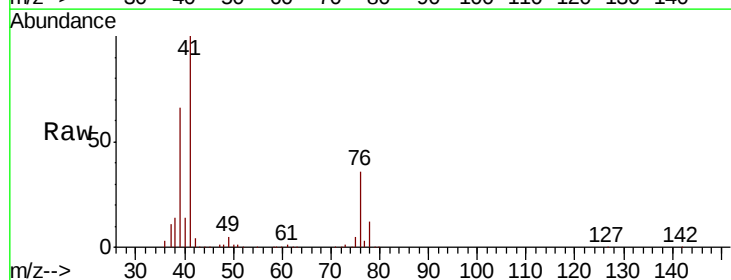
Manual Integrations
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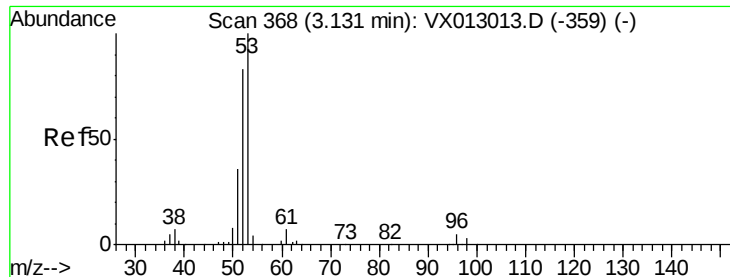
MMDadoda
10/14/2019 1:05:50 PM



#14
Allyl chloride
Concen: 50.976 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion	41	Resp	149099
Ion Ratio	100	Lower	Upper
41	100		
39	63.1	51.0	76.6
76	33.2	26.2	39.4





#15

Acrylonitrile

Concen: 265.657 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

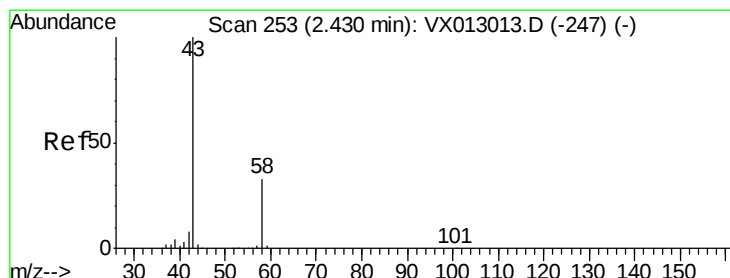
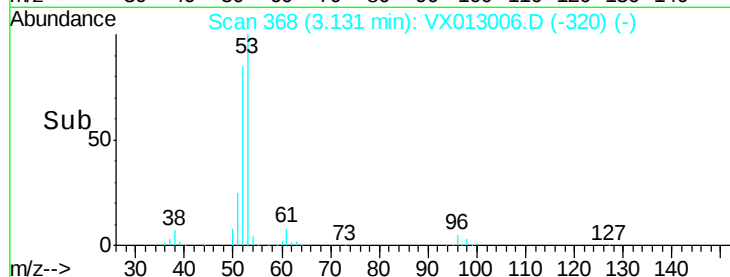
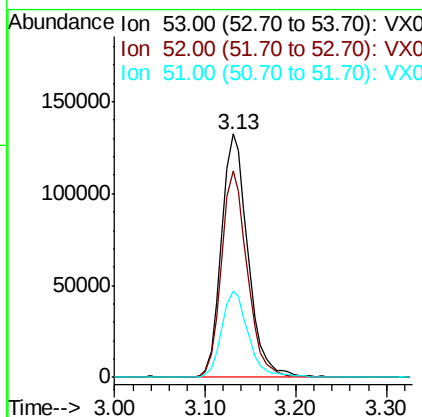
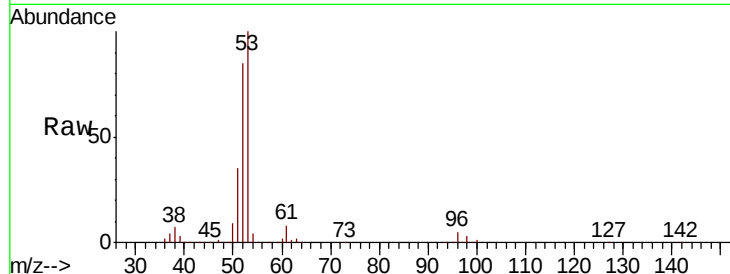
ClientSampleId :

FA19-JMW1964MS

Tot Ion:	53	Resp:	271102
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.2	99.2
51	35.8	28.2	42.4

Manual Integrations
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10/14/2019 1:05:50 PM



#16

Acetone

Concen: 216.905 ug/l

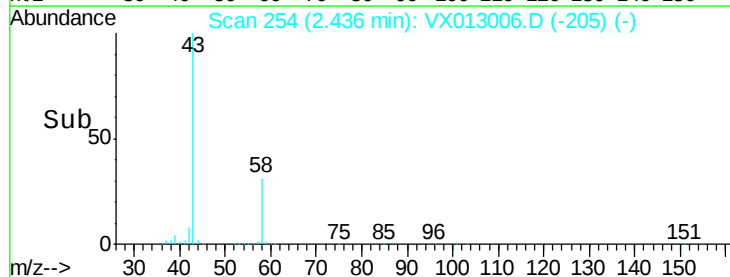
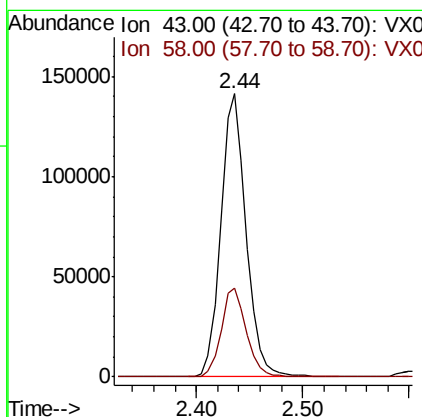
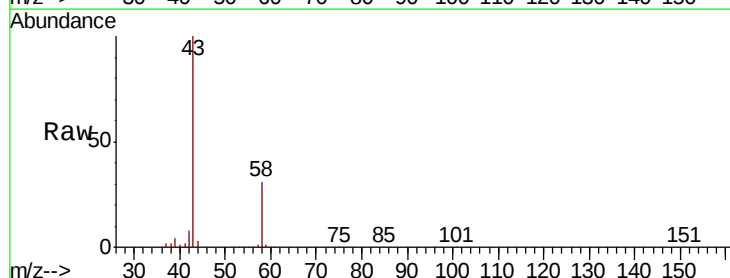
RT: 2.44 min Scan# 254

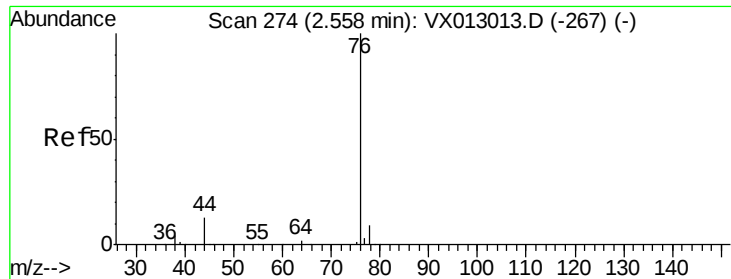
Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Tgt Ion:	43	Resp:	232249
Ion Ratio	Lower	Upper	
43	100		
58	31.3	25.4	38.2





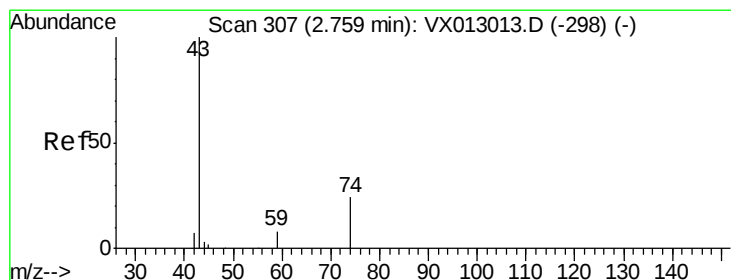
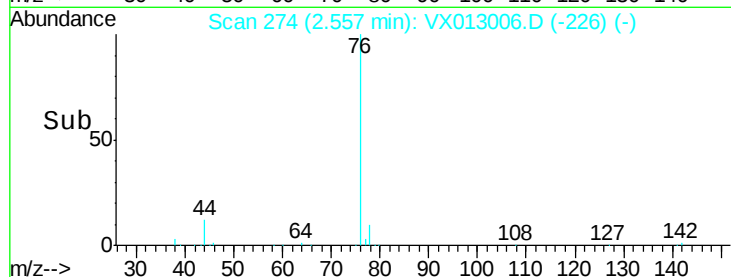
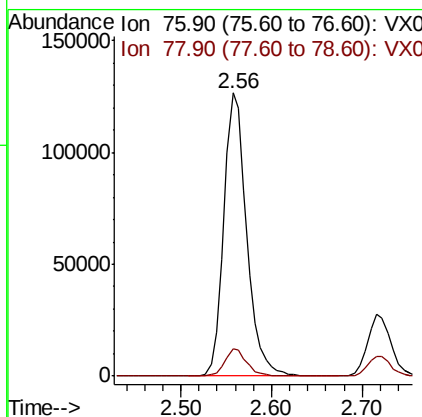
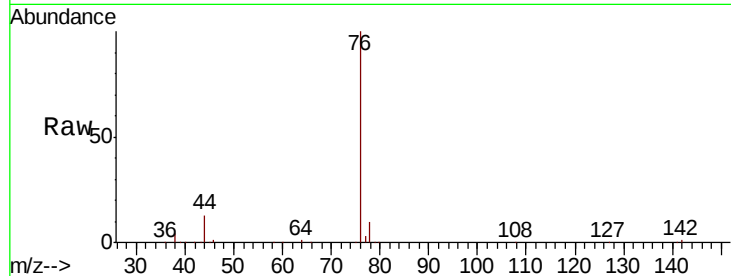
#17
Carbon Disulfide
Concen: 47.449 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.1	10.7

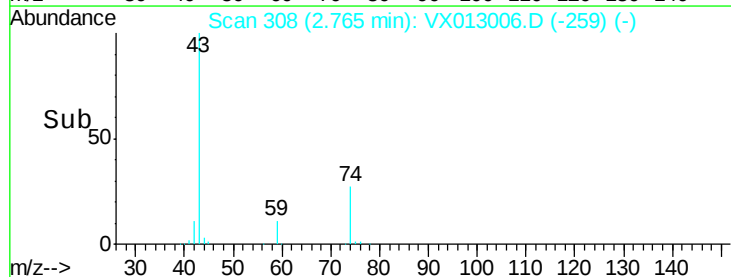
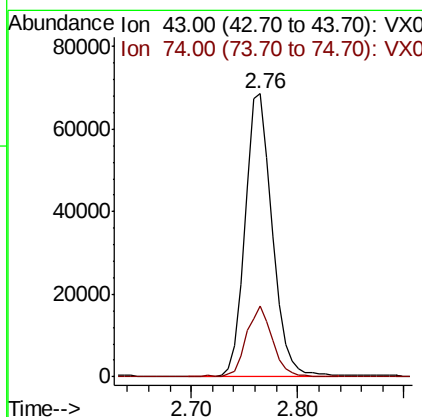
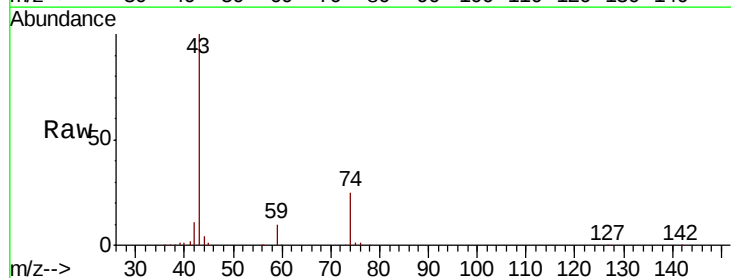
Manual Integrations
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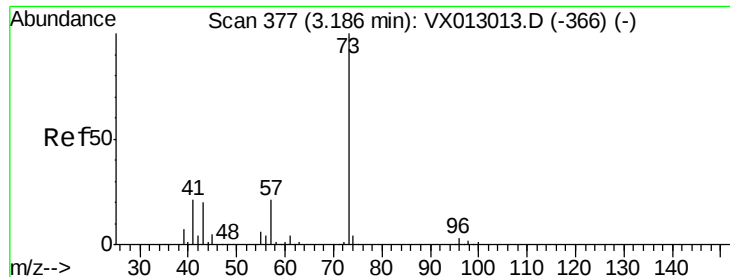
MMDadoda
10/14/2019 1:05:50 PM



#18
Methyl Acetate
Concen: 48.329 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.2	28.8





#19

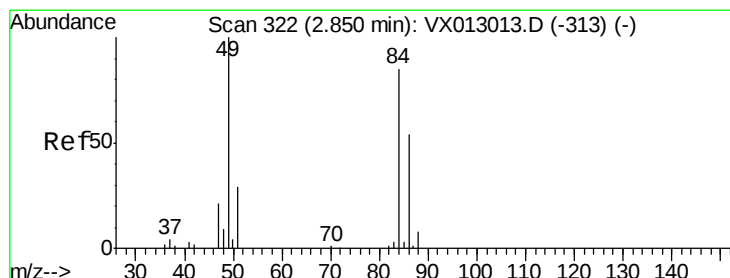
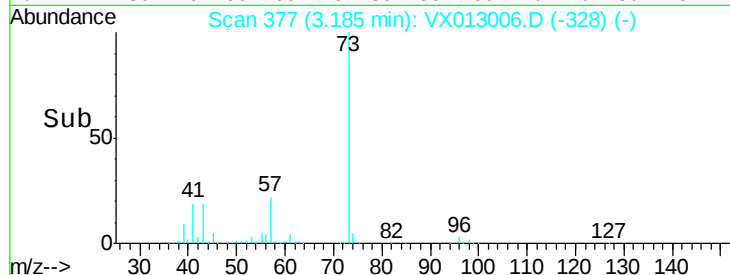
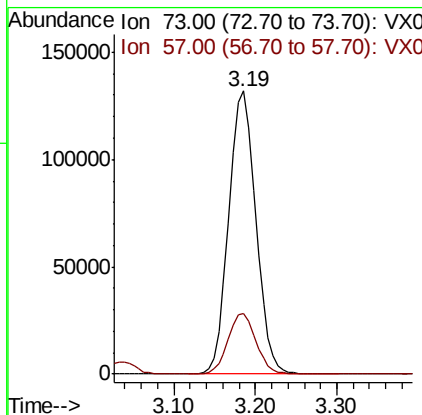
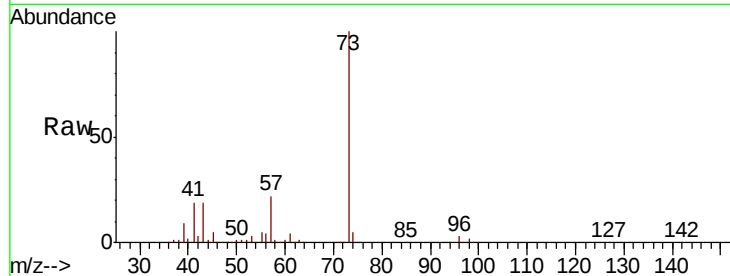
Methyl tert-butyl Ether
 Concen: 53.476 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

Tot Ion	73	Resp	303310
Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.8	26.6

Manual Integrations
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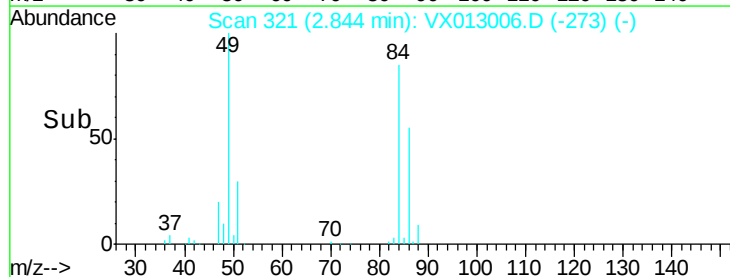
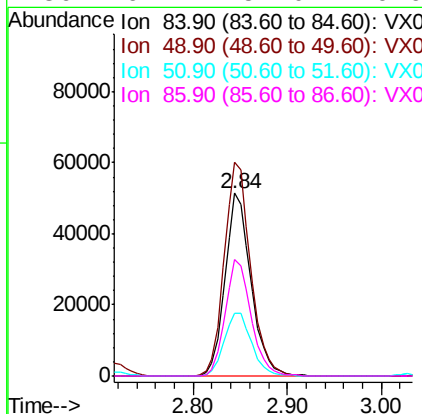
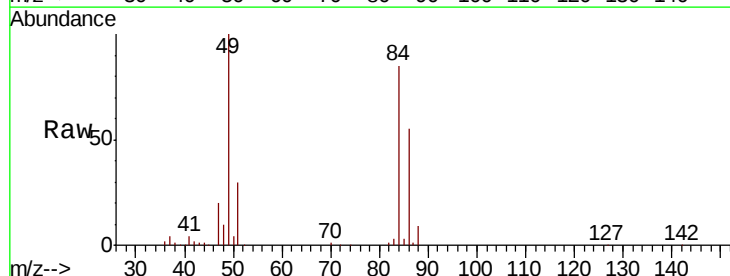
MMDadoda
 10/14/2019 1:05:50 PM

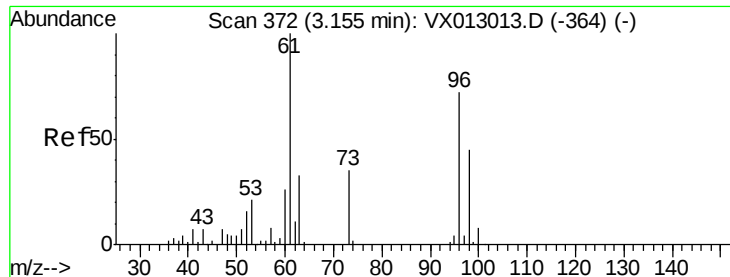


#20

Methylene Chloride
 Concen: 49.684 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion	84	Resp	97769
Ion	Ratio	Lower	Upper
84	100		
49	117.0	96.6	144.8
51	34.6	30.7	46.1
86	64.1	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 52.668 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

Tot Ion: 96 Resp: 92715

Ion Ratio Lower Upper

96 100

61 138.4 110.4 165.6

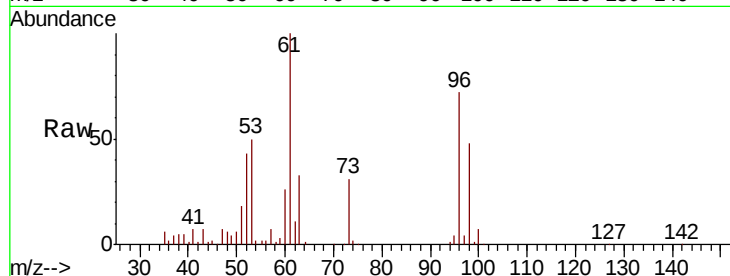
98 66.0 51.5 77.3

Manual Integrations

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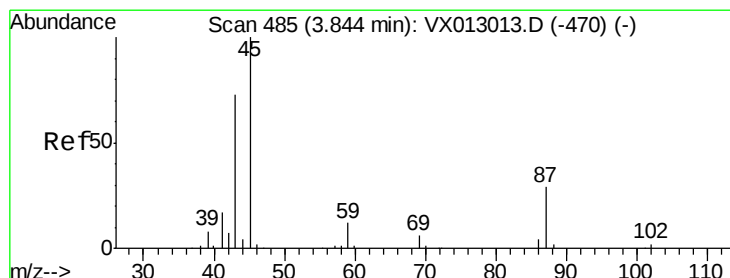
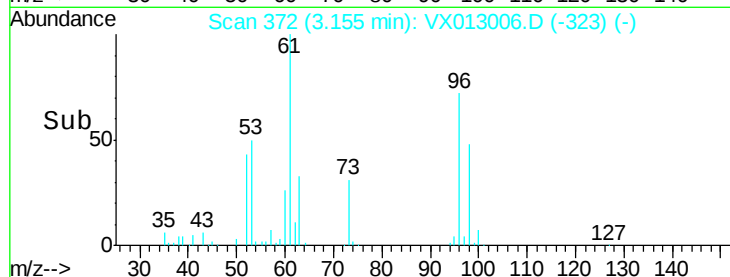
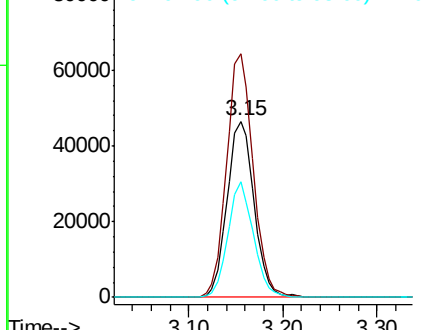


Abundance

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



#22

Diisopropyl ether

Concen: 53.260 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Tgt Ion: 45 Resp: 298505

Ion Ratio Lower Upper

45 100

43 69.5 51.4 77.0

87 28.5 22.5 33.7

59 11.8 9.7 14.5

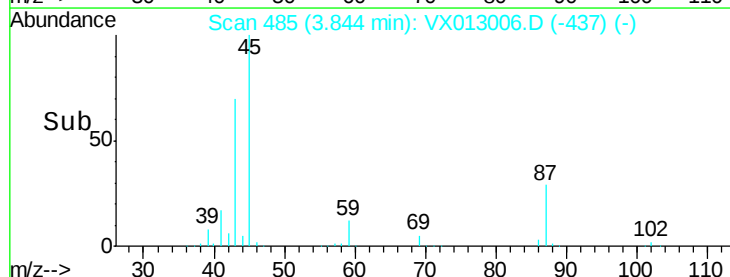
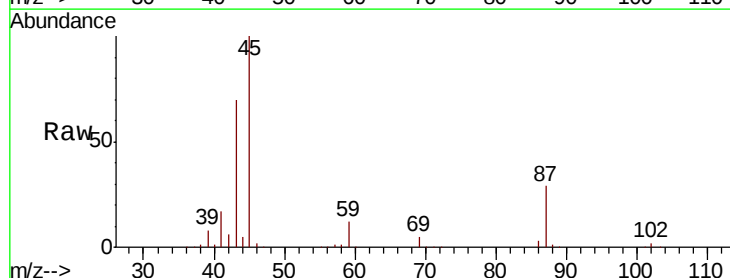
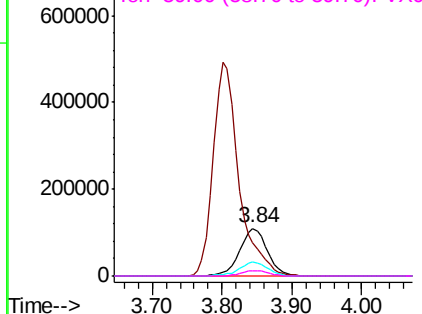
Abundance

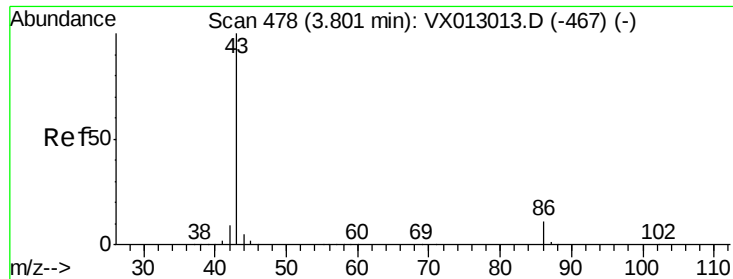
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 259.420 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

Tot Ion: 43 Resp: 1255172

Ion Ratio Lower Upper

43 100

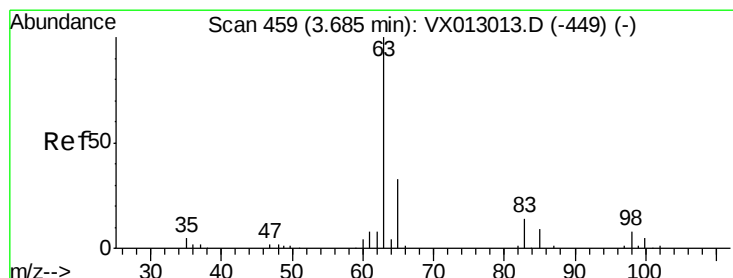
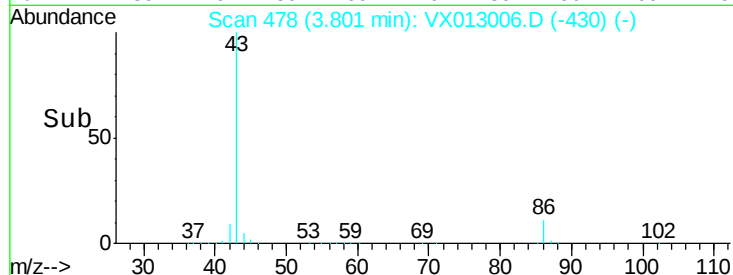
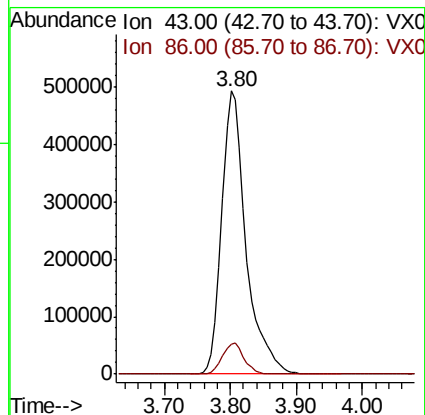
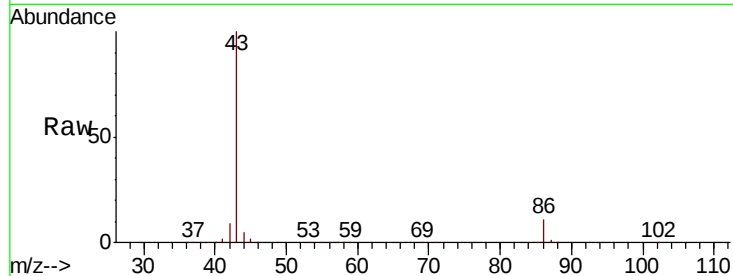
86 10.8 9.0 13.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 53.109 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

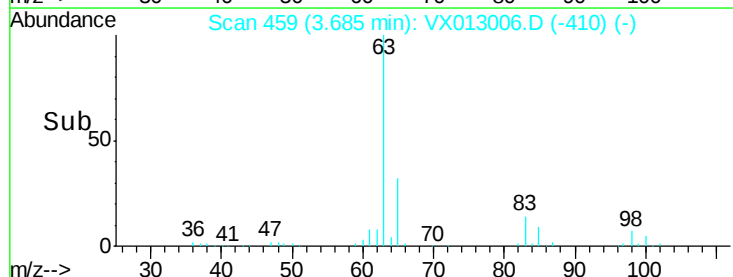
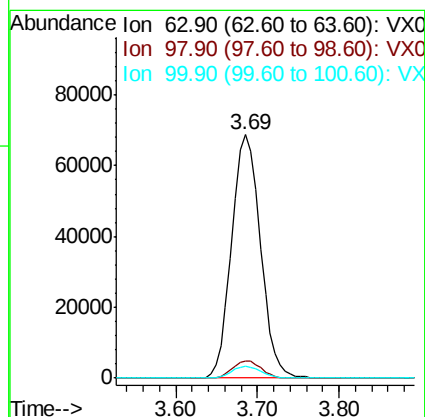
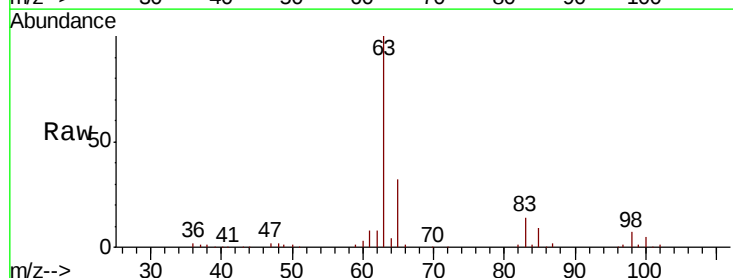
Tgt Ion: 63 Resp: 167456

