

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071519\
 Data File : VX010896.D
 Acq On : 15 Jul 2019 19:44
 Operator : JC/SP
 Sample : K3791-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

Manual Integrations
 APPROVED

MMDadoda
 7/16/2019 10:48:01 AM

Quant Time: Jul 16 03:59:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	261262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	396603	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	366330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192562	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113402	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
35) Dibromofluoromethane	5.49	113	106038	43.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.40%	
50) Toluene-d8	8.71	98	379065	40.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.66%	
62) 4-Bromofluorobenzene	11.13	95	150665	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	84920	46.753	ug/l	100
3) Chloromethane	1.32	50	90287	42.688	ug/l	98
4) Vinyl Chloride	1.41	62	98056	42.327	ug/l	97
5) Bromomethane	1.64	94	51756	45.858	ug/l	96
6) Chloroethane	1.71	64	61098	44.703	ug/l	100
7) Trichlorofluoromethane	1.93	101	173997	47.380	ug/l	99
8) Diethyl Ether	2.19	74	60233	45.736	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	98623	44.315	ug/l	99
10) Methyl Iodide	2.51	142	136236	42.894	ug/l	96
11) Tert butyl alcohol	3.05	59	144491	225.423	ug/l	100
12) 1,1-Dichloroethene	2.37	96	99619	43.990	ug/l	98
13) Acrolein	2.29	56	107360	252.488	ug/l	98
14) Allyl chloride	2.73	41	144942	45.083	ug/l	95
15) Acrylonitrile	3.14	53	292475	230.465	ug/l	99
16) Acetone	2.45	43	242985	197.925	ug/l	96
17) Carbon Disulfide	2.57	76	233708	38.467	ug/l	100
18) Methyl Acetate	2.78	43	105687	43.194	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	335703	47.122	ug/l	99
20) Methylene Chloride	2.85	84	113536	44.939	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	105251	43.214	ug/l	97
22) Diisopropyl ether	3.86	45	315877	46.992	ug/l	# 87
23) Vinyl Acetate	3.81	43	1272547	219.141	ug/l	98
24) 1,1-Dichloroethane	3.70	63	183486	47.223	ug/l	99
25) 2-Butanone	4.67	43	402018	223.241	ug/l	98
26) 2,2-Dichloropropane	4.59	77	130607	38.695	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	125751	44.680	ug/l	98
28) Bromochloromethane	5.01	49	78257	42.125	ug/l	93
29) Tetrahydrofuran	5.13	42	256094	229.590	ug/l	98
30) Chloroform	5.21	83	196254	46.944	ug/l	100
31) Cyclohexane	5.58	56	153199	43.297	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	173788	47.079	ug/l	99
36) 1,1-Dichloropropene	5.80	75	137918	43.761	ug/l	98
37) Ethyl Acetate	4.83	43	140270	43.263	ug/l	98
38) Carbon Tetrachloride	5.79	117	151966	44.528	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	170036	41.044	ug/l	98
40) Benzene	6.14	78	432263	44.024	ug/l	100
41) Methacrylonitrile	5.04	41	83479	46.925	ug/l	97
42) 1,2-Dichloroethane	6.20	62	150822	50.461	ug/l	97
43) Isopropyl Acetate	6.45	43	235268	43.858	ug/l	98
44) Trichloroethene	7.21	130	125367	42.670	ug/l	99
45) 1,2-Dichloropropane	7.51	63	111799	45.089	ug/l	99
46) Dibromomethane	7.66	93	81256	45.675	ug/l	95
47) Bromodichloromethane	7.90	83	150767	46.244	ug/l	99
48) Methyl methacrylate	7.77	41	119481	47.919	ug/l	98
49) 1,4-Dioxane	7.74	88	62936	876.203	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	815693	237.757	ug/l	99
52) Toluene	8.78	92	282196	43.643	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	160353	43.870	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	172887	43.525	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	121370	45.513	ug/l	98
56) Ethyl methacrylate	9.18	69	187312	46.367	ug/l	95
57) 1,3-Dichloropropane	9.37	76	192855	46.588	ug/l	99
59) 2-Hexanone	9.49	43	634002	234.803	ug/l	97
60) Dibromochloromethane	9.58	129	132631	44.420	ug/l	99
61) 1,2-Dibromoethane	9.67	107	130990	45.508	ug/l	100
64) Tetrachloroethene	9.33	164	114263	38.564	ug/l	96
65) Chlorobenzene	10.14	112	323860	43.546	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	121783	44.955	ug/l	99
67) Ethyl Benzene	10.25	91	561427	44.715	ug/l	99
68) m/p-Xylenes	10.36	106	426011	87.567	ug/l	95
69) o-Xylene	10.69	106	211435	44.194	ug/l	97
70) Stvrene	10.71	104	363073	45.252	ug/l	97
71) Bromoform	10.85	173	102501	43.510	ug/l	100
73) Isopropylbenzene	11.02	105	569503	43.629	ug/l	98
74) N-amyl acetate	10.90	43	212716	43.120	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	190667	44.106	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	157771m	44.962	ug/l	
77) Bromobenzene	11.26	156	156085	42.823	ug/l	97
78) n-propylbenzene	11.36	91	637666	44.448	ug/l	99
79) 2-Chlorotoluene	11.42	91	375956	44.009	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	476722	44.301	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	55170	36.679	ug/l #	87
82) 4-Chlorotoluene	11.51	91	442998	45.572	ug/l	98
83) tert-Butylbenzene	11.77	119	478014	44.258	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	484016	44.769	ug/l	98
85) sec-Butylbenzene	11.94	105	561469	44.275	ug/l	99
86) p-Isopropyltoluene	12.06	119	517853	44.148	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	273861	43.044	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	270982	41.836	ug/l	99
89) n-Butylbenzene	12.38	91	439967	44.140	ug/l	99
90) Hexachloroethane	12.60	117	84807	41.813	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	271316	42.907	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40522	43.477	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	187009	42.646	ug/l	99

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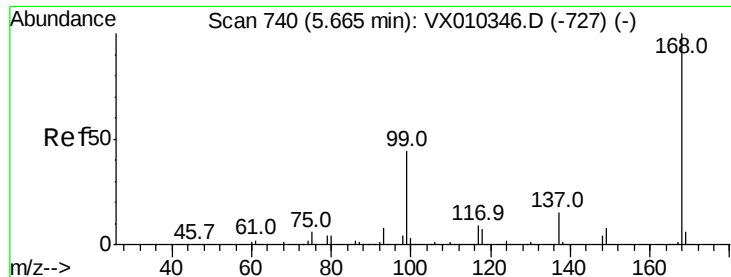
Manual Integrations
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QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	88125	41.119	ug/l	97
95) Naphthalene	13.83	128	573457	42.555	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	188423	43.217	ug/l	100

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



#1

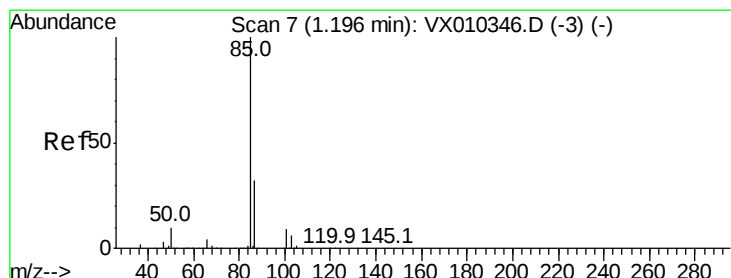
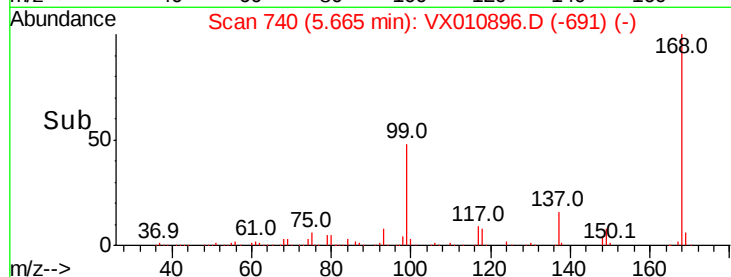
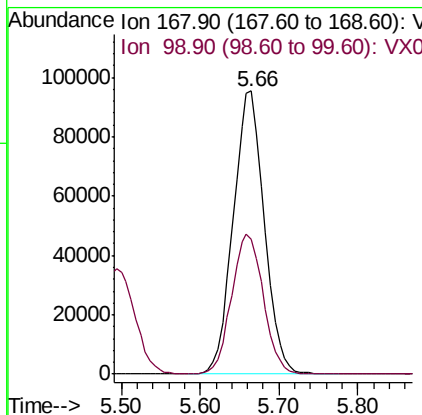
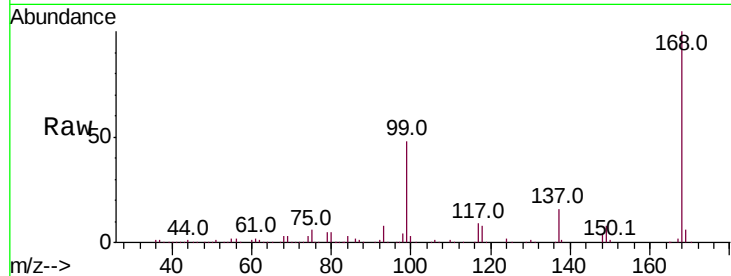
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.5	35.5	53.3

Manual Integrations
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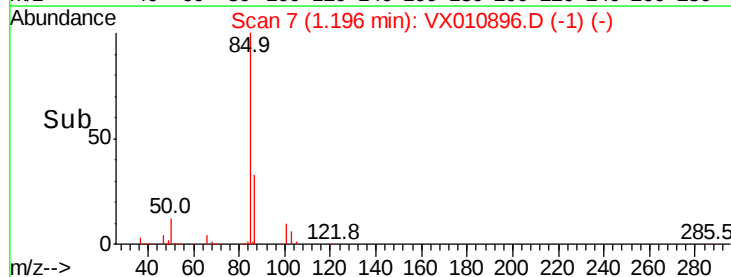
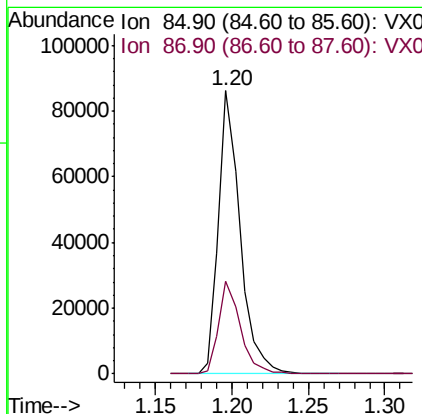
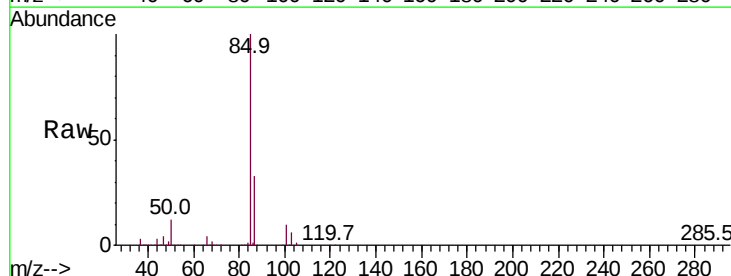
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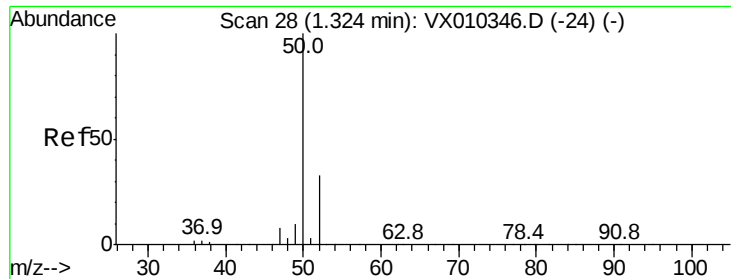


#2

Dichlorodifluoromethane
 Concen: 46.753 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.3	48.8





#3

Chloromethane

Concen: 42.688 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MSD

Tot Ion: 50 Resp: 90287

Ion Ratio Lower Upper

50 100

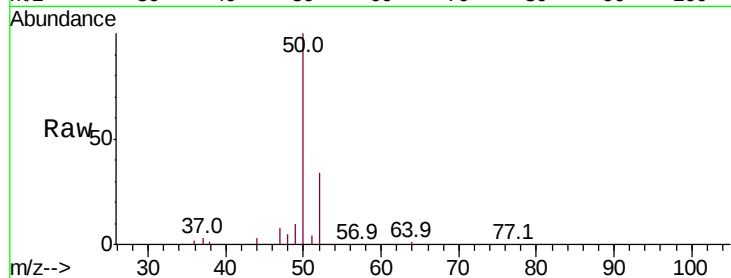
52 34.2 26.5 39.7

Manual Integrations

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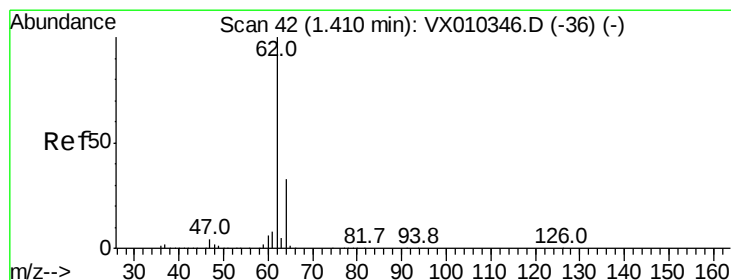
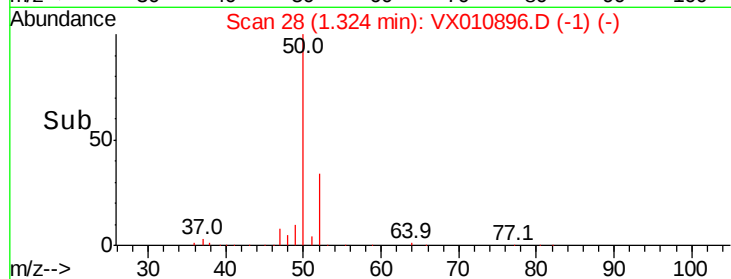
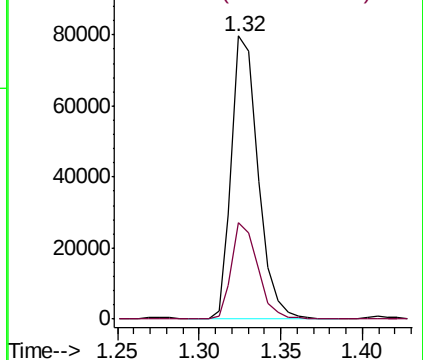
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.327 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010896.D

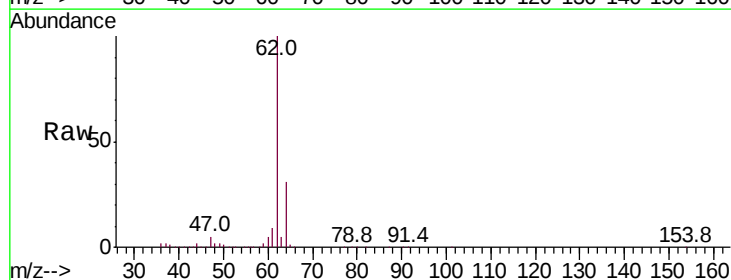
Acq: 15 Jul 2019 19:44

Tgt Ion: 62 Resp: 98056

Ion Ratio Lower Upper

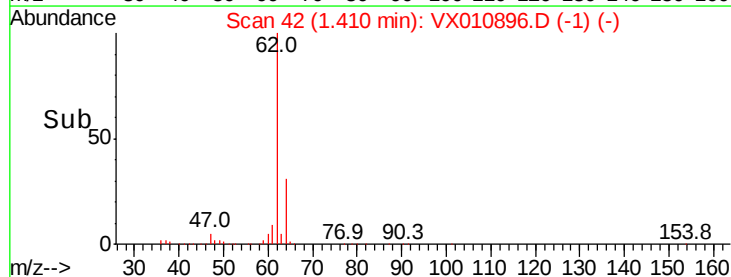
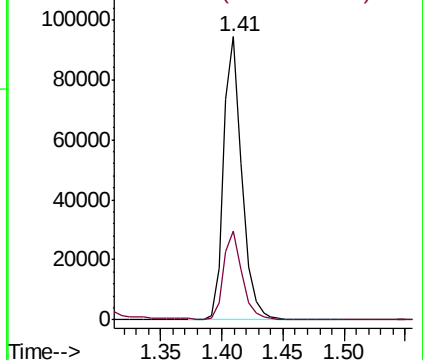
62 100

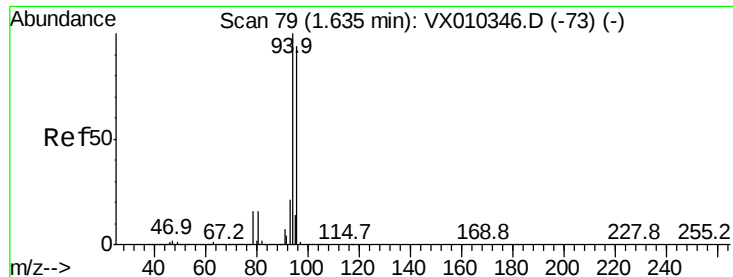
64 31.2 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.858 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MSD

Tot Ion: 94 Resp: 51756

Ion Ratio Lower Upper

94 100

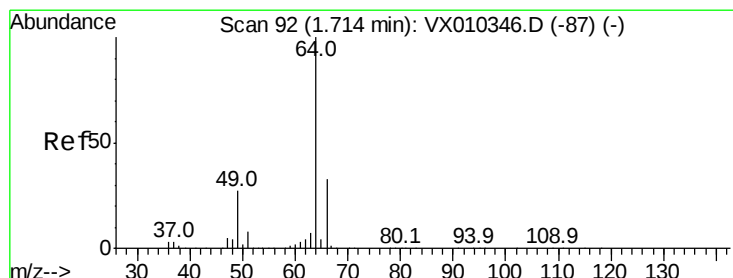
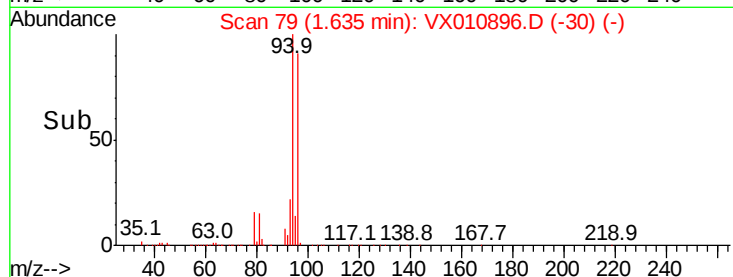
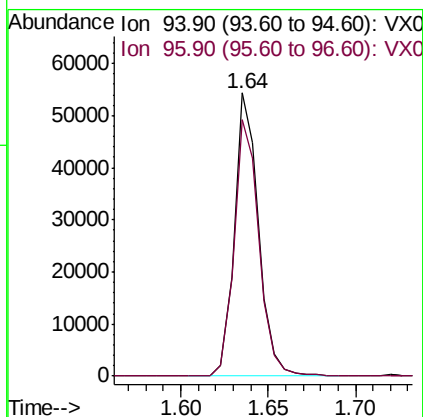
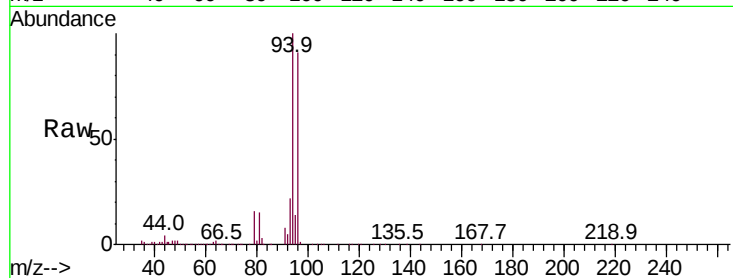
96 90.8 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 44.703 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX010896.D

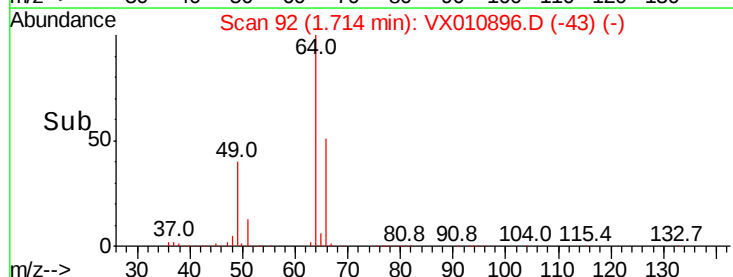
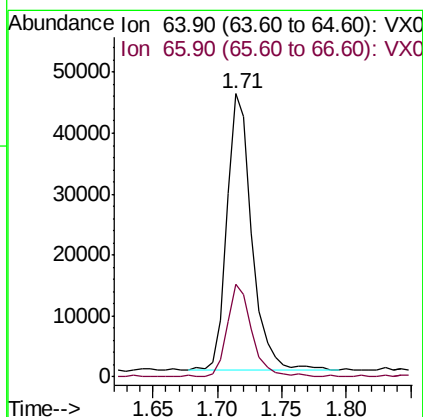
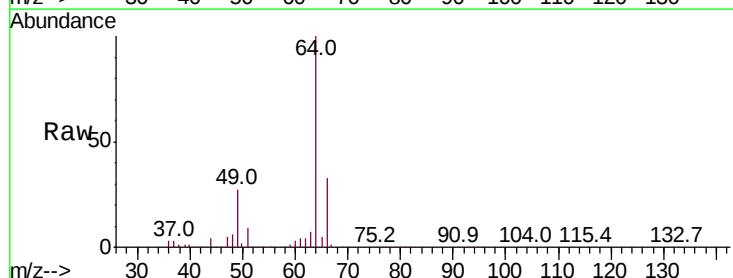
Acq: 15 Jul 2019 19:44

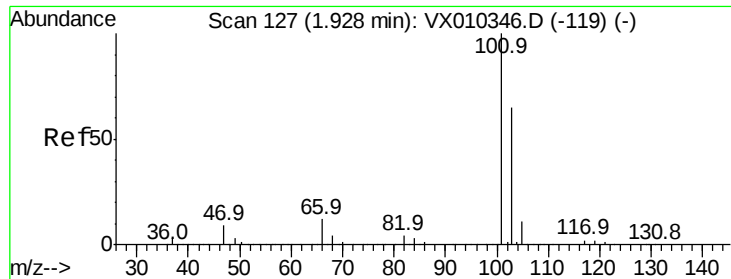
Tgt Ion: 64 Resp: 61098

Ion Ratio Lower Upper

64 100

66 33.3 26.6 40.0





#7

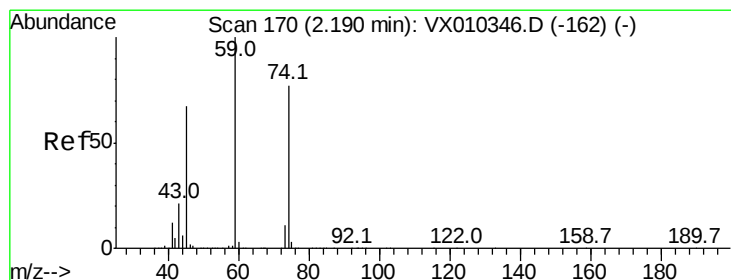
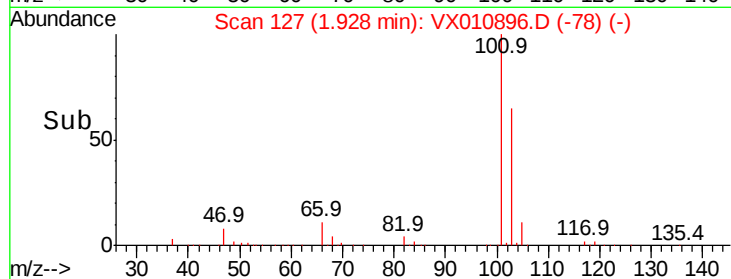
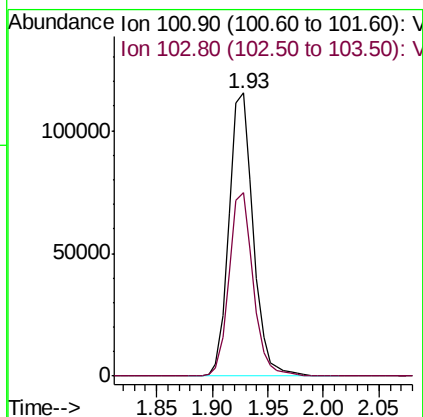
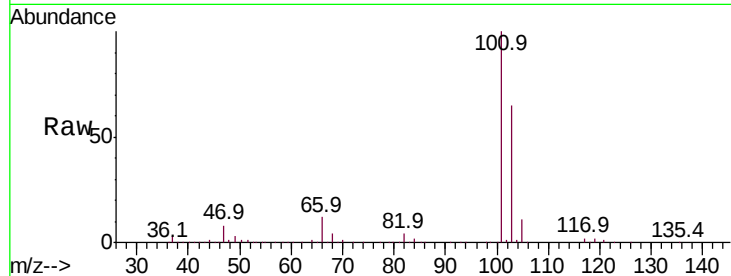
Trichlorofluoromethane
Concen: 47.380 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.3	78.5

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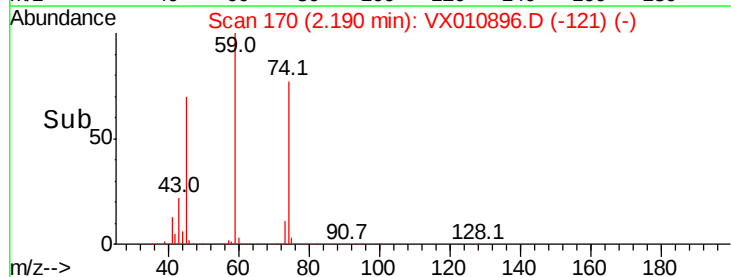
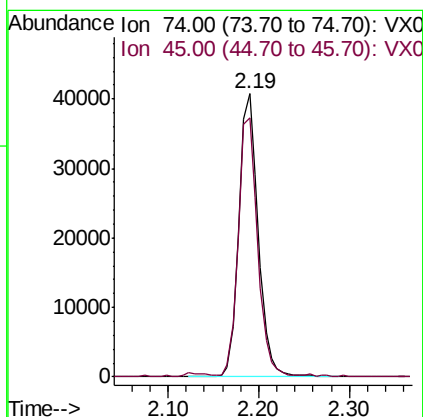
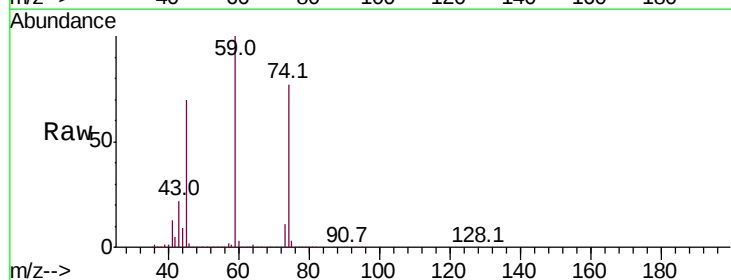
MMDadoda
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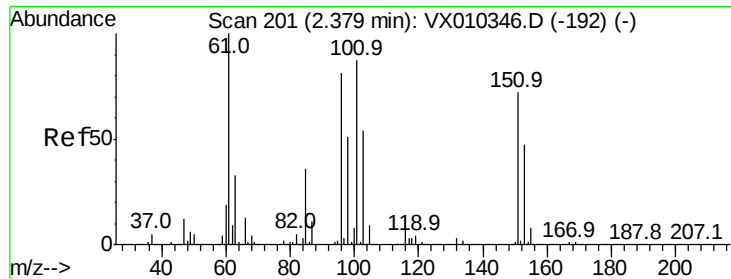


#8

Diethyl Ether
Concen: 45.736 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.5	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.315 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MSD

Tot Ion:101 Resp: 98623

Ion Ratio Lower Upper

101 100

85 43.0 33.7 50.5

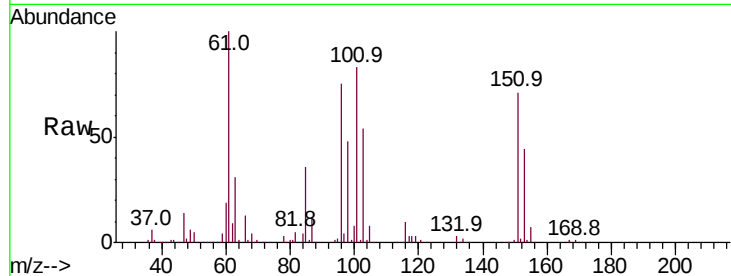
151 86.3 70.1 105.1

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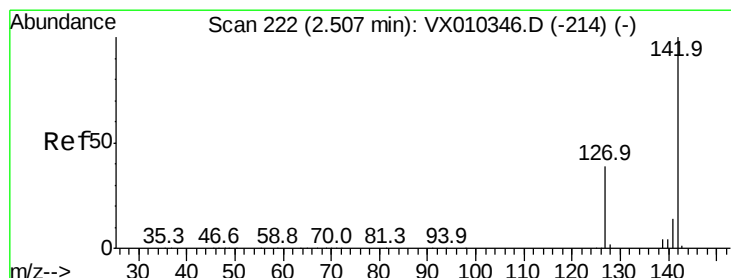
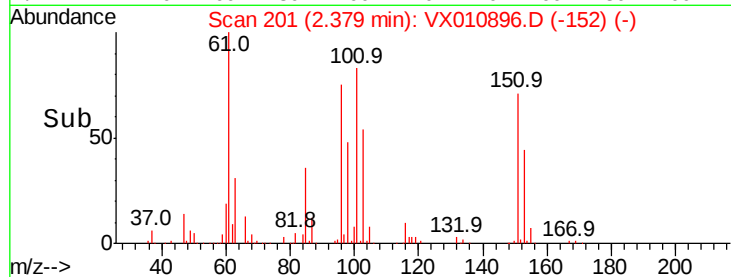
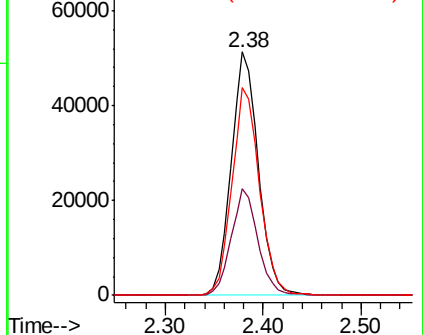
7/16/2019 10:48:01 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.894 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

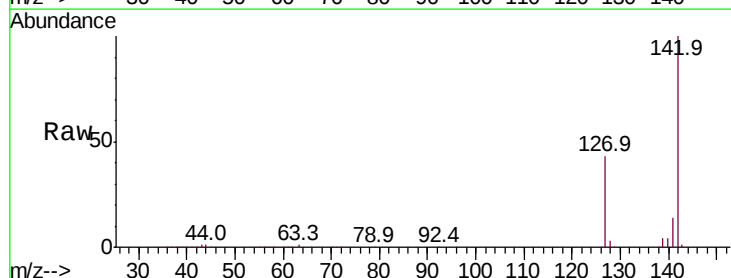
Tgt Ion:142 Resp: 136236

Ion Ratio Lower Upper

142 100

127 42.2 31.1 46.7

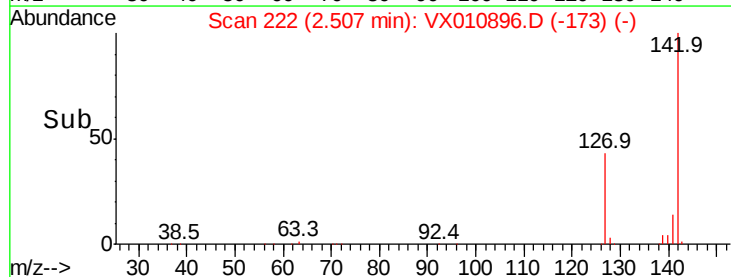
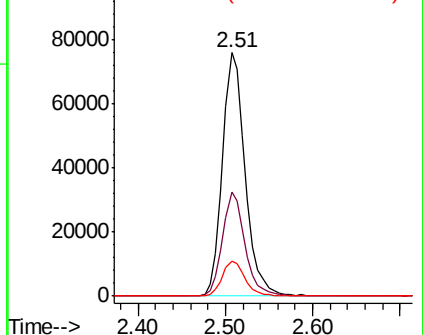
141 14.4 11.2 16.8

