

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071619\
 Data File : VX010919.D
 Acq On : 16 Jul 2019 20:12
 Operator : JC/SP
 Sample : K3791-14MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MS

Manual Integrations
 APPROVED

MMDadoda
 7/17/2019 1:23:15 PM

Quant Time: Jul 17 05:48:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	225339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	317761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115345	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
35) Dibromofluoromethane	5.49	113	103650	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
50) Toluene-d8	8.71	98	387589	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
62) 4-Bromofluorobenzene	11.13	95	148828	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	121297	50.476	ug/l	100
3) Chloromethane	1.32	50	109305	52.748	ug/l	98
4) Vinyl Chloride	1.41	62	114423	54.135	ug/l	97
5) Bromomethane	1.64	94	57383	48.177	ug/l	100
6) Chloroethane	1.72	64	69647	51.851	ug/l	98
7) Trichlorofluoromethane	1.93	101	188475	52.678	ug/l	100
8) Diethyl Ether	2.19	74	63269	51.324	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	100359	49.126	ug/l	99
10) Methyl Iodide	2.51	142	141559	52.804	ug/l	99
11) Tert butyl alcohol	3.04	59	122708	219.788	ug/l #	73
12) 1,1-Dichloroethene	2.37	96	105163	52.394	ug/l	98
13) Acrolein	2.29	56	74713	231.621	ug/l	99
14) Allyl chloride	2.73	41	153029	52.489	ug/l	100
15) Acrylonitrile	3.14	53	321830	285.272	ug/l	94
16) Acetone	2.45	43	245168	226.437	ug/l	98
17) Carbon Disulfide	2.57	76	272720	52.969	ug/l	100
18) Methyl Acetate	2.78	43	111557	45.249	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	338883	52.447	ug/l #	1
20) Methylene Chloride	2.85	84	116121	50.608	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	109883	51.596	ug/l	95
22) Diisopropyl ether	3.85	45	318002	51.717	ug/l	96
23) Vinyl Acetate	3.81	43	1237444	237.516	ug/l	100
24) 1,1-Dichloroethane	3.70	63	185404	51.919	ug/l	99
25) 2-Butanone	4.67	43	399832	257.254	ug/l	98
26) 2,2-Dichloropropane	4.59	77	125868	42.928	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	129296	52.458	ug/l	96
28) Bromochloromethane	5.01	49	80991	48.130	ug/l	99
29) Tetrahydrofuran	5.13	42	255726	259.749	ug/l	99
30) Chloroform	5.21	83	200380	51.914	ug/l	94
31) Cyclohexane	5.58	56	682601	209.713	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	175821	52.651	ug/l	99
36) 1,1-Dichloropropene	5.80	75	146159	51.718	ug/l	100
37) Ethyl Acetate	4.83	43	137684	47.579	ug/l	99
38) Carbon Tetrachloride	5.79	117	155506	52.805	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	827236	225.720	ug/l	99
40) Benzene	6.14	78	442488	51.114	ug/l	99
41) Methacrylonitrile	5.04	41	84739	51.583	ug/l	97
42) 1,2-Dichloroethane	6.19	62	155506	51.664	ug/l	100
43) Isopropyl Acetate	6.45	43	241516	50.757	ug/l	98
44) Trichloroethene	7.21	130	130426	50.899	ug/l	96
45) 1,2-Dichloropropane	7.51	63	119690	54.322	ug/l	100
46) Dibromomethane	7.66	93	82180	52.197	ug/l	100
47) Bromodichloromethane	7.90	83	150145	53.573	ug/l	100
48) Methyl methacrylate	7.77	41	151559	65.383	ug/l	89
49) 1,4-Dioxane	7.74	88	58195	897.514	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	823820	267.082	ug/l	99
52) Toluene	8.78	92	289395	50.888	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	158803	52.697	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	174236	51.960	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	117351	50.116	ug/l	96
56) Ethyl methacrylate	9.18	69	193400	56.465	ug/l	96
57) 1,3-Dichloropropane	9.37	76	192501	51.823	ug/l	100
59) 2-Hexanone	9.49	43	639045	267.114	ug/l	99
60) Dibromochloromethane	9.58	129	130323	48.443	ug/l	100
61) 1,2-Dibromoethane	9.67	107	131932	53.091	ug/l	100
64) Tetrachloroethene	9.34	164	114043	45.621	ug/l	95
65) Chlorobenzene	10.13	112	327639	50.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	121297	52.881	ug/l	99
67) Ethyl Benzene	10.25	91	1149097	103.439	ug/l	100
68) m/p-Xylenes	10.36	106	659284	154.714	ug/l	100
69) o-Xylene	10.69	106	222702	53.549	ug/l	99
70) Styrene	10.71	104	372279	53.698	ug/l	99
71) Bromoform	10.85	173	99690	47.848	ug/l #	99
73) Isopropylbenzene	11.02	105	851985	70.749	ug/l	100
74) N-amyl acetate	10.90	43	213202	46.335	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	196123	49.765	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	158836m	49.388	ug/l	
77) Bromobenzene	11.26	156	157079	47.288	ug/l	97
78) n-propylbenzene	11.36	91	1273578	95.715	ug/l	99
79) 2-Chlorotoluene	11.42	91	421595	52.745	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	1063569	105.695	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52304	41.904	ug/l	94
82) 4-Chlorotoluene	11.51	91	525411	56.476	ug/l	93
83) tert-Butylbenzene	11.77	119	518604	52.469	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	2301542	226.928	ug/l	100
85) sec-Butylbenzene	11.94	105	659658	56.958	ug/l	98
86) p-Isopropyltoluene	12.06	119	628278	58.679	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	286388	49.681	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	288317	48.767	ug/l	98
89) n-Butylbenzene	12.38	91	582041	63.540	ug/l	88
90) Hexachloroethane	12.59	117	122529	72.554	ug/l	72
91) 1,2-Dichlorobenzene	12.39	146	286504	50.148	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46868	56.894	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	199819	51.608	ug/l	97

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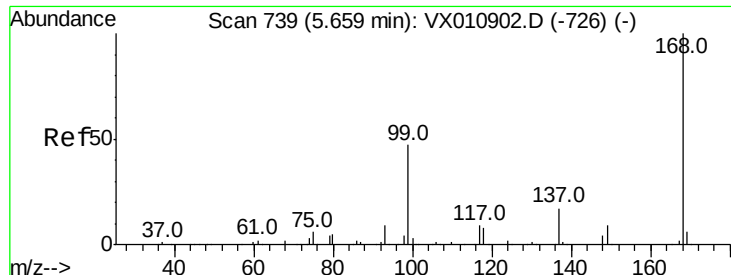
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	95767	49.913	ug/l	98
95) Naphthalene	13.83	128	792241	69.292	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	197373	51.233	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

Tot Ion:168 Resp: 225339

Ion Ratio Lower Upper

168 100

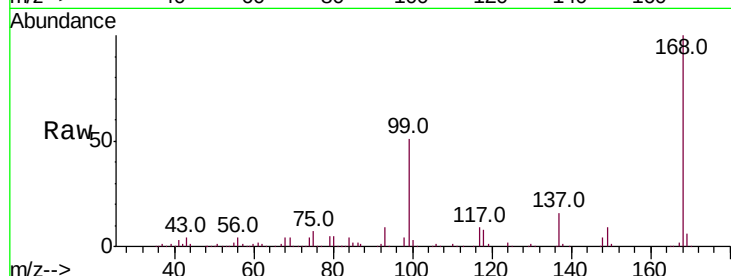
99 51.1 37.6 56.4

Manual Integrations

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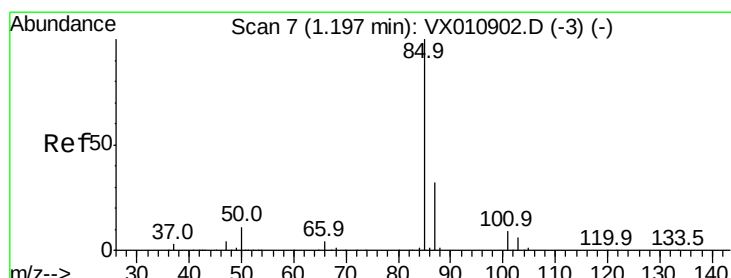
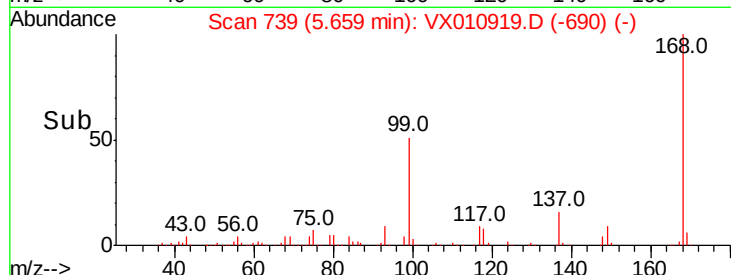
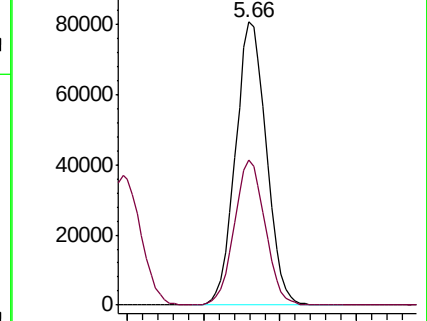
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.476 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010919.D

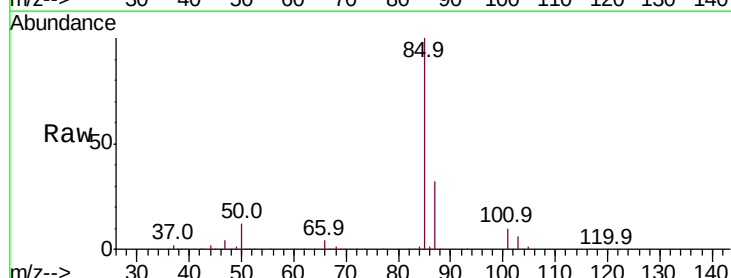
Acq: 16 Jul 2019 20:12

Tgt Ion: 85 Resp: 121297

Ion Ratio Lower Upper

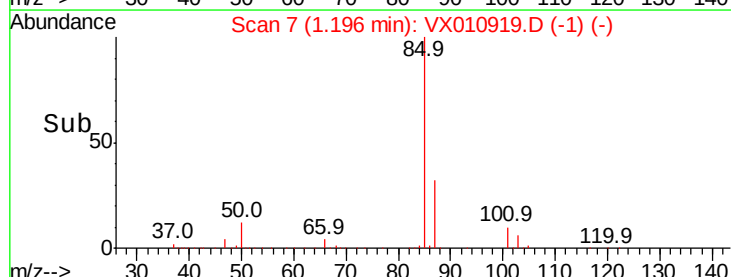
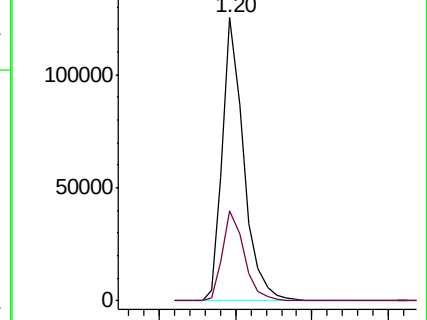
85 100

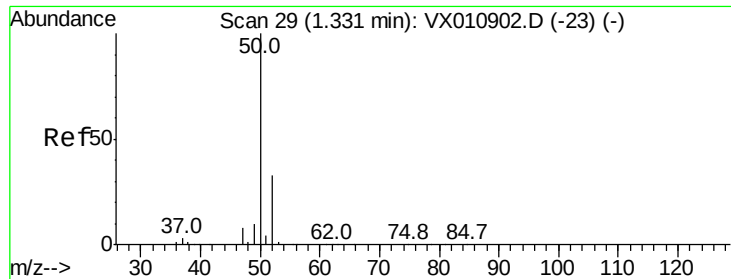
87 31.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 52.748 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

FL-0604MS

Tot Ion: 50 Resp: 109305

Ion Ratio Lower Upper

50 100

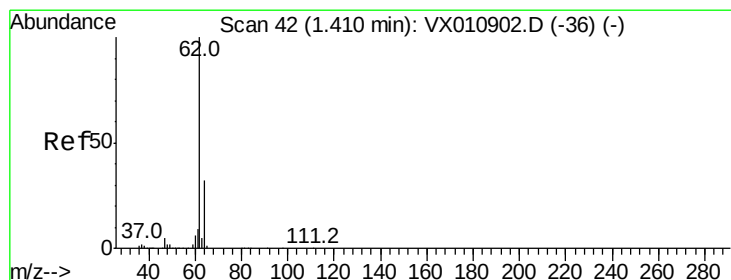
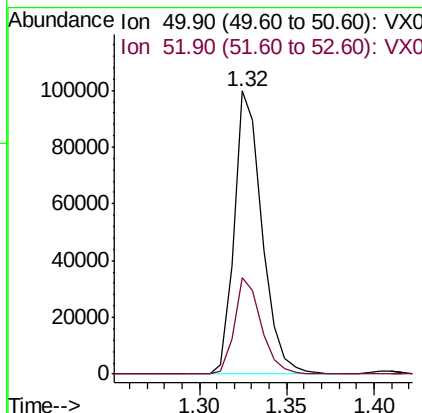
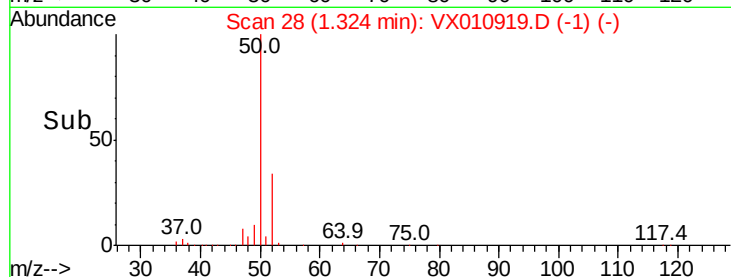
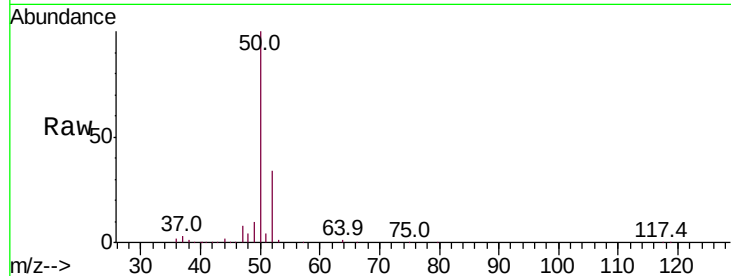
52 34.2 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 54.135 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010919.D

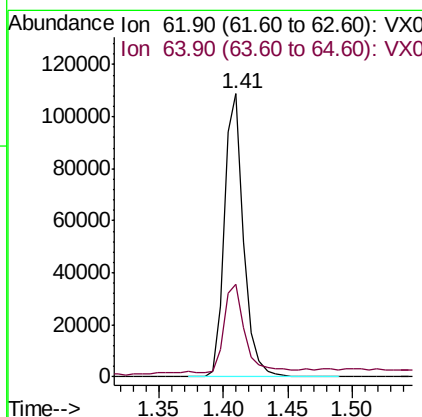
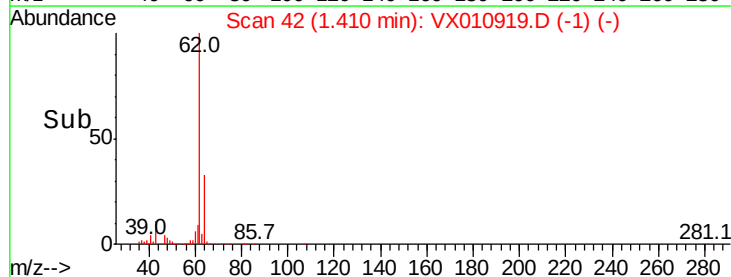
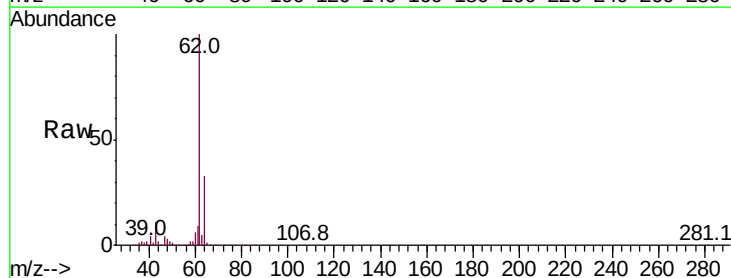
Acq: 16 Jul 2019 20:12

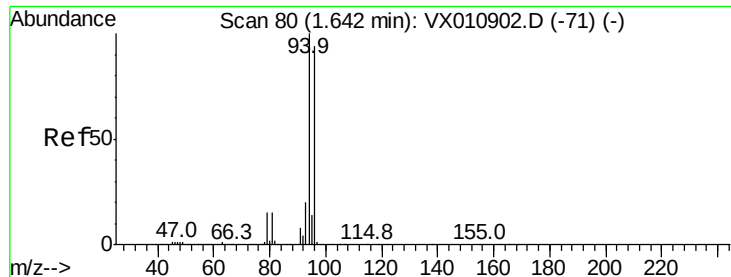
Tgt Ion: 62 Resp: 114423

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5





#5

Bromomethane

Concen: 48.177 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

Tot Ion: 94 Resp: 57383

Ion Ratio Lower Upper

94 100

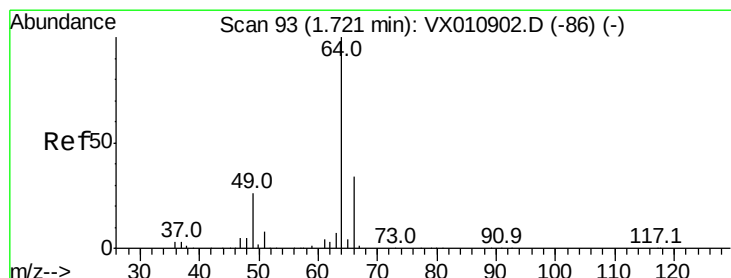
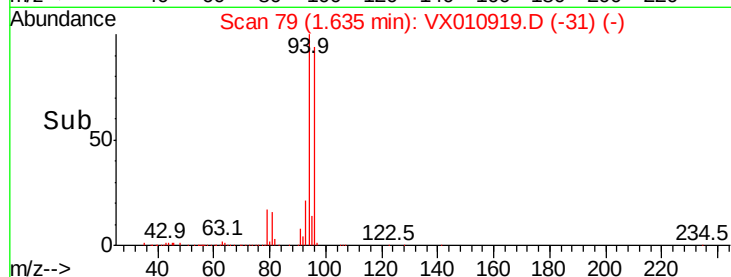
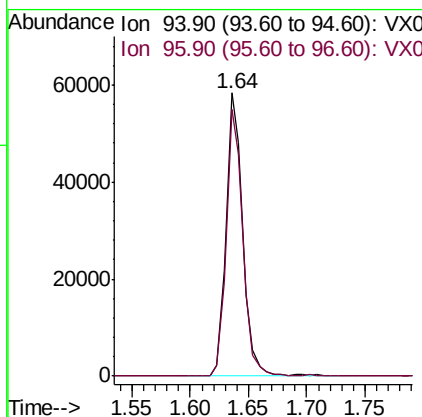
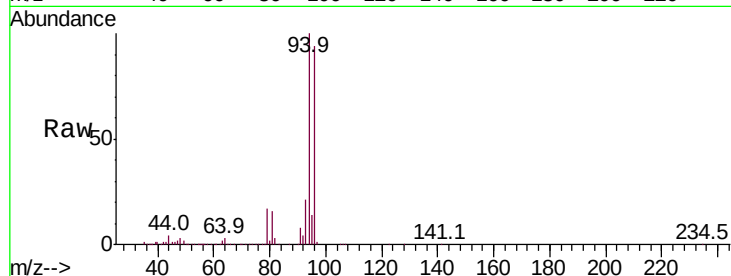
96 94.2 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 51.851 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX010919.D

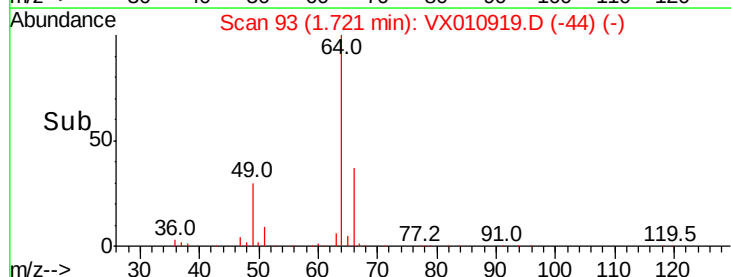
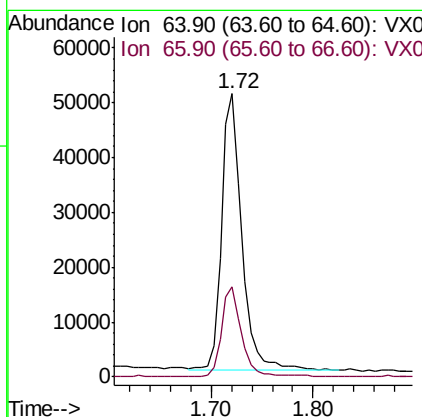
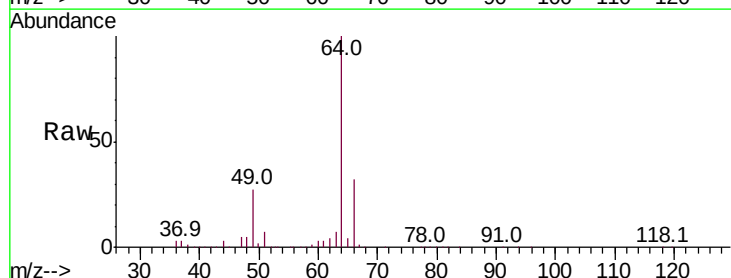
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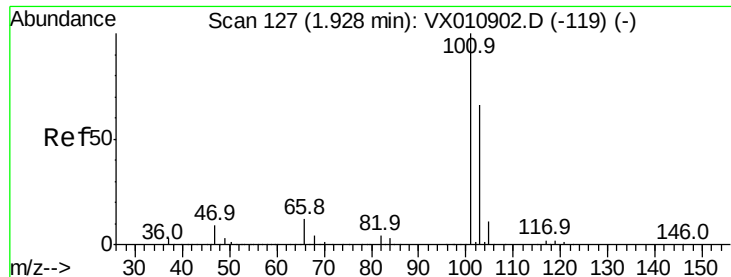
Tgt Ion: 64 Resp: 69647

Ion Ratio Lower Upper

64 100

66 32.4 27.0 40.6





#7

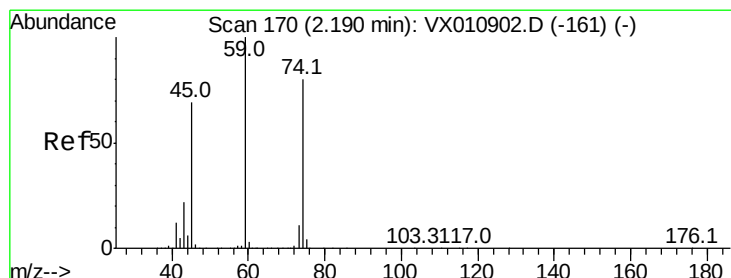
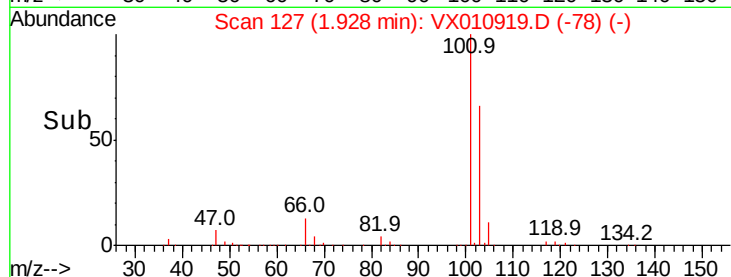
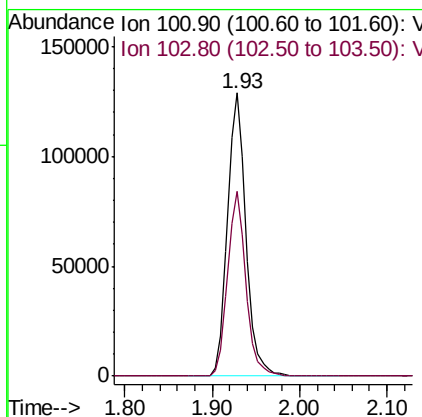
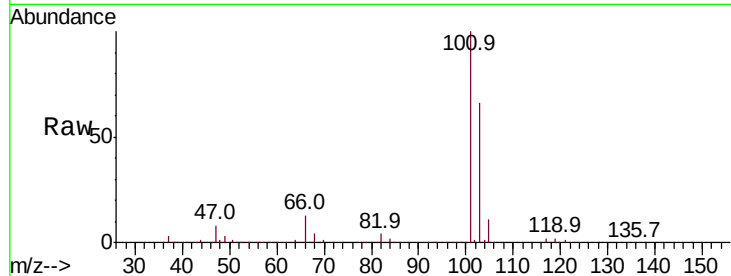
Trichlorofluoromethane
Concen: 52.678 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Instrument :
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ClientSampleId :
FL-0604MS

Tot Ion	Ratio	Resp	Lower	Upper
101	100	188475		
103	65.5	52.6	78.8	

Manual Integrations
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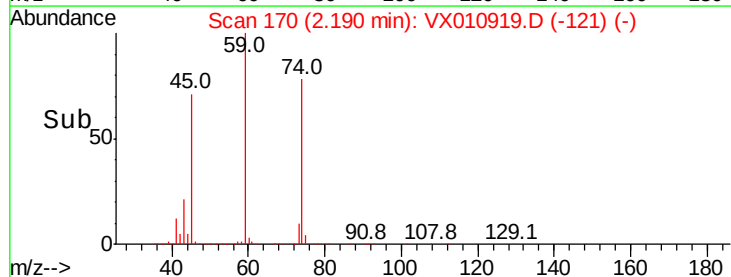
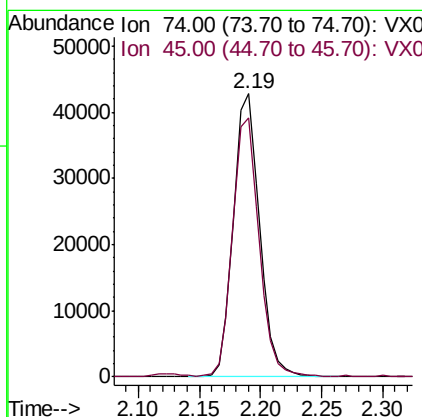
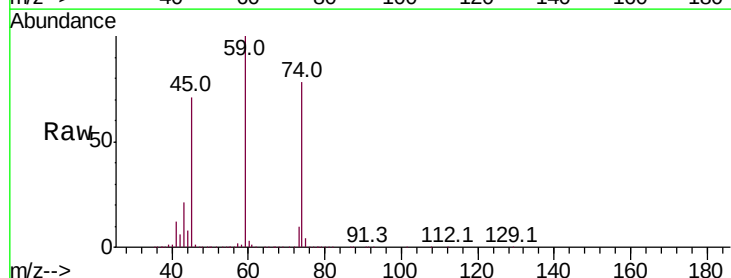
MMDadoda
7/17/2019 1:23:15 PM

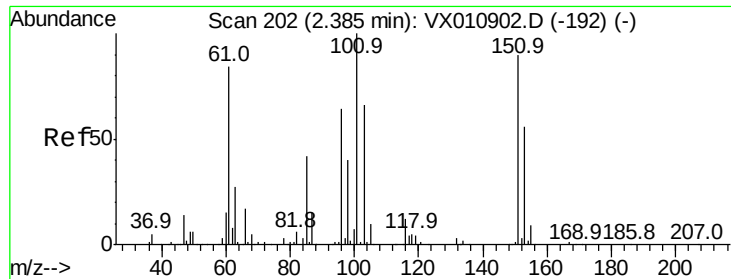


#8

Diethyl Ether
Concen: 51.324 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	63269		
45	91.8	45.5	136.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.126 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

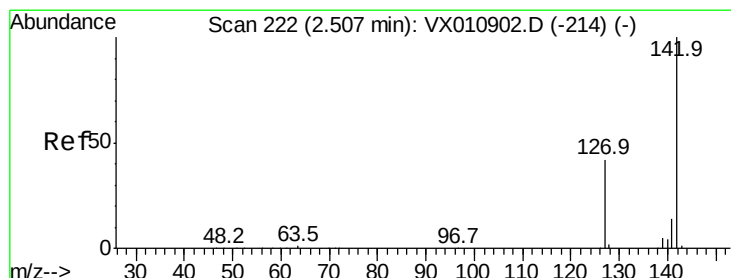
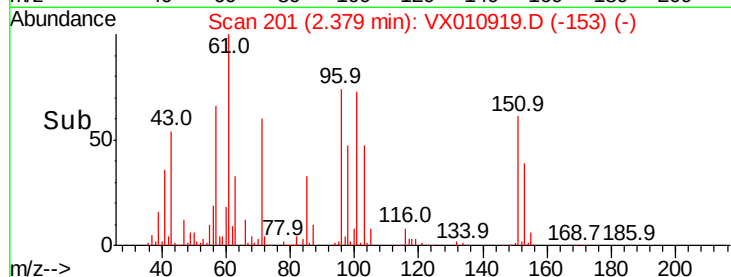
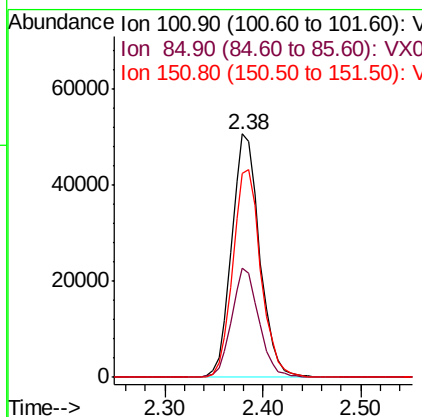
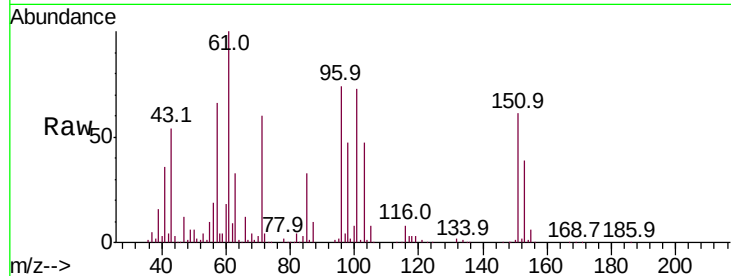
ClientSampled :

FL-0604MS

Tot Ion:	101	Resp:	100359
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.6	52.0
151	85.5	69.6	104.4

Manual Integrations
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#10

Methyl Iodide

Concen: 52.804 ug/l

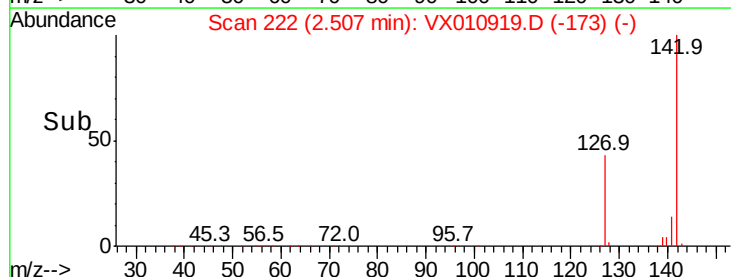
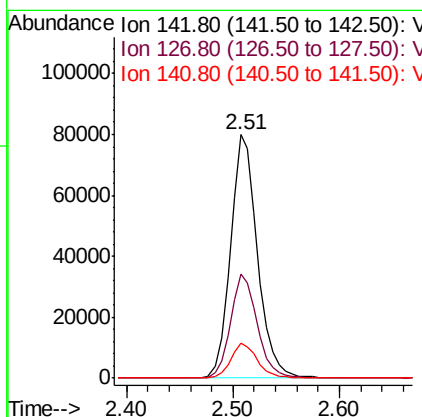
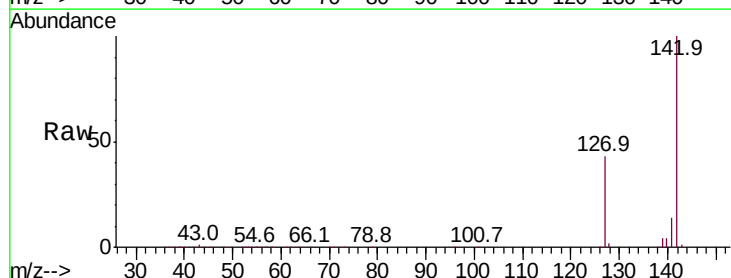
RT: 2.51 min Scan# 222