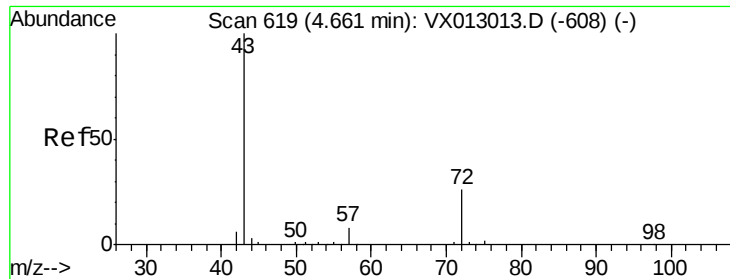
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 251.955 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

Tot Ion: 43 Resp: 374280

Ion Ratio Lower Upper

43 100

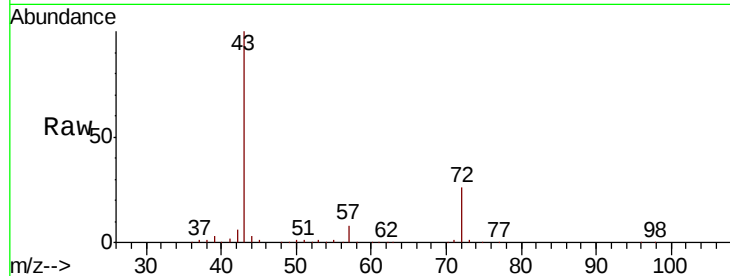
72 26.3 21.0 31.6

Manual Integrations

APPROVED

MMDadoda

10/14/2019 1:05:50 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

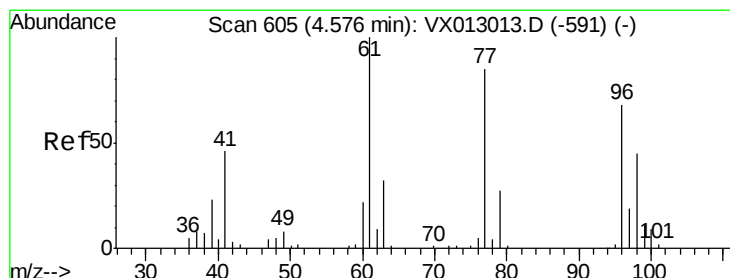
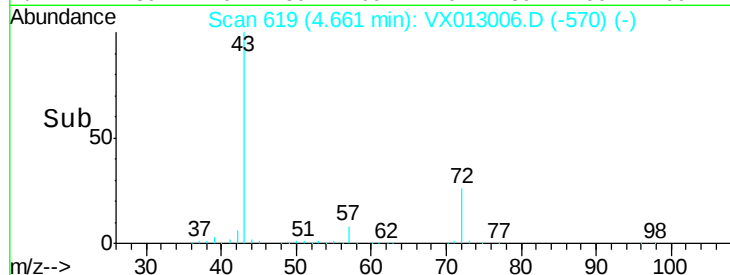
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 44.535 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013006.D

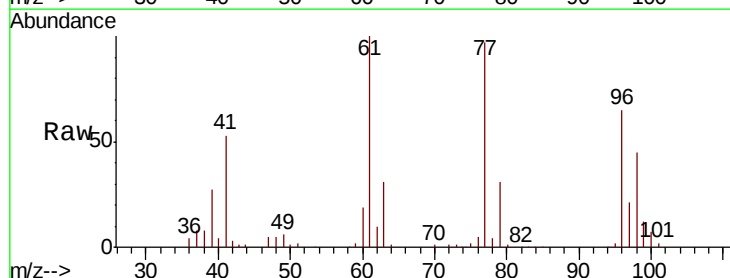
Acq: 10 Oct 2019 19:13

Tgt Ion: 77 Resp: 118081

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

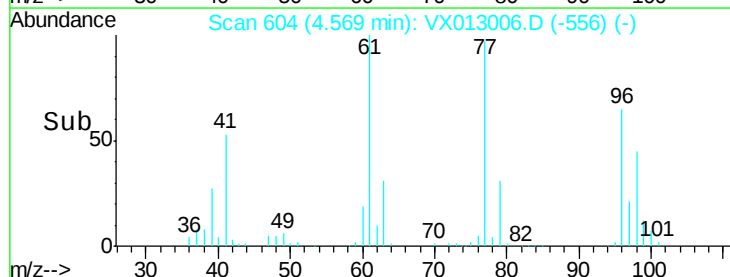
20000

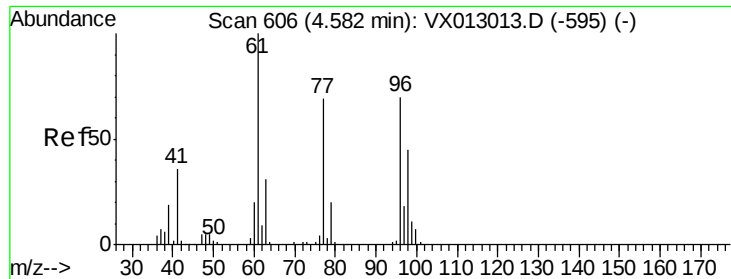
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

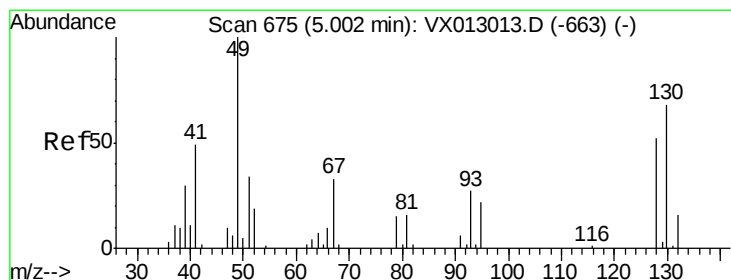
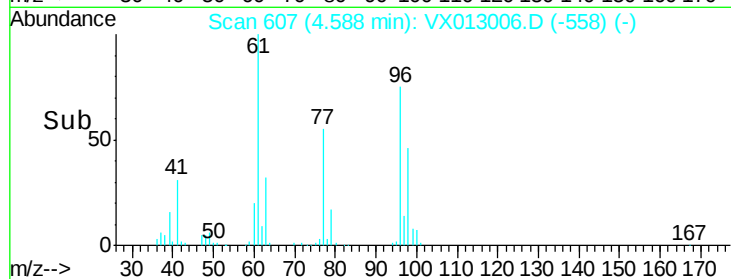
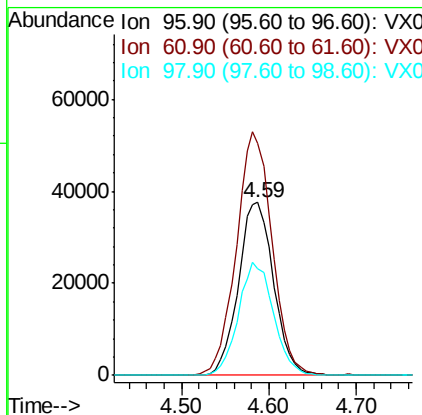
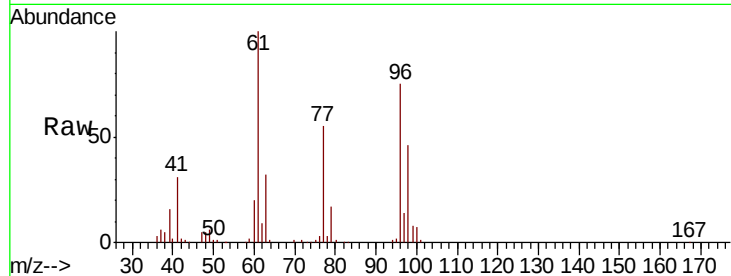
cis-1,2-Dichloroethene
Concen: 51.869 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	142.9	0.0	290.6	
98	65.1	0.0	128.8	

Manual Integrations
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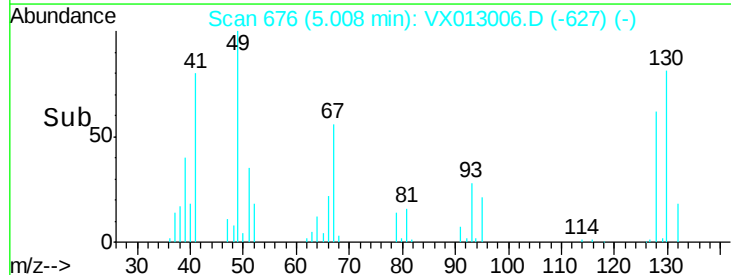
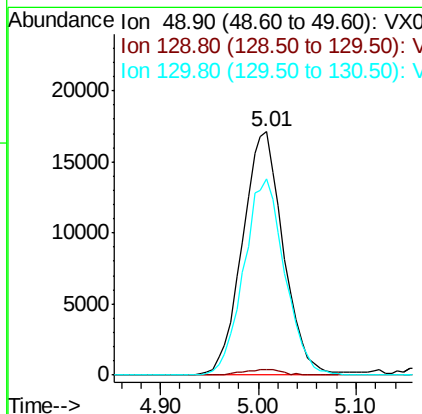
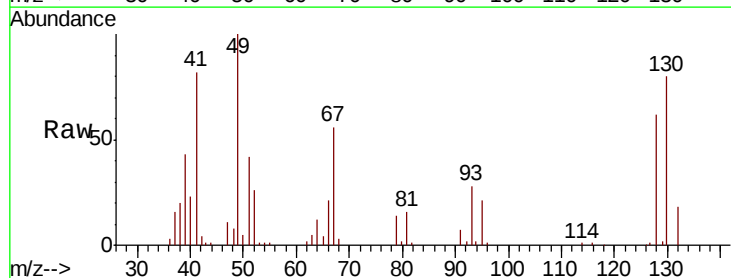
MMDadoda
10/14/2019 1:05:50 PM

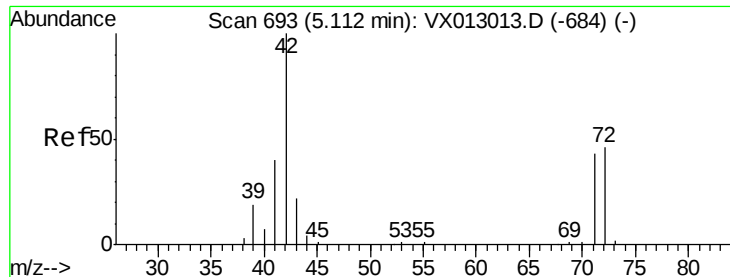


#28

Bromochloromethane
Concen: 52.685 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.2	
130	80.8	62.1	93.1	





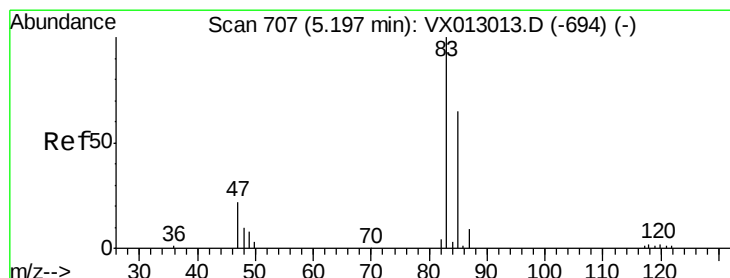
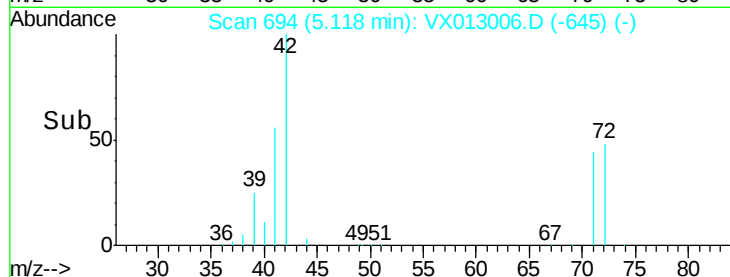
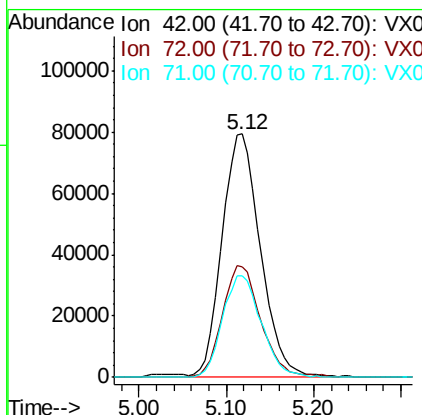
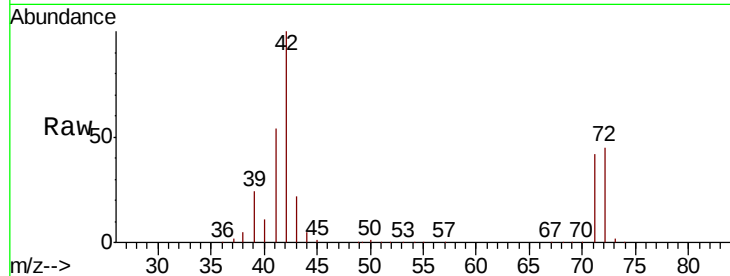
#29
Tetrahydrofuran
Concen: 262.987 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	36.9	55.3
71	42.8	33.5	50.3

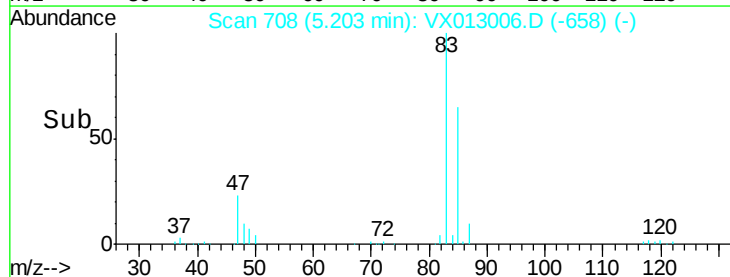
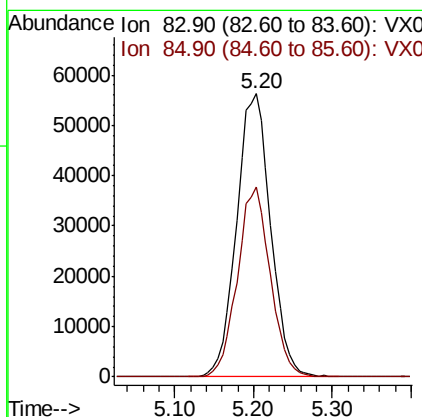
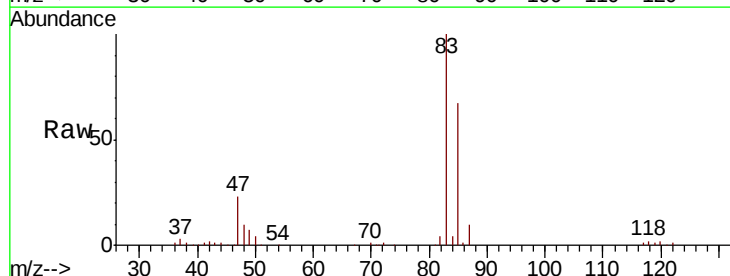
Manual Integrations
APPROVED

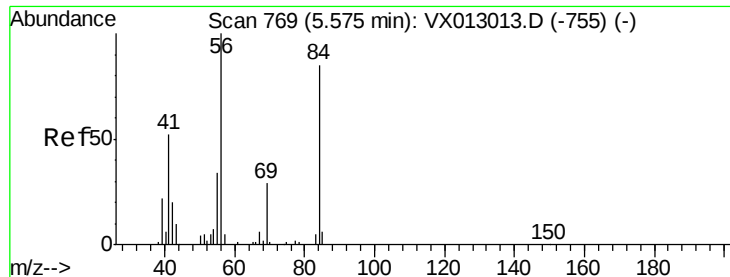
MMDadoda
10/14/2019 1:05:50 PM



#30
Chloroform
Concen: 52.203 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.3	51.5	77.3





#31

Cyclohexane

Concen: 50.347 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

Tot Ion: 56 Resp: 148441

Ion Ratio Lower Upper

56 100

69 33.7 25.2 37.8

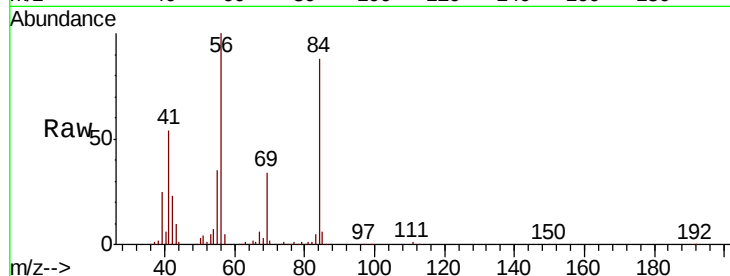
84 86.2 71.3 106.9

Manual Integrations

APPROVED

MMDadoda

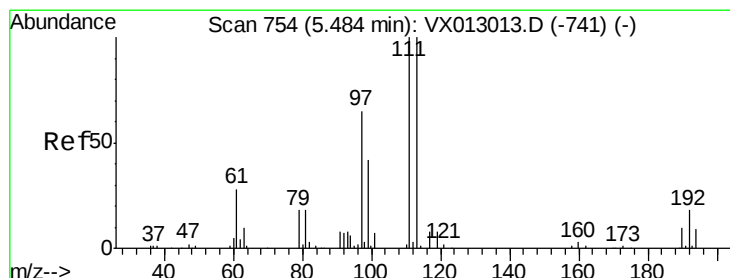
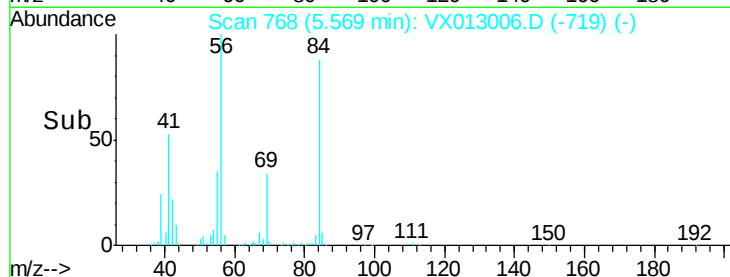
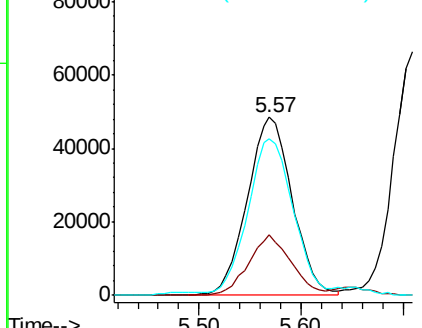
10/14/2019 1:05:50 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 54.177 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

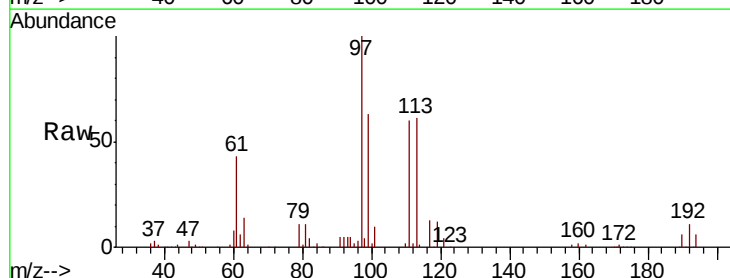
Tgt Ion: 97 Resp: 148514

Ion Ratio Lower Upper

97 100

99 63.3 52.3 78.5

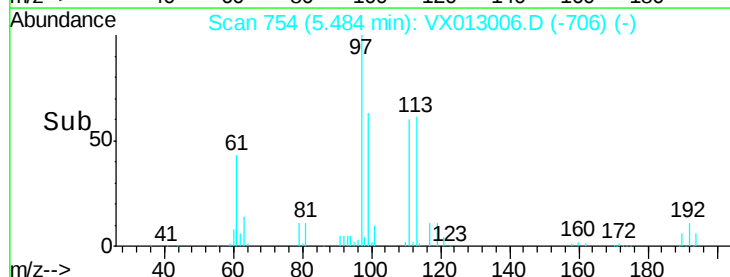
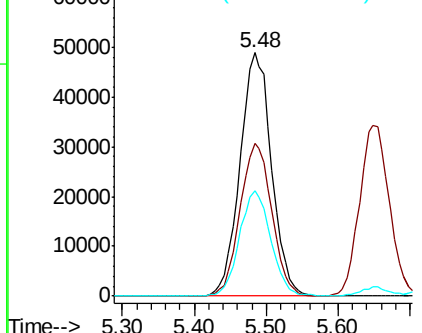
61 43.1 35.0 52.4



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





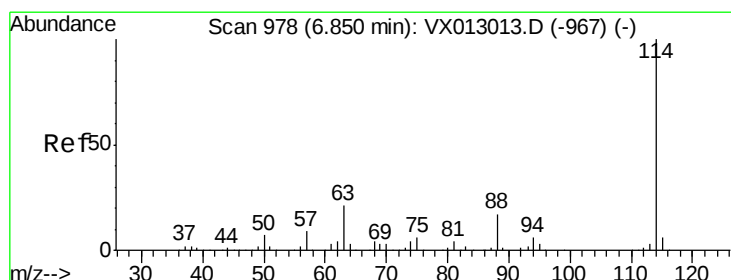
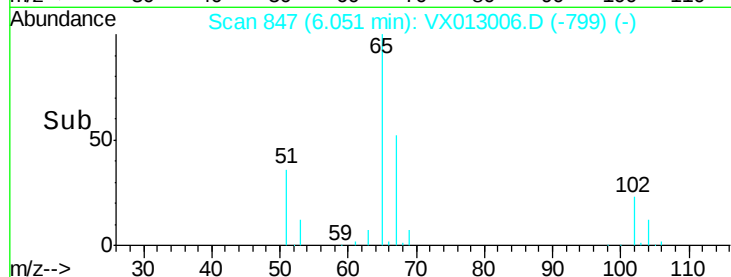
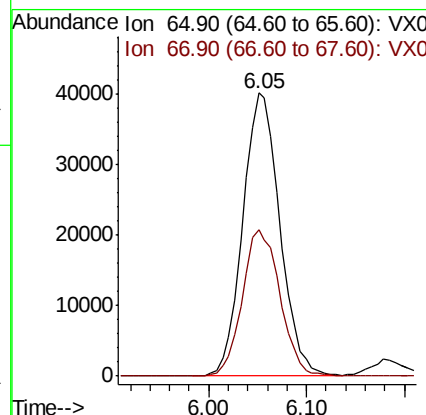
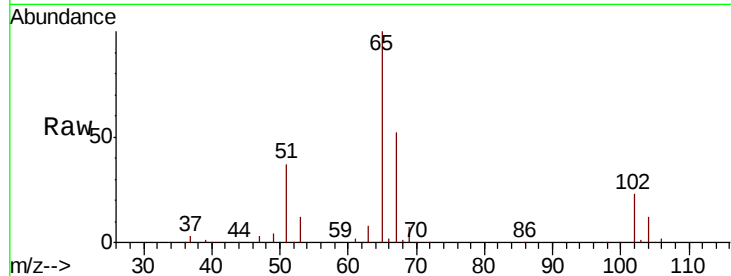
#33
 1,2-Dichloroethane-d4
 Concen: 51.792 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.4

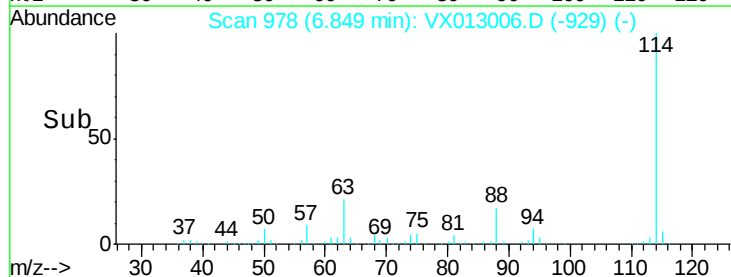
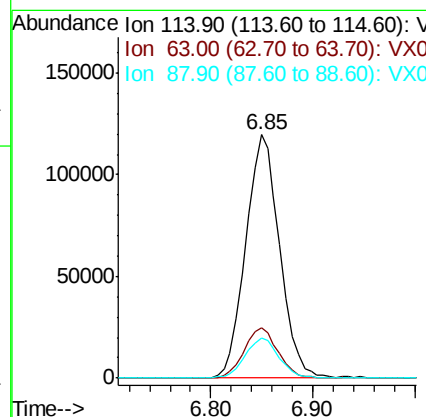
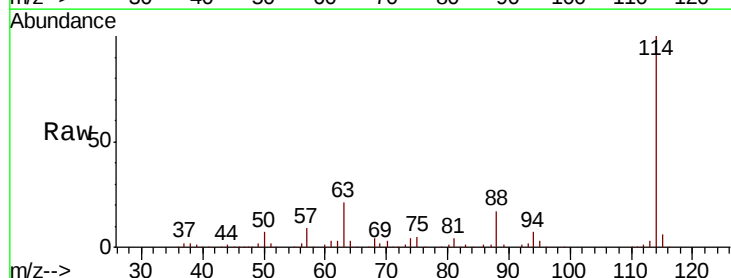
Manual Integrations
 APPROVED

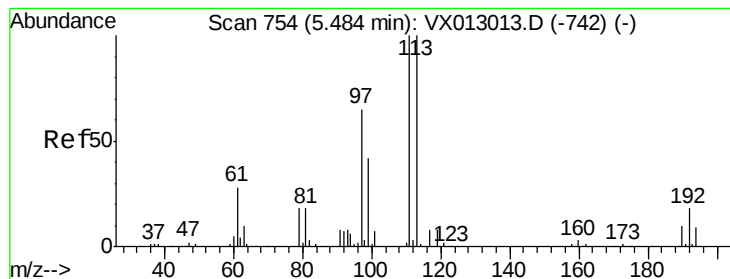
MMDadoda
 10/14/2019 1:05:50 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.8
88	16.7	0.0	33.8