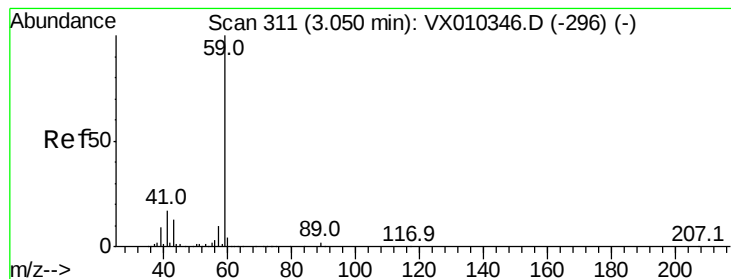


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

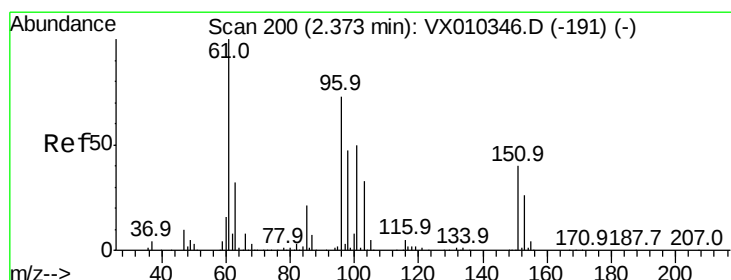
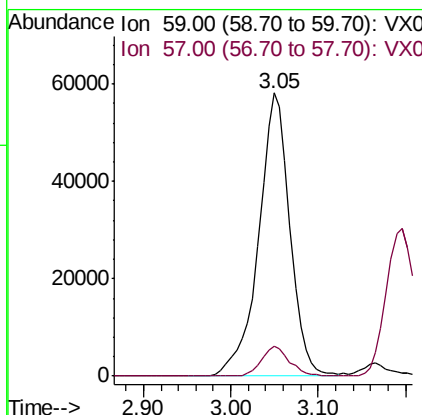
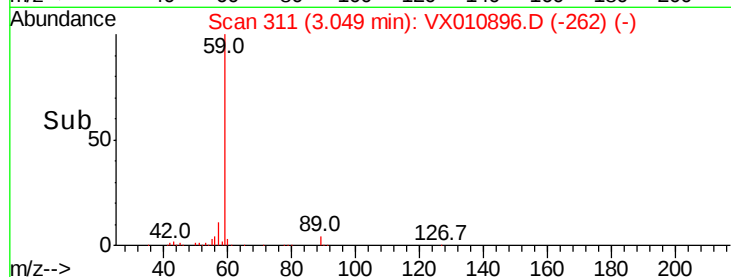
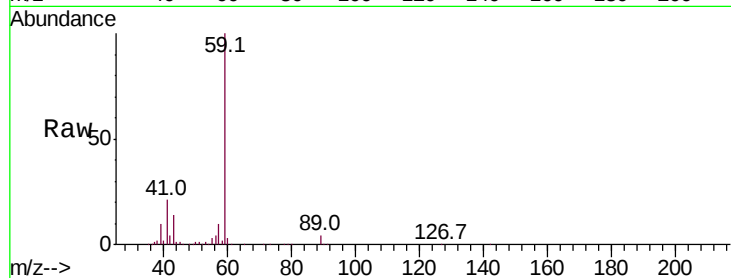
Tert butyl alcohol
Concen: 225.423 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

Tot Ion: 59 Resp: 144491
Ion Ratio Lower Upper
59 100
57 9.5 7.7 11.5

Manual Integrations
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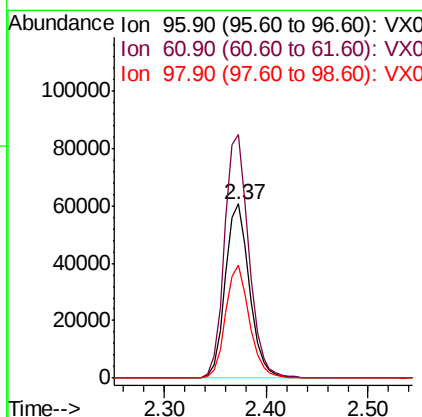
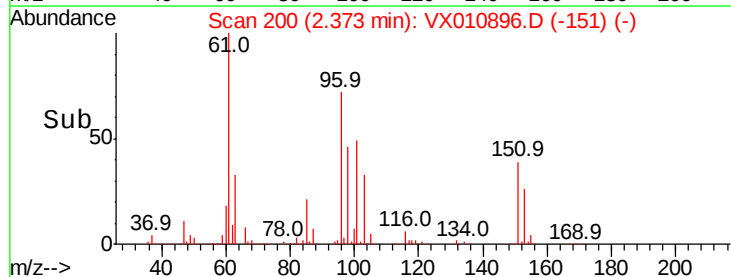
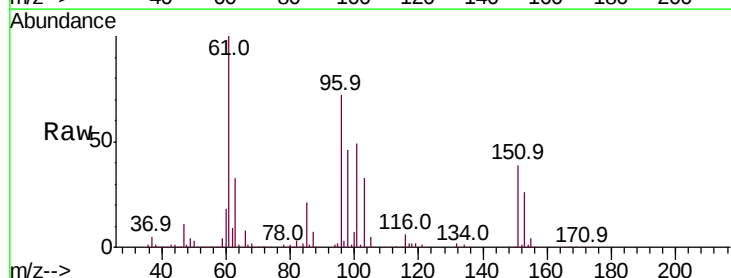
MMDadoda
7/16/2019 10:48:01 AM

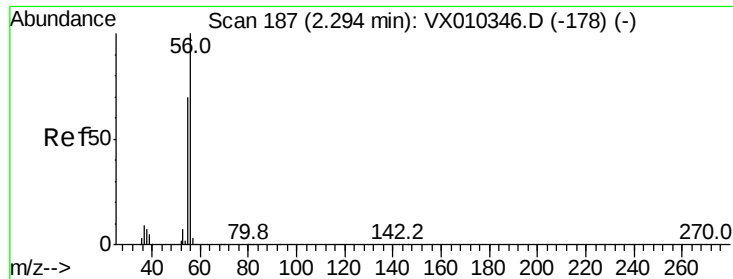


#12

1,1-Dichloroethene
Concen: 43.990 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion: 96 Resp: 99619
Ion Ratio Lower Upper
96 100
61 139.8 109.2 163.8
98 64.7 51.1 76.7





#13

Acrolein

Concen: 252.488 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MSD

Tot Ion: 56 Resp: 107360

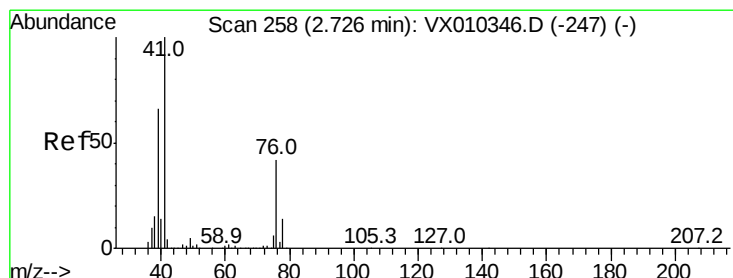
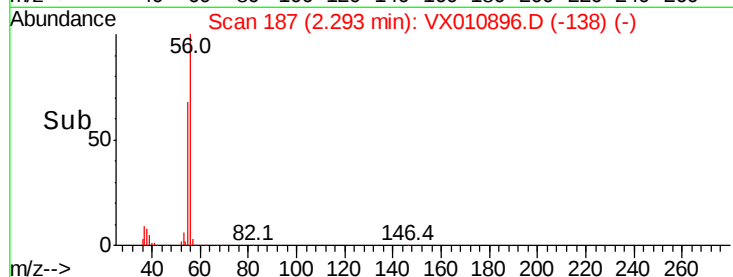
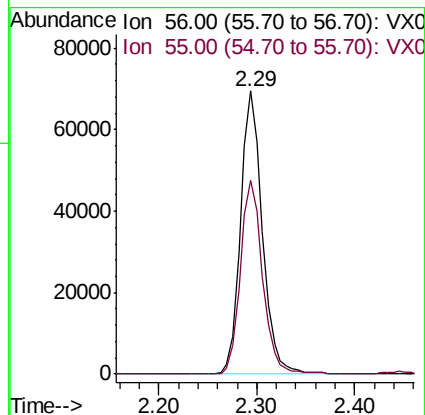
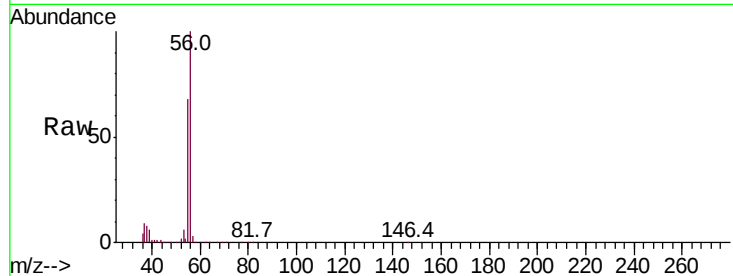
Ion Ratio Lower Upper

56 100

55 69.8 56.9 85.3

Manual Integrations
APPROVED

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7/16/2019 10:48:01 AM



#14

Allyl chloride

Concen: 45.083 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

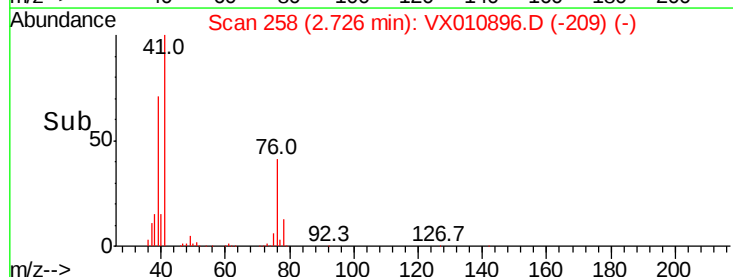
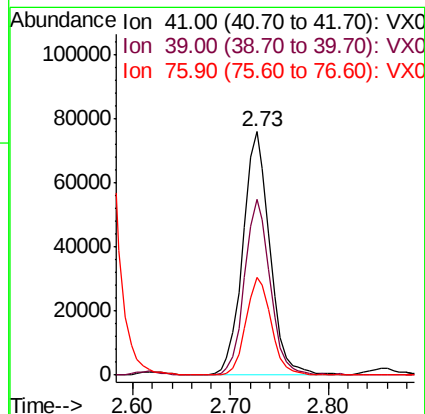
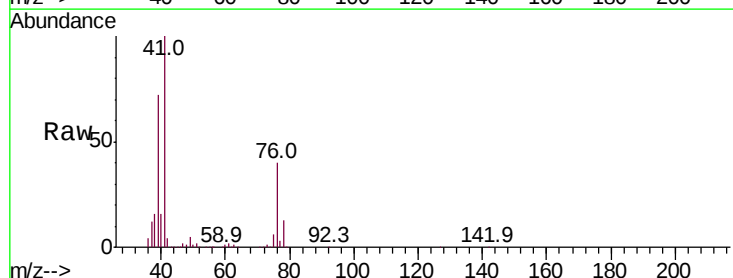
Tgt Ion: 41 Resp: 144942

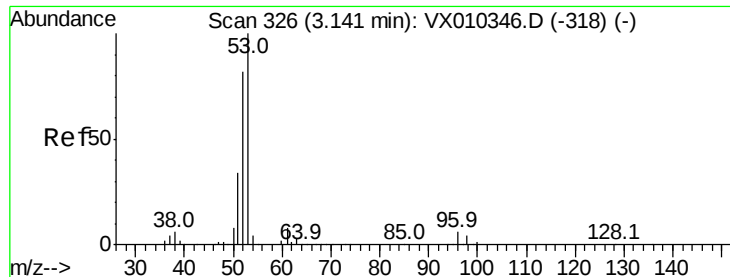
Ion Ratio Lower Upper

41 100

39 68.3 50.3 75.5

76 37.6 31.3 46.9





#15

Acrylonitrile

Concen: 230.465 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

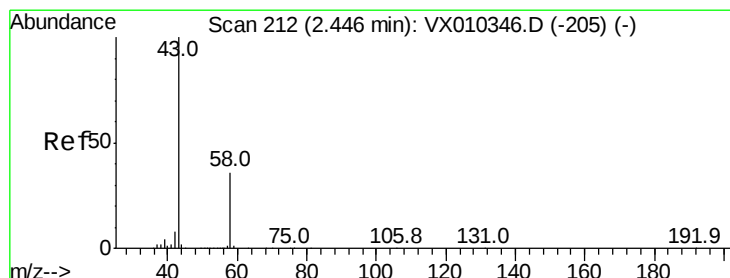
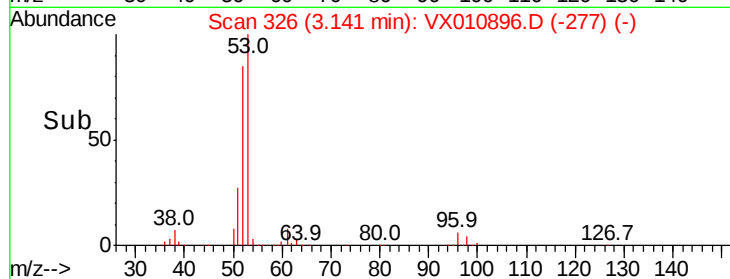
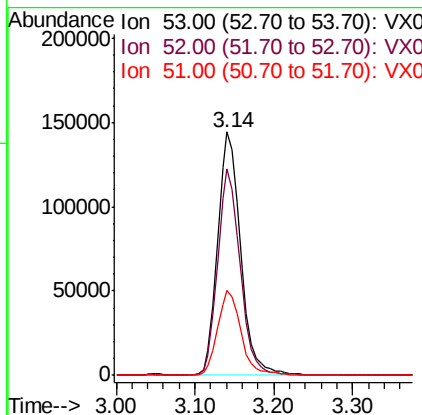
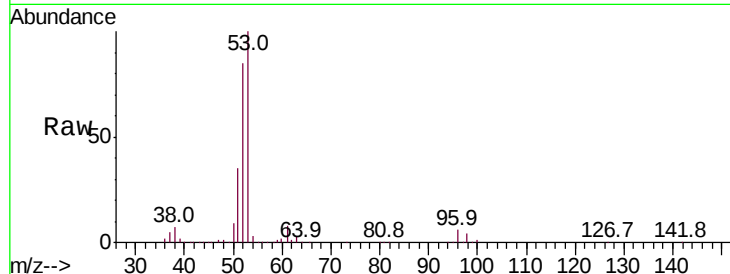
ClientSampleId :

FL-0600MSD

Tot Ion:	53	Resp:	292475
Ion Ratio	Lower	Upper	
53	100		
52	83.1	65.5	98.3
51	35.7	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 197.925 ug/l

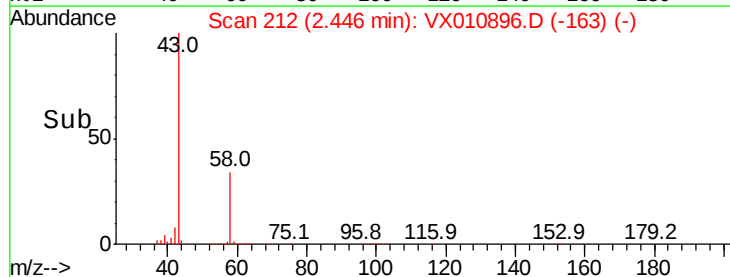
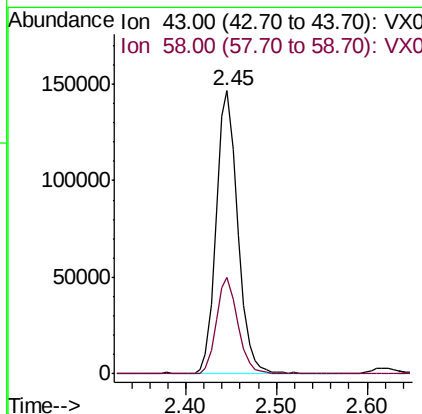
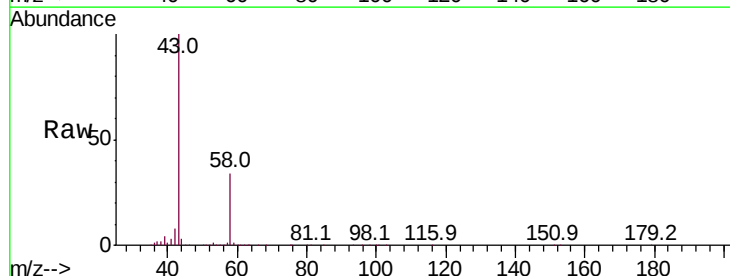
RT: 2.45 min Scan# 212

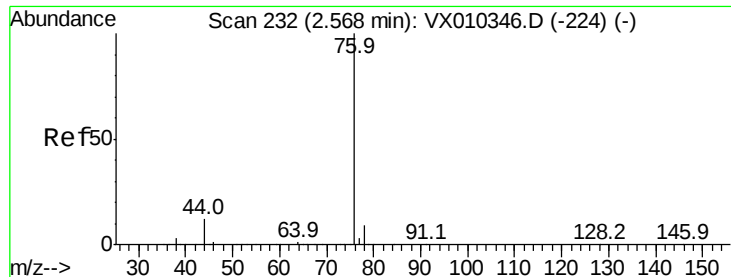
Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Tgt Ion:	43	Resp:	242985
Ion Ratio	Lower	Upper	
43	100		
58	33.9	28.9	43.3





#17

Carbon Disulfide

Concen: 38.467 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MSD

Tot Ion: 76 Resp: 233708

Ion Ratio Lower Upper

76 100

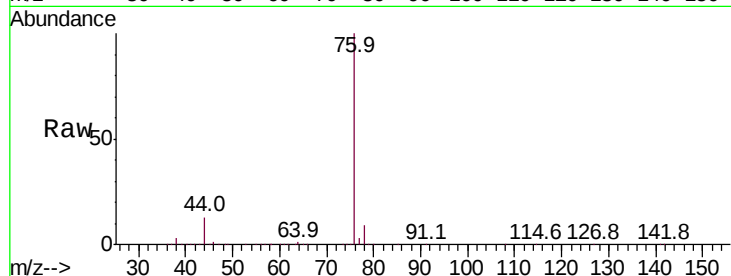
78 9.0 7.3 10.9

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

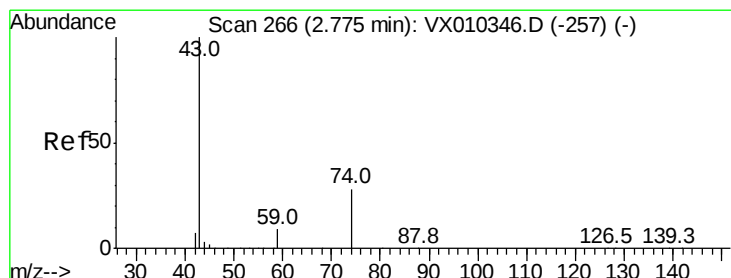
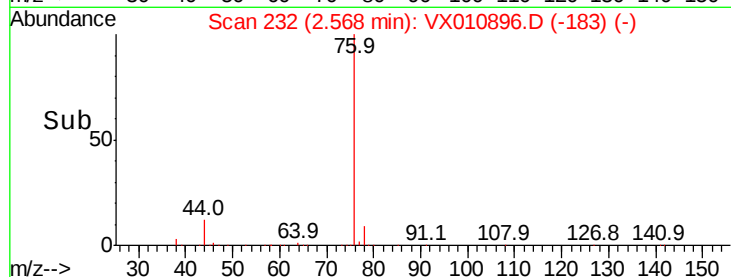
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 43.194 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010896.D

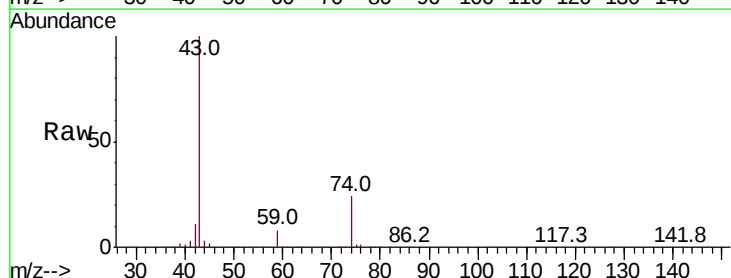
Acq: 15 Jul 2019 19:44

Tgt Ion: 43 Resp: 105687

Ion Ratio Lower Upper

43 100

74 25.3 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

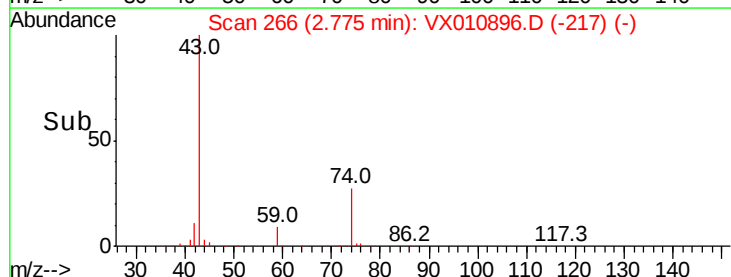
60000

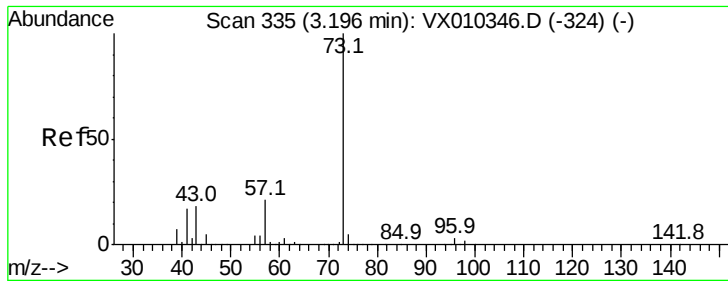
40000

20000

0

Time-->





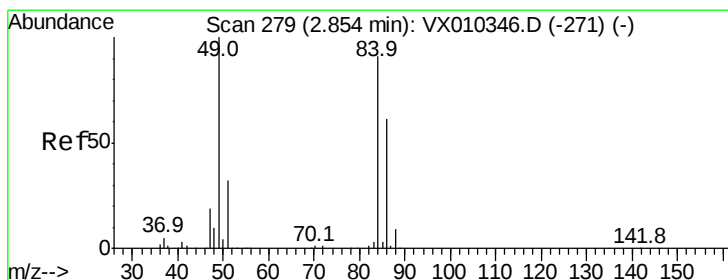
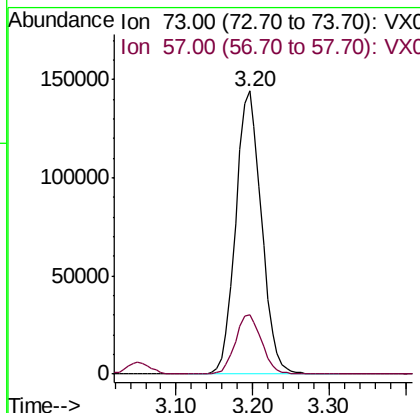
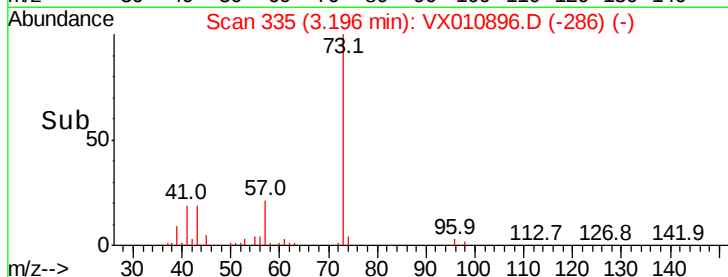
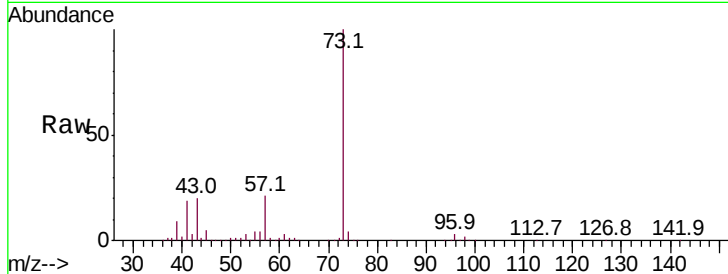
#19
Methyl tert-butyl Ether
Concen: 47.122 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	16.4	24.6

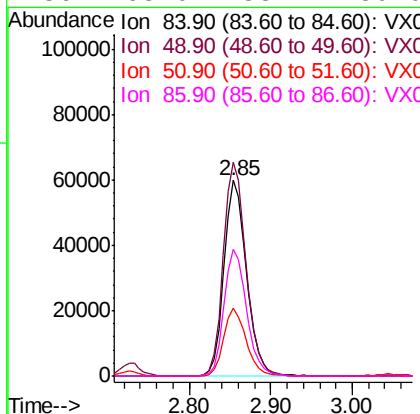
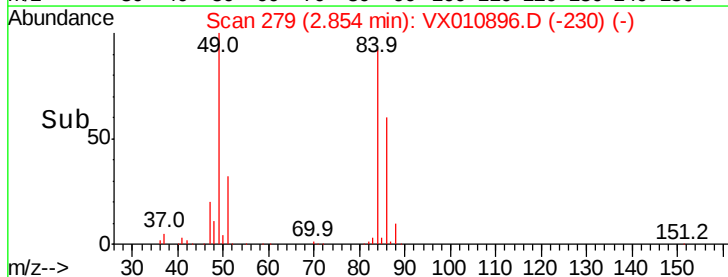
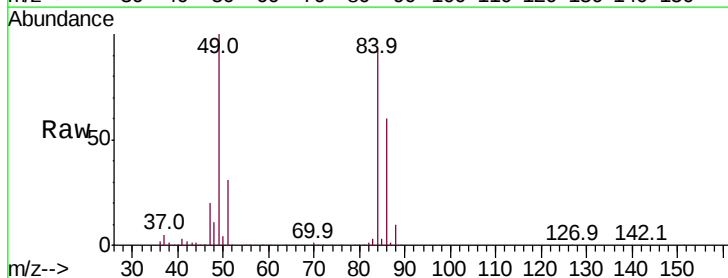
Manual Integrations
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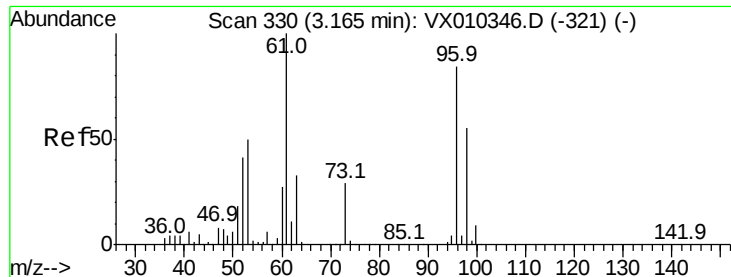
MMDadoda
7/16/2019 10:48:01 AM



#20
Methylene Chloride
Concen: 44.939 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.0	87.5	131.3
51	34.4	27.7	41.5
86	65.0	53.4	80.0





#21

trans-1,2-Dichloroethene

Concen: 43.214 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

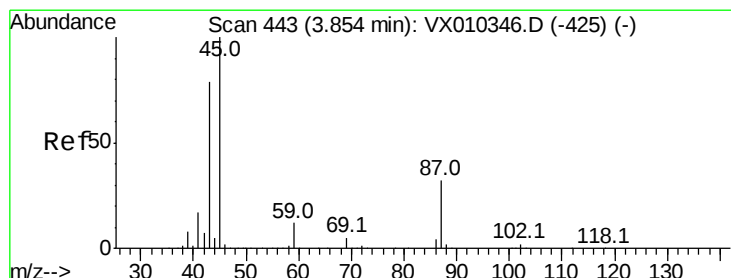
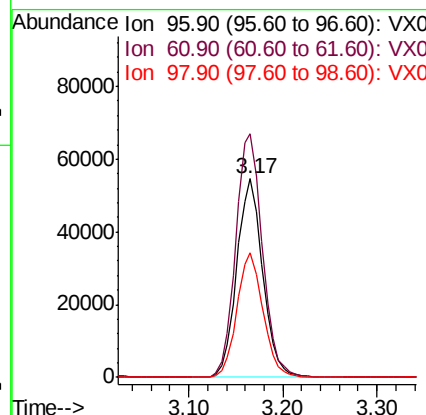
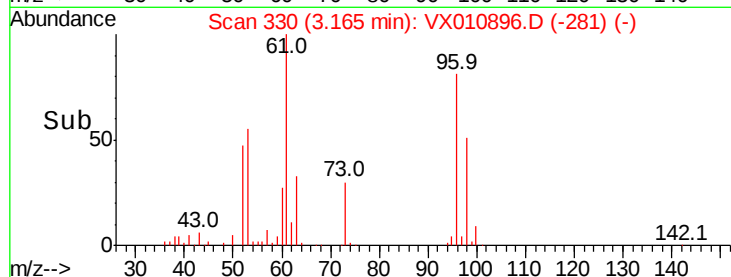
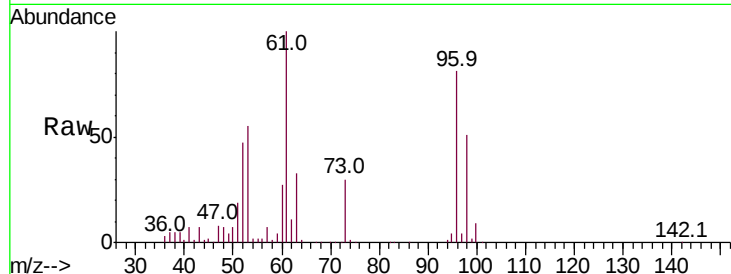
ClientSampleId :

FL-0600MSD

Tot Ion:	96	Resp:	105251
Ion	Ratio	Lower	Upper
96	100		
61	122.8	95.6	143.4
98	62.9	52.5	78.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.992 ug/l

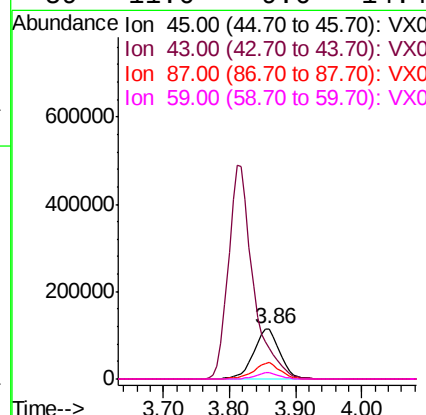
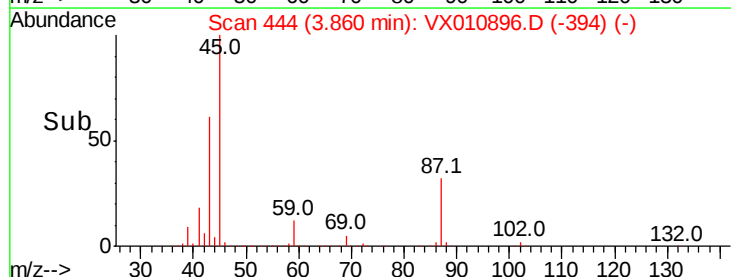
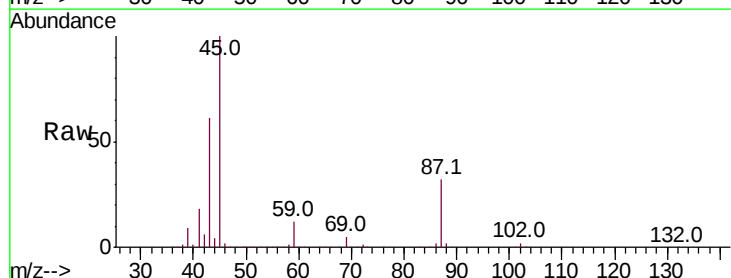
RT: 3.86 min Scan# 444

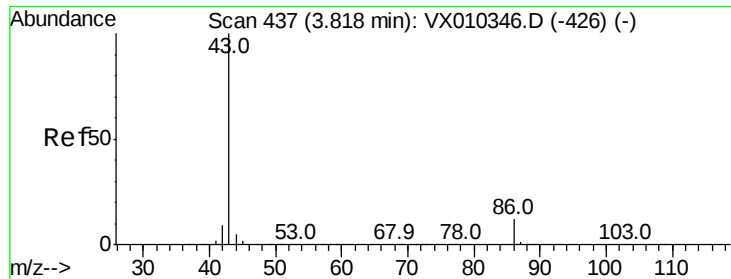
Delta R.T. 0.01 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Tgt Ion:	45	Resp:	315877
Ion	Ratio	Lower	Upper
45	100		
43	61.3	63.3	94.9#
87	32.1	25.8	38.8
59	11.6	9.6	14.4