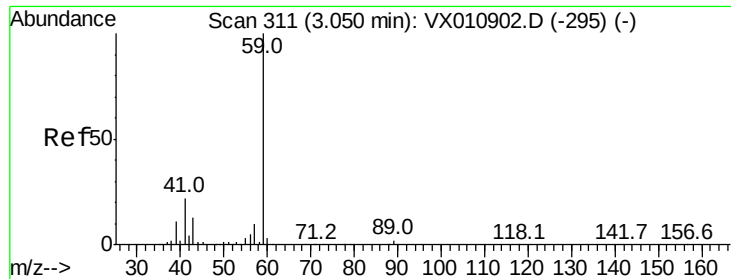
Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Tgt Ion:	142	Resp:	141559
Ion Ratio	Lower	Upper	
142	100		
127	42.5	34.2	51.4
141	14.2	11.7	17.5





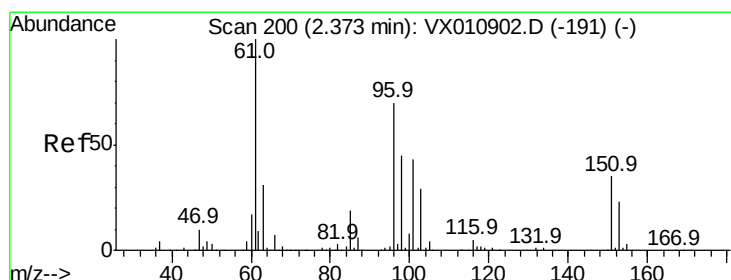
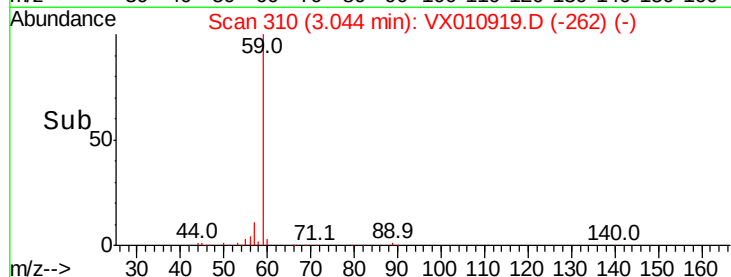
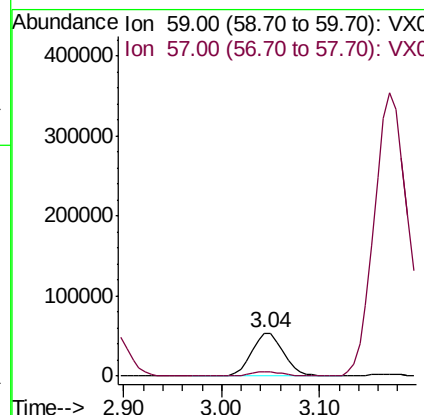
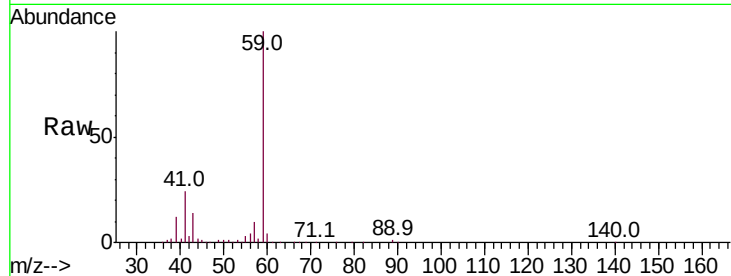
#11
Tert butyl alcohol
Concen: 219.788 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MS

Tot Ion: 59 Resp: 122708
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

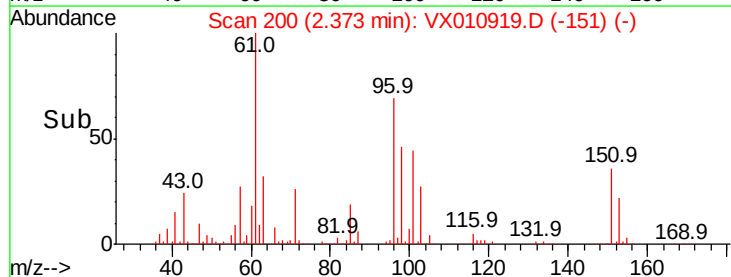
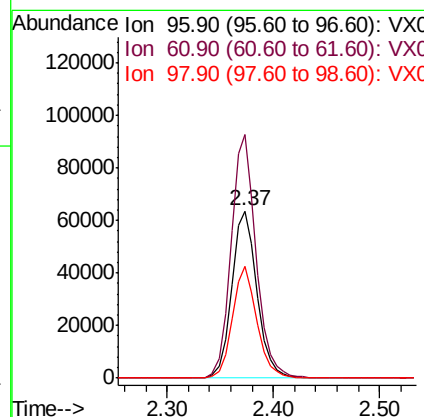
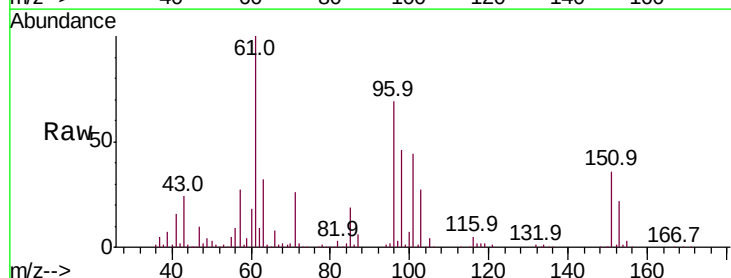
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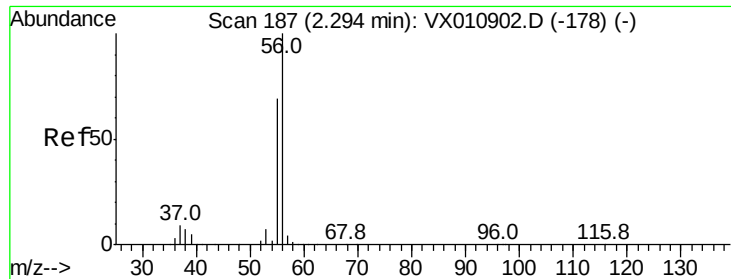
MMDadoda
7/17/2019 1:23:15 PM



#12
1,1-Dichloroethene
Concen: 52.394 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion: 96 Resp: 105163
Ion Ratio Lower Upper
96 100
61 145.5 115.0 172.4
98 66.8 52.2 78.2





#13

Acrolein

Concen: 231.621 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

Tot Ion: 56 Resp: 74713

Ion Ratio Lower Upper

56 100

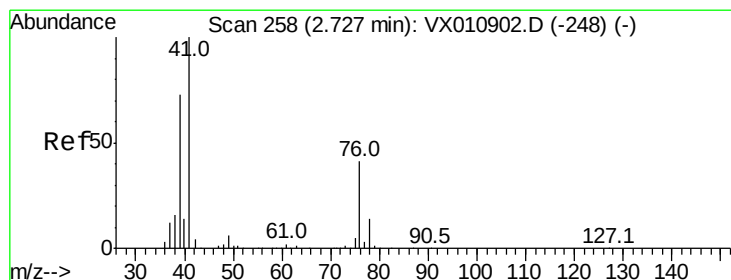
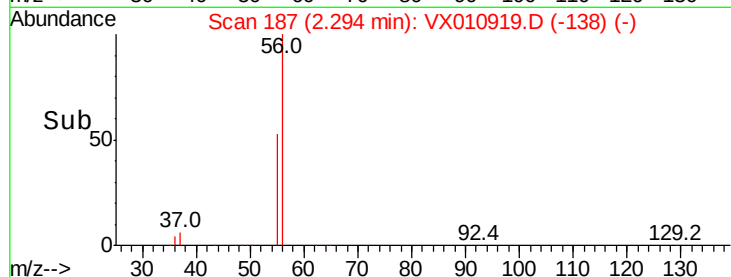
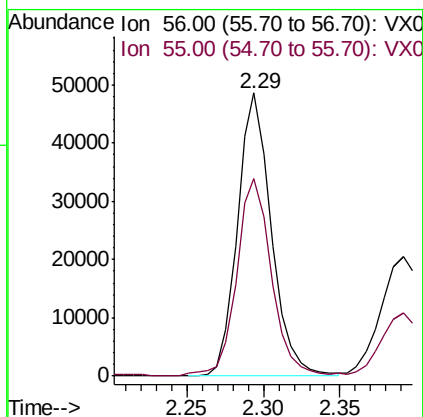
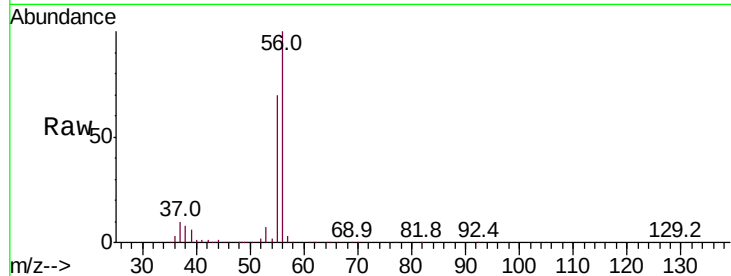
55 71.0 55.9 83.9

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 52.489 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

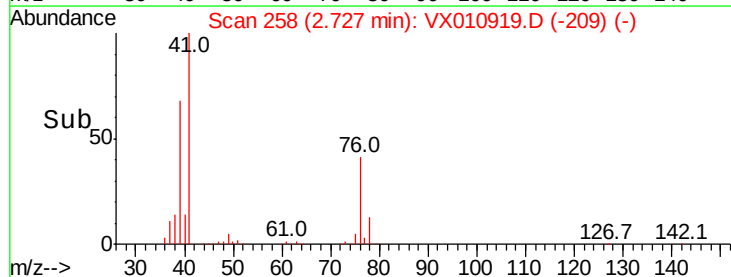
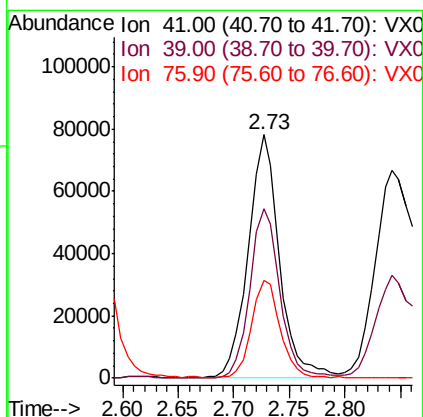
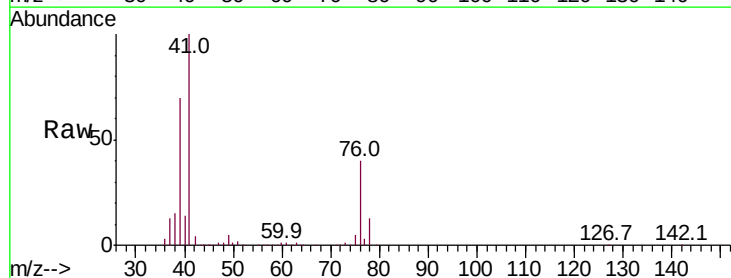
Tgt Ion: 41 Resp: 153029

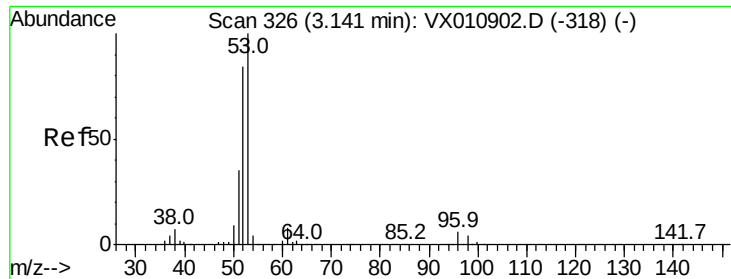
Ion Ratio Lower Upper

41 100

39 66.6 53.6 80.4

76 37.0 29.7 44.5





#15

Acrylonitrile

Concen: 285.272 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

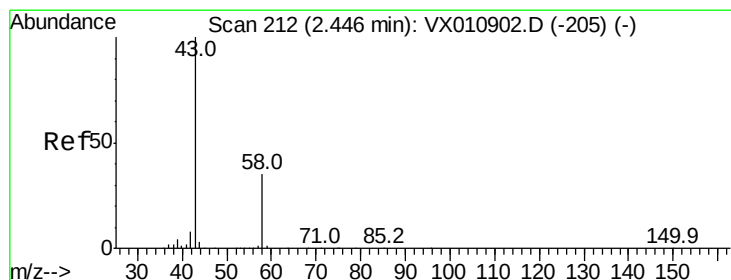
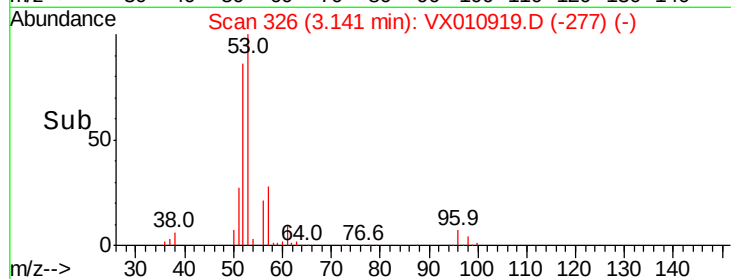
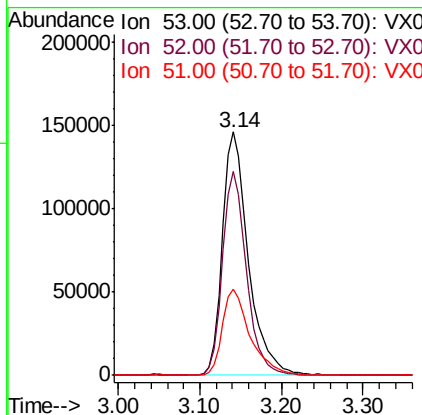
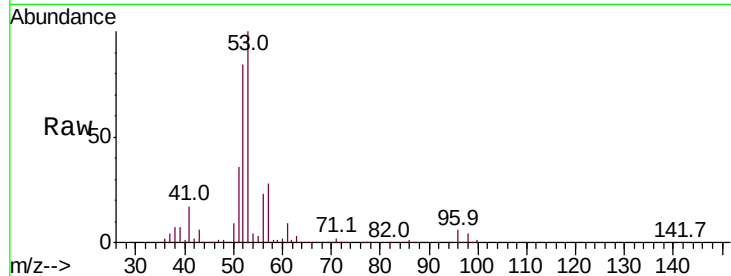
ClientSampleId :

FL-0604MS

Tot Ion:	53	Resp:	321830
Ion	Ratio	Lower	Upper
53	100		
52	77.5	66.5	99.7
51	37.8	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 226.437 ug/l

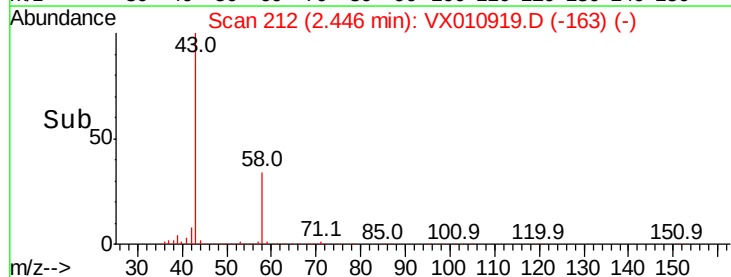
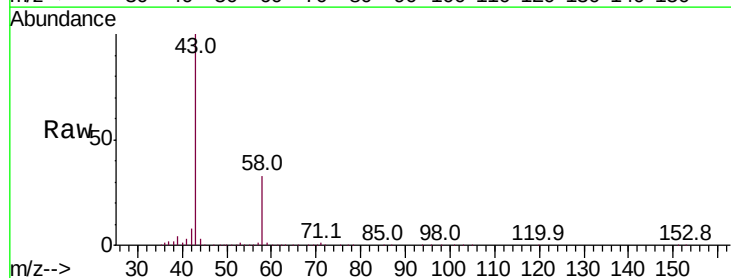
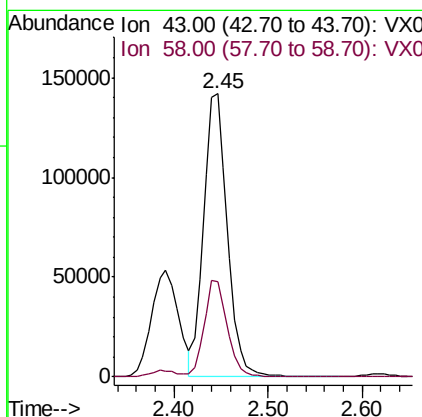
RT: 2.45 min Scan# 212

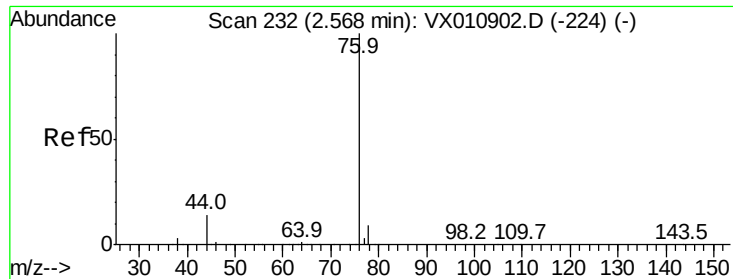
Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Tgt Ion:	43	Resp:	245168
Ion	Ratio	Lower	Upper
43	100		
58	33.4	27.7	41.5





#17

Carbon Disulfide

Concen: 52.969 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

Tot Ion: 76 Resp: 272720

Ion Ratio Lower Upper

76 100

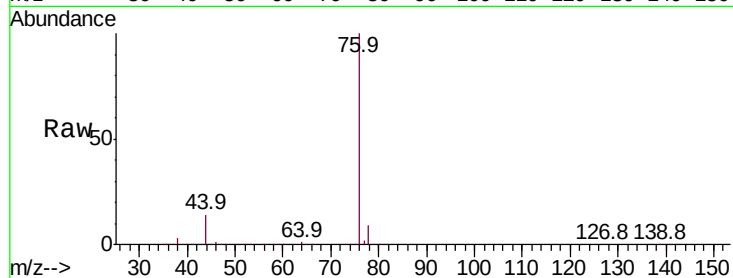
78 9.0 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

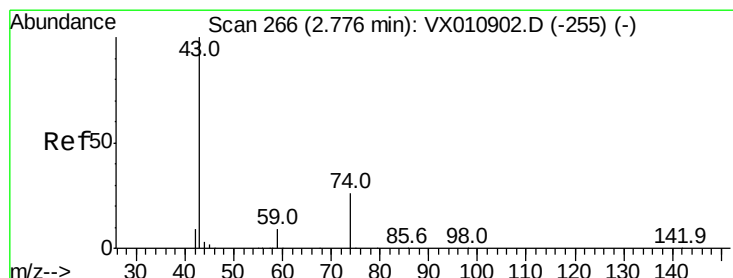
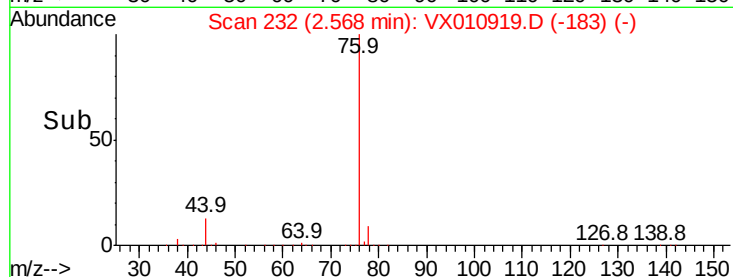
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 45.249 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010919.D

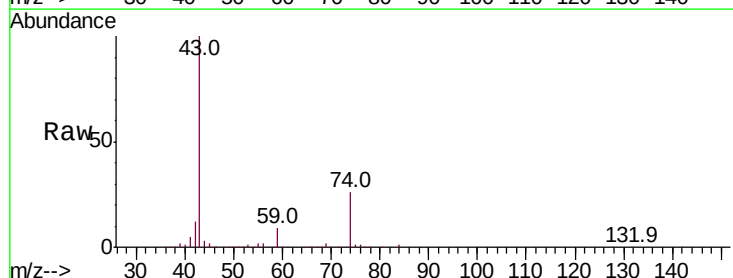
Acq: 16 Jul 2019 20:12

Tgt Ion: 43 Resp: 111557

Ion Ratio Lower Upper

43 100

74 25.7 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

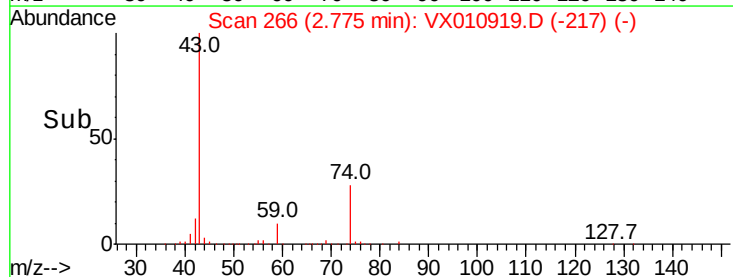
150000

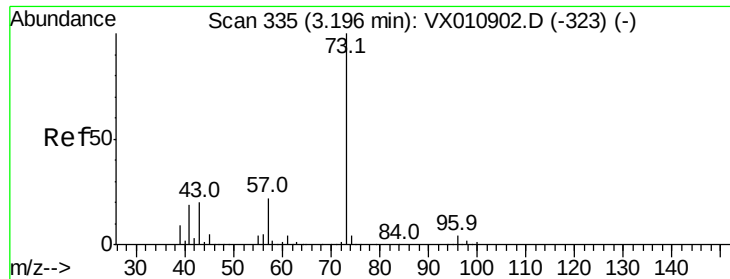
100000

50000

0

Time-->





#19

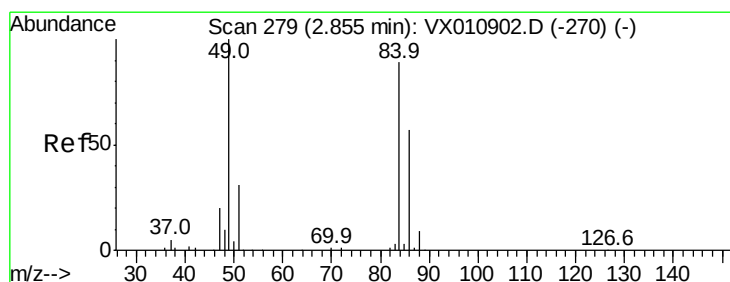
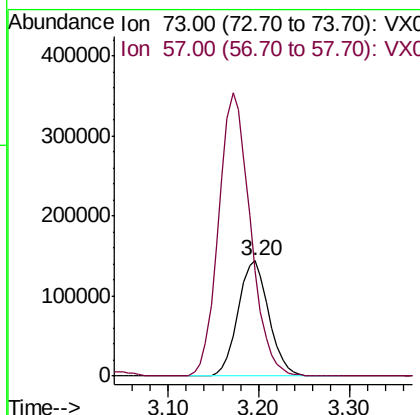
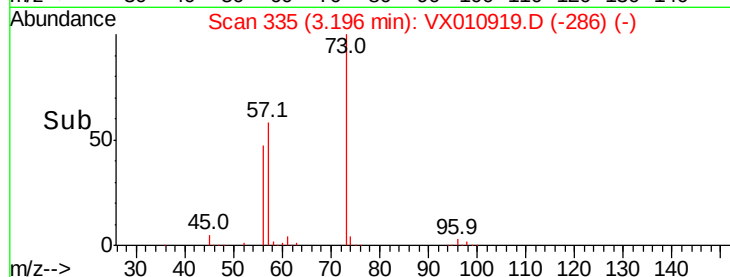
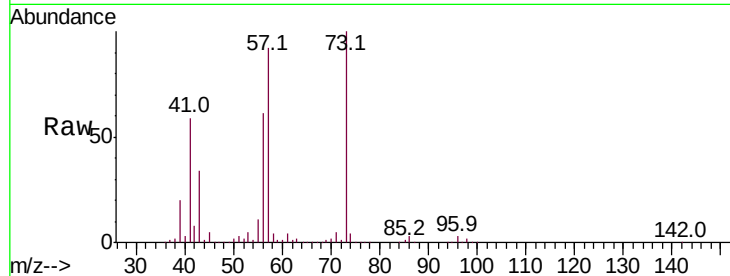
Methyl tert-butyl Ether
 Concen: 52.447 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MS

Tot Ion: 73 Resp: 338883
 Ion Ratio Lower Upper
 73 100
 57 91.8 17.3 25.9#

Manual Integrations
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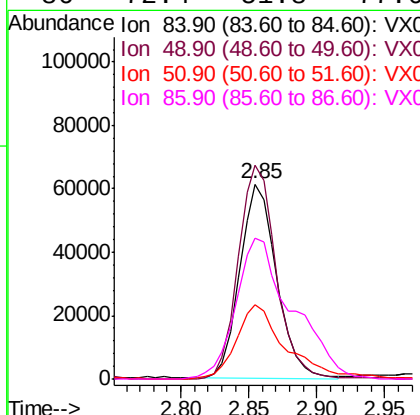
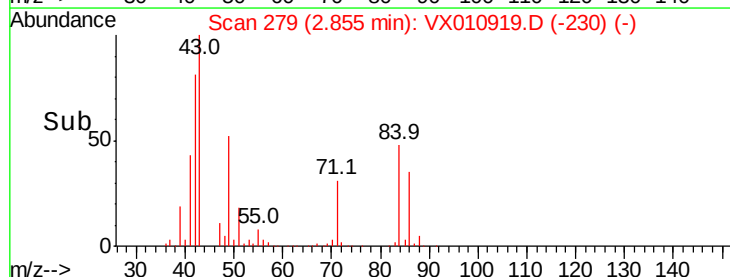
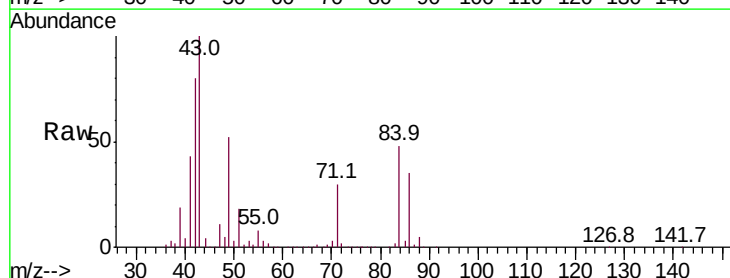
MMDadoda
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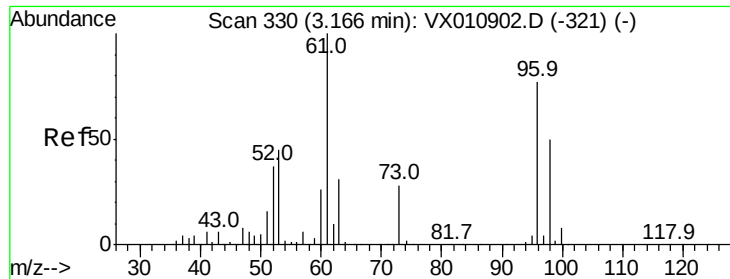


#20

Methylene Chloride
 Concen: 50.608 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Tgt Ion: 84 Resp: 116121
 Ion Ratio Lower Upper
 84 100
 49 110.0 89.9 134.9
 51 38.2 27.8 41.6
 86 72.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 51.596 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

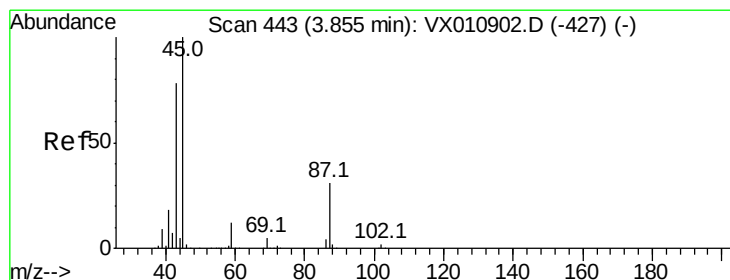
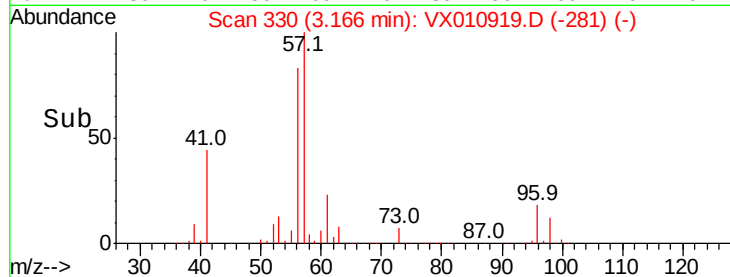
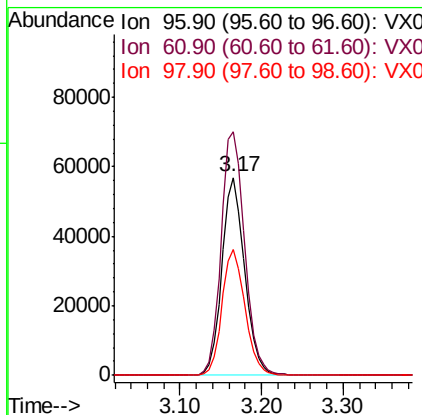
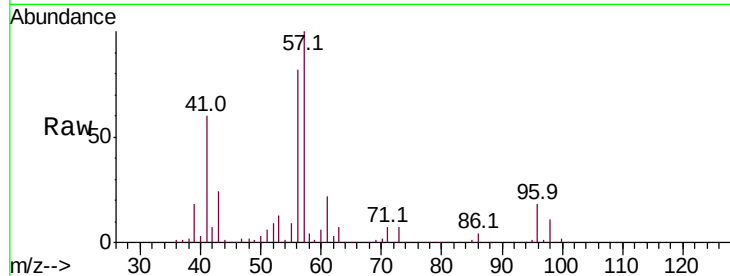
ClientSampleId :

FL-0604MS

Tot Ion:	96	Resp:	109883
Ion	Ratio	Lower	Upper
96	100		
61	123.1	104.2	156.2
98	63.8	52.2	78.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.717 ug/l

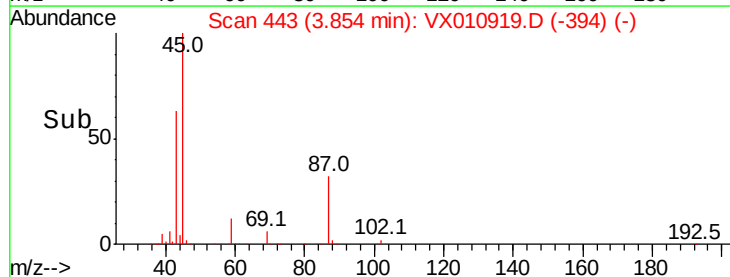
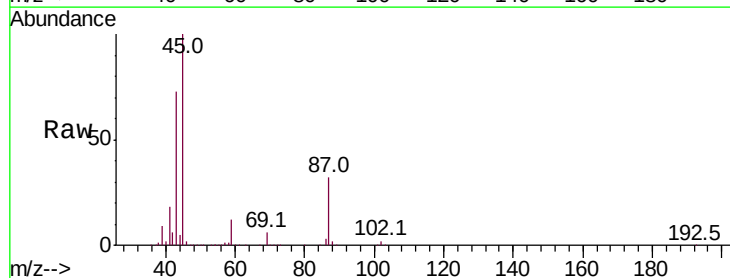
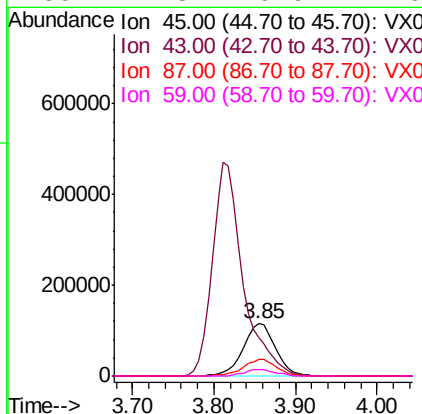
RT: 3.85 min Scan# 443