#35

Dibromofluoromethane

Concen: 52.244 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

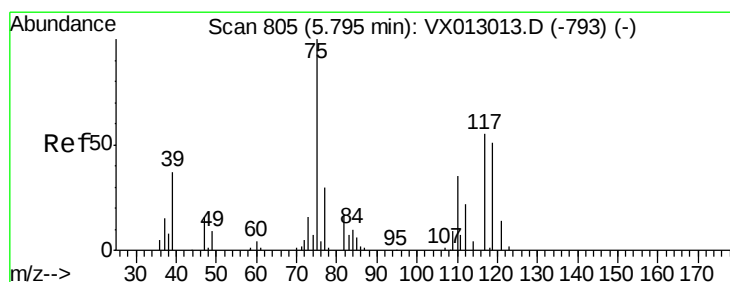
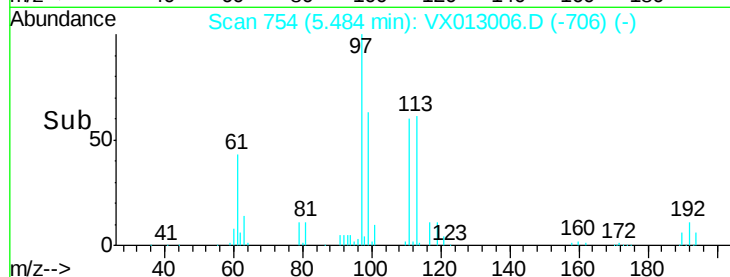
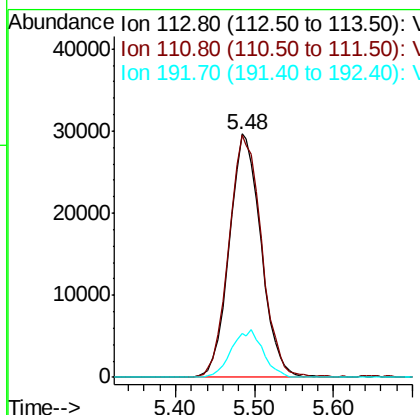
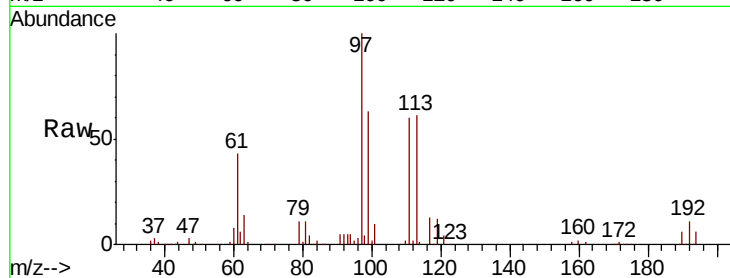
ClientSampleId :

FA19-JMW1964MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	82839		
111	102.8		83.2	124.8
192	19.5		15.4	23.2

Manual Integrations
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MMDadoda
10/14/2019 1:05:50 PM



#36

1,1-Dichloropropene

Concen: 51.176 ug/l

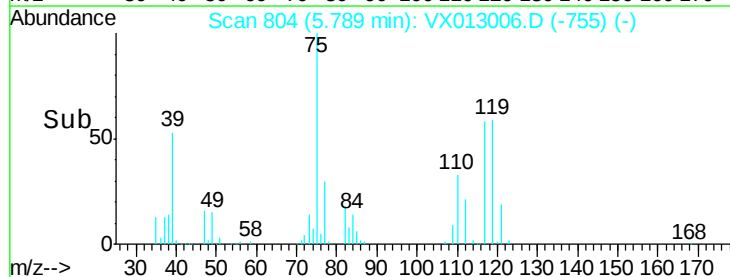
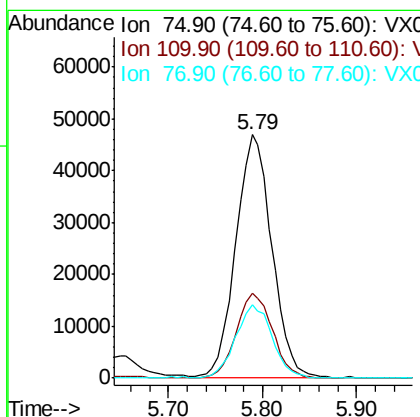
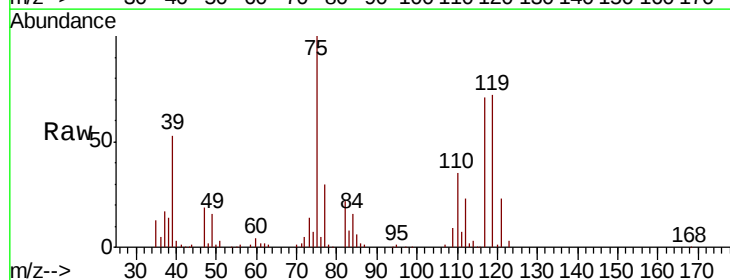
RT: 5.79 min Scan# 804

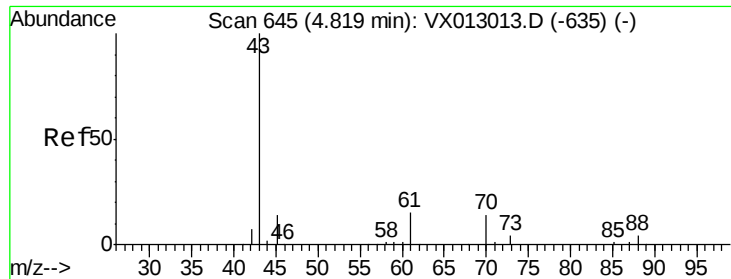
Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	124304		
110	35.2		17.6	52.9
77	30.8		24.4	36.6





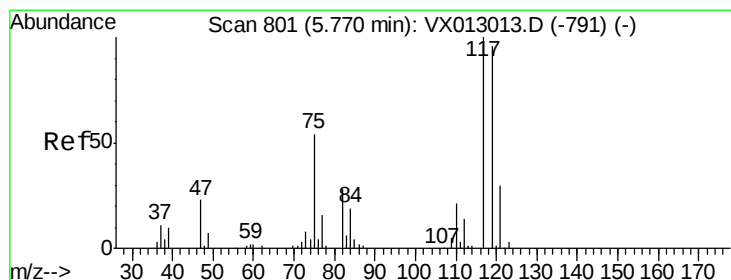
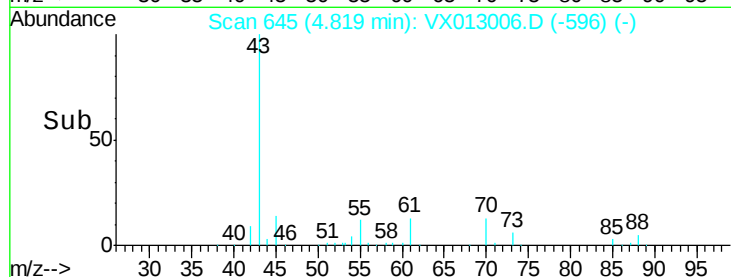
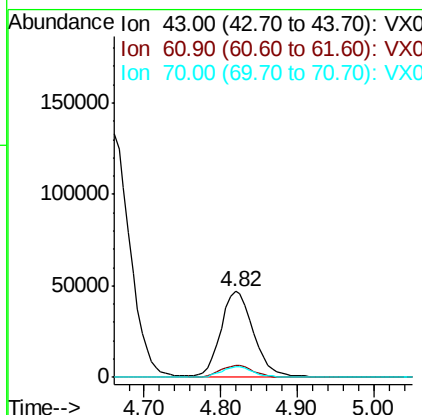
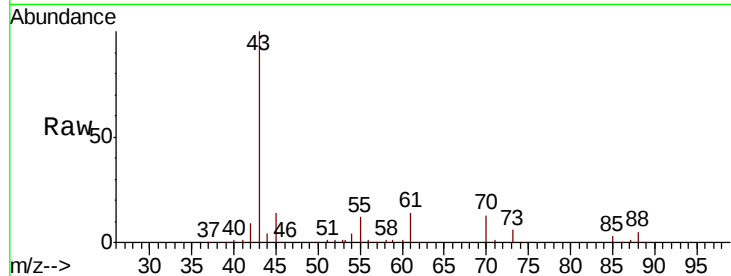
#37
Ethyl Acetate
Concen: 51.111 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.4	17.0
70	11.8	9.8	14.6

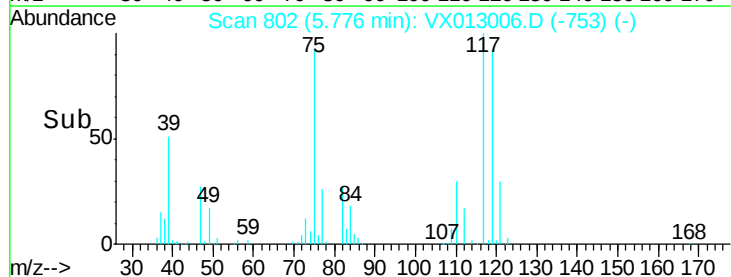
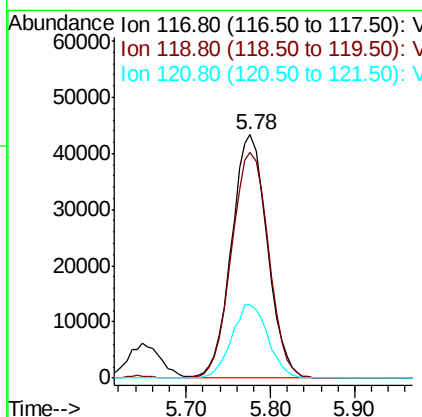
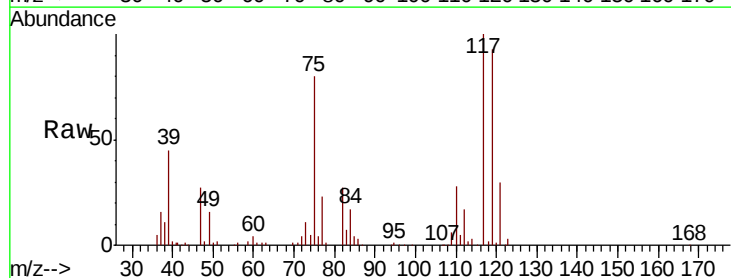
Manual Integrations
APPROVED

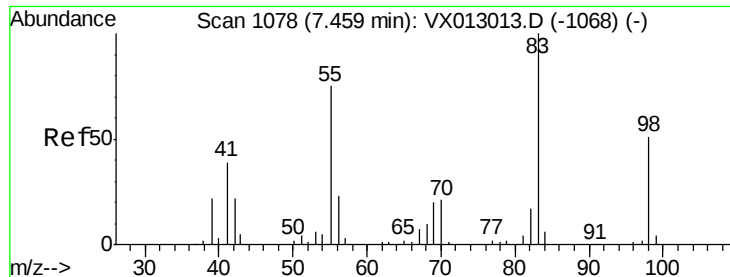
MMDadoda
10/14/2019 1:05:50 PM



#38
Carbon Tetrachloride
Concen: 52.745 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	74.5	111.7
121	30.3	24.2	36.4





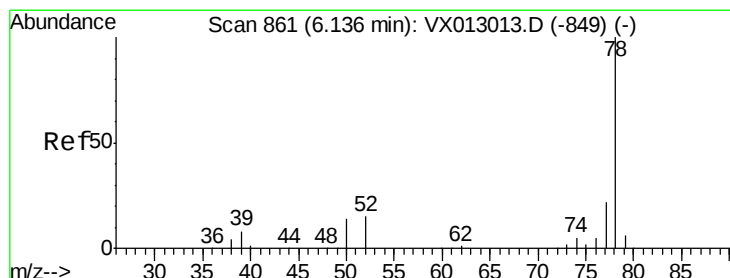
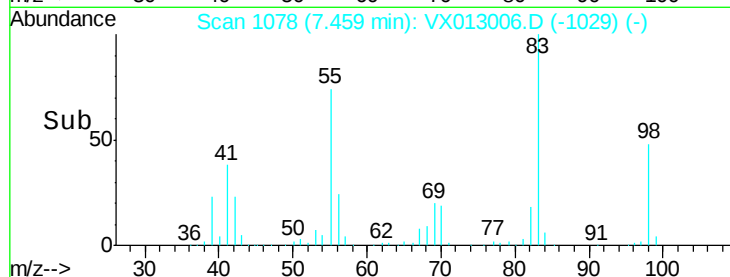
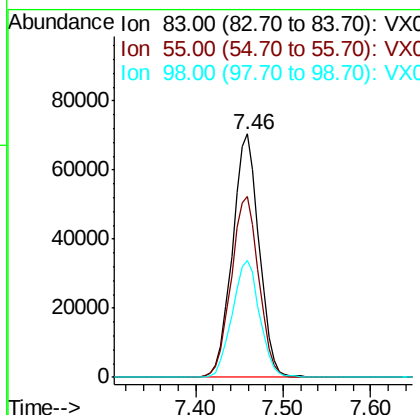
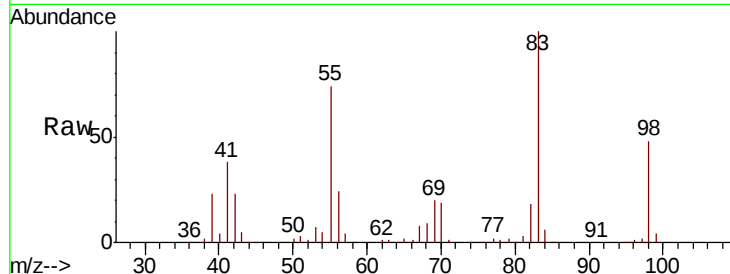
#39
Methvlcvclohexane
Concen: 50.848 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Tot Ion	83	Resp	149781
Ion	Ratio	Lower	Upper
83	100		
55	74.1	60.2	90.4
98	48.1	38.5	57.7

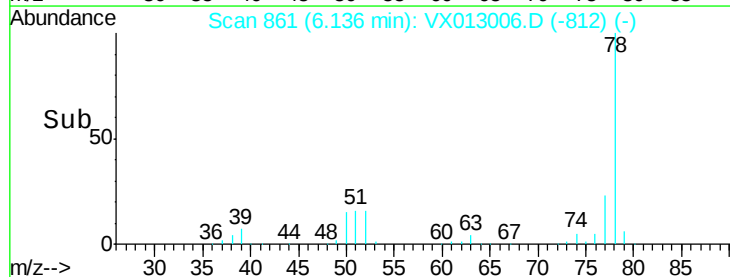
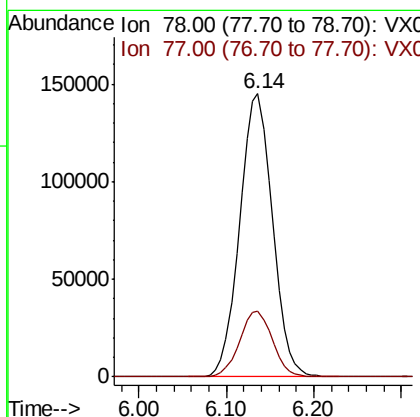
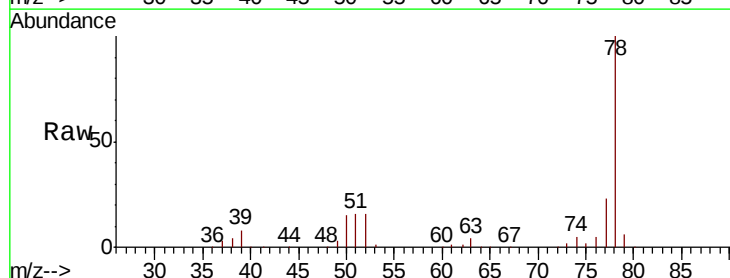
Manual Integrations
APPROVED

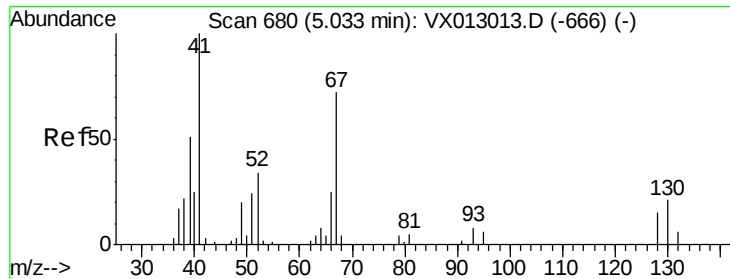
MMDadoda
10/14/2019 1:05:50 PM



#40
Benzene
Concen: 52.762 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion	78	Resp	378511
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4





#41

Methacrylonitrile

Concen: 52.353 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

Tot Ion: 41 Resp: 78133

Ion Ratio Lower Upper

41 100

39 53.9 44.0 66.0

67 73.6 58.5 87.7

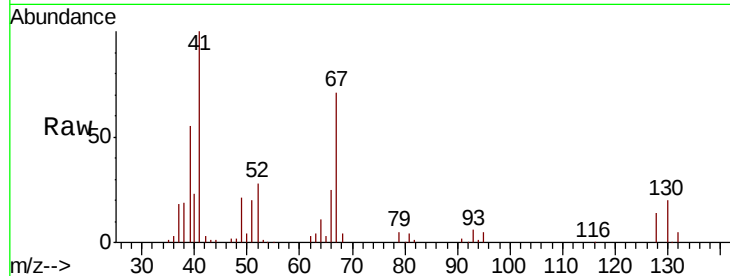
52 30.0 23.8 35.8

Manual Integrations

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MMDadoda

10/14/2019 1:05:50 PM

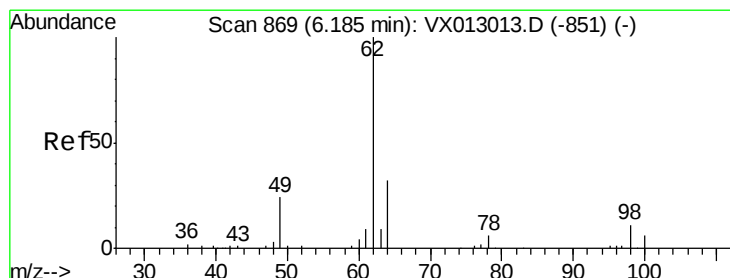
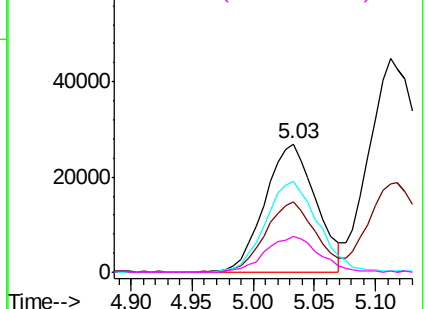
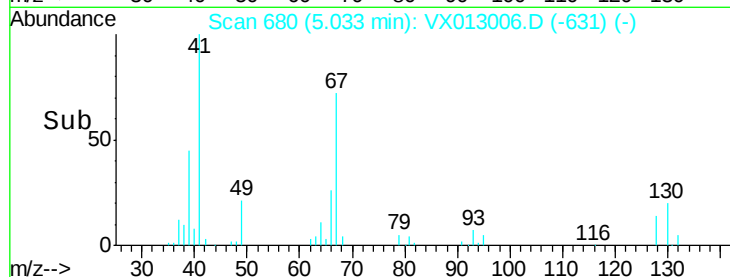


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 53.064 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013006.D

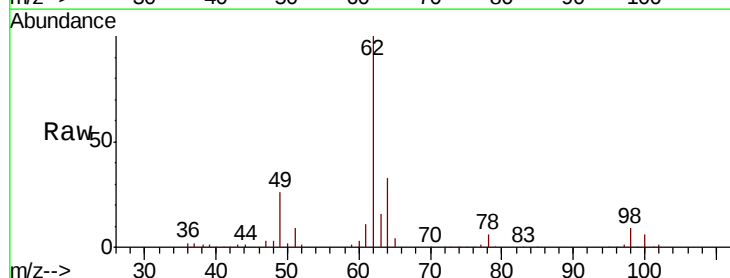
Acq: 10 Oct 2019 19:13

Tgt Ion: 62 Resp: 136599

Ion Ratio Lower Upper

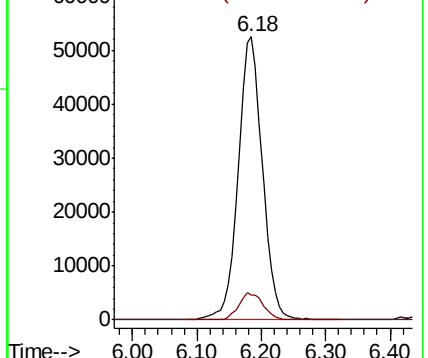
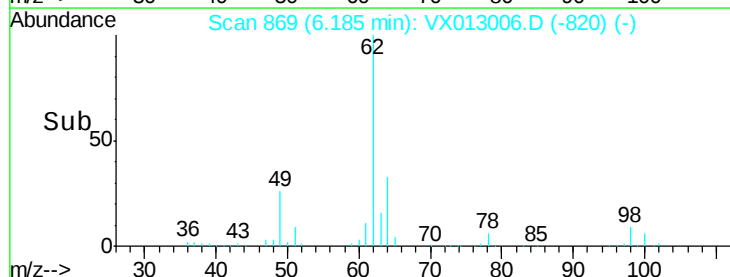
62 100

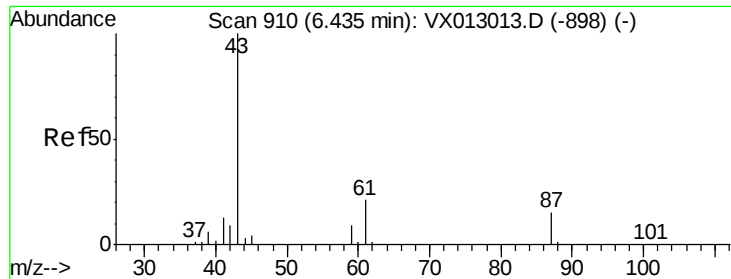
98 9.5 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

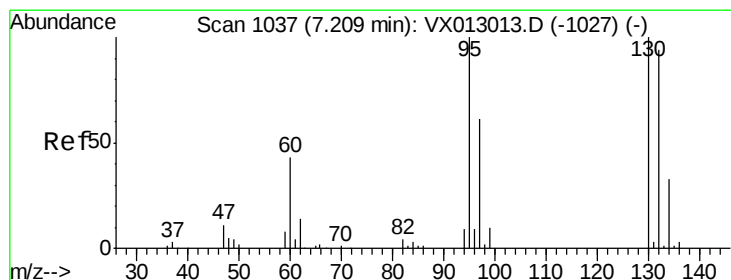
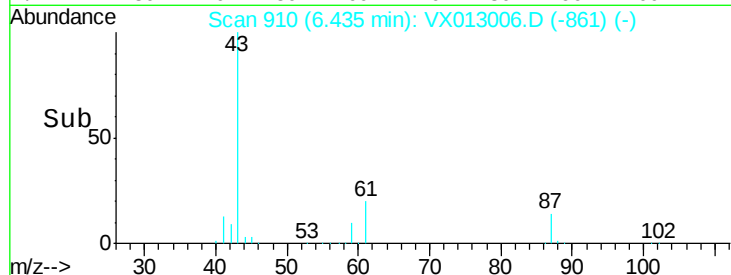
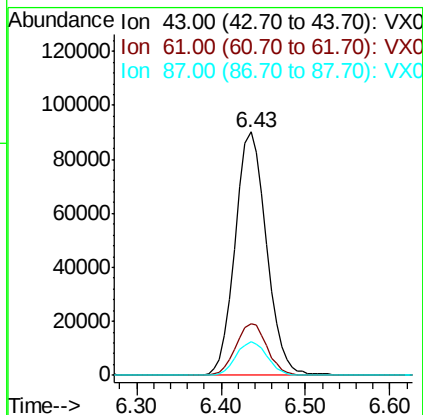
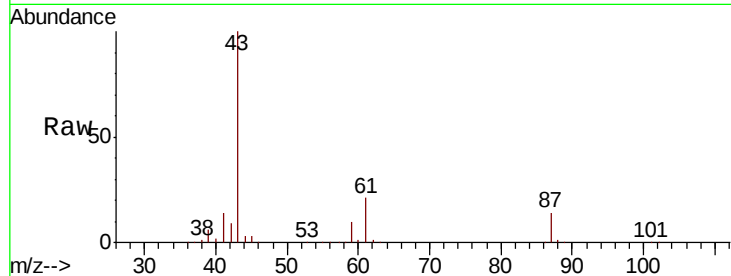
Isopropyl Acetate
 Concen: 51.736 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.6	24.8
87	13.9	11.0	16.6

Manual Integrations
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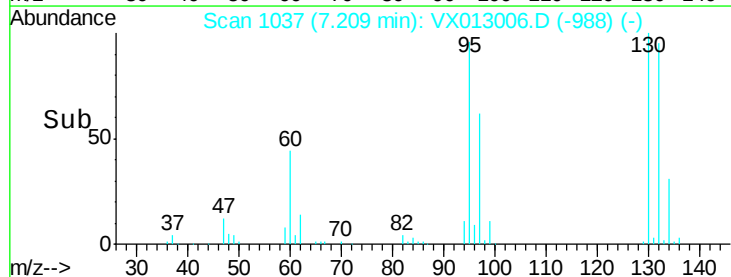
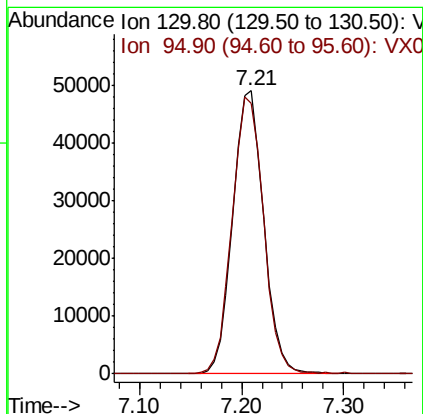
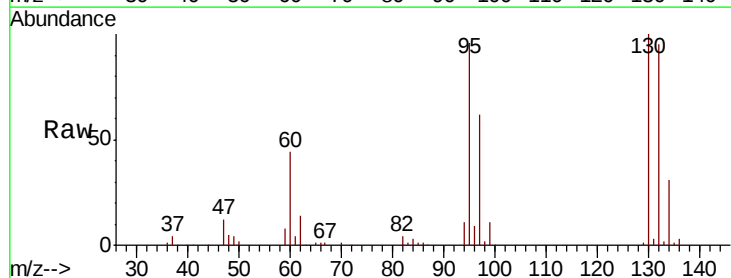
MMDadoda
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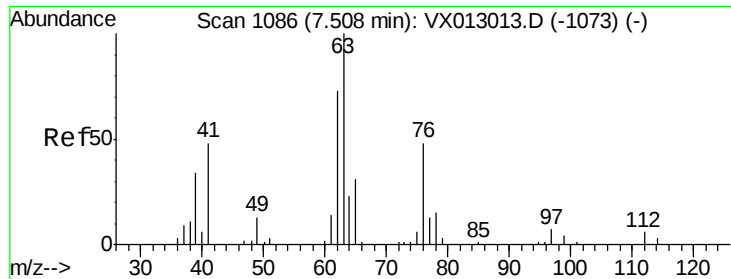


#44

Trichloroethene
 Concen: 51.641 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	189.2