#23

Vinyl Acetate

Concen: 219.141 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

FL-0600MSD

Tot Ion: 43 Resp: 1272547

Ion Ratio Lower Upper

43 100

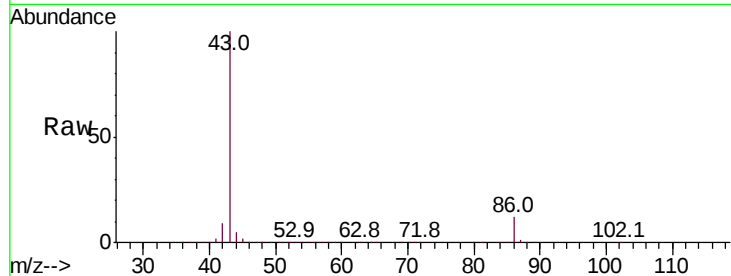
86 11.8 9.9 14.9

Manual Integrations

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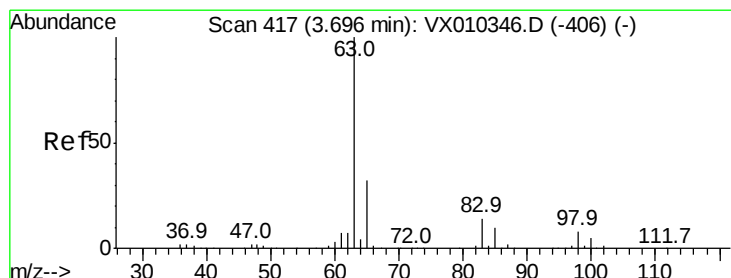
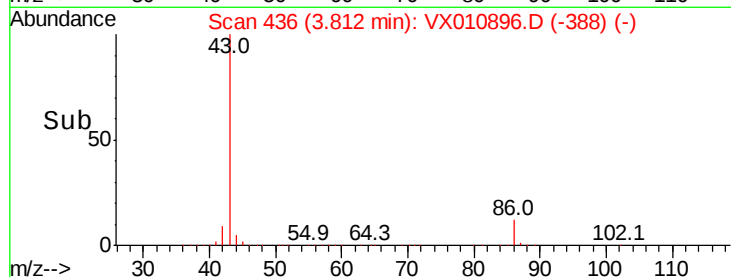
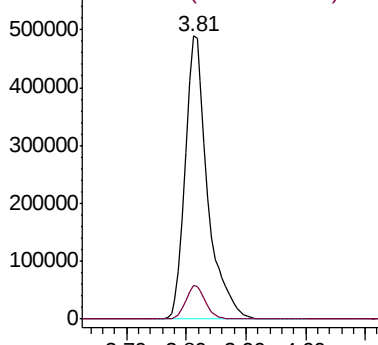
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.223 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

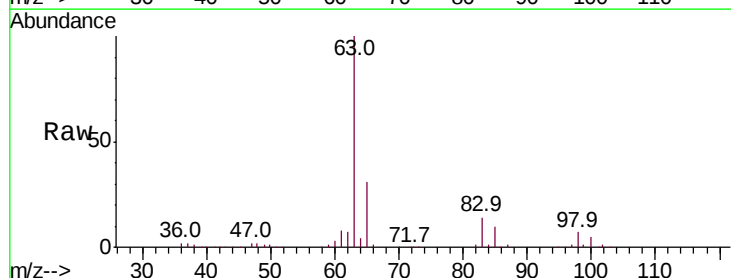
Tgt Ion: 63 Resp: 183486

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

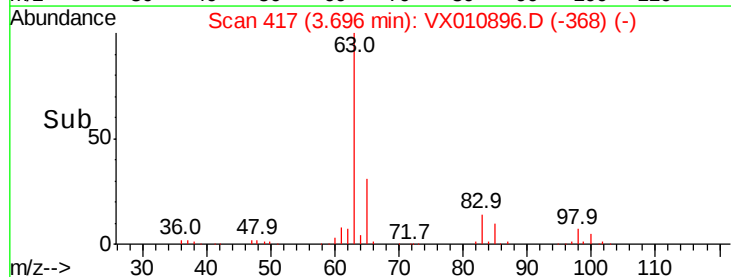
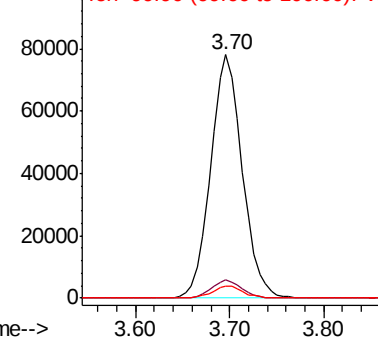
100 4.9 2.4 7.1

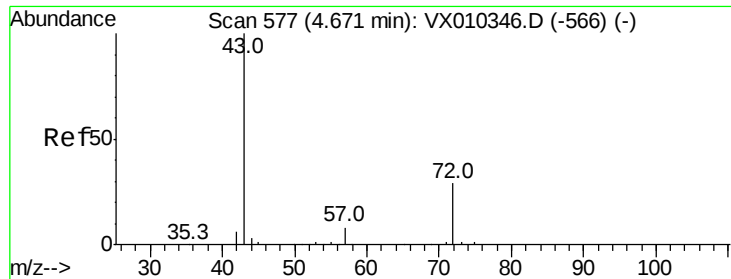


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 223.241 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MSD

Tot Ion: 43 Resp: 402018

Ion Ratio Lower Upper

43 100

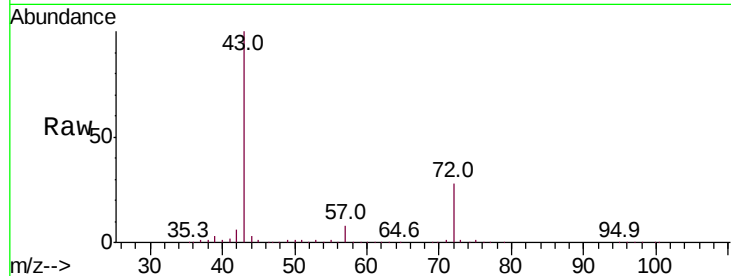
72 28.0 23.3 34.9

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

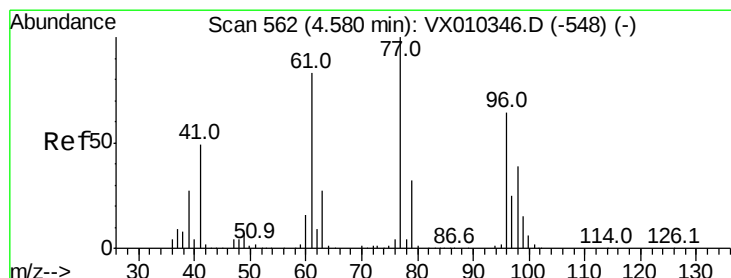
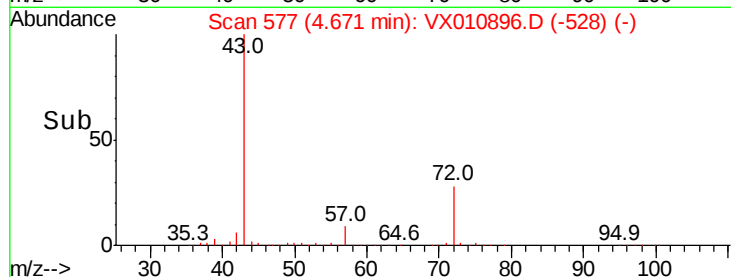
100000

50000

0

4.60 4.67 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 38.695 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010896.D

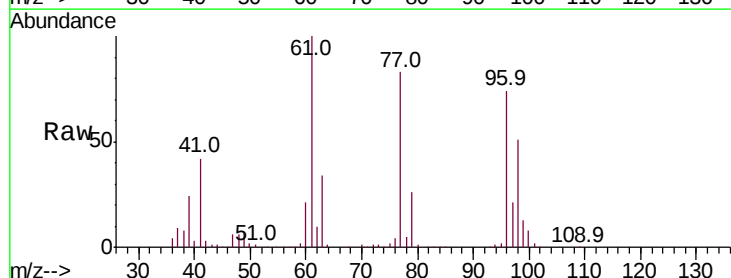
Acq: 15 Jul 2019 19:44

Tgt Ion: 77 Resp: 130607

Ion Ratio Lower Upper

77 100

97 25.3 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

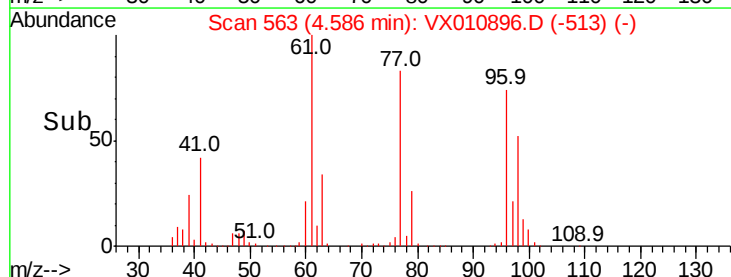
20000

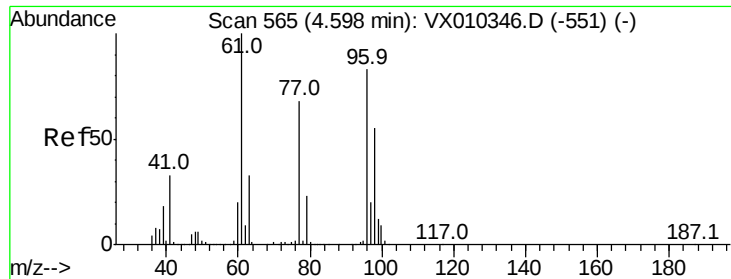
10000

0

4.50 4.59 4.60 4.70

Time-->





#27

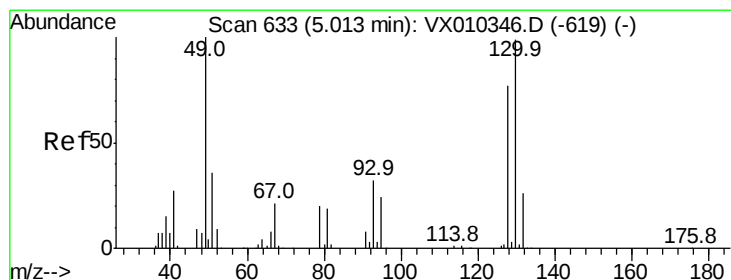
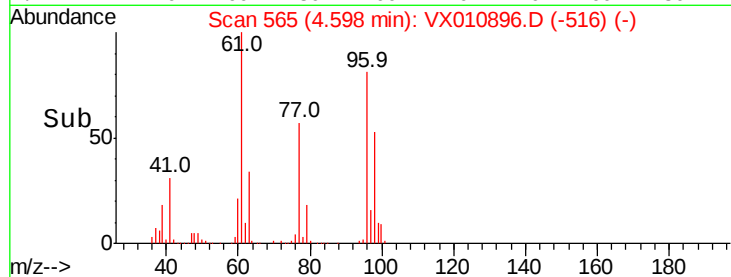
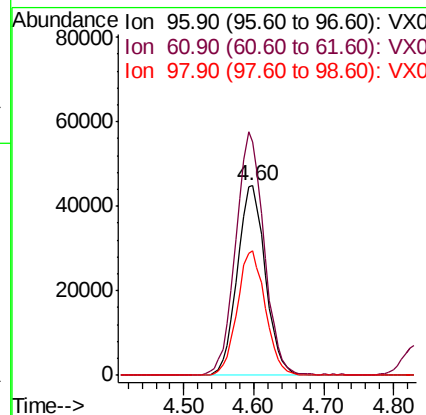
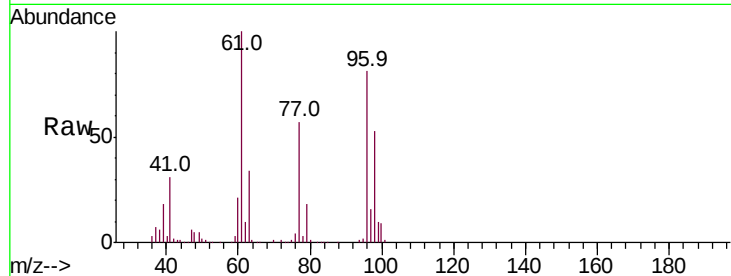
cis-1,2-Dichloroethene
 Concen: 44.680 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	125751		
61	129.3	0.0	251.8	
98	65.6	0.0	129.4	

Manual Integrations
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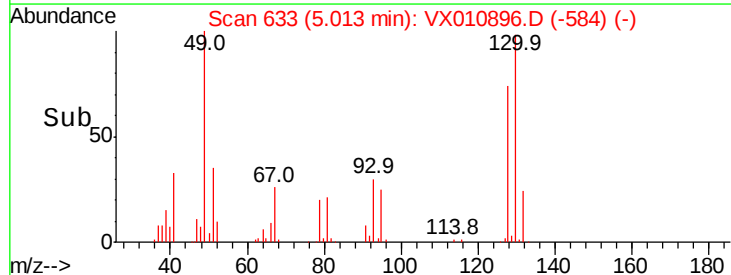
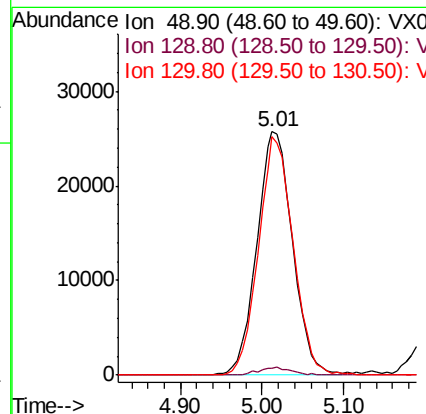
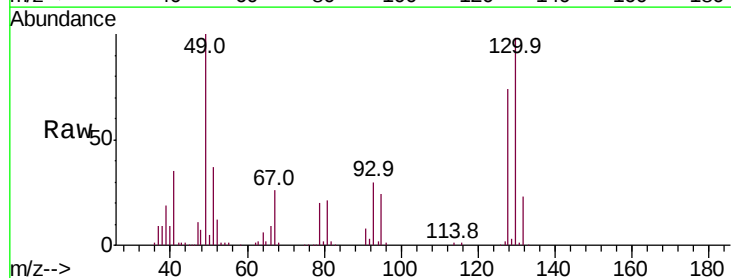
MMDadoda
 7/16/2019 10:48:01 AM

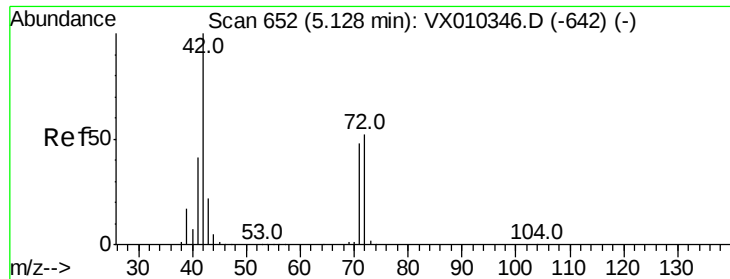


#28

Bromochloromethane
 Concen: 42.125 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78257		
129	3.1	0.0	5.6	
130	94.8	81.4	122.0	





#29

Tetrahydrofuran

Concen: 229.590 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

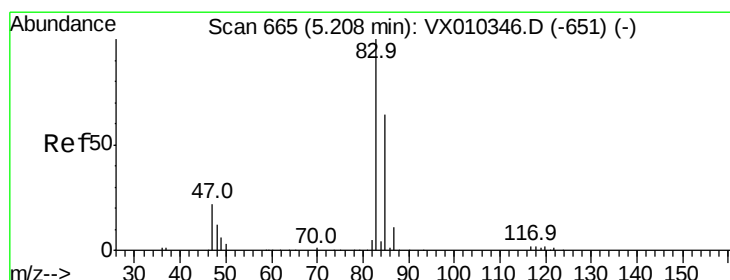
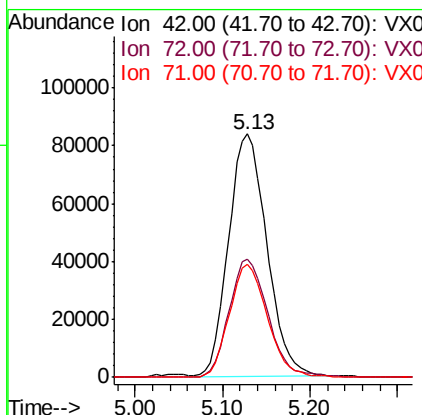
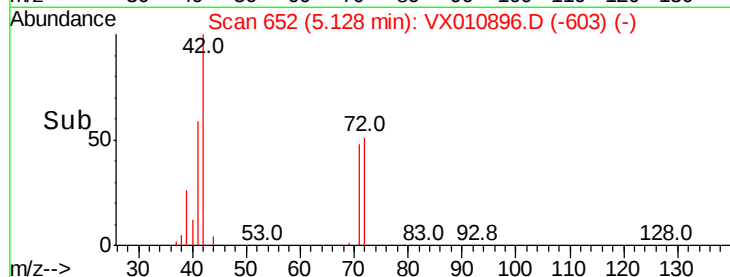
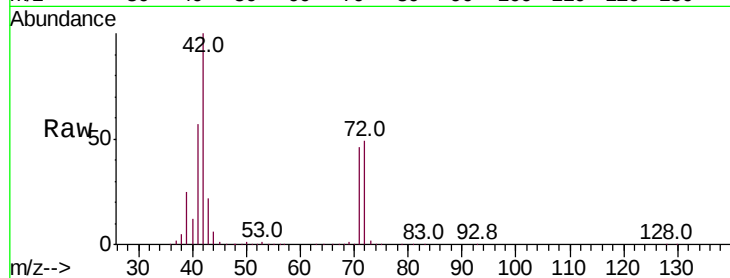
ClientSampleId :

FL-0600MSD

Tot Ion:	42	Resp:	256094
Ion Ratio	Lower	Upper	
42	100		
72	49.5	40.6	60.8
71	46.1	37.8	56.8

Manual Integrations
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#30

Chloroform

Concen: 46.944 ug/l

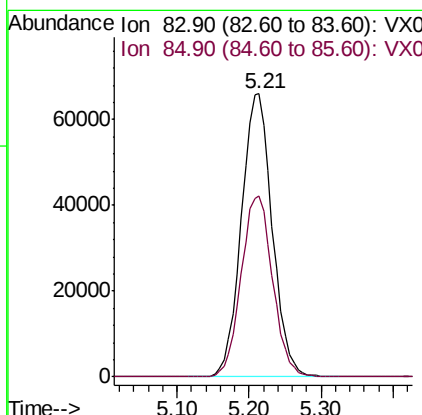
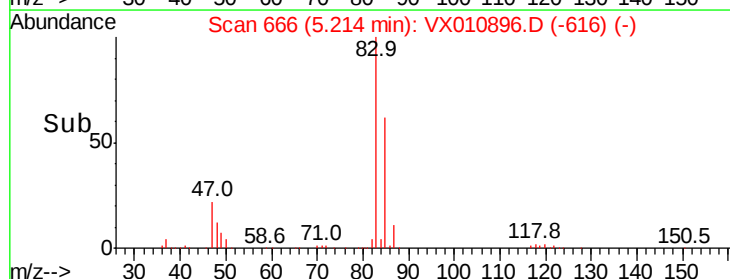
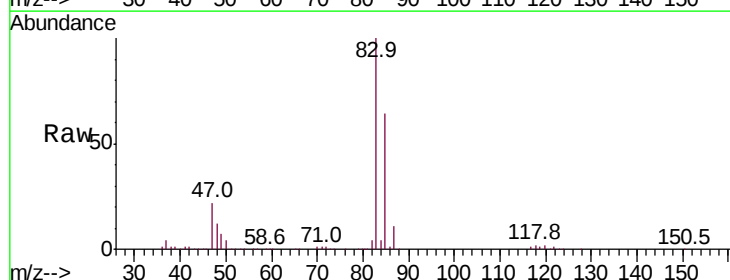
RT: 5.21 min Scan# 666

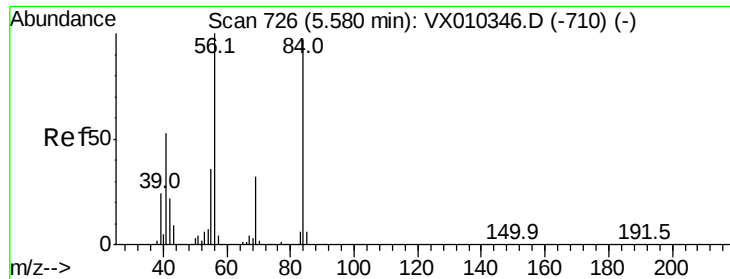
Delta R.T. 0.01 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Tgt Ion:	83	Resp:	196254
Ion Ratio	Lower	Upper	
83	100		
85	63.9	50.9	76.3





#31

Cyclohexane

Concen: 43.297 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MSD

Tot Ion: 56 Resp: 153199

Ion Ratio Lower Upper

56 100

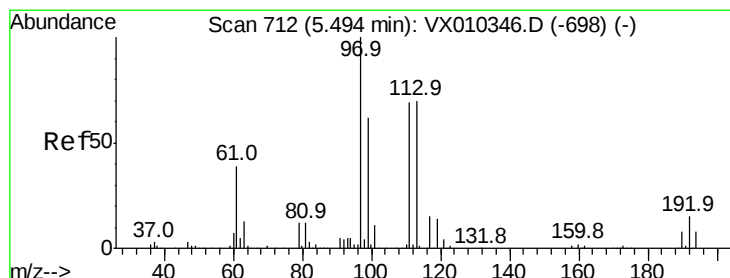
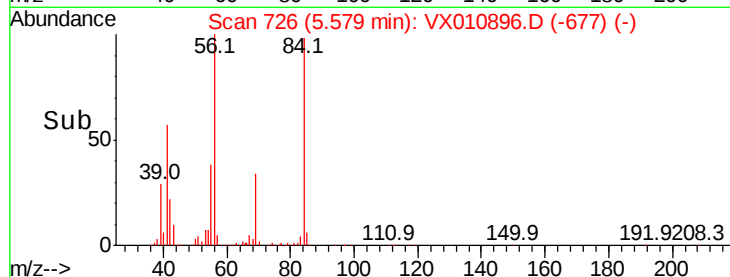
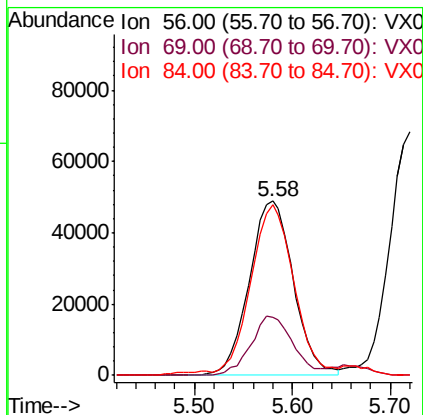
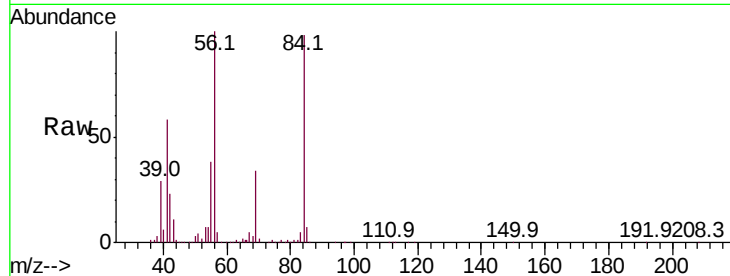
69 33.5 25.9 38.9

84 96.5 78.0 117.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.079 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

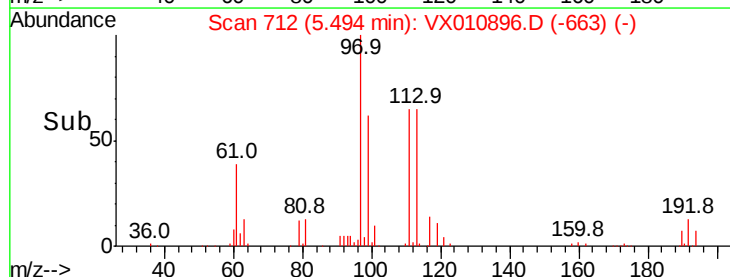
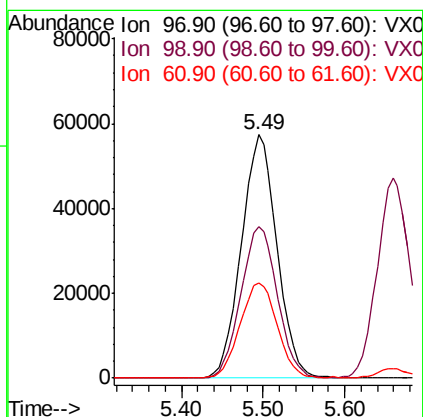
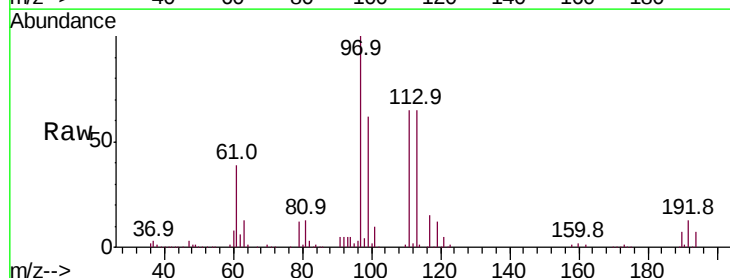
Tgt Ion: 97 Resp: 173788

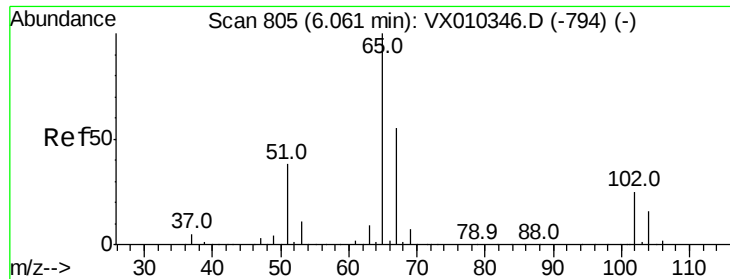
Ion Ratio Lower Upper

97 100

99 63.9 51.8 77.8

61 40.9 32.1 48.1





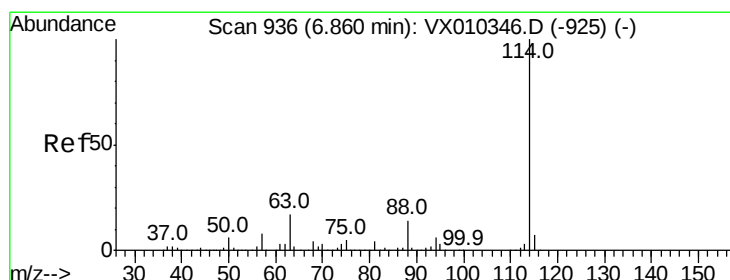
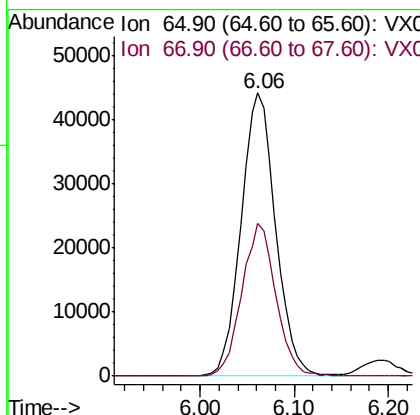
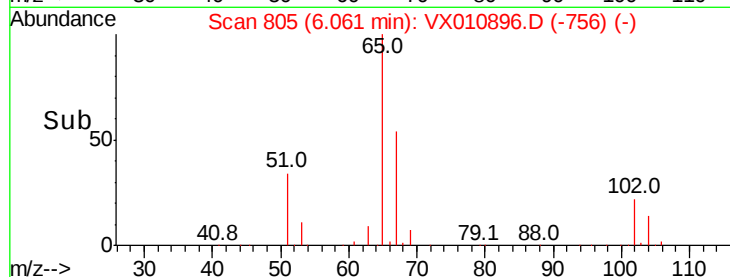
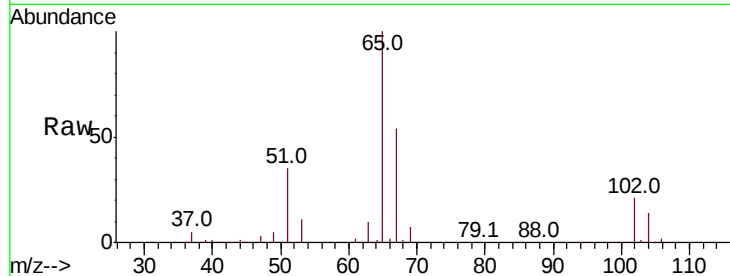
#33
 1,2-Dichloroethane-d4
 Concen: 46.294 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.4	0.0	110.2	

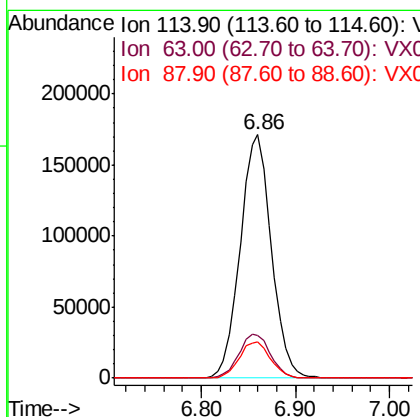
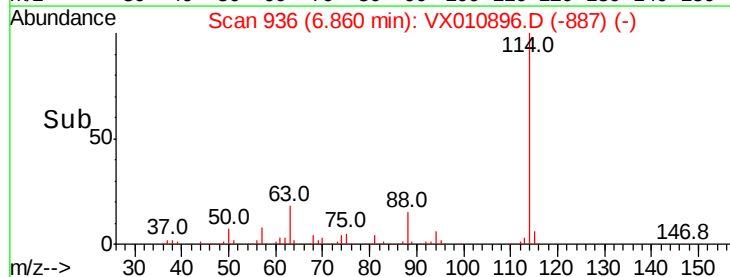
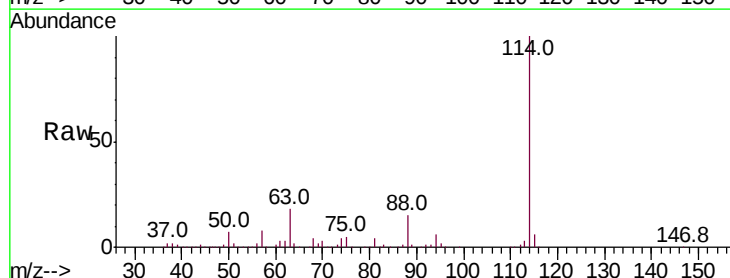
Manual Integrations
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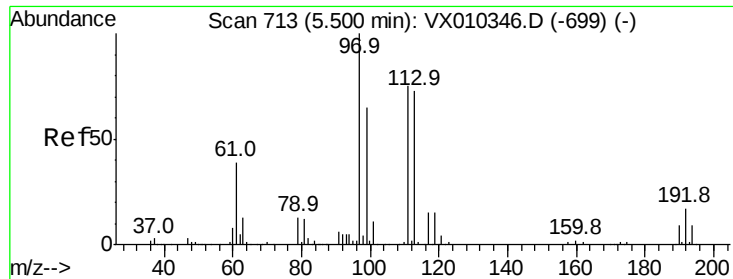
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 7/16/2019 10:48:01 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.7	0.0	33.8	
88	14.8	0.0	27.6	