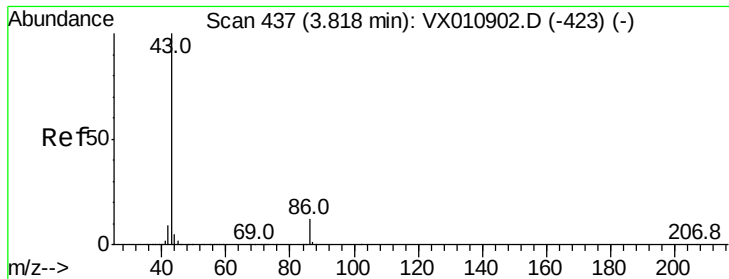
Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Tgt Ion:	45	Resp:	318002
Ion	Ratio	Lower	Upper
45	100		
43	72.9	62.3	93.5
87	32.5	25.0	37.4
59	11.8	9.9	14.9





#23

Vinyl Acetate

Concen: 237.516 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

FL-0604MS

Tot Ion: 43 Resp: 1237444

Ion Ratio Lower Upper

43 100

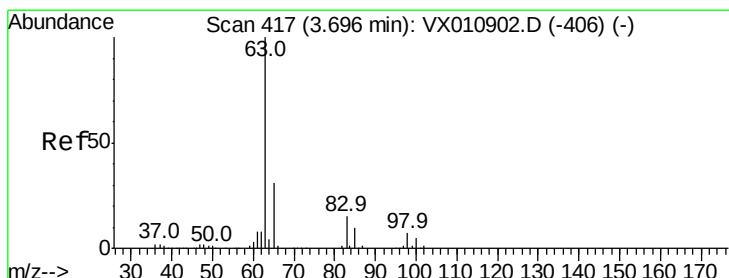
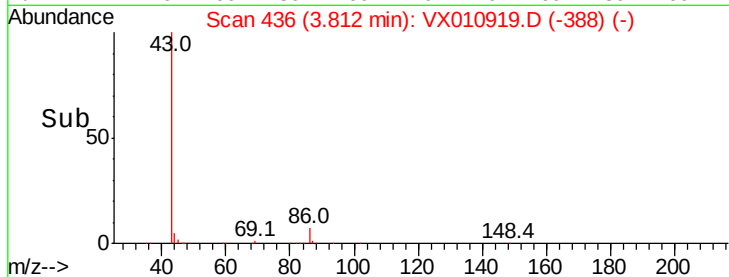
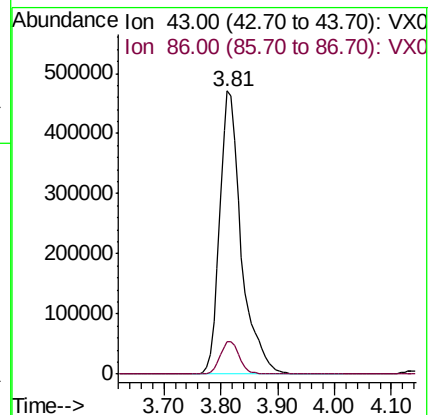
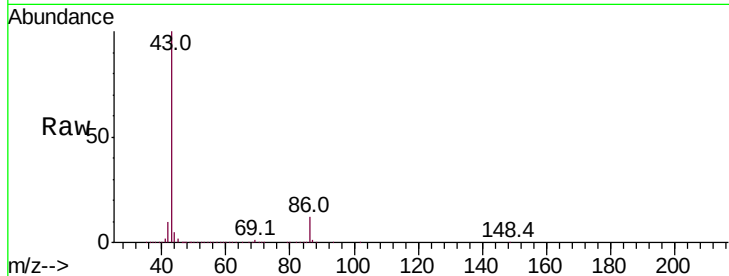
86 11.6 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.919 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

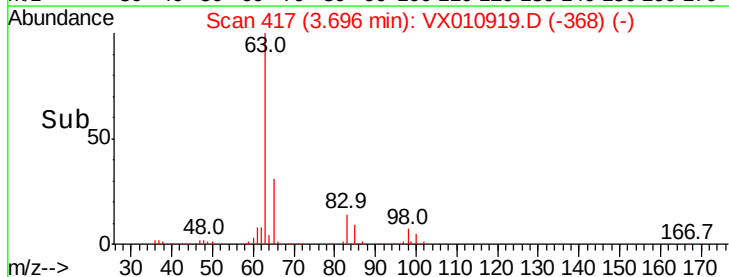
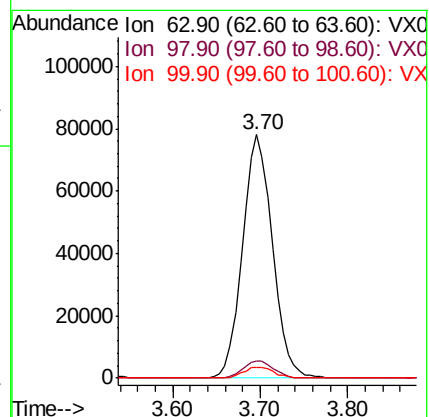
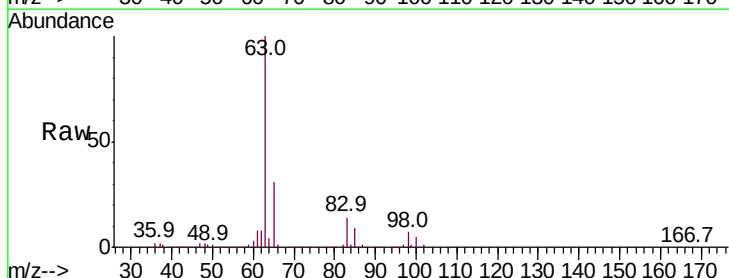
Tgt Ion: 63 Resp: 185404

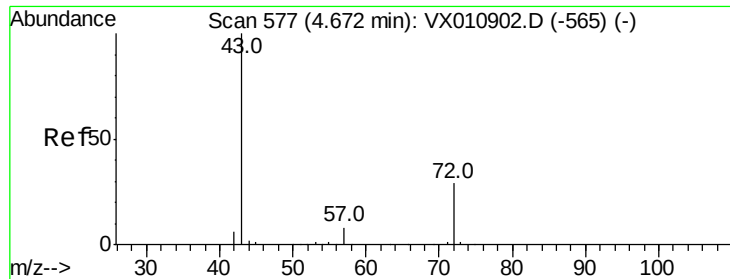
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 257.254 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

Tot Ion: 43 Resp: 399832

Ion Ratio Lower Upper

43 100

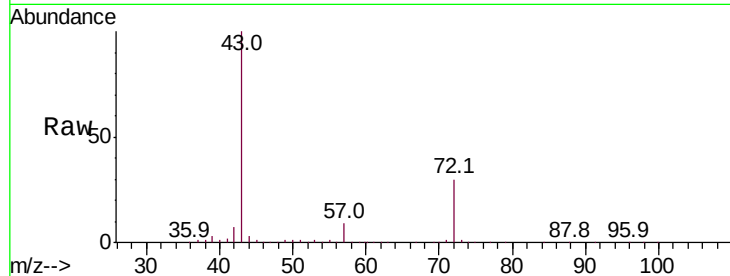
72 29.8 23.0 34.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

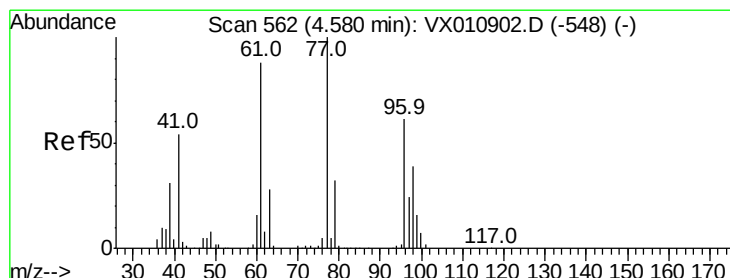
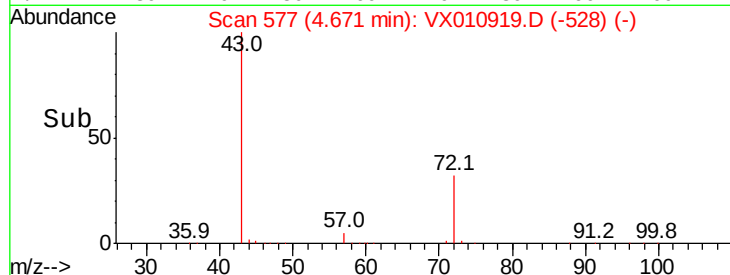
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 42.928 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010919.D

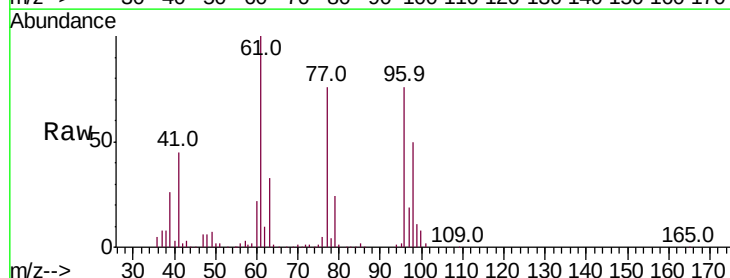
Acq: 16 Jul 2019 20:12

Tgt Ion: 77 Resp: 125868

Ion Ratio Lower Upper

77 100

97 25.7 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

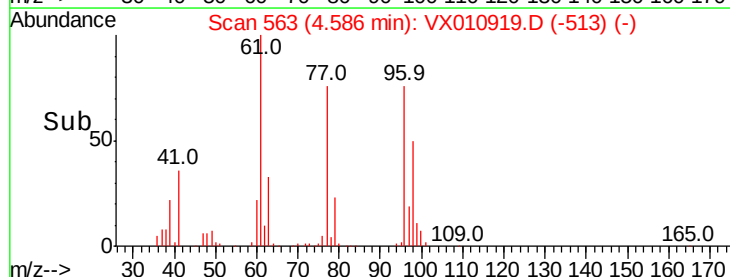
20000

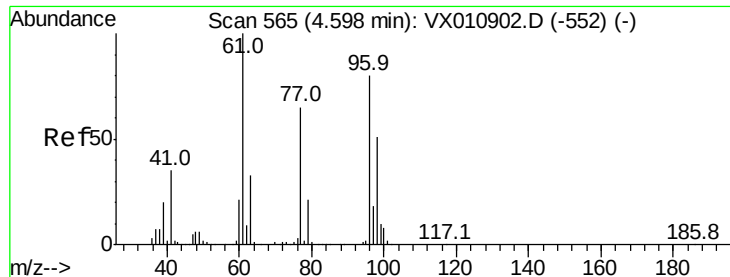
10000

0

4.50 4.60 4.70

Time-->





#27

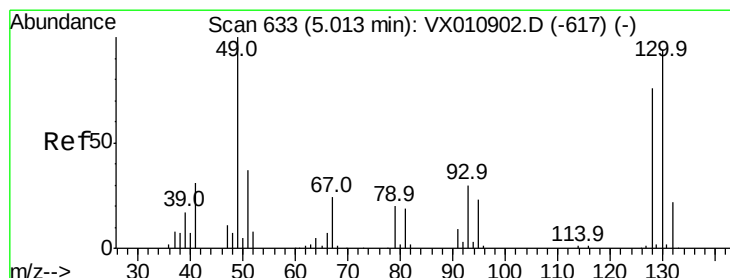
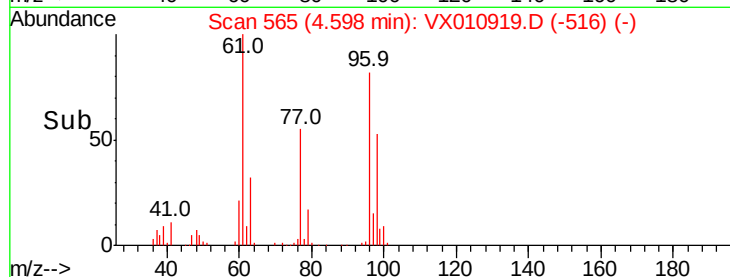
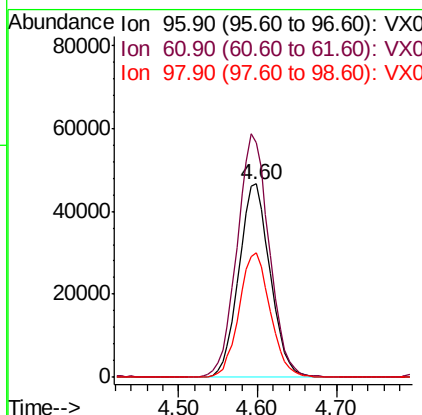
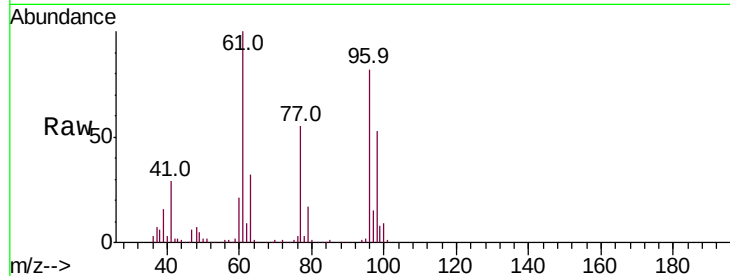
cis-1,2-Dichloroethene
Concen: 52.458 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	129296		
61	128.8	0.0	269.0	
98	64.0	0.0	131.4	

Manual Integrations
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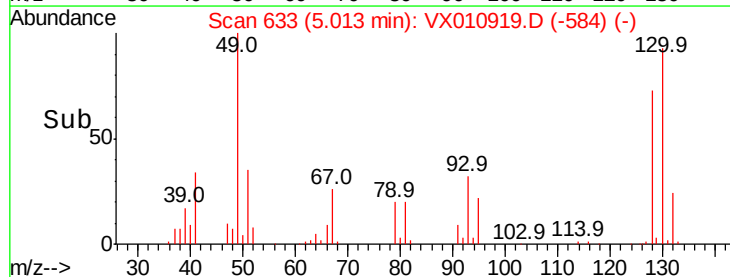
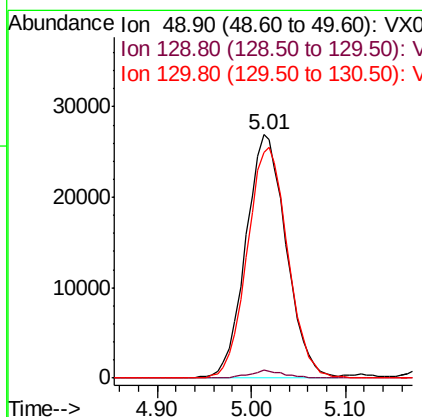
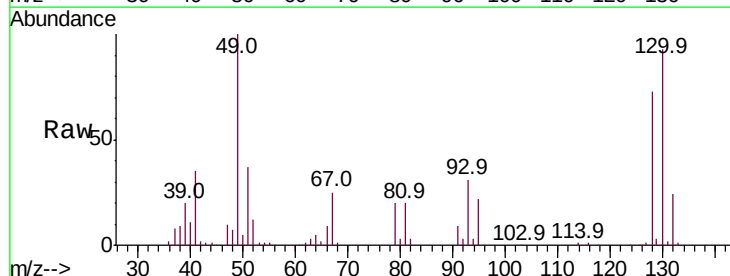
MMDadoda
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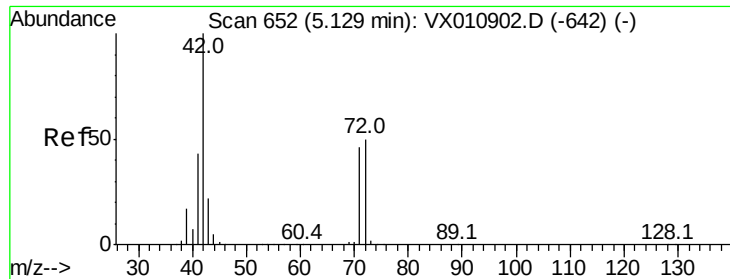


#28

Bromochloromethane
Concen: 48.130 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	80991		
129	2.8	0.0	5.2	
130	95.1	76.9	115.3	





#29

Tetrahydrofuran

Concen: 259.749 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

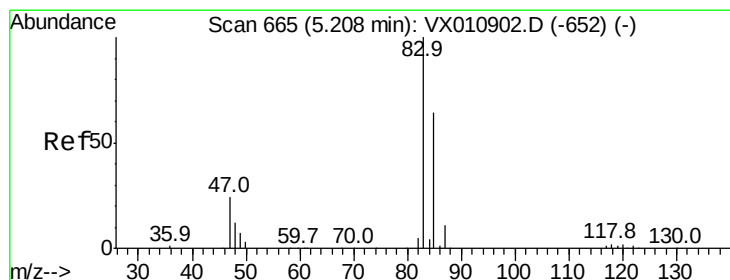
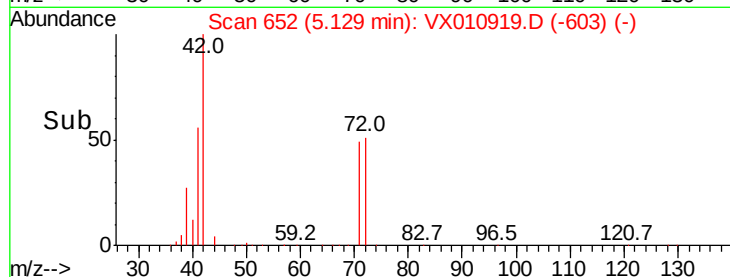
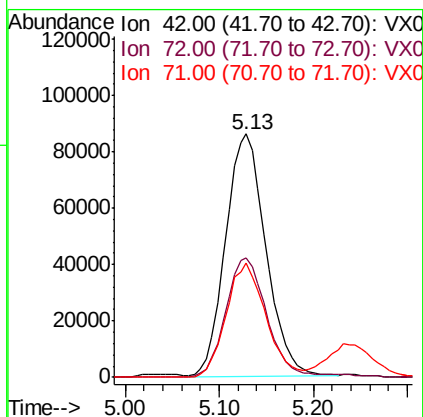
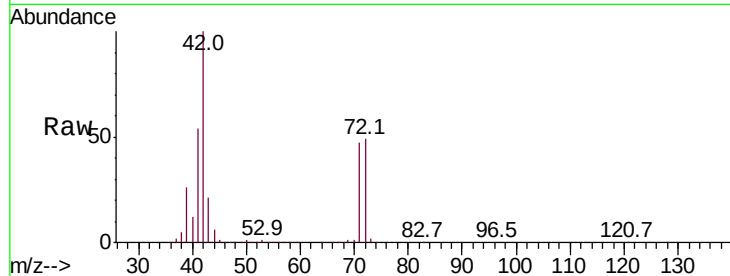
ClientSampled :

FL-0604MS

Tot Ion:	42	Resp:	255726
Ion Ratio	Lower	Upper	
42	100		
72	50.3	39.8	59.8
71	46.6	37.0	55.4

Manual Integrations
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#30

Chloroform

Concen: 51.914 ug/l

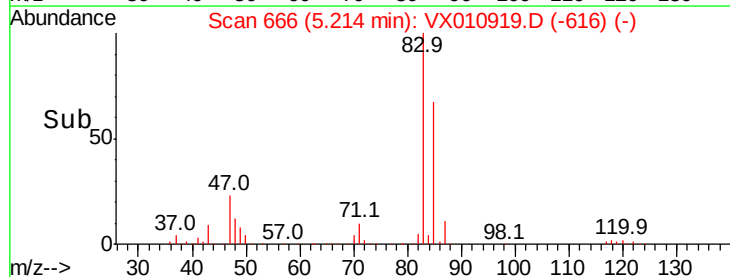
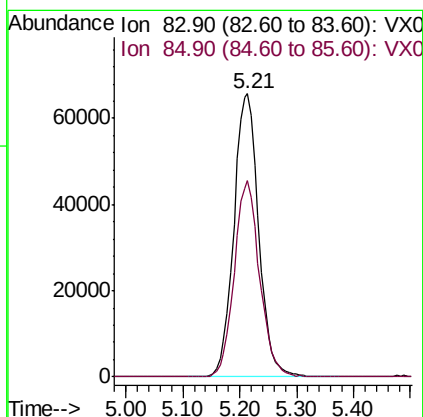
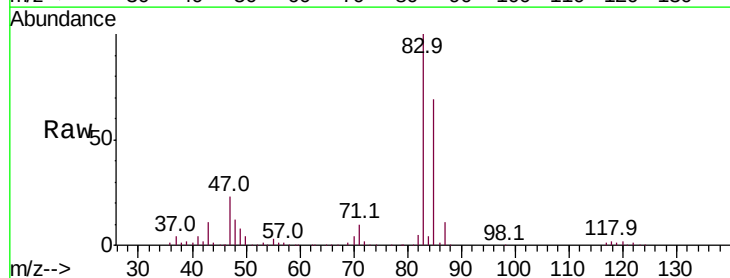
RT: 5.21 min Scan# 666

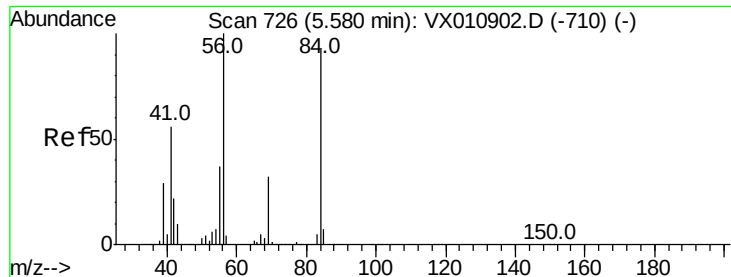
Delta R.T. 0.01 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Tgt Ion:	83	Resp:	200380
Ion Ratio	Lower	Upper	
83	100		
85	69.2	51.4	77.0





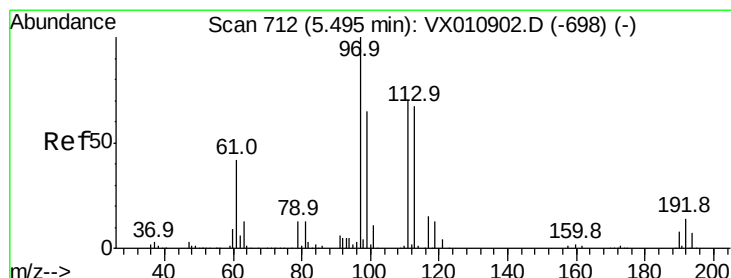
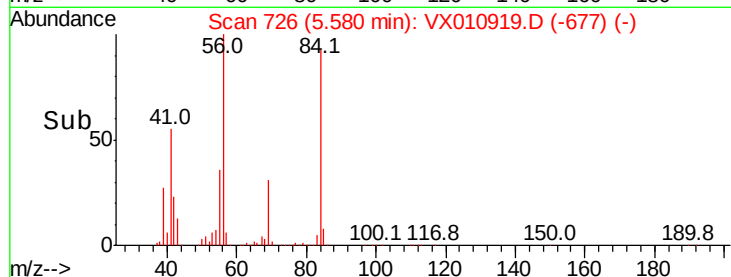
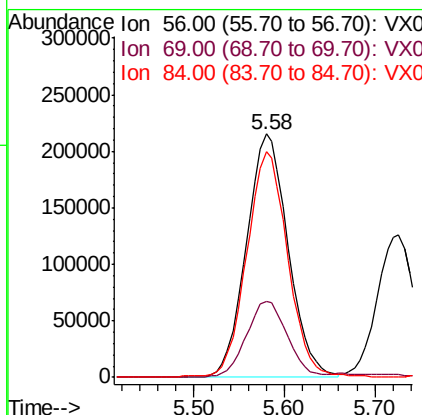
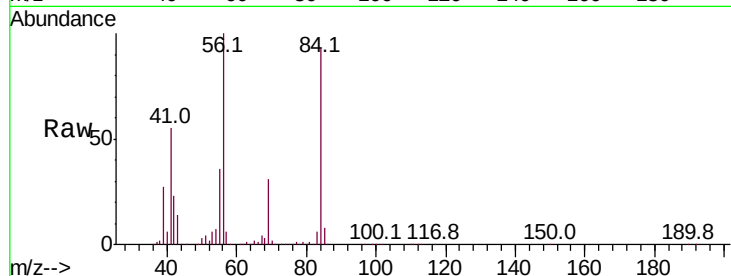
#31
Cyclohexane
Concen: 209.713 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Instrument :
MSVOA_X
ClientSampled :
FL-0604MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.8	38.8
84	92.4	73.8	110.6

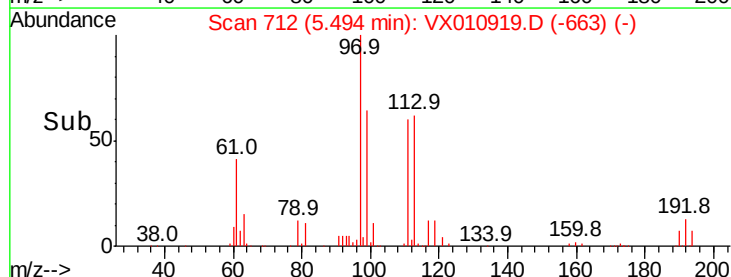
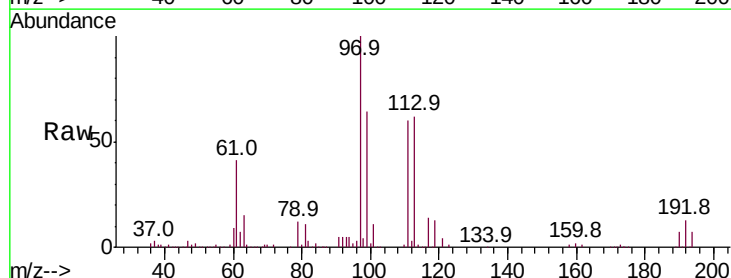
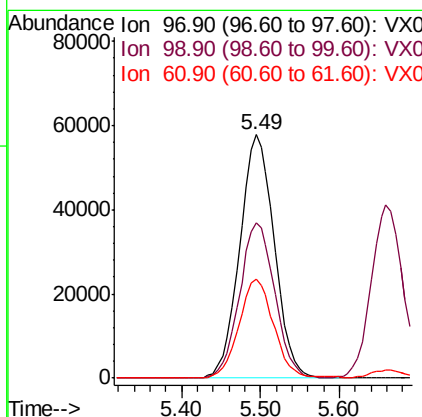
Manual Integrations
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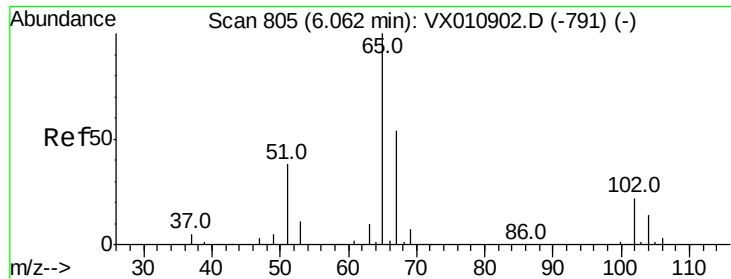
MMDadoda
7/17/2019 1:23:15 PM



#32
1,1,1-Trichloroethane
Concen: 52.651 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.0
61	41.1	33.0	49.6





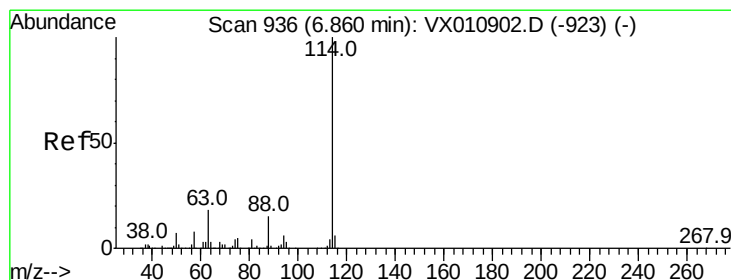
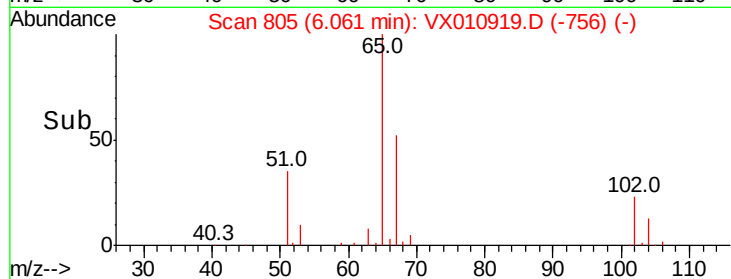
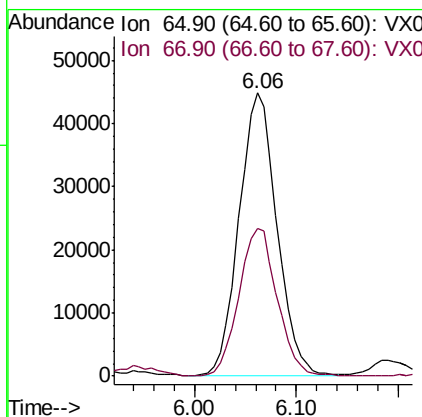
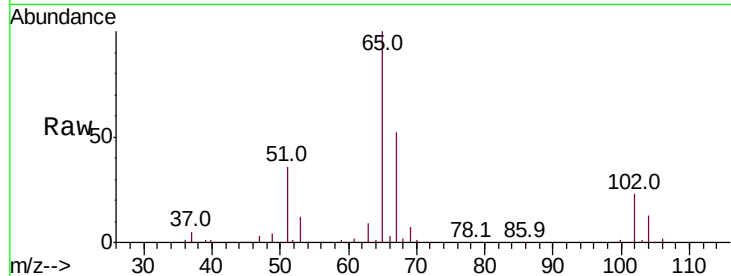
#33
 1,2-Dichloroethane-d4
 Concen: 48.115 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0604MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	115345		
67	52.5	0.0	107.8	

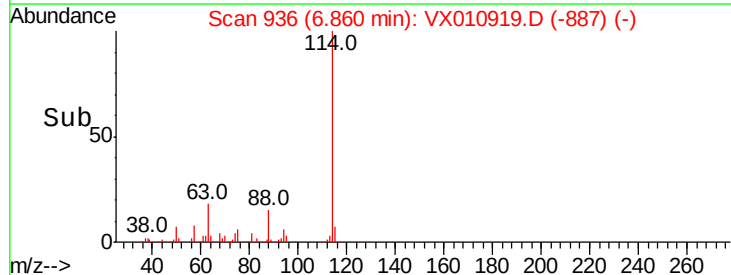
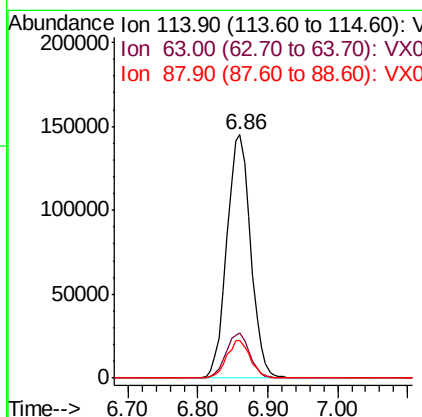
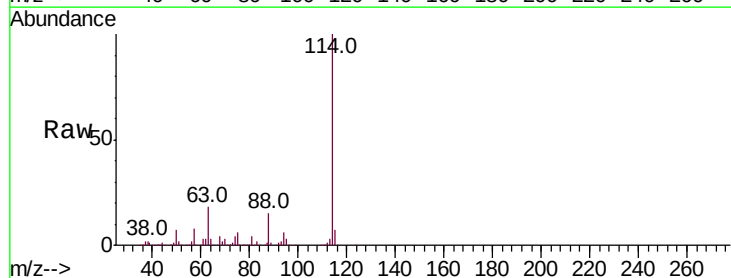
Manual Integrations
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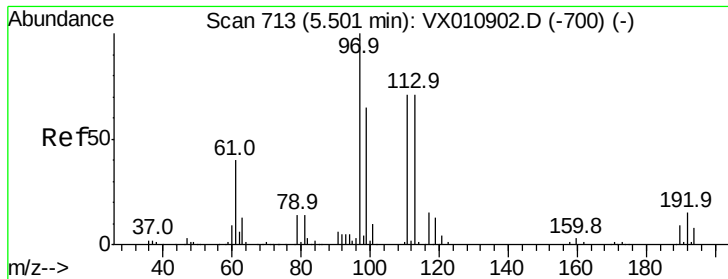
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	344052		
63	18.4	0.0	35.6	
88	15.3	0.0	29.8	