#45

1,2-Dichloropropane

Concen: 53.349 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

Tot Ion: 63 Resp: 97543

Ion Ratio Lower Upper

63 100

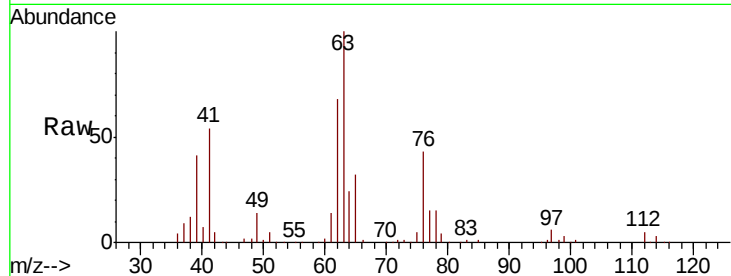
65 31.5 24.6 37.0

Manual Integrations

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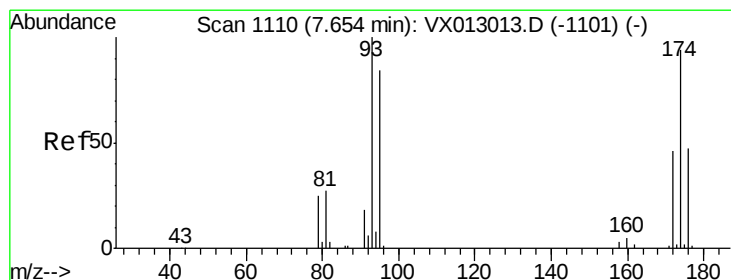
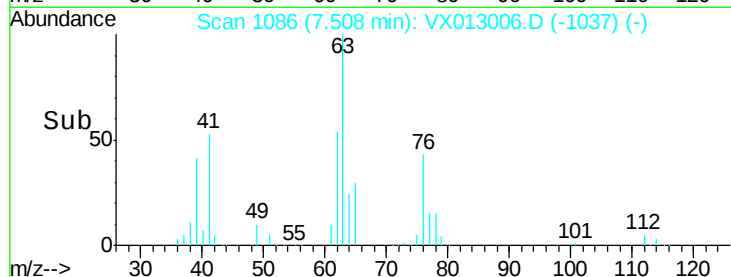
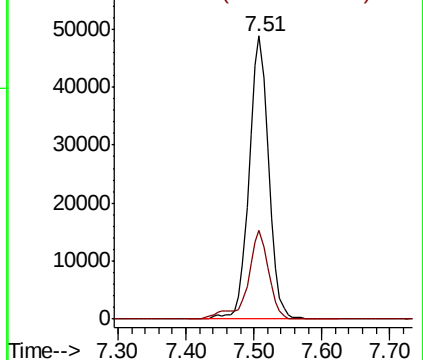
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.618 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

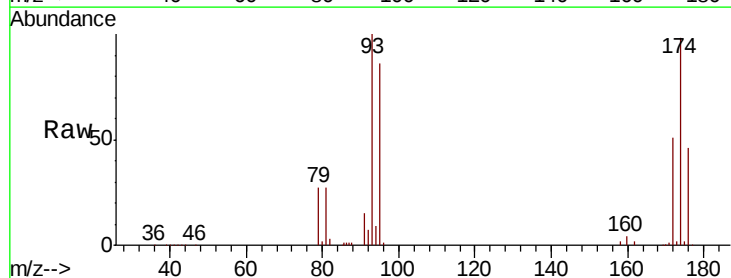
Tgt Ion: 93 Resp: 65317

Ion Ratio Lower Upper

93 100

95 83.3 66.3 99.5

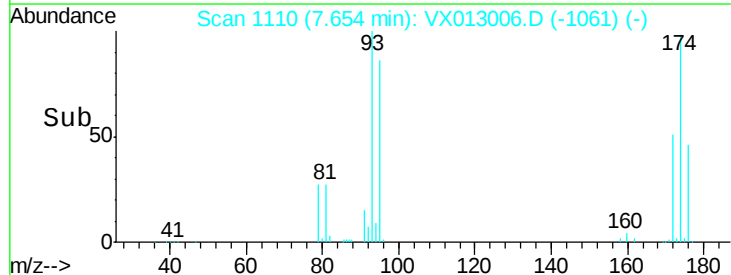
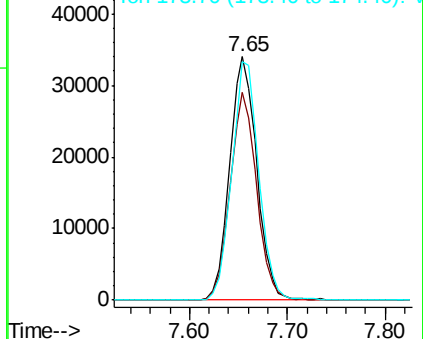
174 97.8 77.8 116.6

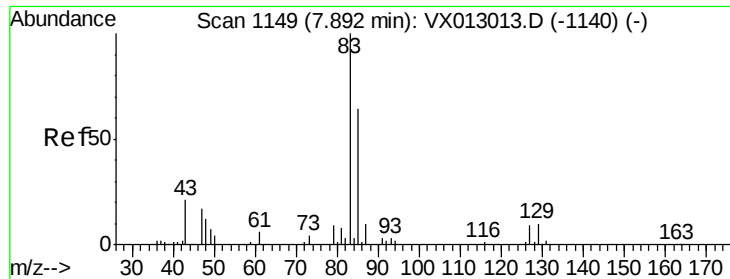


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.055 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

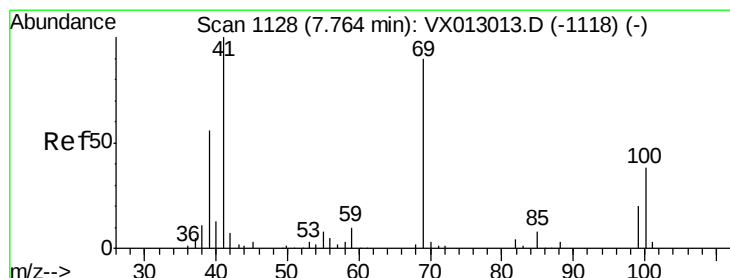
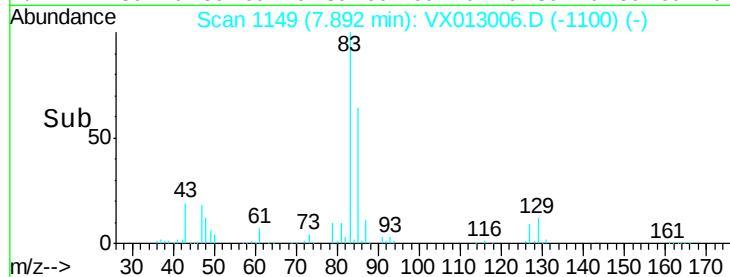
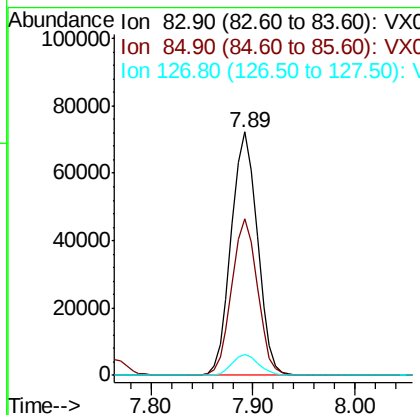
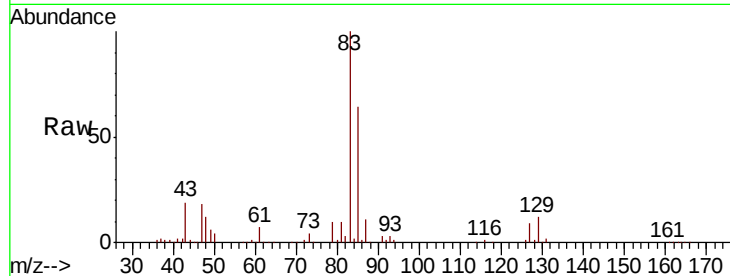
ClientSampleId :

FA19-JMW1964MS

Tot Ion:	83	Resp:	128504
Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.4	78.6
127	8.7	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.960 ug/l

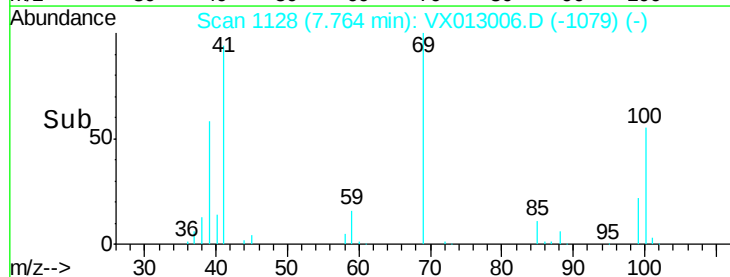
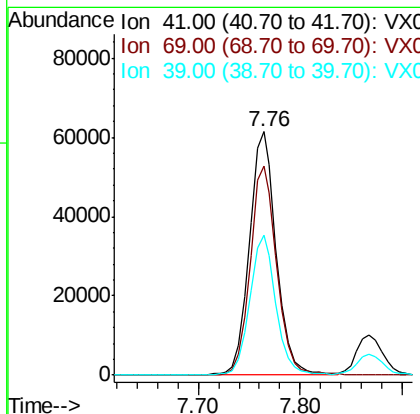
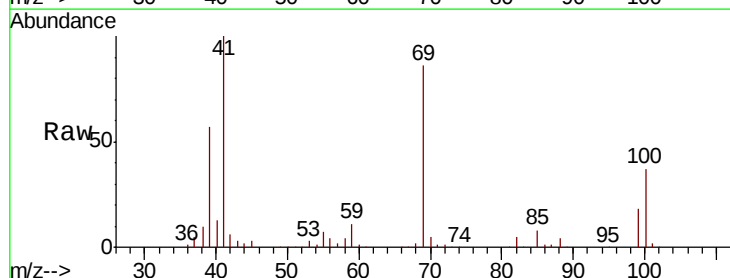
RT: 7.76 min Scan# 1128

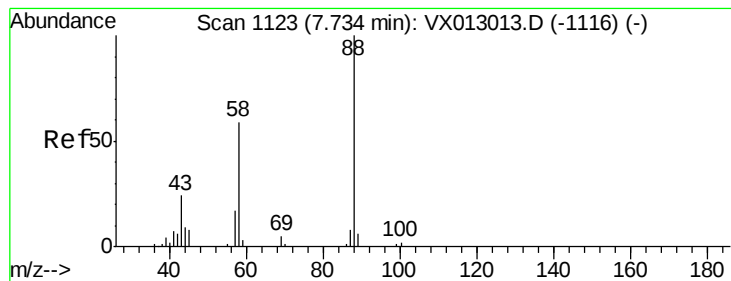
Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Tgt Ion:	41	Resp:	112506
Ion	Ratio	Lower	Upper
41	100		
69	85.3	68.7	103.1
39	56.1	44.3	66.5





#49

1,4-Dioxane

Concen: 1003.980 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

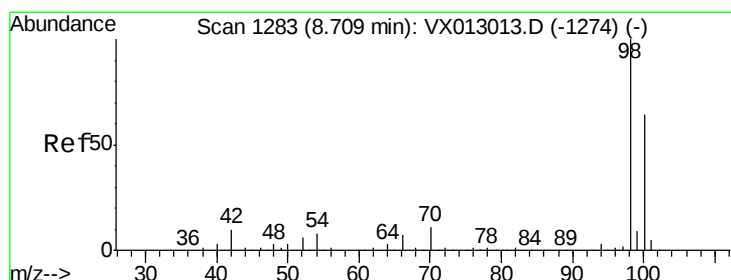
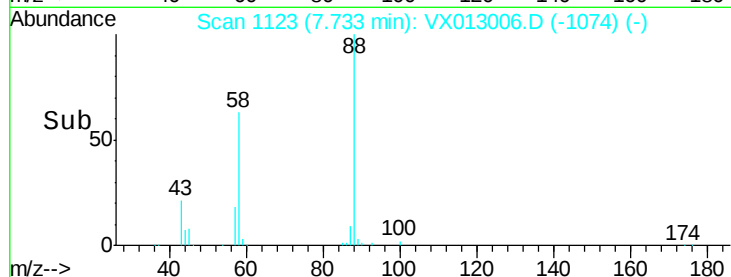
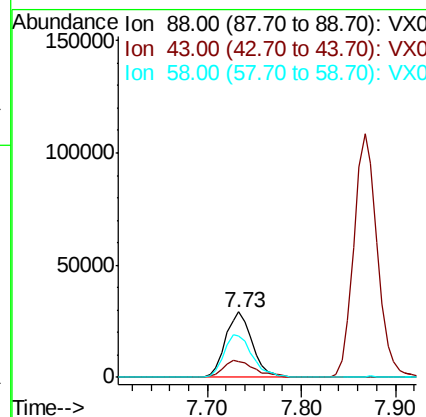
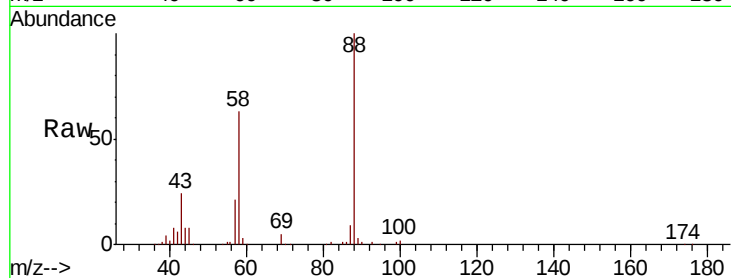
ClientSampleId :

FA19-JMW1964MS

Tot Ion:	88	Resp:	57243
Ion	Ratio	Lower	Upper
88	100		
43	31.0	25.0	37.6
58	69.0	55.4	83.2

Manual Integrations
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#50

Toluene-d8

Concen: 51.478 ug/l

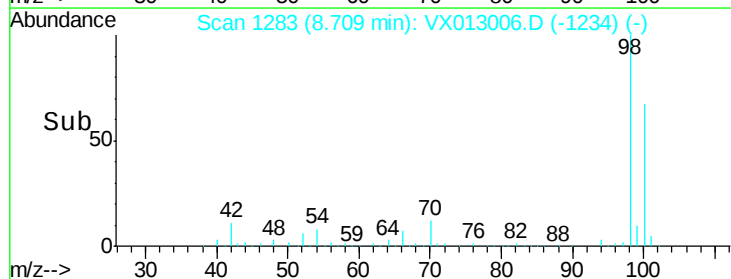
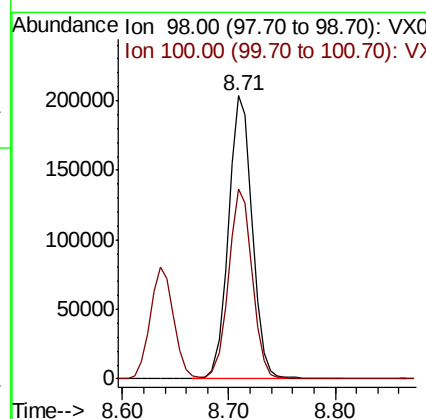
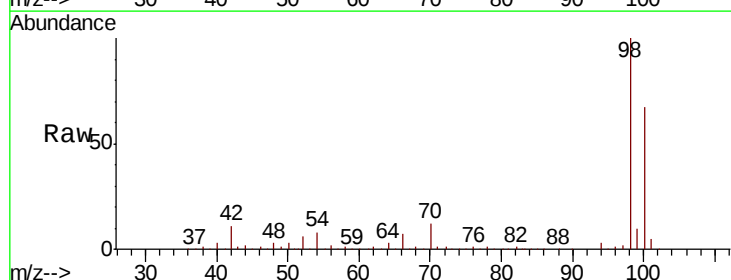
RT: 8.71 min Scan# 1283

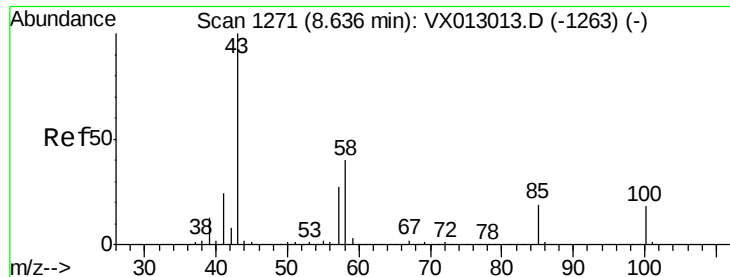
Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Tgt Ion:	98	Resp:	318357
Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 268.536 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

Tot Ion: 43 Resp: 729863

Ion Ratio Lower Upper

43 100

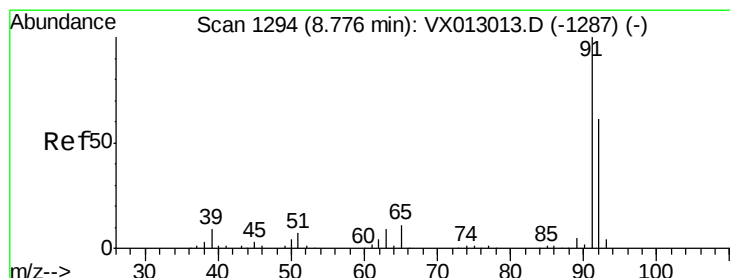
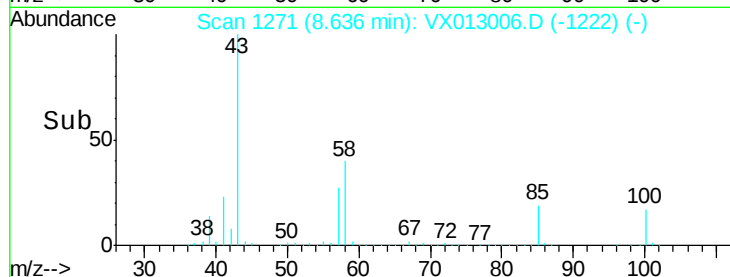
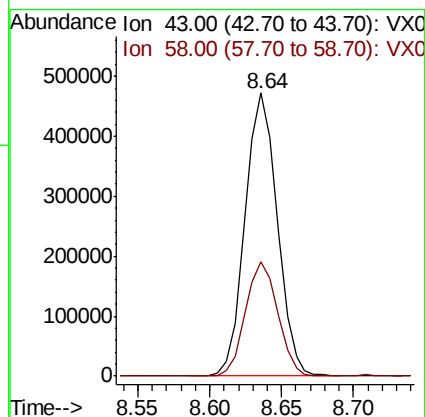
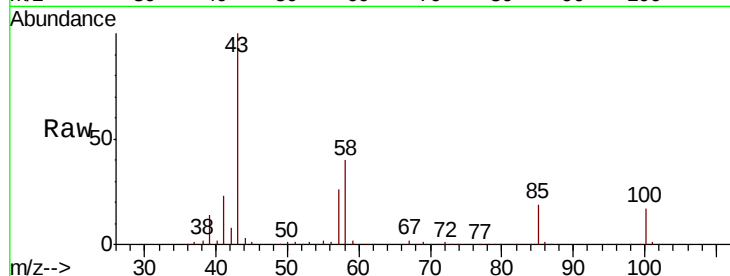
58 40.5 32.4 48.6

Manual Integrations

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#52

Toluene

Concen: 53.125 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013006.D

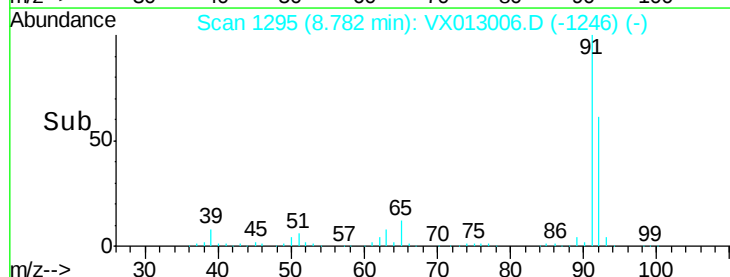
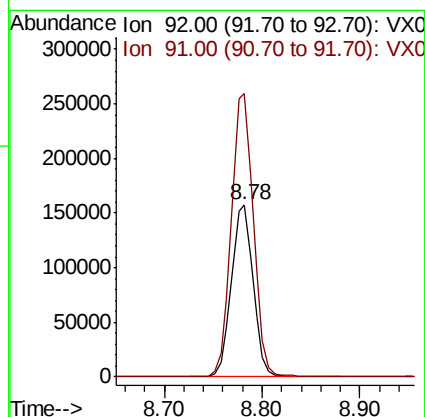
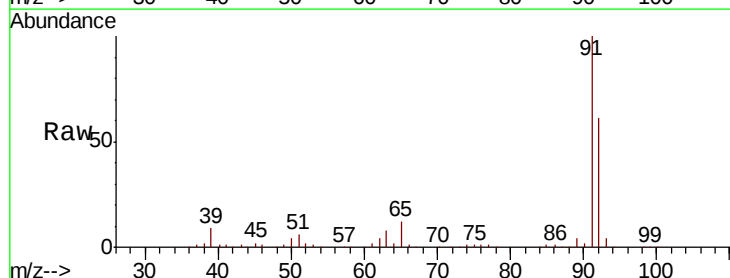
Acq: 10 Oct 2019 19:13

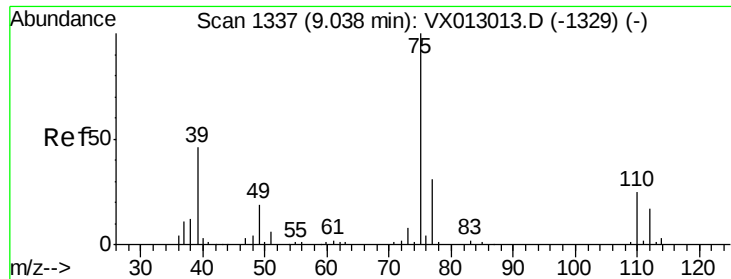
Tgt Ion: 92 Resp: 243819

Ion Ratio Lower Upper

92 100

91 166.2 135.9 203.9





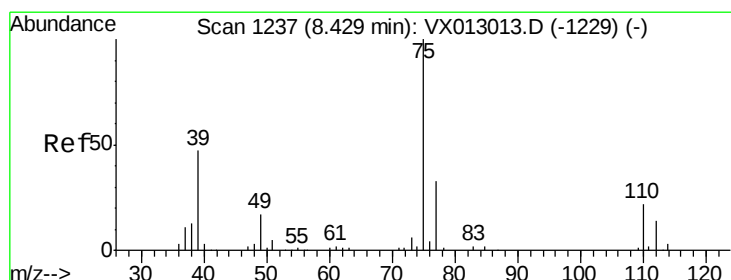
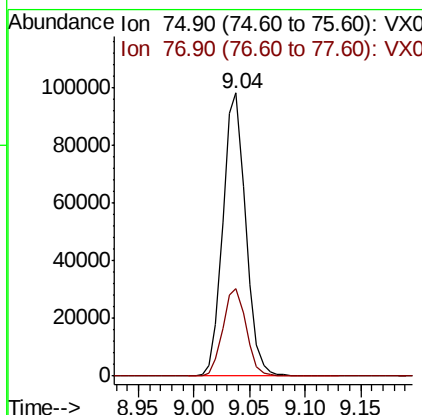
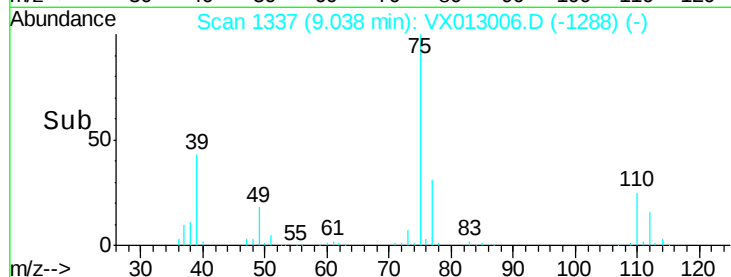
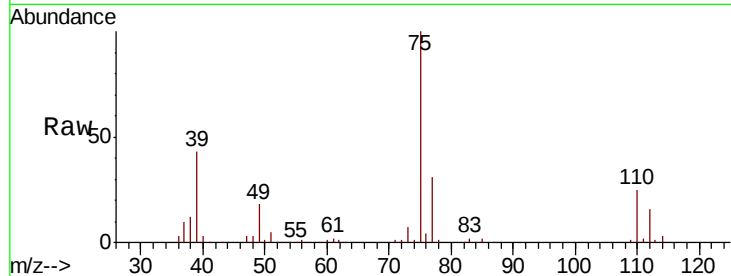
#53
t-1,3-Dichloropropene
Concen: 47.273 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Tot Ion: 75 Resp: 139882
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.6

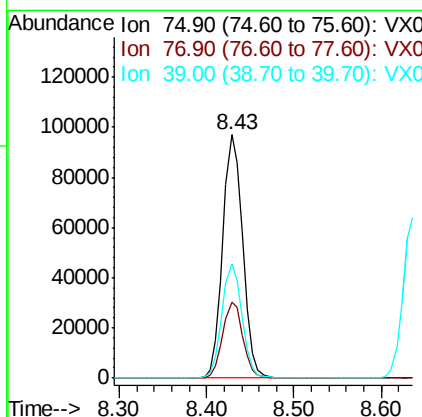
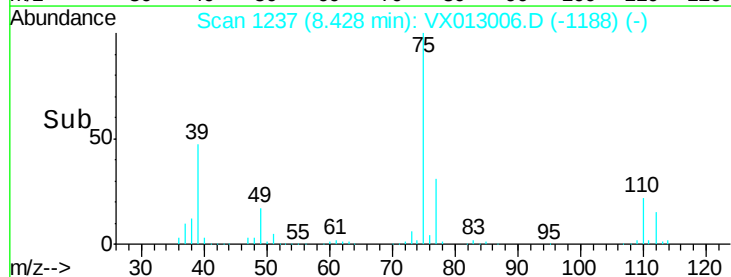
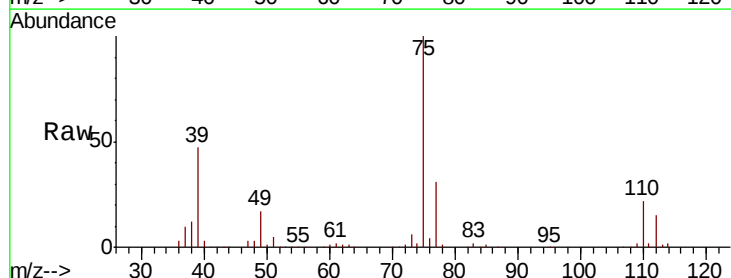
Manual Integrations
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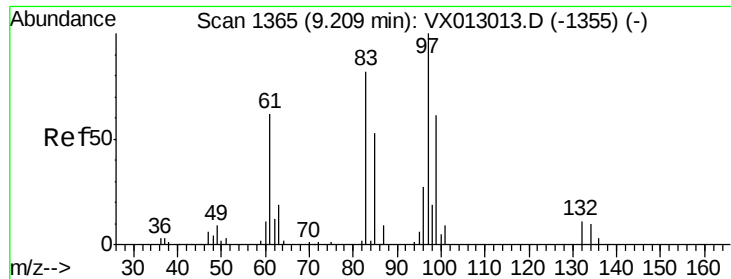
MMDadoda
10/14/2019 1:05:50 PM



#54
cis-1,3-Dichloropropene
Concen: 52.543 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion: 75 Resp: 153628
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8
39 47.0 38.2 57.2