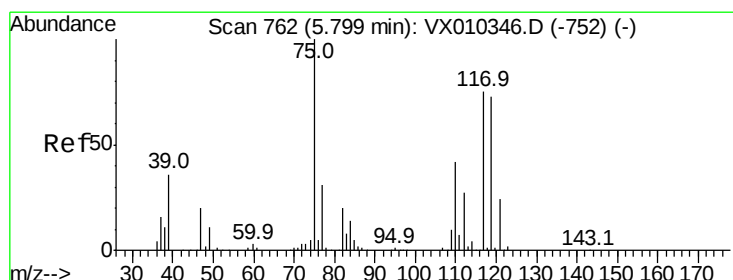
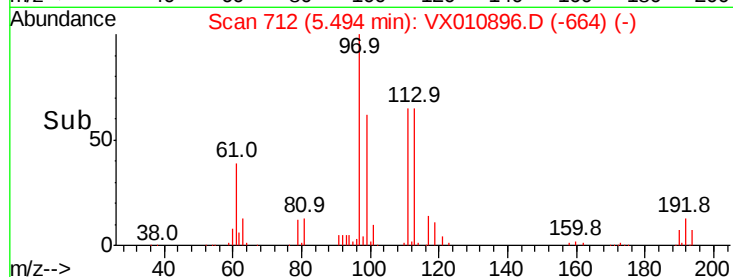
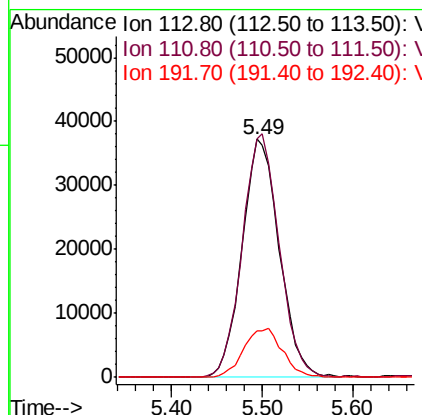
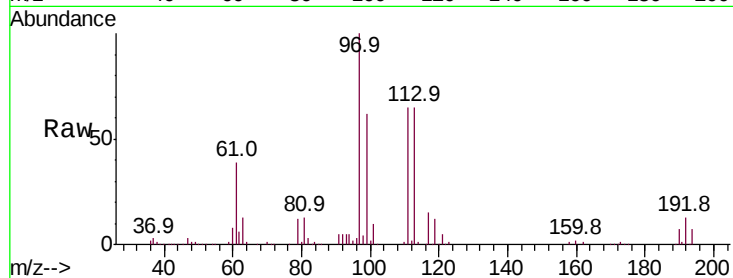
#35
Dibromofluoromethane
Concen: 43.699 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.3	81.2	121.8	
192	21.5	18.6	27.8	

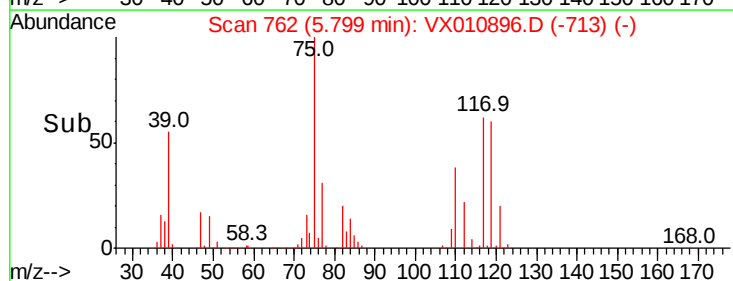
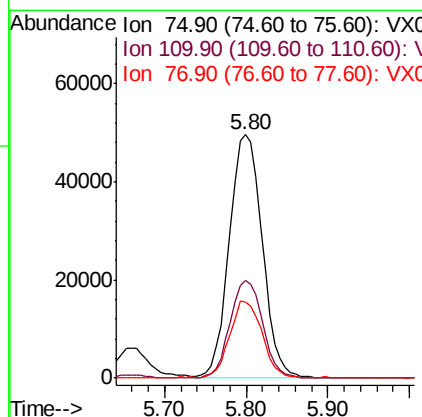
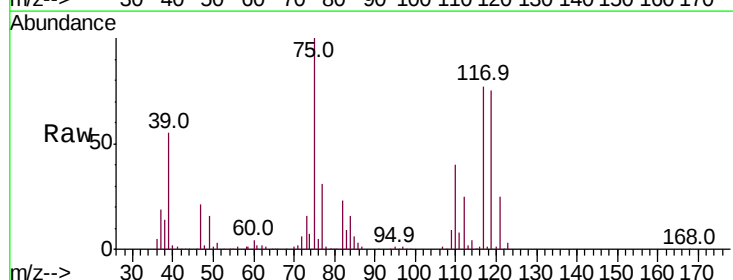
Manual Integrations
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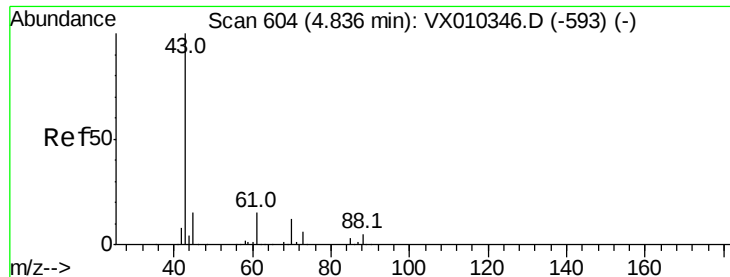
MMDadoda
7/16/2019 10:48:01 AM



#36
1,1-Dichloropropene
Concen: 43.761 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	39.9	20.8	62.2	
77	31.1	25.4	38.0	





#37

Ethyl Acetate

Concen: 43.263 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

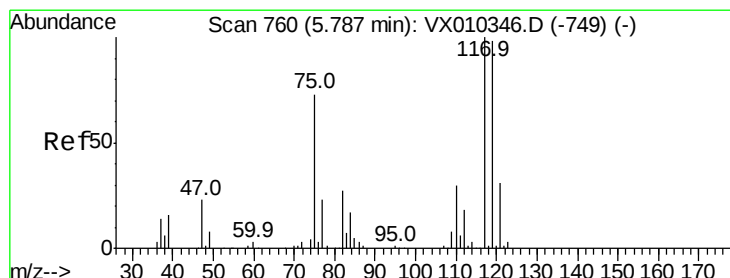
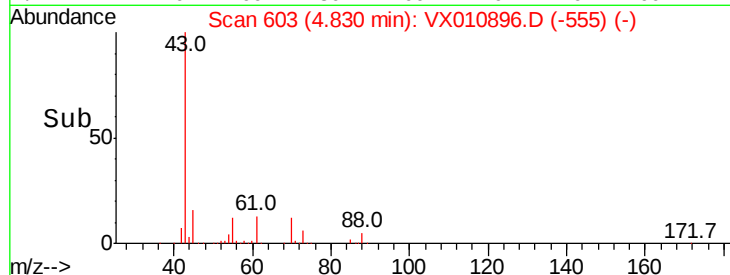
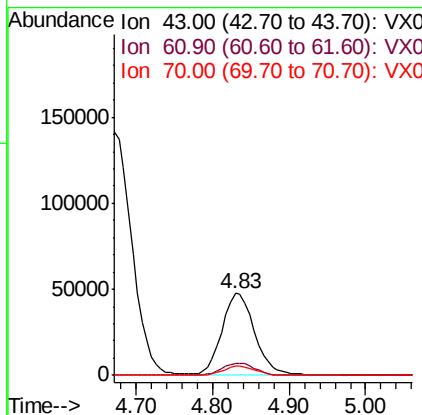
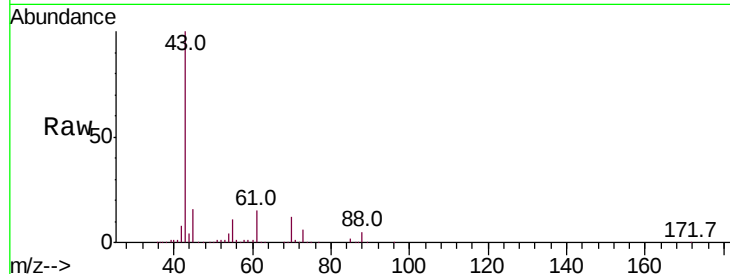
ClientSampleId :

FL-0600MSD

Tot Ion:	43	Resp:	140270
Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.4	18.6
70	11.3	9.8	14.8

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#38

Carbon Tetrachloride

Concen: 44.528 ug/l

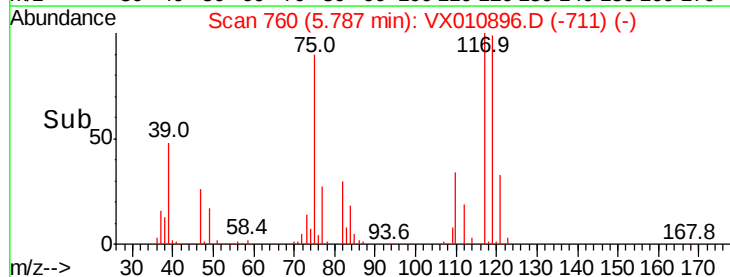
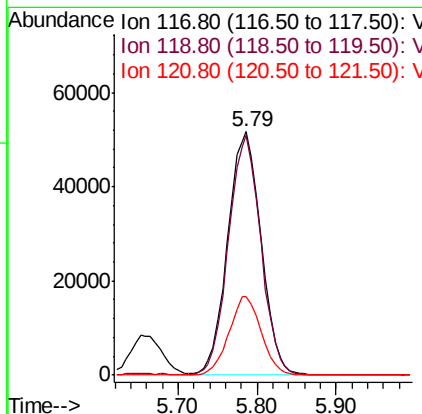
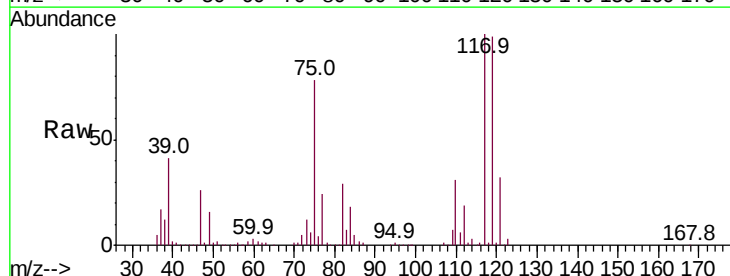
RT: 5.79 min Scan# 760

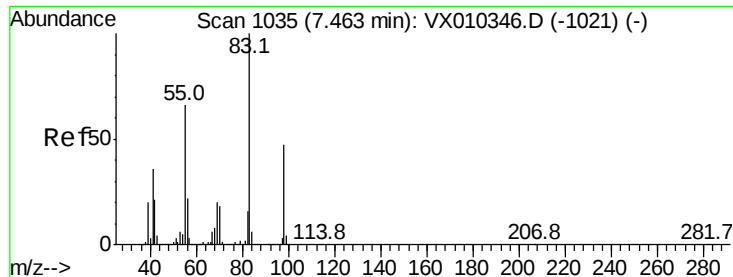
Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Tgt Ion:	117	Resp:	151966
Ion	Ratio	Lower	Upper
117	100		
119	98.7	78.2	117.4
121	32.1	24.7	37.1





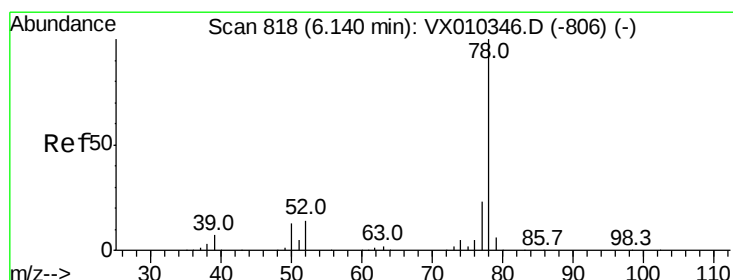
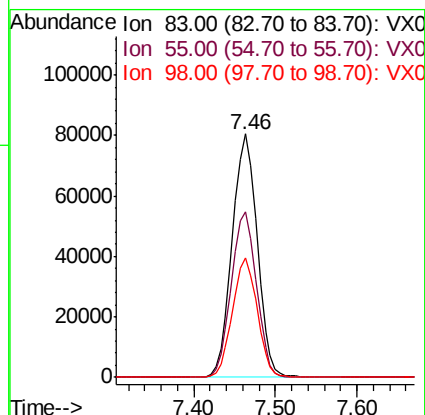
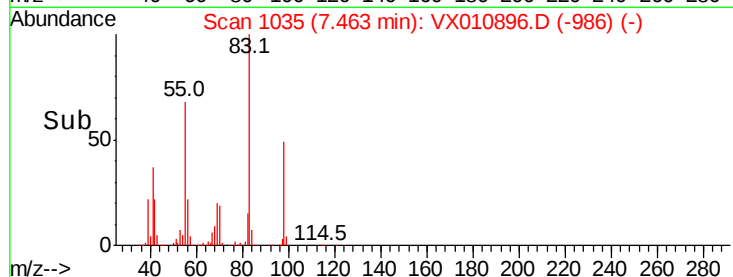
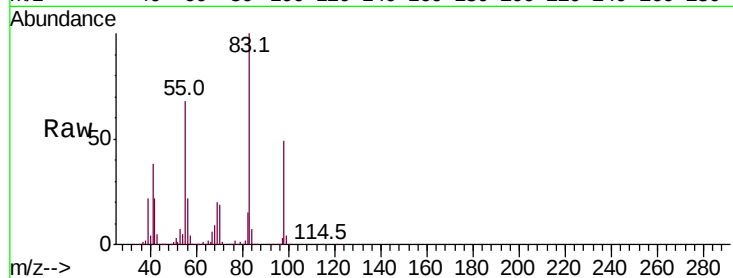
#39
Methvlcvclohexane
Concen: 41.044 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.9	53.0	79.6
98	49.0	37.8	56.8

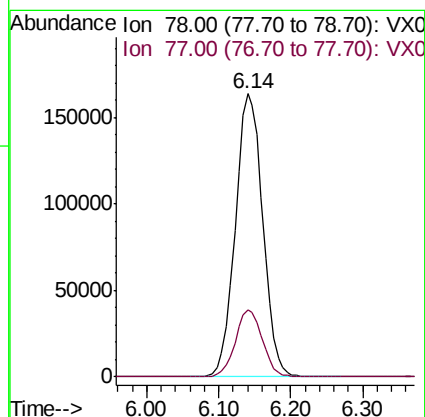
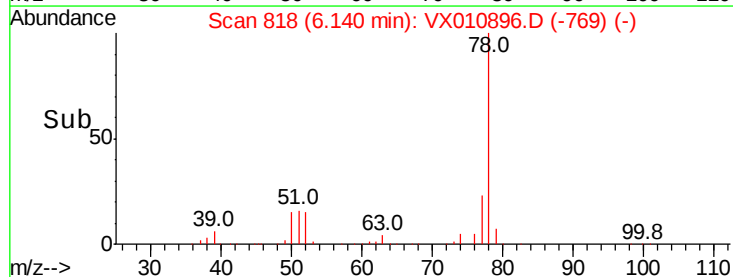
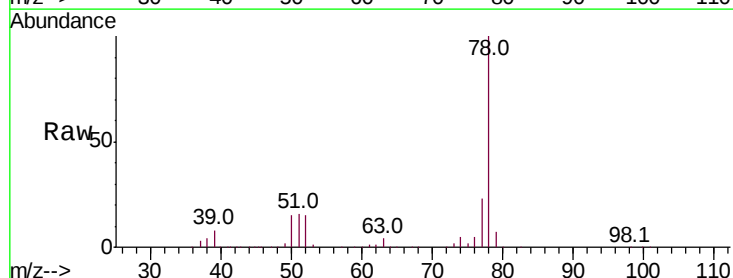
Manual Integrations
APPROVED

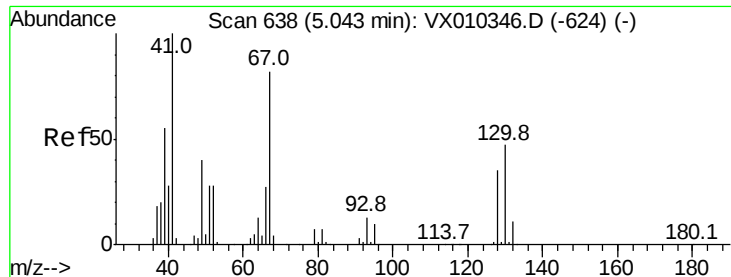
MMDadoda
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#40
Benzene
Concen: 44.024 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	28.0





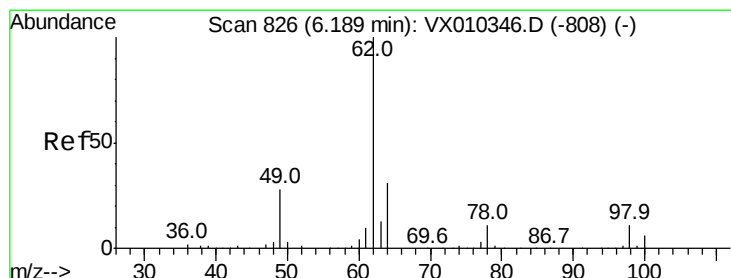
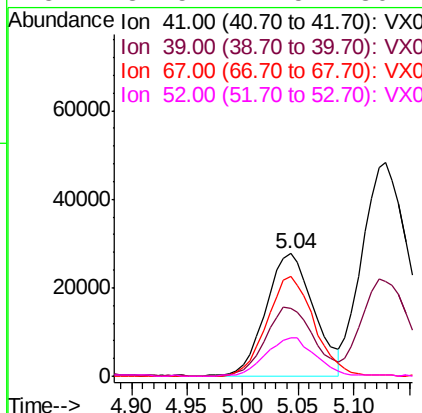
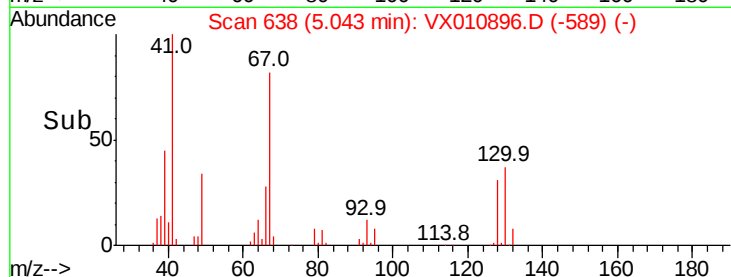
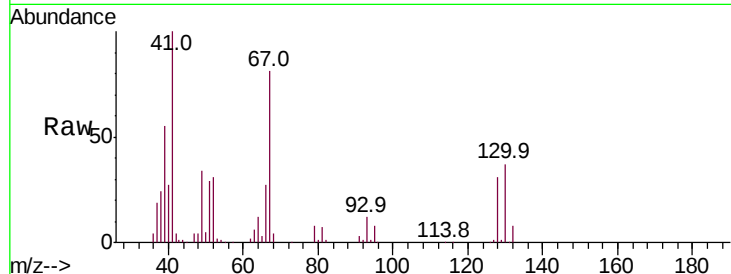
#41
Methacrylonitrile
Concen: 46.925 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	43.8	65.8	
67	79.6	66.6	100.0	
52	31.5	24.5	36.7	

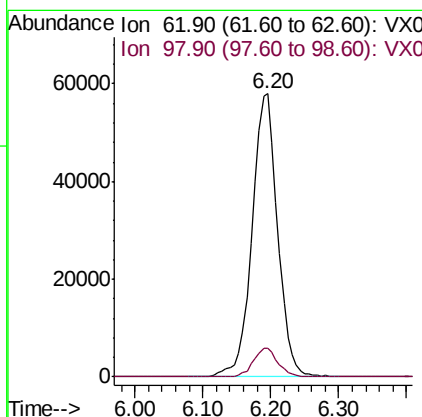
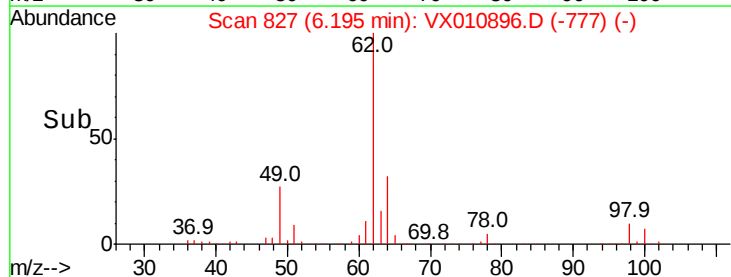
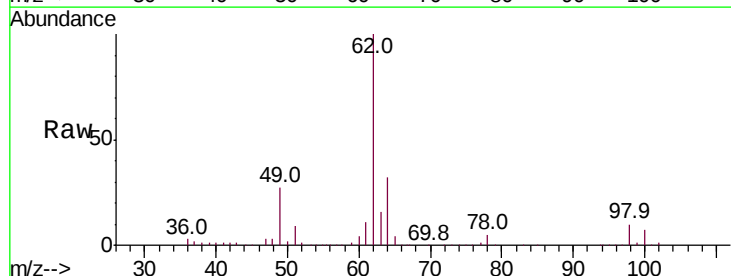
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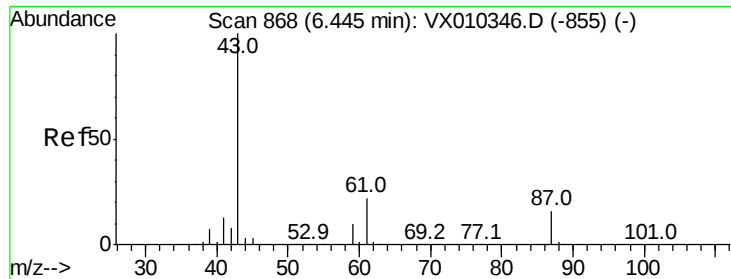
MMDadoda
7/16/2019 10:48:01 AM



#42
1,2-Dichloroethane
Concen: 50.461 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	22.2	





#43

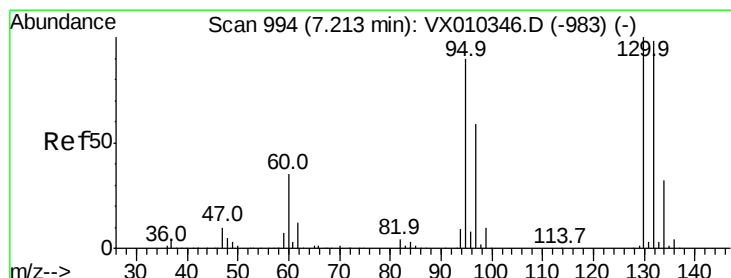
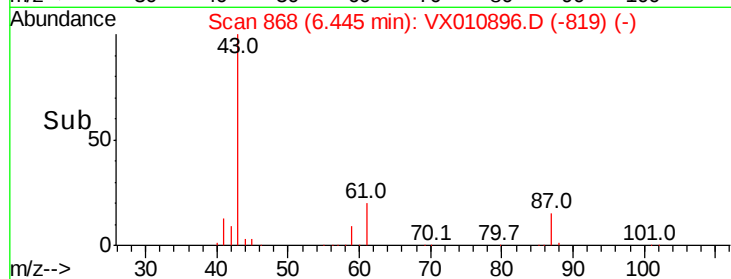
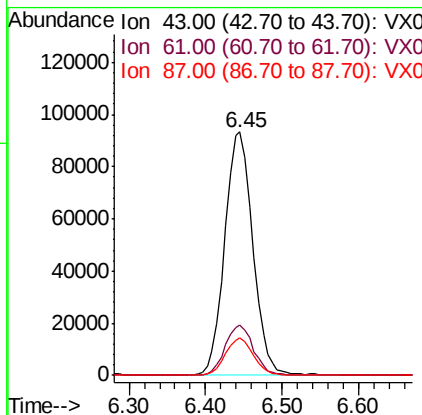
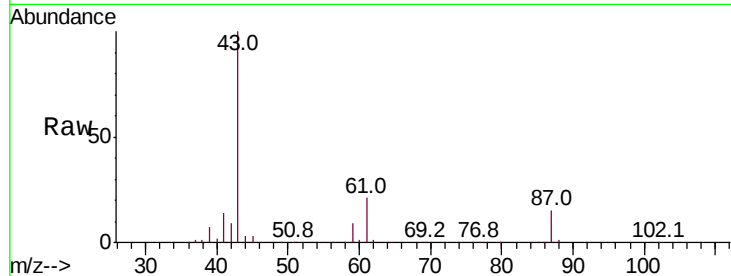
Isopropyl Acetate
 Concen: 43.858 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.8	26.6
87	15.4	13.0	19.4

Manual Integrations
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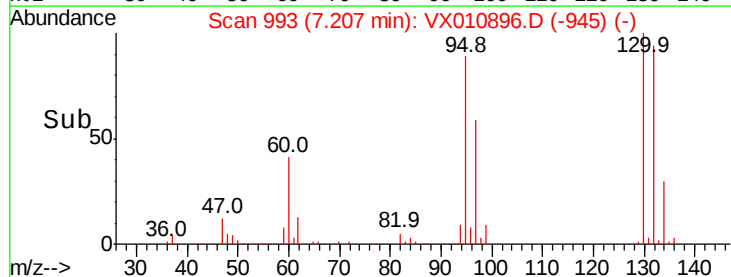
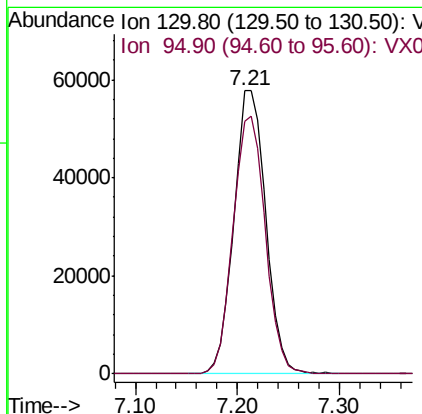
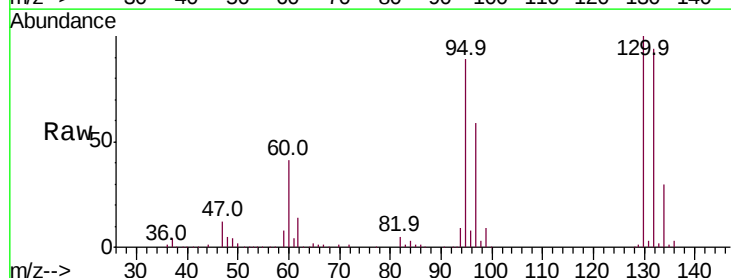
MMDadoda
 7/16/2019 10:48:01 AM

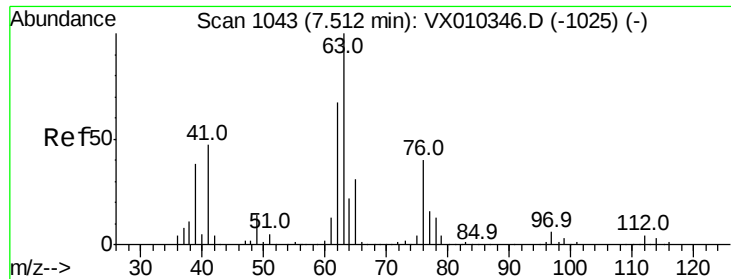


#44

Trichloroethene
 Concen: 42.670 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.4	0.0	180.8





#45

1,2-Dichloropropane

Concen: 45.089 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MSD

Tot Ion: 63 Resp: 111799

Ion Ratio Lower Upper

63 100

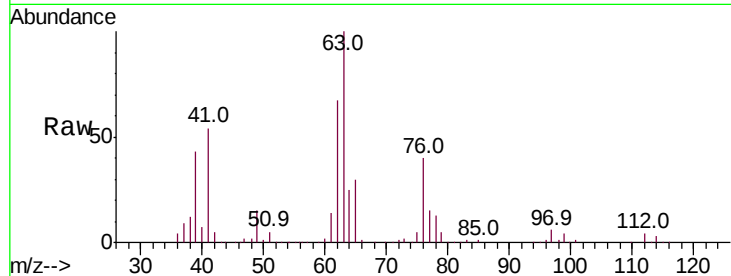
65 30.5 24.8 37.2

Manual Integrations

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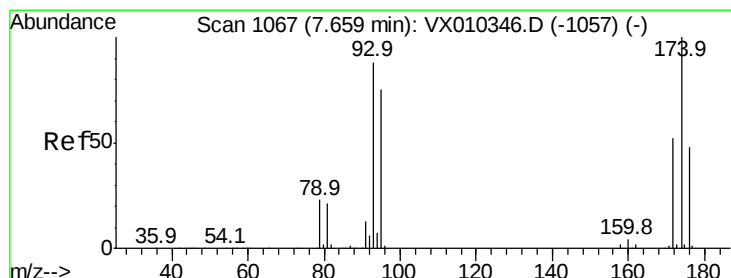
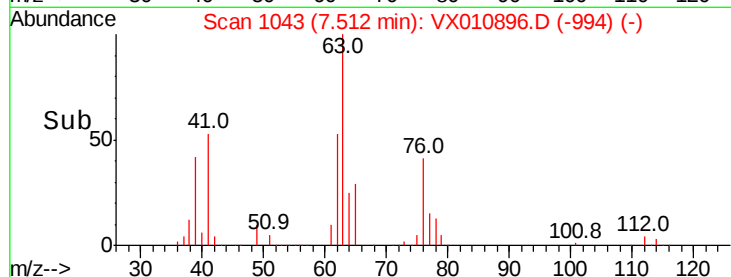
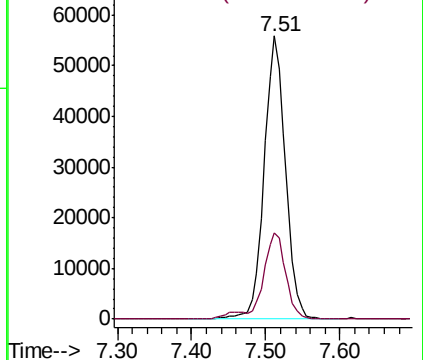
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 45.675 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

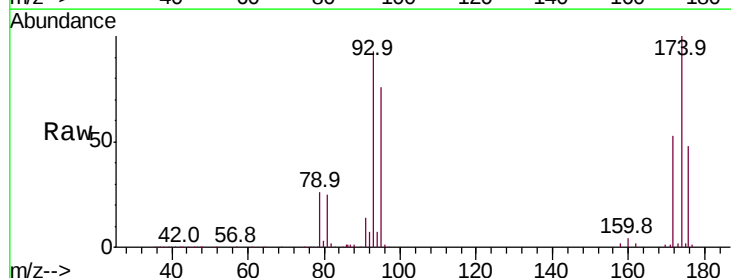
Tgt Ion: 93 Resp: 81256

Ion Ratio Lower Upper

93 100

95 84.0 67.5 101.3

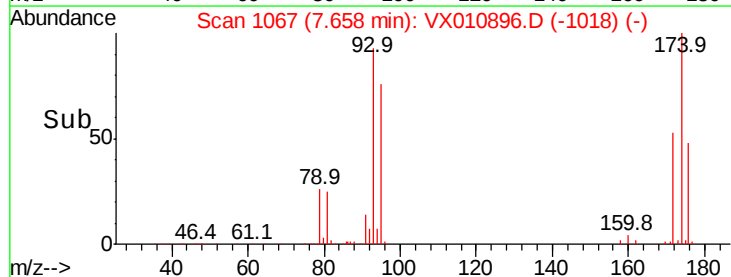
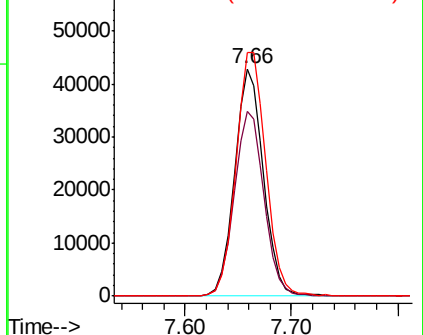
174 111.3 95.8 143.6

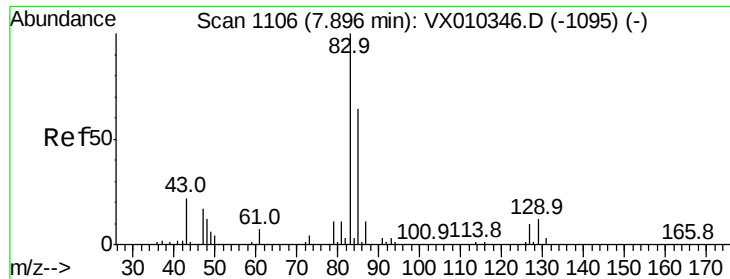


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.244 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

