

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071519\
 Data File : VX010895.D
 Acq On : 15 Jul 2019 19:21
 Operator : JC/SP
 Sample : K3791-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MS

Manual Integrations
 APPROVED

MMDadoda
 7/16/2019 10:47:57 AM

Quant Time: Jul 16 03:58:09 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	262219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	399226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	367393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193349	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113741	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
35) Dibromofluoromethane	5.49	113	106953	43.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.58%	
50) Toluene-d8	8.71	98	383304	41.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.04%	
62) 4-Bromofluorobenzene	11.13	95	149739	44.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	85174	46.721	ug/l	99
3) Chloromethane	1.32	50	90872	42.808	ug/l	98
4) Vinyl Chloride	1.41	62	98650	42.428	ug/l	99
5) Bromomethane	1.64	94	49634	43.817	ug/l	98
6) Chloroethane	1.71	64	62025	45.215	ug/l	95
7) Trichlorofluoromethane	1.92	101	173876	47.174	ug/l	100
8) Diethyl Ether	2.19	74	61508	46.534	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	99694	44.633	ug/l	99
10) Methyl Iodide	2.51	142	132692	41.626	ug/l	96
11) Tert butyl alcohol	3.05	59	134276	208.722	ug/l	99
12) 1,1-Dichloroethene	2.37	96	99018	43.565	ug/l	98
13) Acrolein	2.29	56	107460	251.801	ug/l	98
14) Allyl chloride	2.73	41	149037	46.187	ug/l	97
15) Acrylonitrile	3.14	53	299179	234.887	ug/l	99
16) Acetone	2.45	43	243087	197.286	ug/l	96
17) Carbon Disulfide	2.57	76	232940	38.201	ug/l	99
18) Methyl Acetate	2.78	43	107204	43.654	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	337323	47.177	ug/l	99
20) Methylene Chloride	2.85	84	115734	45.642	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	107564	44.003	ug/l	98
22) Diisopropyl ether	3.85	45	318751	47.247	ug/l	94
23) Vinyl Acetate	3.81	43	1295195	222.227	ug/l	98
24) 1,1-Dichloroethane	3.70	63	183141	46.963	ug/l	98
25) 2-Butanone	4.67	43	401305	222.032	ug/l	100
26) 2,2-Dichloropropane	4.58	77	130215	38.438	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	126021	44.612	ug/l	98
28) Bromochloromethane	5.01	49	79426	42.598	ug/l	92
29) Tetrahydrofuran	5.13	42	261161	233.278	ug/l	99
30) Chloroform	5.21	83	197511	47.072	ug/l	98
31) Cyclohexane	5.57	56	157201	44.266	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	172096	46.450	ug/l	99
36) 1,1-Dichloropropene	5.80	75	140022	44.137	ug/l	98
37) Ethyl Acetate	4.83	43	141935	43.489	ug/l	98
38) Carbon Tetrachloride	5.78	117	150074	43.685	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	171296	41.077	ug/l	97
40) Benzene	6.14	78	434967	44.008	ug/l	100
41) Methacrylonitrile	5.04	41	84992	47.462	ug/l	98
42) 1,2-Dichloroethane	6.19	62	150943	50.170	ug/l	96
43) Isopropyl Acetate	6.45	43	242139	44.843	ug/l	97
44) Trichloroethene	7.21	130	126468	42.762	ug/l	98
45) 1,2-Dichloropropane	7.51	63	113086	45.308	ug/l	99
46) Dibromomethane	7.66	93	81186	45.336	ug/l	96
47) Bromodichloromethane	7.90	83	149596	45.584	ug/l	98
48) Methyl methacrylate	7.77	41	122295	48.725	ug/l	97
49) 1,4-Dioxane	7.74	88	64731	895.272	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	834049	241.510	ug/l	98
52) Toluene	8.78	92	285666	43.889	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	158440	43.062	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	171648	42.929	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	122911	45.788	ug/l	99
56) Ethyl methacrylate	9.18	69	187528	46.116	ug/l	94
57) 1,3-Dichloropropane	9.37	76	192369	46.165	ug/l	100
59) 2-Hexanone	9.49	43	638448	234.896	ug/l	98
60) Dibromochloromethane	9.58	129	132855	44.202	ug/l	100
61) 1,2-Dibromoethane	9.67	107	129204	44.592	ug/l	100
64) Tetrachloroethene	9.34	164	117152	39.424	ug/l	98
65) Chlorobenzene	10.13	112	325066	43.582	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	121541	44.736	ug/l	99
67) Ethyl Benzene	10.25	91	563106	44.719	ug/l	98
68) m/p-Xylenes	10.36	106	435122	89.181	ug/l	98
69) o-Xylene	10.69	106	215141	44.838	ug/l	98
70) Styrene	10.71	104	364756	45.330	ug/l	97
71) Bromoform	10.85	173	101819	43.095	ug/l	99
73) Isopropylbenzene	11.02	105	566669	43.235	ug/l	99
74) N-amyl acetate	10.90	43	212939	42.989	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	195019	44.929	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	158494m	44.984	ug/l	
77) Bromobenzene	11.26	156	157799	43.117	ug/l	97
78) n-propylbenzene	11.36	91	643027	44.640	ug/l	98
79) 2-Chlorotoluene	11.42	91	380770	44.391	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	484427	44.834	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	55789	36.939	ug/l #	88
82) 4-Chlorotoluene	11.51	91	443912	45.480	ug/l	98
83) tert-Butylbenzene	11.77	119	478502	44.123	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	487258	44.886	ug/l	99
85) sec-Butylbenzene	11.94	105	560150	43.991	ug/l	99
86) p-Isopropyltoluene	12.06	119	520405	44.185	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	275412	43.112	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	277787	42.712	ug/l	99
89) n-Butylbenzene	12.38	91	445311	44.495	ug/l	99
90) Hexachloroethane	12.60	117	83560	41.031	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	272710	42.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41962	44.838	ug/l	86
93) 1,2,4-Trichlorobenzene	13.65	180	185595	42.151	ug/l	98

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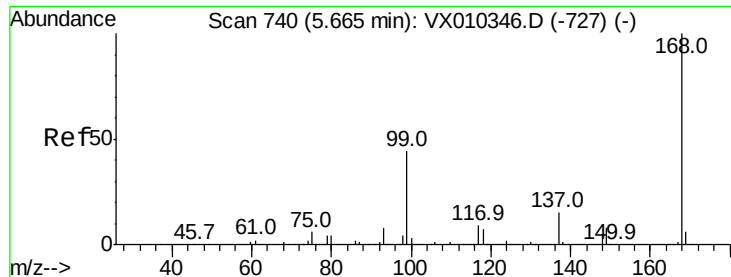
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	88738	41.236	ug/l	99
95) Naphthalene	13.83	128	567124	41.913	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	185265	42.319	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

ClientSampled :

FL-0600MS

Tot Ion:168 Resp: 262219

Ion Ratio Lower Upper

168 100

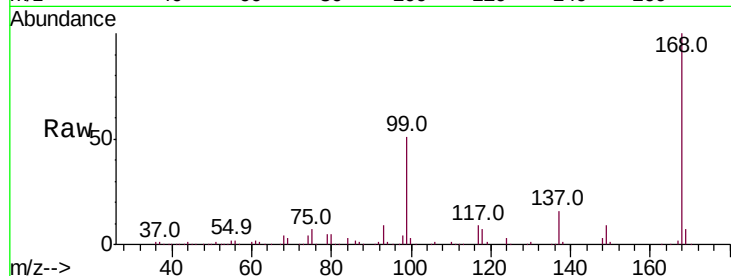
99 50.8 35.5 53.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

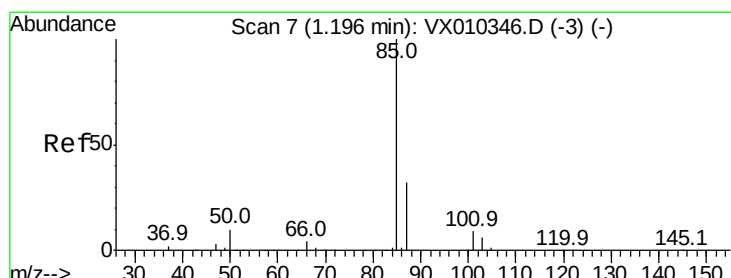
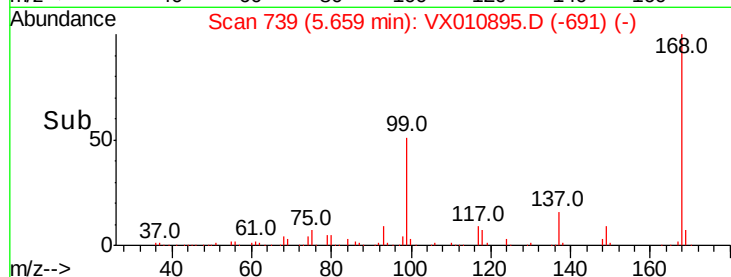
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.721 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010895.D

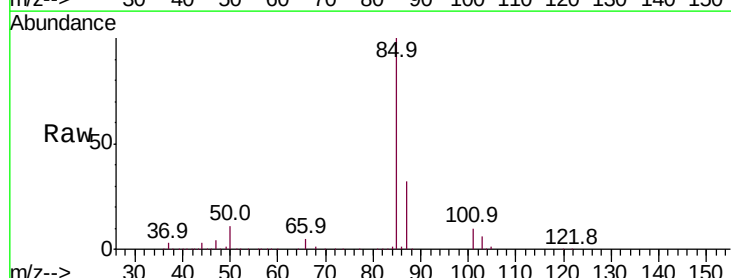
Acq: 15 Jul 2019 19:21

Tgt Ion: 85 Resp: 85174

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

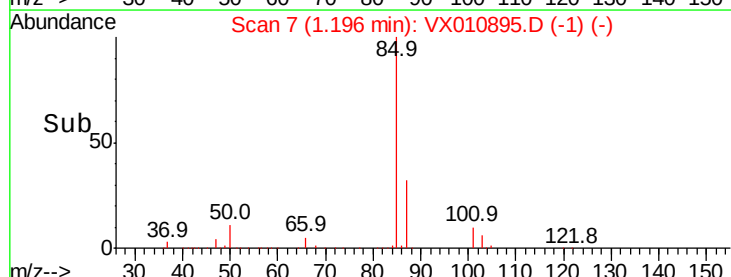
40000

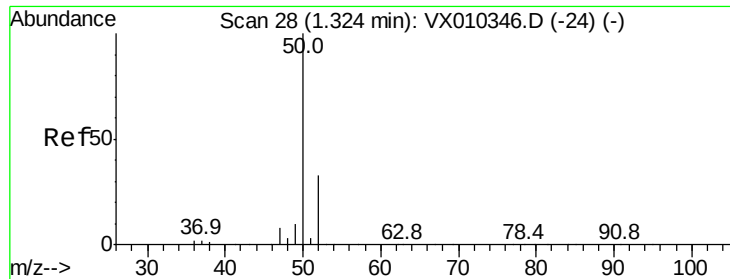
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 42.808 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MS

Tot Ion: 50 Resp: 90872

Ion Ratio Lower Upper

50 100

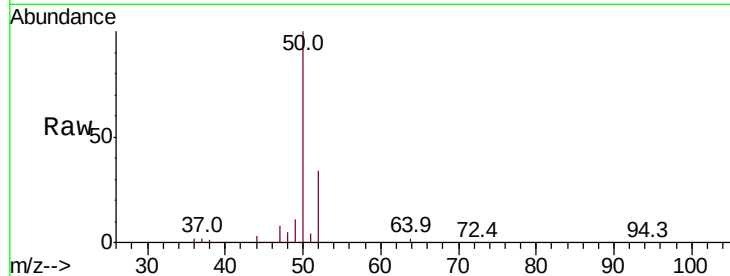
52 34.2 26.5 39.7

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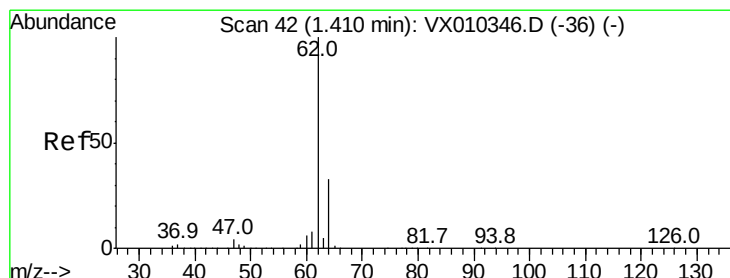
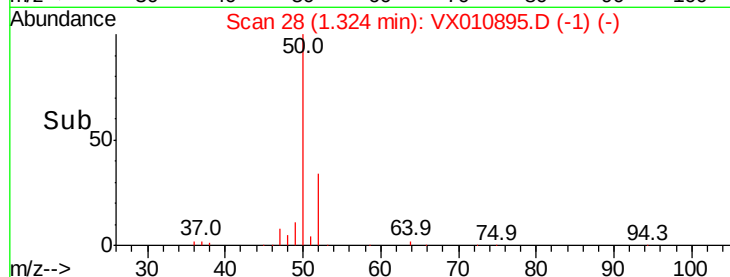
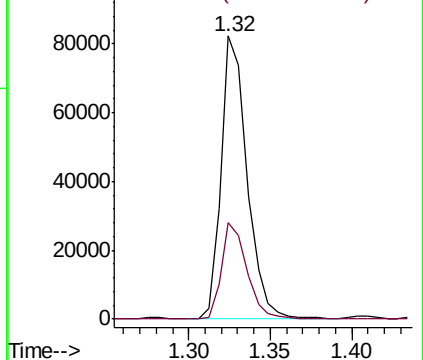
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.428 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010895.D

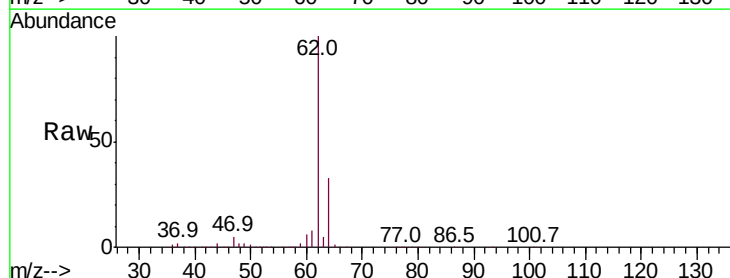
Acq: 15 Jul 2019 19:21

Tgt Ion: 62 Resp: 98650

Ion Ratio Lower Upper

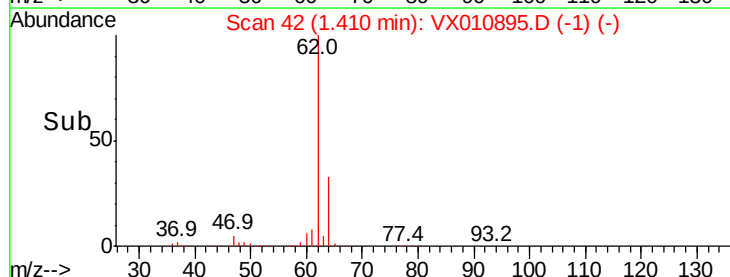
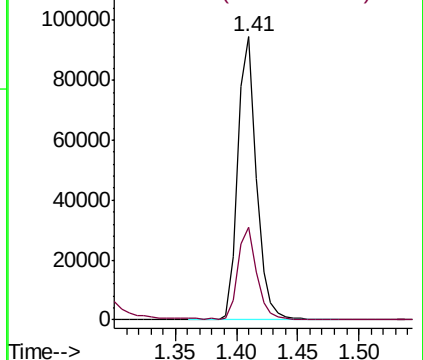
62 100

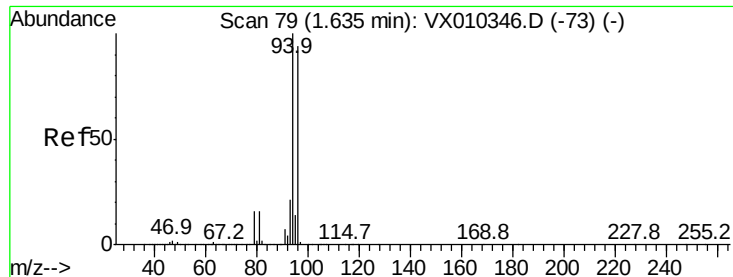
64 32.4 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.817 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MS

Tot Ion: 94 Resp: 49634

Ion Ratio Lower Upper

94 100

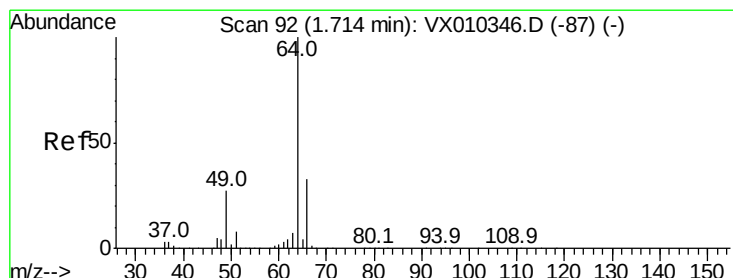
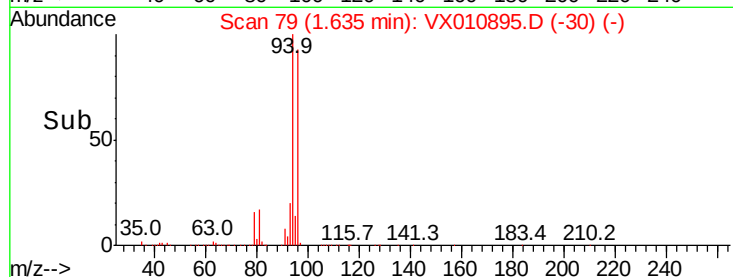
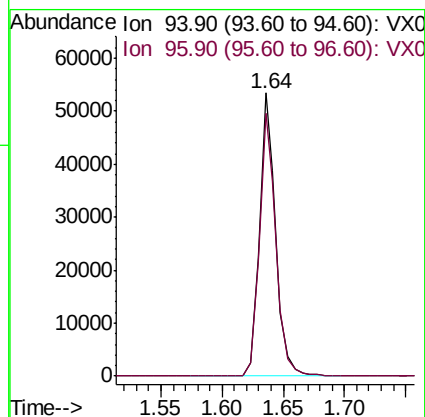
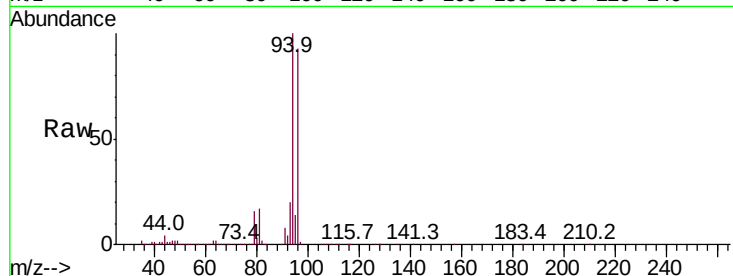
96 92.8 75.5 113.3