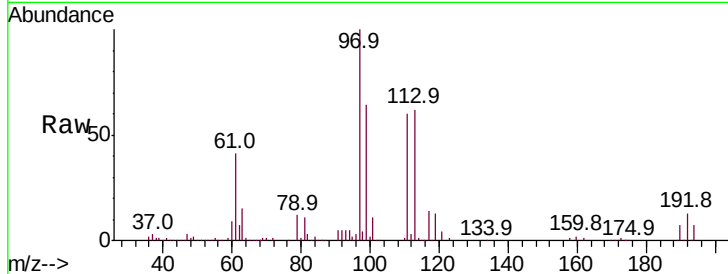
#35
 Dibromofluoromethane
 Concen: 47.464 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	103650		
111	102.4	82.3	123.5	
192	22.0	17.4	26.2	

Manual Integrations
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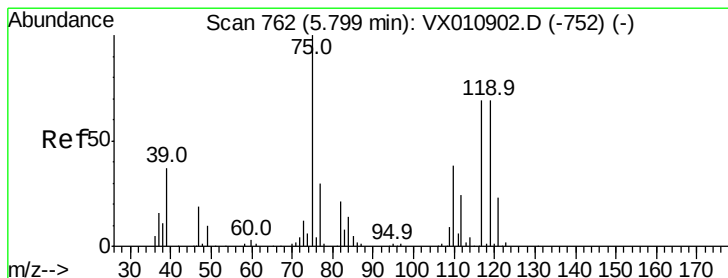
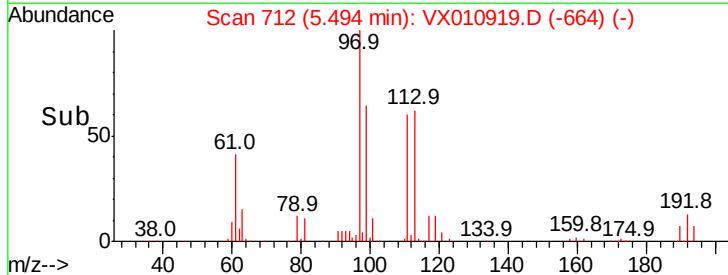
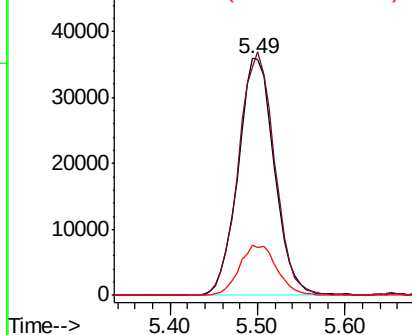


Abundance

Ion 112.80 (112.50 to 113.50): V

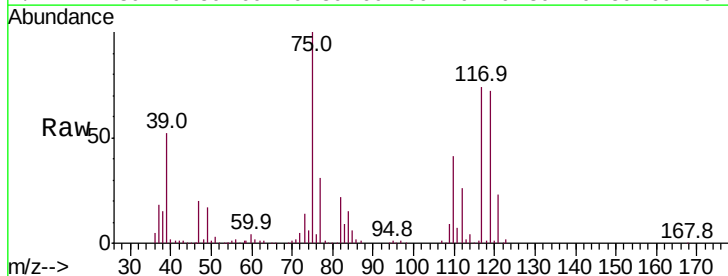
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 51.718 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	146159		
110	39.9	19.9	59.7	
77	31.4	25.0	37.4	

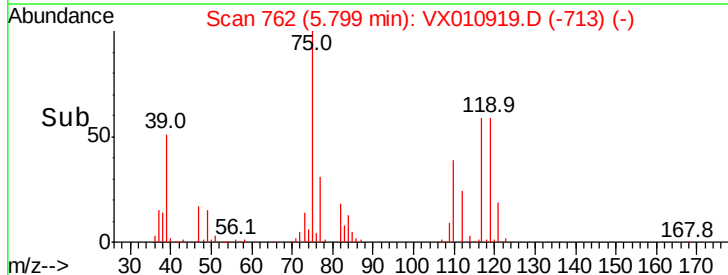
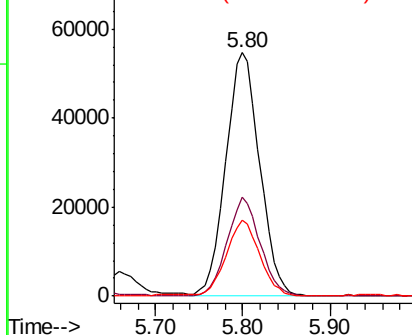


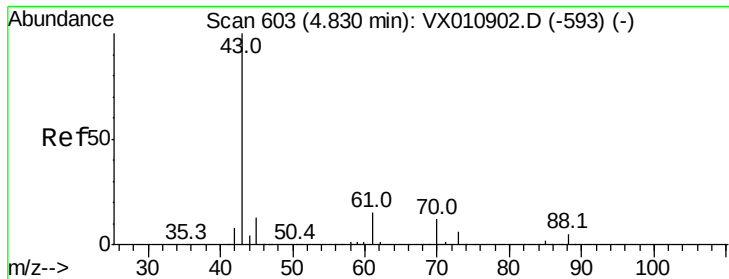
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 47.579 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

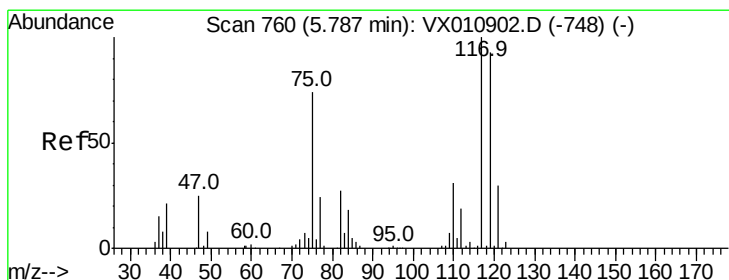
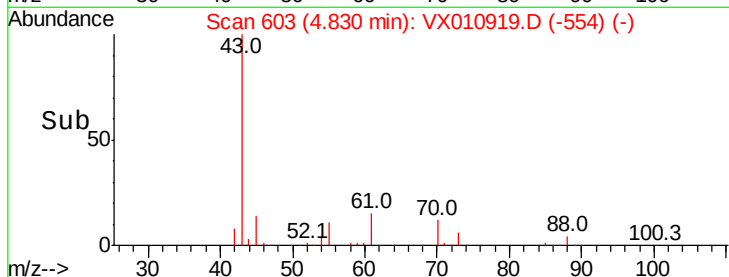
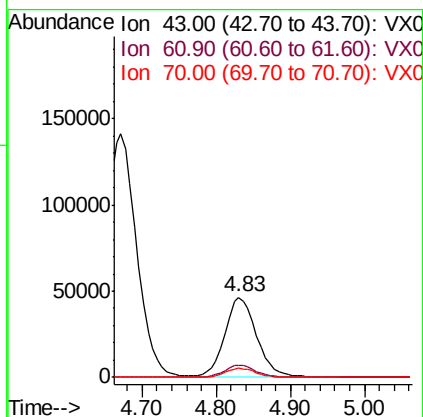
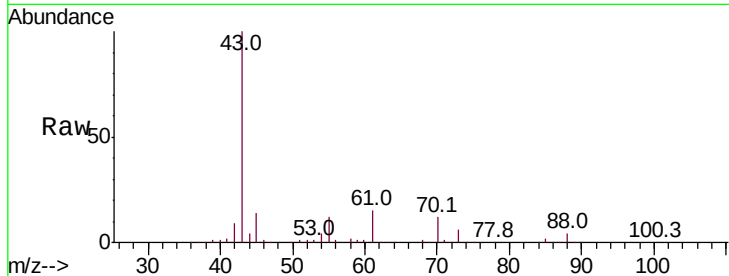
ClientSampleId :

FL-0604MS

Tot Ion:	43	Resp:	137684
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.6	17.4
70	11.7	9.1	13.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 52.805 ug/l

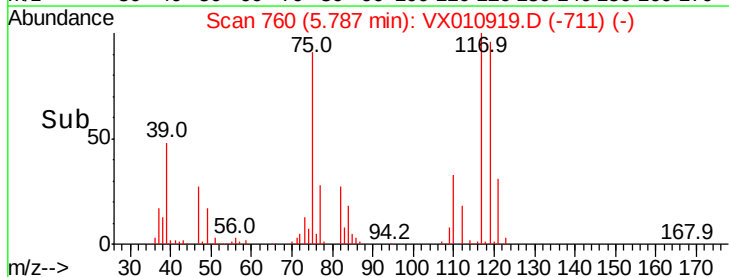
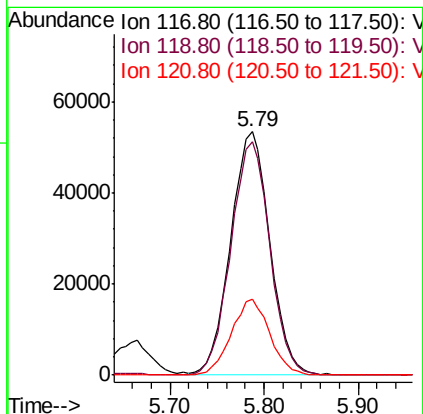
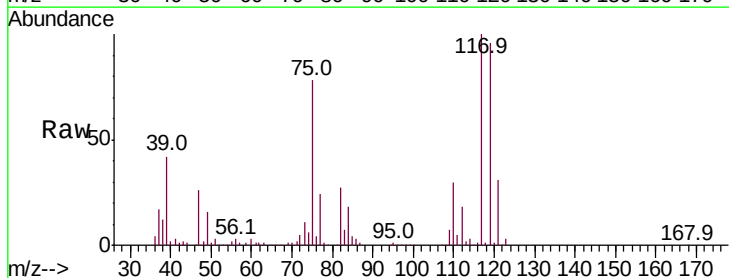
RT: 5.79 min Scan# 760

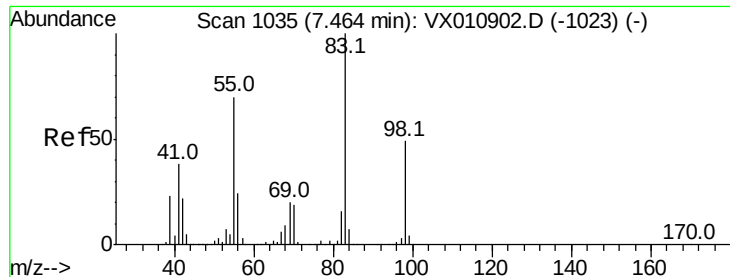
Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Tgt Ion:	117	Resp:	155506
Ion	Ratio	Lower	Upper
117	100		
119	95.9	74.2	111.2
121	31.0	24.2	36.2





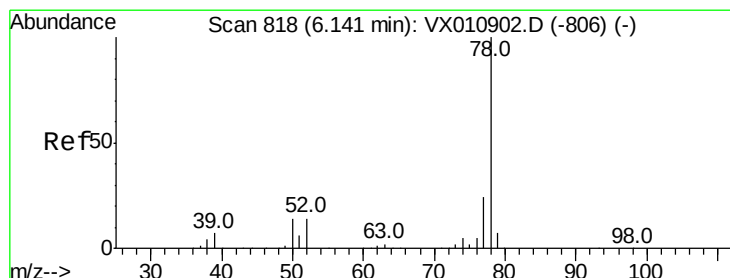
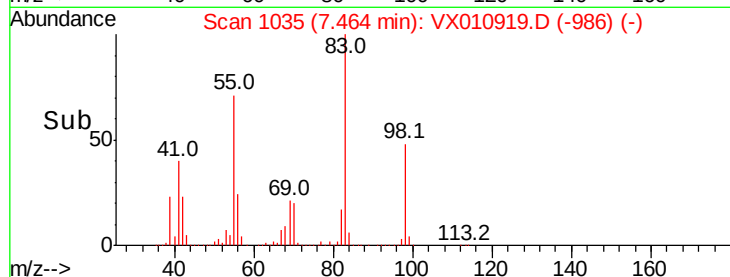
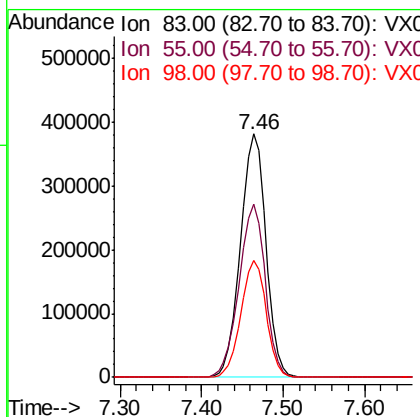
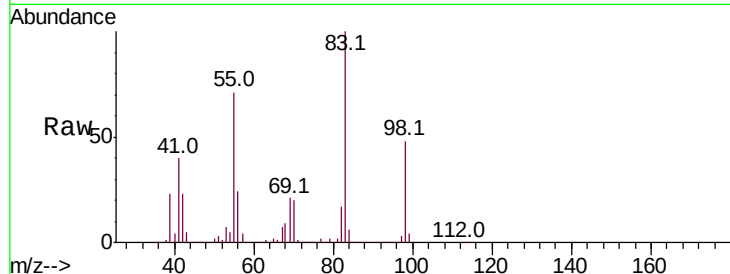
#39
Methylvlcyclohexane
Concen: 225.720 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Instrument :
MSVOA_X
ClientSampled :
FL-0604MS

Tot Ion	83	Resp	827236
Ion Ratio	100	Lower	Upper
83	100		
55	71.3	56.2	84.4
98	48.3	39.0	58.4

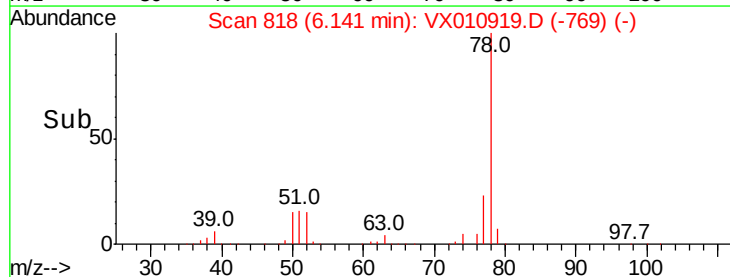
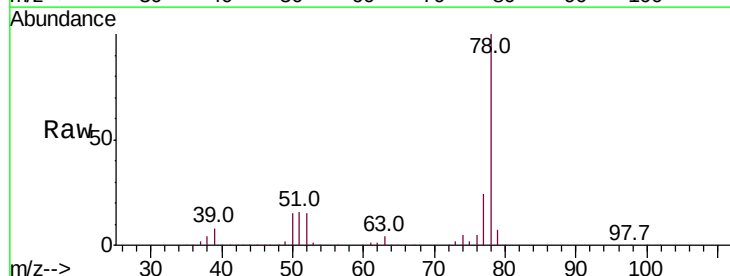
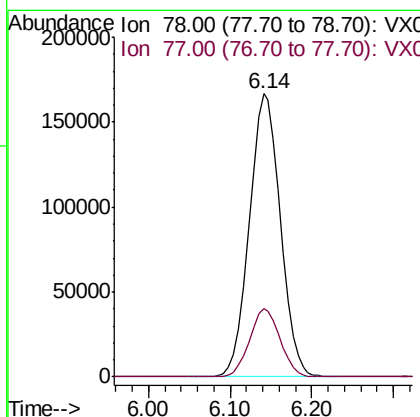
Manual Integrations
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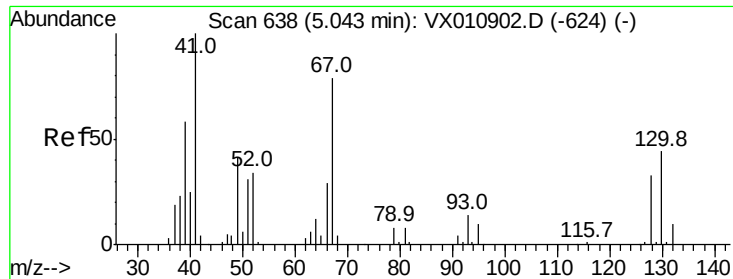
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#40
Benzene
Concen: 51.114 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion	78	Resp	442488
Ion Ratio	100	Lower	Upper
78	100		
77	24.3	19.0	28.6





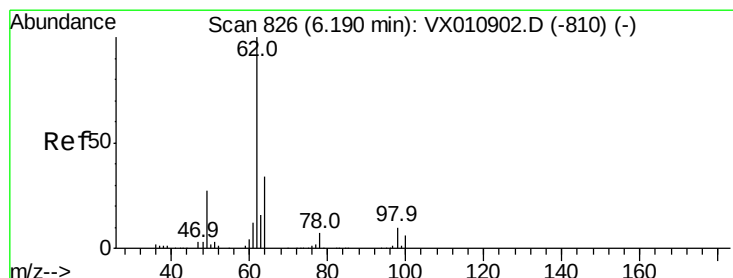
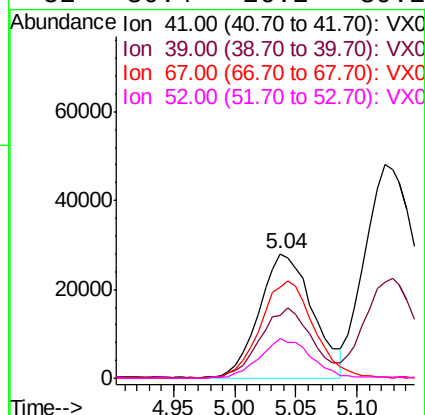
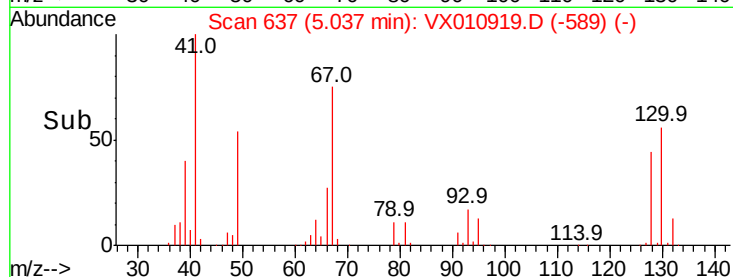
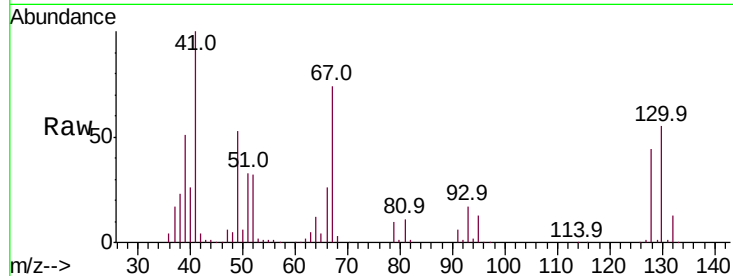
#41
Methacrylonitrile
Concen: 51.583 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Instrument :
MSVOA_X
ClientSampled :
FL-0604MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	45.4	68.2	
67	78.5	65.9	98.9	
52	30.4	26.2	39.2	

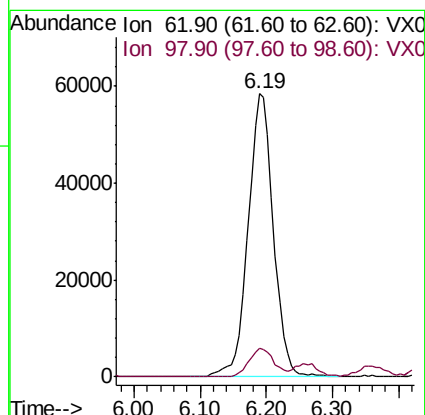
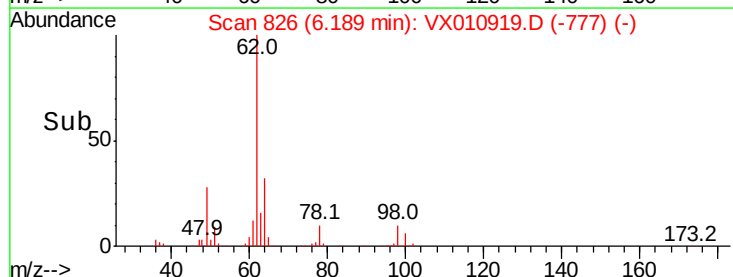
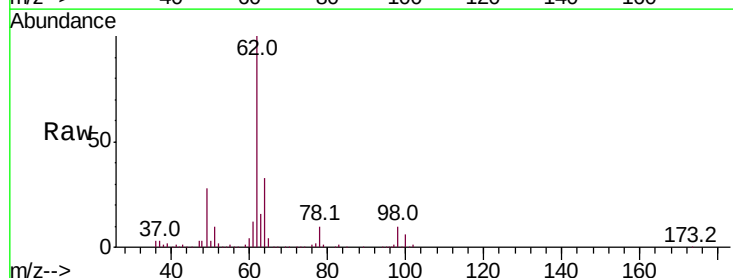
Manual Integrations
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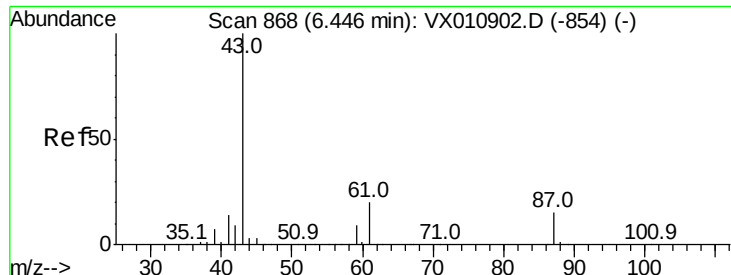
MMDadoda
7/17/2019 1:23:15 PM



#42
1,2-Dichloroethane
Concen: 51.664 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.0	





#43

Isopropyl Acetate

Concen: 50.757 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

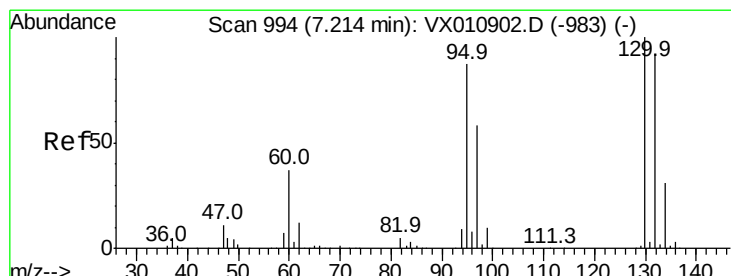
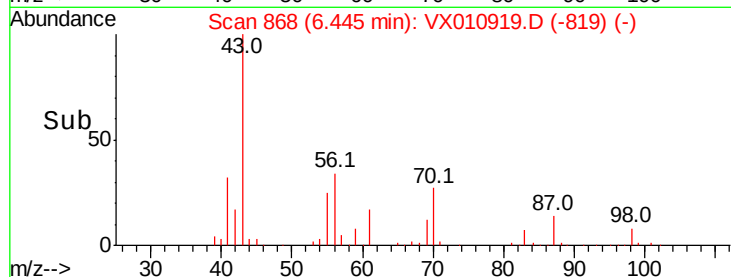
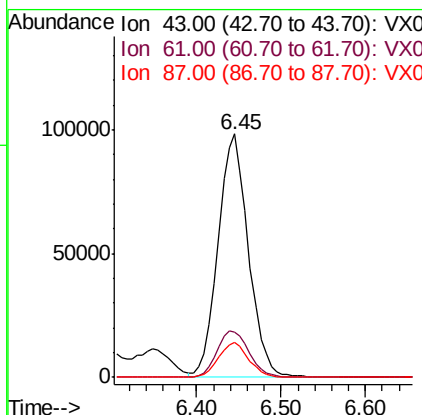
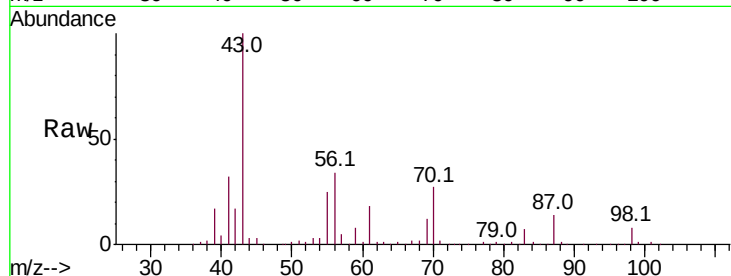
ClientSampled :

FL-0604MS

Tot Ion:	43	Resp:	241516
Ion	Ratio	Lower	Upper
43	100		
61	20.4	17.1	25.7
87	14.5	12.0	18.0

Manual Integrations
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#44

Trichloroethene

Concen: 50.899 ug/l

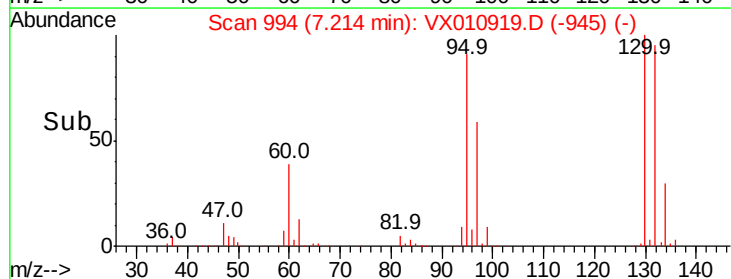
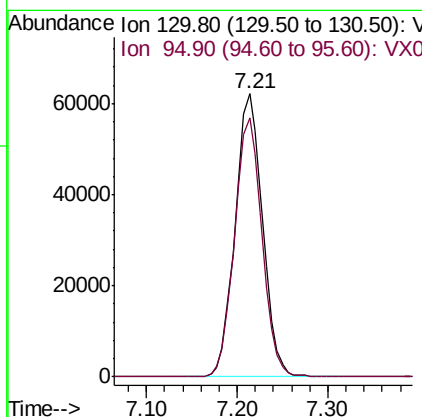
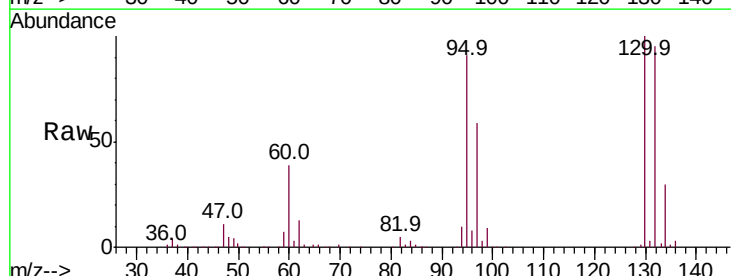
RT: 7.21 min Scan# 994

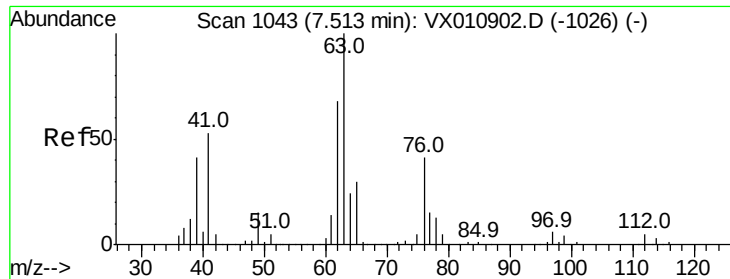
Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Tgt Ion:	130	Resp:	130426
Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	174.8





#45

1,2-Dichloropropane

Concen: 54.322 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

FL-0604MS

Tot Ion: 63 Resp: 119690

Ion Ratio Lower Upper

63 100

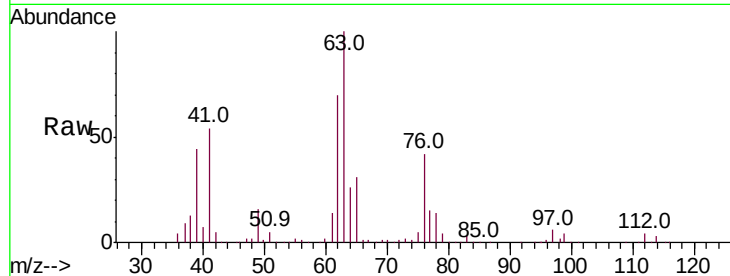
65 30.5 24.4 36.6

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

60000

50000

40000

30000

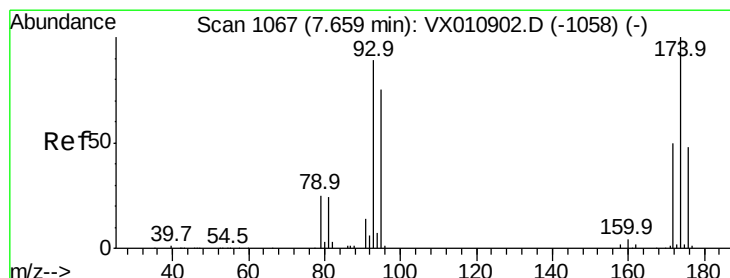
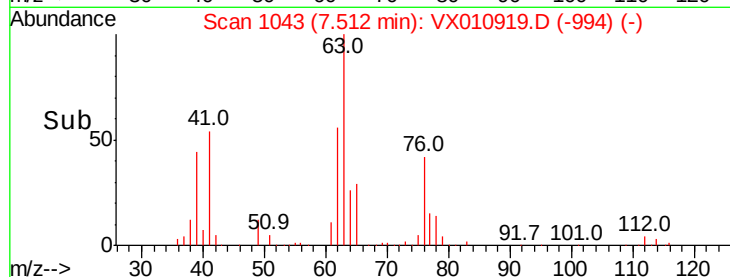
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 52.197 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

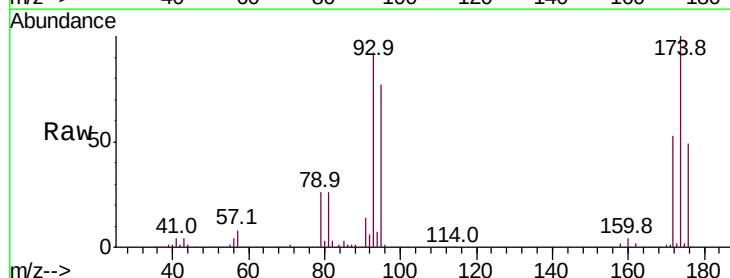
Tgt Ion: 93 Resp: 82180

Ion Ratio Lower Upper

93 100

95 83.5 67.2 100.8

174 113.0 90.6 135.8



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

60000

50000

40000

30000

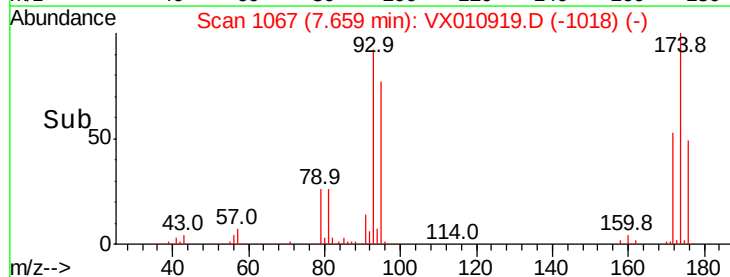
20000

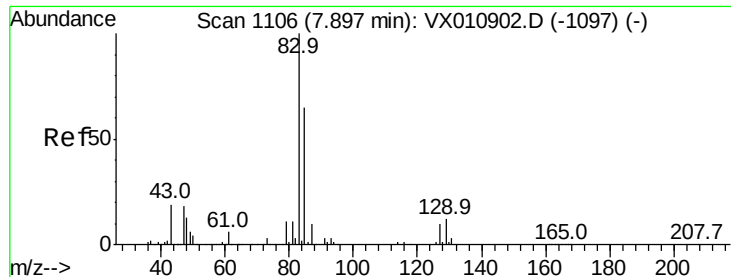
10000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 53.573 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

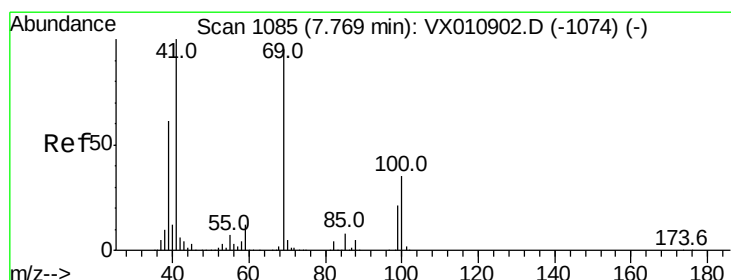
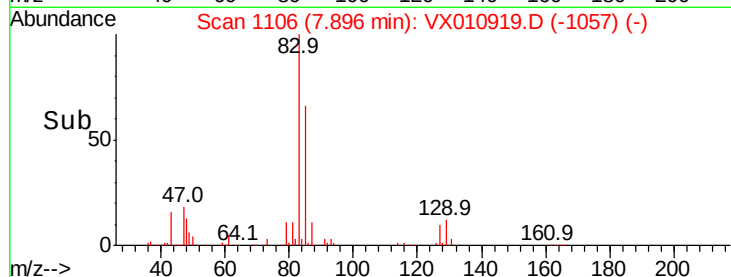
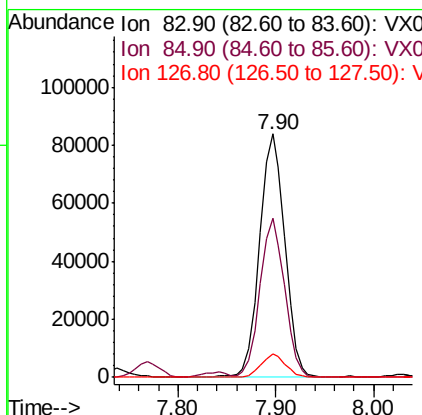
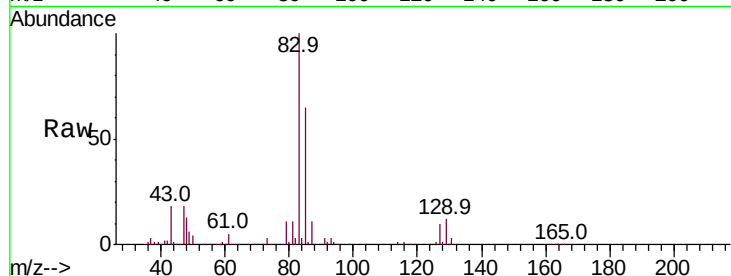
ClientSampleId :