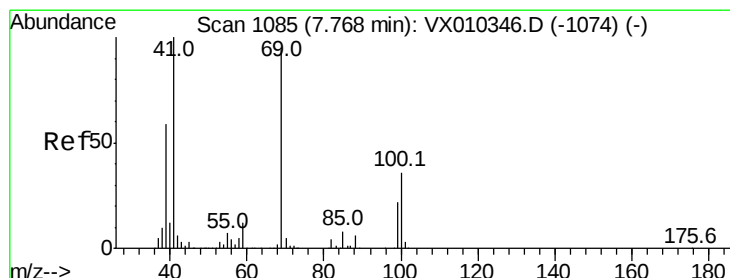
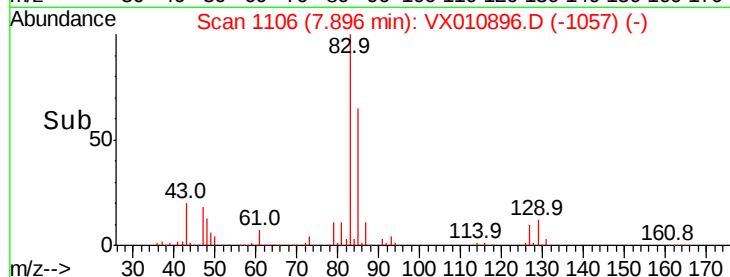
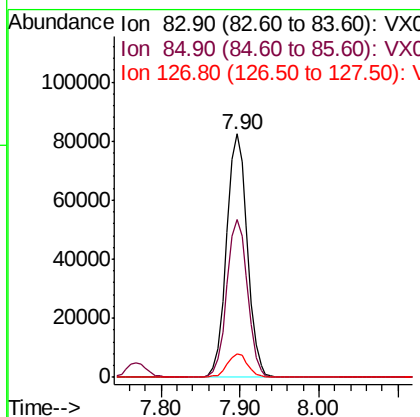
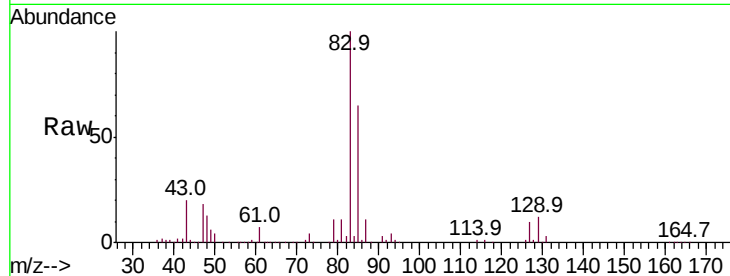
ClientSampleId :

FL-0600MSD

Tot Ion:	83	Resp:	150767
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.5	77.3
127	9.7	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.919 ug/l

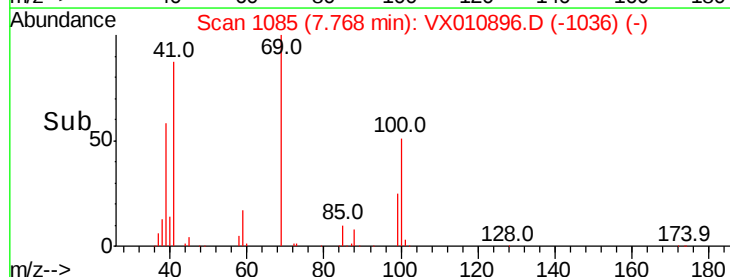
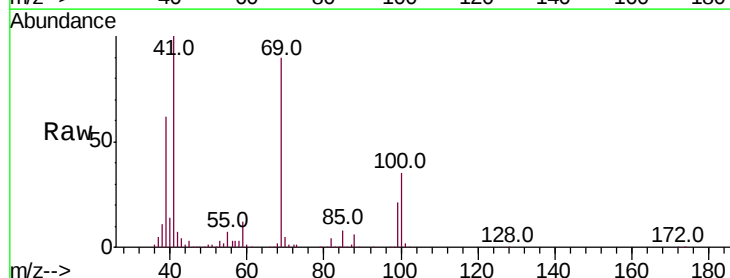
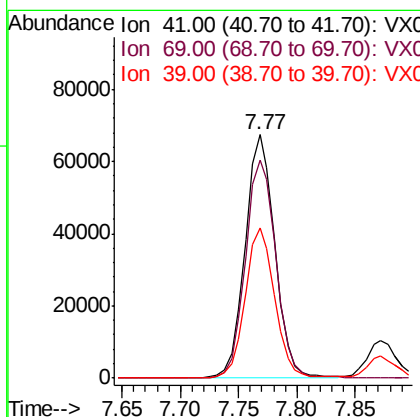
RT: 7.77 min Scan# 1085

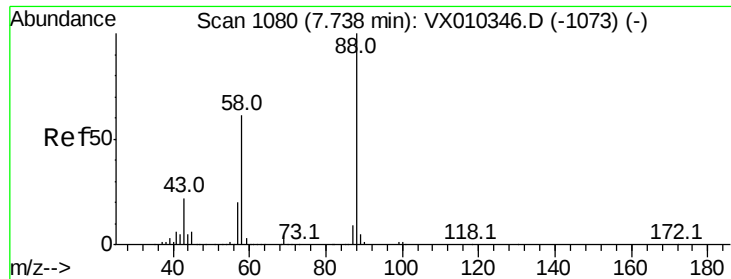
Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Tgt Ion:	41	Resp:	119481
Ion Ratio	Lower	Upper	
41	100		
69	92.6	76.1	114.1
39	61.2	47.6	71.4





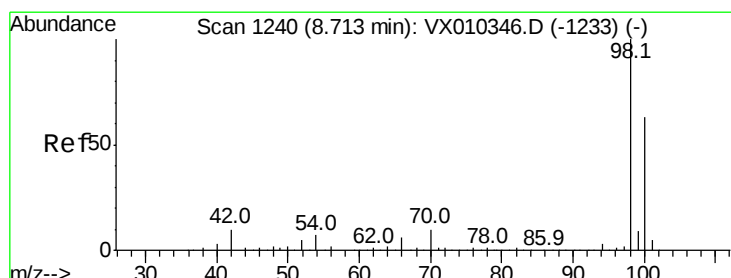
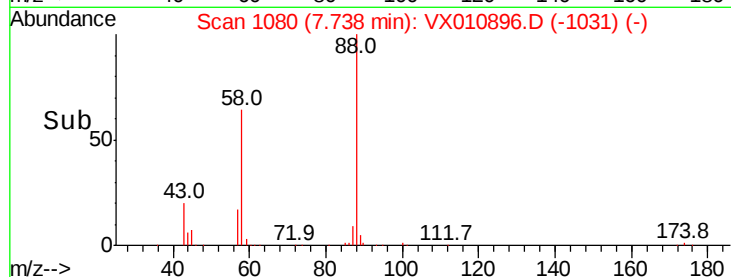
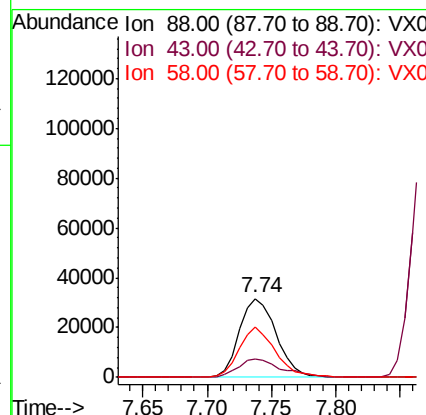
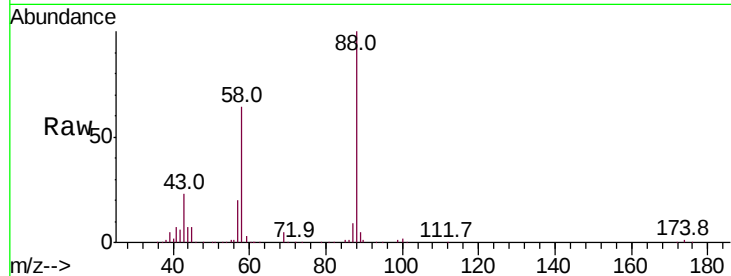
#49
1,4-Dioxane
Concen: 876.203 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.1	20.2	30.2
58	62.9	49.5	74.3

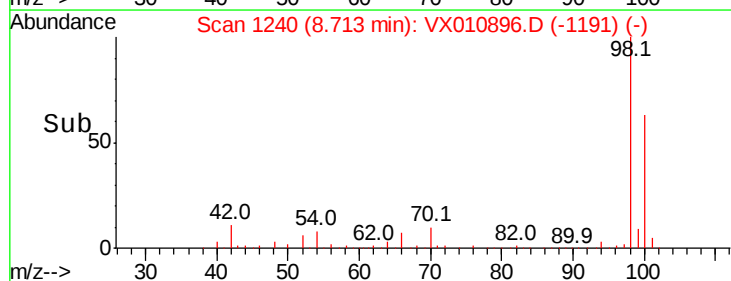
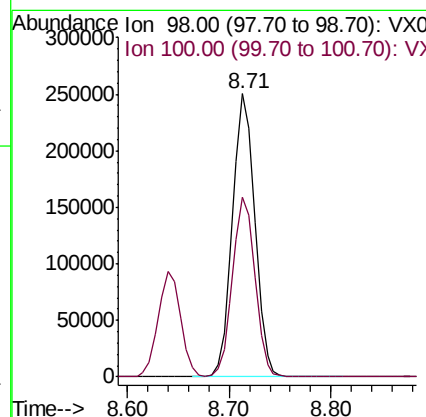
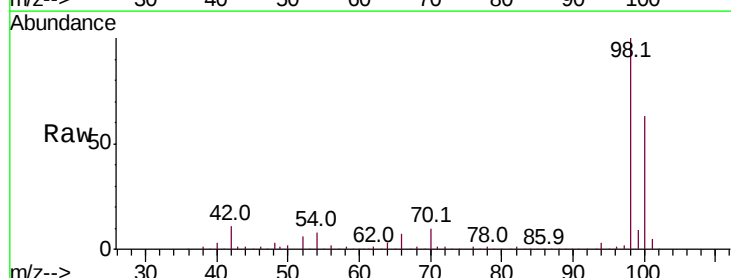
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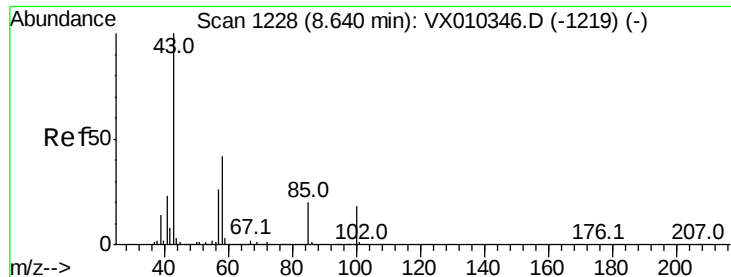
MMDadoda
7/16/2019 10:48:01 AM



#50
Toluene-d8
Concen: 40.832 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 237.757 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MSD

Tot Ion: 43 Resp: 815693

Ion Ratio Lower Upper

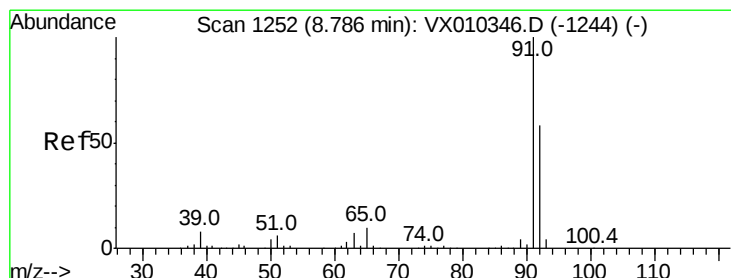
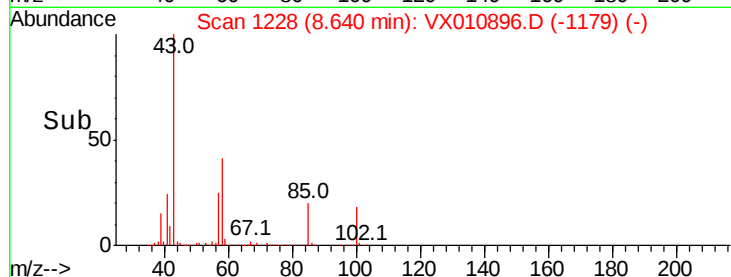
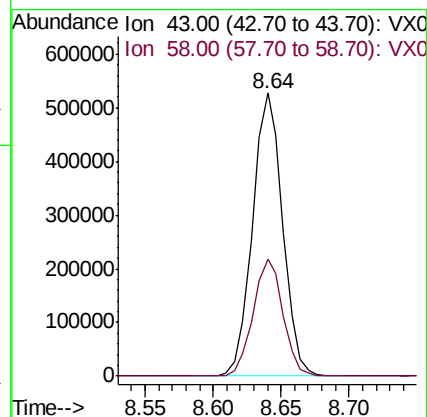
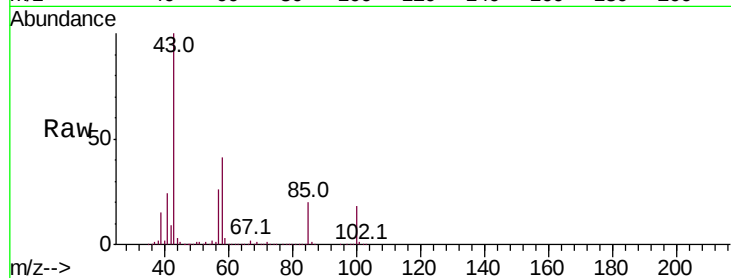
43 100

58 41.1 33.5 50.3

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#52

Toluene

Concen: 43.643 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010896.D

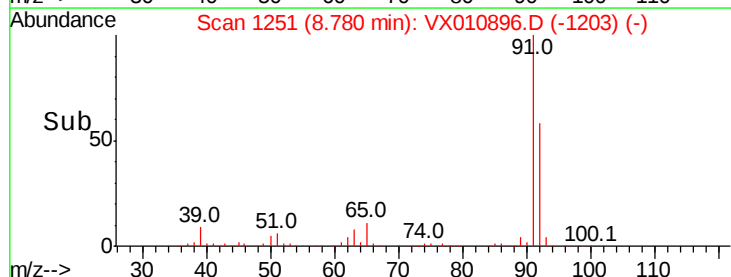
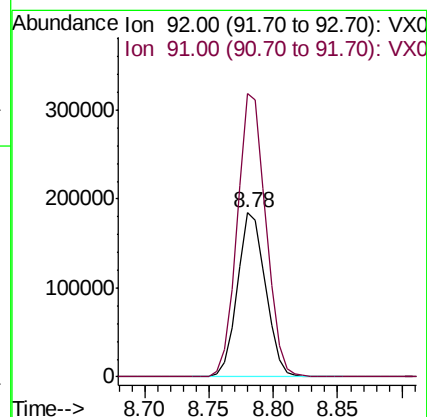
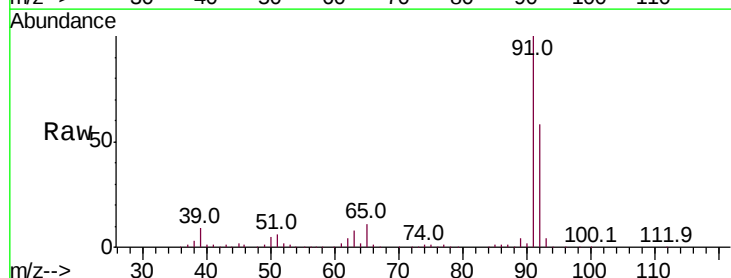
Acq: 15 Jul 2019 19:44

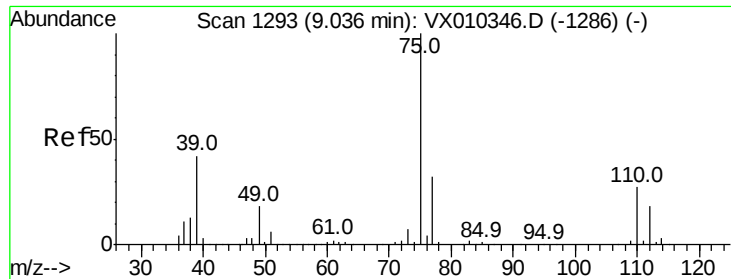
Tgt Ion: 92 Resp: 282196

Ion Ratio Lower Upper

92 100

91 174.9 139.8 209.6





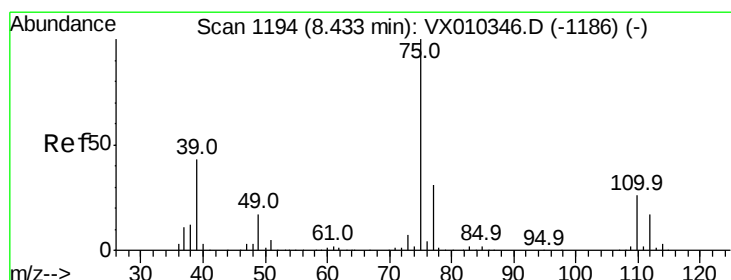
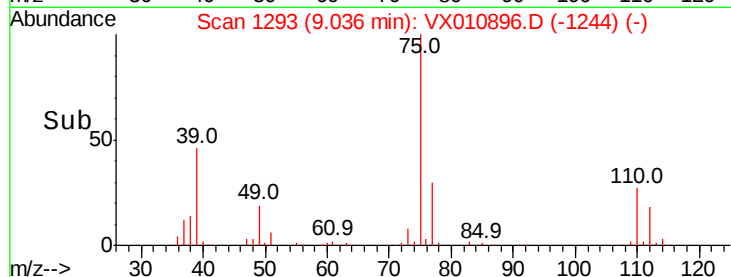
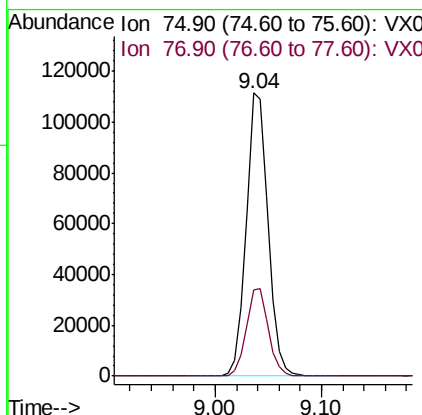
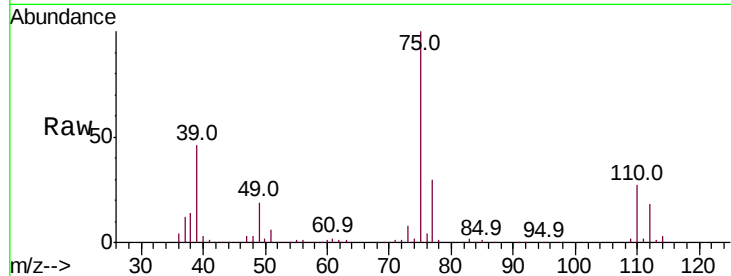
#53
t-1,3-Dichloropropene
Concen: 43.870 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

Tot Ion: 75 Resp: 160353
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.2

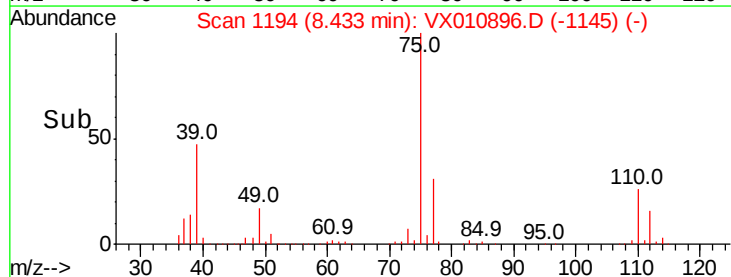
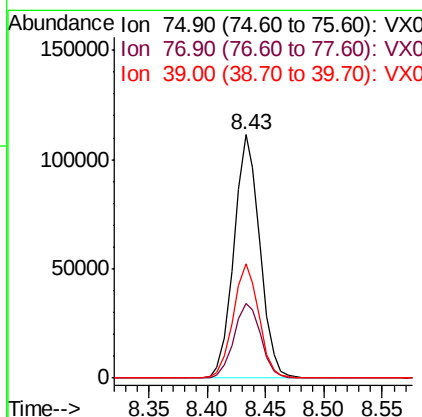
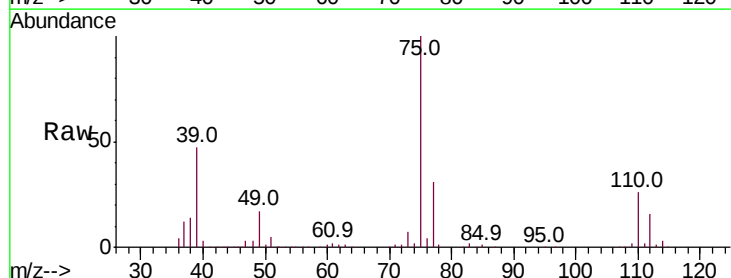
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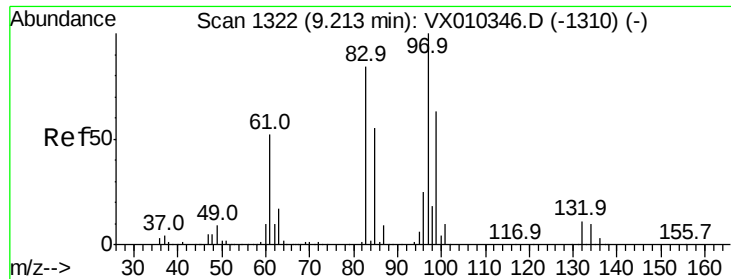
MMDadoda
7/16/2019 10:48:01 AM



#54
cis-1,3-Dichloropropene
Concen: 43.525 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion: 75 Resp: 172887
Ion Ratio Lower Upper
75 100
77 30.8 25.2 37.8
39 46.8 34.5 51.7





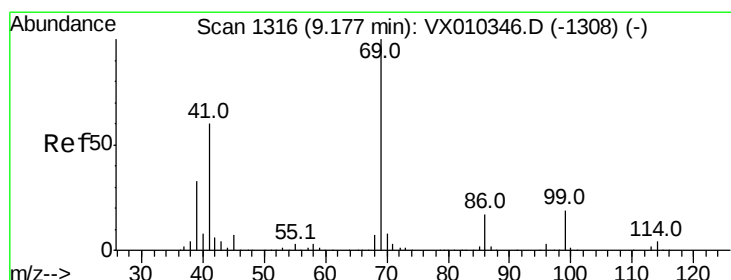
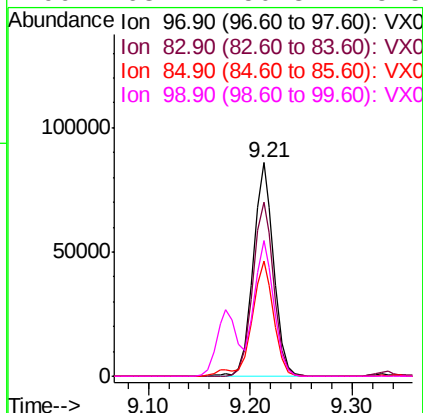
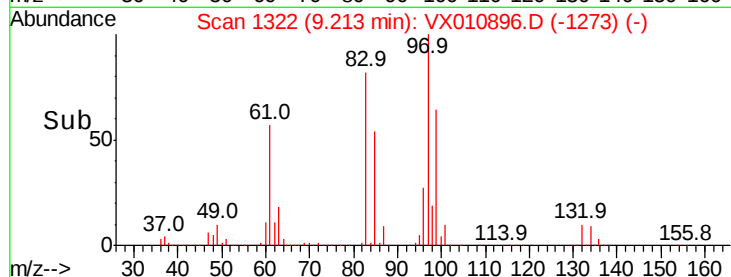
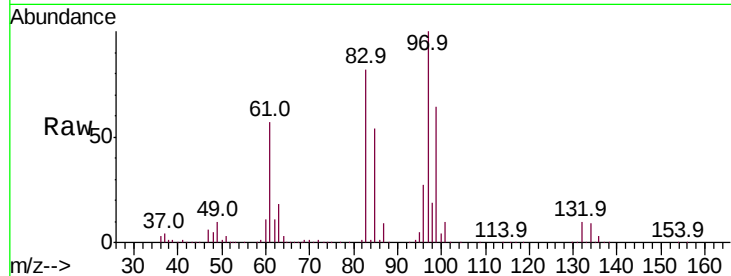
#55
1,1,2-Trichloroethane
Concen: 45.513 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

Tot Ion	Ratio	Resp	Lower	Upper
97	100	121370		
83	81.8	67.4	101.0	
85	53.9	43.8	65.8	
99	63.7	50.3	75.5	

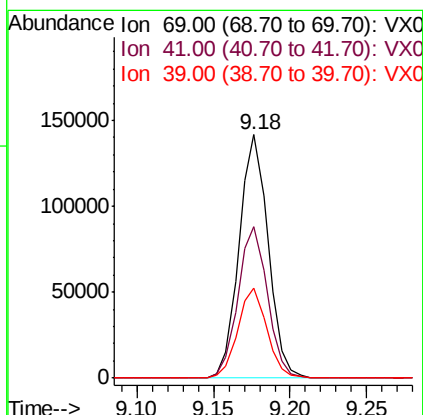
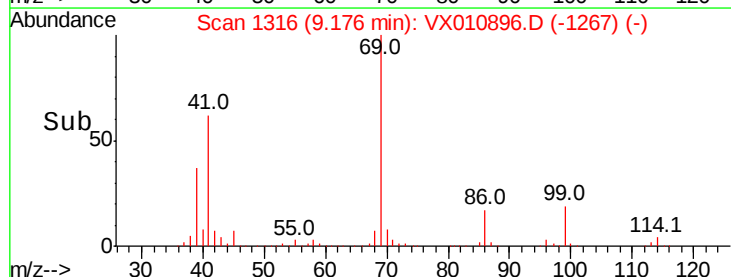
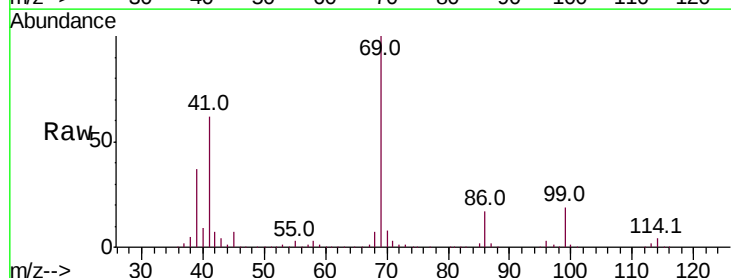
Manual Integrations
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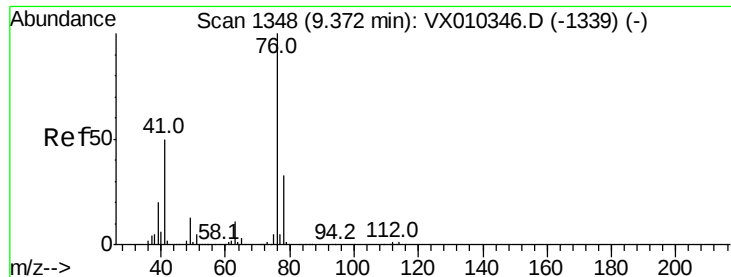
MMDadoda
7/16/2019 10:48:01 AM



#56
Ethyl methacrylate
Concen: 46.367 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	187312		
41	62.8	47.1	70.7	
39	36.6	26.6	40.0	





#57

1,3-Dichloropropane

Concen: 46.588 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MSD

Tot Ion: 76 Resp: 192855

Ion Ratio Lower Upper

76 100

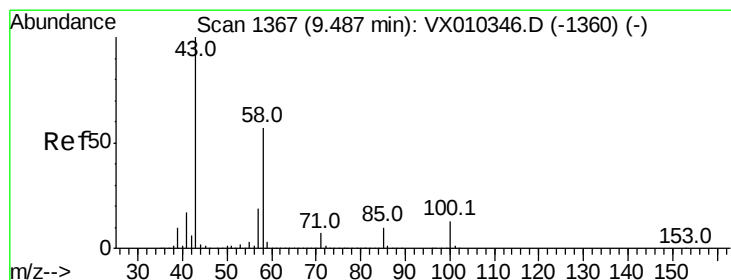
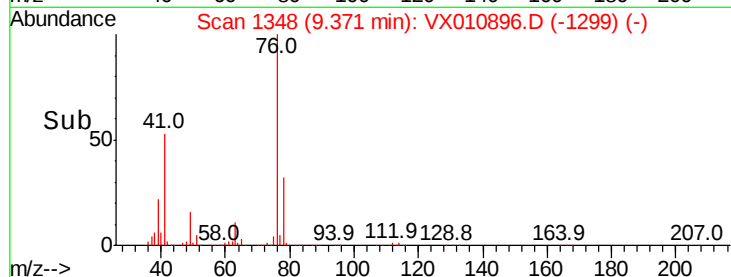
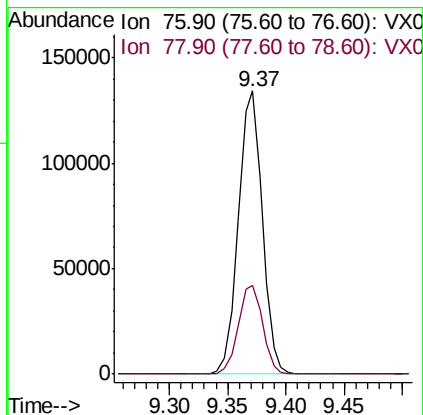
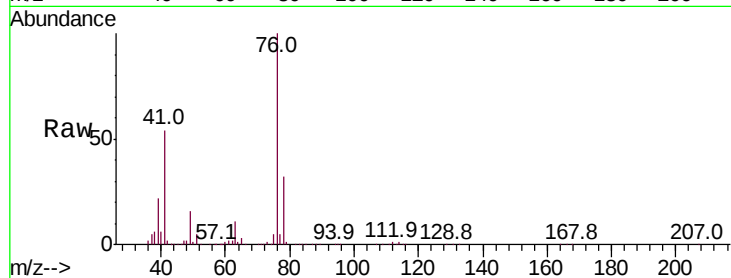
78 32.1 26.1 39.1

Manual Integrations

APPROVED

MMDadoda

7/16/2019 10:48:01 AM



#59

2-Hexanone

Concen: 234.803 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VX010896.D

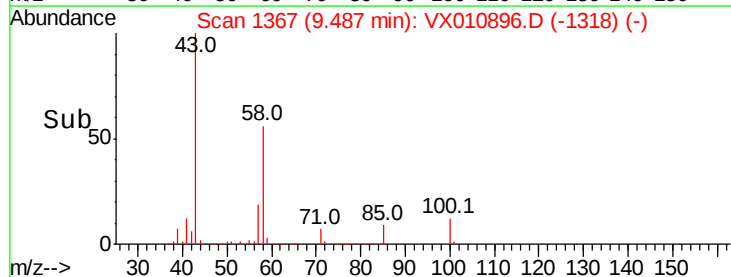
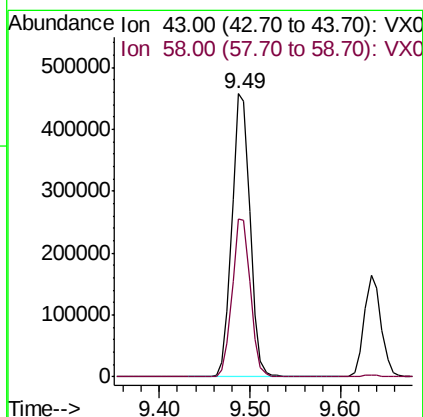
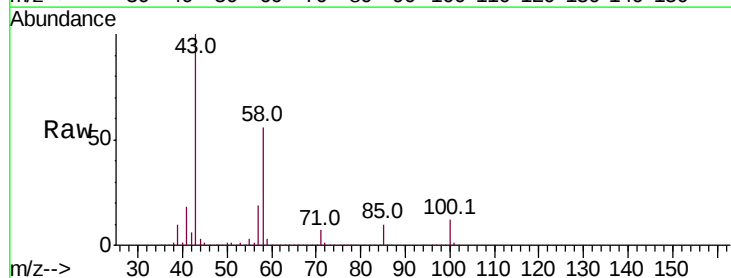
Acq: 15 Jul 2019 19:44