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#6

Chloroethane

Concen: 45.215 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010895.D

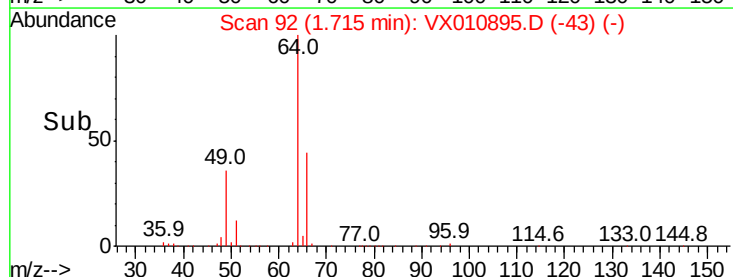
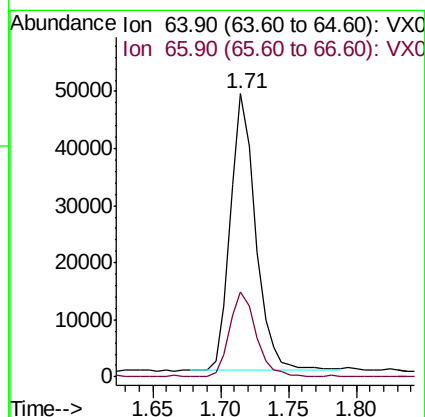
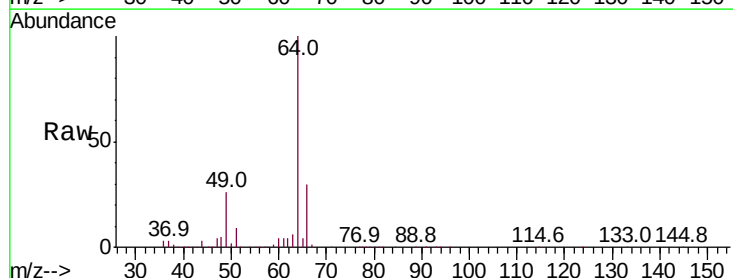
Acq: 15 Jul 2019 19:21

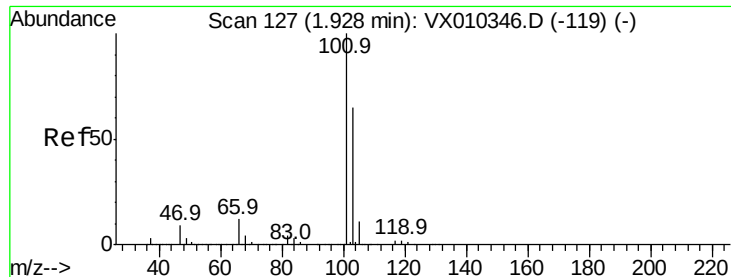
Tgt Ion: 64 Resp: 62025

Ion Ratio Lower Upper

64 100

66 30.3 26.6 40.0





#7

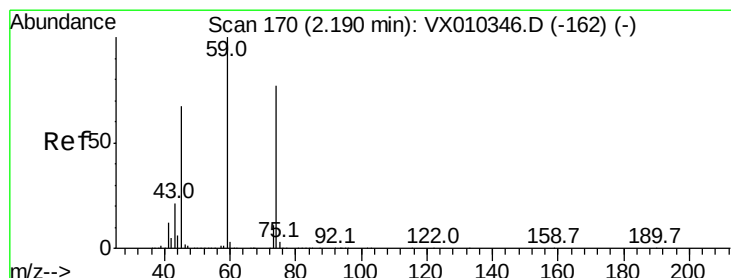
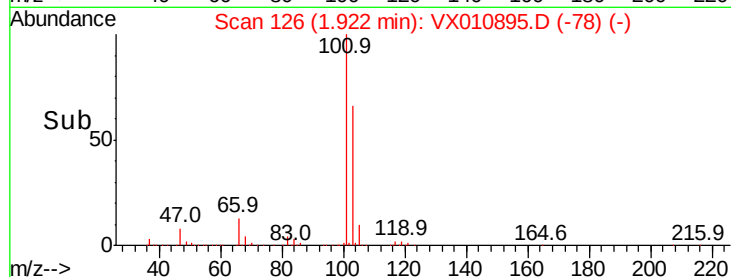
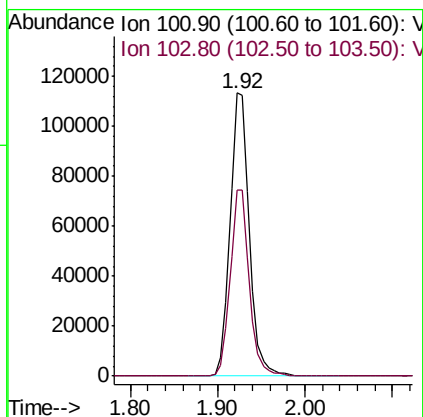
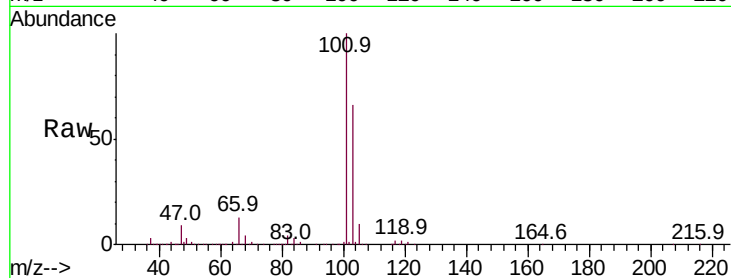
Trichlorofluoromethane
Concen: 47.174 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MS

Tot Ion:101 Resp: 173876
Ion Ratio Lower Upper
101 100
103 65.7 52.3 78.5

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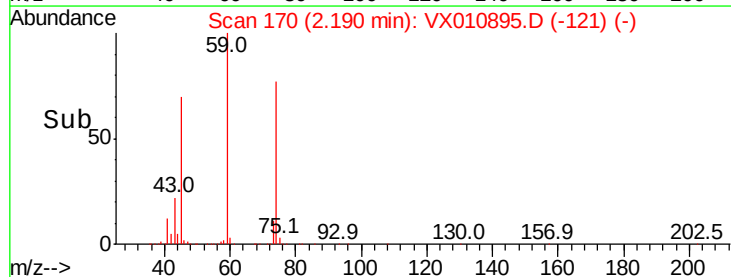
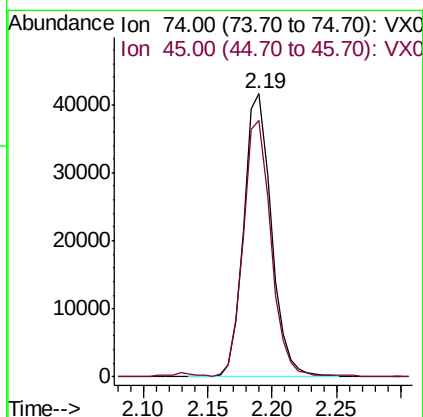
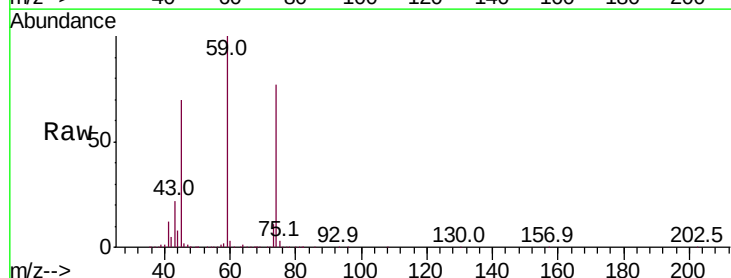
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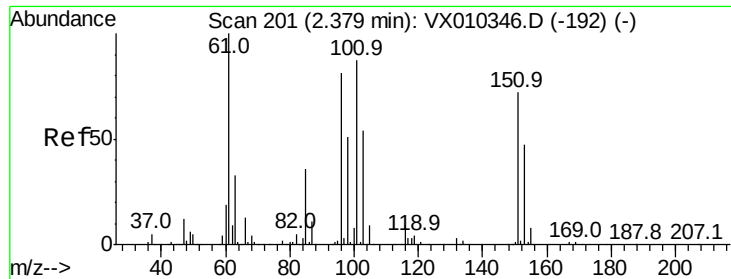


#8

Diethyl Ether
Concen: 46.534 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Tgt Ion: 74 Resp: 61508
Ion Ratio Lower Upper
74 100
45 91.2 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.633 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

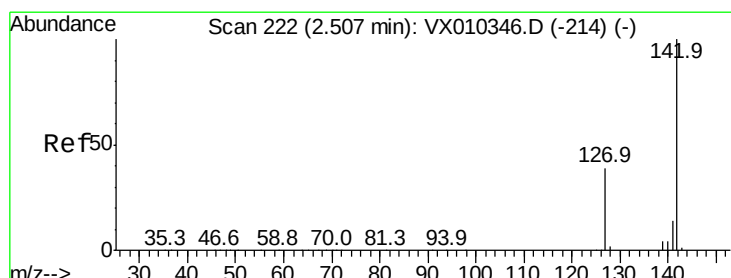
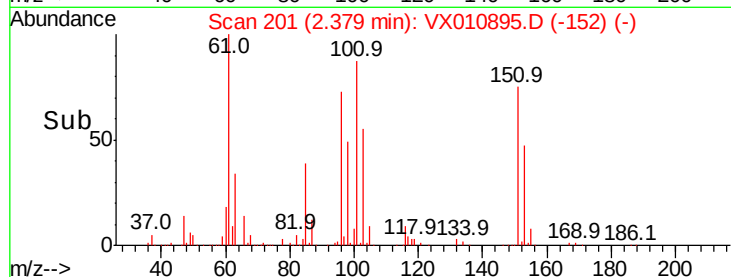
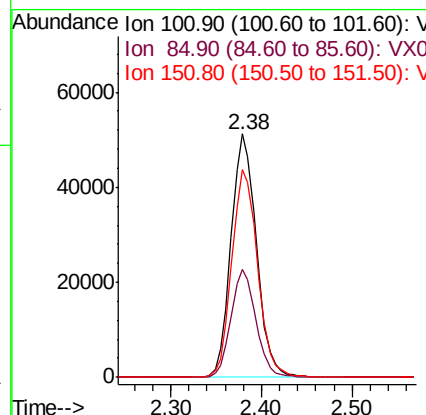
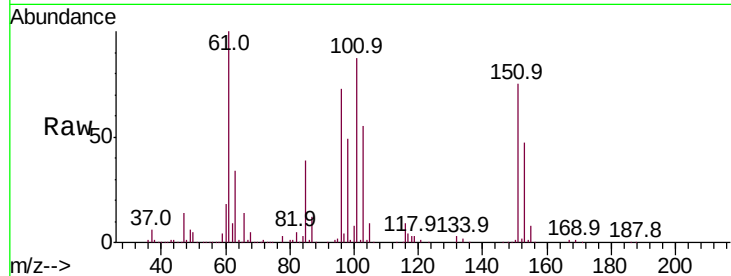
ClientSampleId :

FL-0600MS

Tot Ion:	101	Resp:	99694
Ion Ratio	Lower	Upper	
101	100		
85	43.6	33.7	50.5
151	86.7	70.1	105.1

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#10

Methyl Iodide

Concen: 41.626 ug/l

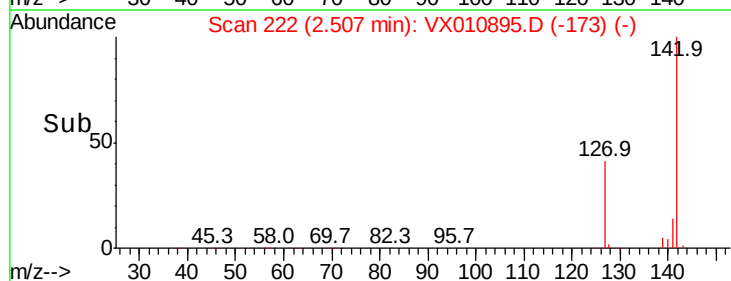
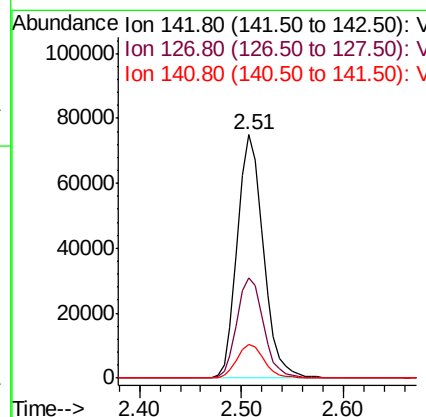
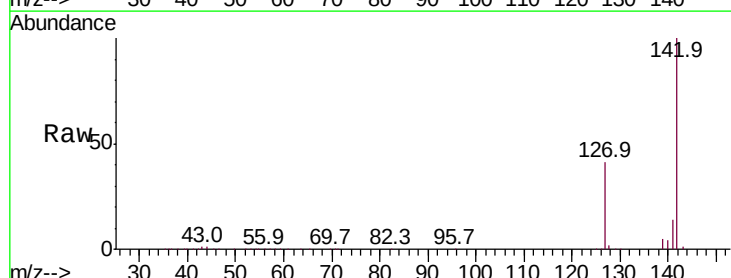
RT: 2.51 min Scan# 222

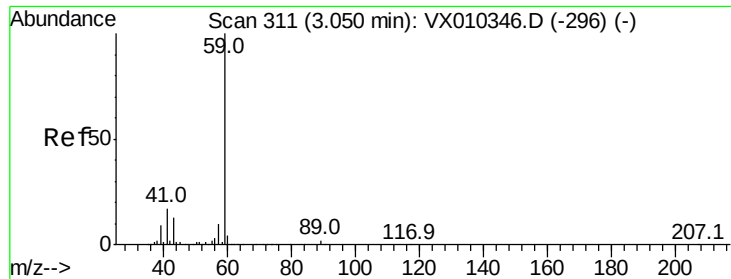
Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Tgt Ion:	142	Resp:	132692
Ion Ratio	Lower	Upper	
142	100		
127	42.1	31.1	46.7
141	14.4	11.2	16.8





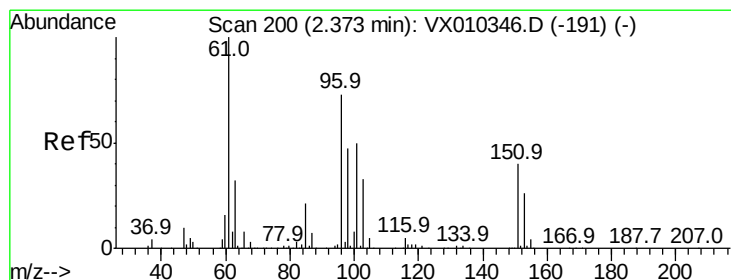
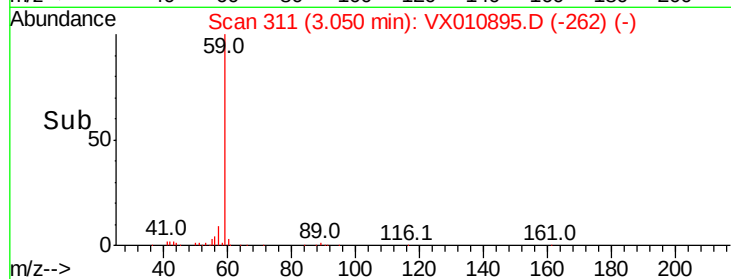
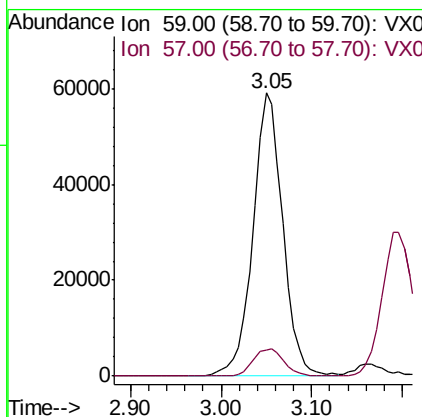
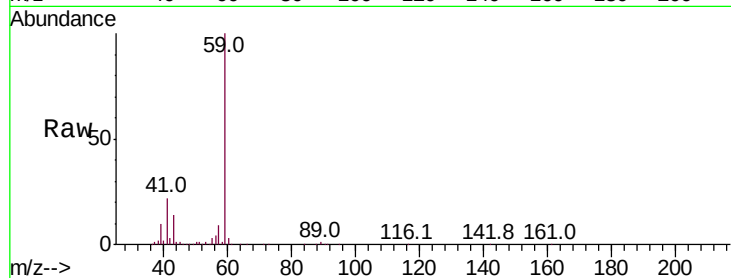
#11
Tert butyl alcohol
Concen: 208.722 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MS