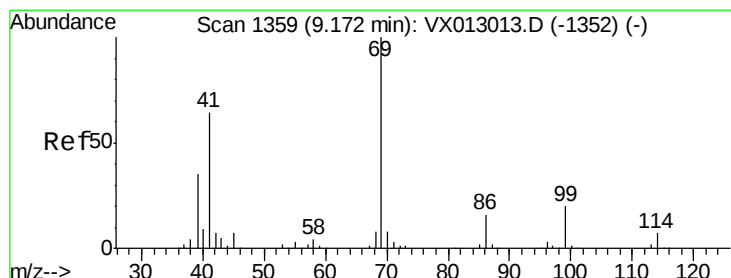
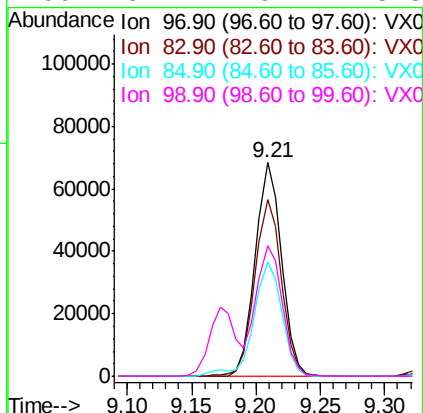
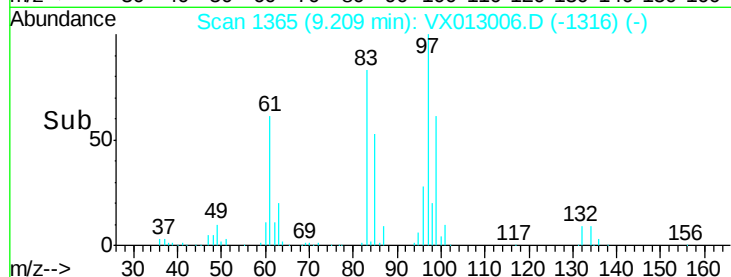
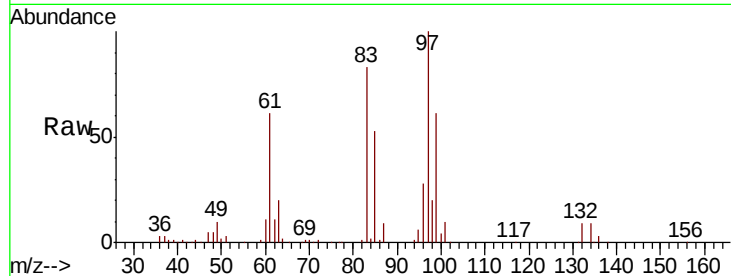
#55
 1,1,2-Trichloroethane
 Concen: 53.225 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		96672		
83	82.8	66.5	99.7		
85	53.3	43.1	64.7		
99	61.2	49.2	73.8		

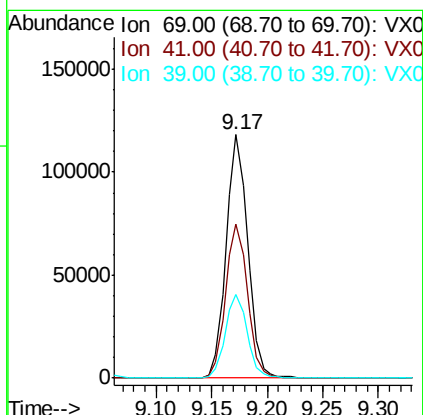
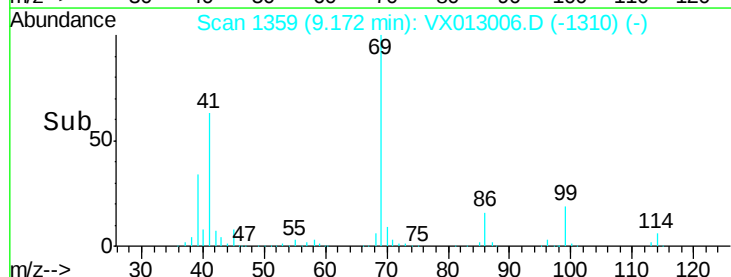
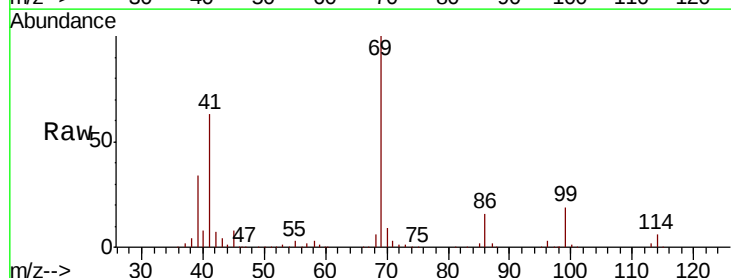
Manual Integrations
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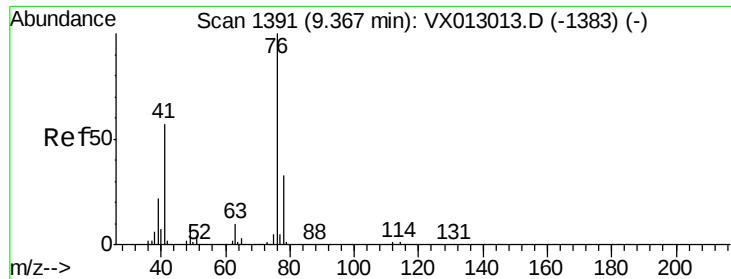
MMDadoda
 10/14/2019 1:05:50 PM



#56
 Ethyl methacrylate
 Concen: 49.085 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		159530		
41	64.3	52.1	78.1		
39	34.8	27.8	41.8		





#57

1,3-Dichloropropane

Concen: 52.407 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

Tot Ion: 76 Resp: 164656

Ion Ratio Lower Upper

76 100

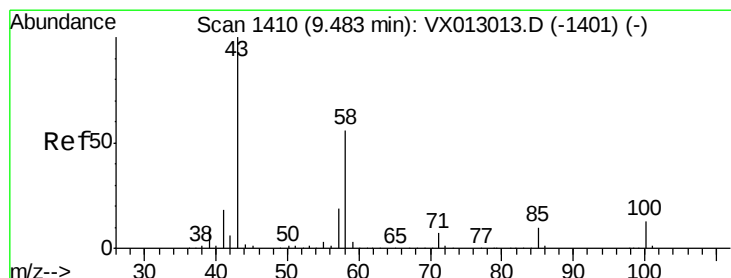
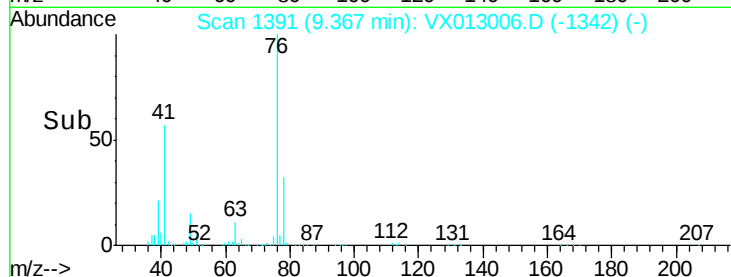
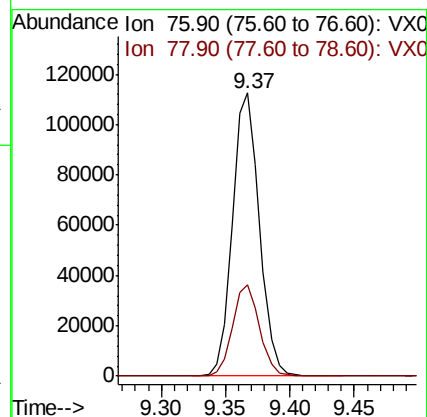
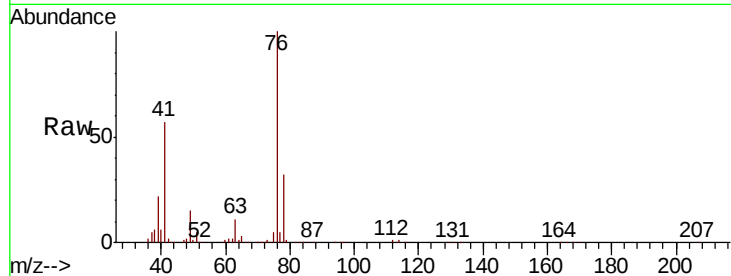
78 32.2 26.1 39.1

Manual Integrations

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MMDadoda

10/14/2019 1:05:50 PM



#59

2-Hexanone

Concen: 265.898 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX013006.D

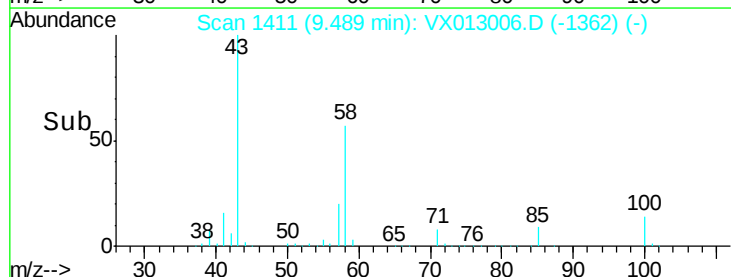
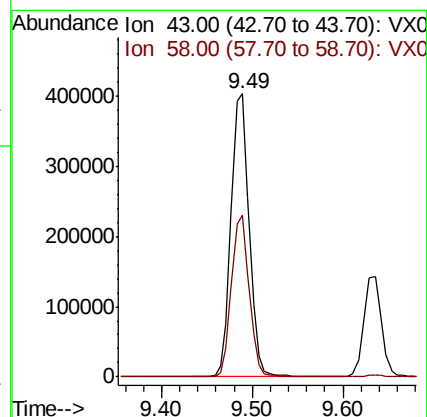
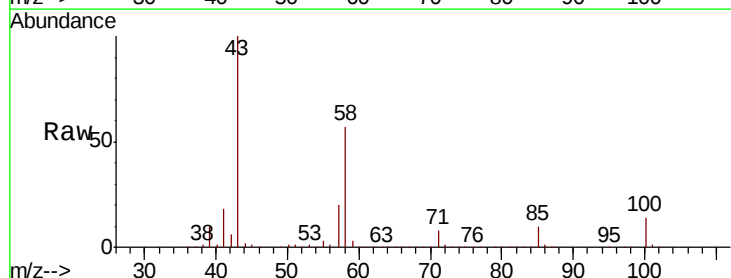
Acq: 10 Oct 2019 19:13

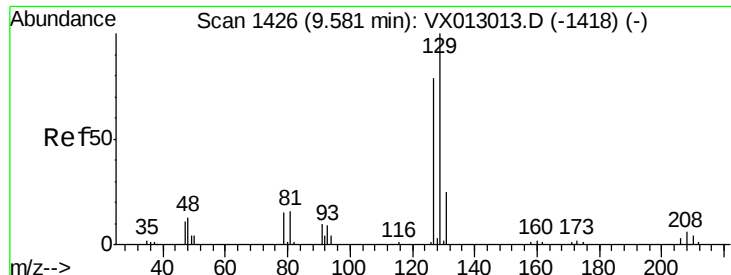
Tgt Ion: 43 Resp: 562571

Ion Ratio Lower Upper

43 100

58 56.1 28.1 84.3





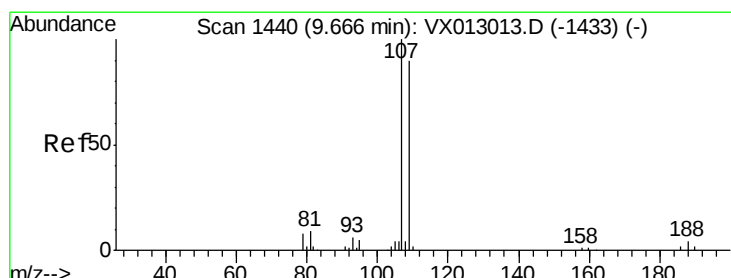
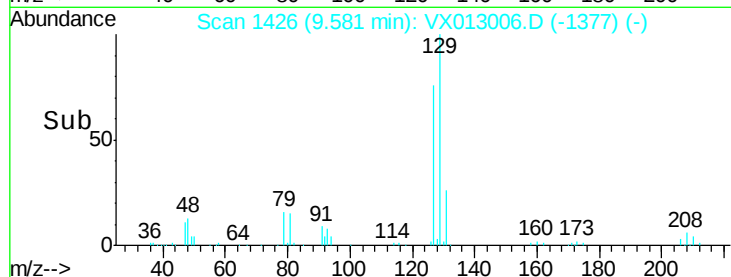
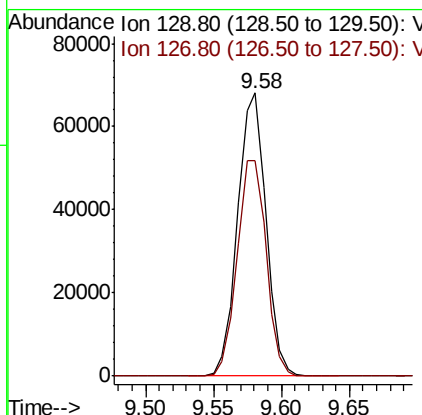
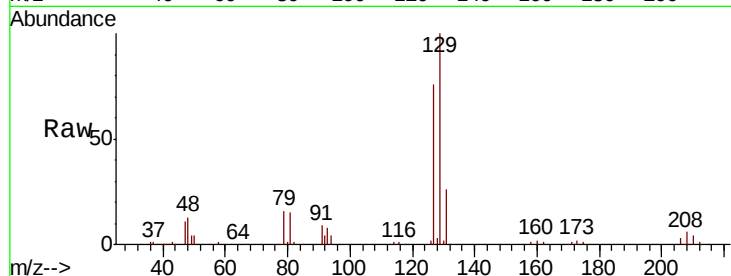
#60
 Dibromochloromethane
 Concen: 48.983 ug/l
 RT: 9.58 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		98926		
127	78.2		38.9	116.7	

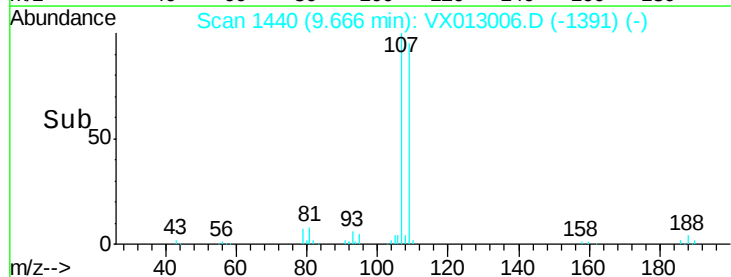
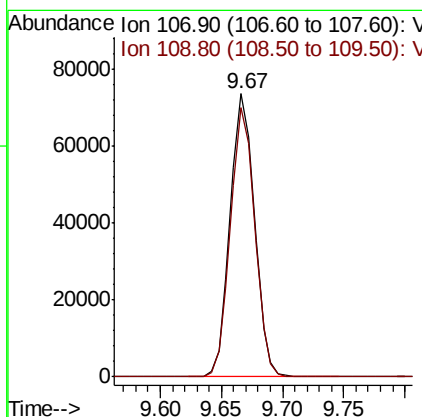
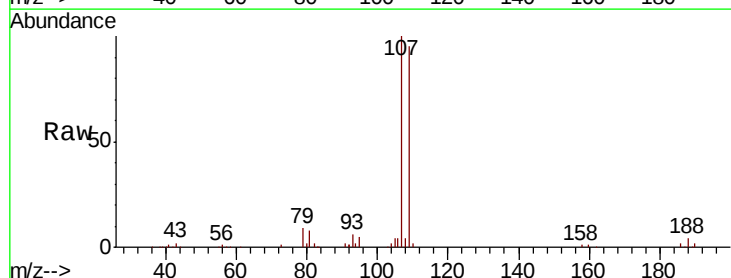
Manual Integrations
 APPROVED

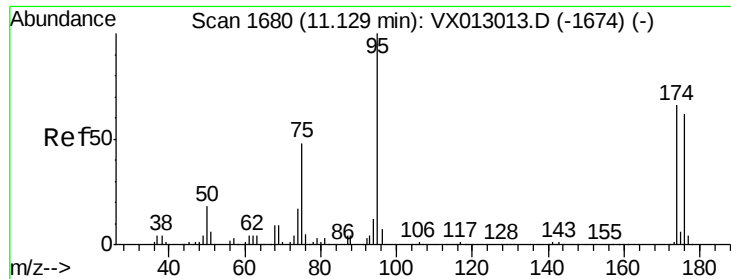
MMDadoda
 10/14/2019 1:05:50 PM



#61
 1,2-Dibromoethane
 Concen: 53.080 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		101417		
109	95.0		75.8	113.6	





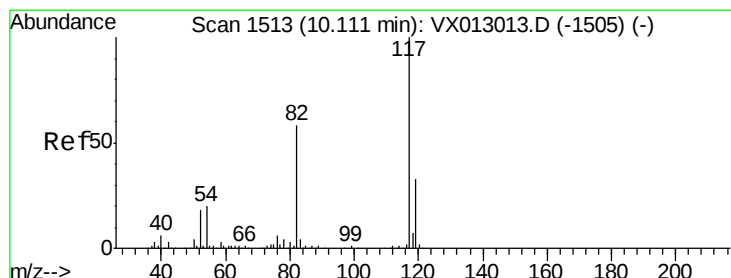
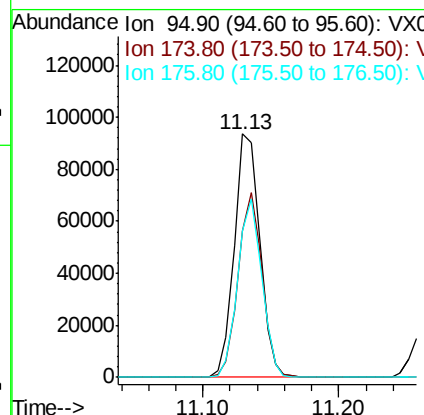
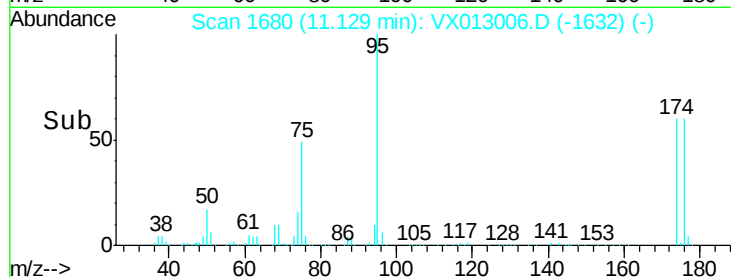
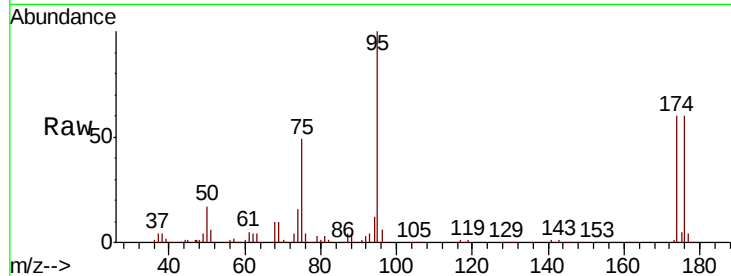
#62
4-Bromofluorobenzene
Concen: 50.981 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	122505		
174	71.1	0.0	143.4	
176	69.6	0.0	136.0	

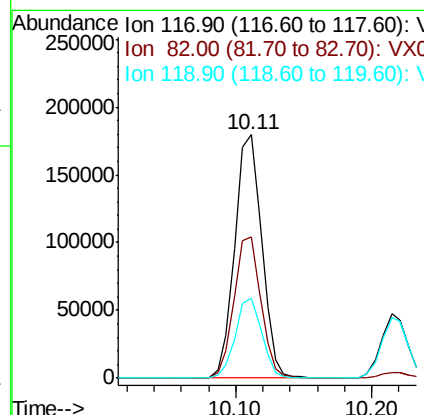
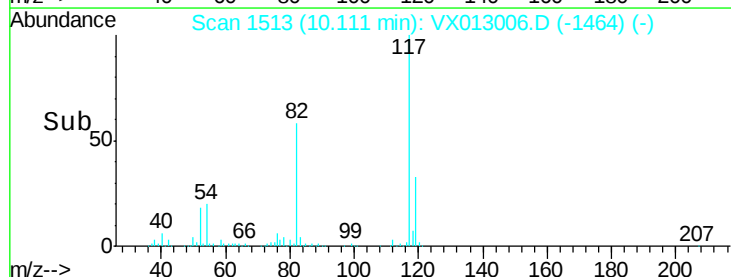
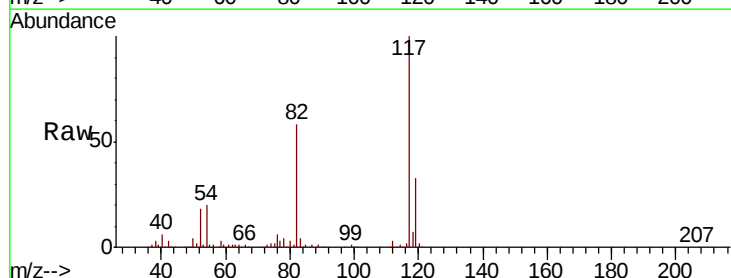
Manual Integrations
APPROVED

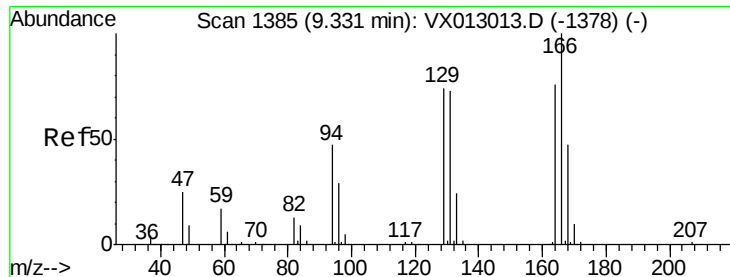
MMDadoda
10/14/2019 1:05:50 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	249299		
82	57.9	44.1	66.1	
119	32.8	25.8	38.8	





#64

Tetrachloroethene

Concen: 74.449 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1964MS

Tot Ion:164 Resp: 128733

Ion Ratio Lower Upper

164 100

166 123.9 96.9 145.3

129 96.7 77.9 116.9

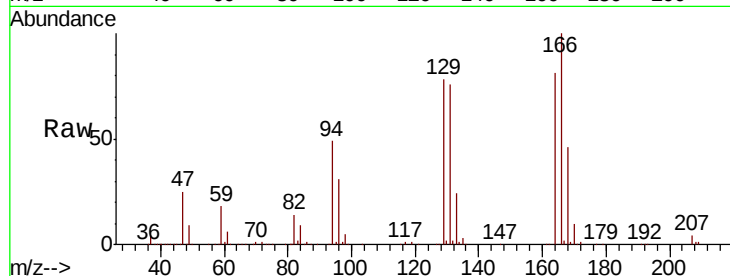
131 94.4 72.7 109.1

Manual Integrations

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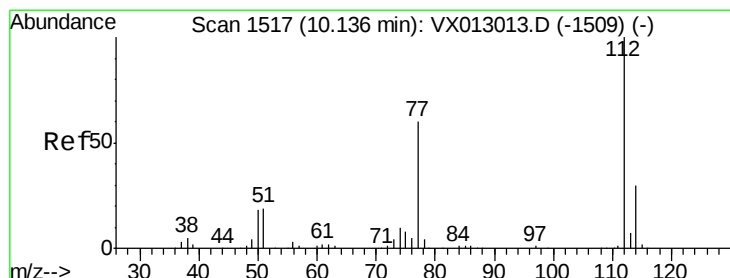
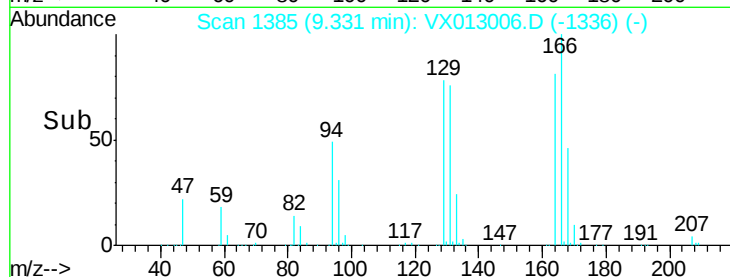
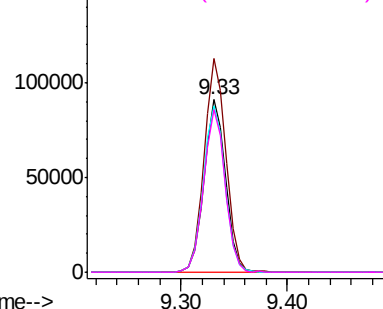


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 51.054 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013006.D

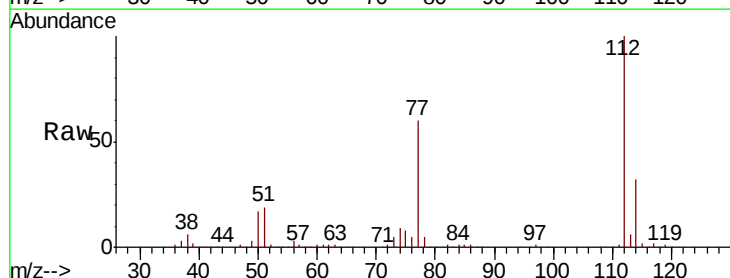
Acq: 10 Oct 2019 19:13

Tgt Ion:112 Resp: 252751

Ion Ratio Lower Upper

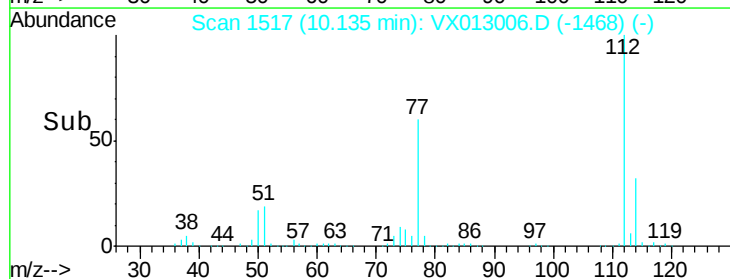
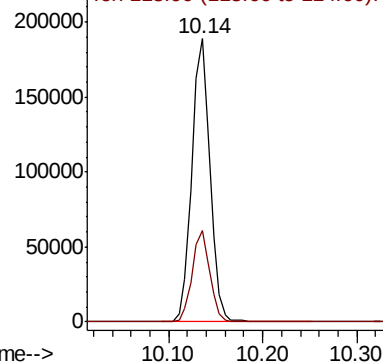
112 100

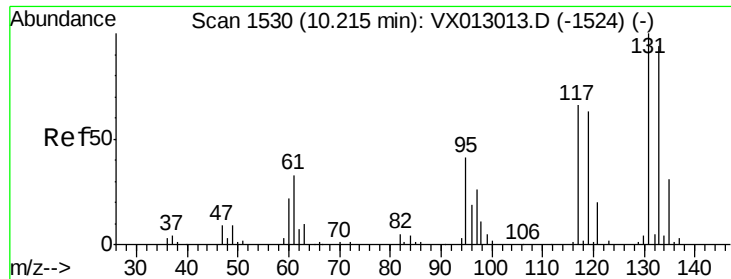
114 32.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