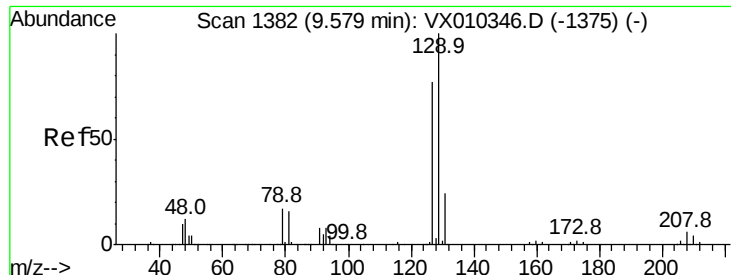
Tgt Ion: 43 Resp: 634002

Ion Ratio Lower Upper

43 100

58 56.1 29.0 87.1





#60

Dibromochloromethane

Concen: 44.420 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MSD

Tot Ion:129 Resp: 132631

Ion Ratio Lower Upper

129 100

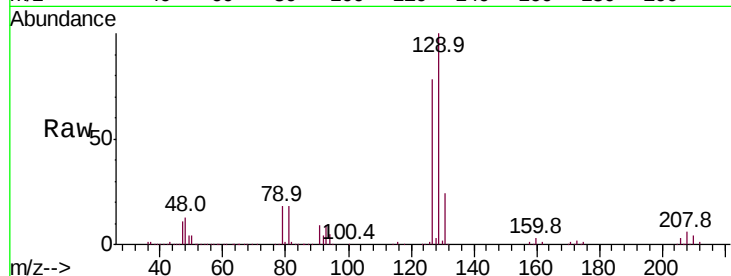
127 77.6 38.4 115.1

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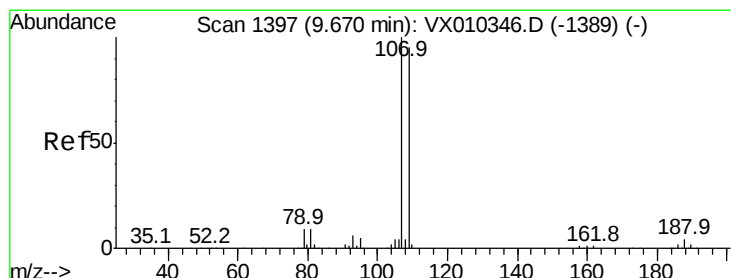
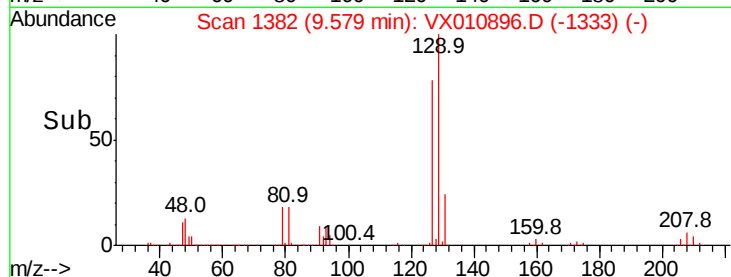
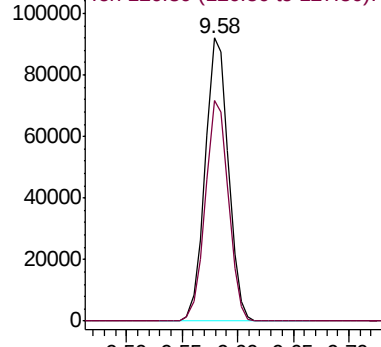
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 45.508 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010896.D

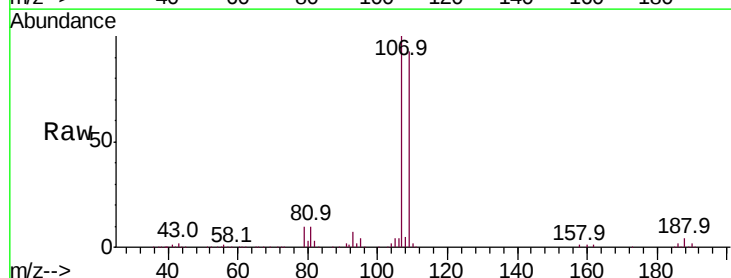
Acq: 15 Jul 2019 19:44

Tgt Ion:107 Resp: 130990

Ion Ratio Lower Upper

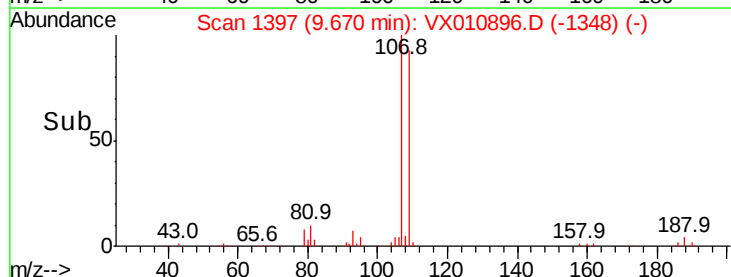
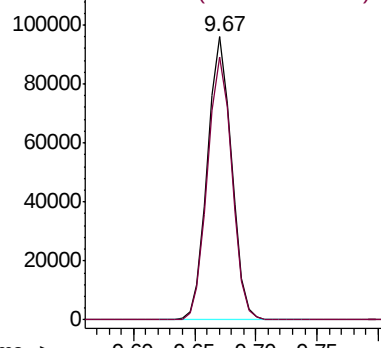
107 100

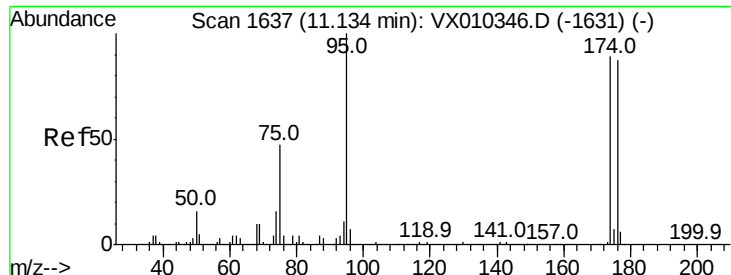
109 94.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





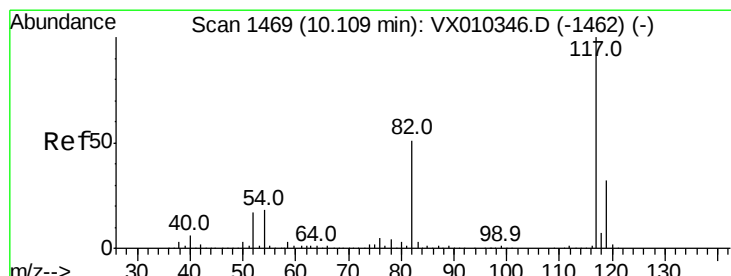
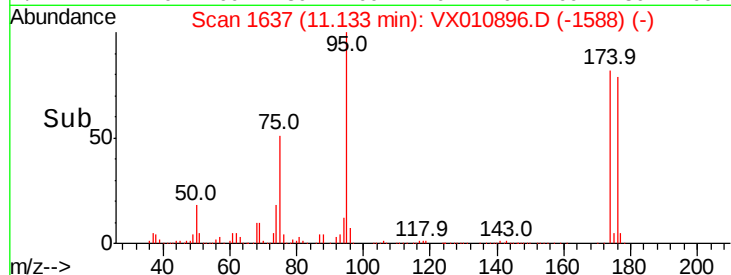
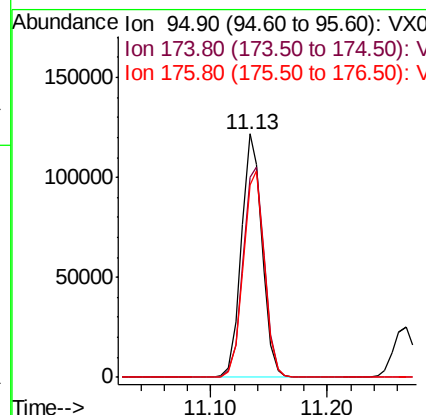
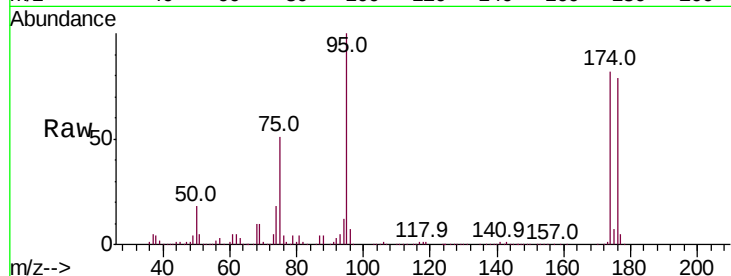
#62
4-Bromofluorobenzene
Concen: 44.953 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	150665		
174	89.7	0.0	187.6	
176	86.5	0.0	184.0	

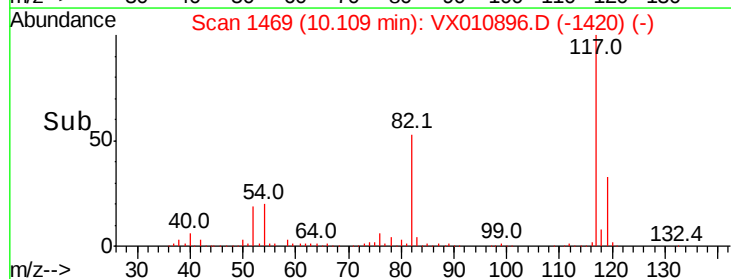
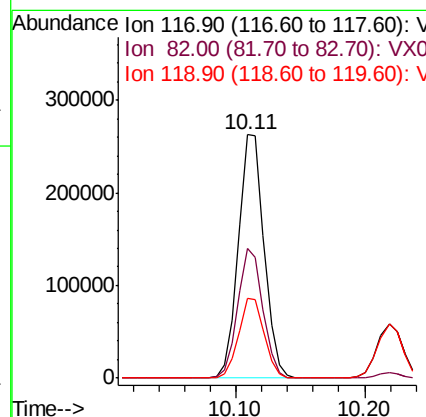
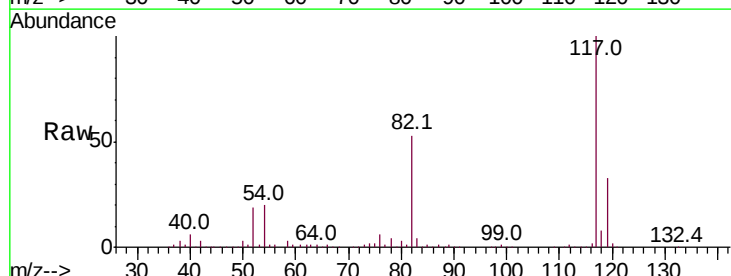
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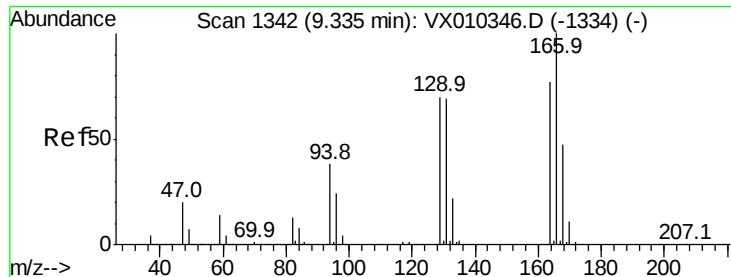
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	366330		
82	53.3	41.2	61.8	
119	32.6	25.5	38.3	





#64

Tetrachloroethene

Concen: 38.564 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MSD

Tot Ion:164 Resp: 114263

Ion Ratio Lower Upper

164 100

166 136.0 103.6 155.4

129 93.5 73.0 109.4

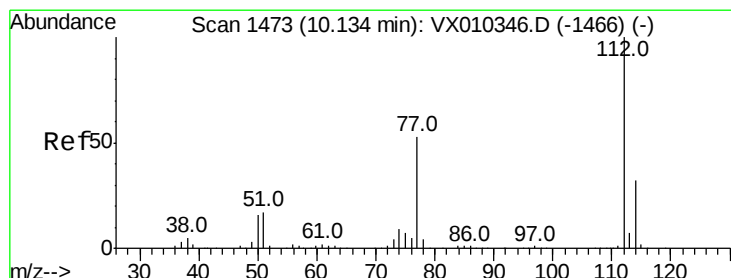
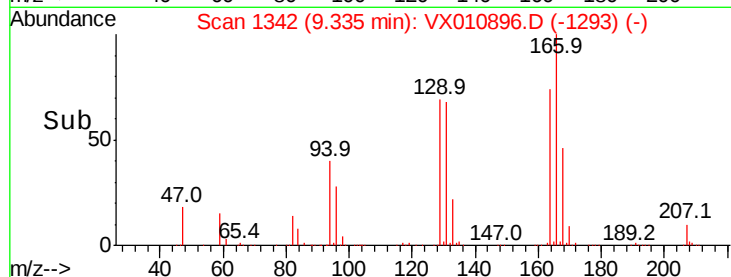
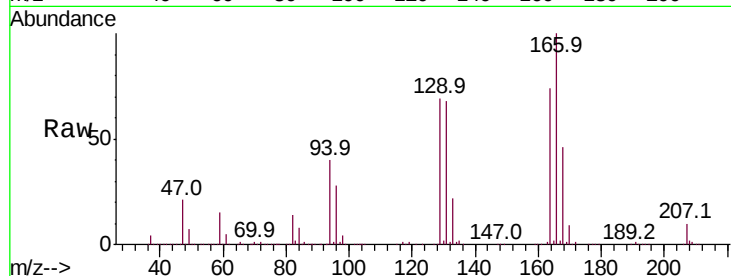
131 92.2 71.0 106.4

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#65

Chlorobenzene

Concen: 43.546 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010896.D

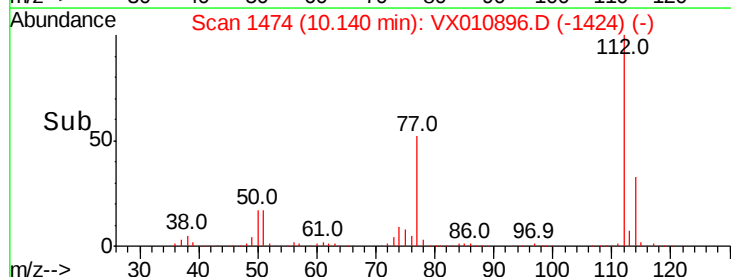
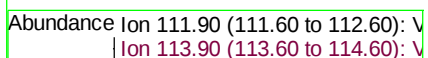
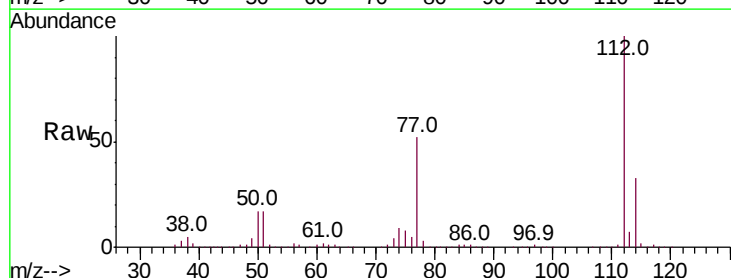
Acq: 15 Jul 2019 19:44

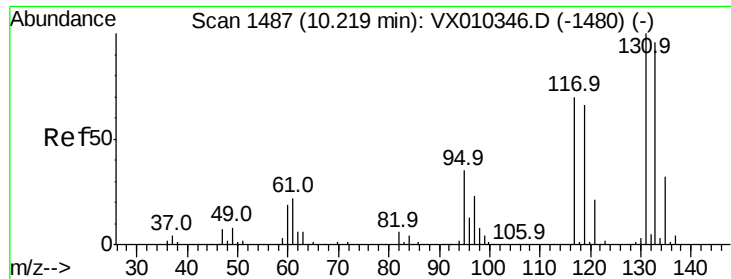
Tgt Ion:112 Resp: 323860

Ion Ratio Lower Upper

112 100

114 32.9 25.4 38.2





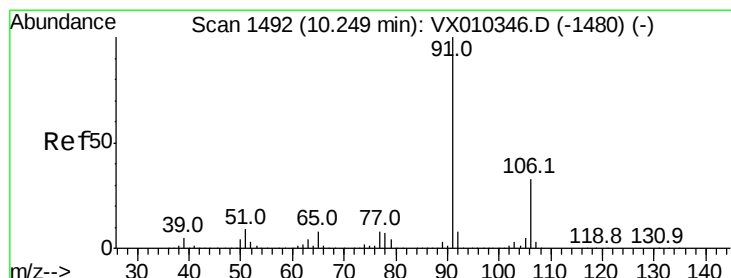
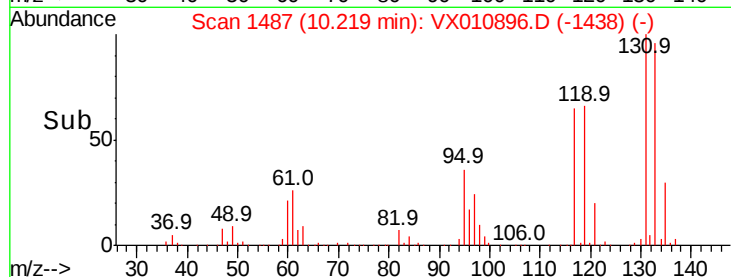
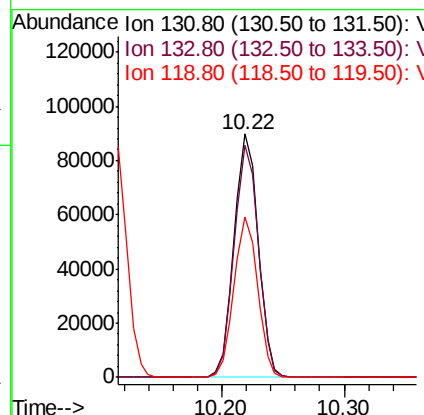
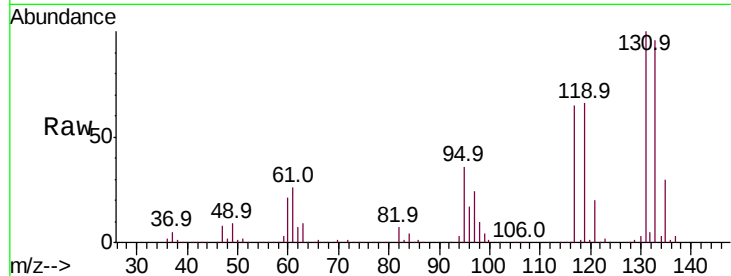
#66
 1,1,1,2-Tetrachloroethane
 Concen: 44.955 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.7	143.1
119	64.9	32.6	97.7

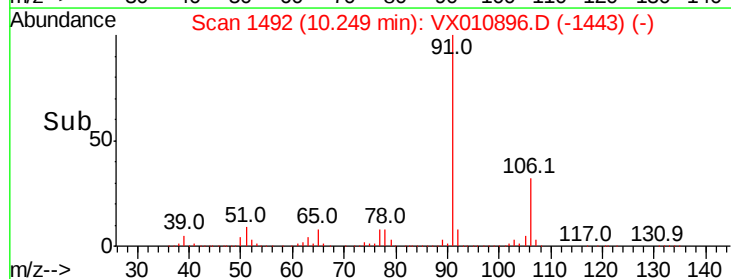
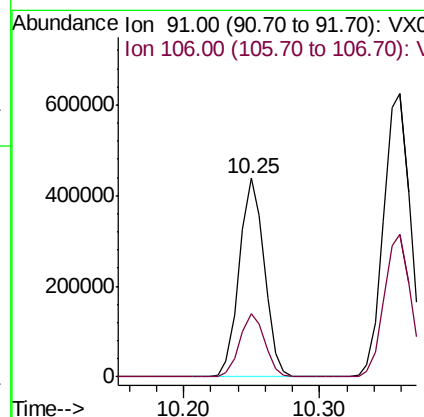
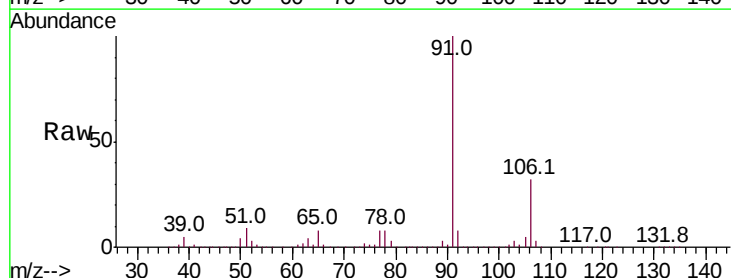
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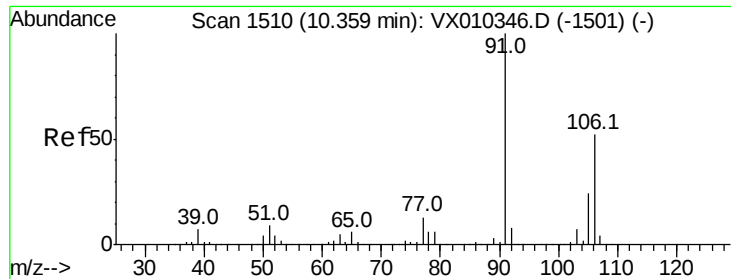
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 7/16/2019 10:48:01 AM



#67
 Ethyl Benzene
 Concen: 44.715 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.9	26.2	39.2





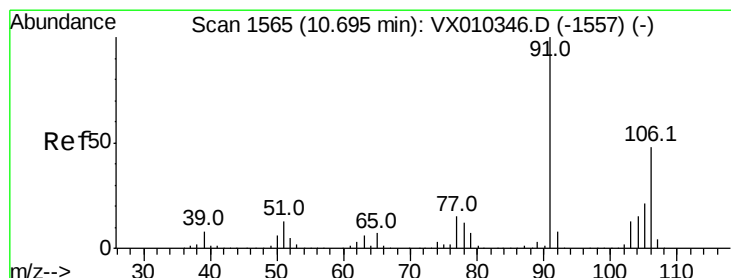
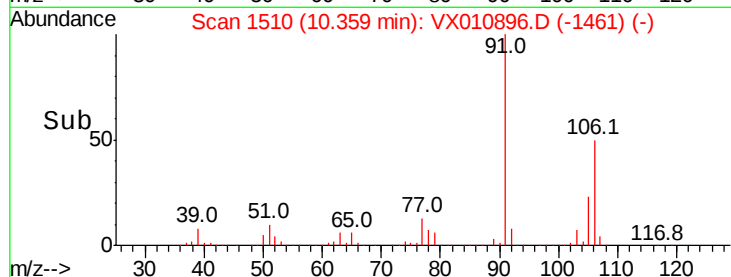
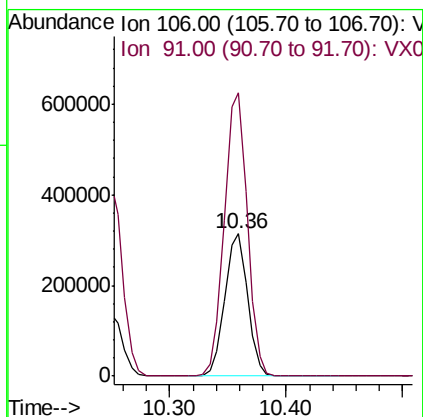
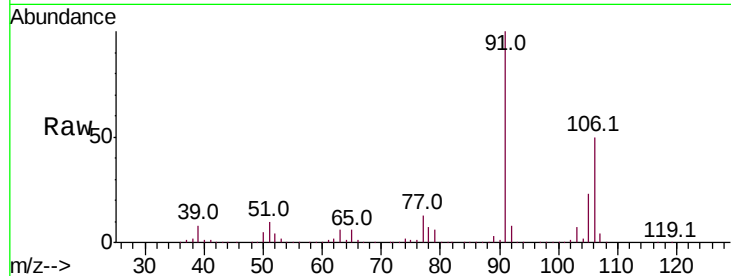
#68
m/p-Xylenes
Concen: 87.567 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

Tot Ion:106 Resp: 426011
Ion Ratio Lower Upper
106 100
91 201.1 155.3 232.9

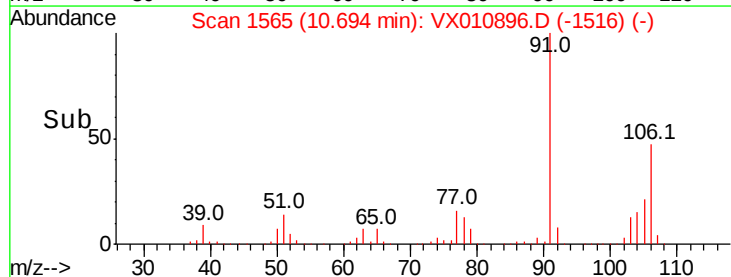
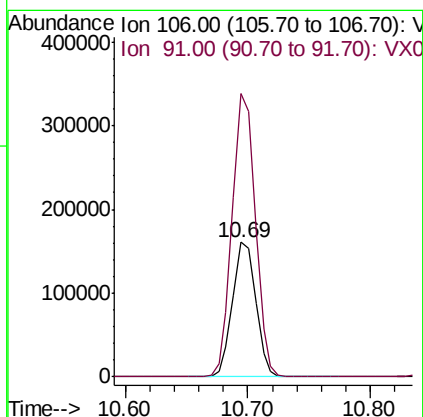
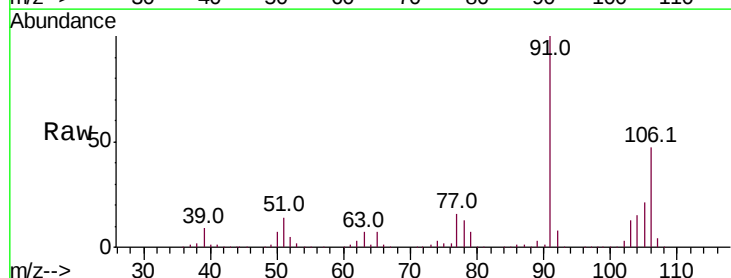
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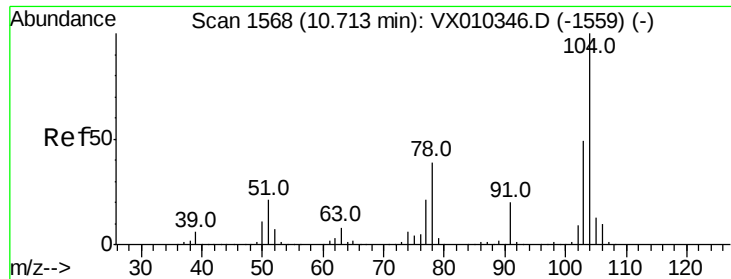
MMDadoda
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#69
o-Xylene
Concen: 44.194 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion:106 Resp: 211435
Ion Ratio Lower Upper
106 100
91 209.3 102.7 308.1





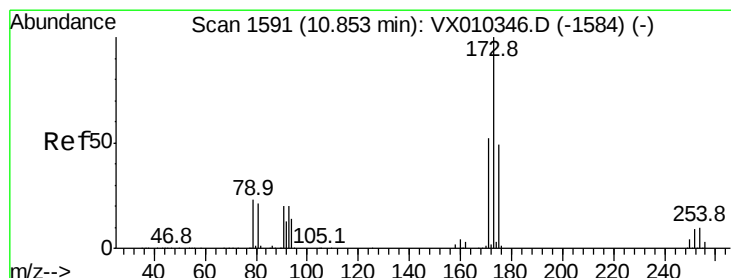
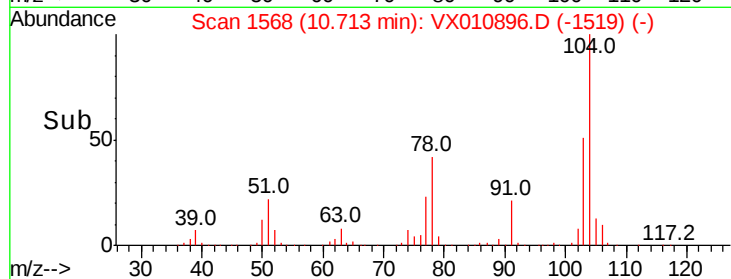
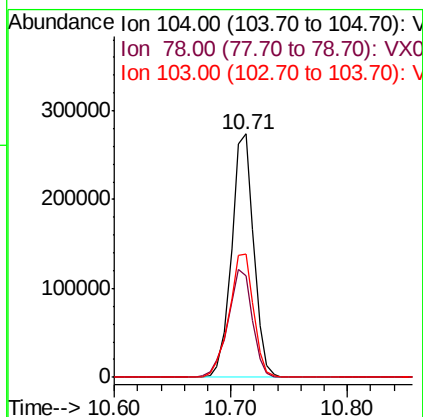
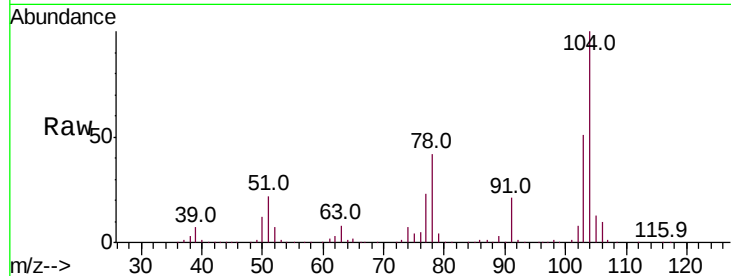
#70
Stvrene
Concen: 45.252 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	363073		
78	48.8	36.2	54.2	
103	55.7	44.2	66.4	

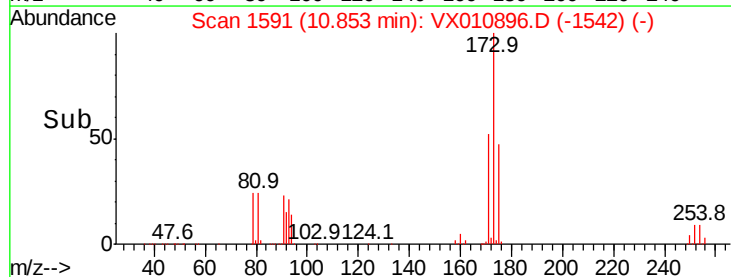
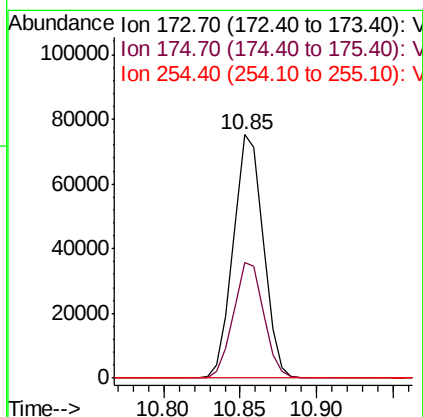
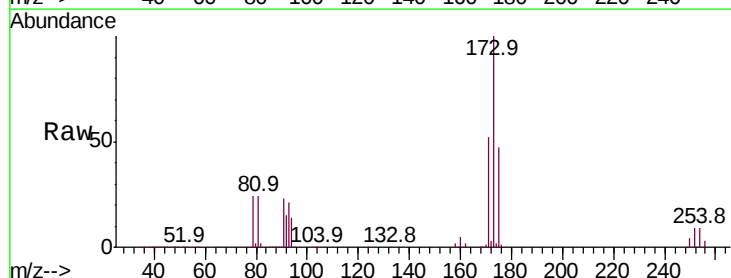
Manual Integrations
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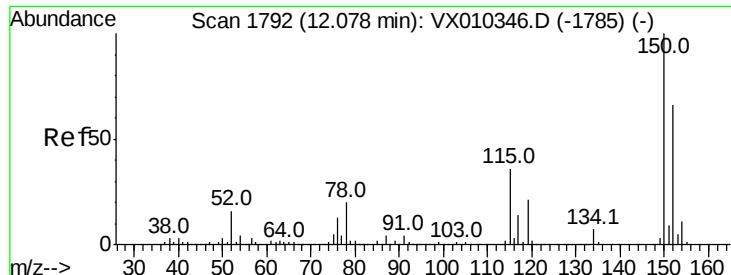
MMDadoda
7/16/2019 10:48:01 AM



#71
Bromoform
Concen: 43.510 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	102501		
175	47.9	24.1	72.3	
254	0.2	0.2	0.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MSD