Tot Ion: 59 Resp: 134276
Ion Ratio Lower Upper
59 100
57 10.0 7.7 11.5

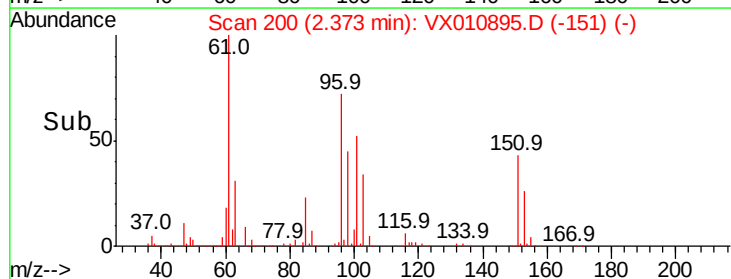
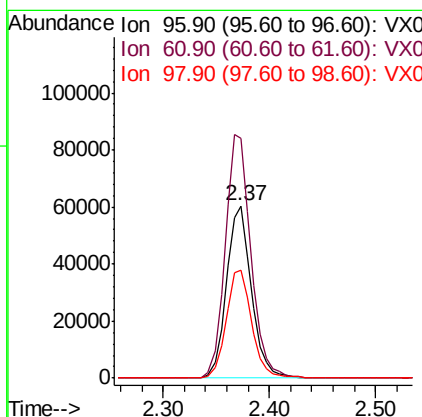
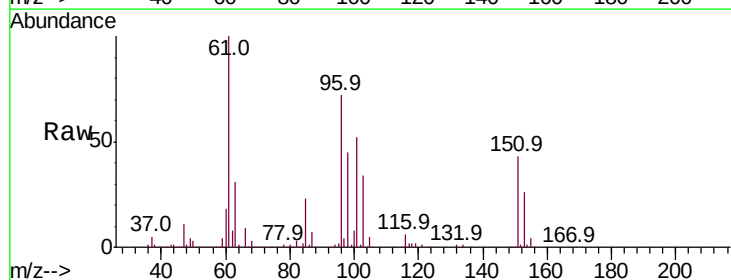
Manual Integrations
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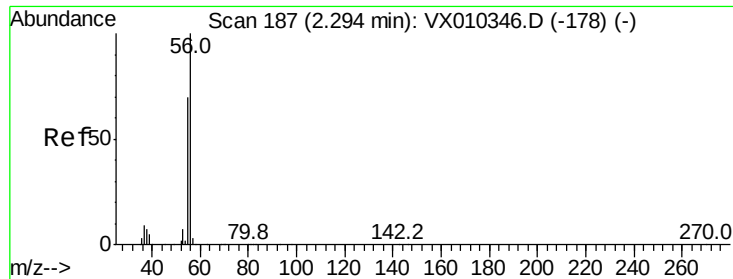
MMDadoda
7/16/2019 10:47:57 AM



#12
1,1-Dichloroethene
Concen: 43.565 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Tgt Ion: 96 Resp: 99018
Ion Ratio Lower Upper
96 100
61 138.9 109.2 163.8
98 62.8 51.1 76.7





#13

Acrolein

Concen: 251.801 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MS

Tot Ion: 56 Resp: 107460

Ion Ratio Lower Upper

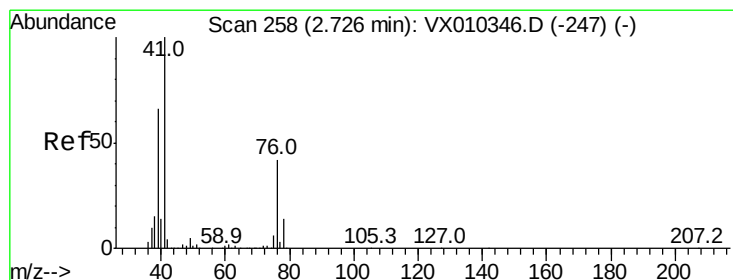
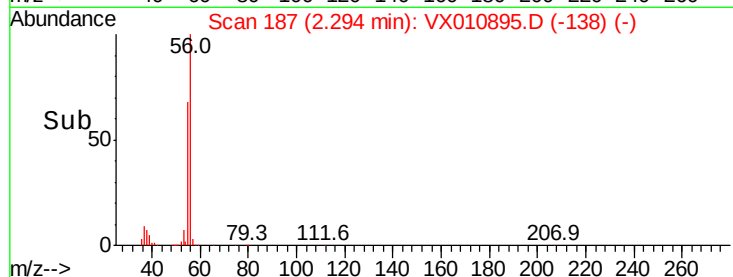
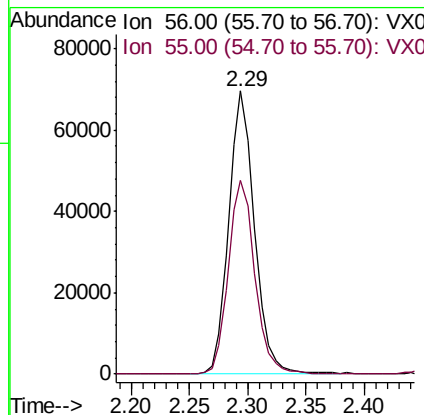
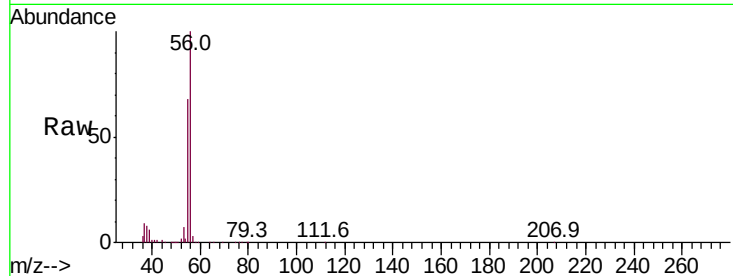
56 100

55 69.8 56.9 85.3

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#14

Allyl chloride

Concen: 46.187 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

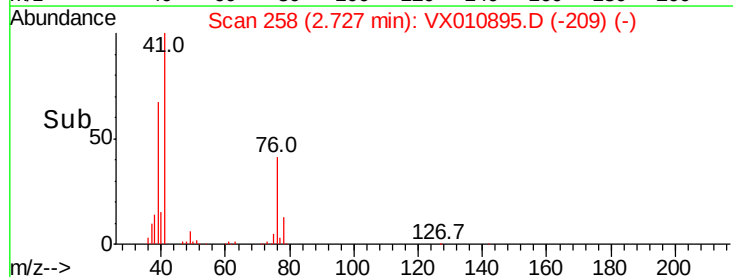
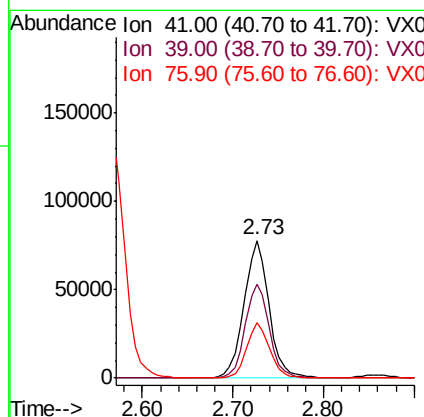
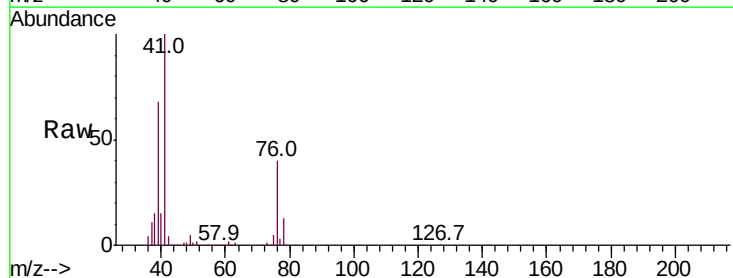
Tgt Ion: 41 Resp: 149037

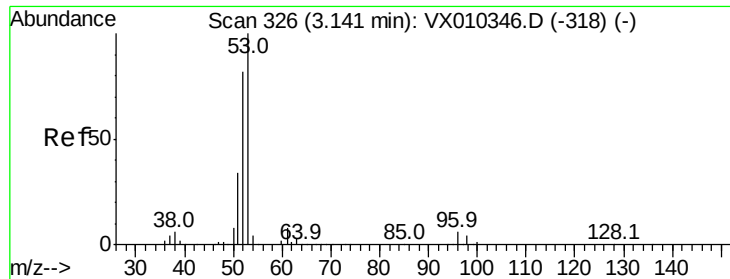
Ion Ratio Lower Upper

41 100

39 64.9 50.3 75.5

76 36.5 31.3 46.9





#15

Acrylonitrile

Concen: 234.887 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

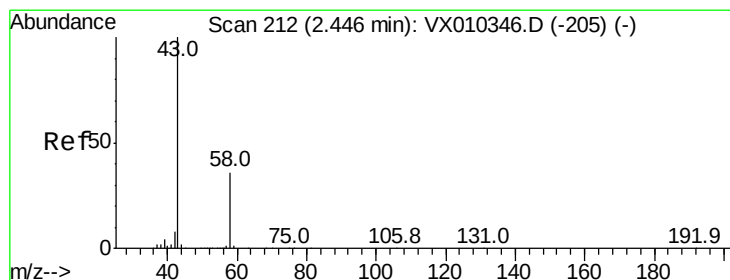
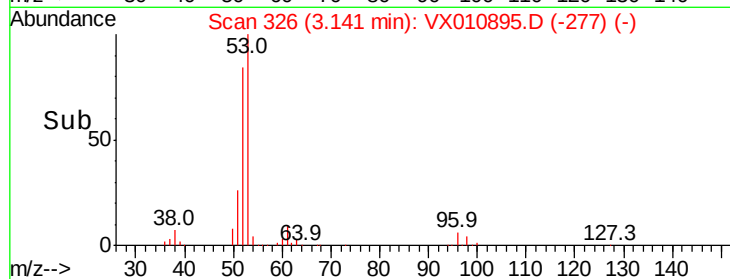
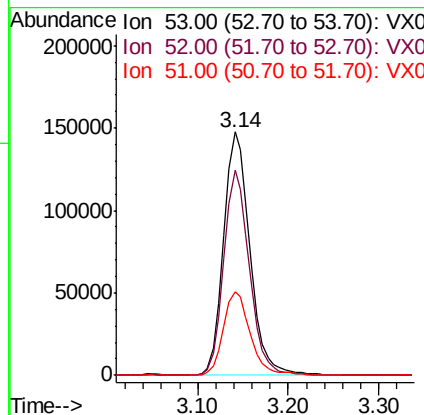
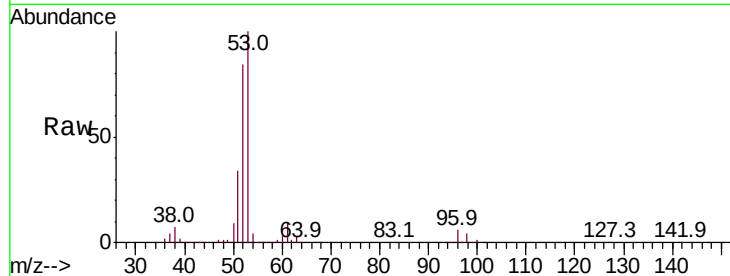
ClientSampleId :

FL-0600MS

Tot Ion:	53	Resp:	299179
Ion Ratio	Lower	Upper	
53	100		
52	82.8	65.5	98.3
51	35.6	28.2	42.4

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#16

Acetone

Concen: 197.286 ug/l

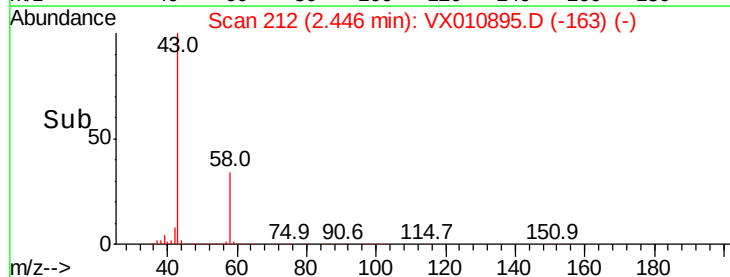
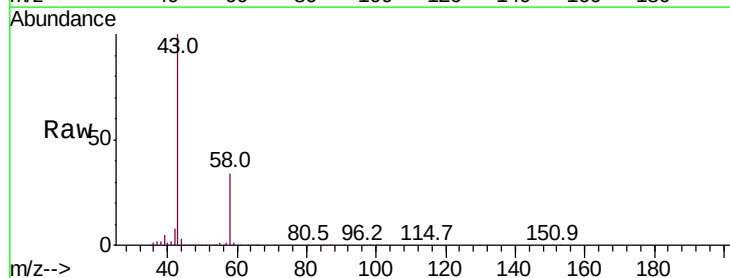
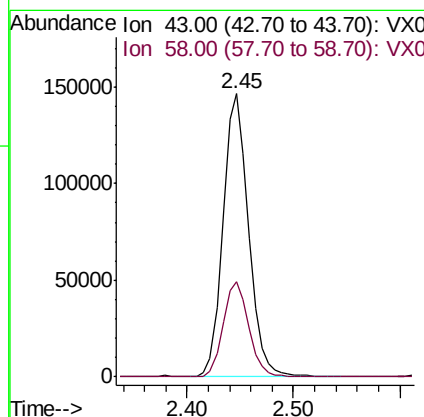
RT: 2.45 min Scan# 212

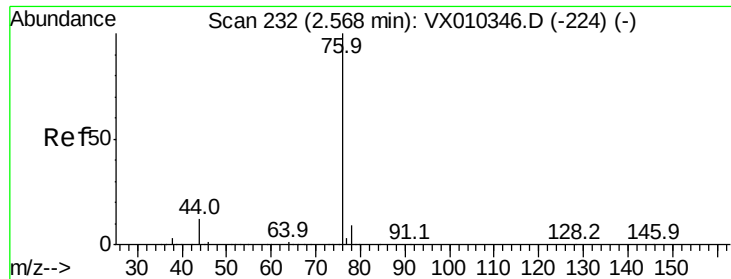
Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Tgt Ion:	43	Resp:	243087
Ion Ratio	Lower	Upper	
43	100		
58	33.6	28.9	43.3





#17

Carbon Disulfide

Concen: 38.201 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

ClientSampled :

FL-0600MS

Tot Ion: 76 Resp: 232940

Ion Ratio Lower Upper

76 100

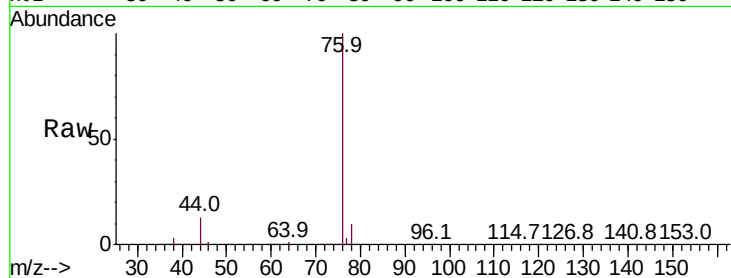
78 9.5 7.3 10.9

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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

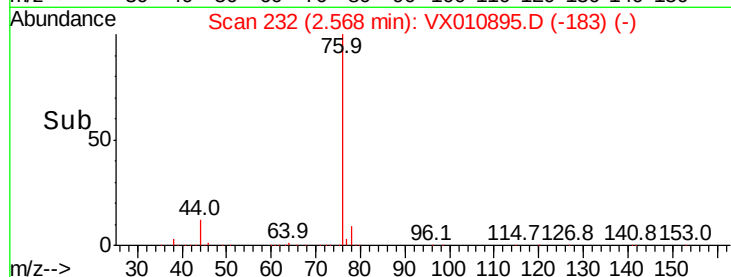
150000

100000

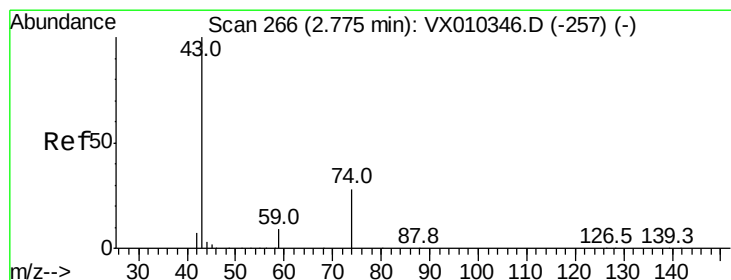
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 43.654 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010895.D

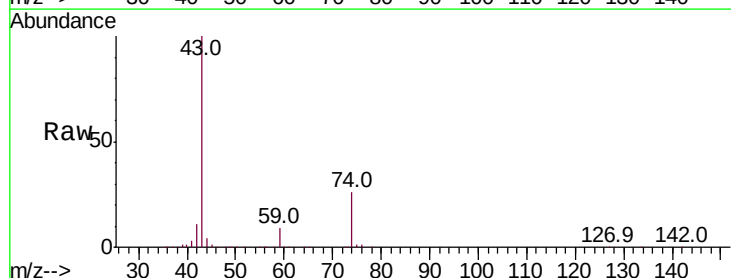
Acq: 15 Jul 2019 19:21

Tgt Ion: 43 Resp: 107204

Ion Ratio Lower Upper

43 100

74 25.8 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

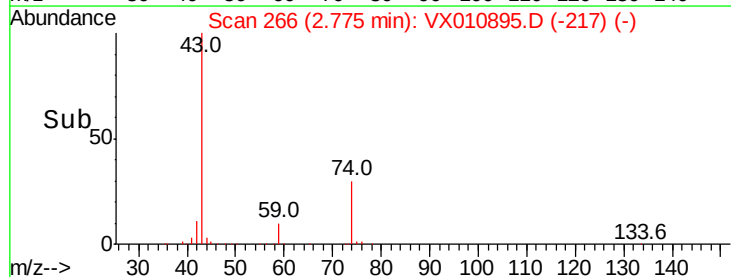
60000

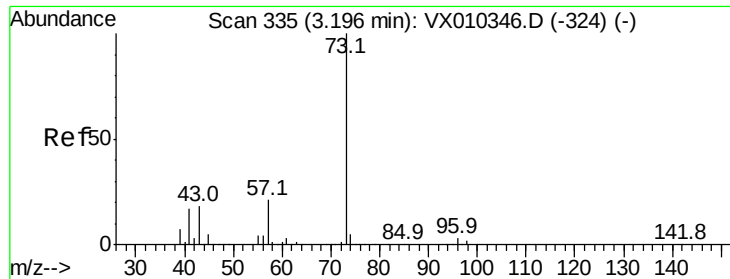
40000

20000

0

Time-->





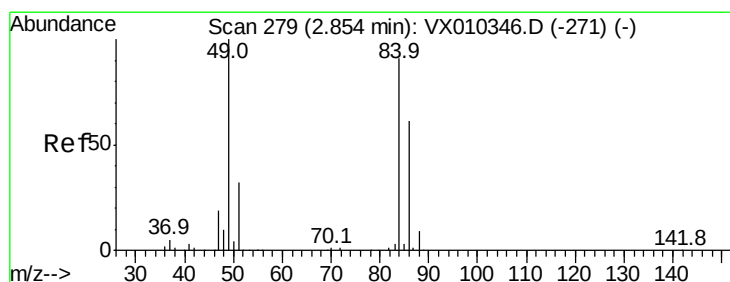
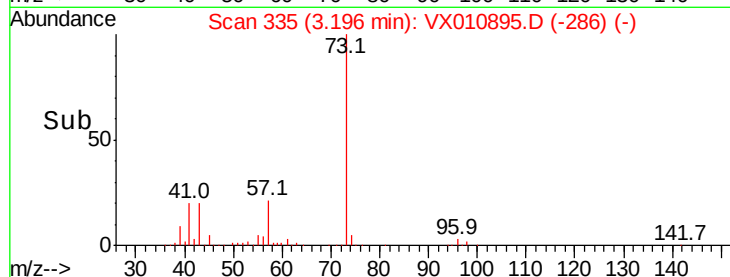
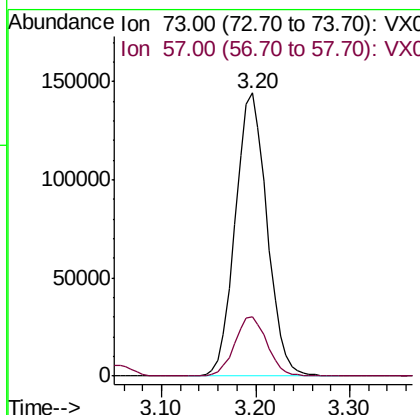
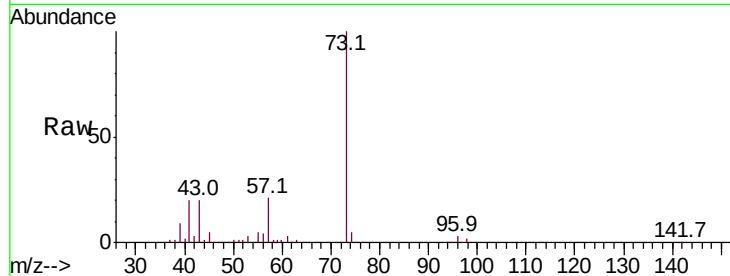
#19
Methyl tert-butyl Ether
Concen: 47.177 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.4	24.6