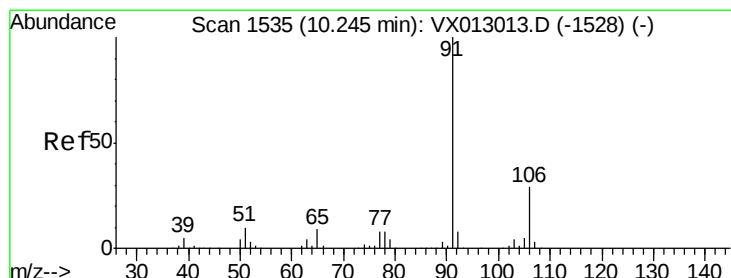
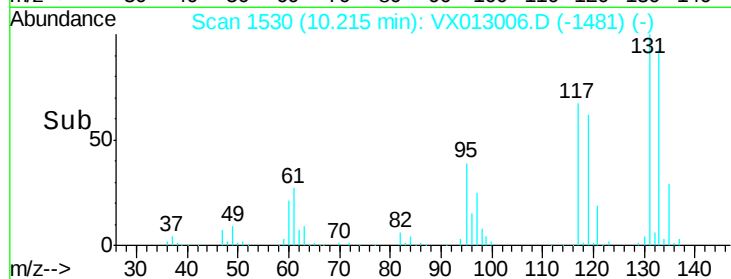
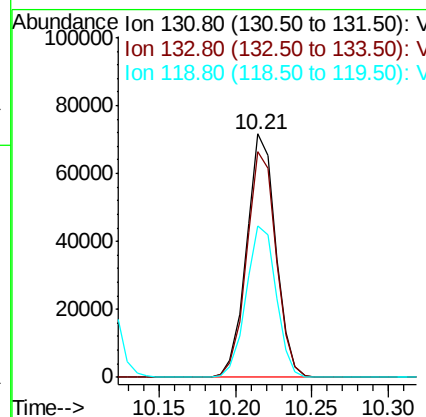
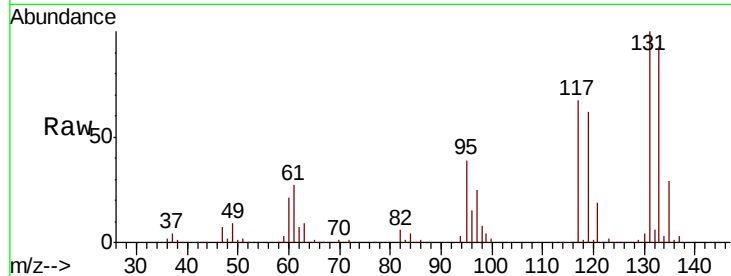
#66
 1,1,1,2-Tetrachloroethane
 Concen: 55.162 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	93.6	47.2	141.6
119	64.1	32.6	98.0

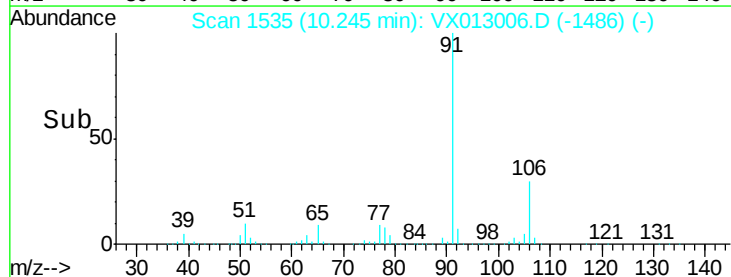
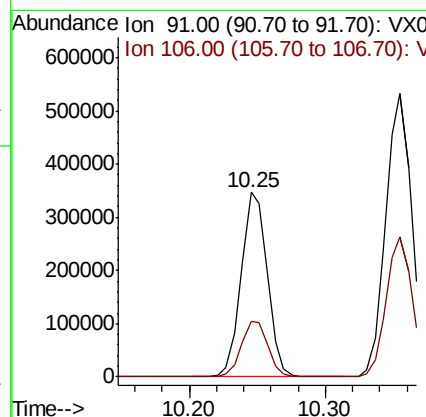
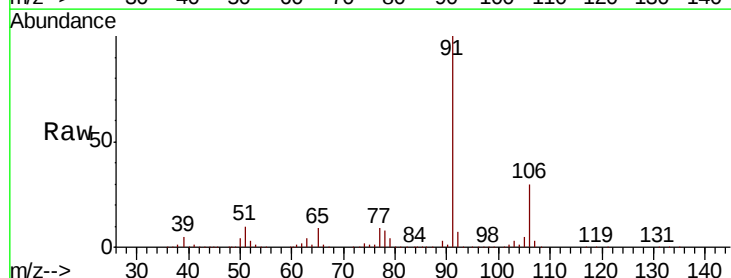
Manual Integrations
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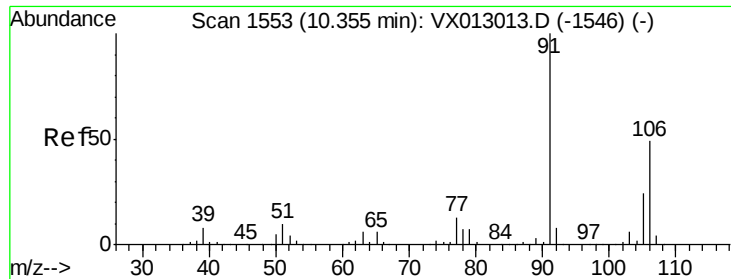
MMDadoda
 10/14/2019 1:05:50 PM



#67
 Ethyl Benzene
 Concen: 52.633 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.9	35.9





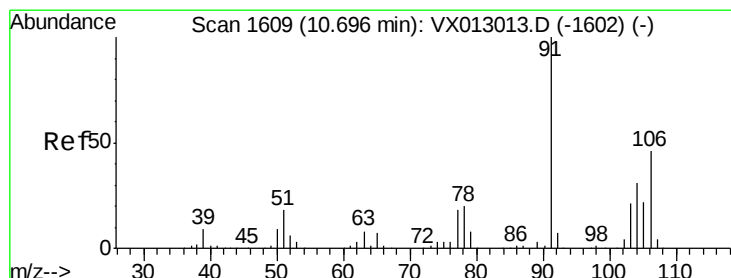
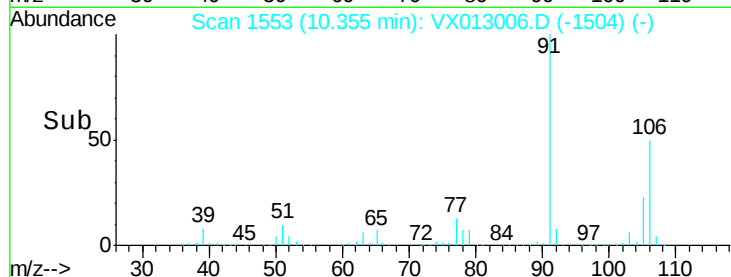
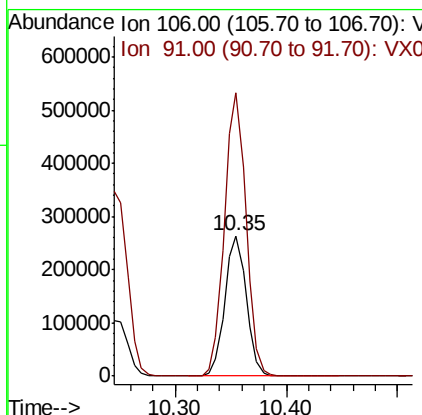
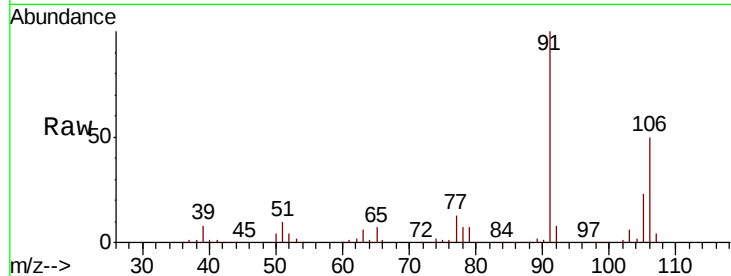
#68
m/p-Xvlenes
Concen: 107.224 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Tot Ion:106 Resp: 352253
Ion Ratio Lower Upper
106 100
91 203.4 165.3 247.9

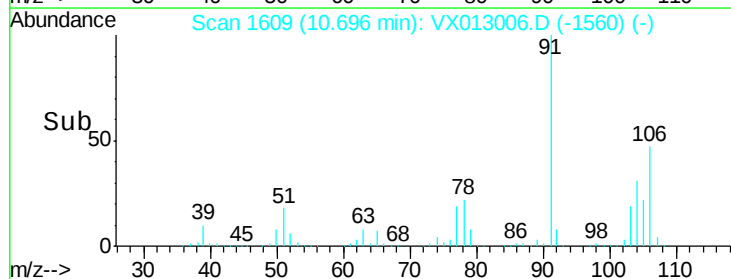
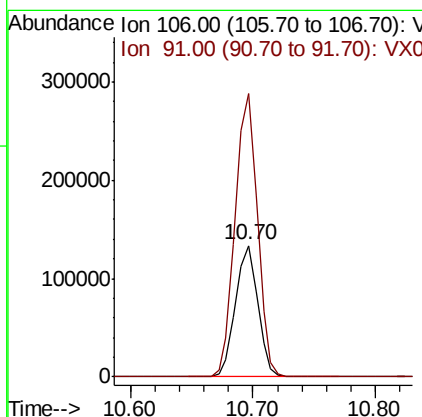
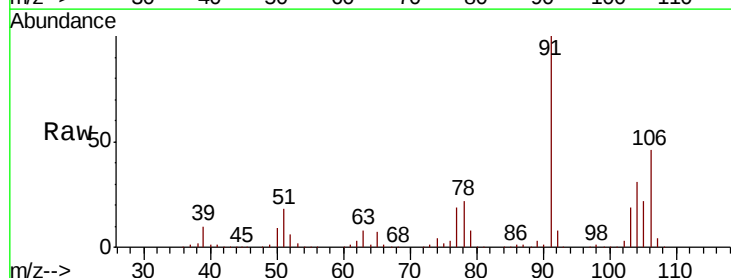
Manual Integrations
APPROVED

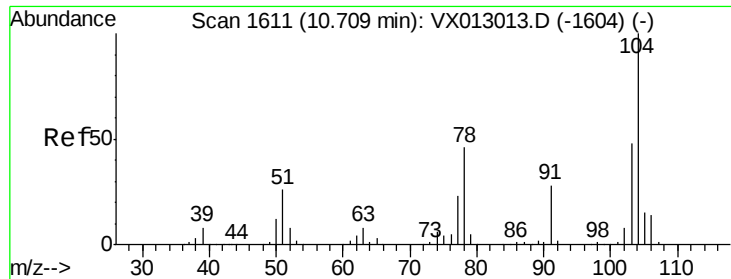
MMDadoda
10/14/2019 1:05:50 PM



#69
o-Xylene
Concen: 52.440 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion:106 Resp: 168001
Ion Ratio Lower Upper
106 100
91 216.3 109.1 327.3





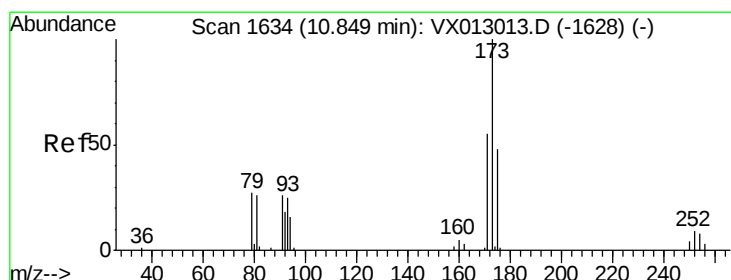
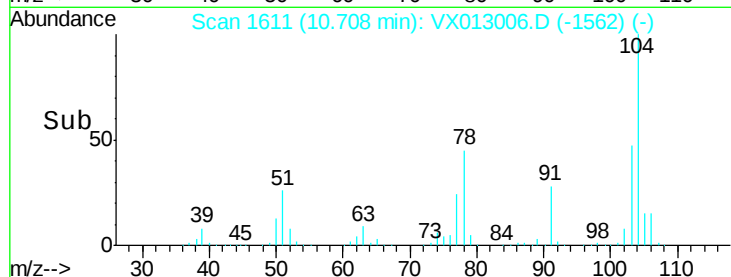
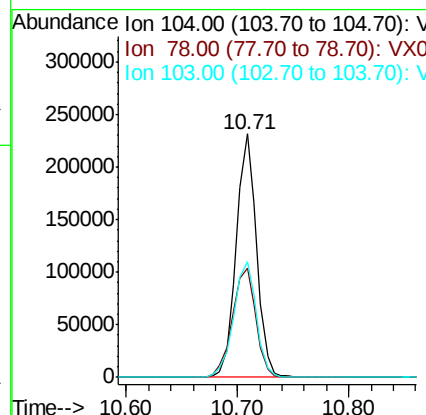
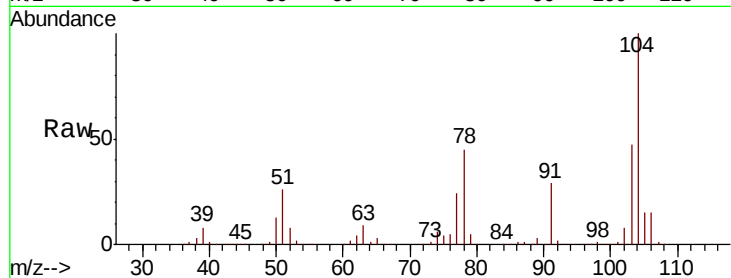
#70
Stvrene
Concen: 53.583 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.8	41.2	61.8
103	52.9	43.0	64.4

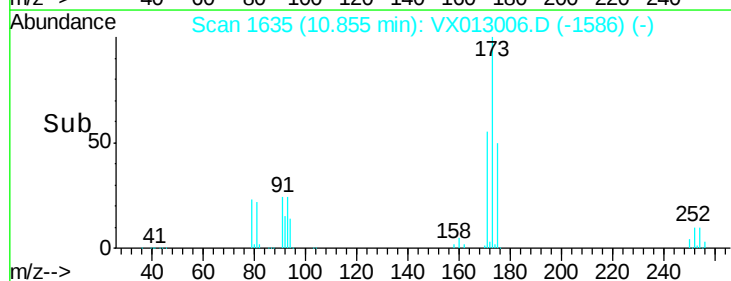
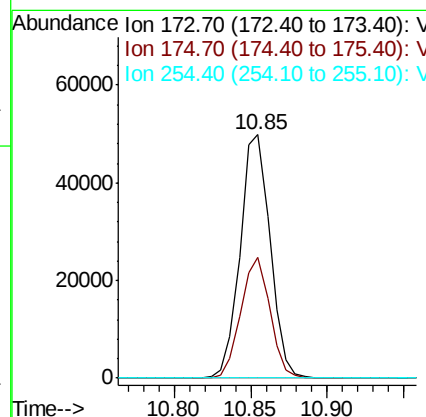
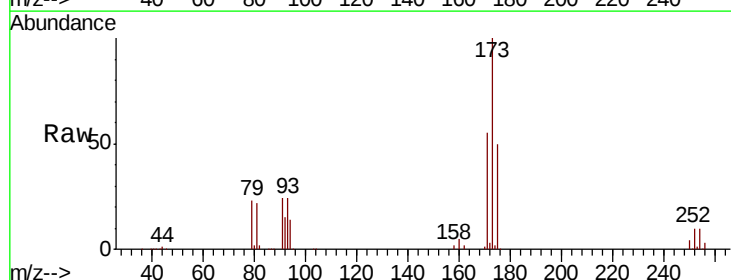
Manual Integrations
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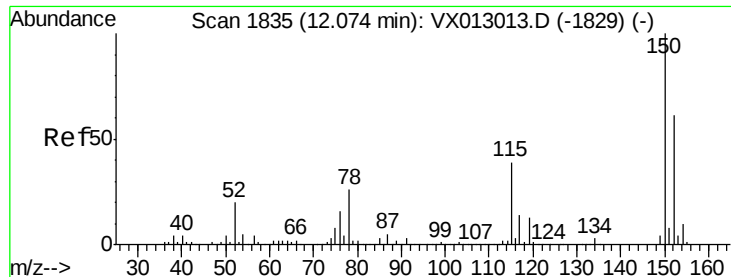
MMDadoda
10/14/2019 1:05:50 PM



#71
Bromoform
Concen: 46.502 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	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: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

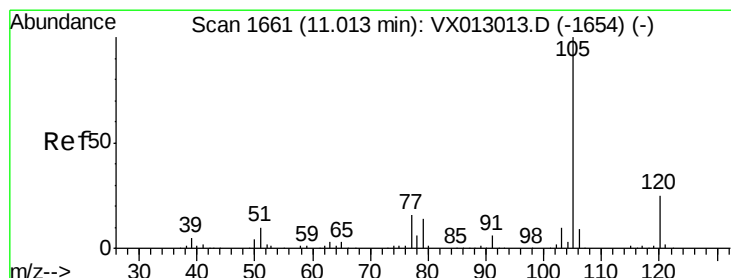
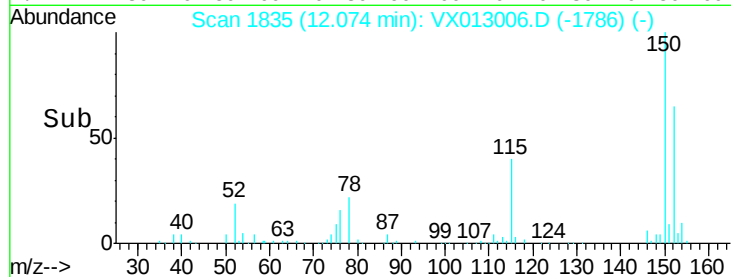
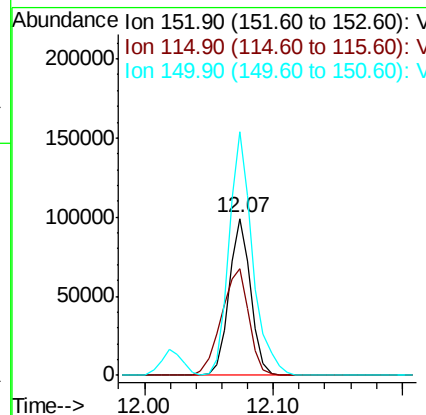
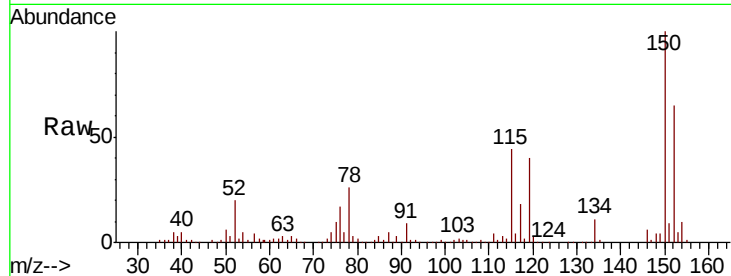
ClientSampleId :

FA19-JMW1964MS

Tot Ion:	152	Resp:	116827
Ion Ratio	Lower	Upper	
152	100		
115	86.0	44.5	133.5
150	169.3	0.0	353.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 52.530 ug/l

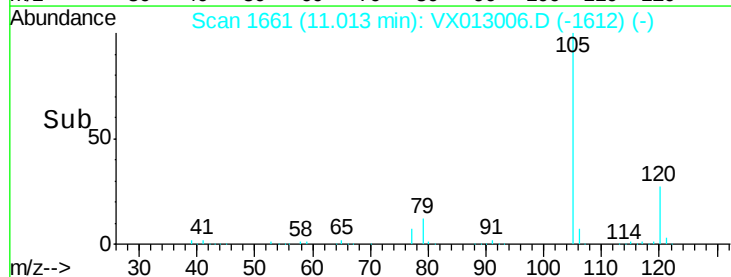
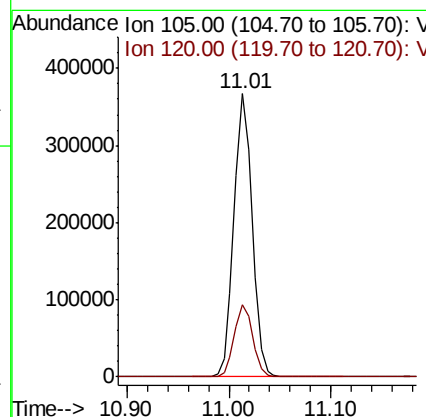
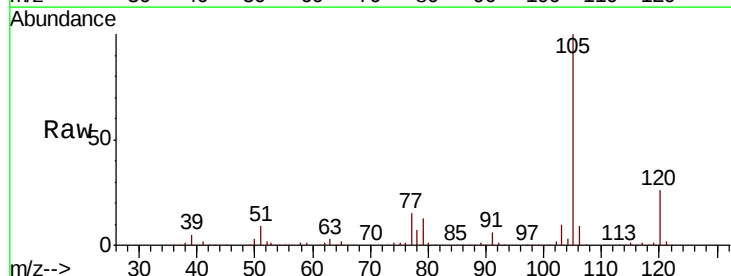
RT: 11.01 min Scan# 1661

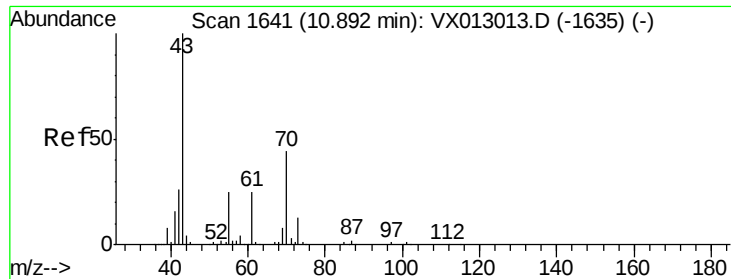
Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Tgt Ion:	105	Resp:	451199
Ion Ratio	Lower	Upper	
105	100		
120	25.9	13.0	39.0





#74

N-amvl acetate

Concen: 52.149 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

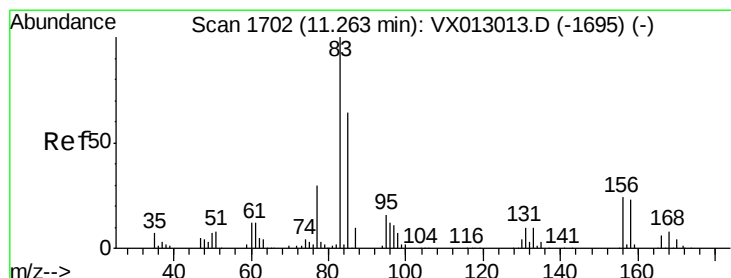
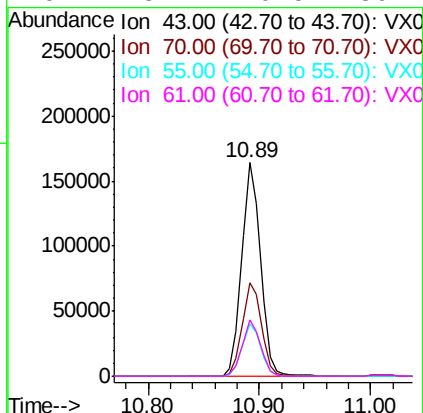
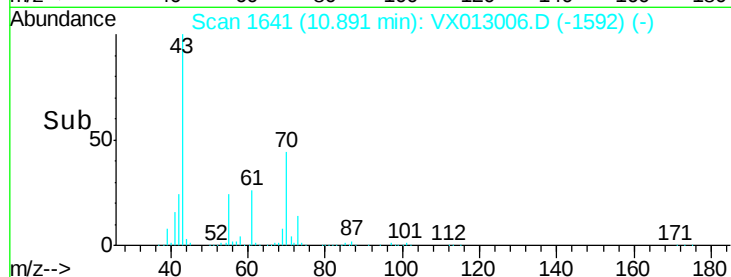
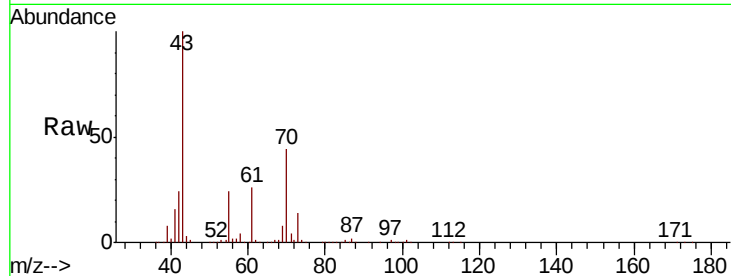
ClientSampleId :

FA19-JMW1964MS

Tot Ion	43	Resp	192913
Ion Ratio	Lower	Upper	
43	100		
70	44.7	36.4	54.6
55	24.7	20.2	30.2
61	25.7	20.5	30.7

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 51.816 ug/l

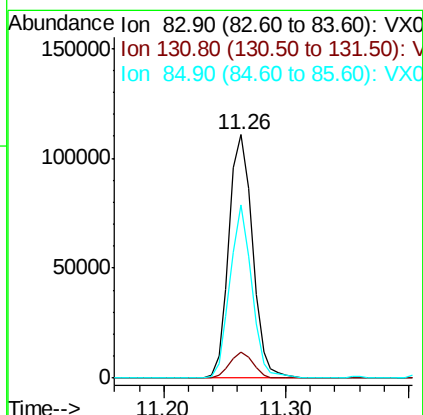
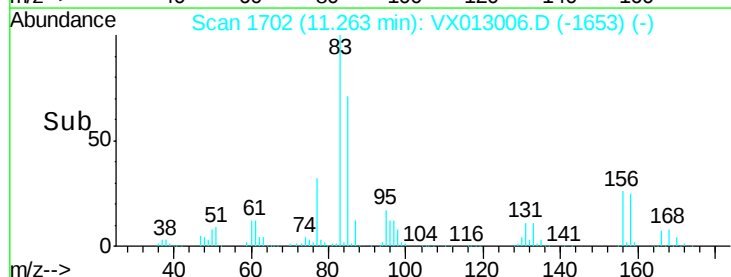
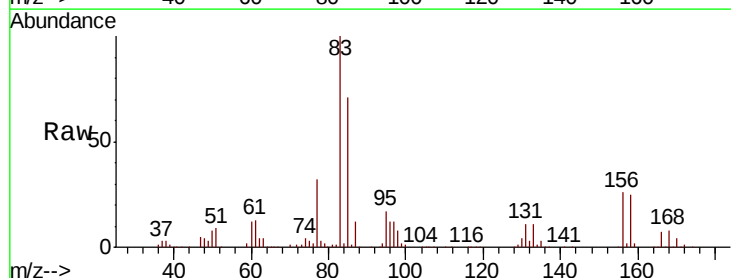
RT: 11.26 min Scan# 1702

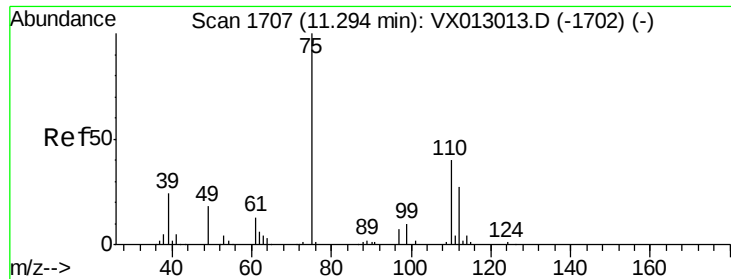
Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Tgt Ion	83	Resp	148030
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	65.8	32.1	96.5