Tot Ion:152 Resp: 192562

Ion Ratio Lower Upper

152 100

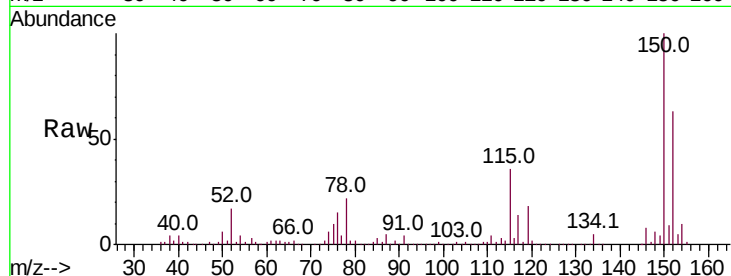
115 76.9 38.6 115.7

150 171.3 0.0 347.4

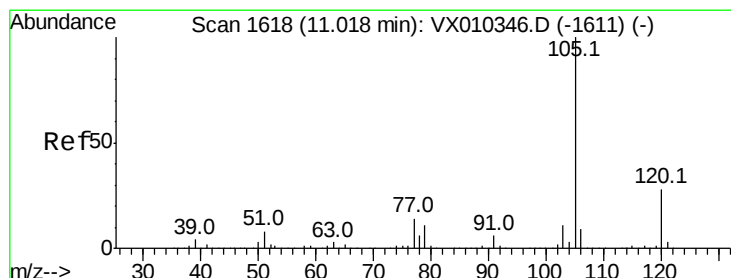
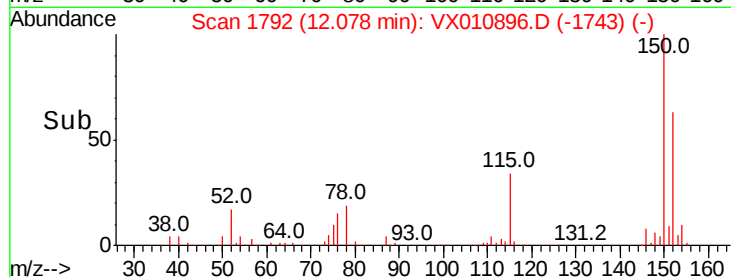
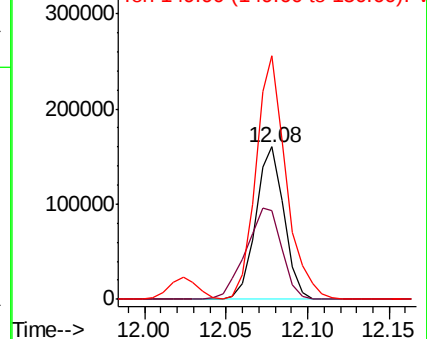
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 43.629 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010896.D

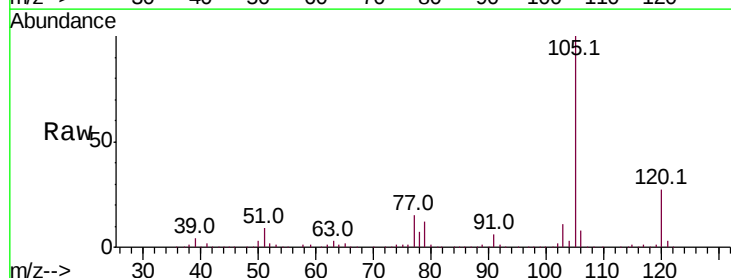
Acq: 15 Jul 2019 19:44

Tgt Ion:105 Resp: 569503

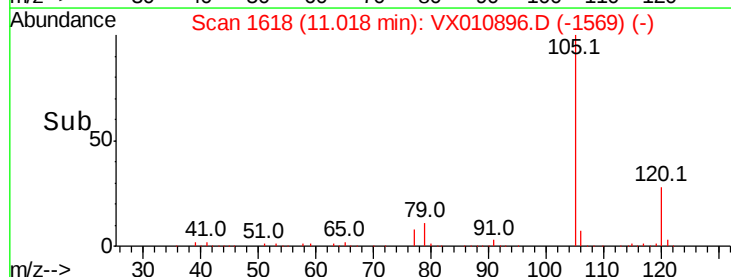
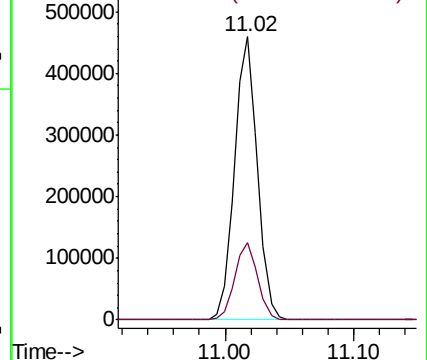
Ion Ratio Lower Upper

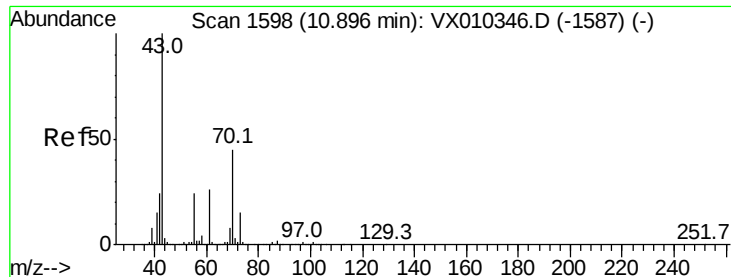
105 100

120 27.4 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





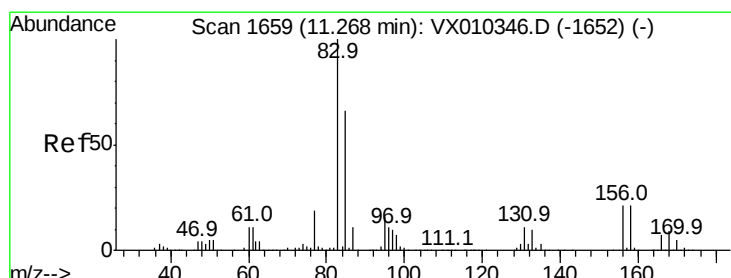
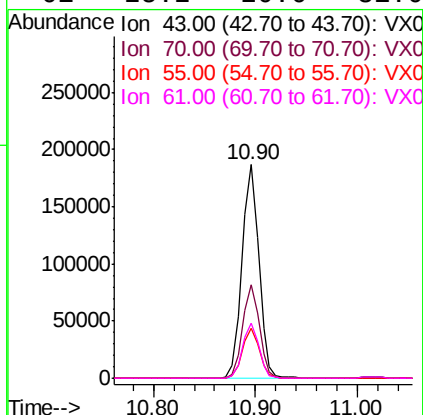
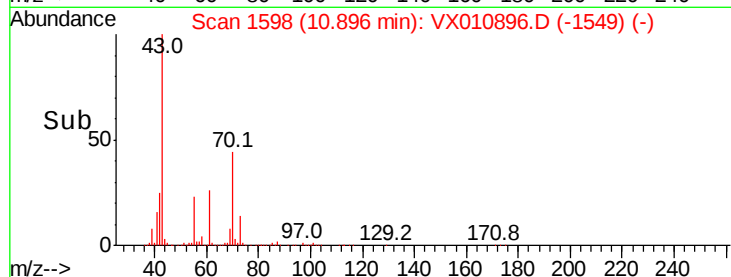
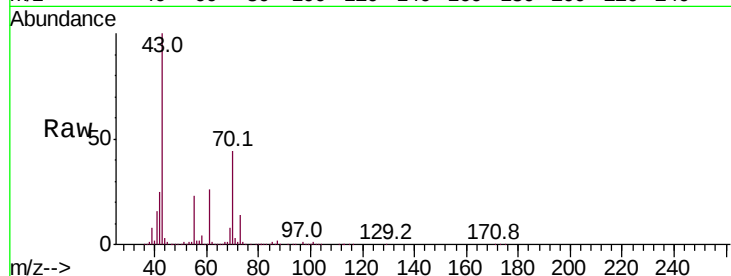
#74
N-amvl acetate
Concen: 43.120 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	43.6	36.6	54.8		
55	23.5	18.7	28.1		
61	25.2	20.6	31.0		

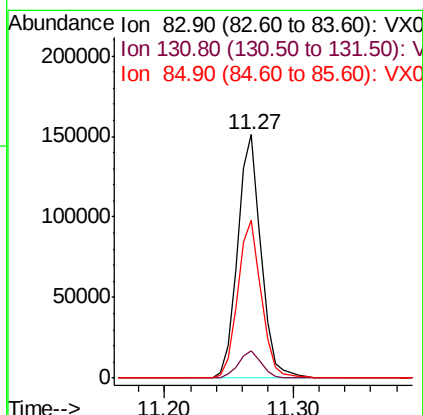
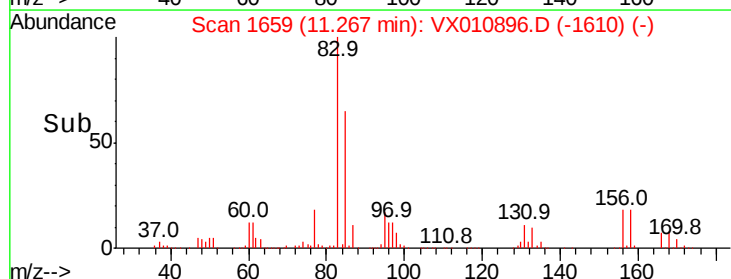
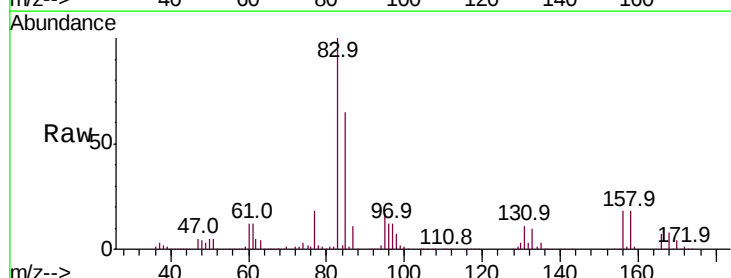
Manual Integrations
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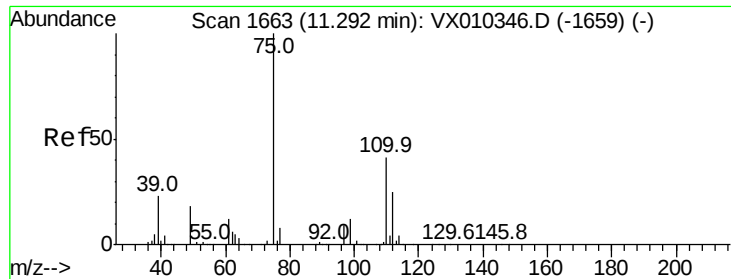
MMDadoda
7/16/2019 10:48:01 AM



#75
1,1,2,2-Tetrachloroethane
Concen: 44.106 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	11.0	5.5	16.4		
85	65.4	32.3	96.8		





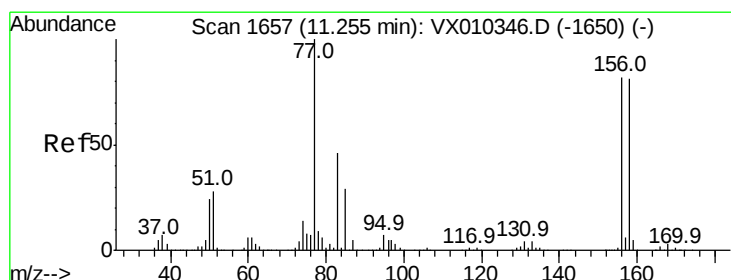
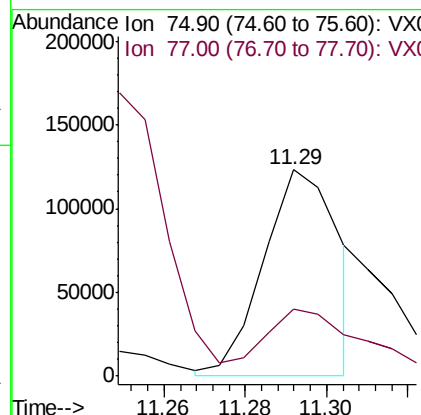
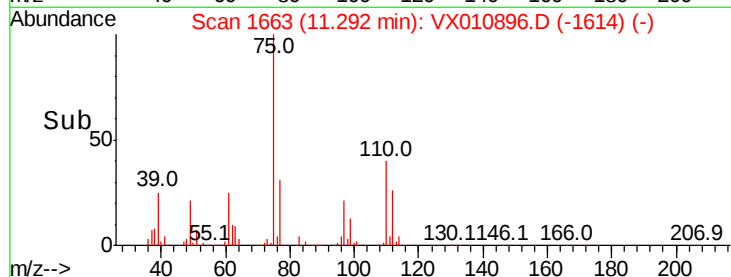
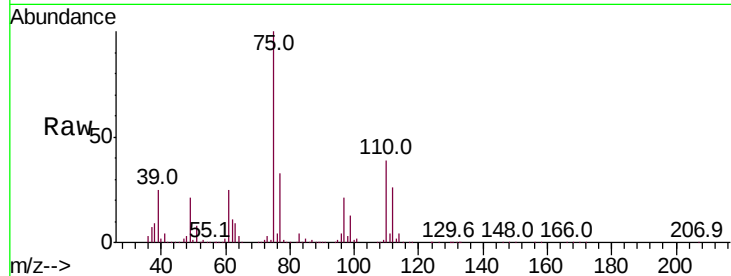
#76
 1,2,3-Trichloropropane
 Concen: 44.962 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

Tot Ion: 75 Resp: 157771
 Ion Ratio Lower Upper
 75 100
 77 43.3 22.6 67.8

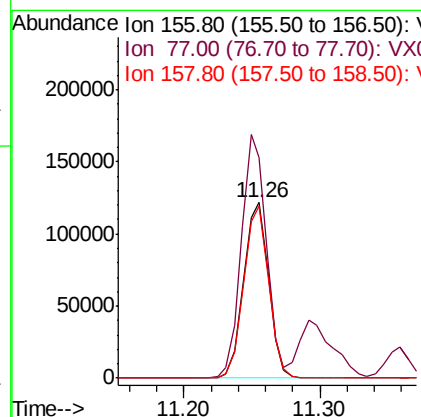
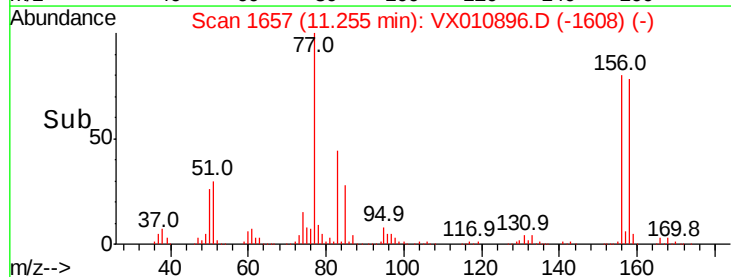
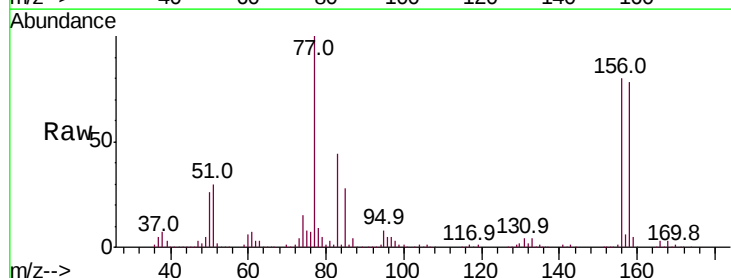
Manual Integrations
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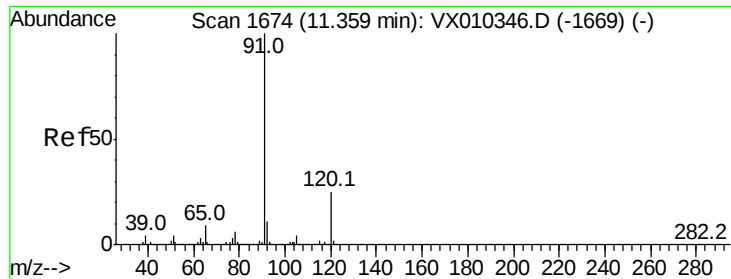
MMDadoda
 7/16/2019 10:48:01 AM



#77
 Bromobenzene
 Concen: 42.823 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion: 156 Resp: 156085
 Ion Ratio Lower Upper
 156 100
 77 138.0 66.3 198.7
 158 97.5 48.9 146.7





#78

n-propylbenzene

Concen: 44.448 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

FL-0600MSD

Tot Ion: 91 Resp: 637666

Ion Ratio Lower Upper

91 100

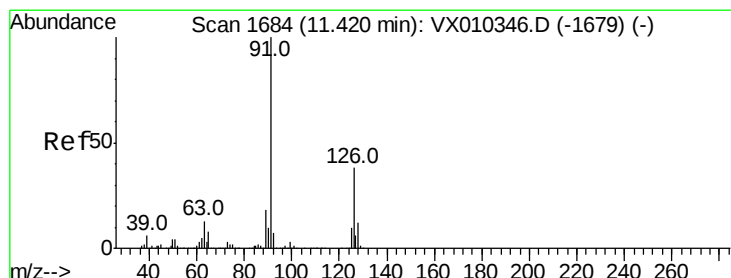
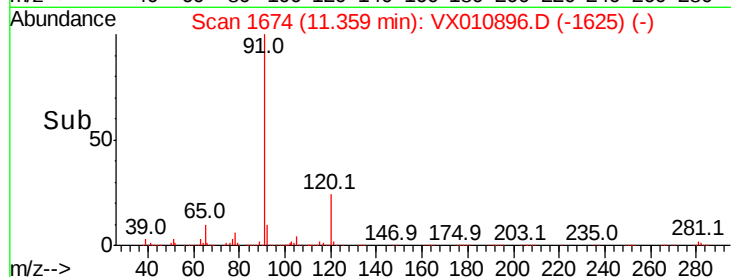
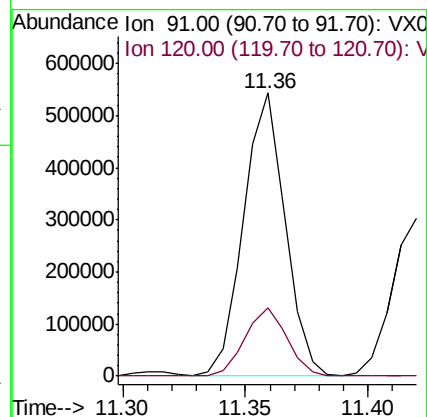
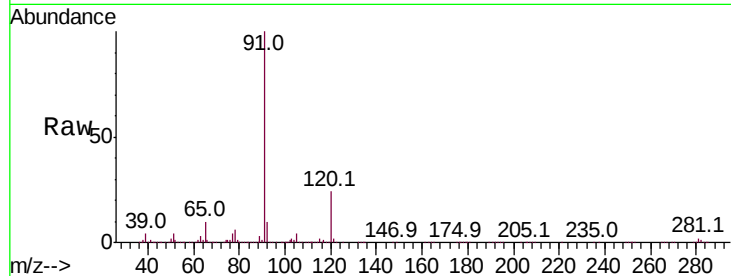
120 24.4 12.4 37.4

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#79

2-Chlorotoluene

Concen: 44.009 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010896.D

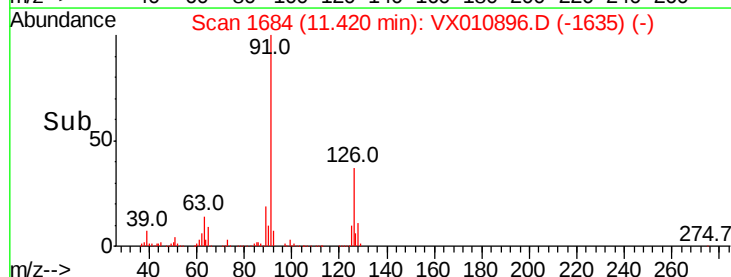
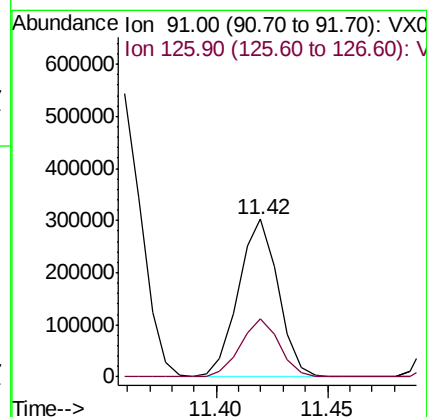
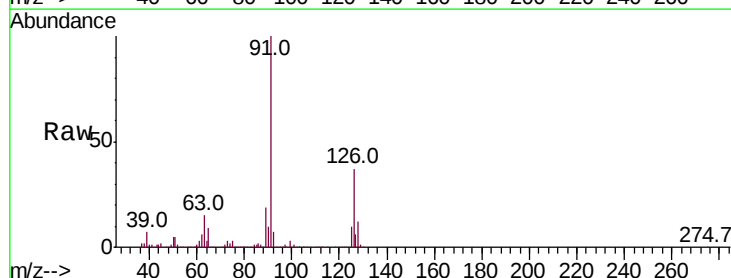
Acq: 15 Jul 2019 19:44

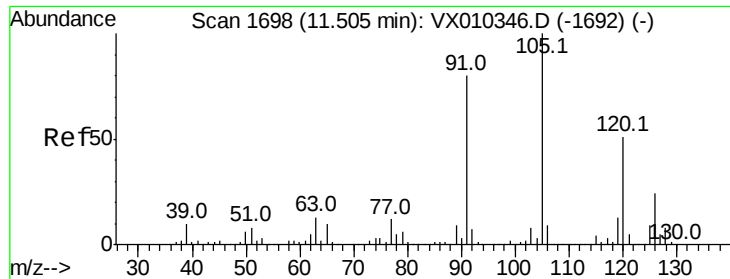
Tgt Ion: 91 Resp: 375956

Ion Ratio Lower Upper

91 100

126 36.3 18.7 56.1





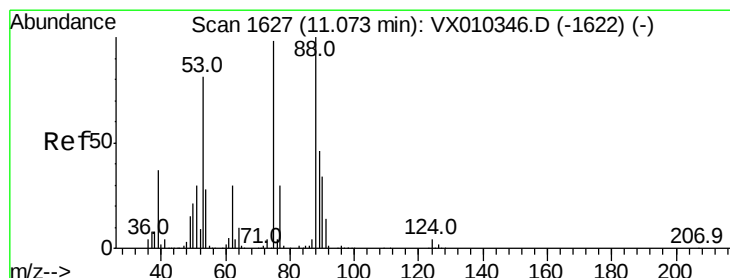
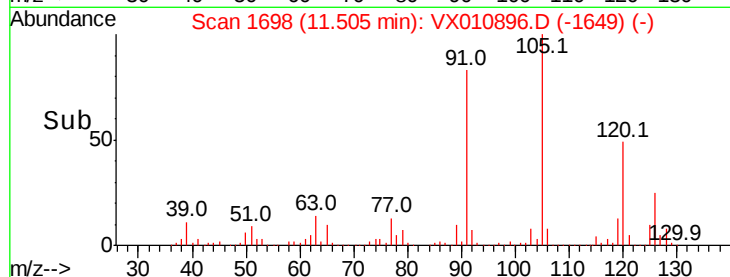
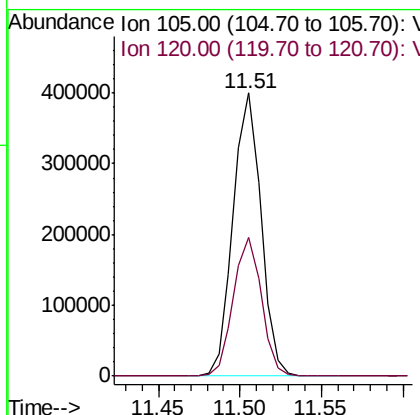
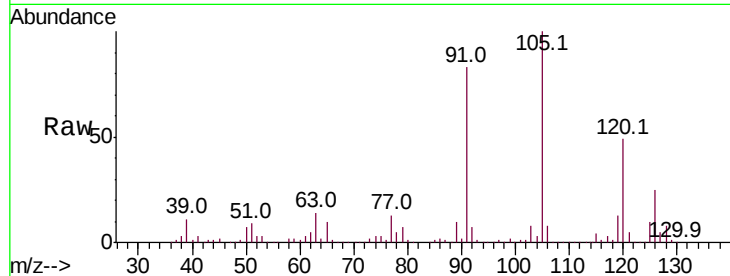
#80
 1,3,5-Trimethylbenzene
 Concen: 44.301 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0600MSD

Tot Ion:105 Resp: 476722
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.2 75.6

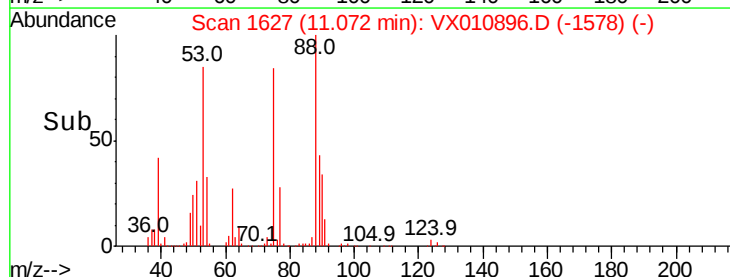
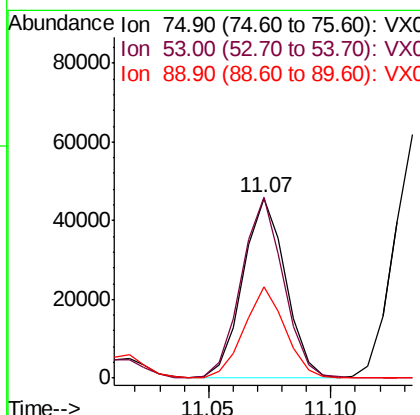
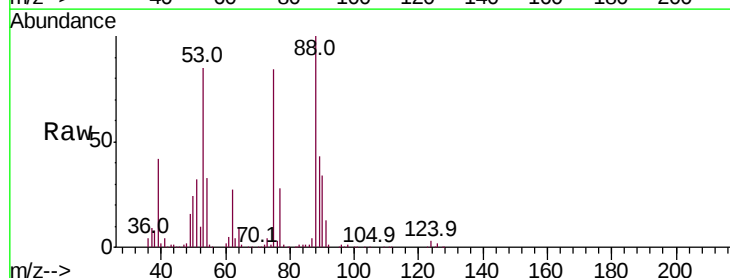
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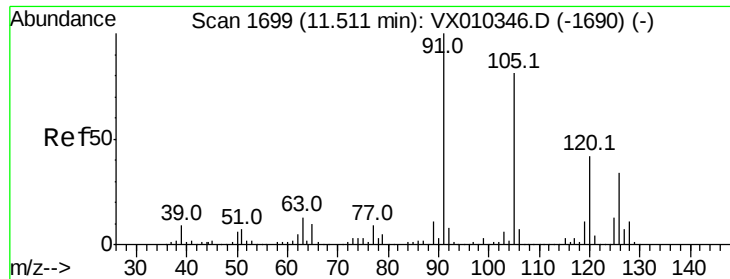
MMDadoda
 7/16/2019 10:48:01 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 36.679 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion: 75 Resp: 55170
 Ion Ratio Lower Upper
 75 100
 53 99.2 66.1 99.1#
 89 49.5 37.8 56.6





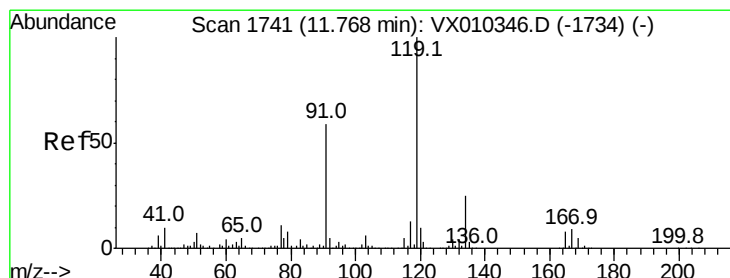
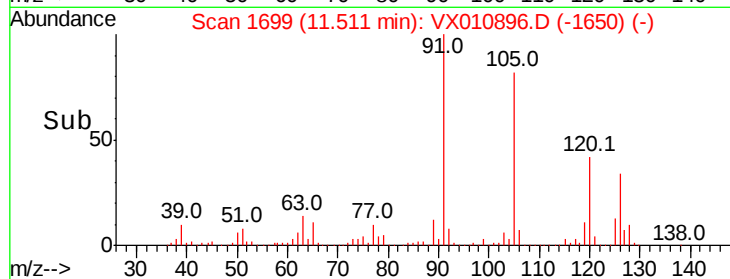
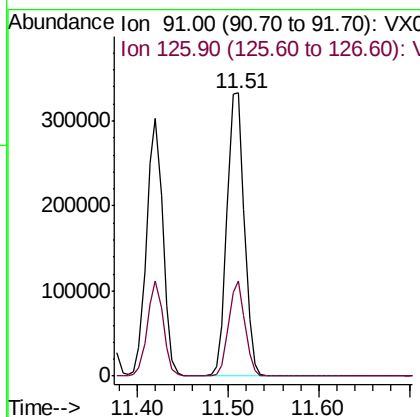
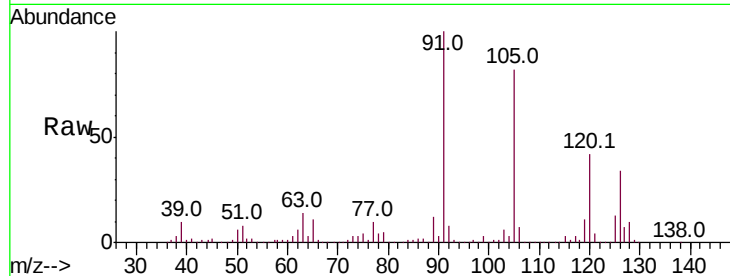
#82
4-Chlorotoluene
Concen: 45.572 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

Tot Ion: 91 Resp: 442998
Ion Ratio Lower Upper
91 100
126 31.3 16.2 48.6

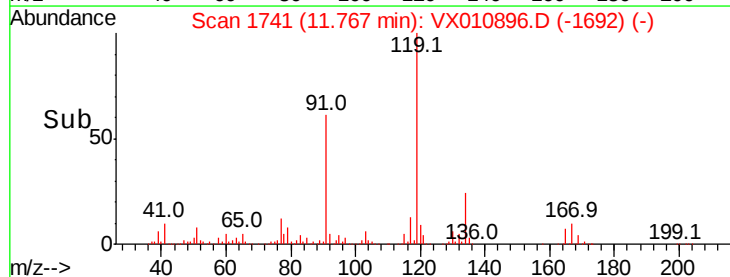
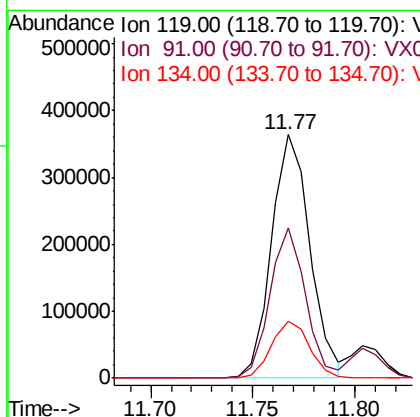
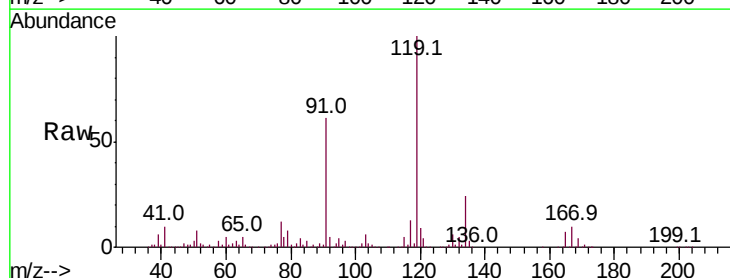
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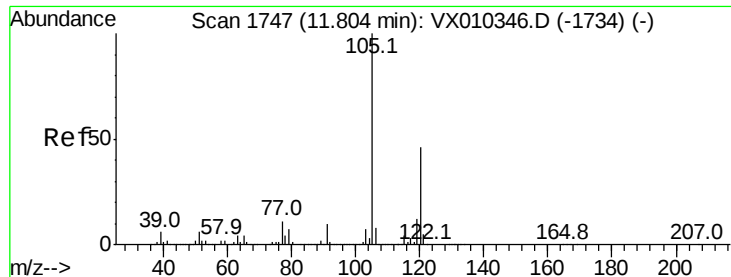
MMDadoda
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#83
tert-Butylbenzene
Concen: 44.258 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion: 119 Resp: 478014
Ion Ratio Lower Upper
119 100
91 57.5 27.6 82.7
134 23.3 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 44.769 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

ClientSampled :

FL-0600MSD

Tot Ion:105 Resp: 484016

Ion Ratio Lower Upper

105 100

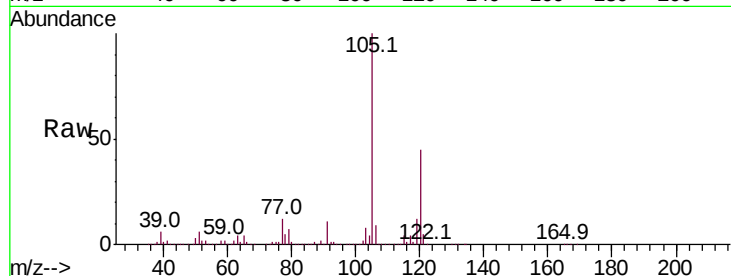
120 44.8 23.1 69.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.80