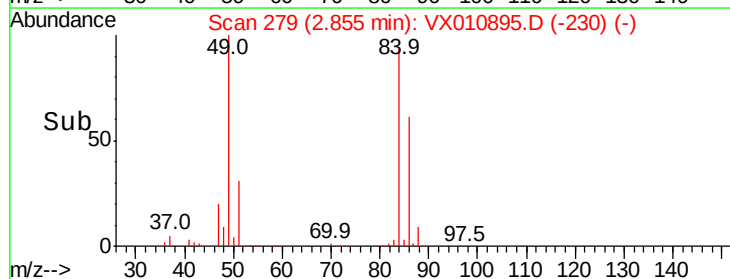
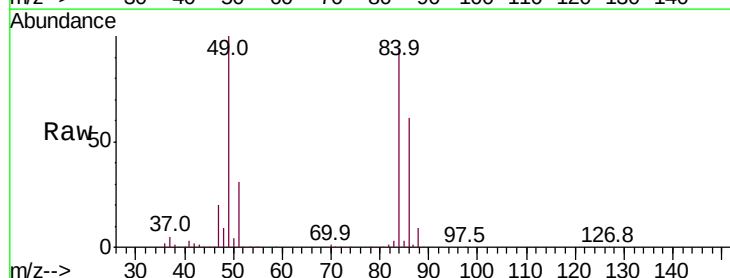
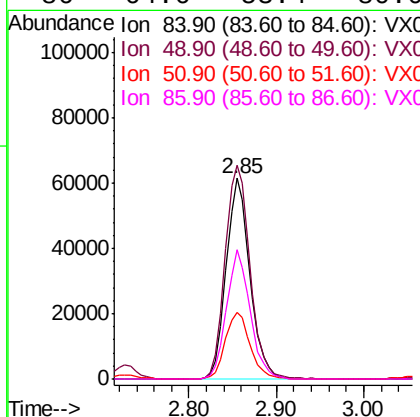
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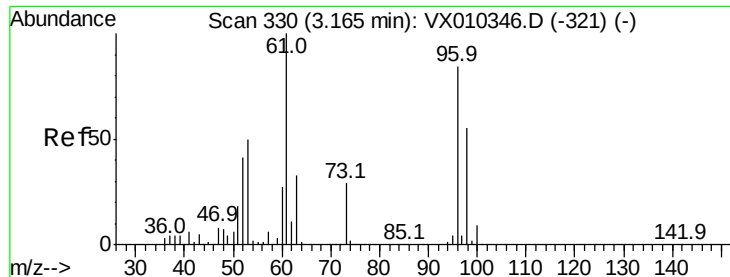
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#20
Methylene Chloride
Concen: 45.642 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.2	87.5	131.3
51	32.9	27.7	41.5
86	64.6	53.4	80.0





#21

trans-1,2-Dichloroethene

Concen: 44.003 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

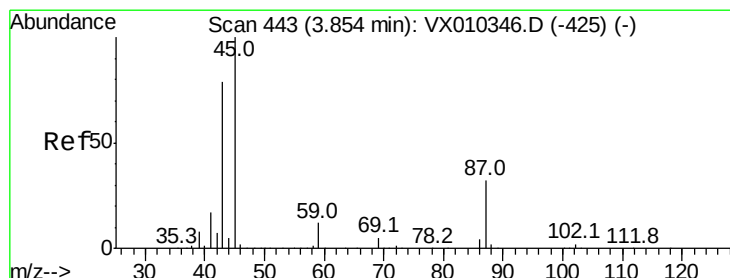
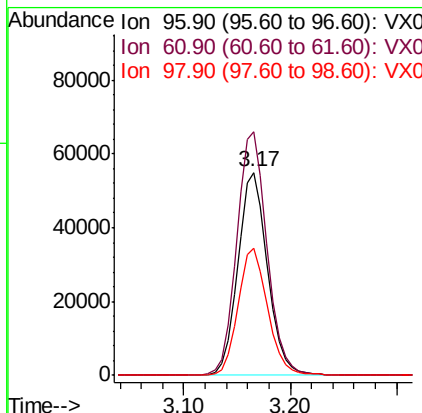
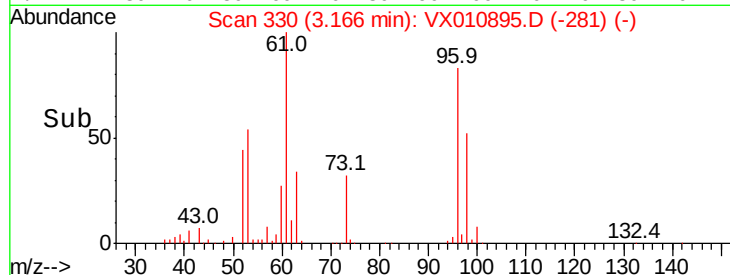
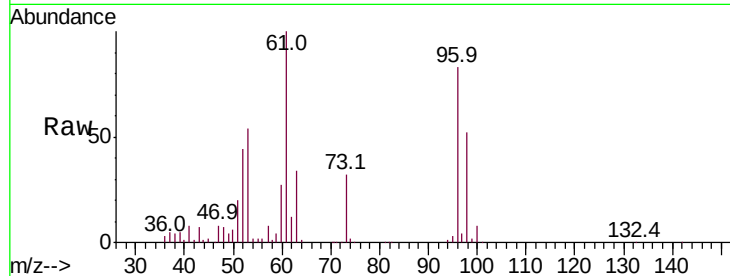
ClientSampleId :

FL-0600MS

Tot Ion:	96	Resp:	107564
Ion	Ratio	Lower	Upper
96	100		
61	120.0	95.6	143.4
98	62.9	52.5	78.7

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#22

Diisopropyl ether

Concen: 47.247 ug/l

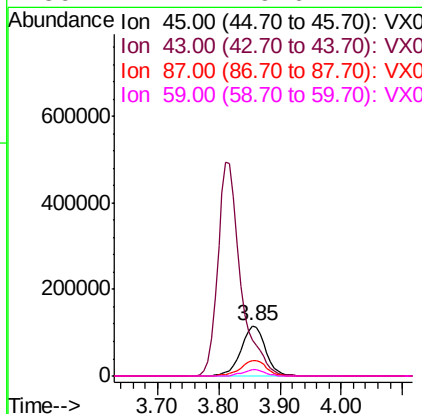
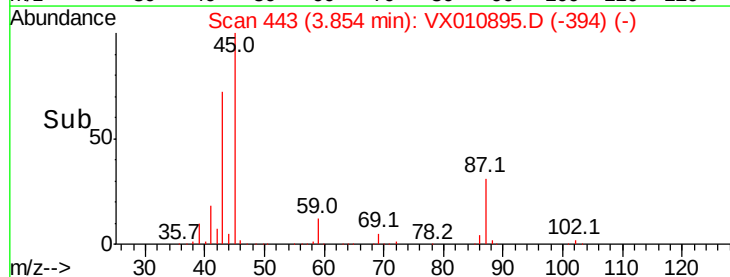
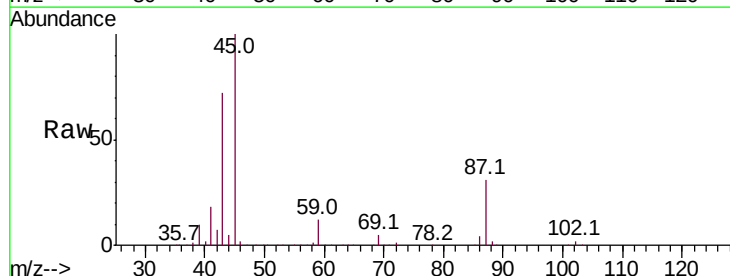
RT: 3.85 min Scan# 443

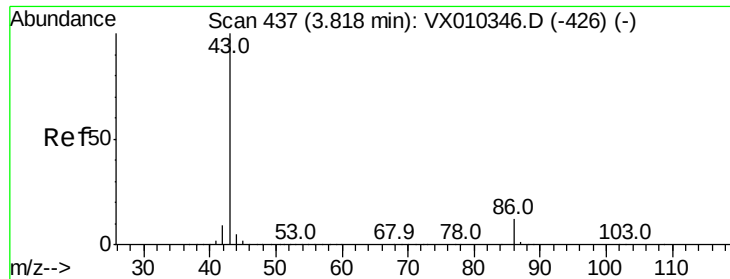
Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Tgt Ion:	45	Resp:	318751
Ion	Ratio	Lower	Upper
45	100		
43	72.1	63.3	94.9
87	30.7	25.8	38.8
59	12.1	9.6	14.4





#23

Vinyl Acetate

Concen: 222.227 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

ClientSampled :

FL-0600MS

Tot Ion: 43 Resp: 1295195

Ion Ratio Lower Upper

43 100

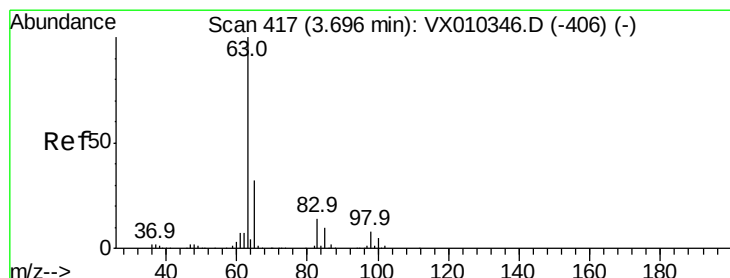
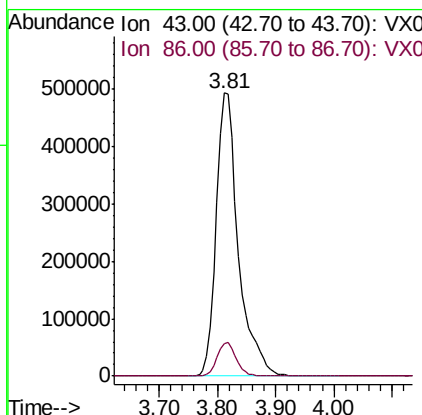
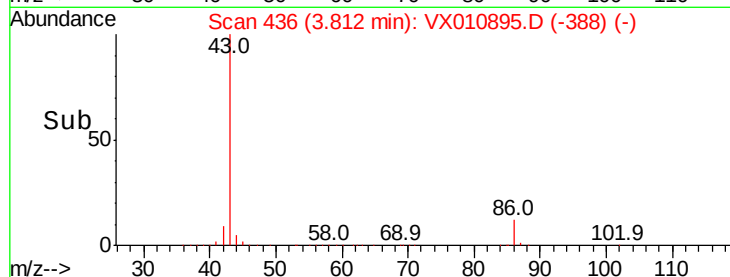
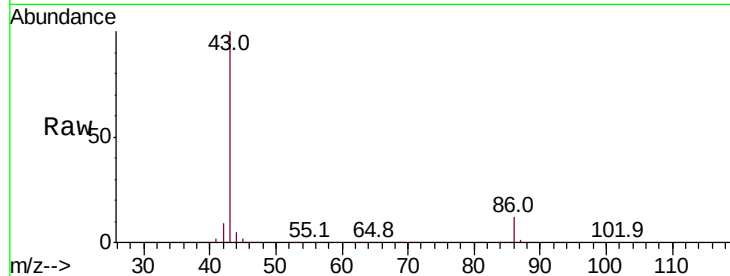
86 11.6 9.9 14.9

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#24

1,1-Dichloroethane

Concen: 46.963 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

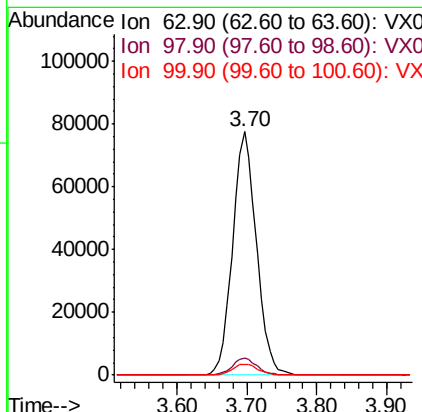
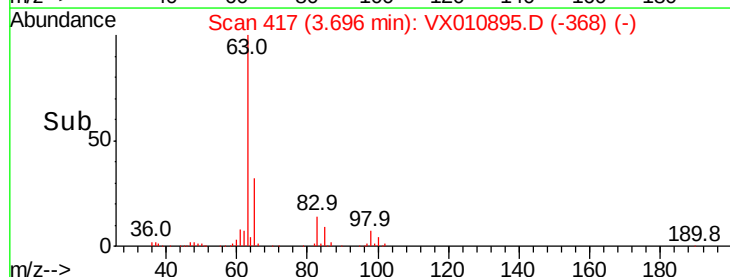
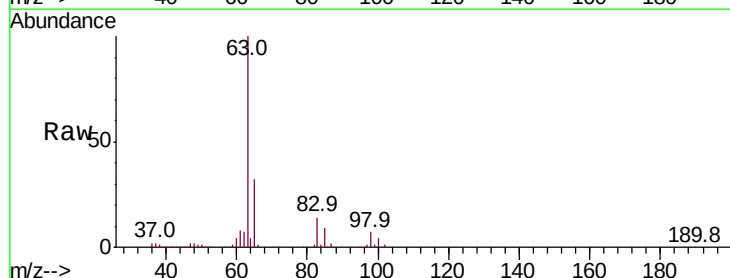
Tgt Ion: 63 Resp: 183141

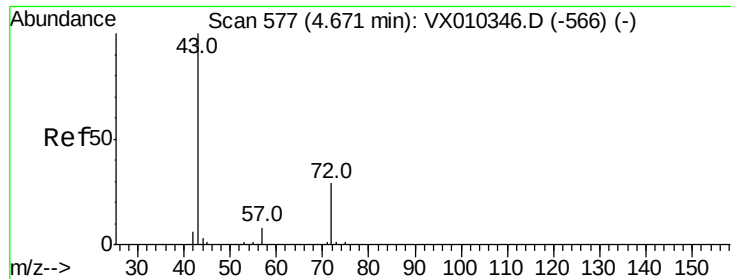
Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.7

100 4.3 2.4 7.1





#25

2-Butanone

Concen: 222.032 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MS

Tot Ion: 43 Resp: 401305

Ion Ratio Lower Upper

43 100

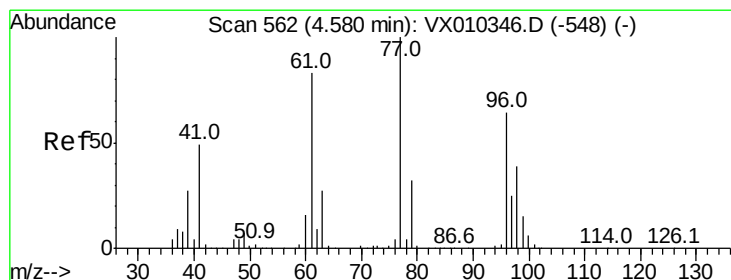
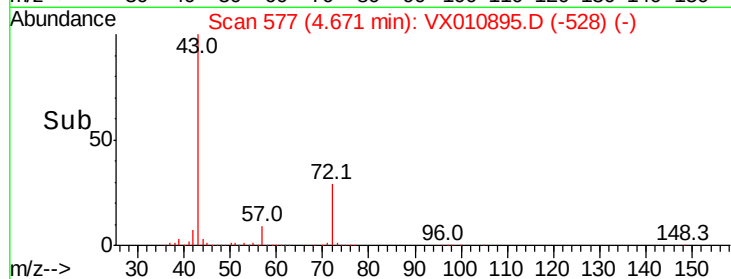
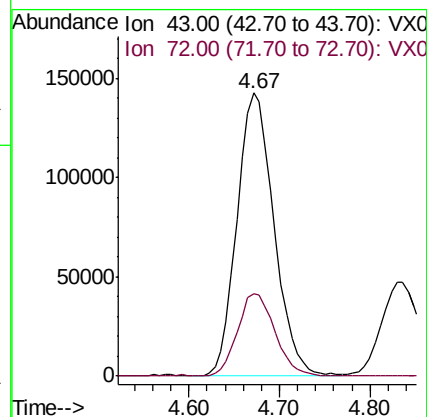
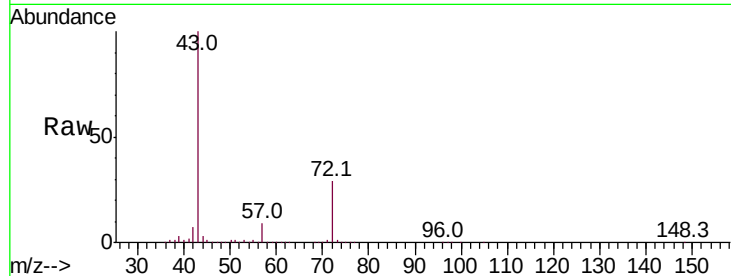
72 29.2 23.3 34.9