FL-0604MS

Tot Ion	83	Resp	150145
Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.5	78.7
127	9.6	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 65.383 ug/l

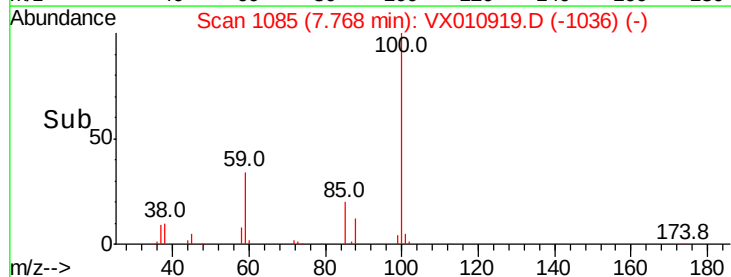
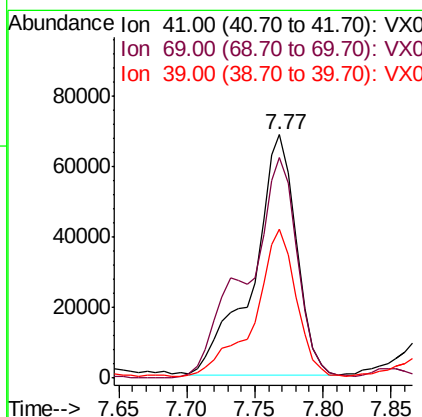
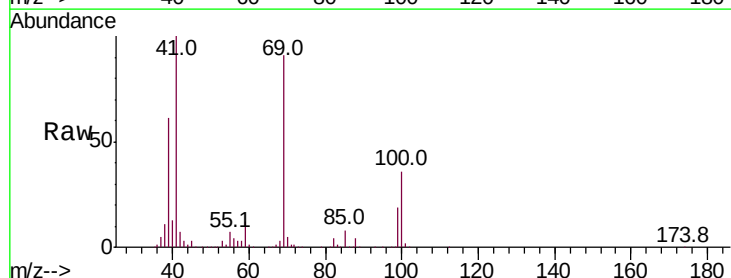
RT: 7.77 min Scan# 1085

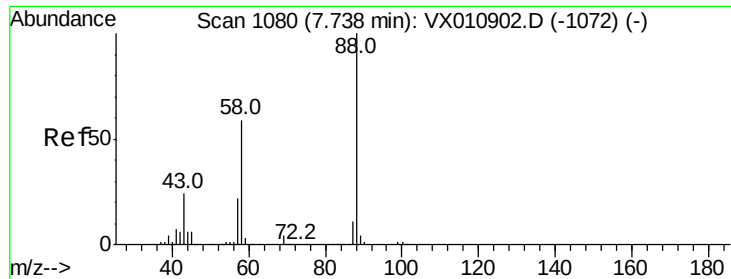
Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Tgt Ion	41	Resp	151559
Ion	Ratio	Lower	Upper
41	100		
69	108.5	74.4	111.6
39	59.1	48.9	73.3





#49

1,4-Dioxane

Concen: 897.514 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

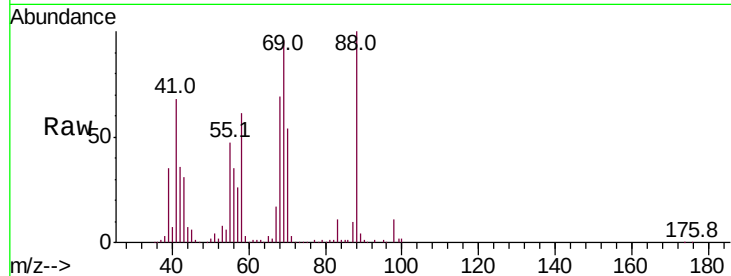
ClientSampled :

FL-0604MS

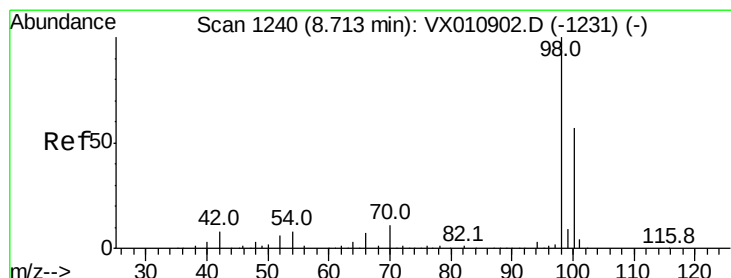
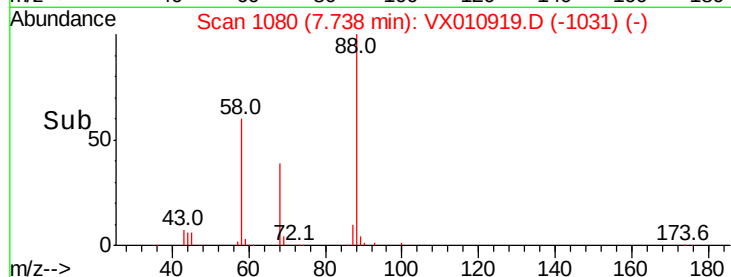
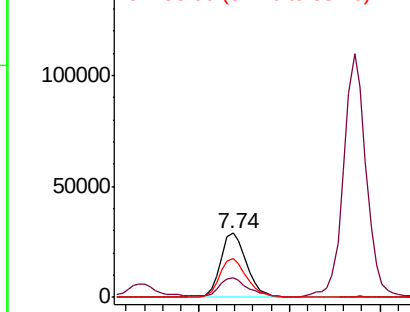
Tot Ion:	88	Resp:	58195
Ion Ratio	Lower	Upper	
88	100		
43	31.6	22.9	34.3
58	60.6	49.8	74.8

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



#50

Toluene-d8

Concen: 47.322 ug/l

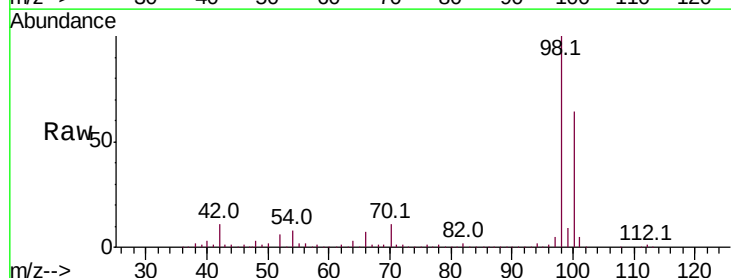
RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

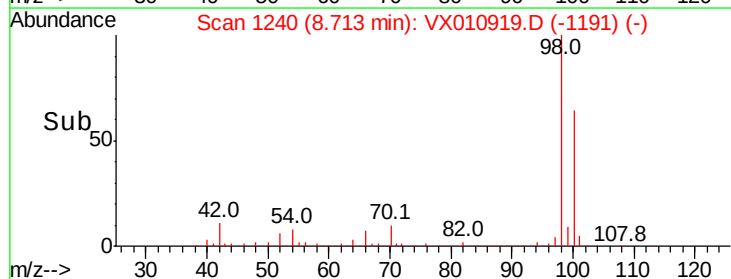
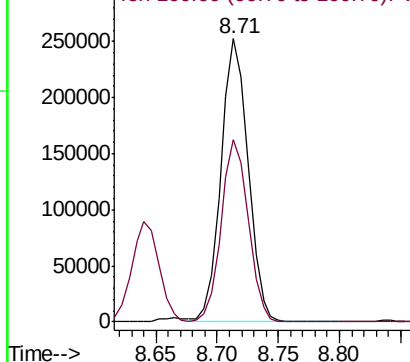
Lab File: VX010919.D

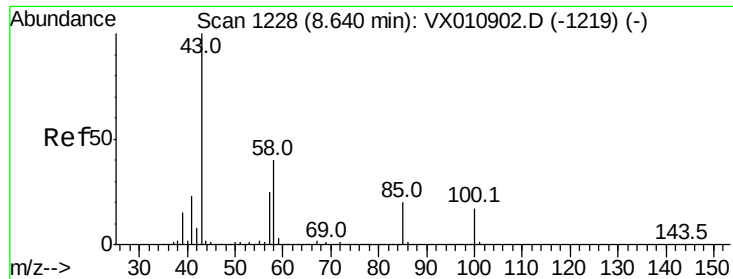
Acq: 16 Jul 2019 20:12

Tgt Ion:	98	Resp:	387589
Ion Ratio	Lower	Upper	
98	100		
100	64.3	50.6	75.8



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





#51

4-Methyl-2-Pentanone

Concen: 267.082 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

Tot Ion: 43 Resp: 823820

Ion Ratio Lower Upper

43 100

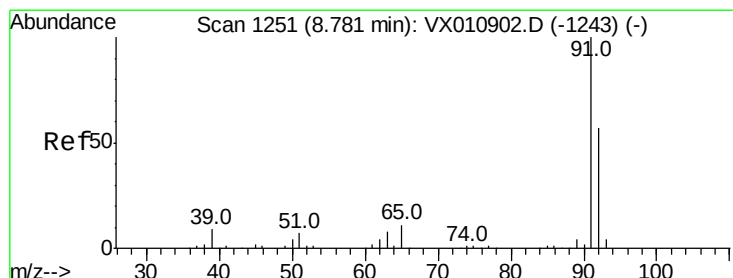
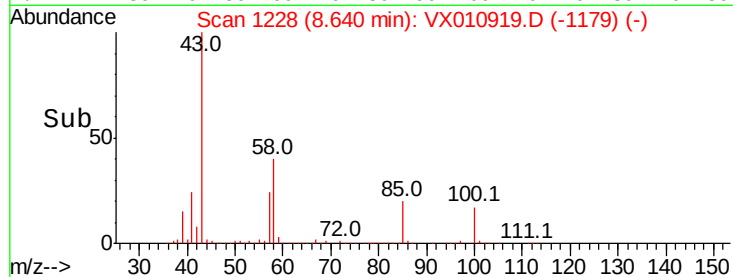
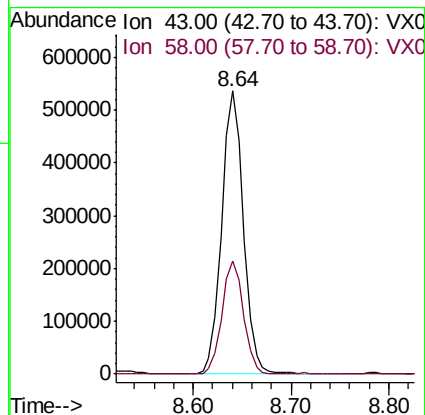
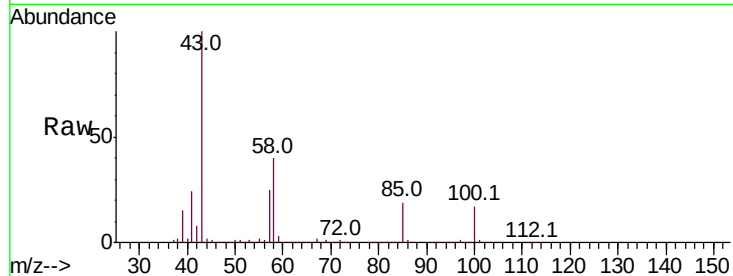
58 39.7 32.2 48.4

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#52

Toluene

Concen: 50.888 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010919.D

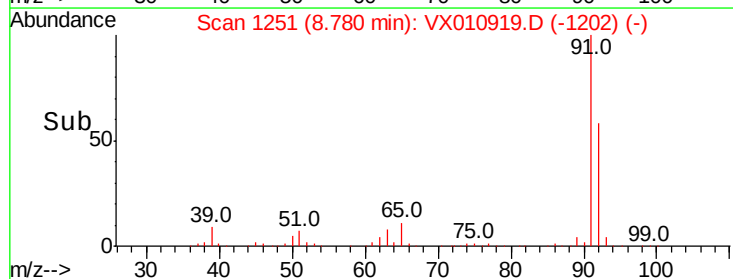
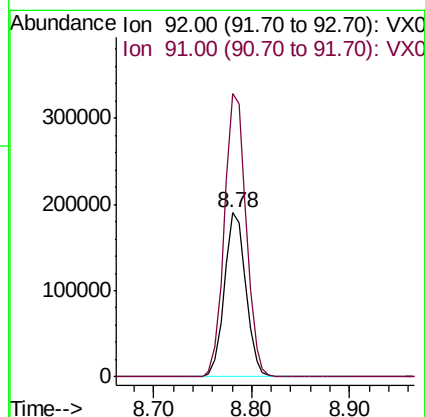
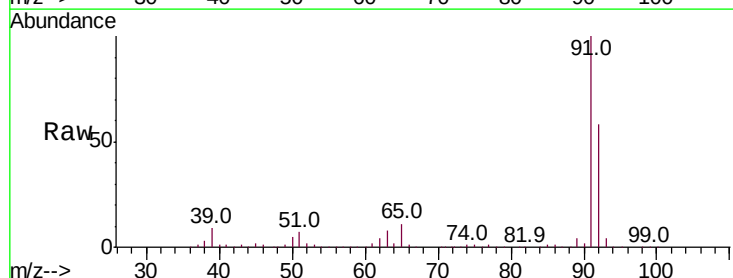
Acq: 16 Jul 2019 20:12

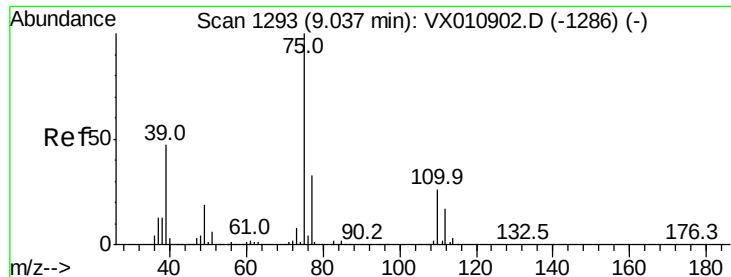
Tgt Ion: 92 Resp: 289395

Ion Ratio Lower Upper

92 100

91 175.1 139.4 209.0





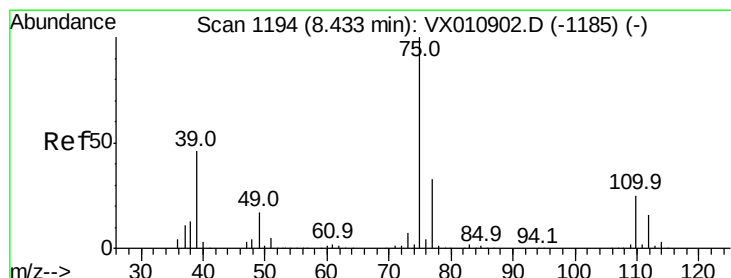
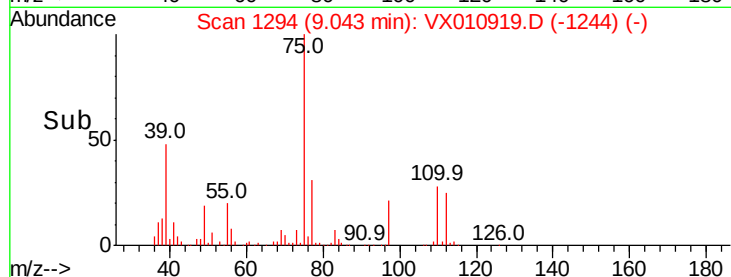
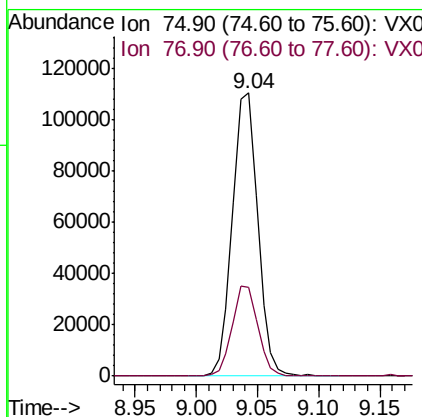
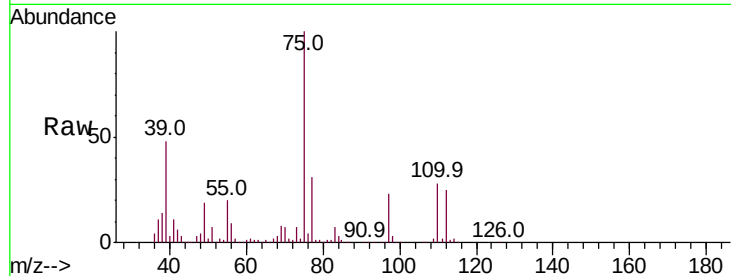
#53
t-1,3-Dichloropropene
Concen: 52.697 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MS

Tot Ion: 75 Resp: 158803
Ion Ratio Lower Upper
75 100
77 31.2 26.2 39.2

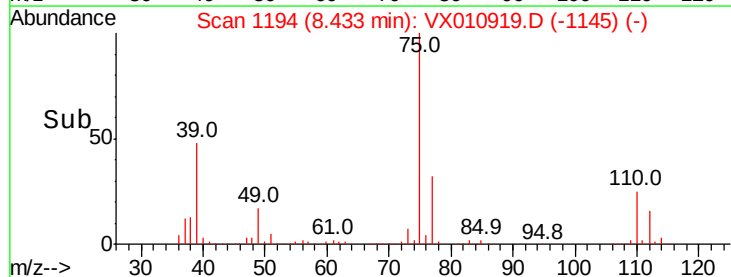
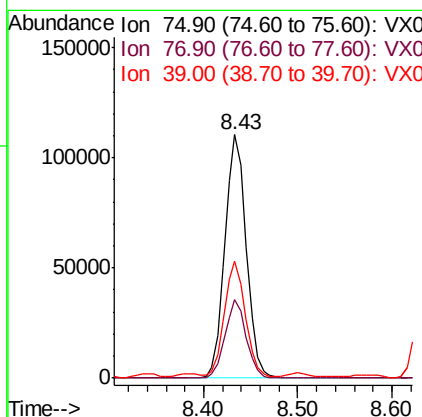
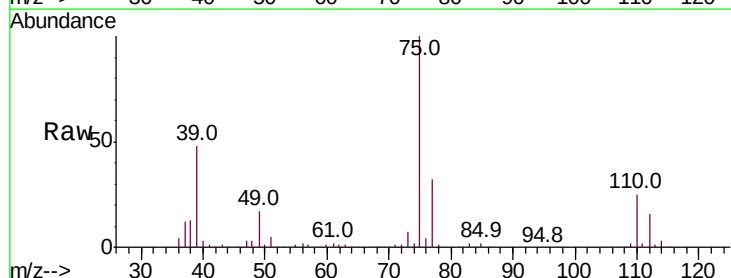
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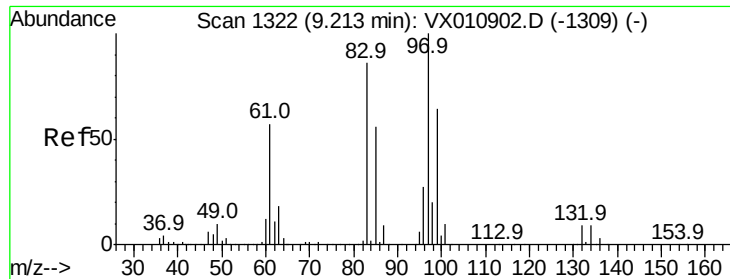
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.960 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion: 75 Resp: 174236
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
39 47.0 36.6 54.8





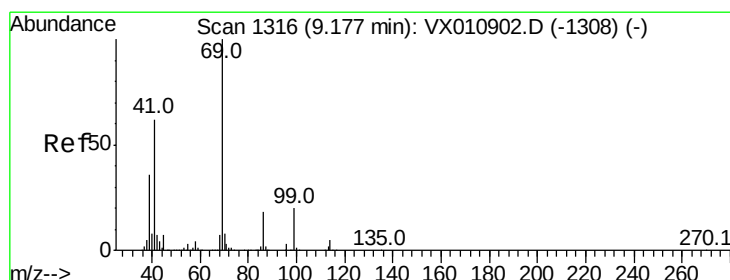
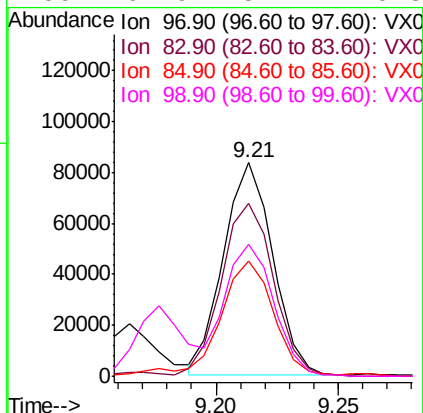
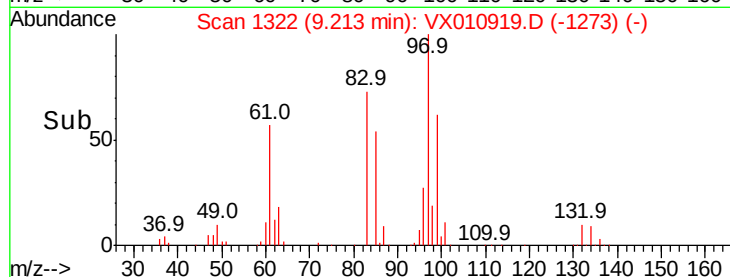
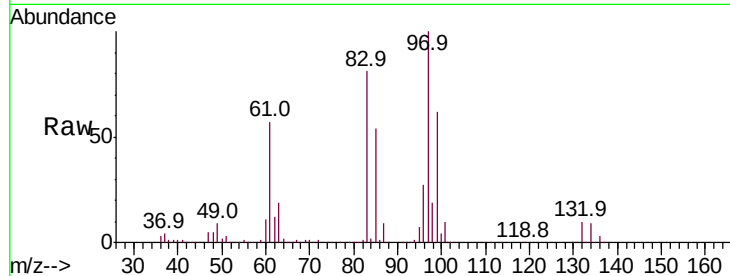
#55
 1,1,2-Trichloroethane
 Concen: 50.116 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0604MS

Tot Ion	97	Resp	117351
Ion Ratio	Lower	Upper	
97	100		
83	81.0	69.2	103.8
85	53.5	44.6	66.8
99	61.9	51.2	76.8

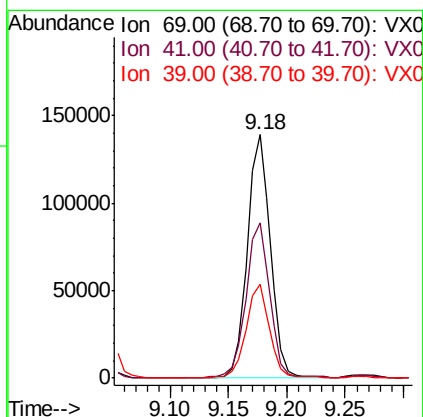
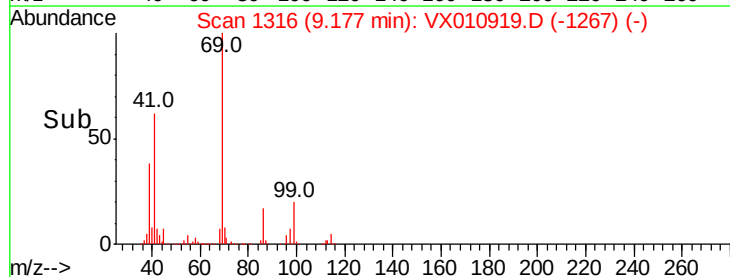
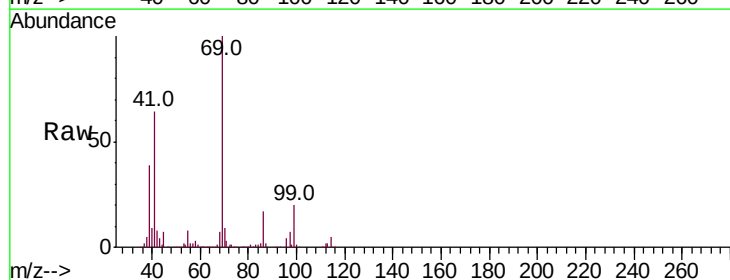
Manual Integrations
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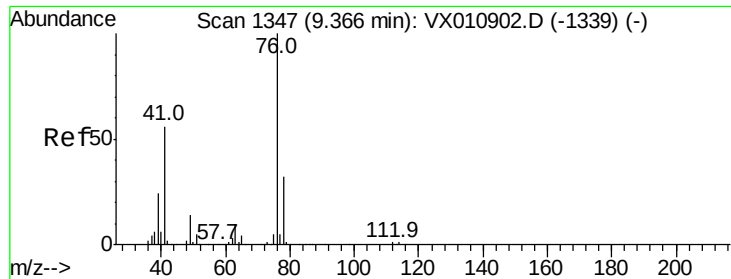
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#56
 Ethyl methacrylate
 Concen: 56.465 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Tgt Ion	69	Resp	193400
Ion Ratio	Lower	Upper	
69	100		
41	65.4	49.7	74.5
39	38.9	29.6	44.4





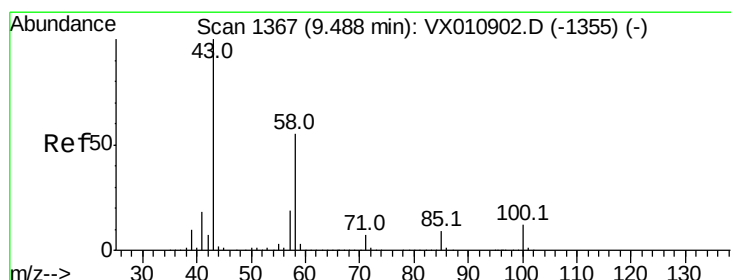
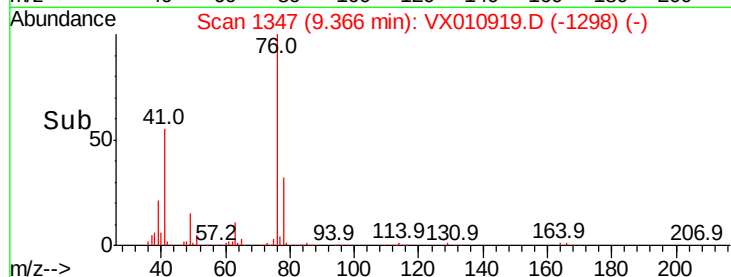
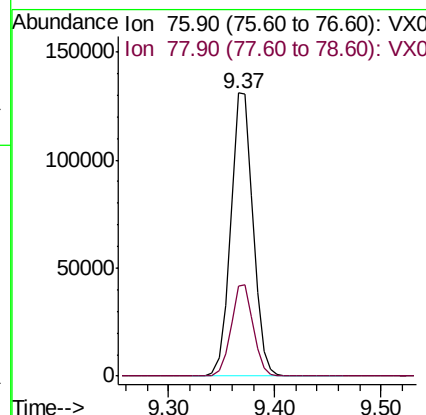
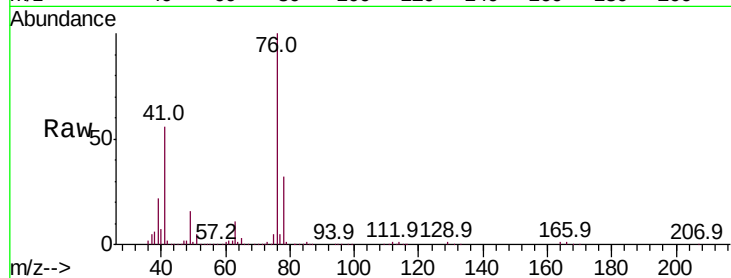
#57
 1,3-Dichloropropane
 Concen: 51.823 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.6	38.4

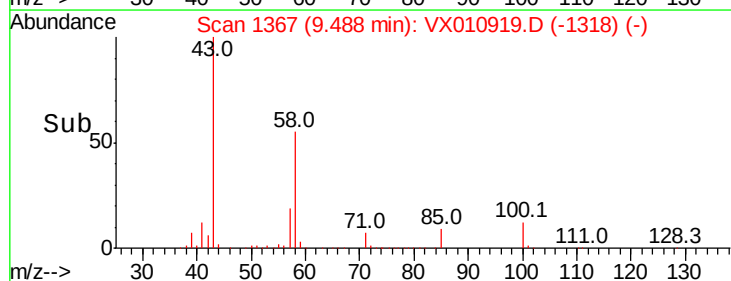
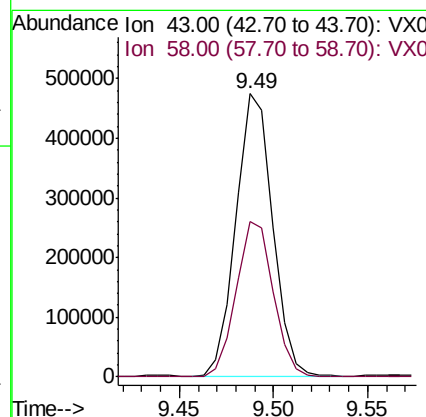
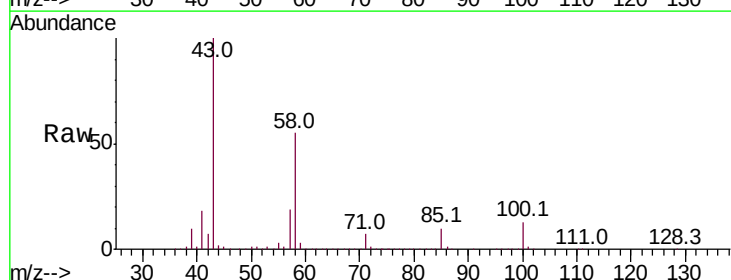
Manual Integrations
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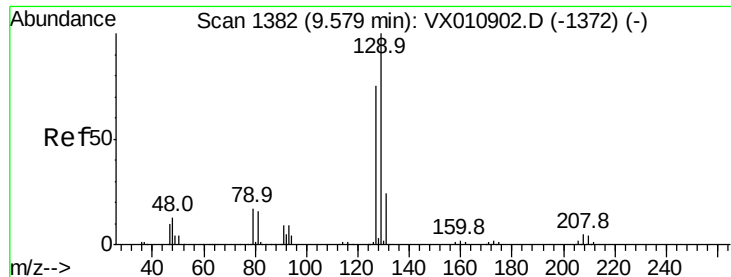
MMDadoda
 7/17/2019 1:23:15 PM



#59
 2-Hexanone
 Concen: 267.114 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.3	28.0	83.9