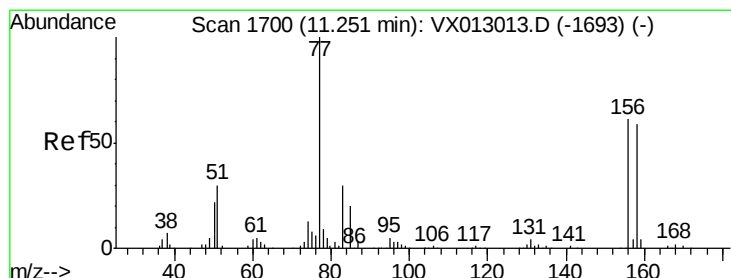
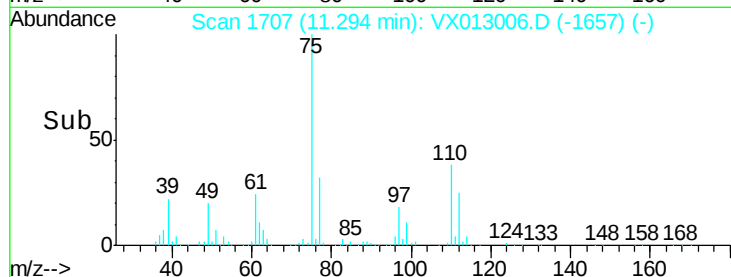
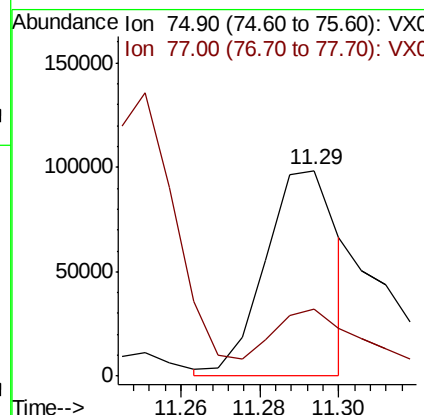
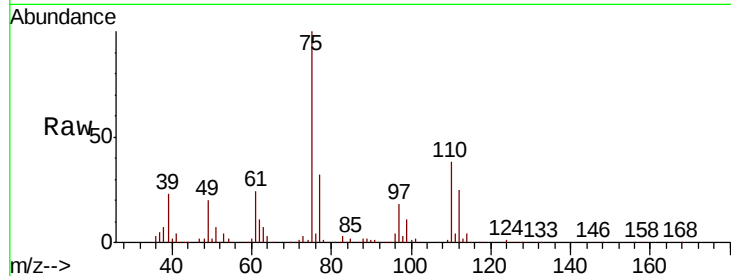
#76
 1,2,3-Trichloropropane
 Concen: 47.926 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

Tot Ion: 75 Resp: 124187
 Ion Ratio Lower Upper
 75 100
 77 42.3 22.9 68.8

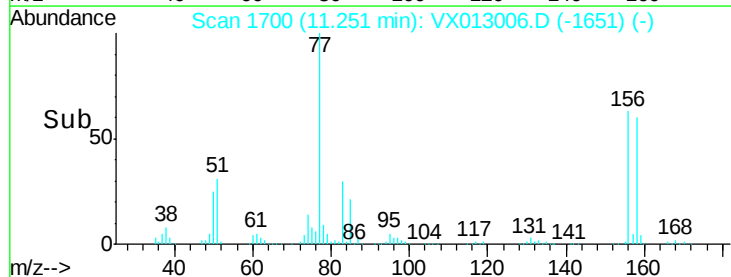
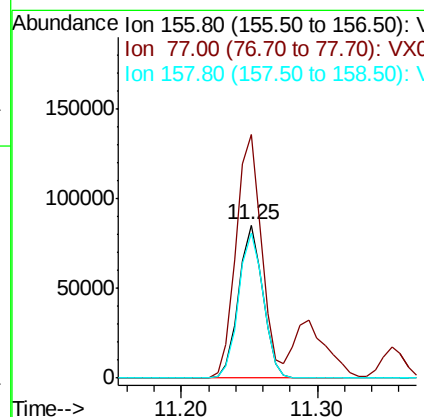
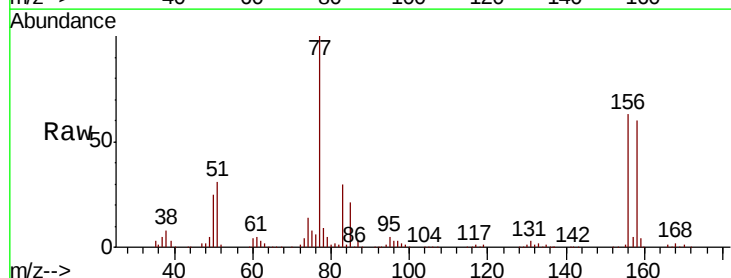
Manual Integrations
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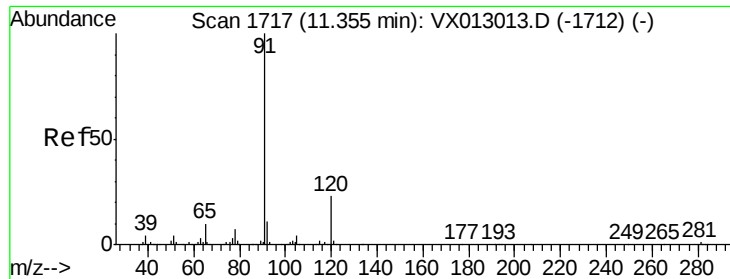
MMDadoda
 10/14/2019 1:05:50 PM



#77
 Bromobenzene
 Concen: 52.221 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion: 156 Resp: 105698
 Ion Ratio Lower Upper
 156 100
 77 168.9 83.7 251.0
 158 96.7 48.6 145.9





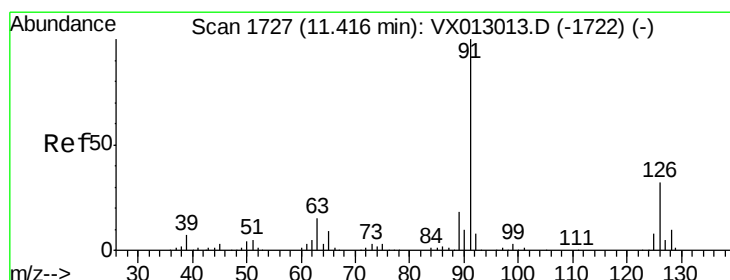
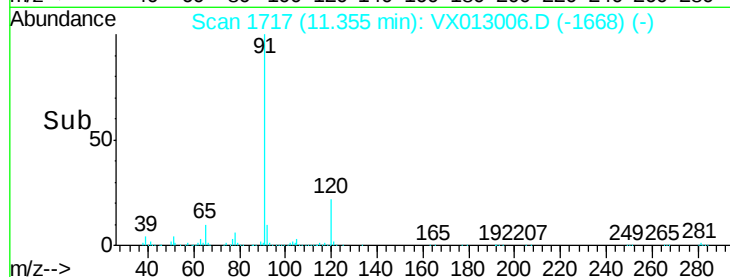
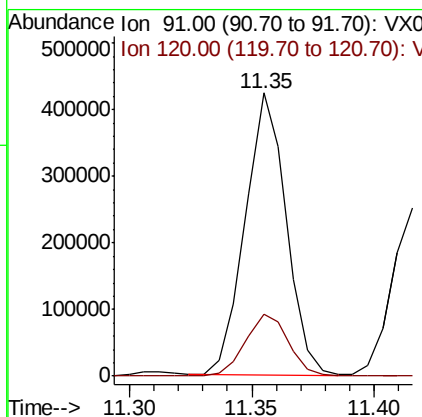
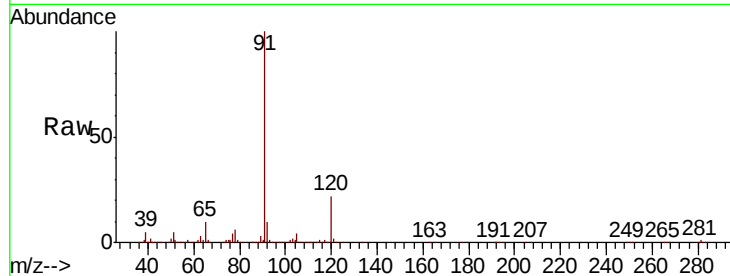
#78
n-propylbenzene
Concen: 52.405 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Tot Ion: 91 Resp: 495306
Ion Ratio Lower Upper
91 100
120 23.0 11.7 35.1

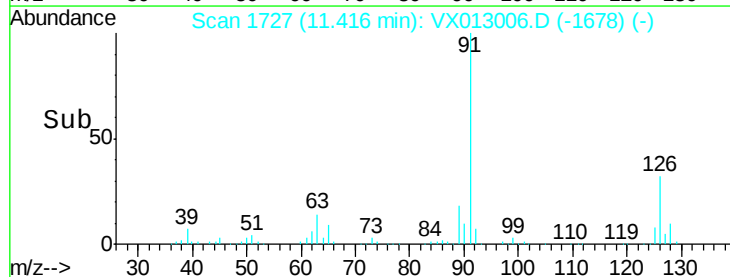
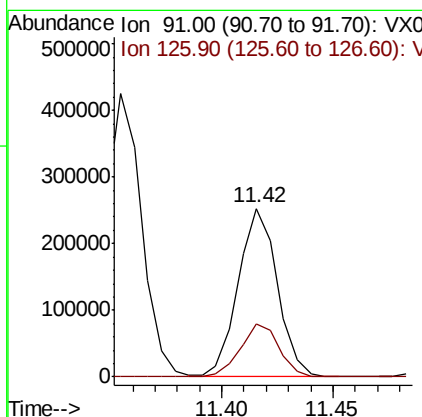
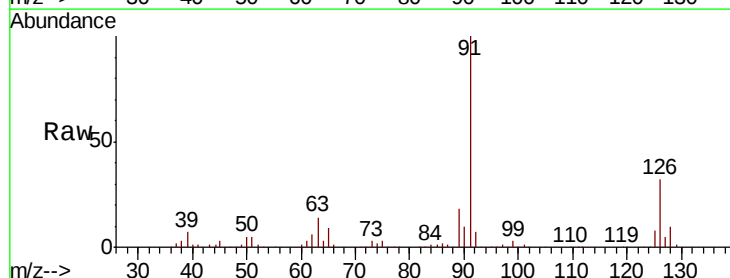
Manual Integrations
APPROVED

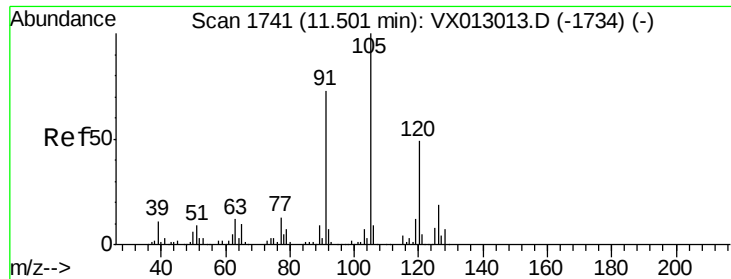
MMDadoda
10/14/2019 1:05:50 PM



#79
2-Chlorotoluene
Concen: 52.017 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion: 91 Resp: 308976
Ion Ratio Lower Upper
91 100
126 31.6 16.3 48.8





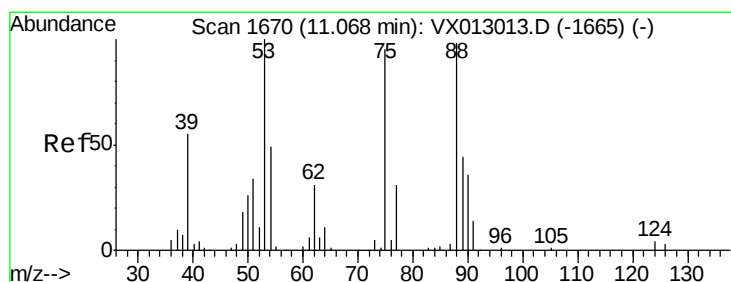
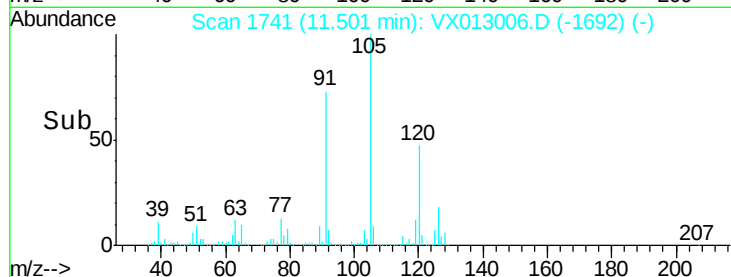
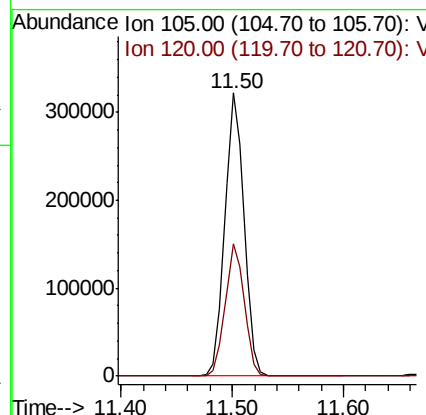
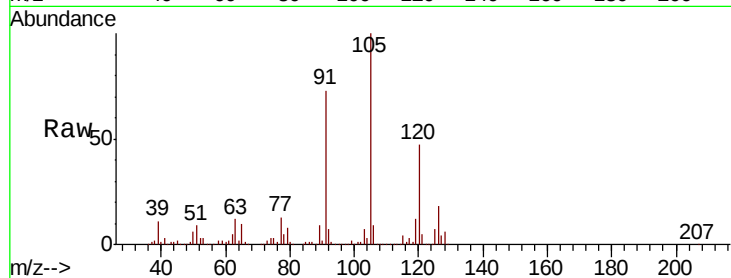
#80
 1,3,5-Trimethylbenzene
 Concen: 53.430 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.6	24.8	74.3

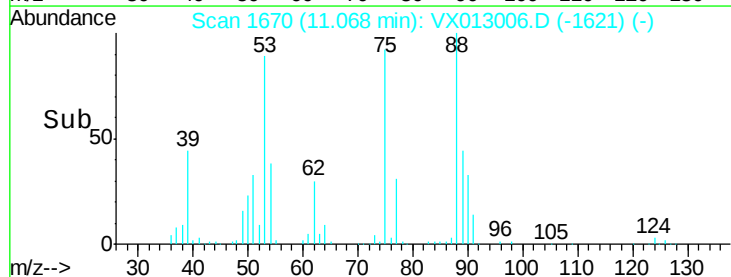
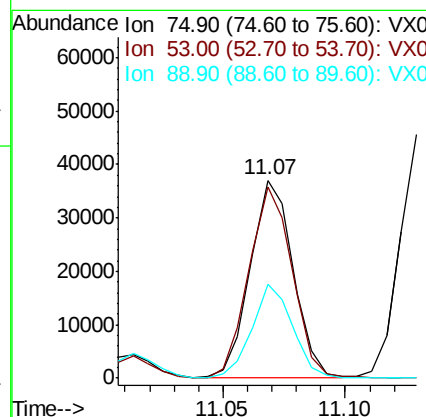
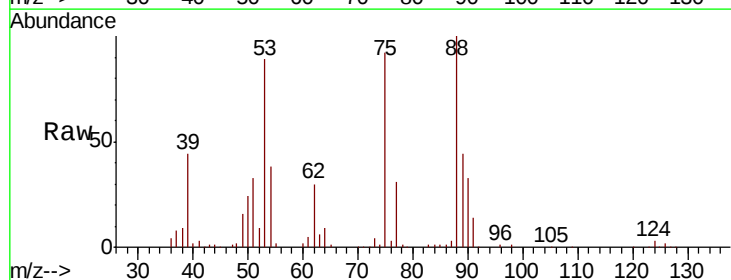
Manual Integrations
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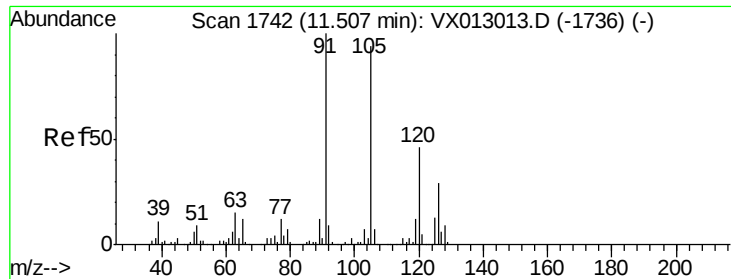
MMDadoda
 10/14/2019 1:05:50 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.389 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.4	78.5	117.7
89	45.0	37.4	56.2





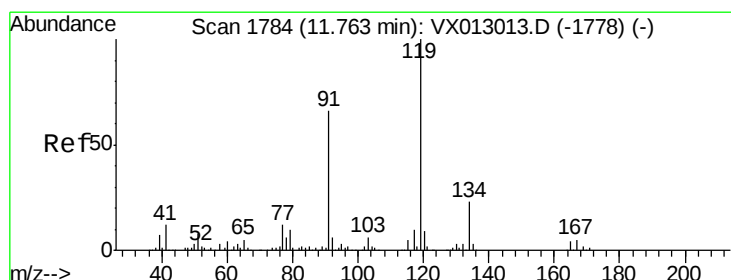
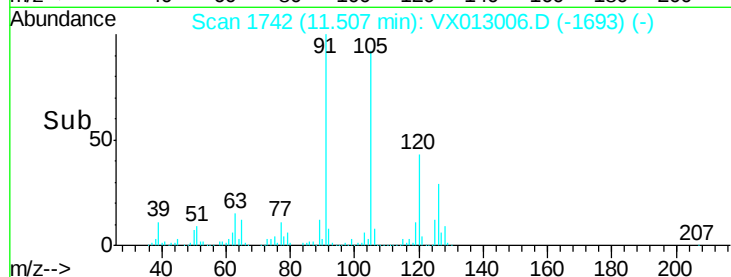
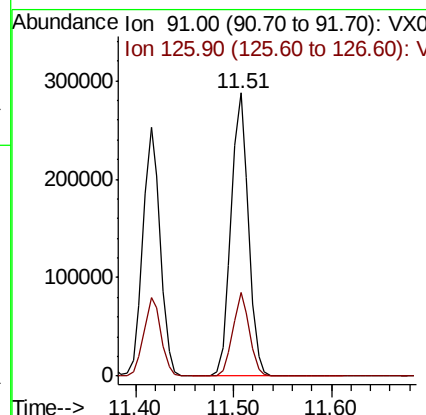
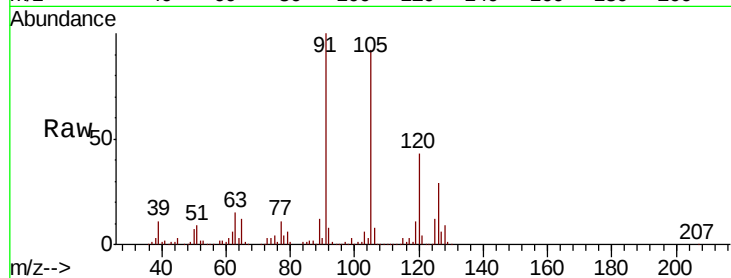
#82
4-Chlorotoluene
Concen: 52.288 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Tot Ion	Ratio	Resp	Lower	Upper
91	100	355994		
126	28.0	14.2	42.6	

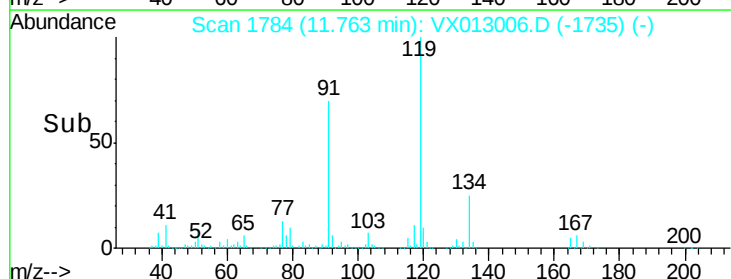
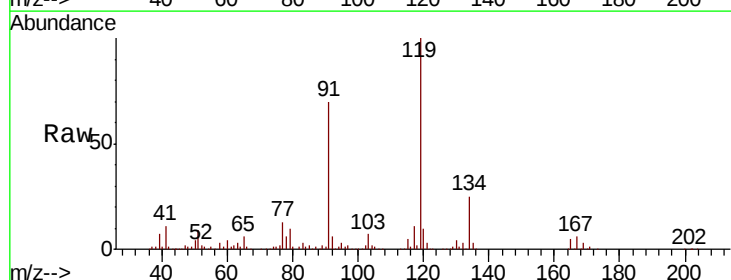
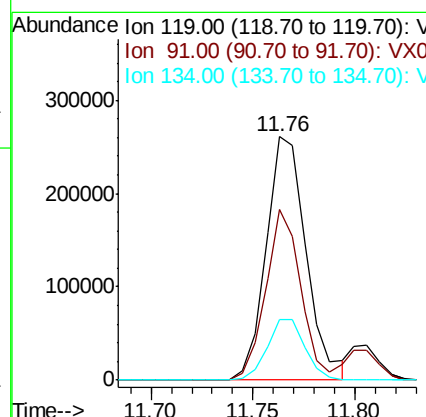
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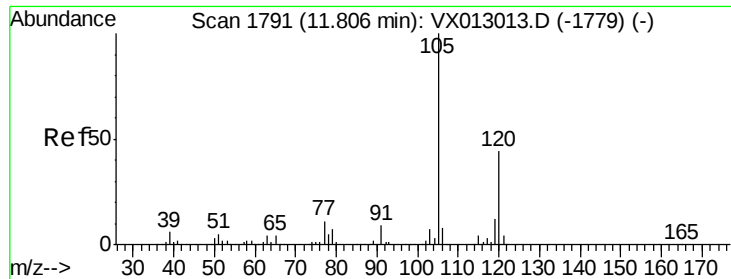
MMDadoda
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#83
tert-Butylbenzene
Concen: 51.114 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	357611		
91	61.3	29.3	87.9	
134	23.6	11.5	34.4	





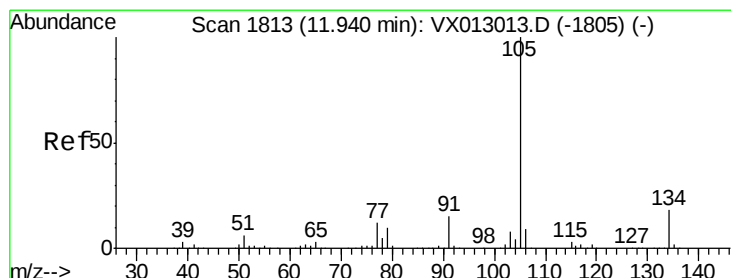
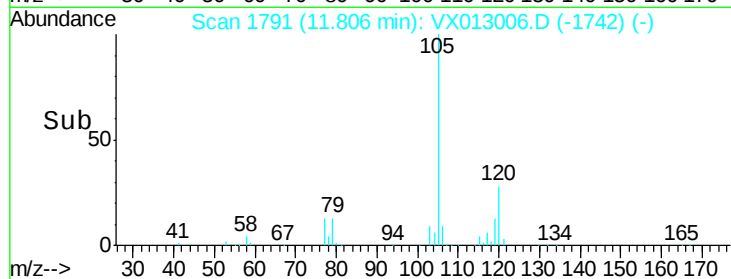
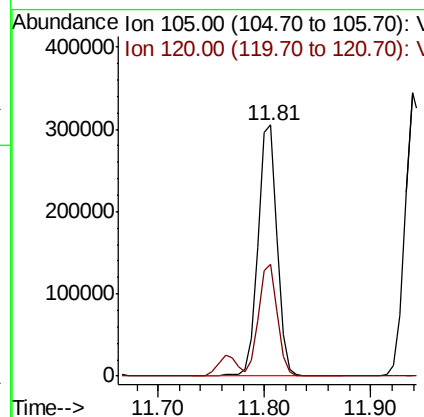
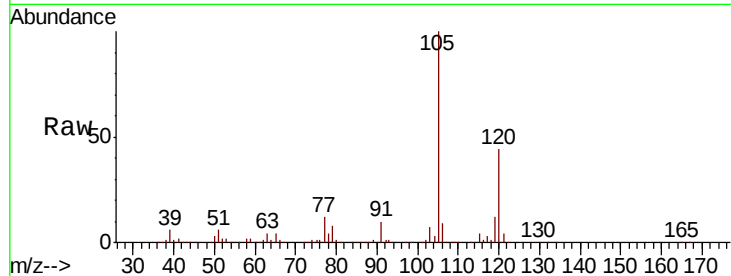
#84
 1,2,4-Trimethylbenzene
 Concen: 52.824 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

Tot Ion:105 Resp: 383701
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.8 65.3

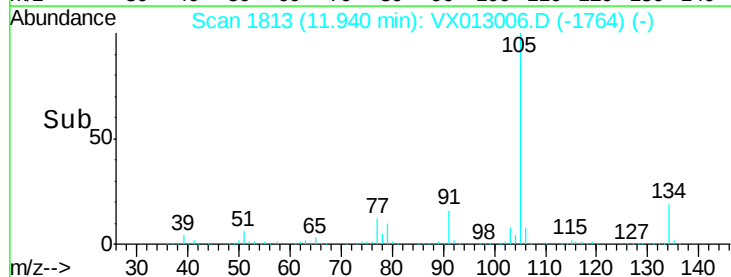
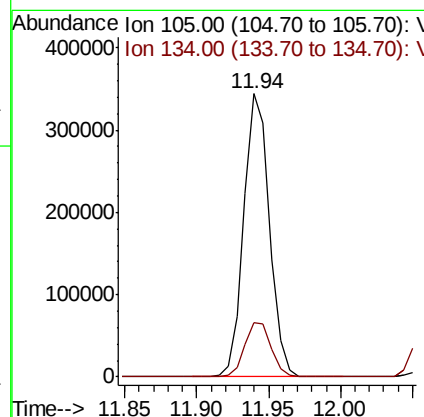
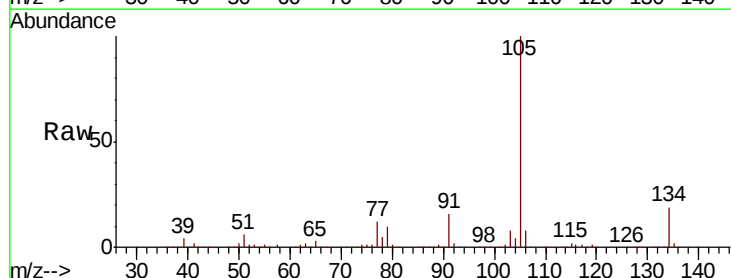
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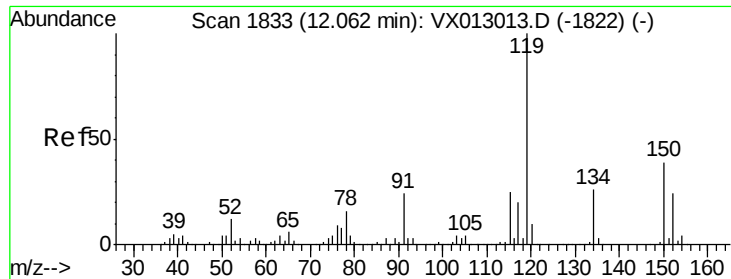
MMDadoda
 10/14/2019 1:05:50 PM



#85
 sec-Butylbenzene
 Concen: 52.428 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion:105 Resp: 424961
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0