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#26

2,2-Dichloropropane

Concen: 38.438 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010895.D

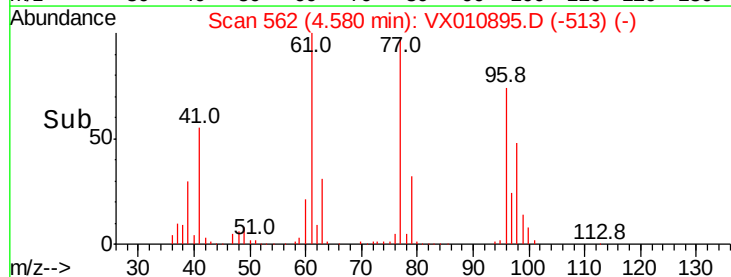
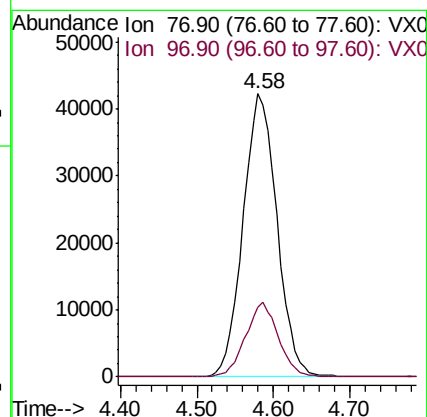
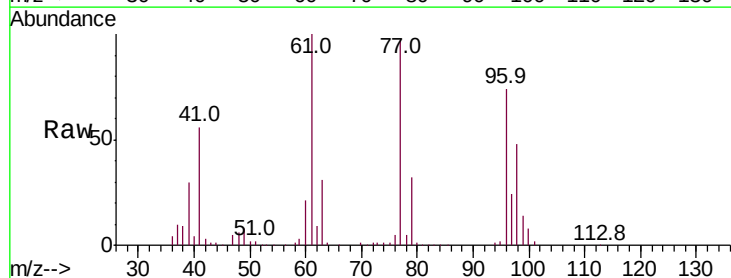
Acq: 15 Jul 2019 19:21

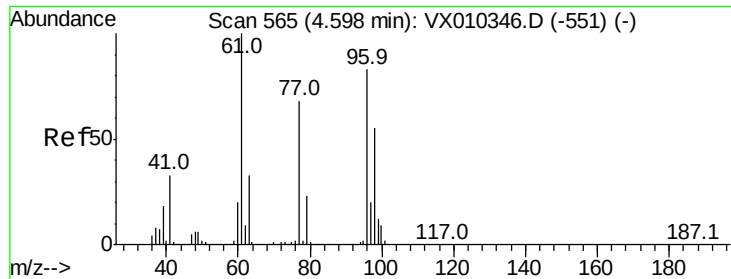
Tgt Ion: 77 Resp: 130215

Ion Ratio Lower Upper

77 100

97 25.5 13.1 39.3





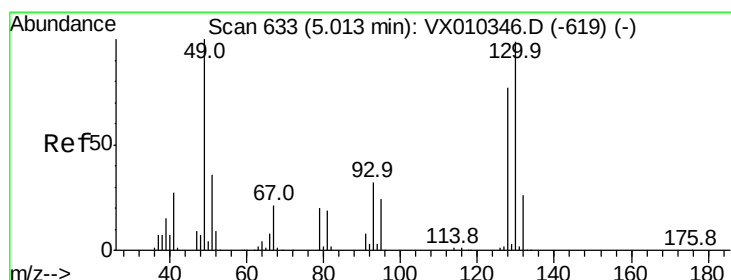
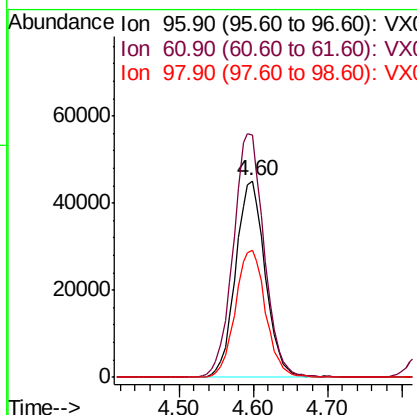
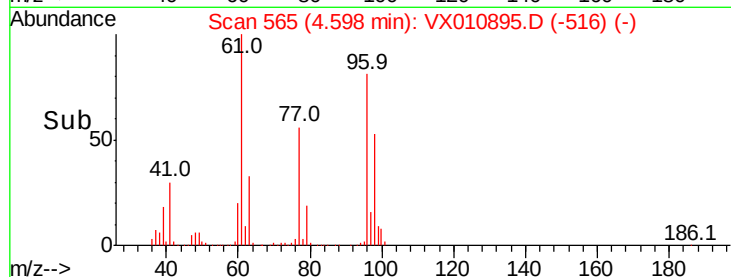
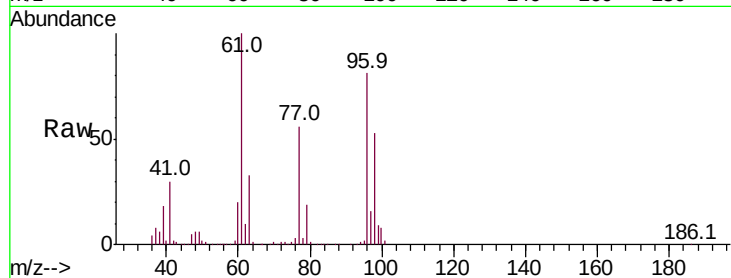
#27
 cis-1,2-Dichloroethene
 Concen: 44.612 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	126021		
61	129.1	0.0	251.8	
98	66.0	0.0	129.4	

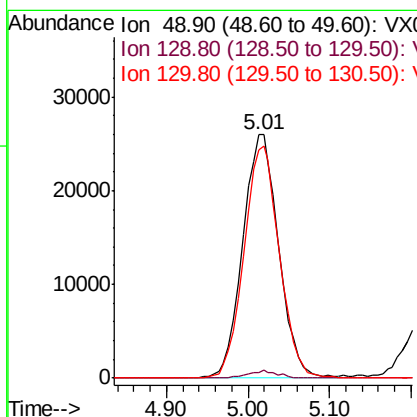
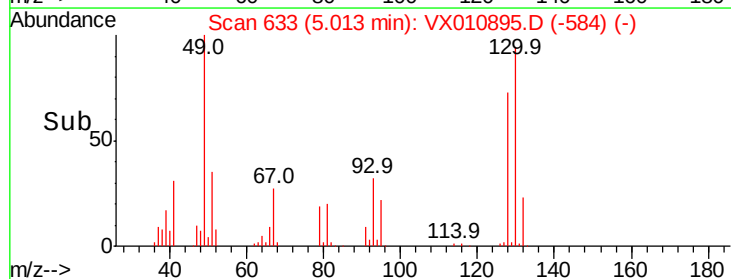
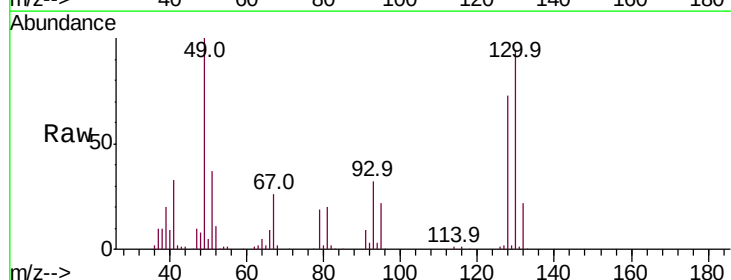
Manual Integrations
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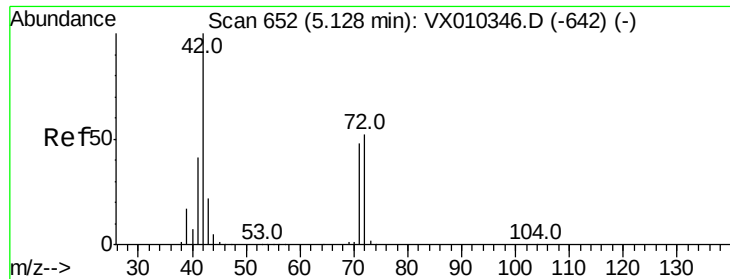
MMDadoda
 7/16/2019 10:47:57 AM



#28
 Bromochloromethane
 Concen: 42.598 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79426		
129	2.6	0.0	5.6	
130	93.8	81.4	122.0	





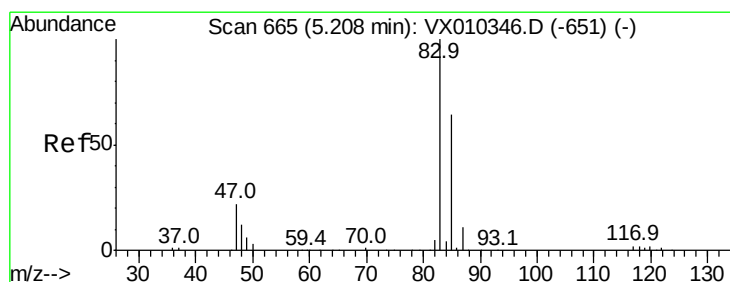
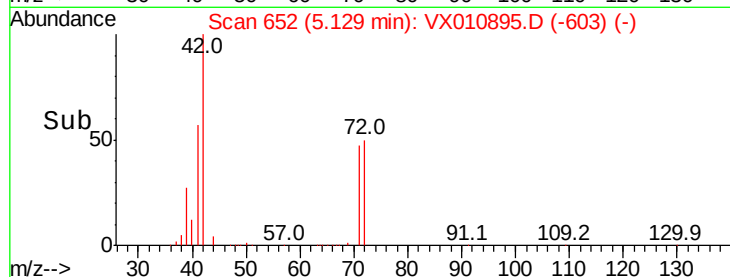
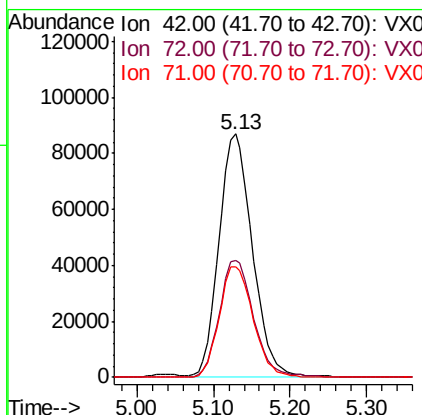
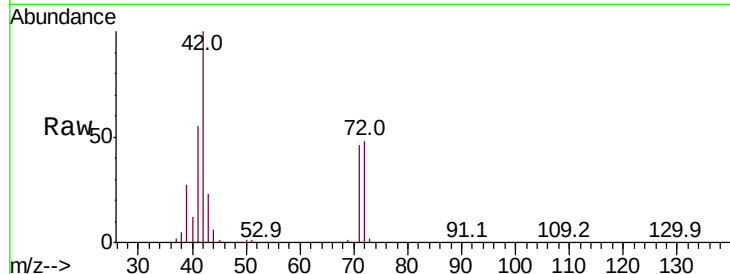
#29
Tetrahydrofuran
Concen: 233.278 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MS

Tot Ion	Ratio	Resp	Lower	Upper
42	100	261161		
72	49.6		40.6	60.8
71	46.3		37.8	56.8

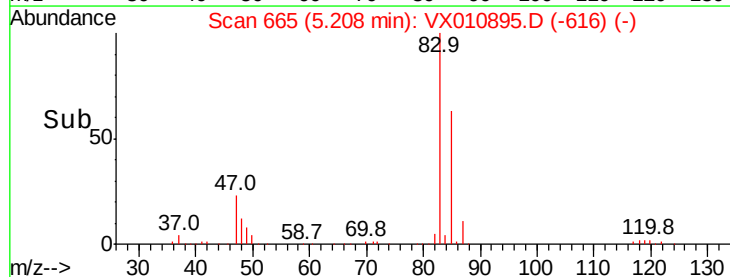
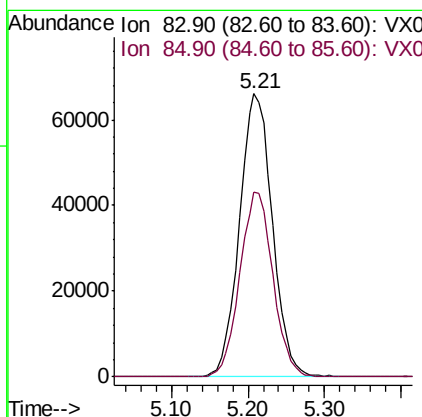
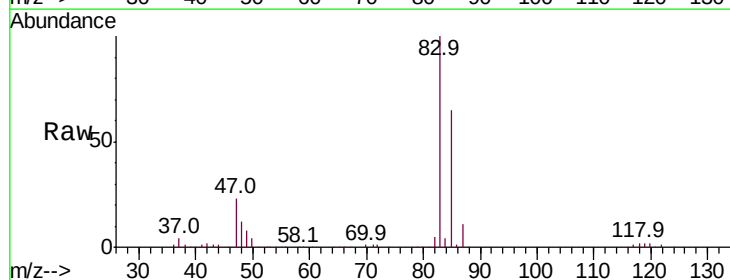
Manual Integrations
APPROVED

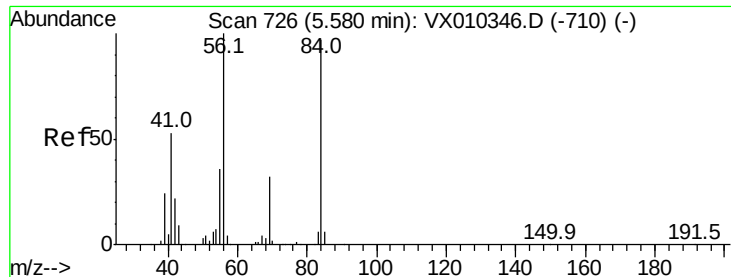
MMDadoda
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#30
Chloroform
Concen: 47.072 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	197511		
85	65.3		50.9	76.3





#31

Cyclohexane

Concen: 44.266 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

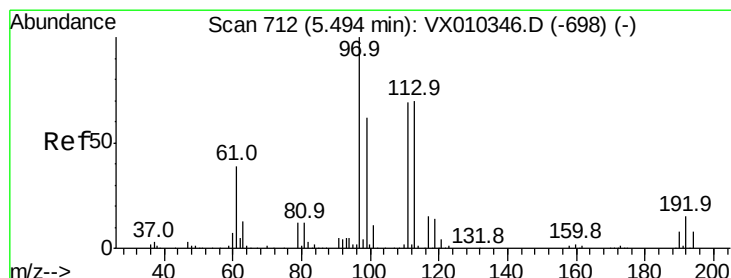
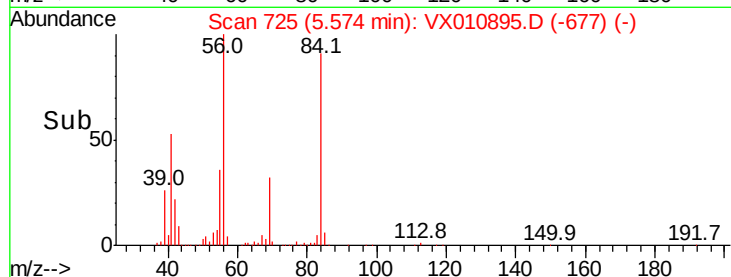
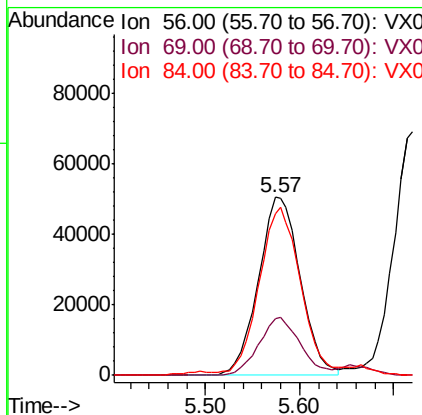
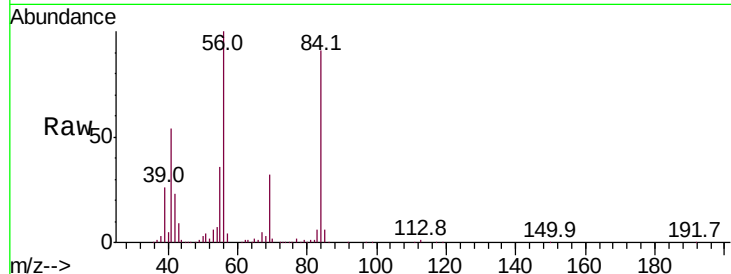
ClientSampled :

FL-0600MS

Tot Ion:	56	Resp:	157201
Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.9	38.9
84	89.0	78.0	117.0

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#32

1,1,1-Trichloroethane

Concen: 46.450 ug/l

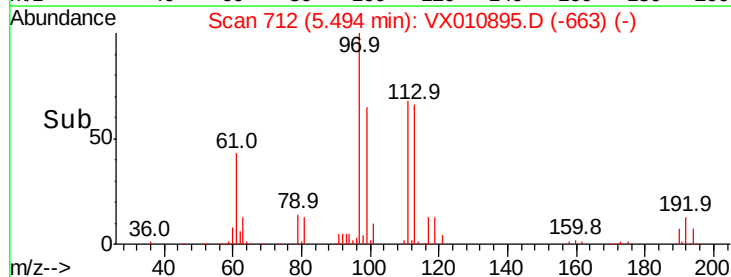
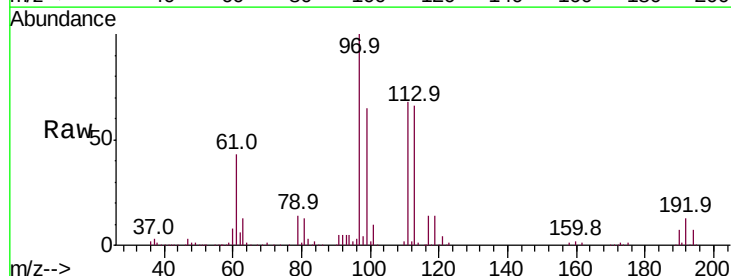
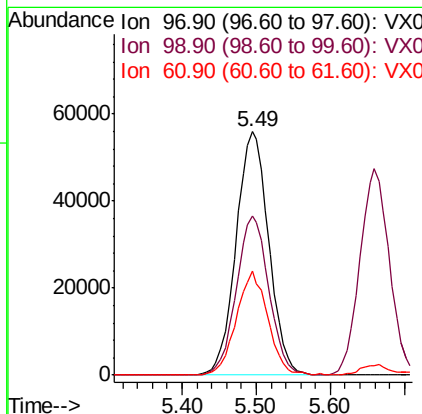
RT: 5.49 min Scan# 712