400000

300000

200000

100000

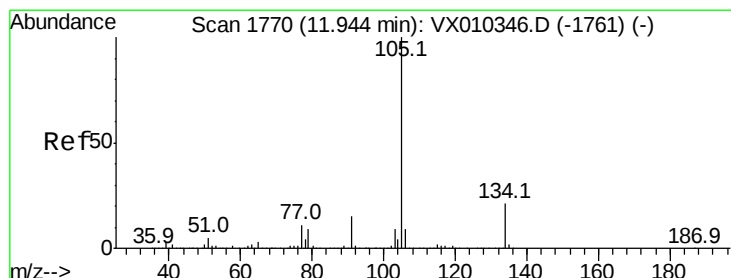
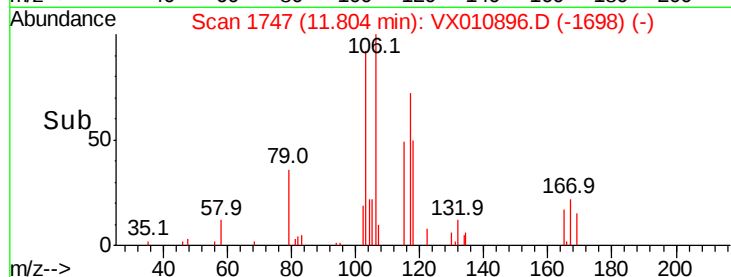
0

Time-->

11.70

11.80

11.90



#85

sec-Butylbenzene

Concen: 44.275 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010896.D

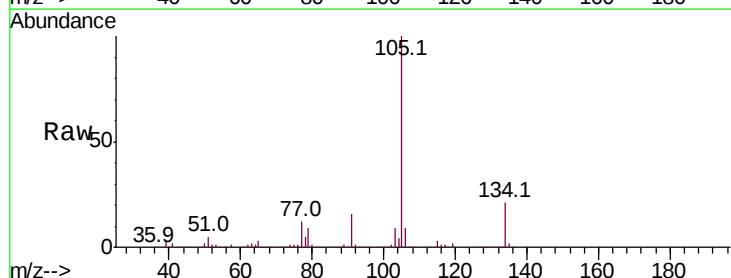
Acq: 15 Jul 2019 19:44

Tgt Ion:105 Resp: 561469

Ion Ratio Lower Upper

105 100

134 20.6 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

500000

400000

300000

200000

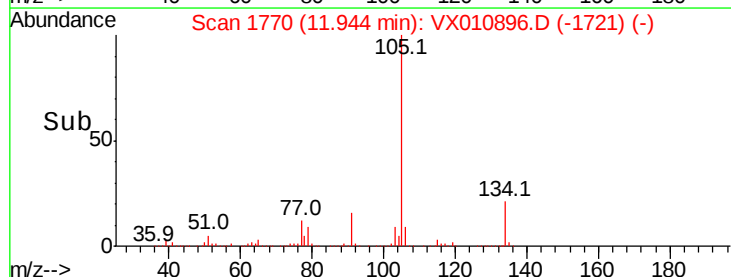
100000

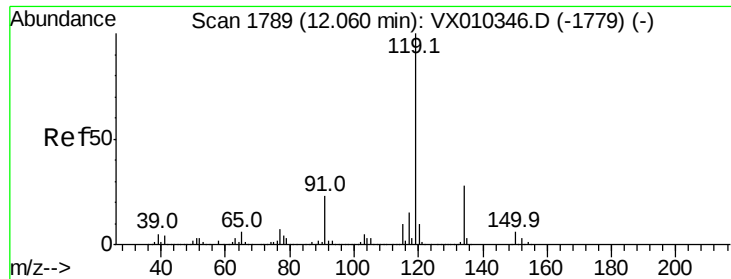
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Time-->

11.90

12.00





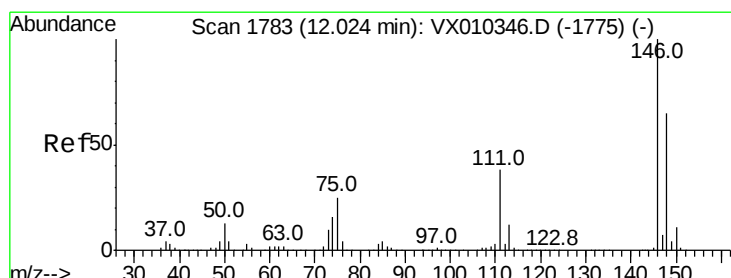
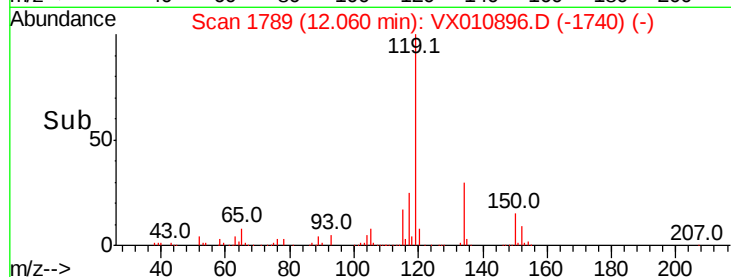
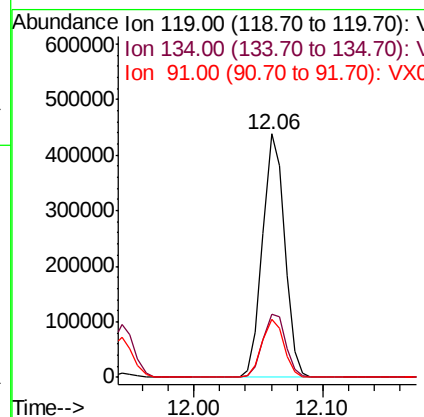
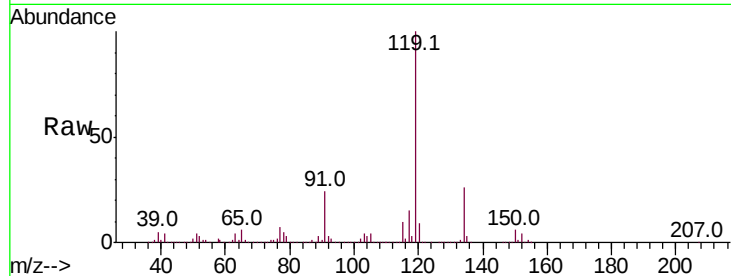
#86
p-Isopropyltoluene
Concen: 44.148 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	517853		
134	26.9		13.7	41.1
91	23.6		11.3	33.8

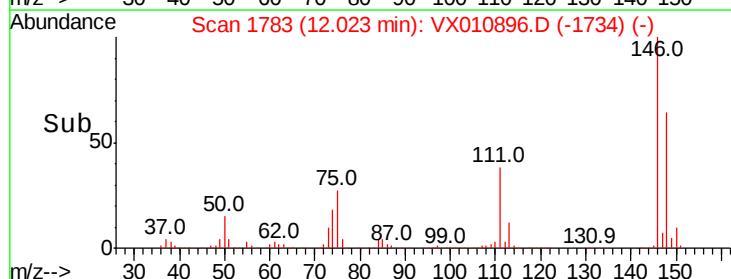
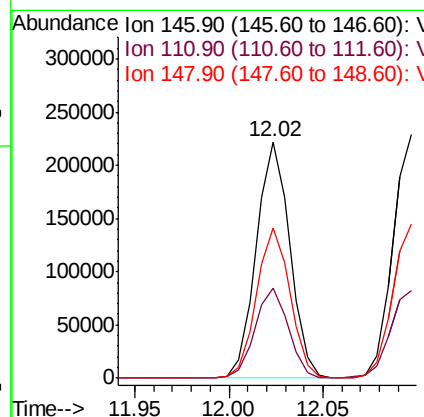
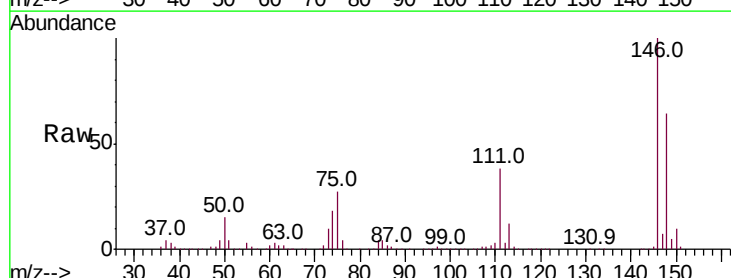
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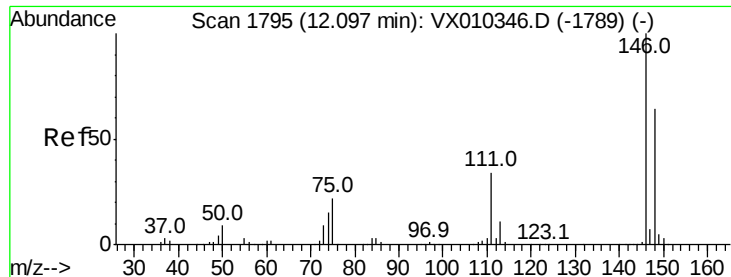
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#87
1,3-Dichlorobenzene
Concen: 43.044 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	273861		
111	37.9		19.1	57.1
148	63.4		32.5	97.4





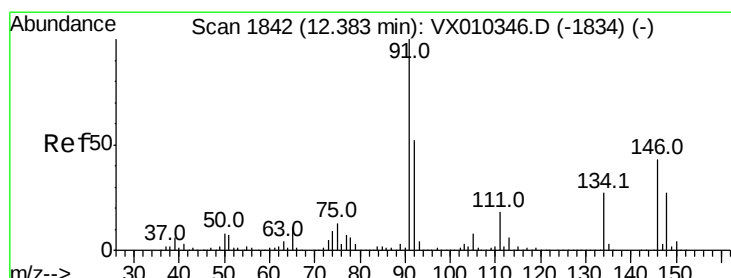
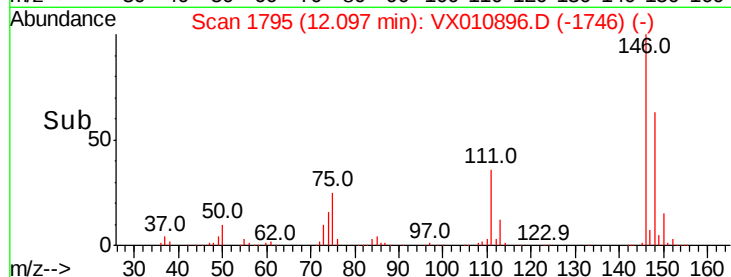
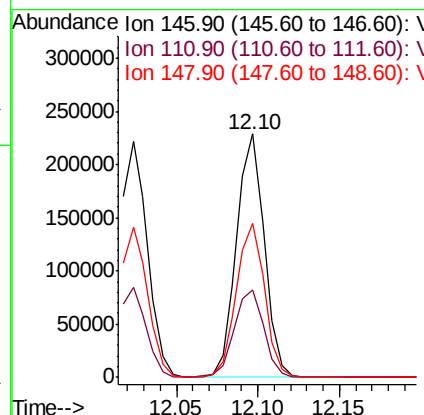
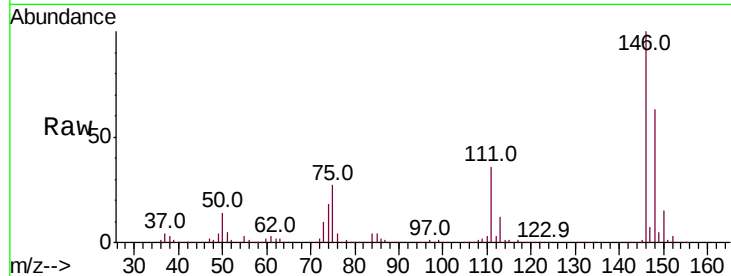
#88
 1,4-Dichlorobenzene
 Concen: 41.836 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.1	54.3
148	64.3	32.1	96.3

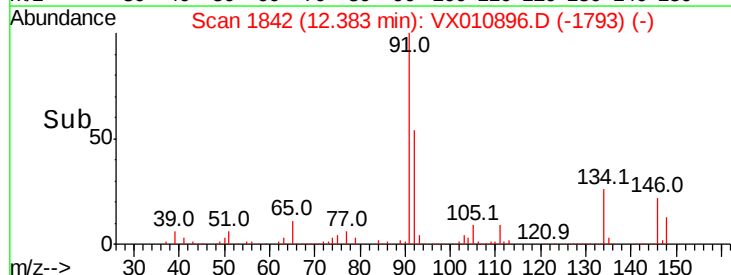
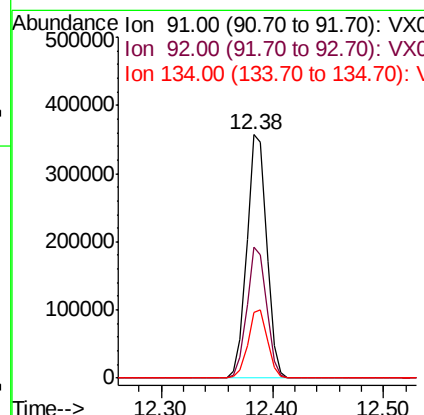
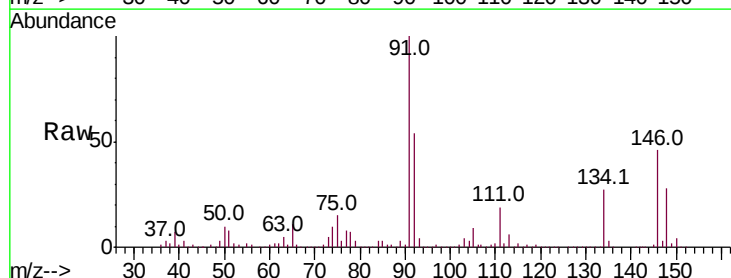
Manual Integrations
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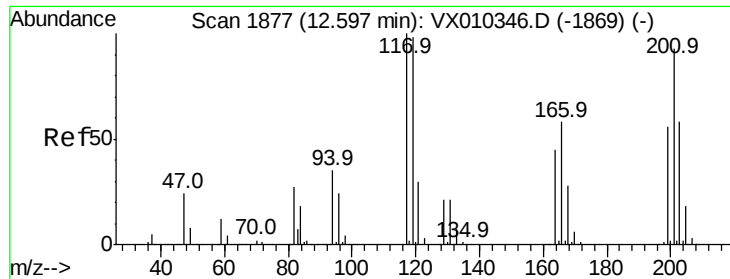
MMDadoda
 7/16/2019 10:48:01 AM



#89
 n-Butylbenzene
 Concen: 44.140 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.2	78.5
134	27.6	14.1	42.4





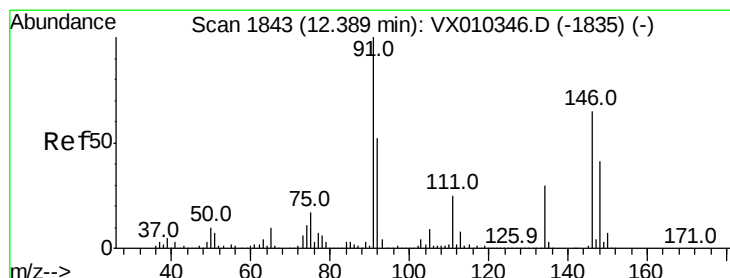
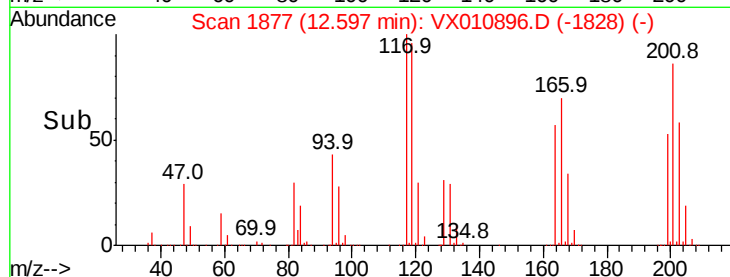
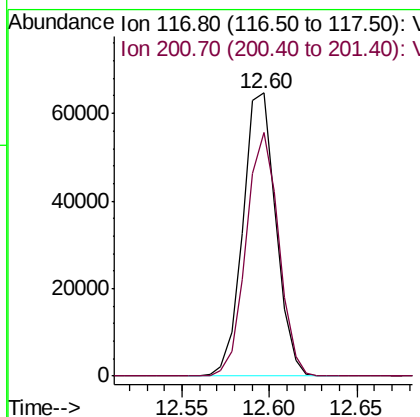
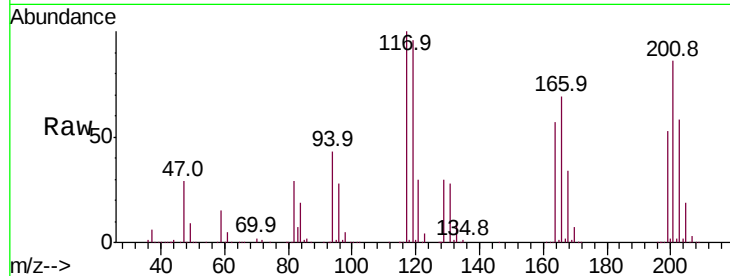
#90
Hexachloroethane
Concen: 41.813 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MSD

Tot Ion:117 Resp: 84807
Ion Ratio Lower Upper
117 100
201 84.7 44.0 131.8

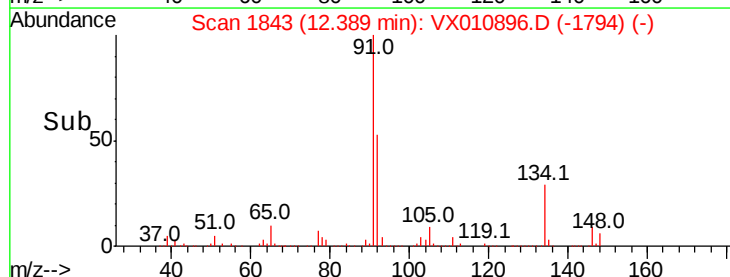
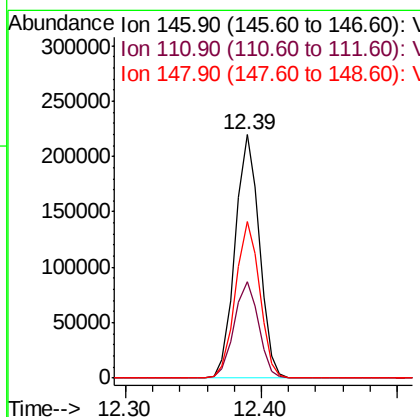
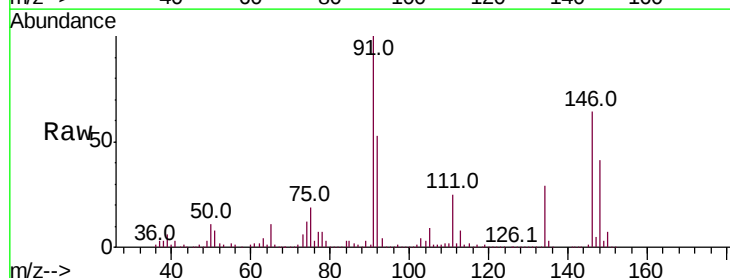
Manual Integrations
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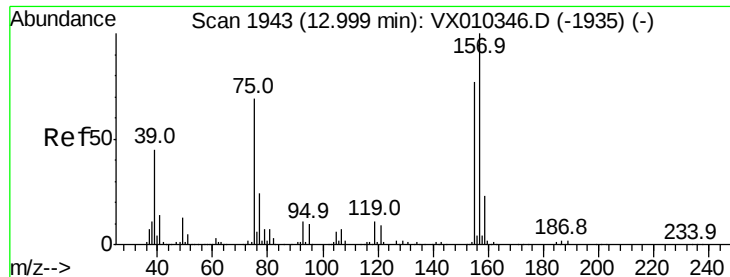
MMDadoda
7/16/2019 10:48:01 AM



#91
1,2-Dichlorobenzene
Concen: 42.907 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX010896.D
Acq: 15 Jul 2019 19:44

Tgt Ion:146 Resp: 271316
Ion Ratio Lower Upper
146 100
111 40.0 19.2 57.6
148 64.2 32.0 96.0





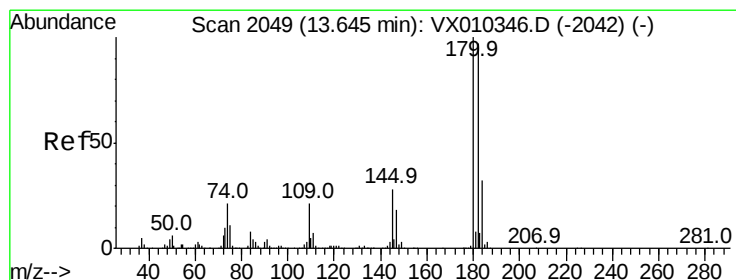
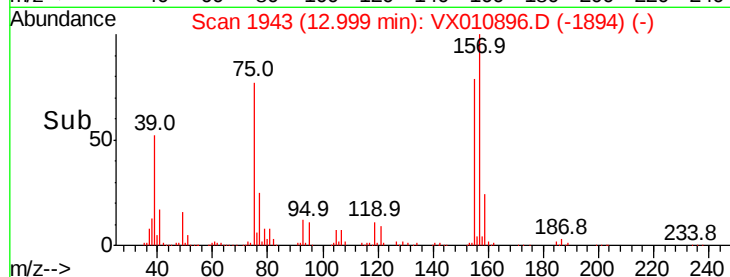
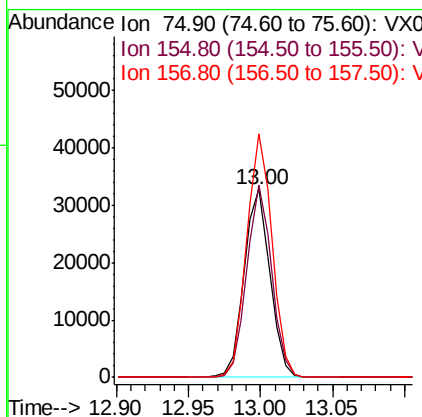
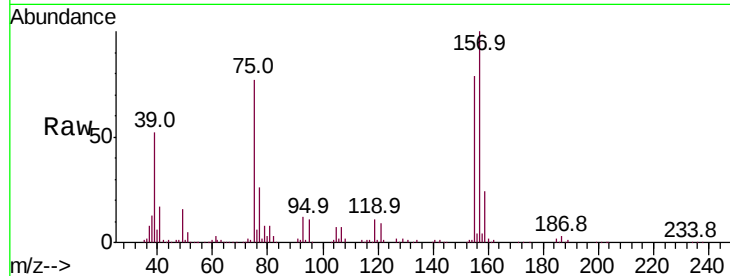
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.477 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

Tot Ion: 75 Resp: 40522
 Ion Ratio Lower Upper
 75 100
 155 98.3 54.4 163.1
 157 127.1 69.5 208.3

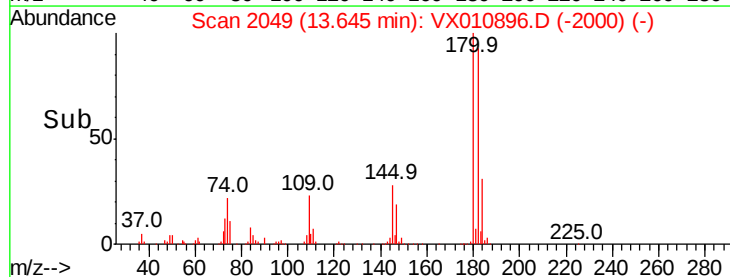
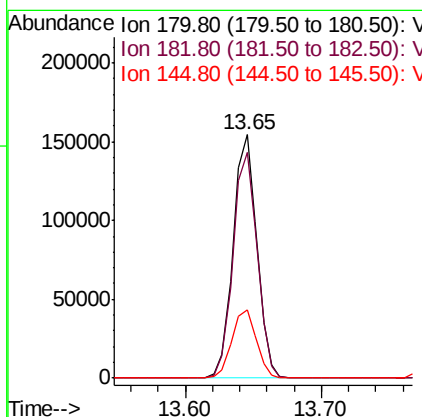
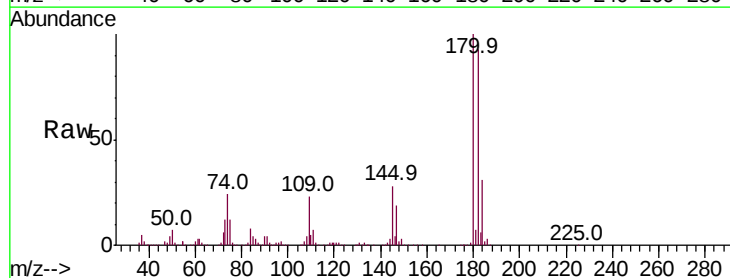
Manual Integrations
 APPROVED

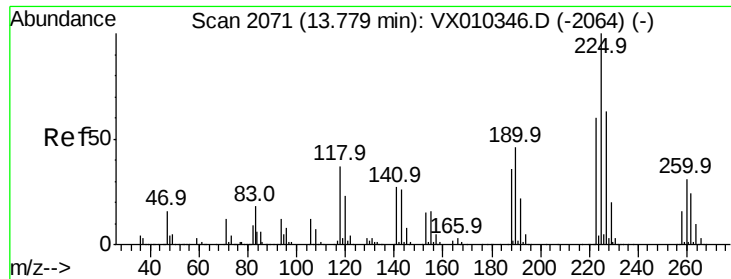
MMDadoda
 7/16/2019 10:48:01 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 42.646 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Tgt Ion:180 Resp: 187009
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.0 144.0
 145 29.1 14.4 43.4





#94

Hexachlorobutadiene

Concen: 41.119 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Instrument :

MSVOA_X

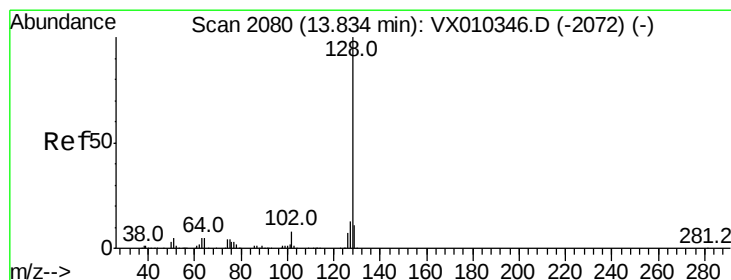
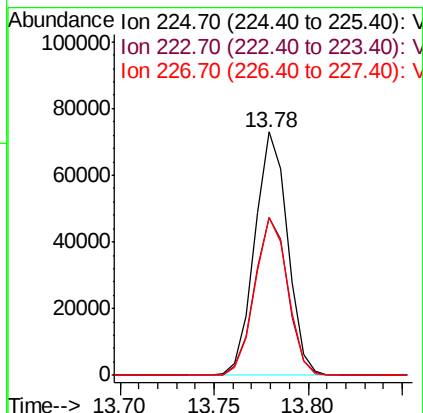
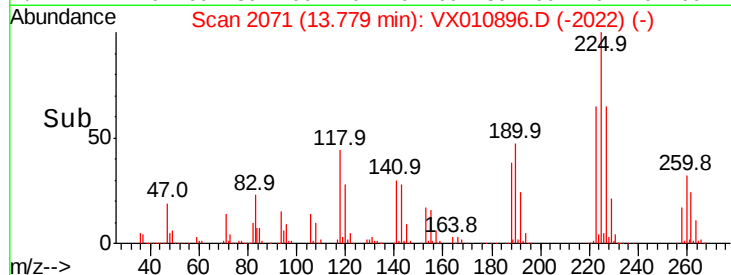
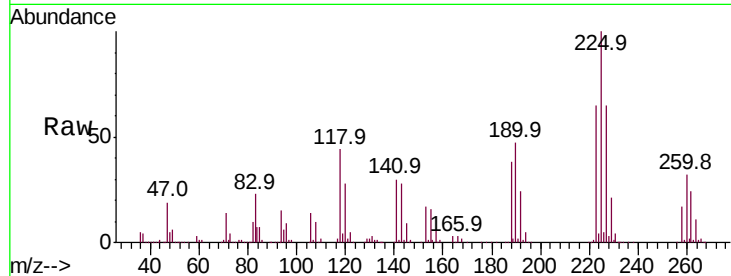
ClientSampleId :

FL-0600MSD

Tot Ion:	225	Resp:	88125
Ion Ratio		Lower	Upper
225	100		
223	65.5	30.9	92.7
227	64.9	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
7/16/2019 10:48:01 AM



#95

Naphthalene

Concen: 42.555 ug/l

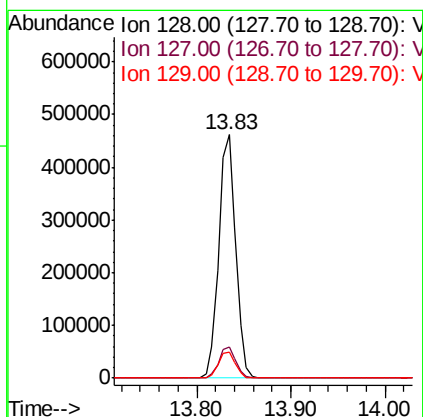
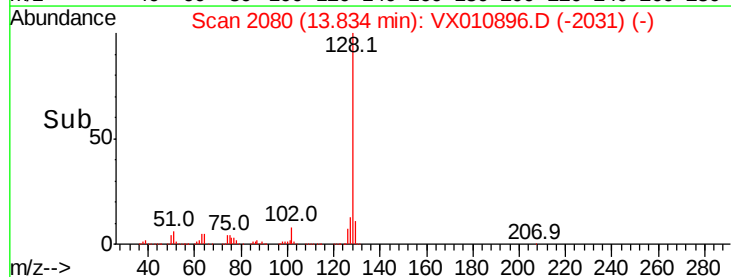
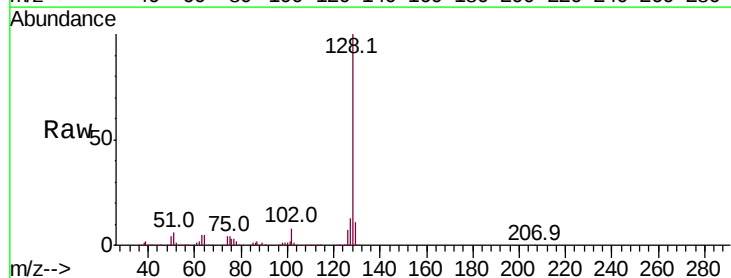
RT: 13.83 min Scan# 2080

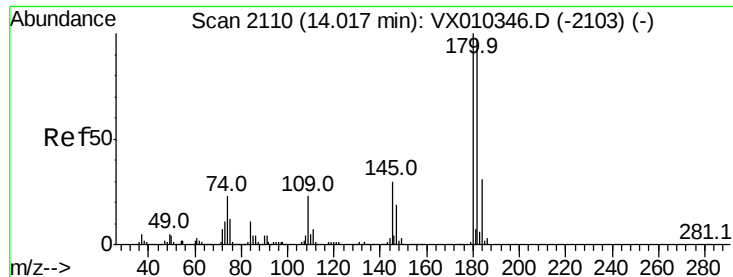
Delta R.T. -0.00 min

Lab File: VX010896.D

Acq: 15 Jul 2019 19:44

Tgt Ion:	128	Resp:	573457
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.8	8.9	13.3





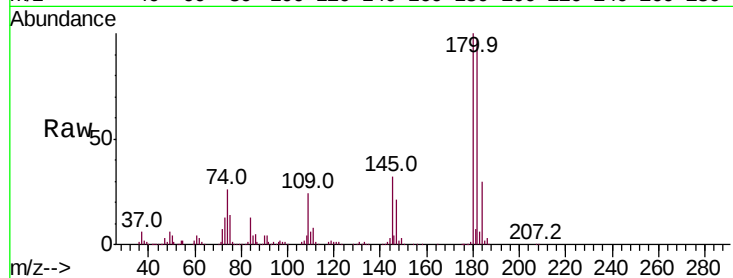
#96
 1,2,3-Trichlorobenzene
 Concen: 43.217 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX010896.D
 Acq: 15 Jul 2019 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	47.8	143.3	
145	30.8	15.2	45.6	

Manual Integrations
 APPROVED

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 7/16/2019 10:48:01 AM



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