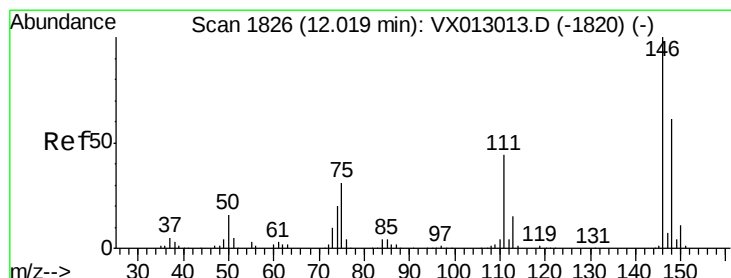
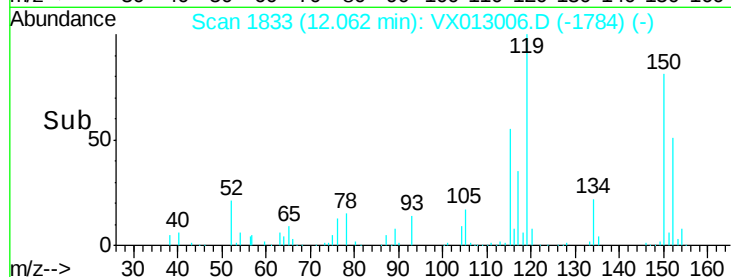
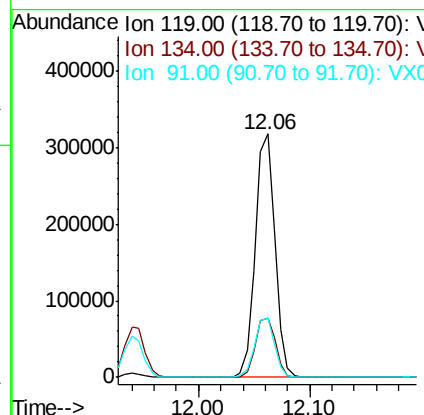
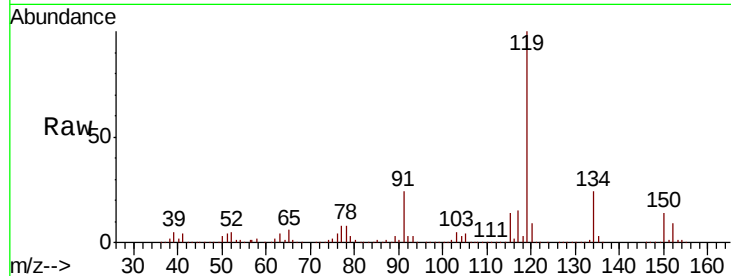
#86
 p-Isopropyltoluene
 Concen: 51.908 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	390218		
134	25.1	12.6	37.8	
91	24.5	12.4	37.4	

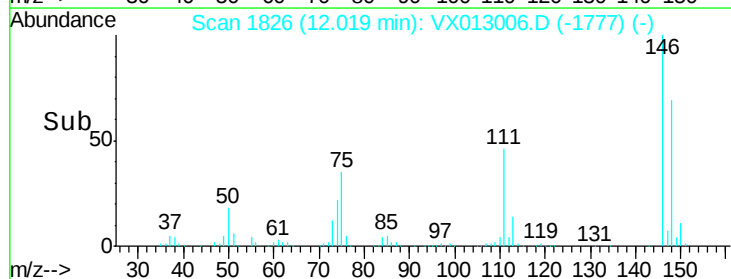
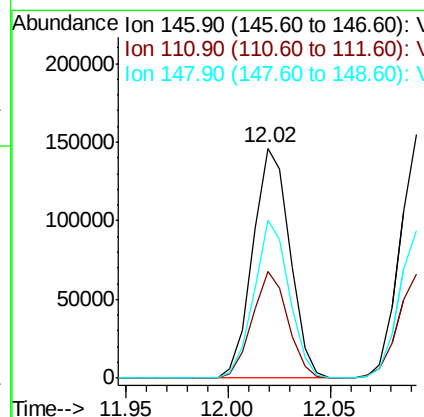
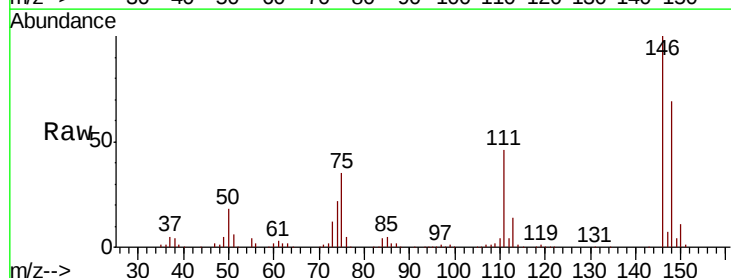
Manual Integrations
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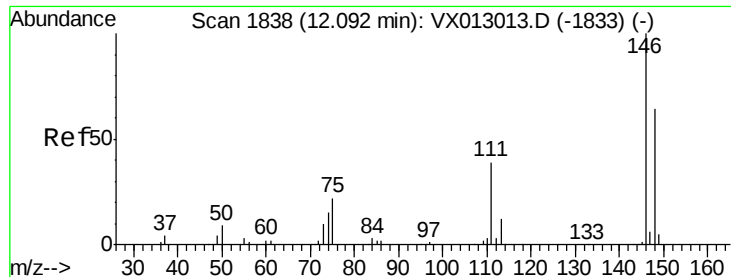
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#87
 1,3-Dichlorobenzene
 Concen: 49.129 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	184661		
111	44.5	21.1	63.4	
148	65.4	31.6	95.0	





#88

1,4-Dichlorobenzene

Concen: 49.298 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

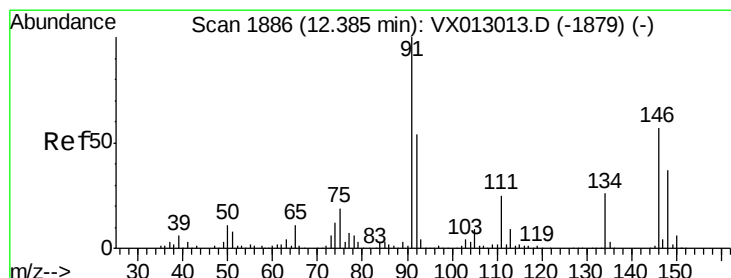
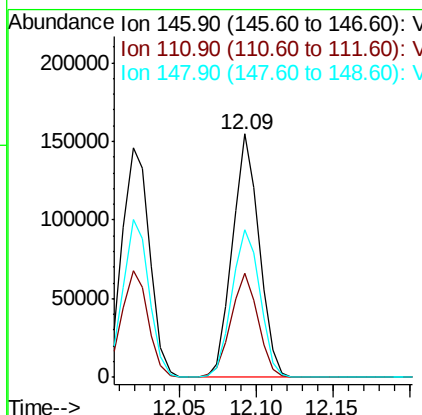
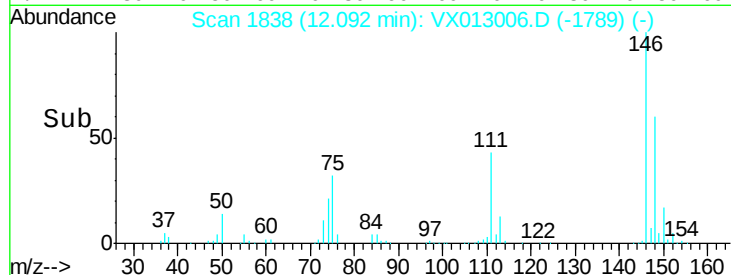
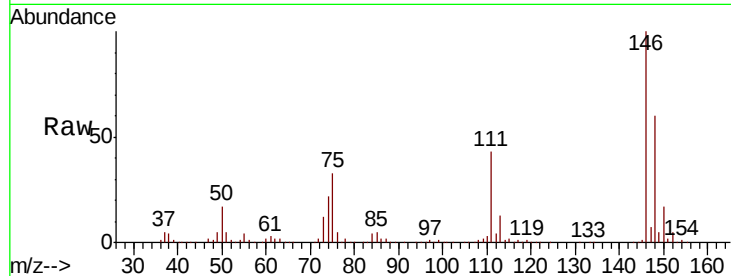
ClientSampleId :

FA19-JMW1964MS

Tot Ion:	146	Resp:	187661
Ion Ratio	Lower	Upper	
146	100		
111	43.2	21.4	64.3
148	63.7	32.1	96.5

Manual Integrations
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#89

n-Butylbenzene

Concen: 51.236 ug/l

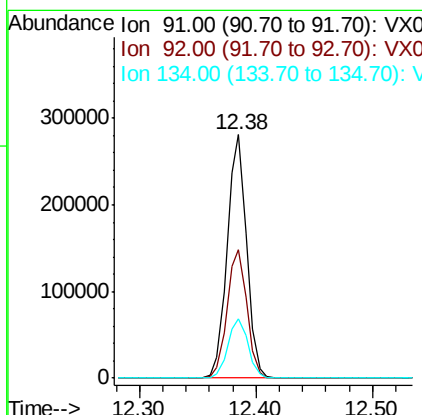
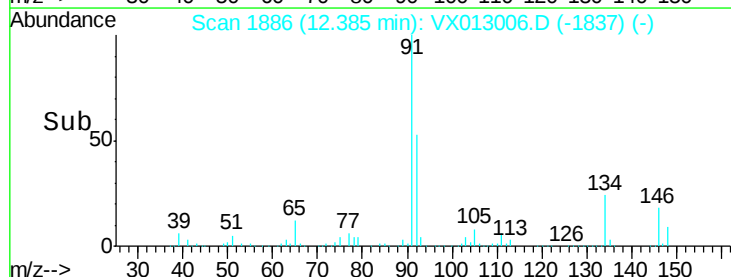
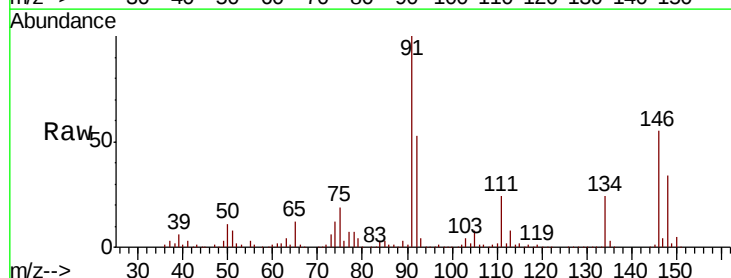
RT: 12.38 min Scan# 1886

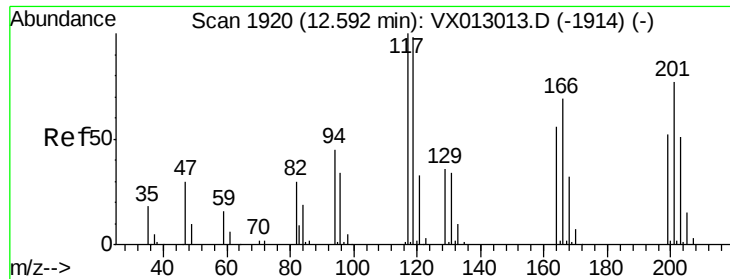
Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Tgt Ion:	91	Resp:	323716
Ion Ratio	Lower	Upper	
91	100		
92	54.0	27.5	82.5
134	25.3	12.9	38.7





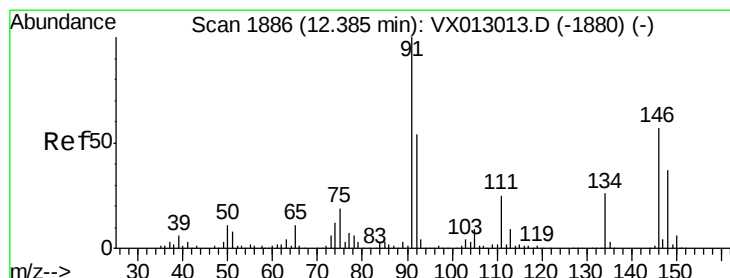
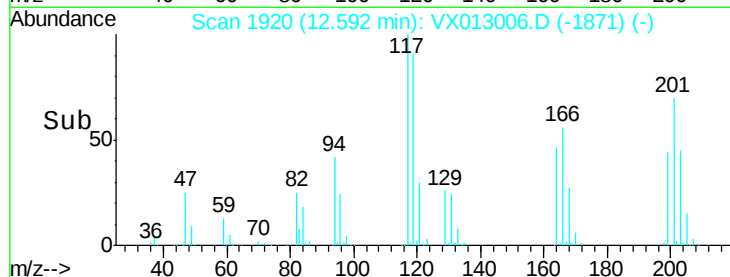
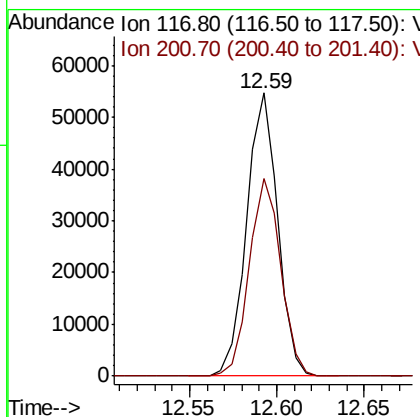
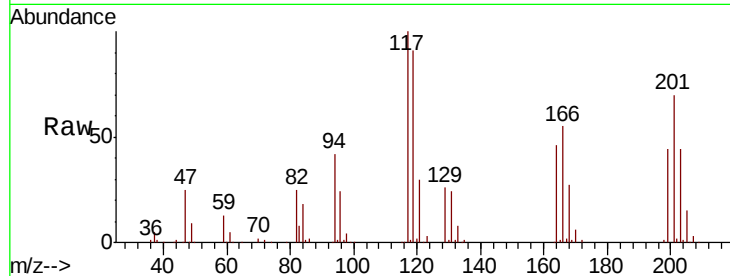
#90
Hexachloroethane
Concen: 48.346 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Tot Ion:117 Resp: 67212
Ion Ratio Lower Upper
117 100
201 71.0 36.9 110.7

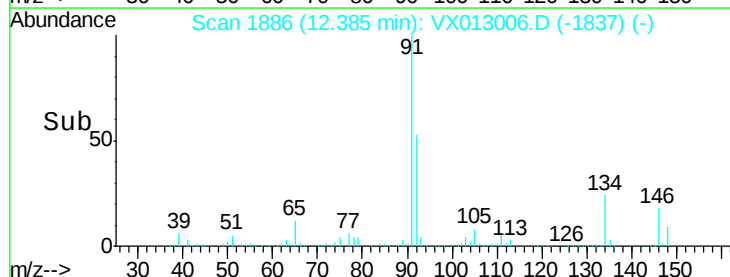
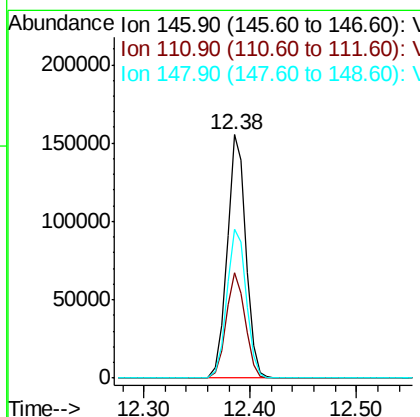
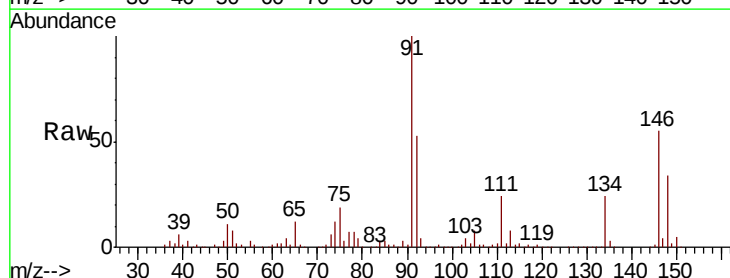
Manual Integrations
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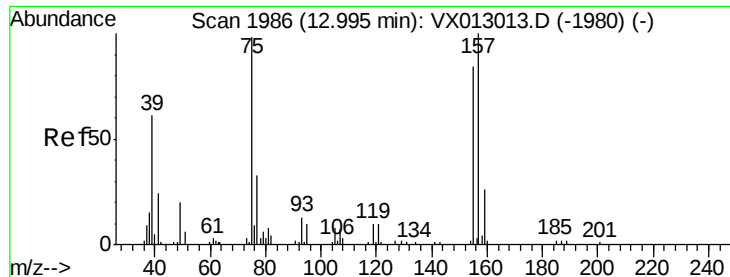
MMDadoda
10/14/2019 1:05:50 PM



#91
1,2-Dichlorobenzene
Concen: 51.627 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013006.D
Acq: 10 Oct 2019 19:13

Tgt Ion:146 Resp: 190237
Ion Ratio Lower Upper
146 100
111 44.1 22.7 68.0
148 63.5 31.6 94.7





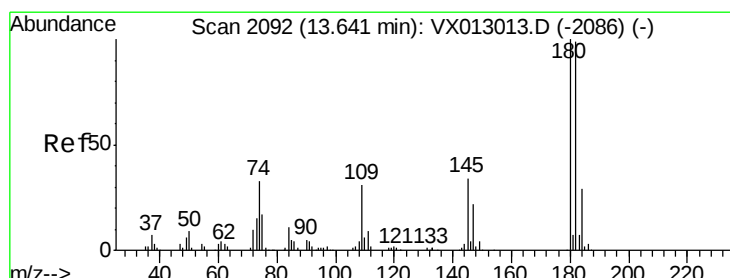
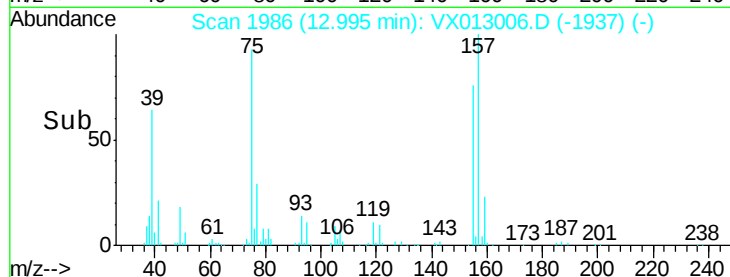
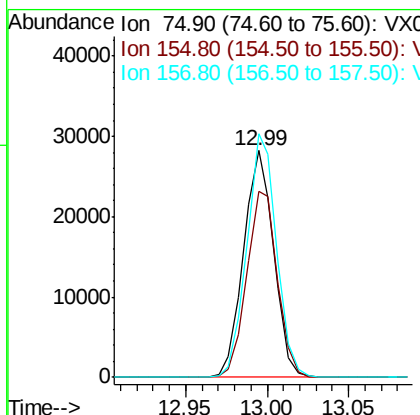
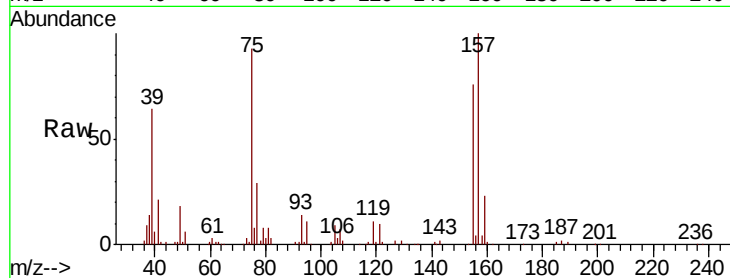
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.214 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	83.6	43.0	128.8
157	105.6	54.1	162.3

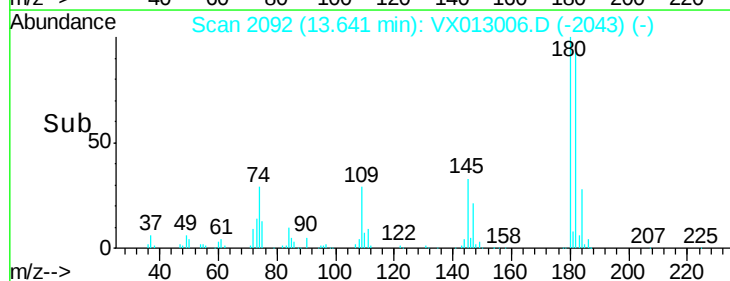
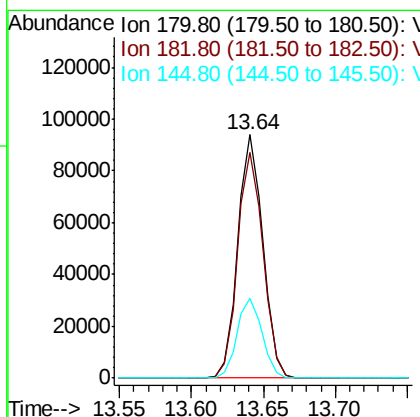
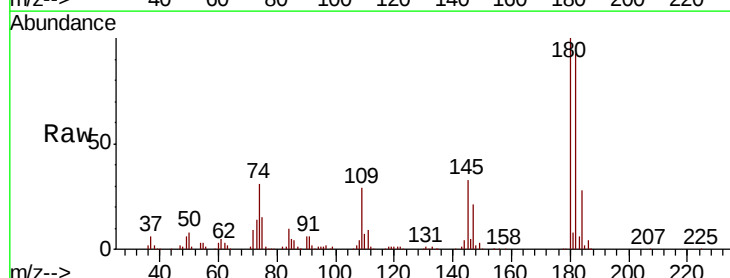
Manual Integrations
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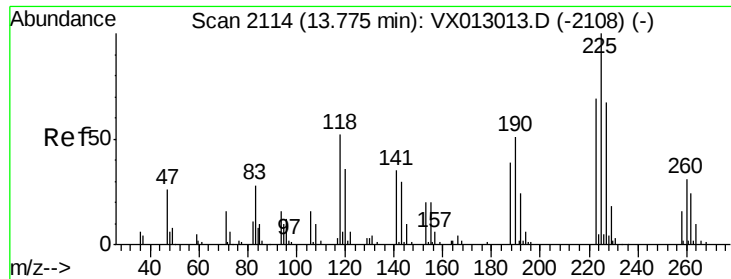
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#93
 1,2,4-Trichlorobenzene
 Concen: 49.307 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	46.8	140.4
145	33.0	16.2	48.6





#94

Hexachlorobutadiene

Concen: 46.938 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Instrument :

MSVOA_X

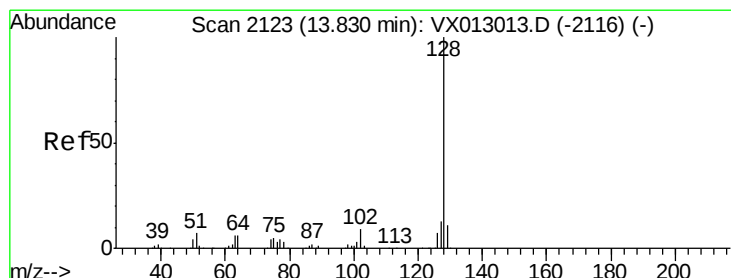
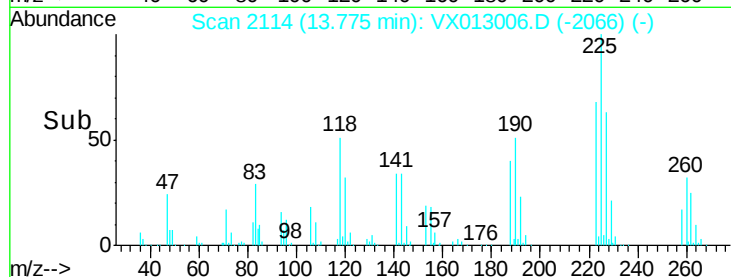
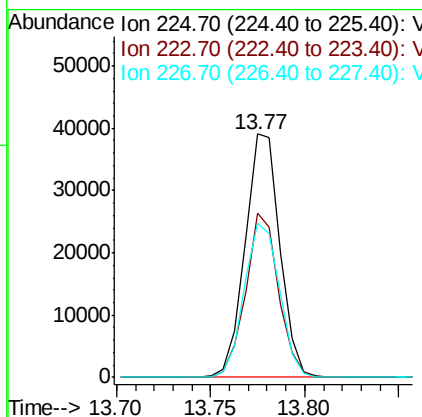
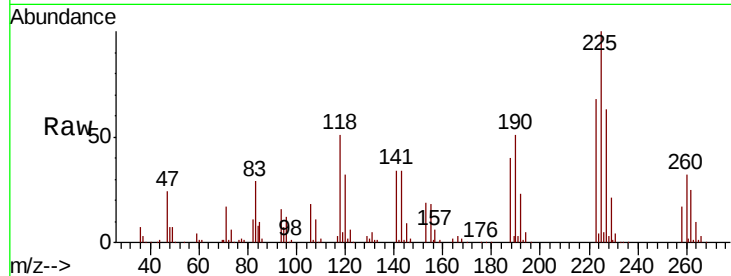
ClientSampleId :

FA19-JMW1964MS

Tot Ion:	225	Resp:	50002
Ion Ratio	Lower	Upper	
225	100		
223	63.5	31.1	93.2
227	64.2	32.3	96.9

Manual Integrations
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#95

Naphthalene

Concen: 50.722 ug/l

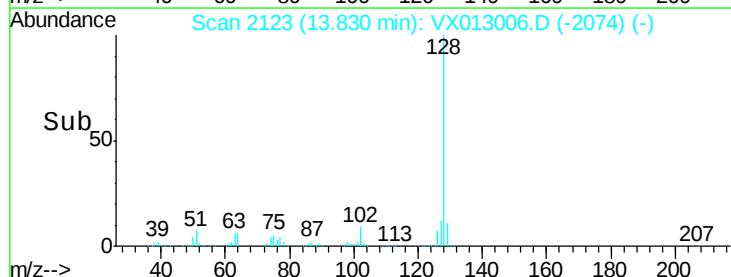
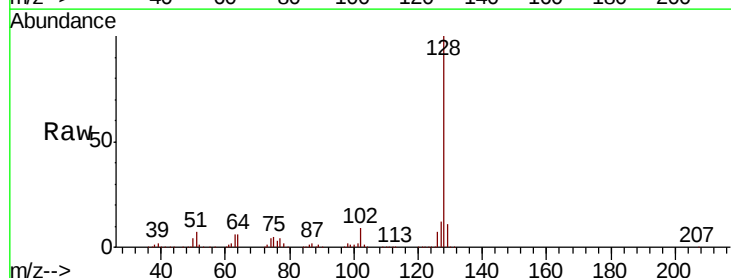
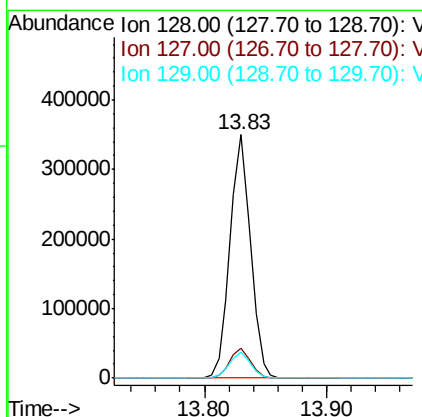
RT: 13.83 min Scan# 2123

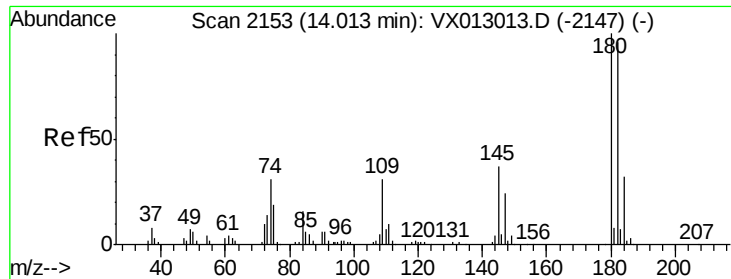
Delta R.T. -0.00 min

Lab File: VX013006.D

Acq: 10 Oct 2019 19:13

Tgt Ion:	128	Resp:	405862
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.2	15.4
129	10.9	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 49.325 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX013006.D
 Acq: 10 Oct 2019 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

Tot Ion:	180	Resp:	117657
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.5	142.5
145	34.7	17.4	52.3

Manual Integrations
 APPROVED

MMDadoda
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