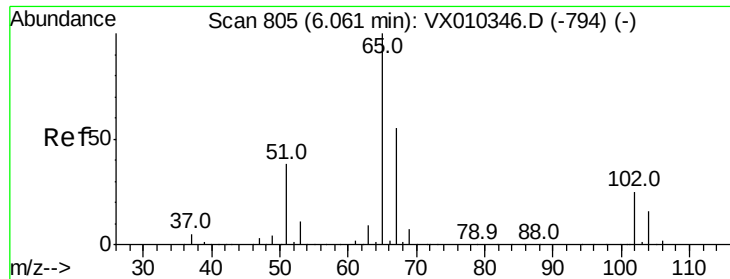
Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Tgt Ion:	97	Resp:	172096
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.8	77.8
61	41.4	32.1	48.1





#33

1,2-Dichloroethane-d4

Concen: 46.263 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

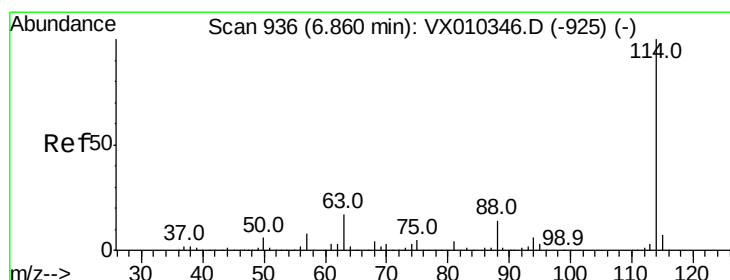
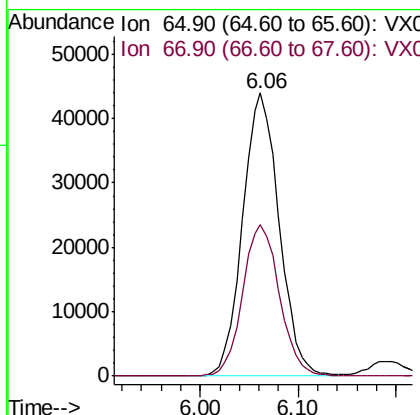
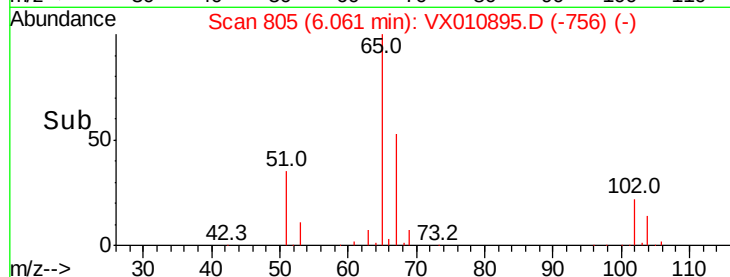
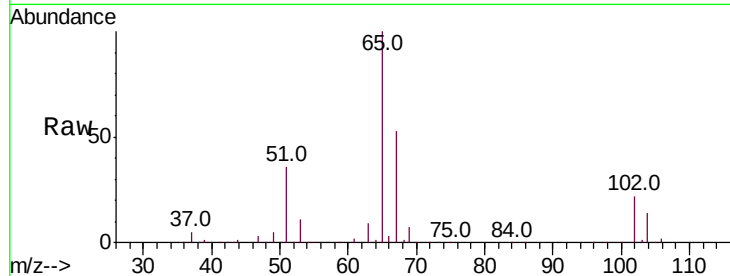
Instrument :
MSVOA_X
ClientSampled :
FL-0600MS

Tot Ion: 65 Resp: 113741

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	110.2

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

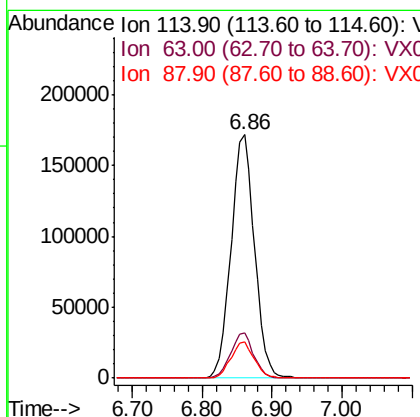
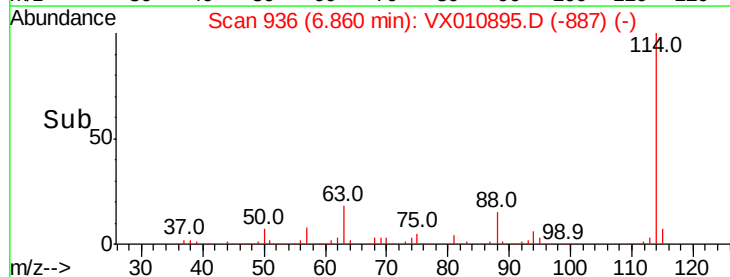
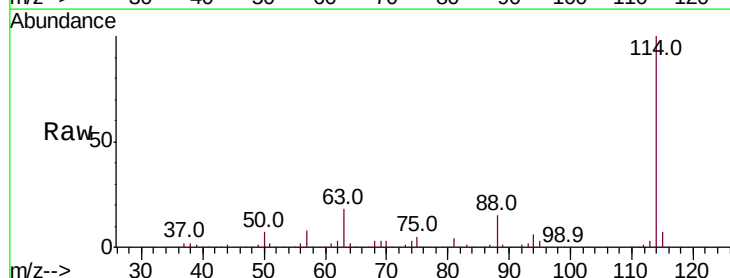
Delta R.T. 0.00 min

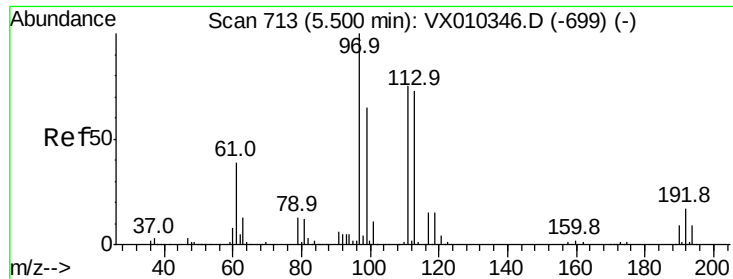
Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Tgt Ion: 114 Resp: 399226

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	33.8
88	14.7	0.0	27.6





#35

Dibromofluoromethane

Concen: 43.786 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

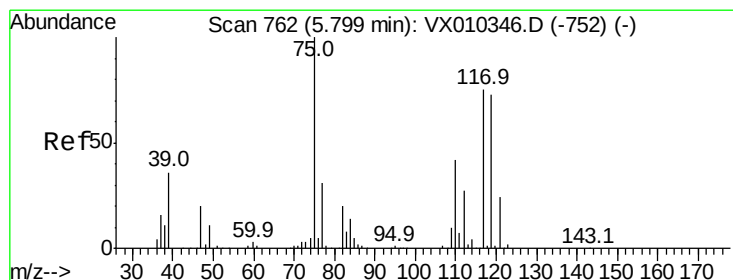
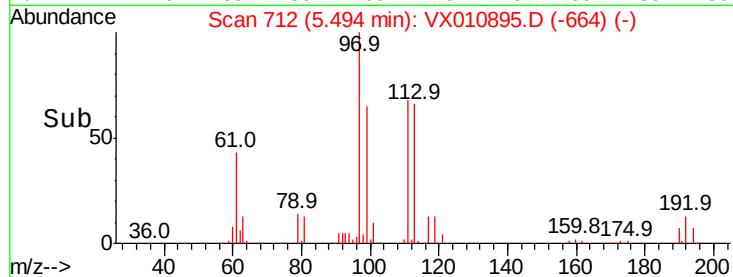
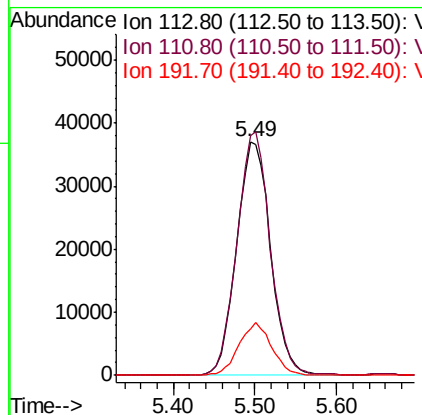
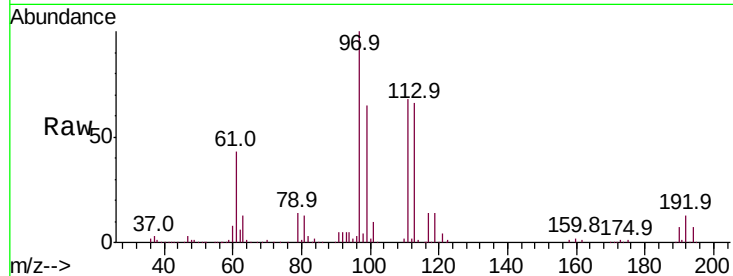
ClientSampled :

FL-0600MS

Tot Ion:	113	Resp:	106953
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.2	121.8
192	21.7	18.6	27.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 44.137 ug/l

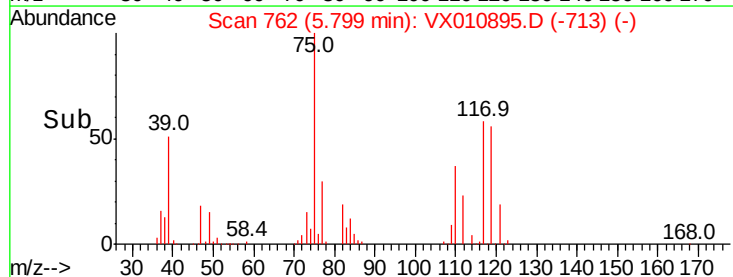
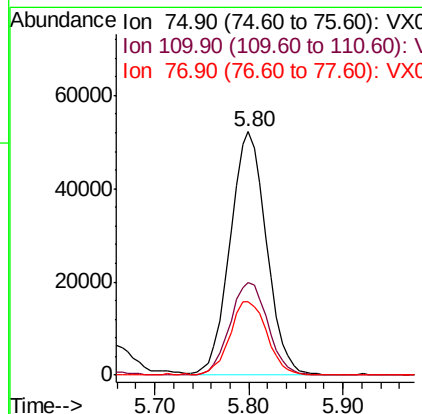
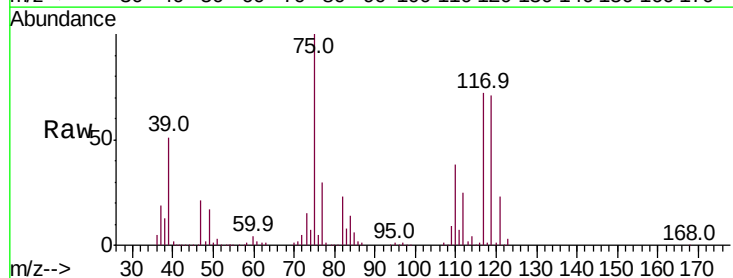
RT: 5.80 min Scan# 762

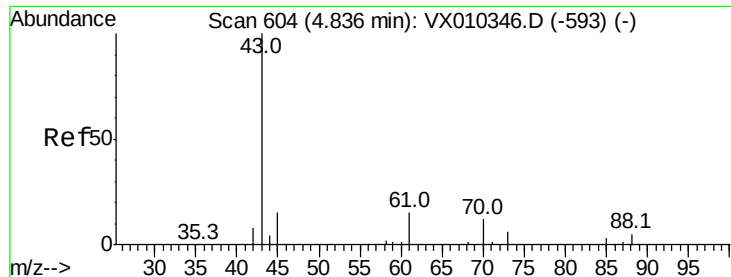
Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Tgt Ion:	75	Resp:	140022
Ion Ratio	Lower	Upper	
75	100		
110	39.7	20.8	62.2
77	31.1	25.4	38.0





#37

Ethyl Acetate

Concen: 43.489 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

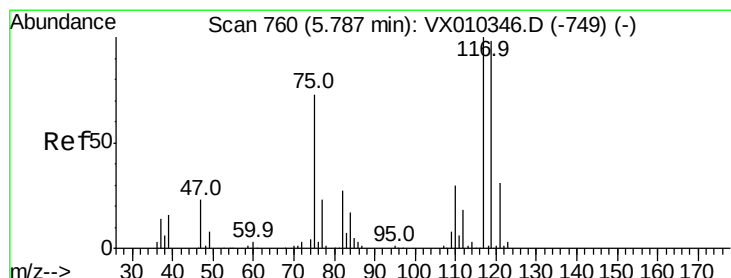
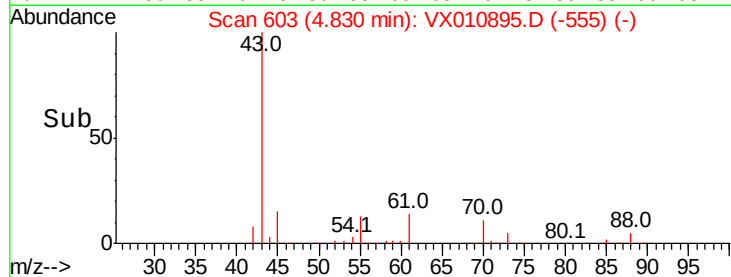
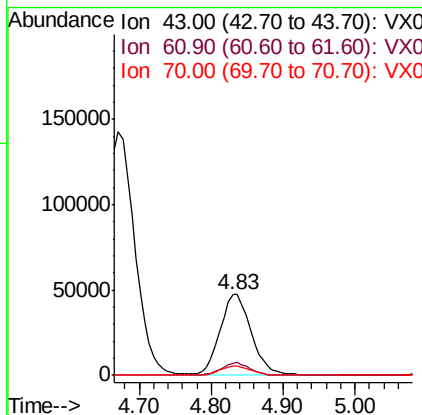
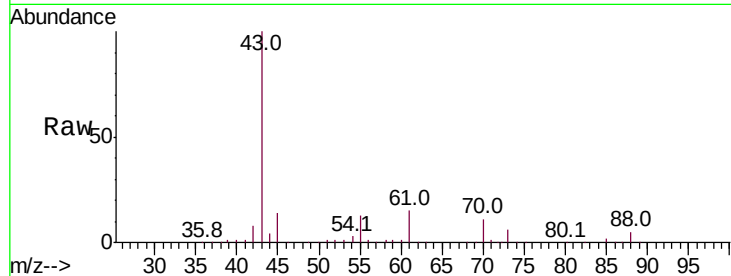
ClientSampleId :

FL-0600MS

Tot Ion:	43	Resp:	141935
Ion Ratio	Lower	Upper	
43	100		
61	14.5	12.4	18.6
70	11.4	9.8	14.8

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#38

Carbon Tetrachloride

Concen: 43.685 ug/l

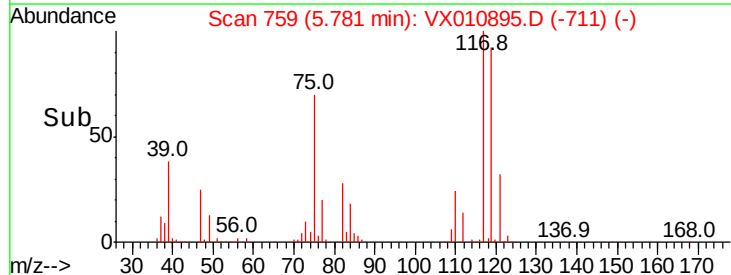
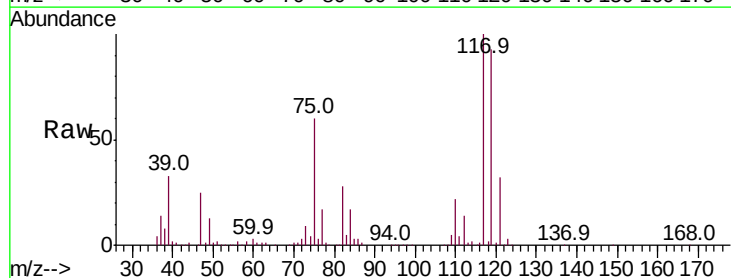
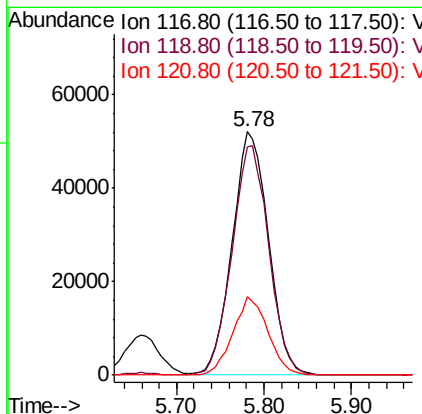
RT: 5.78 min Scan# 759

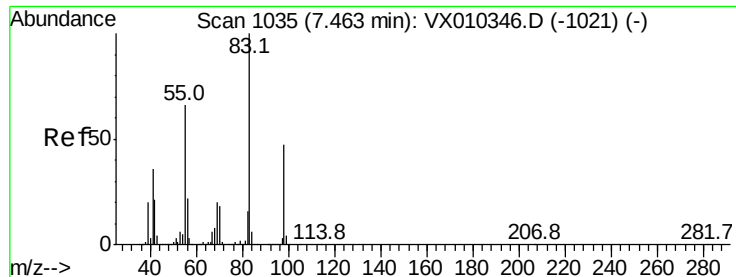
Delta R.T. -0.01 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Tgt Ion:	117	Resp:	150074
Ion Ratio	Lower	Upper	
117	100		
119	93.6	78.2	117.4
121	32.2	24.7	37.1