#60

Dibromochloromethane

Concen: 48.443 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

FL-0604MS

Tot Ion:129 Resp: 130323

Ion Ratio Lower Upper

129 100

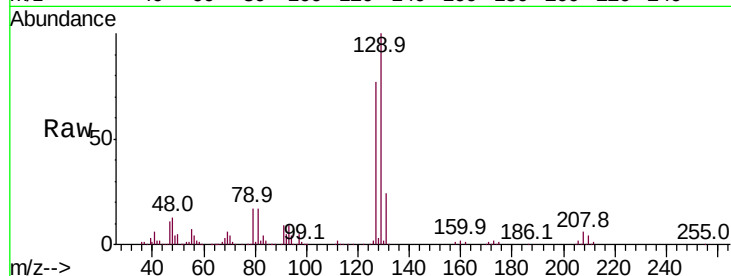
127 77.0 38.6 115.8

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

100000

80000

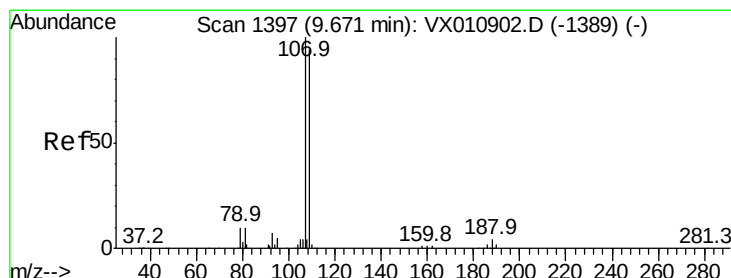
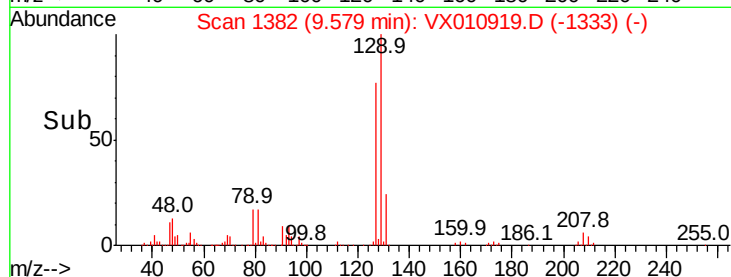
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 53.091 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010919.D

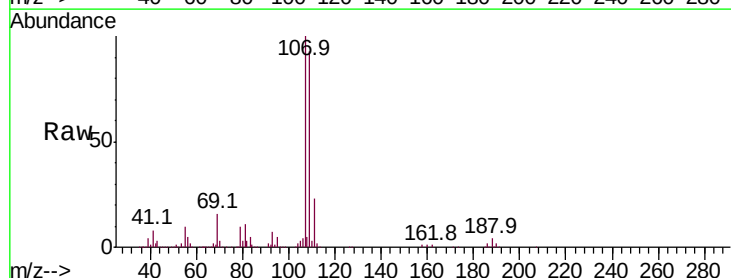
Acq: 16 Jul 2019 20:12

Tgt Ion:107 Resp: 131932

Ion Ratio Lower Upper

107 100

109 94.4 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

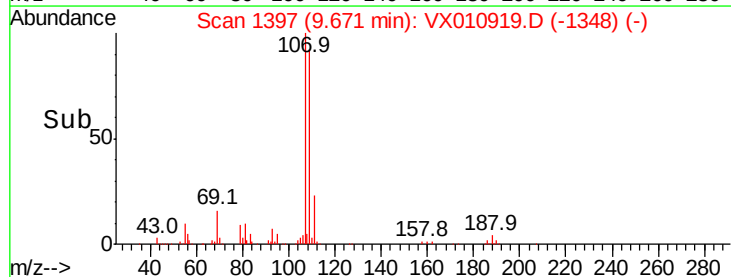
60000

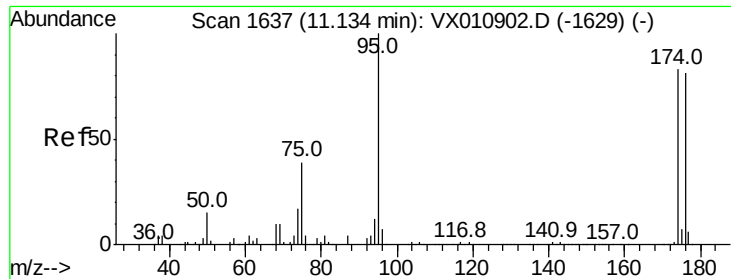
40000

20000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.435 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

Tot Ion: 95 Resp: 148828

Ion Ratio Lower Upper

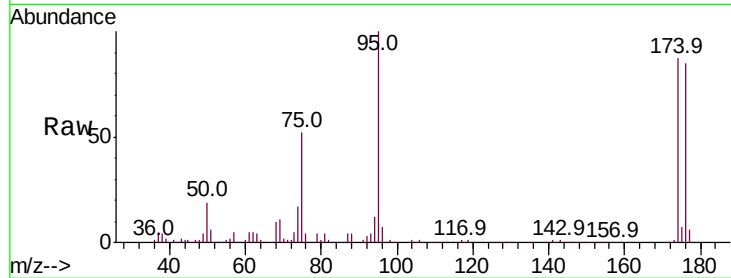
95 100

174 90.8 0.0 180.6

176 88.6 0.0 173.8

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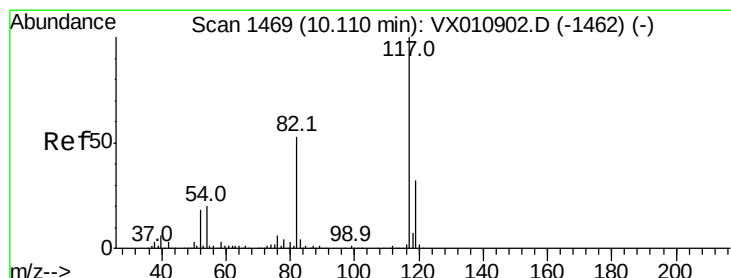
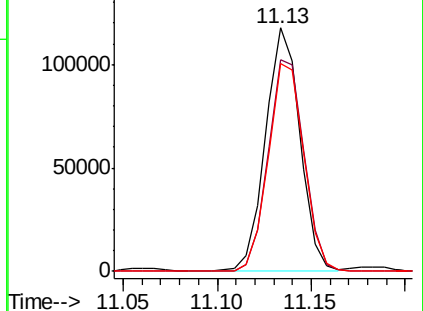
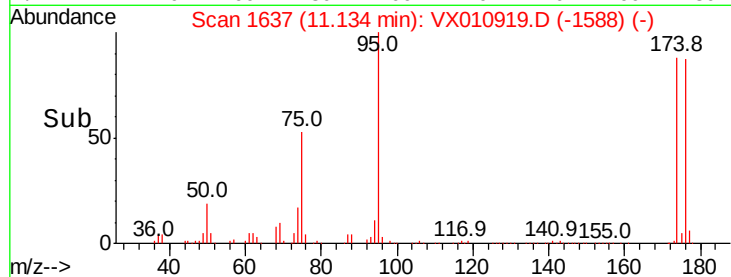
MMDadoda
7/17/2019 1:23:15 PM



Abundance Ion 94.90 (94.60 to 95.60): VX010919.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010919.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010919.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

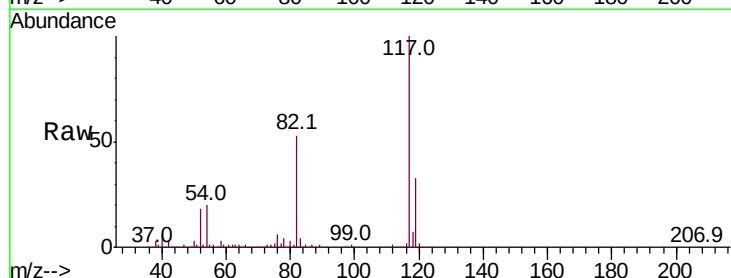
Tgt Ion: 117 Resp: 317761

Ion Ratio Lower Upper

117 100

82 52.6 42.6 63.8

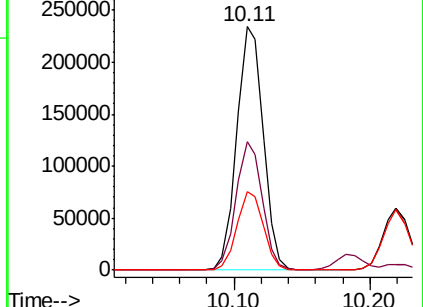
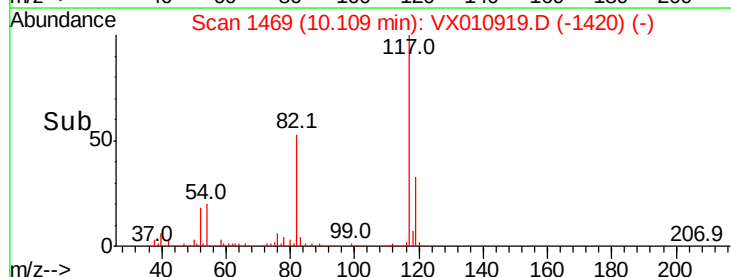
119 32.5 25.9 38.9

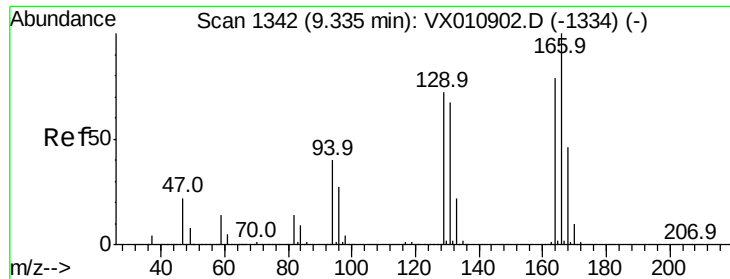


Abundance Ion 116.90 (116.60 to 117.60): VX010919.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010919.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010919.D (-1420) (-)





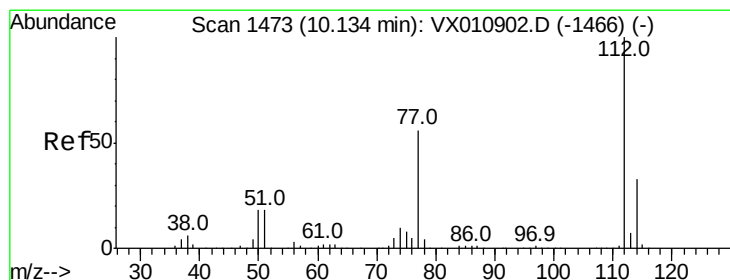
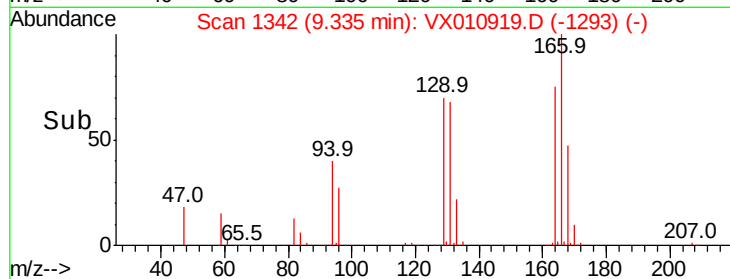
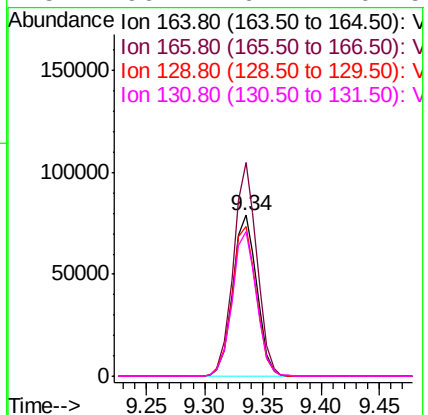
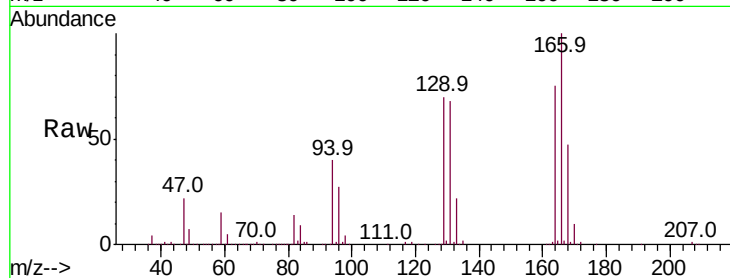
#64
 Tetrachloroethene
 Concen: 45.621 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MS

Tot Ion:	164	Resp:	114043
Ion Ratio	Lower	Upper	
164	100		
166	132.5	100.8	151.2
129	93.2	72.6	109.0
131	90.1	67.7	101.5

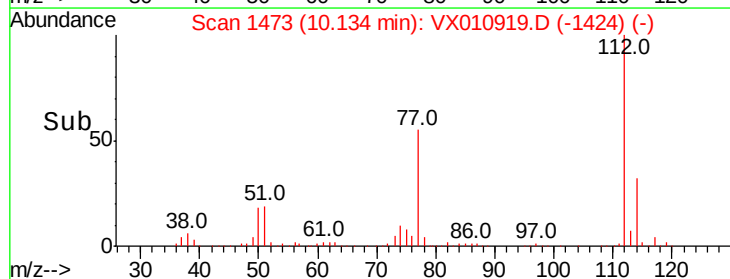
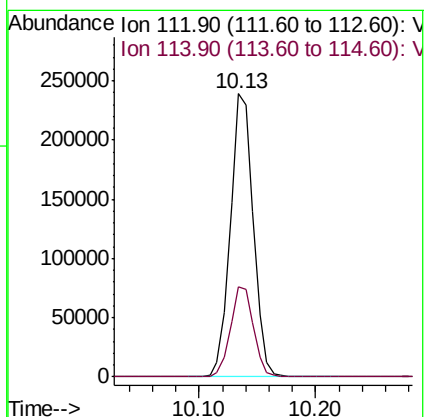
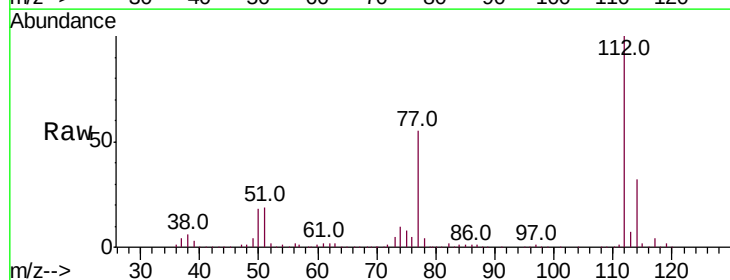
Manual Integrations
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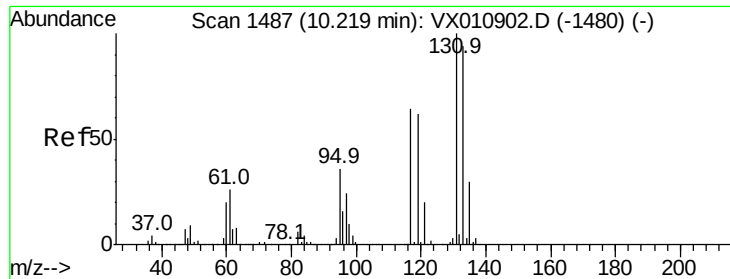
MMDadoda
 7/17/2019 1:23:15 PM



#65
 Chlorobenzene
 Concen: 50.201 ug/l
 RT: 10.13 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Tgt Ion:	112	Resp:	327639
Ion Ratio	Lower	Upper	
112	100		
114	32.0	26.2	39.4





#66

1,1,1,2-Tetrachloroethane

Concen: 52.881 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

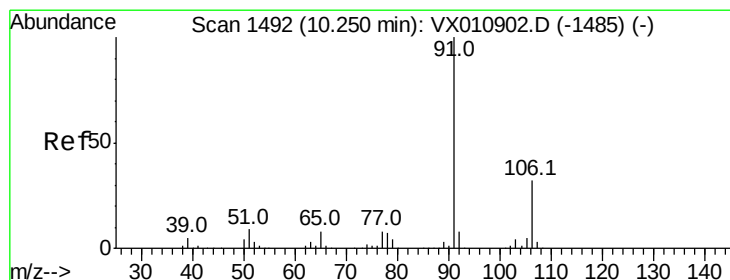
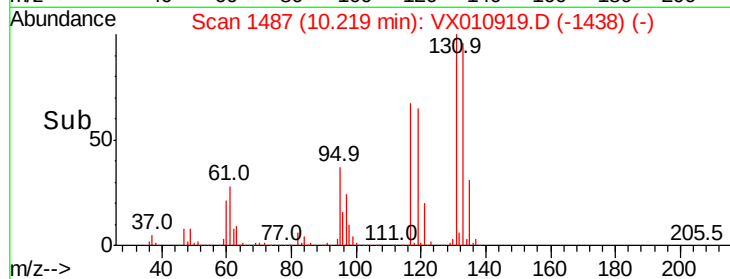
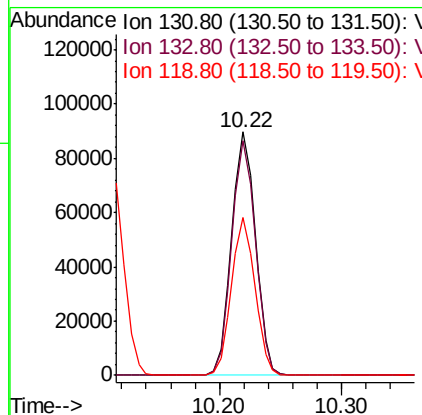
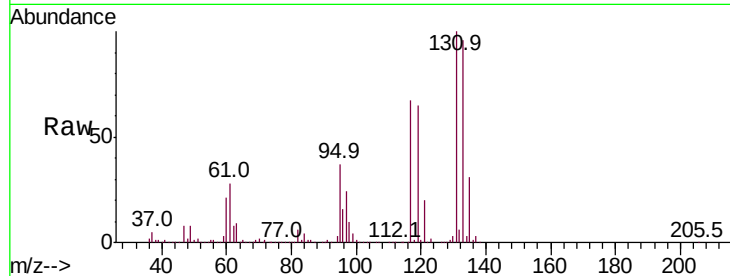
ClientSampleId :

FL-0604MS

Tot Ion:	131	Resp:	121297
Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.1	141.4
119	63.8	31.9	95.7

Manual Integrations
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#67

Ethyl Benzene

Concen: 103.439 ug/l

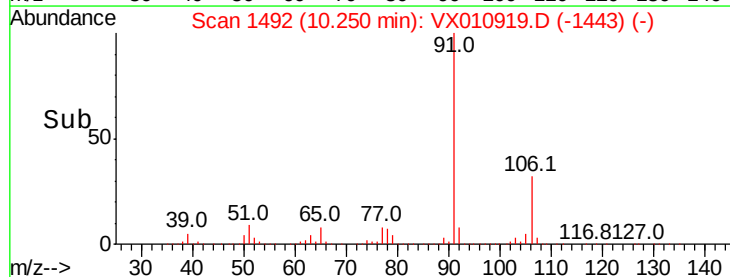
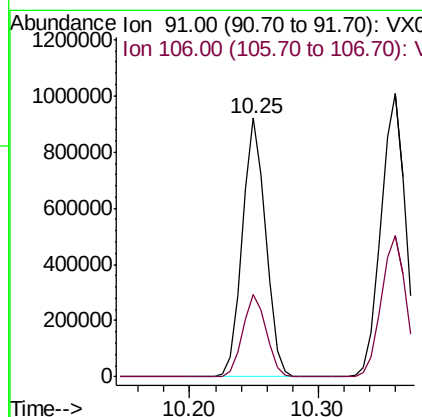
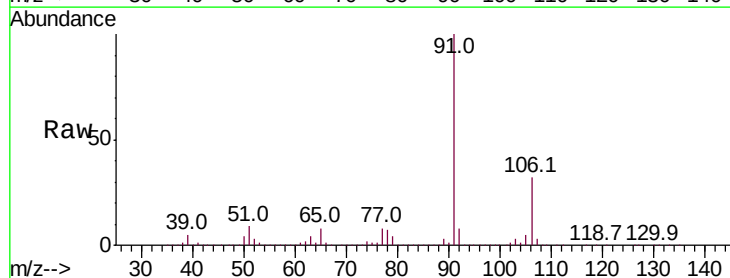
RT: 10.25 min Scan# 1492

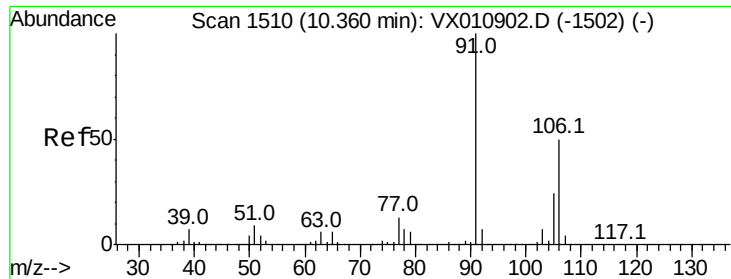
Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Tgt Ion:	91	Resp:	1149097
Ion	Ratio	Lower	Upper
91	100		
106	32.0	25.4	38.2





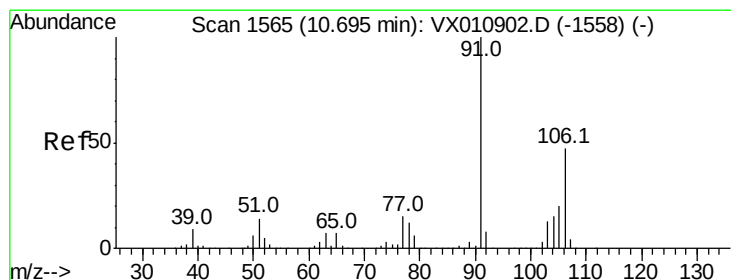
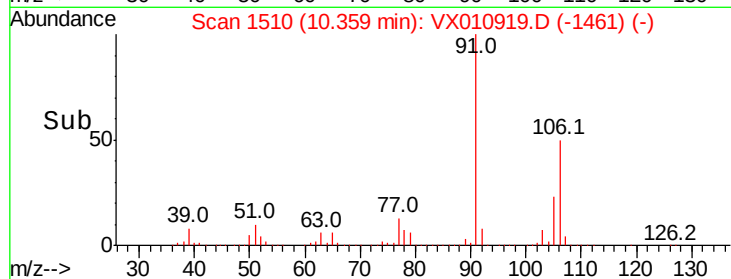
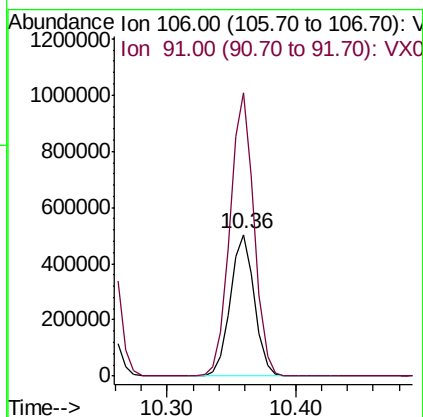
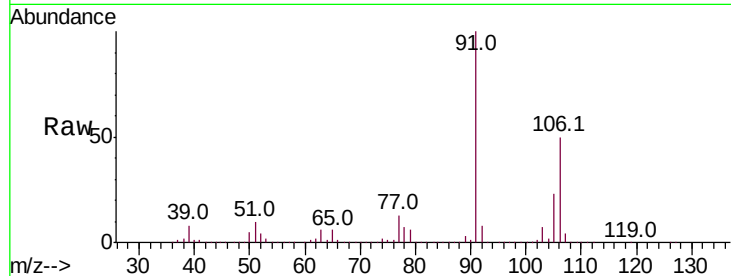
#68
m/p-Xylenes
Concen: 154.714 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Instrument :
MSVOA_X
ClientSampled :
FL-0604MS

Tot Ion:106 Resp: 659284
Ion Ratio Lower Upper
106 100
91 199.9 160.1 240.1

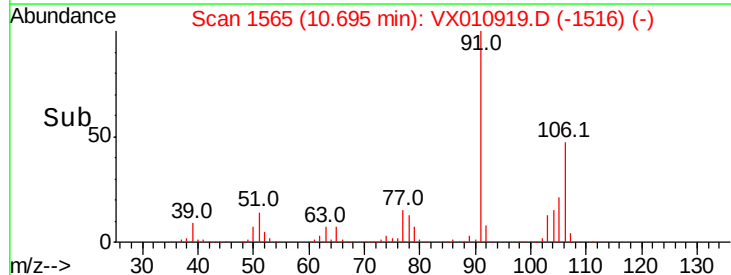
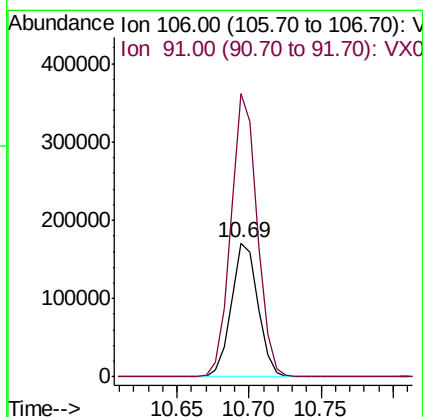
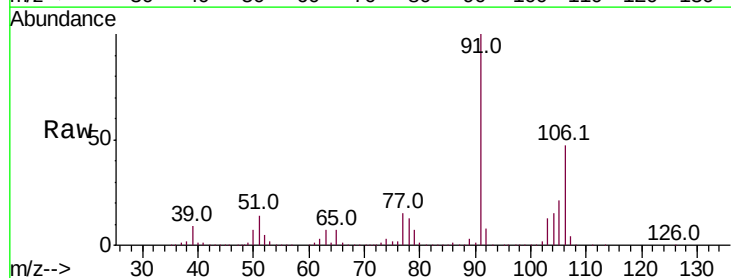
Manual Integrations
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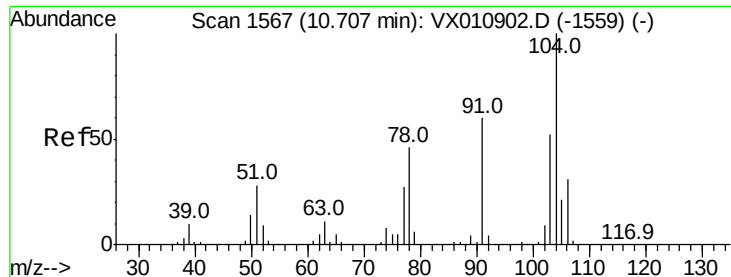
MMDadoda
7/17/2019 1:23:15 PM



#69
o-Xylene
Concen: 53.549 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion:106 Resp: 222702
Ion Ratio Lower Upper
106 100
91 208.5 105.1 315.3





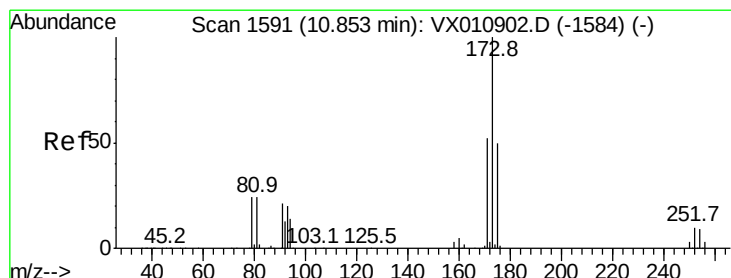
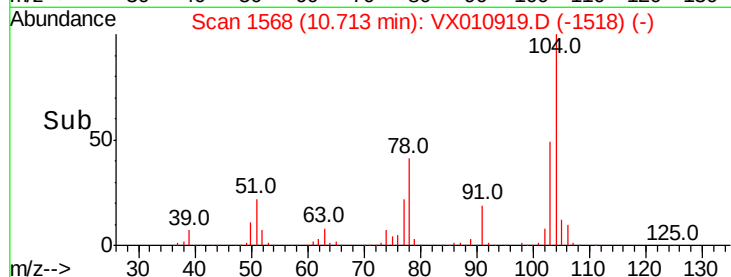
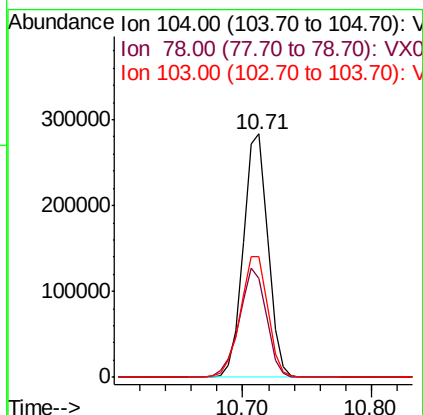
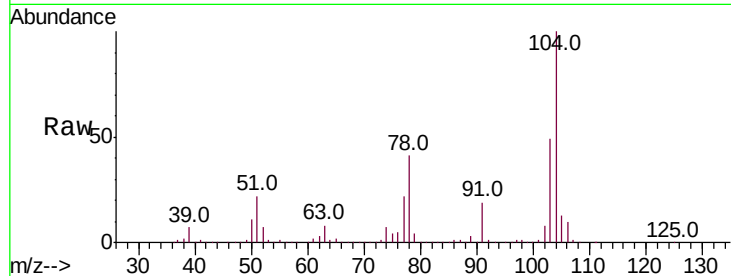
#70
Stvrene
Concen: 53.698 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.1	38.8	58.2
103	55.5	44.2	66.4

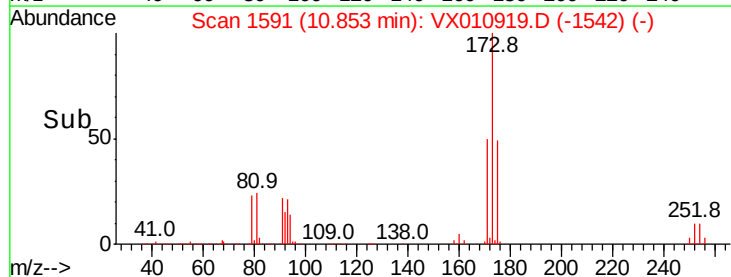
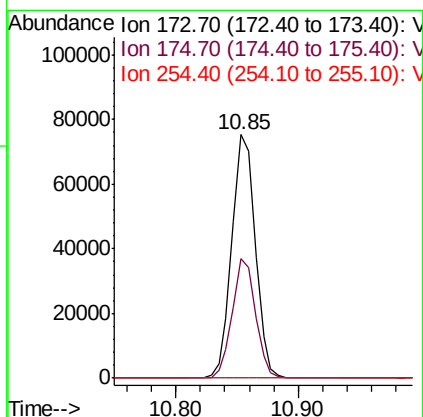
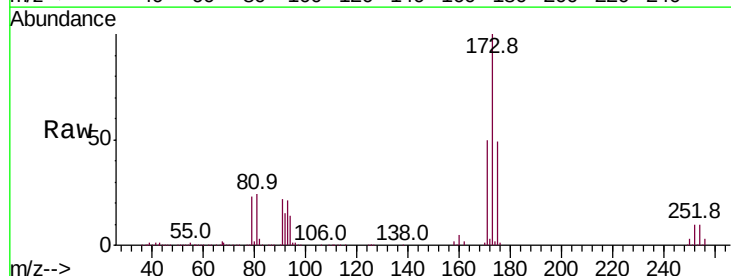
Manual Integrations
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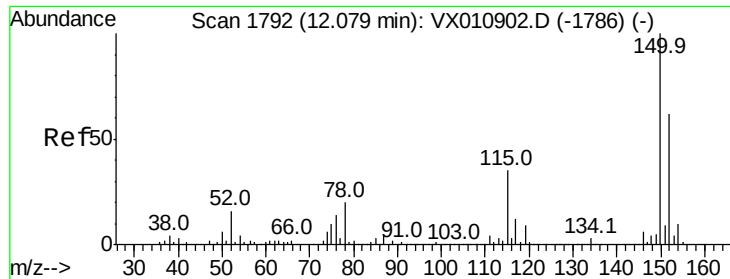
MMDadoda
7/17/2019 1:23:15 PM



#71
Bromoform
Concen: 47.848 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.6	73.6
254	0.2	0.1	0.1#





#72

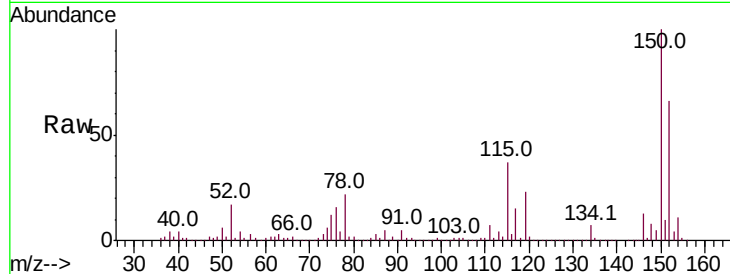
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	82.0	39.7	119.1
150	169.5	0.0	345.6

Manual Integrations
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MMDadoda
7/17/2019 1:23:15 PM

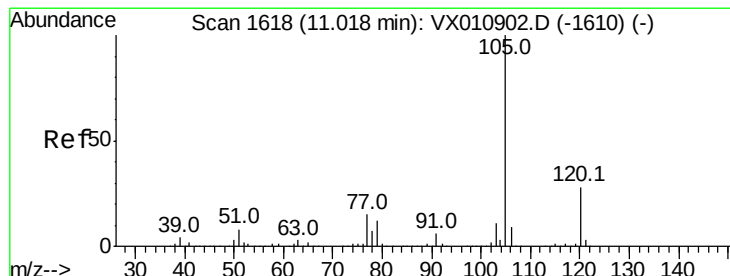
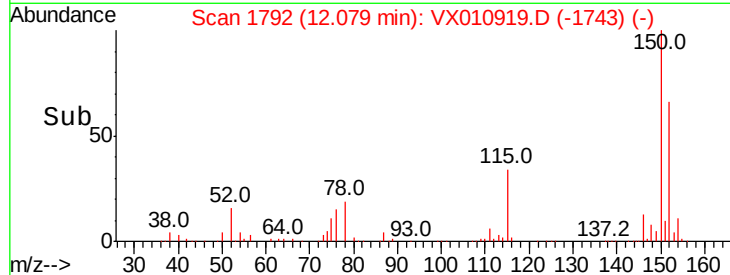
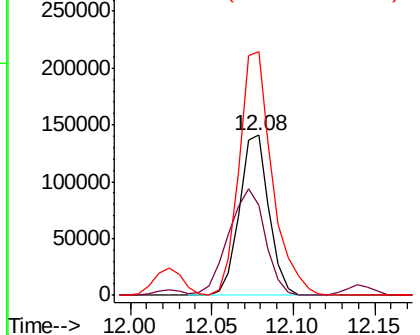


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

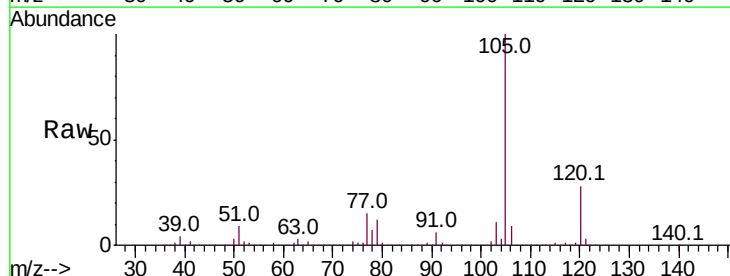
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 70.749 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

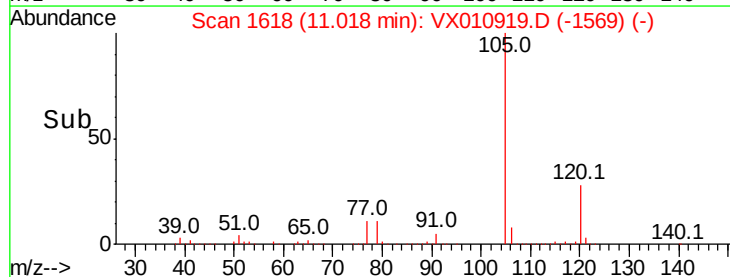
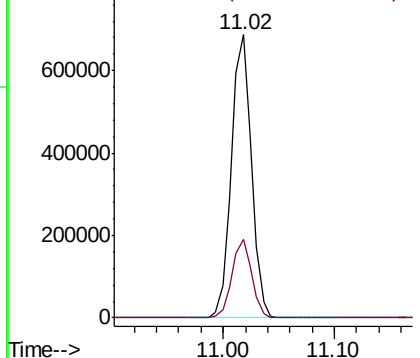
Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.7	41.1

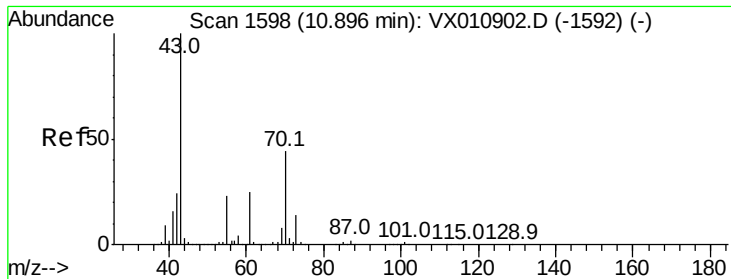


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.335 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

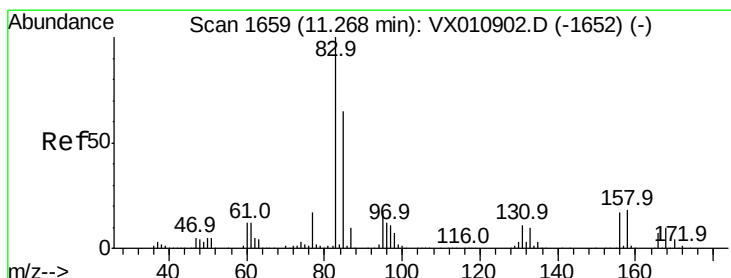
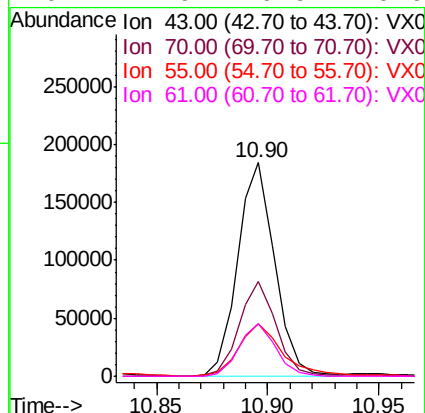
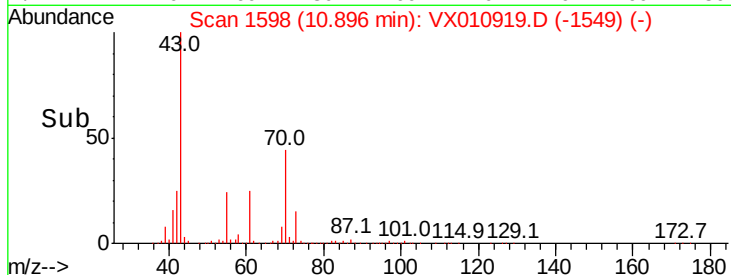
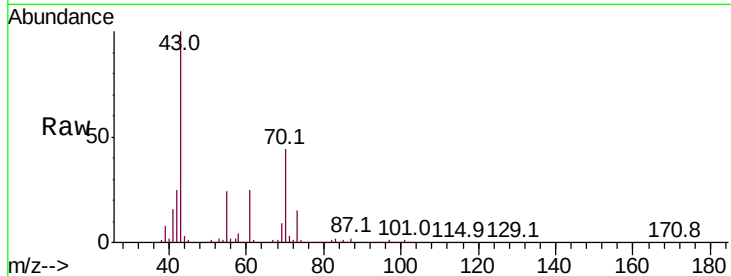
ClientSampled :

FL-0604MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		213202		
70	44.4	34.7	52.1		
55	28.5	19.1	28.7		
61	24.6	19.9	29.9		

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 49.765 ug/l

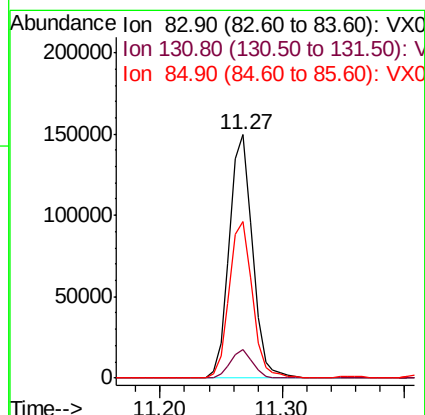
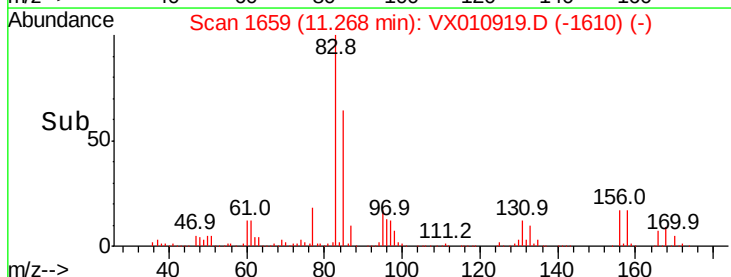
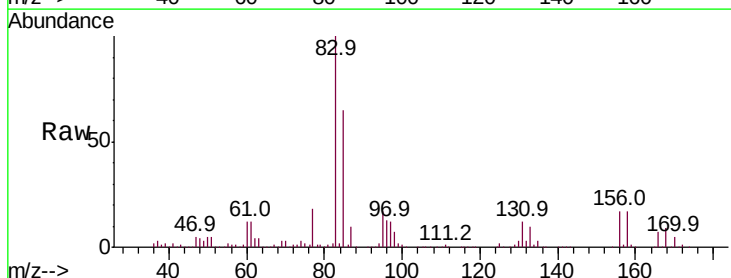
RT: 11.27 min Scan# 1659

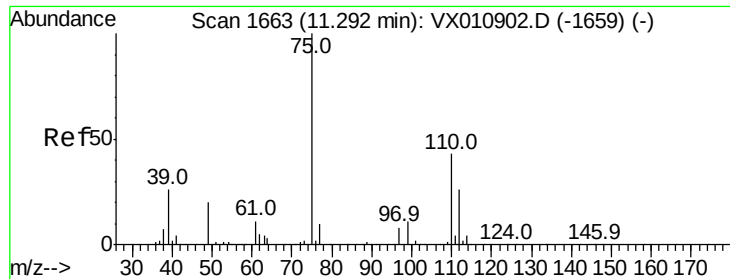
Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		196123		
131	11.2	5.5	16.4		
85	64.5	32.3	96.9		





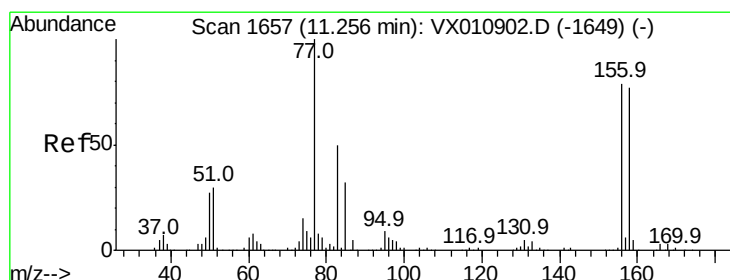
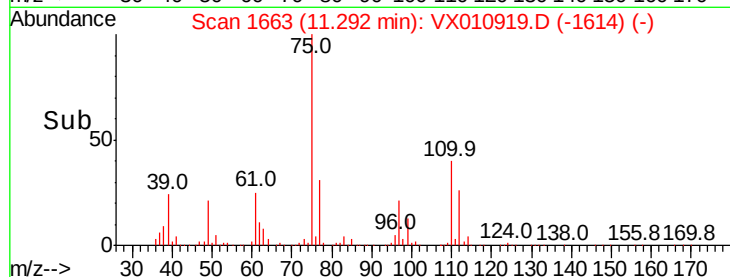
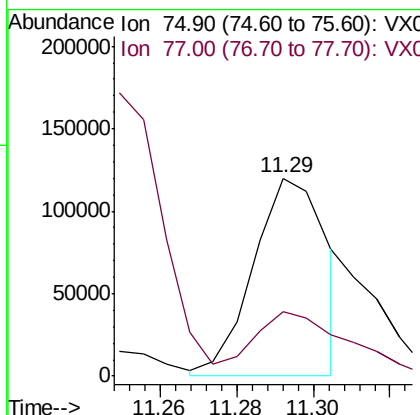
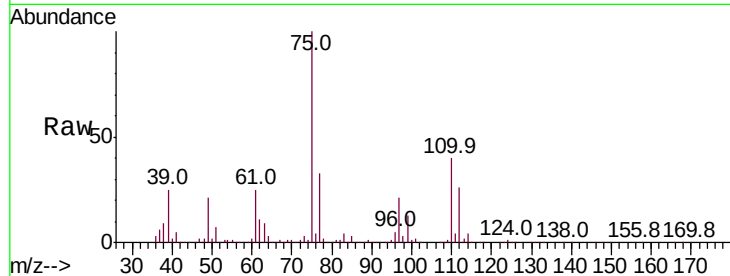
#76
 1,2,3-Trichloropropane
 Concen: 49.388 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MS

Tot Ion: 75 Resp: 158836
 Ion Ratio Lower Upper
 75 100
 77 42.4 21.3 64.0

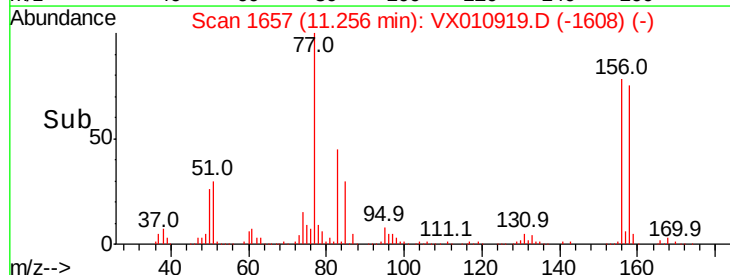
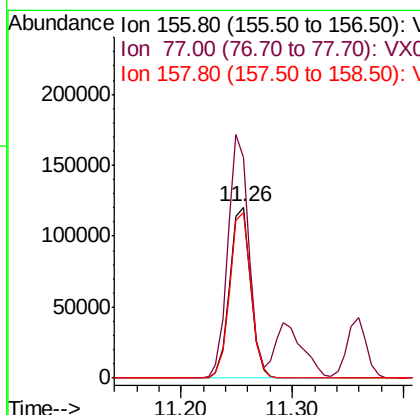
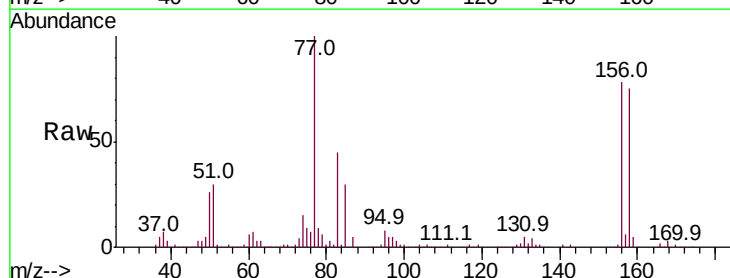
Manual Integrations
 APPROVED

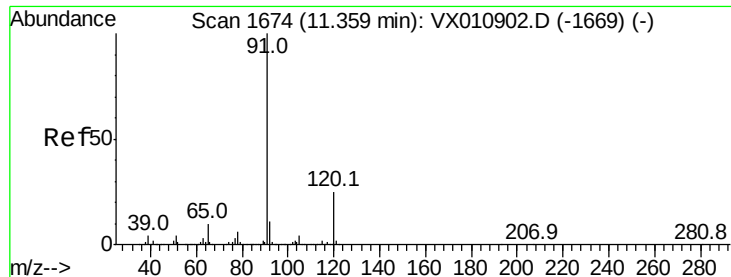
MMDadoda
 7/17/2019 1:23:15 PM



#77
 Bromobenzene
 Concen: 47.288 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Tgt Ion: 156 Resp: 157079
 Ion Ratio Lower Upper
 156 100
 77 141.2 68.7 206.1
 158 97.9 47.9 143.7





#78

n-propylbenzene

Concen: 95.715 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

Tot Ion: 91 Resp: 1273578

Ion Ratio Lower Upper

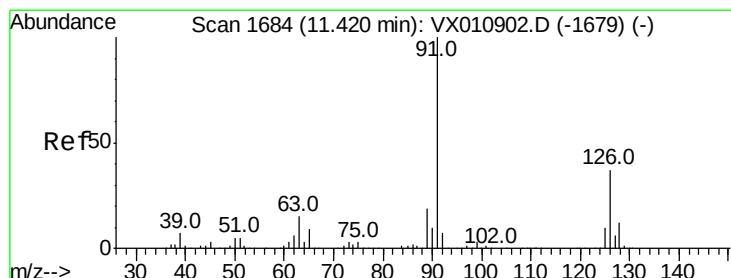
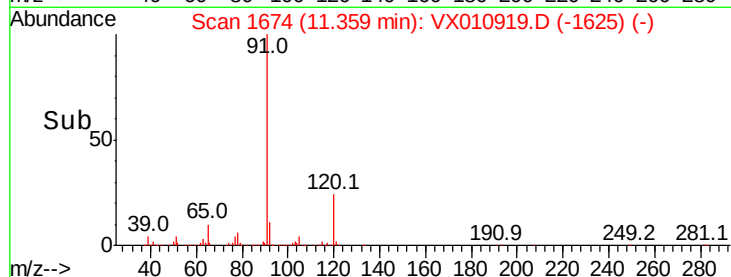
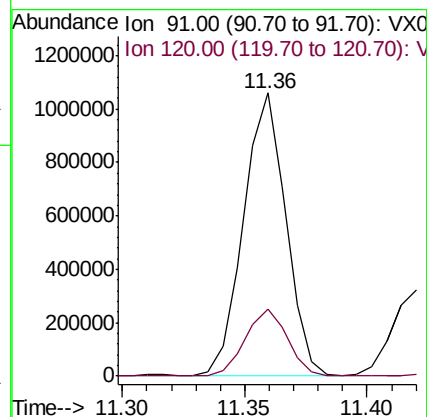
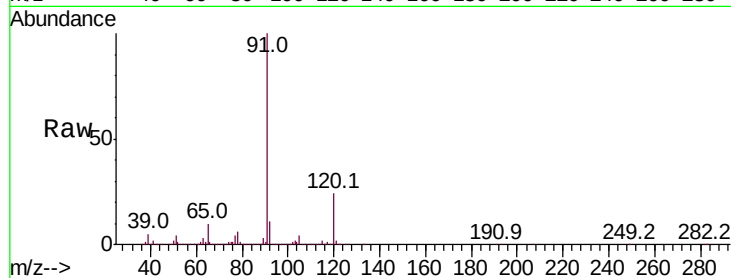
91 100

120 23.9 12.3 36.8

Manual Integrations
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MMDadoda

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#79

2-Chlorotoluene

Concen: 52.745 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010919.D

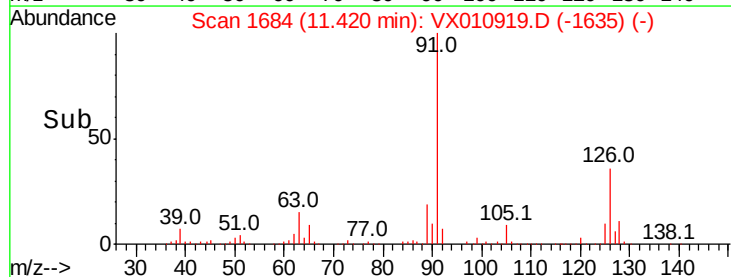
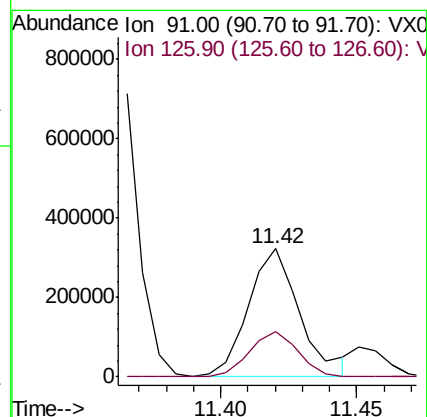
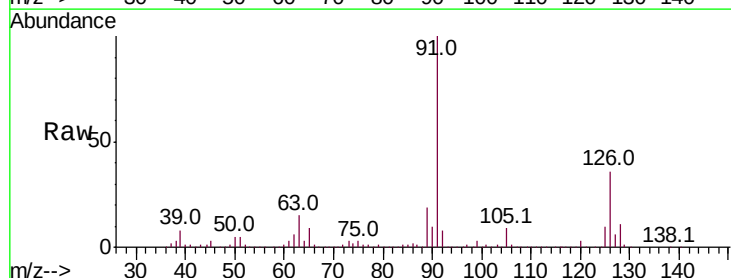
Acq: 16 Jul 2019 20:12

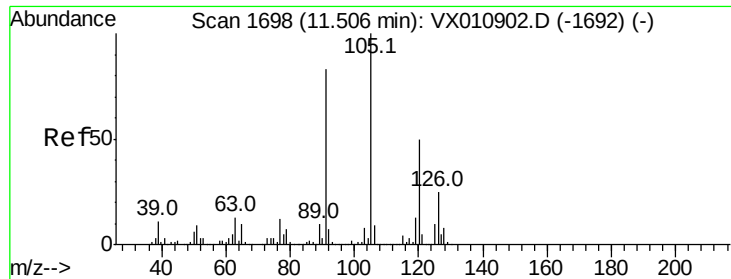
Tgt Ion: 91 Resp: 421595

Ion Ratio Lower Upper

91 100

126 33.4 18.0 54.0





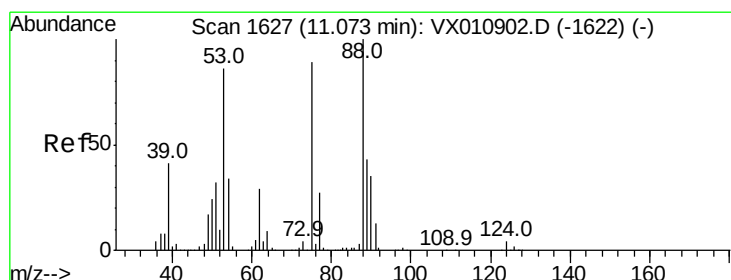
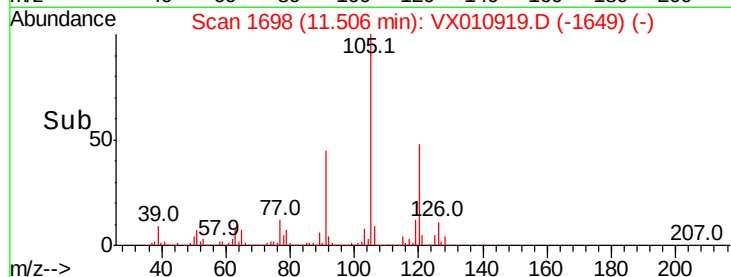
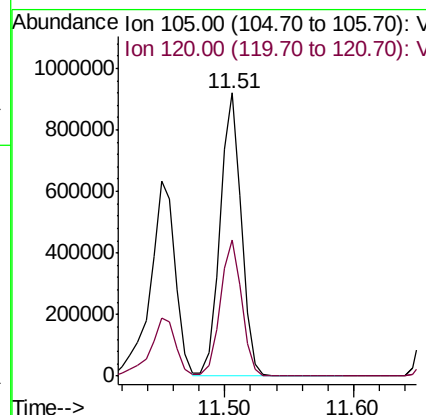
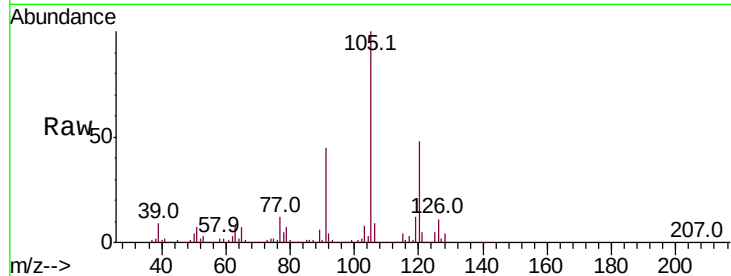
#80
 1,3,5-Trimethylbenzene
 Concen: 105.695 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0604MS

Tot Ion:105 Resp: 1063569
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.6 73.8

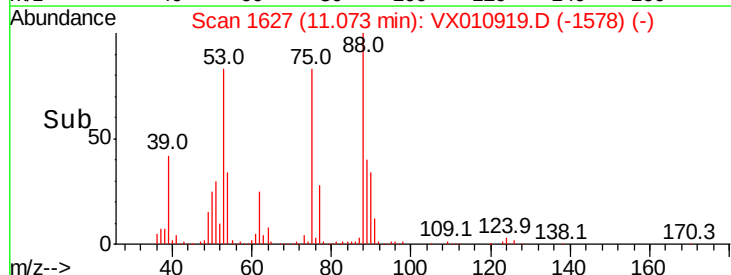
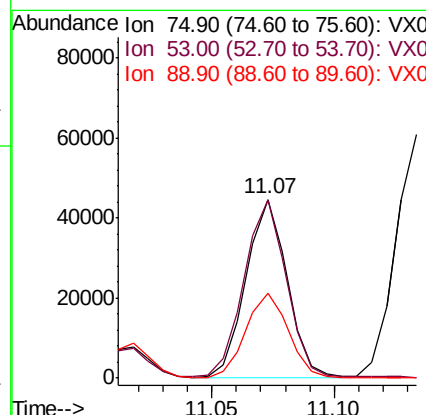
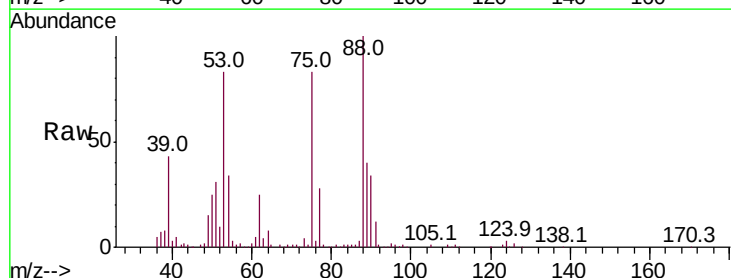
Manual Integrations
 APPROVED

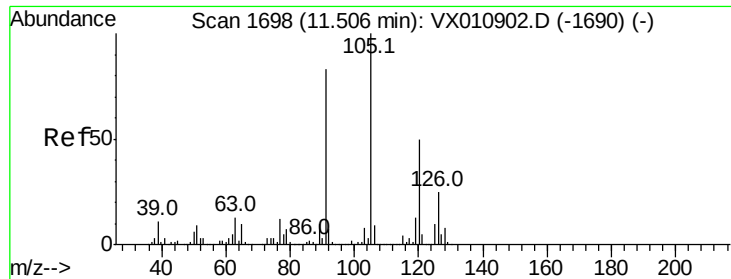
MMDadoda
 7/17/2019 1:23:15 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.904 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Tgt Ion: 75 Resp: 52304
 Ion Ratio Lower Upper
 75 100
 53 103.1 76.7 115.1
 89 49.4 38.5 57.7





#82

4-Chlorotoluene

Concen: 56.476 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

FL-0604MS

Tot Ion: 91 Resp: 525411

Ion Ratio Lower Upper

91 100

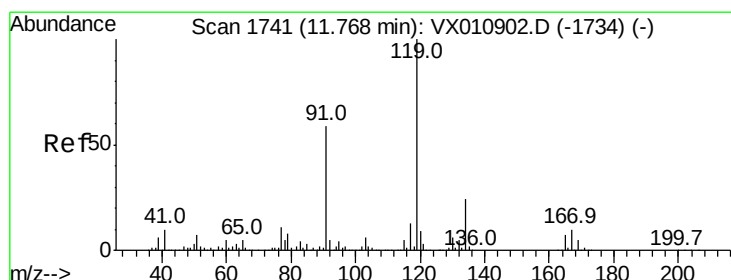
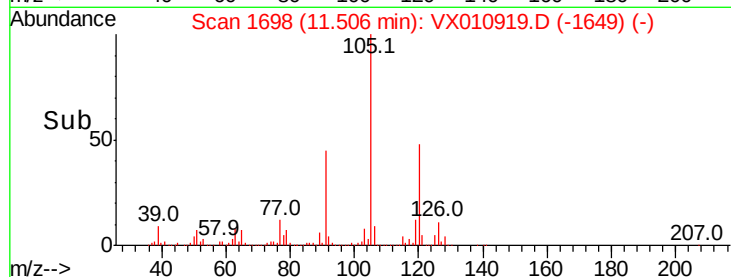
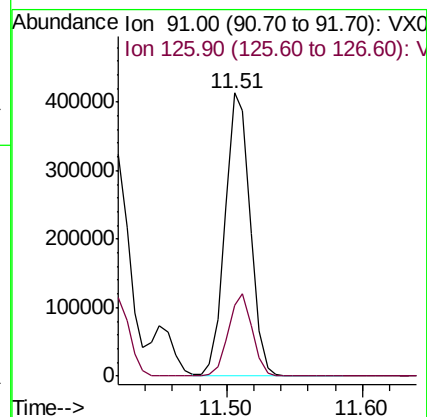
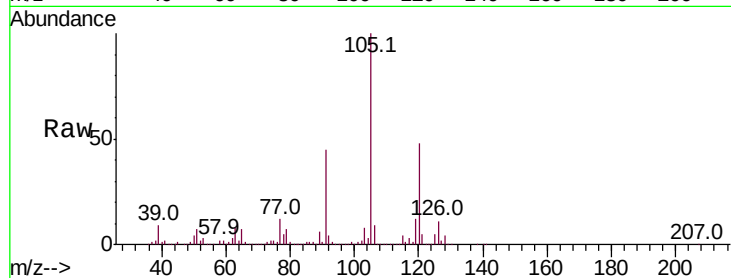
126 27.7 15.9 47.7

Manual Integrations

APPROVED

MMDadoda

7/17/2019 1:23:15 PM



#83

tert-Butylbenzene

Concen: 52.469 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

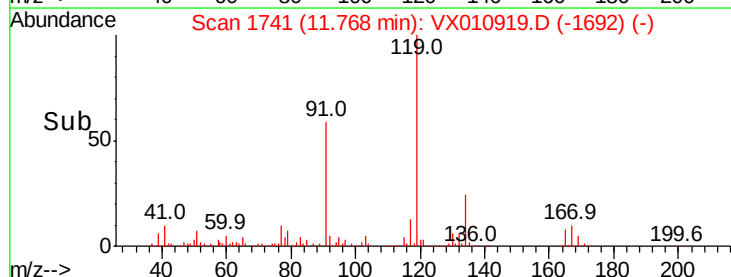
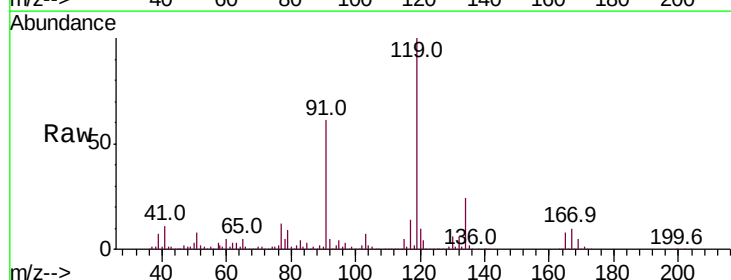
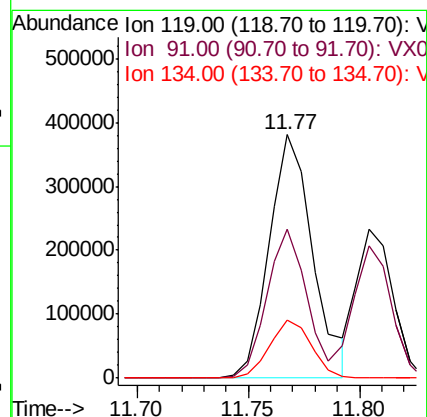
Tgt Ion: 119 Resp: 518604

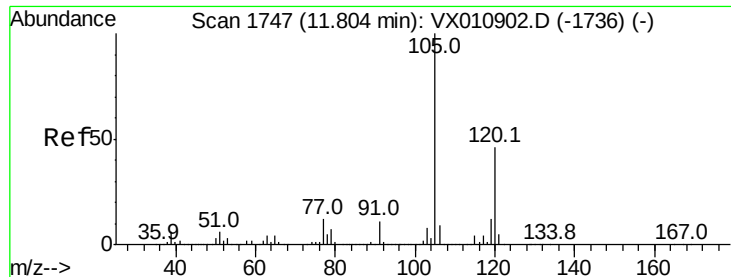
Ion Ratio Lower Upper

119 100

91 55.5 28.6 85.8

134 22.7 11.6 34.8





#84

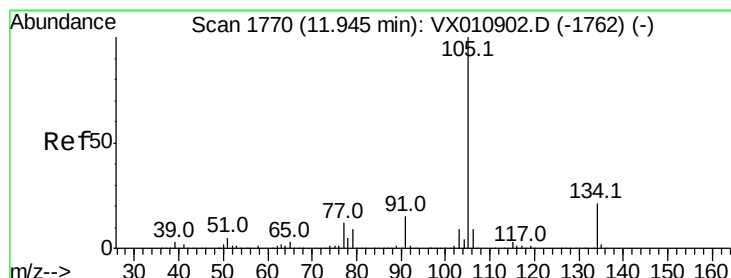
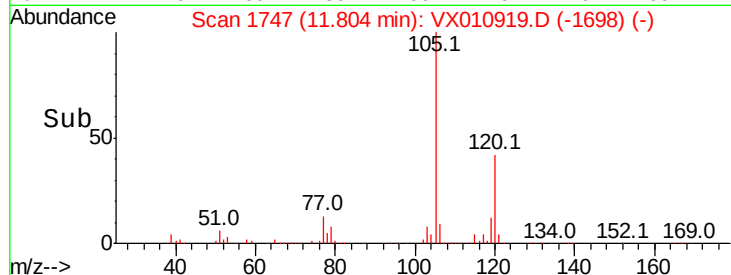
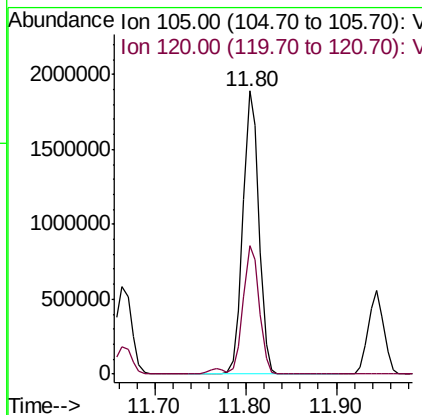
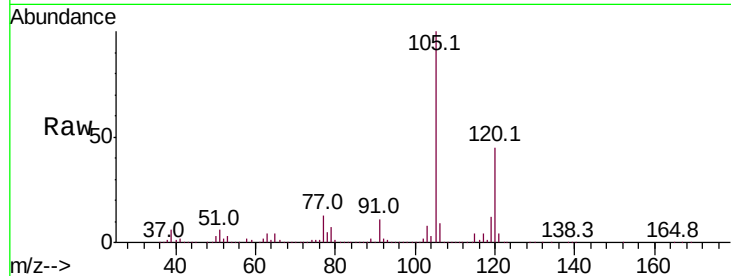
1,2,4-Trimethylbenzene
Concen: 226.928 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MS