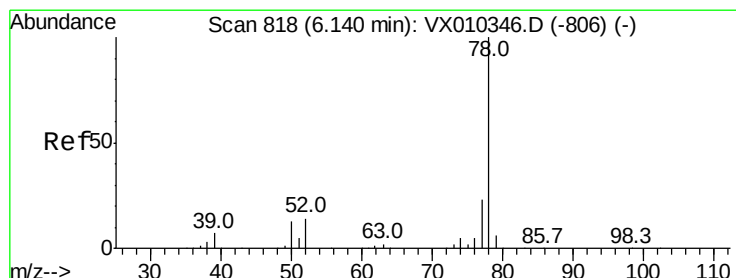
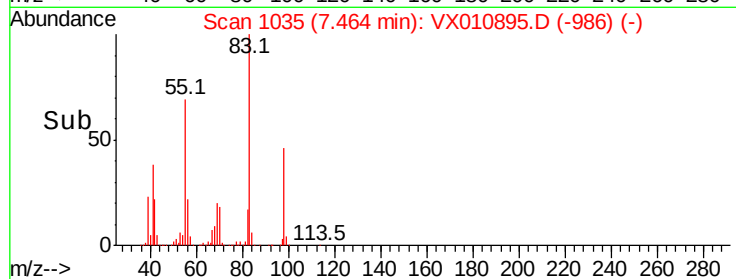
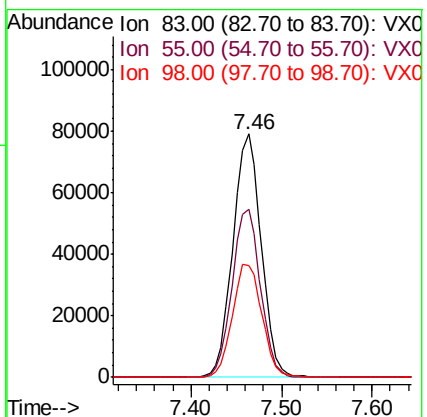
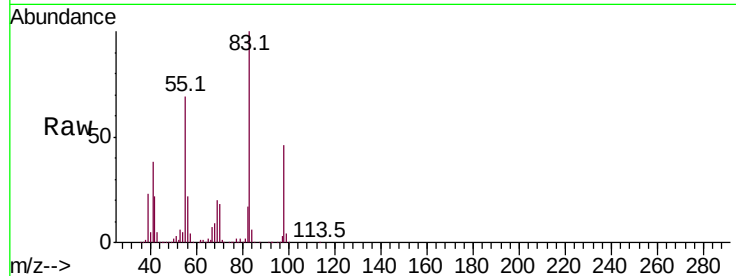
#39
Methylvlcyclohexane
Concen: 41.077 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.0	53.0	79.6
98	46.1	37.8	56.8

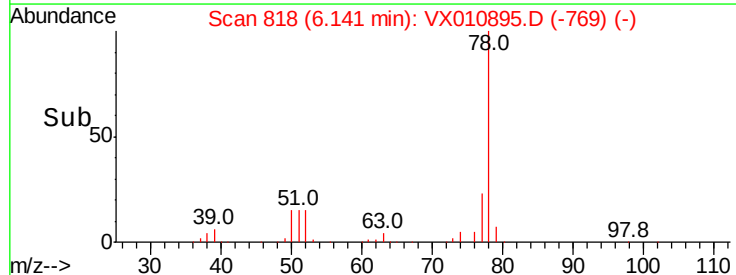
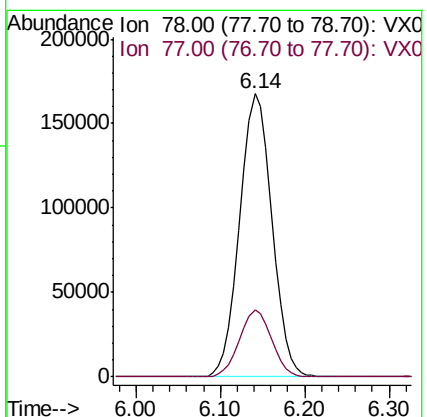
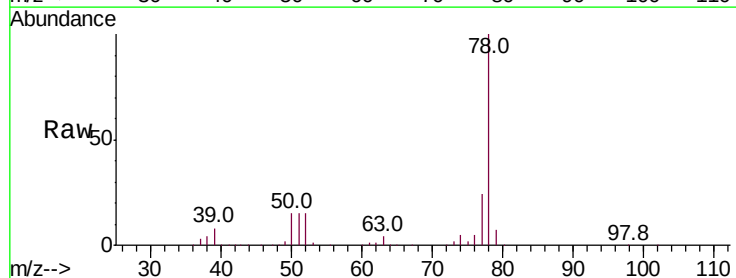
Manual Integrations
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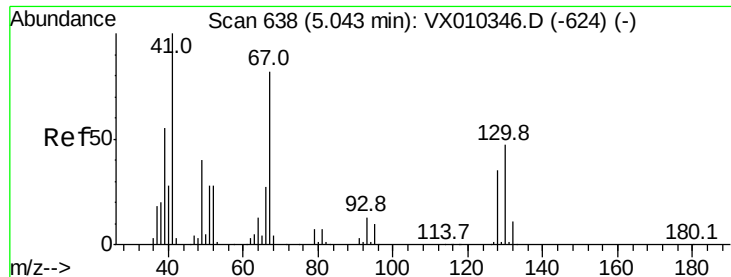
MMDadoda
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#40
Benzene
Concen: 44.008 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	28.0





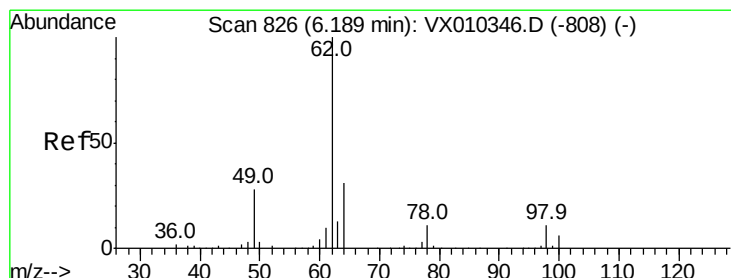
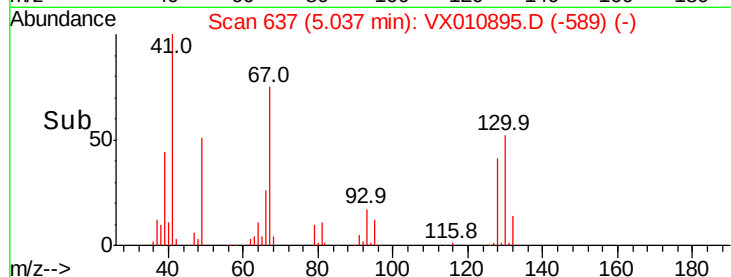
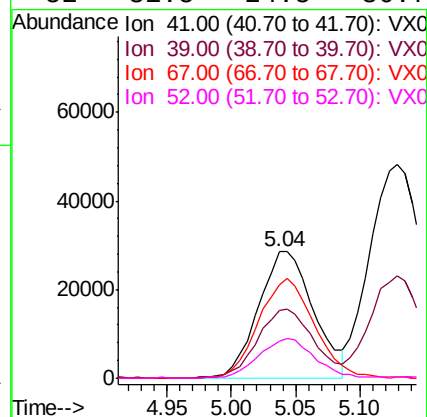
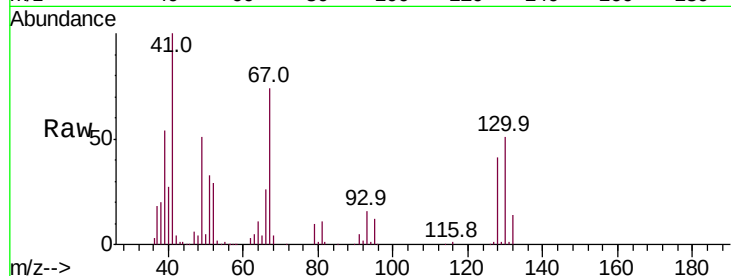
#41
Methacrylonitrile
Concen: 47.462 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	43.8	65.8	
67	79.9	66.6	100.0	
52	31.5	24.5	36.7	

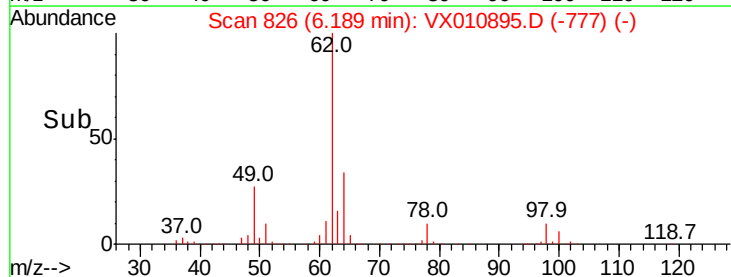
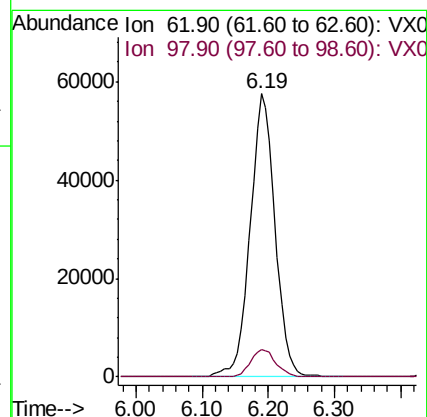
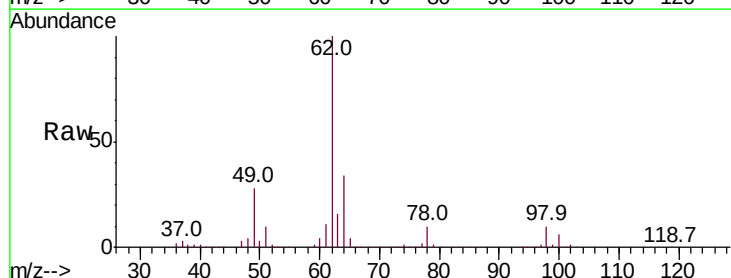
Manual Integrations
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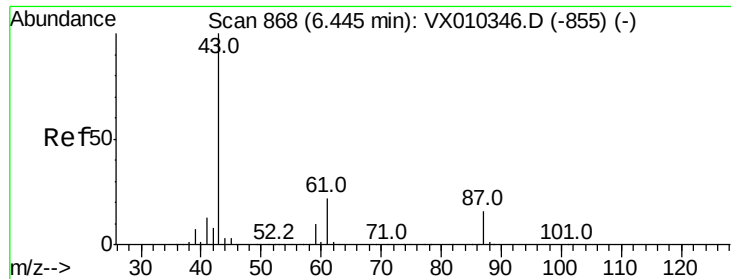
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.170 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

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





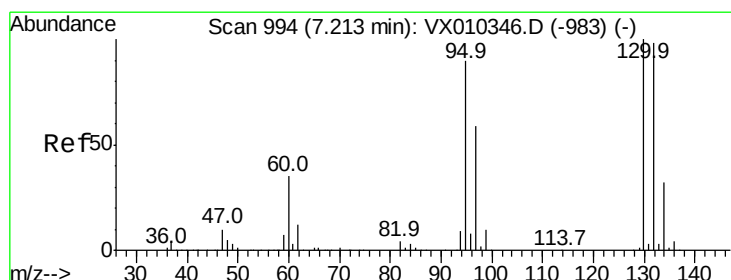
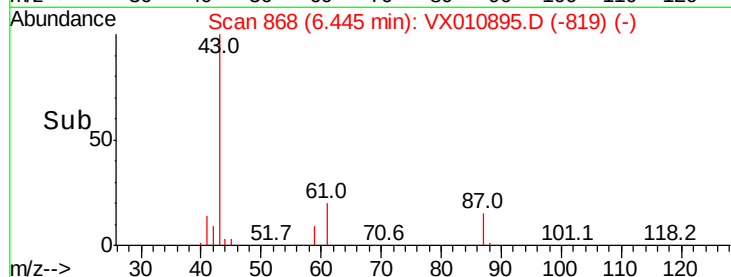
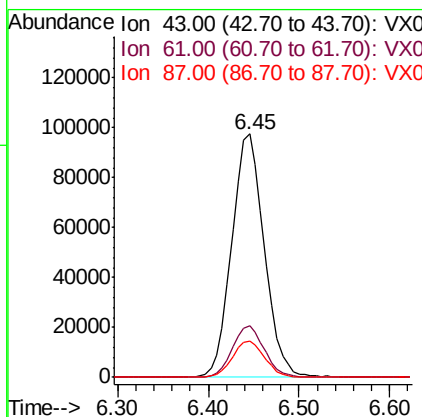
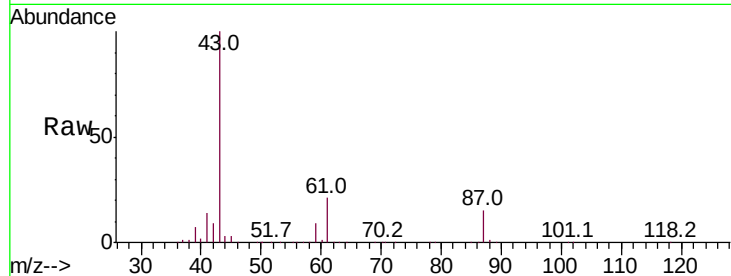
#43
Isopropyl Acetate
Concen: 44.843 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.8	26.6
87	14.9	13.0	19.4

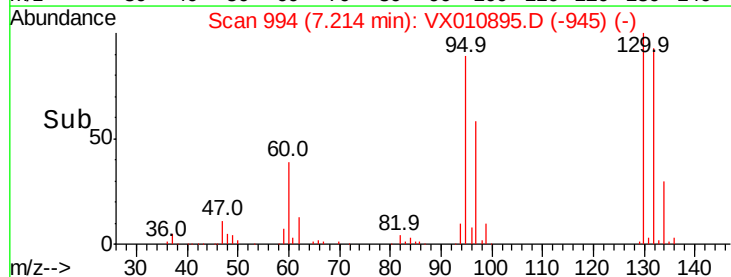
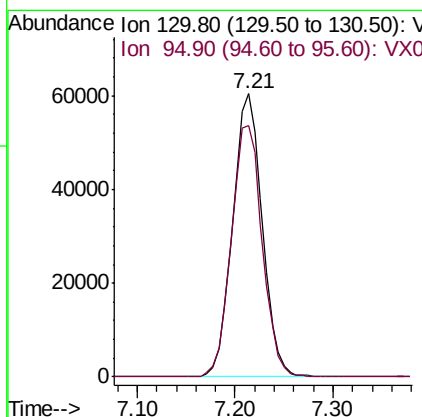
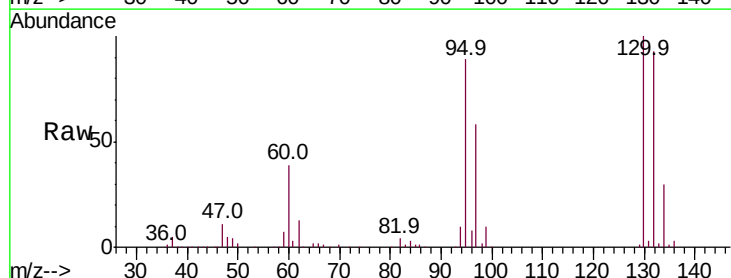
Manual Integrations
APPROVED

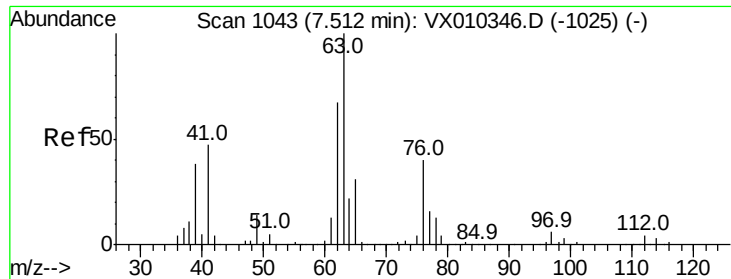
MMDadoda
7/16/2019 10:47:57 AM



#44
Trichloroethene
Concen: 42.762 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.6	0.0	180.8





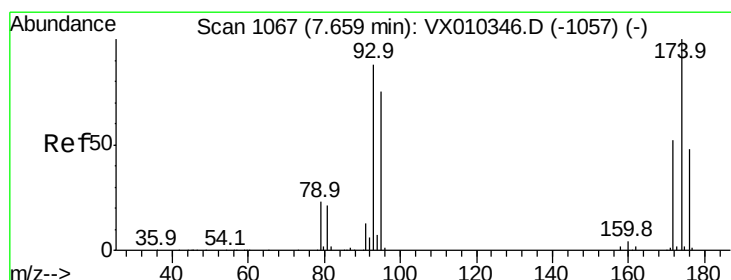
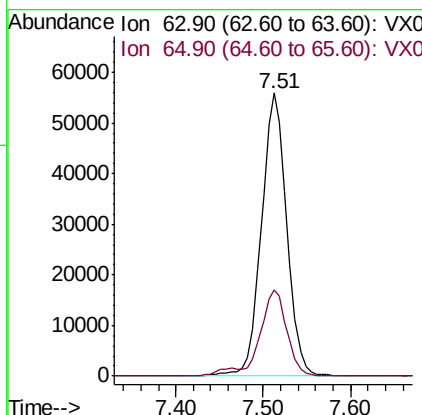
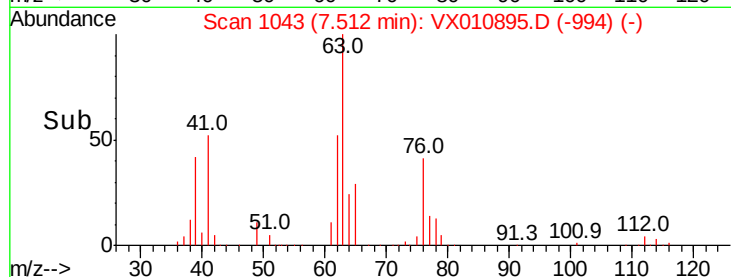
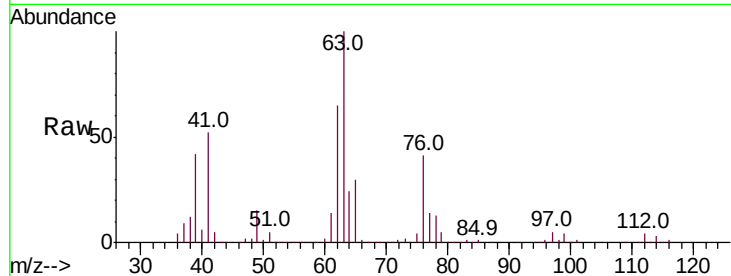
#45
 1,2-Dichloropropane
 Concen: 45.308 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0600MS

Tot Ion: 63 Resp: 113086
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.8 37.2