Tot Ion:105 Resp: 2301542
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.5

Manual Integrations
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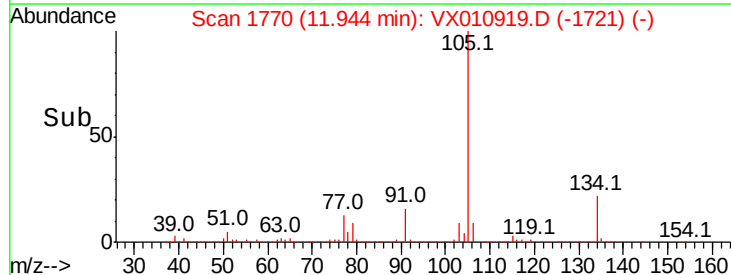
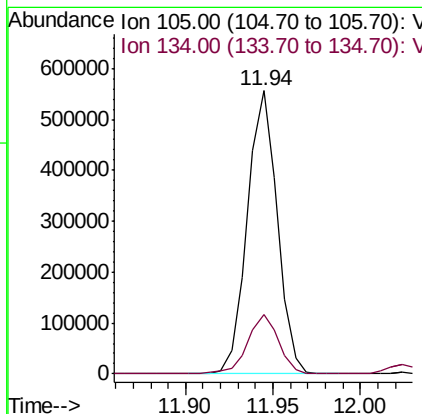
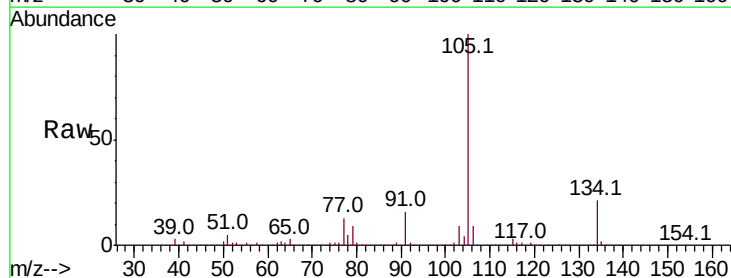
MMDadoda
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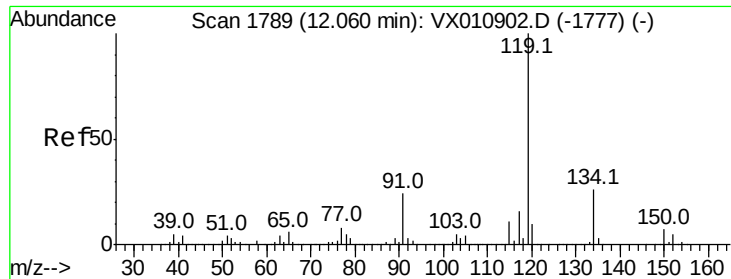


#85

sec-Butylbenzene
Concen: 56.958 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion:105 Resp: 659658
Ion Ratio Lower Upper
105 100
134 21.9 10.4 31.4





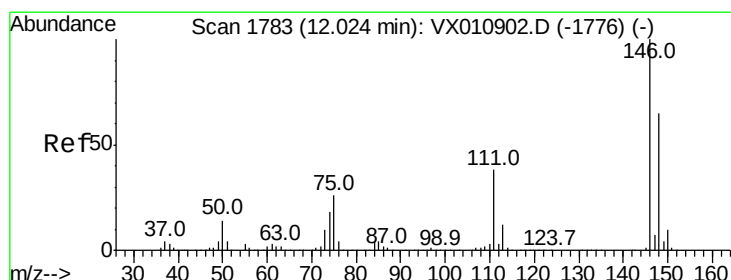
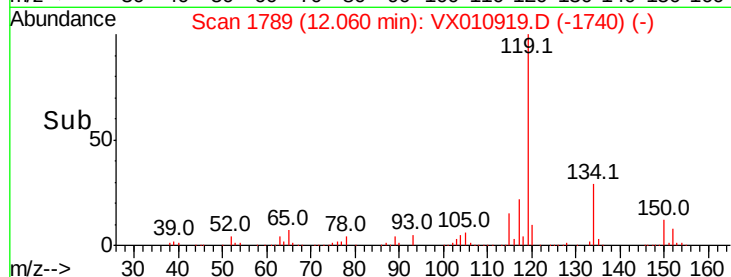
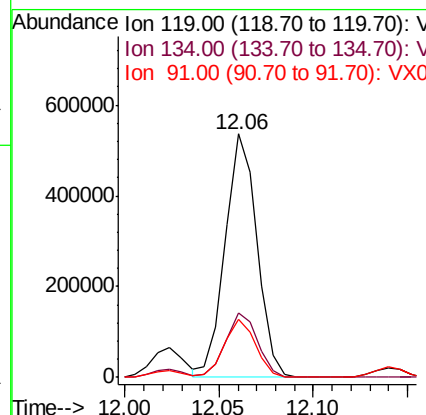
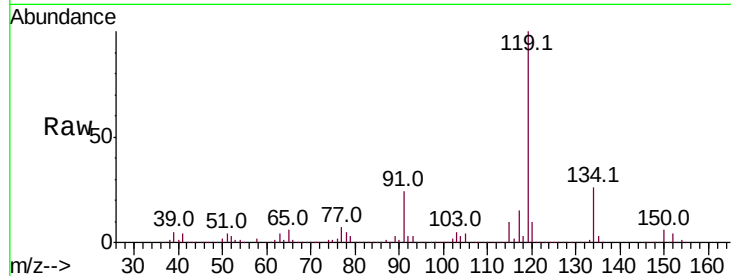
#86
 p-Isopropyltoluene
 Concen: 58.679 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.1
91	23.5	11.8	35.4

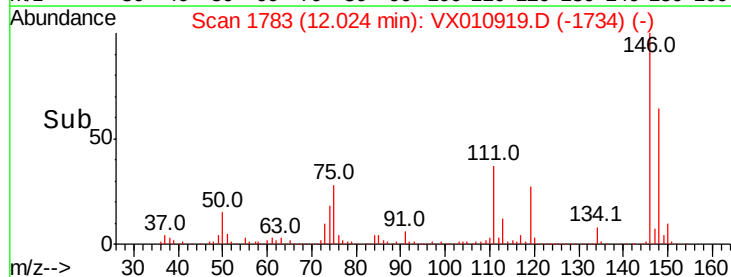
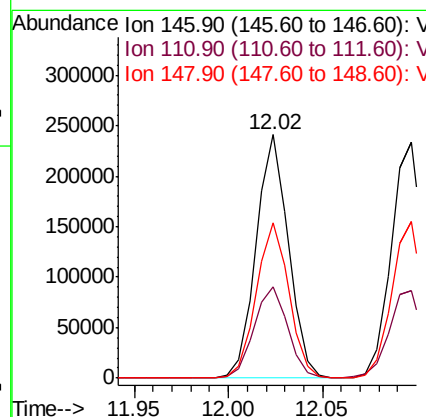
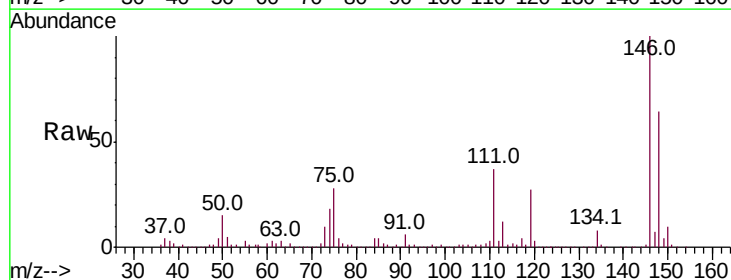
Manual Integrations
 APPROVED

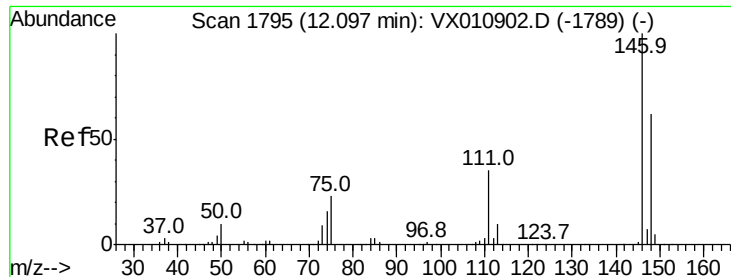
MMDadoda
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#87
 1,3-Dichlorobenzene
 Concen: 49.681 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.9
148	64.2	32.2	96.6





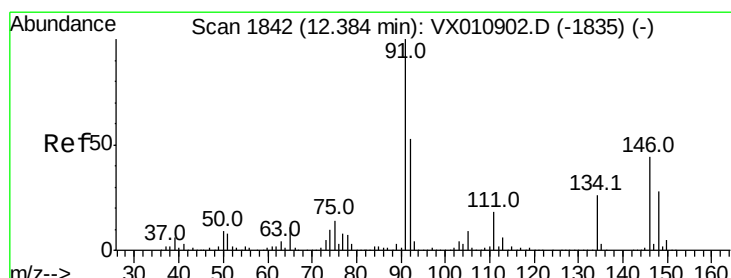
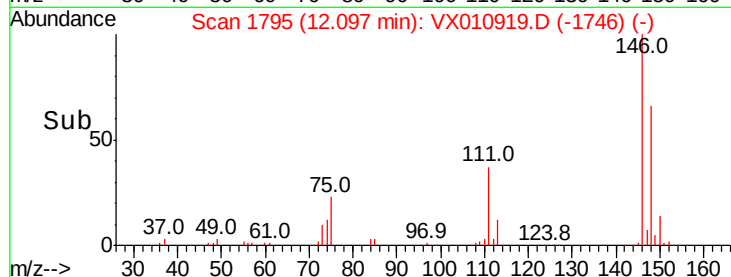
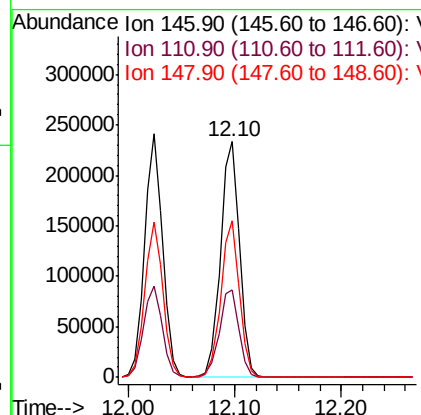
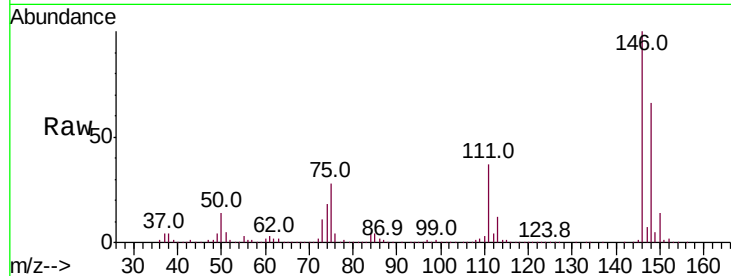
#88
 1,4-Dichlorobenzene
 Concen: 48.767 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.8
148	64.7	31.6	94.7

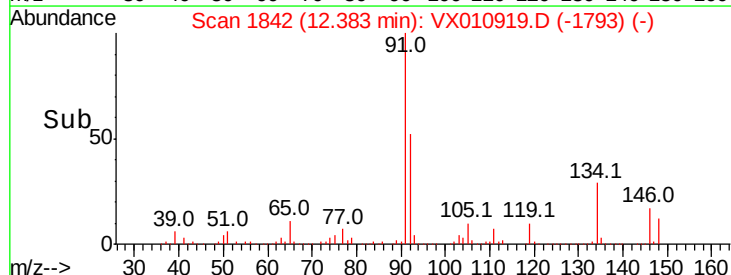
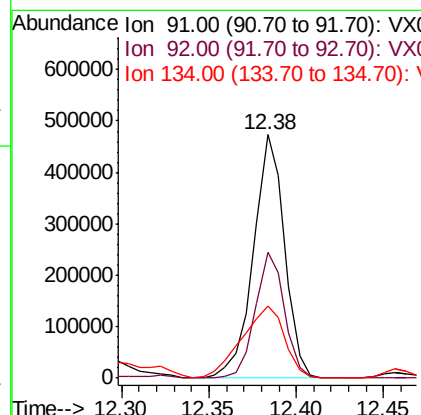
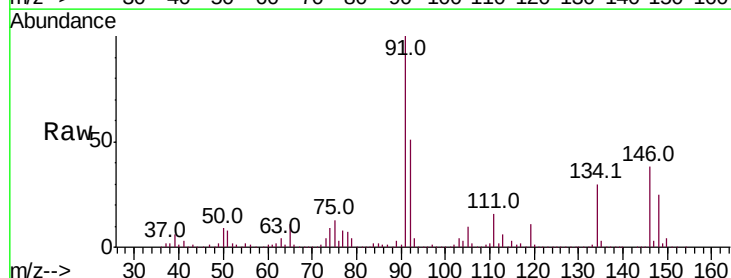
Manual Integrations
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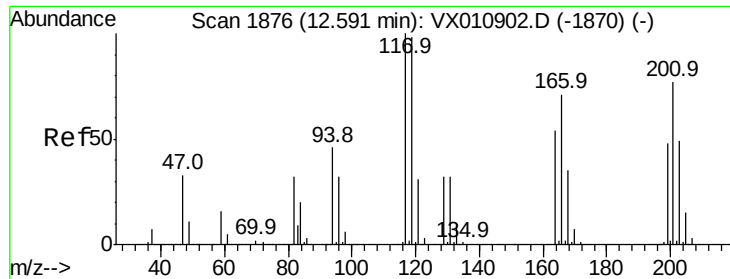
MMDadoda
 7/17/2019 1:23:15 PM



#89
 n-Butylbenzene
 Concen: 63.540 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	48.6	26.2	78.5
134	40.6	13.8	41.3





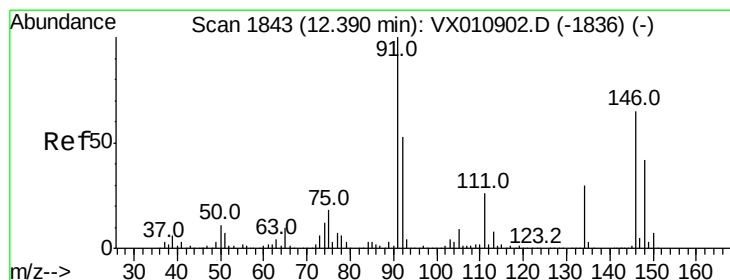
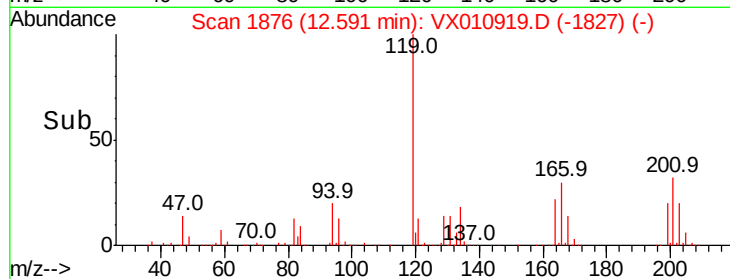
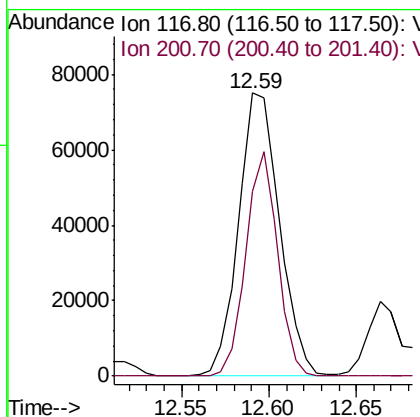
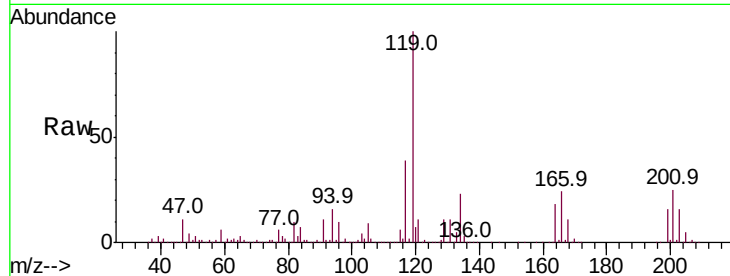
#90
Hexachloroethane
Concen: 72.554 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MS

Tot Ion:117 Resp: 122529
Ion Ratio Lower Upper
117 100
201 61.1 43.3 129.8

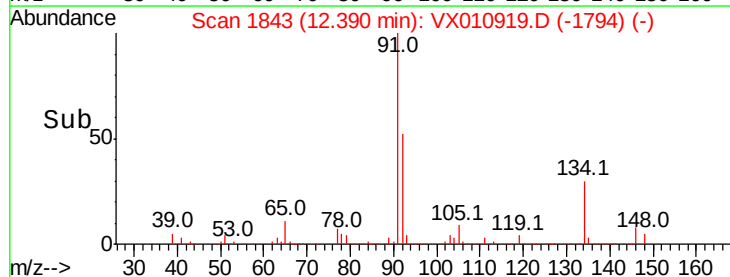
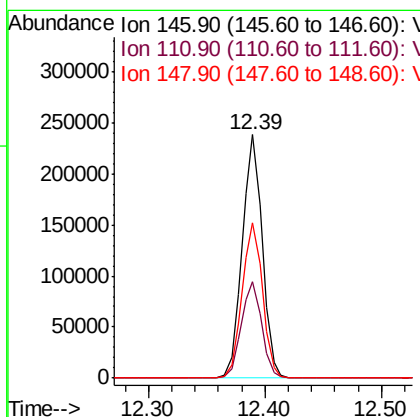
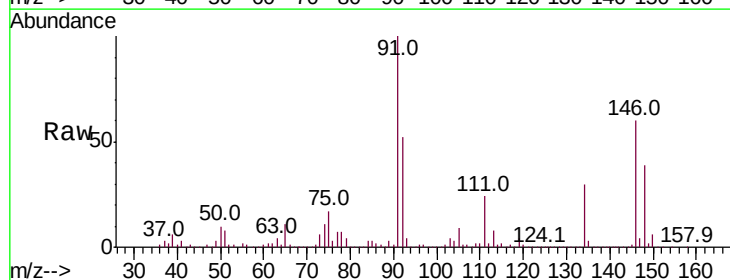
Manual Integrations
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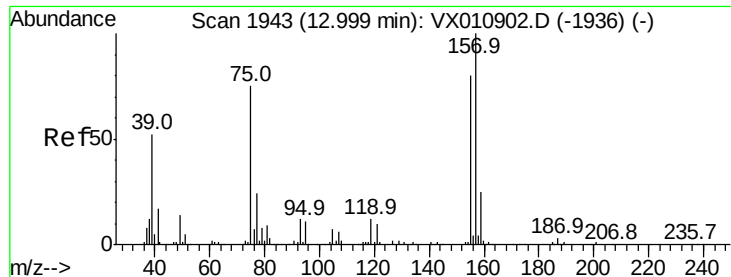
MMDadoda
7/17/2019 1:23:15 PM



#91
1,2-Dichlorobenzene
Concen: 50.148 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion:146 Resp: 286504
Ion Ratio Lower Upper
146 100
111 40.2 19.9 59.7
148 65.2 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 56.894 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

FL-0604MS

Tot Ion: 75 Resp: 46868

Ion Ratio Lower Upper

75 100

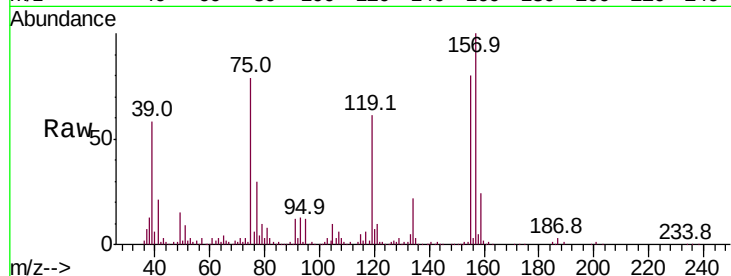
155 89.0 48.7 146.1

157 113.5 62.5 187.6

Manual Integrations
APPROVED

MMDadoda

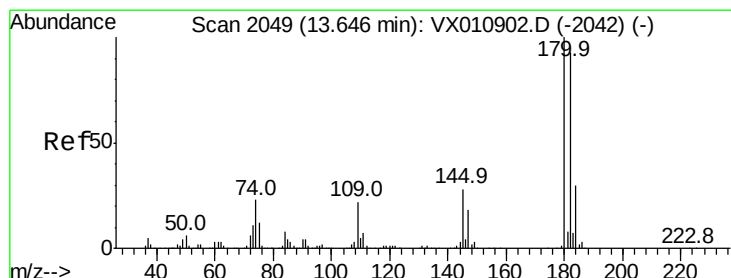
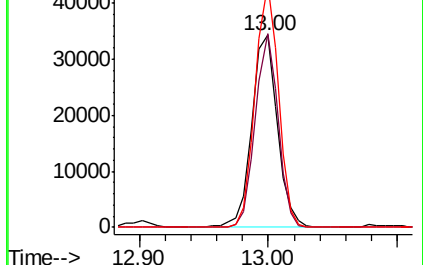
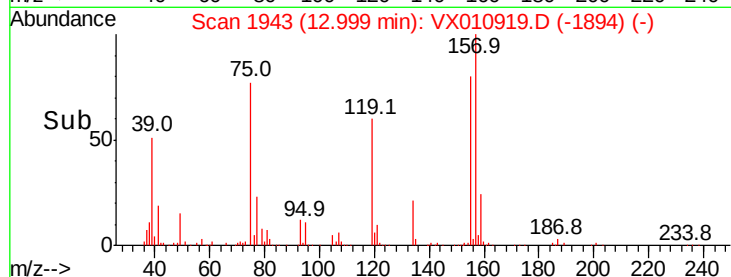
7/17/2019 1:23:15 PM



Abundance Ion 74.90 (74.60 to 75.60): VX010919.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX010919.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX010919.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 51.608 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX010919.D

Acq: 16 Jul 2019 20:12

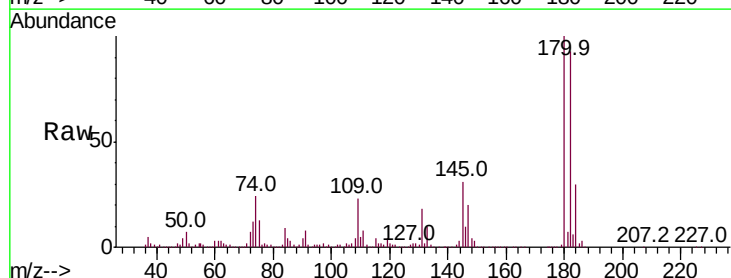
Tgt Ion:180 Resp: 199819

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.3

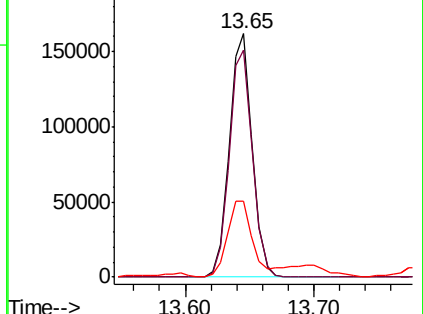
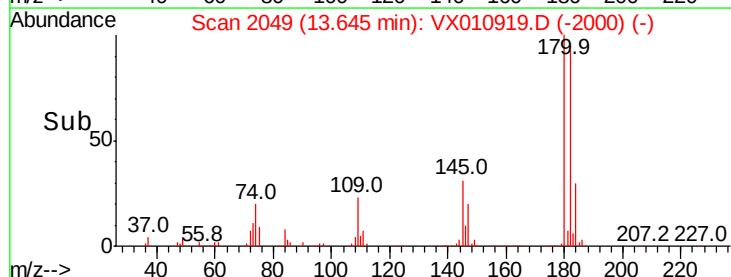
145 34.7 14.8 44.4

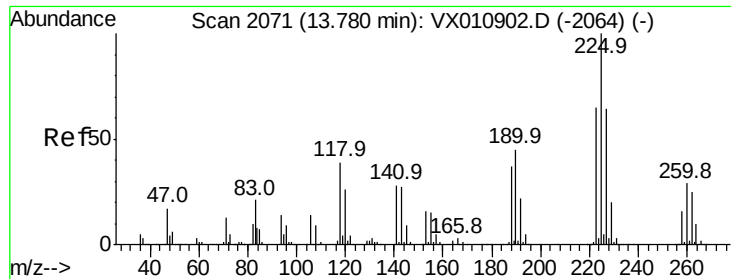


Abundance Ion 179.80 (179.50 to 180.50): VX010919.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX010919.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX010919.D (-2000) (-)





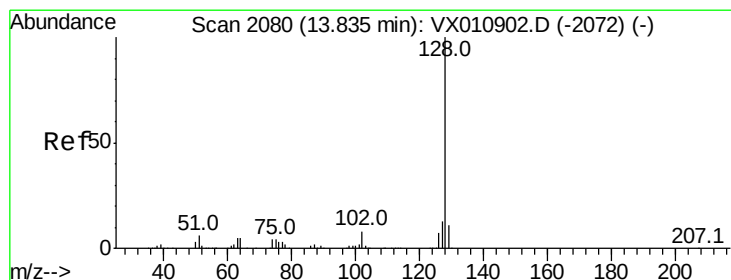
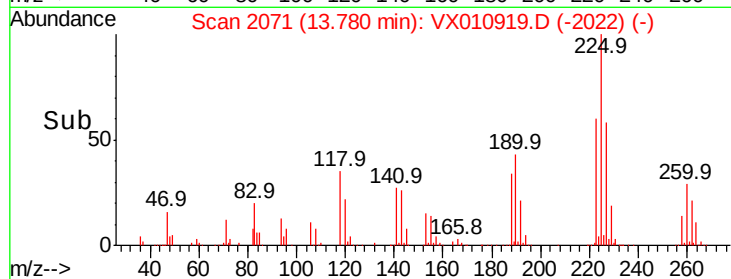
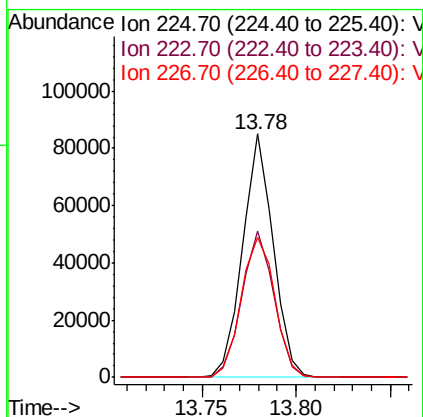
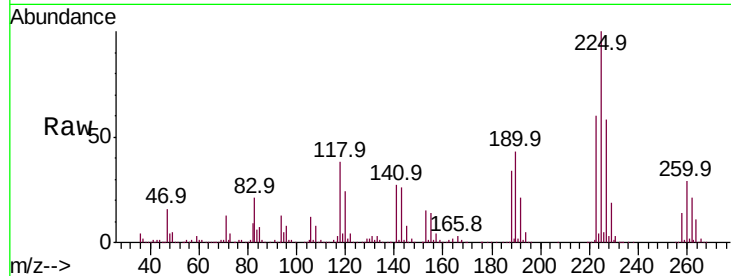
#94
Hexachlorobutadiene
Concen: 49.913 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Instrument :
MSVOA_X
ClientSampled :
FL-0604MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.9	95.9
227	63.4	32.5	97.4

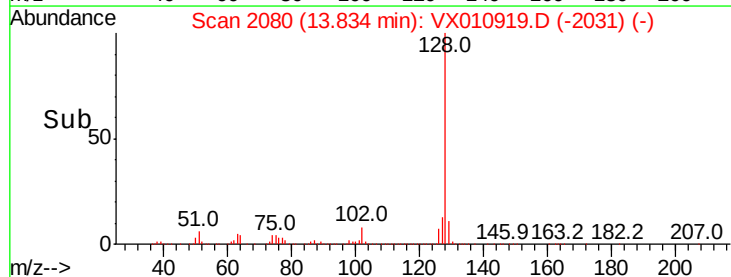
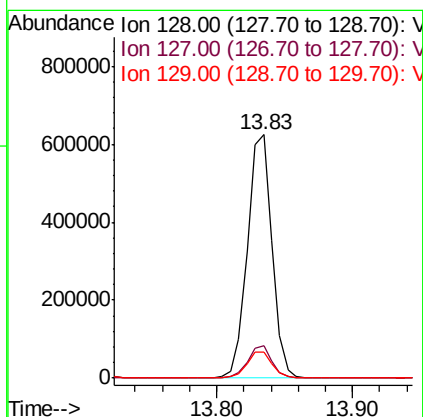
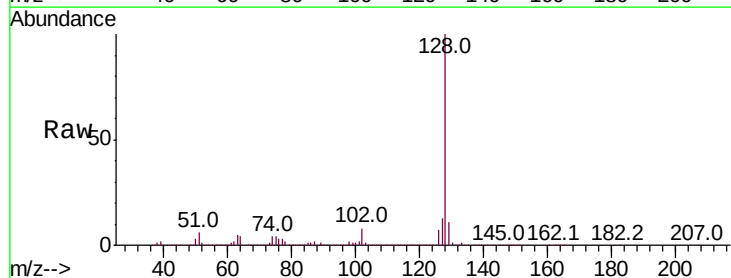
Manual Integrations
APPROVED

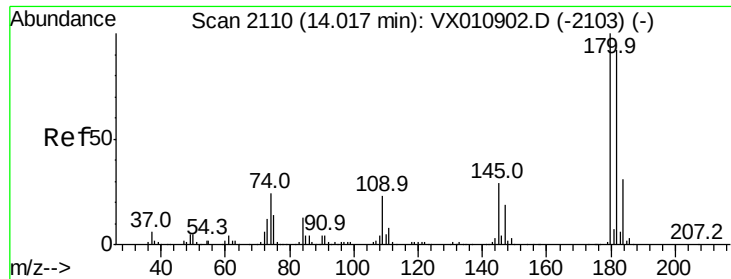
MMDadoda
7/17/2019 1:23:15 PM



#95
Naphthalene
Concen: 69.292 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010919.D
Acq: 16 Jul 2019 20:12

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.2	8.9	13.3





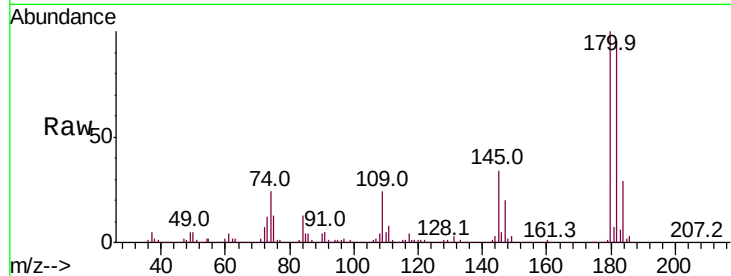
#96
 1,2,3-Trichlorobenzene
 Concen: 51.233 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX010919.D
 Acq: 16 Jul 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	47.4	142.3
145	36.0	15.1	45.3

Manual Integrations
 APPROVED

MMDadoda
 7/17/2019 1:23:15 PM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