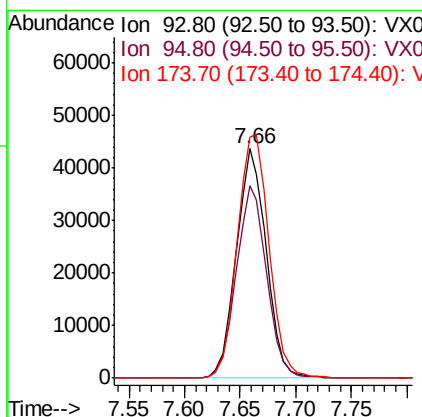
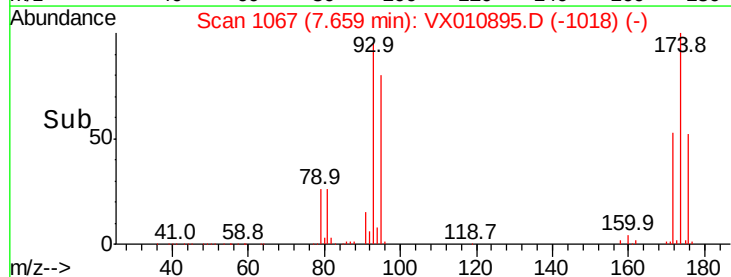
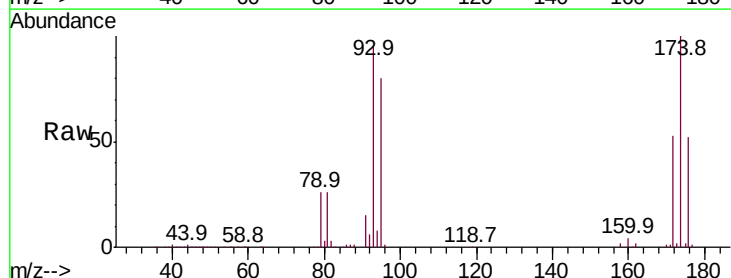
Manual Integrations
 APPROVED

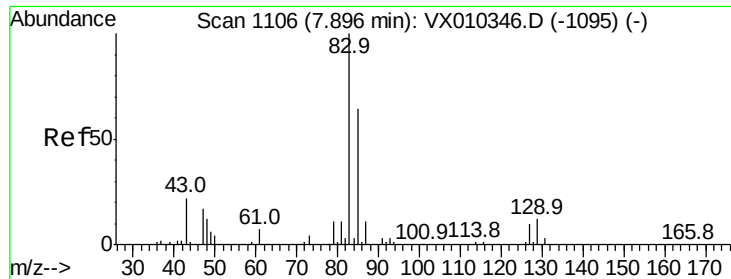
MMDadoda
 7/16/2019 10:47:57 AM



#46
 Dibromomethane
 Concen: 45.336 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Tgt Ion: 93 Resp: 81186
 Ion Ratio Lower Upper
 93 100
 95 85.0 67.5 101.3
 174 113.1 95.8 143.6





#47

Bromodichloromethane

Concen: 45.584 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

ClientSampled :

FL-0600MS

Tot Ion: 83 Resp: 149596

Ion Ratio Lower Upper

83 100

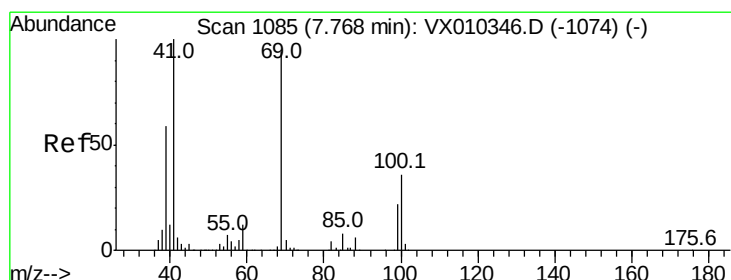
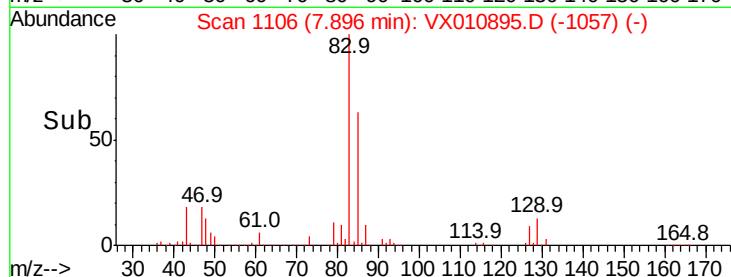
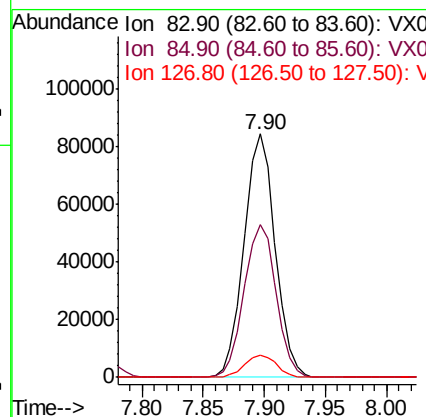
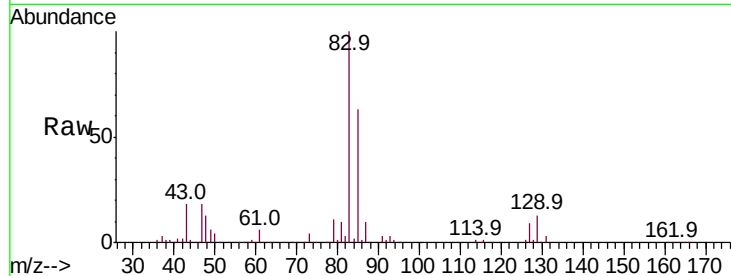
85 62.5 51.5 77.3

127 9.0 7.8 11.8

Manual Integrations
APPROVED

MMDadoda

7/16/2019 10:47:57 AM



#48

Methyl methacrylate

Concen: 48.725 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

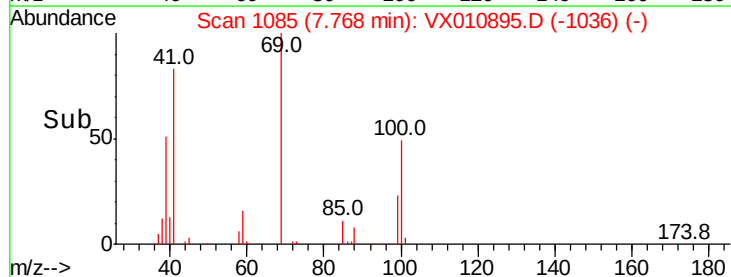
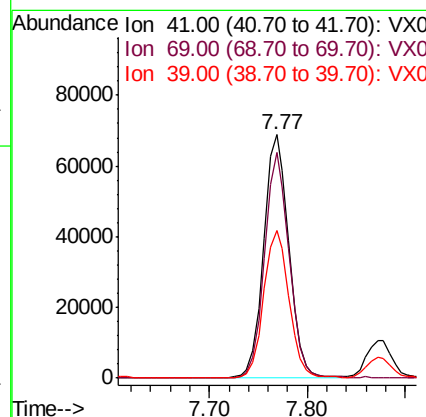
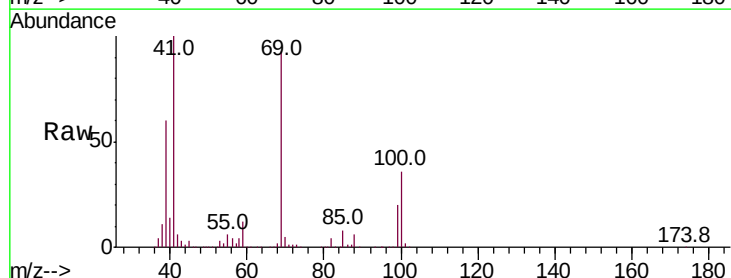
Tgt Ion: 41 Resp: 122295

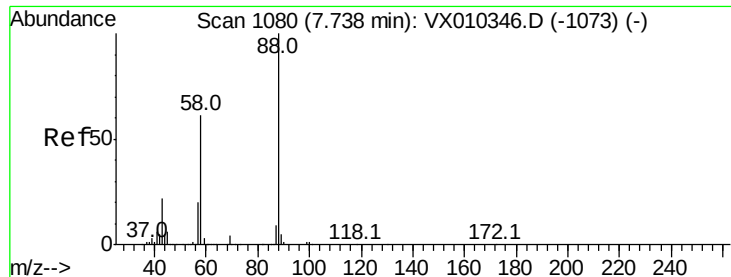
Ion Ratio Lower Upper

41 100

69 91.0 76.1 114.1

39 60.8 47.6 71.4





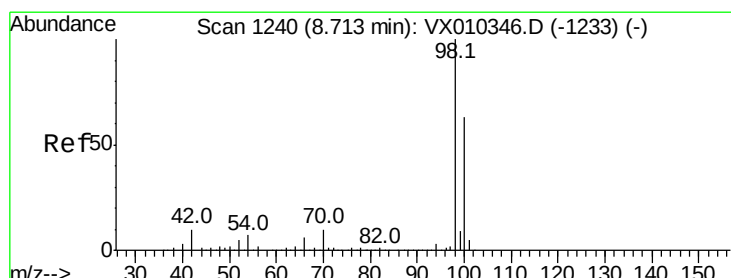
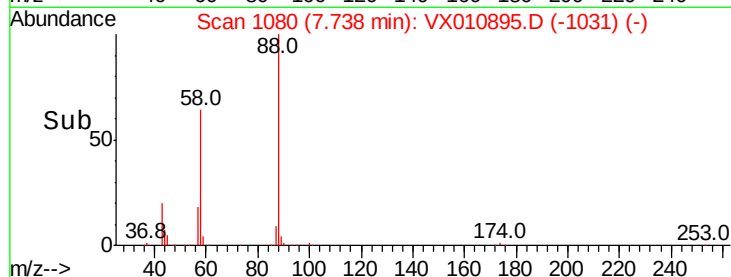
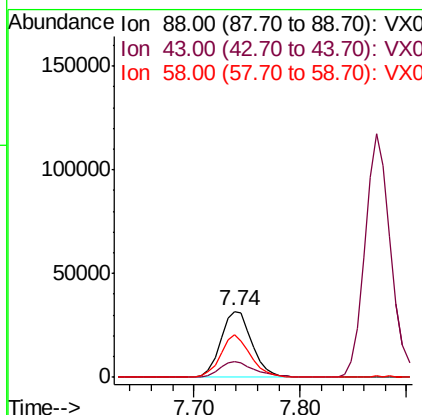
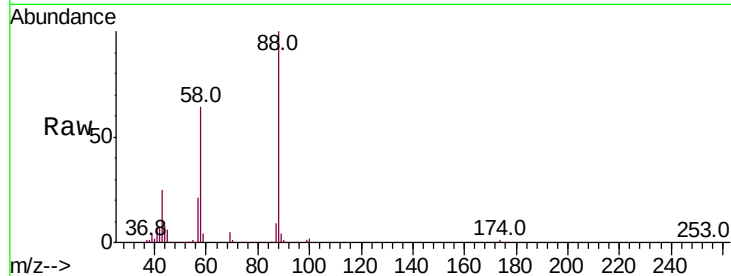
#49
1,4-Dioxane
Concen: 895.272 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.0	20.2	30.2
58	62.2	49.5	74.3

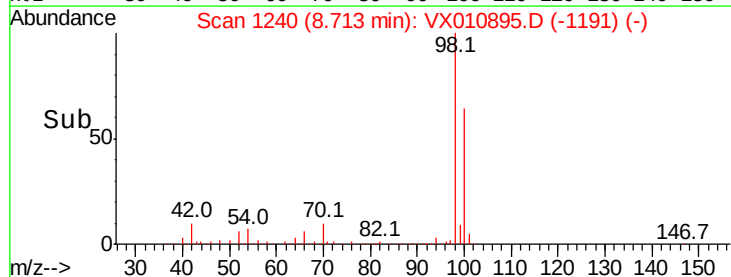
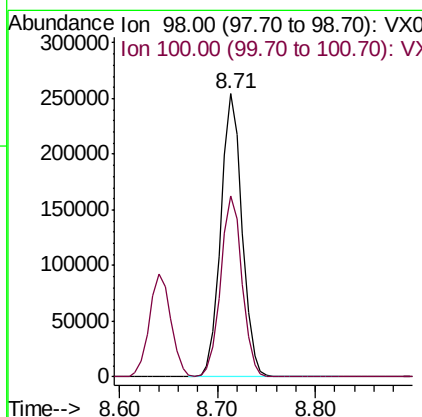
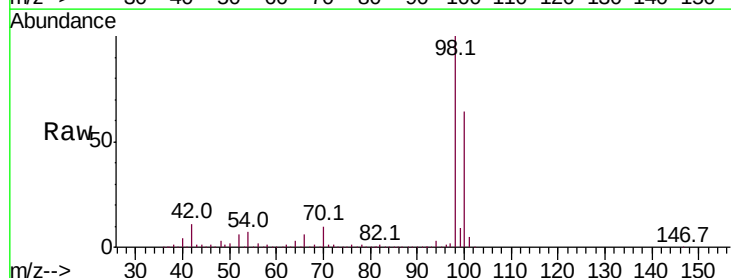
Manual Integrations
APPROVED

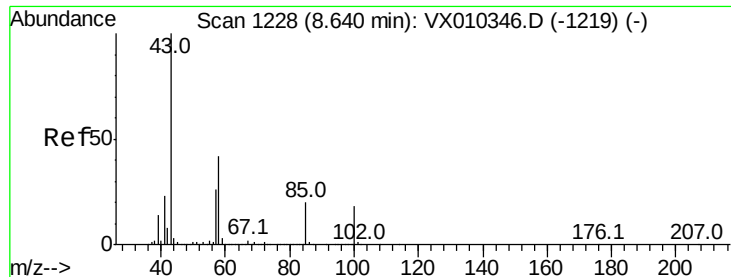
MMDadoda
7/16/2019 10:47:57 AM



#50
Toluene-d8
Concen: 41.017 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





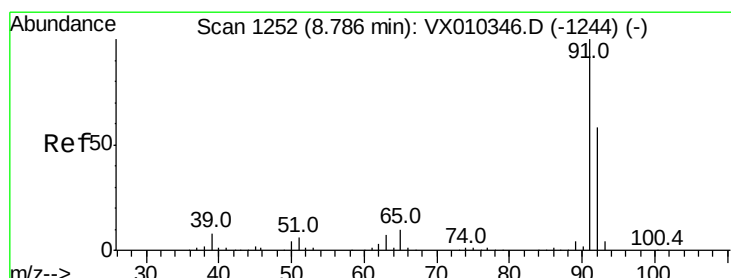
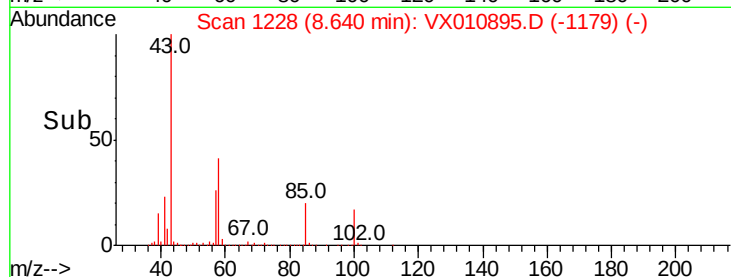
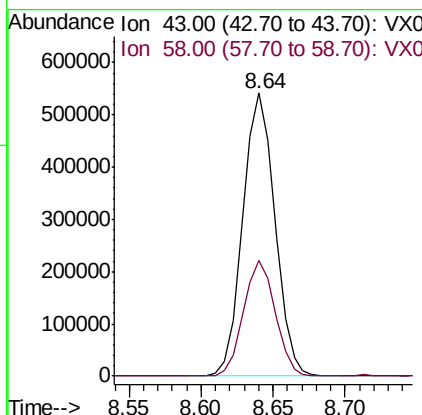
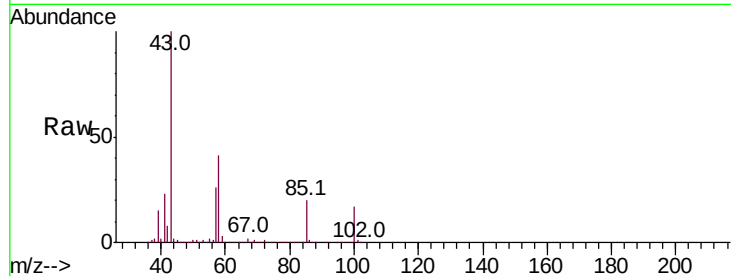
#51
4-Methyl-2-Pentanone
Concen: 241.510 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Instrument :
MSVOA_X
ClientSampled :
FL-0600MS

Tot Ion	43	58	Ratio	100	40.5	Resp	834049	Lower	33.5	Upper	50.3
Ion	43	58	Ratio	100	40.5	Resp	834049	Lower	33.5	Upper	50.3

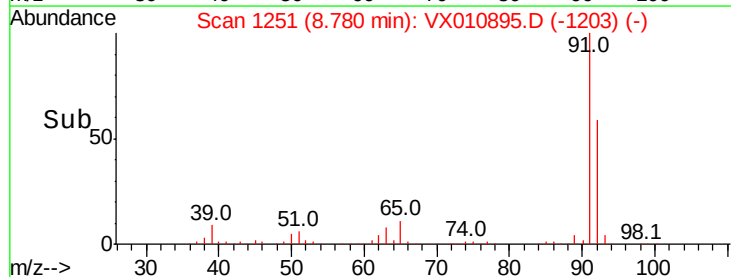
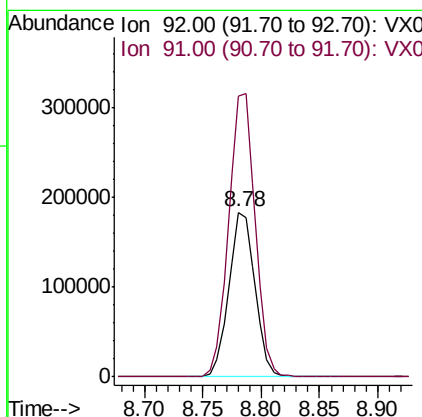
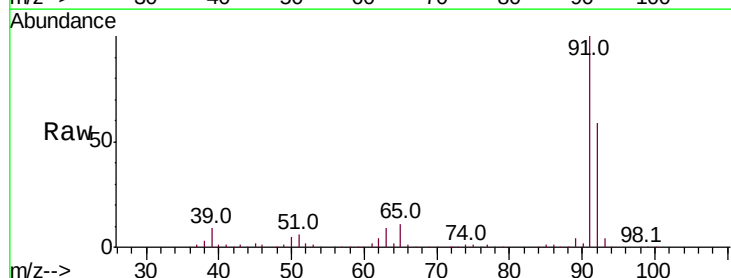
Manual Integrations
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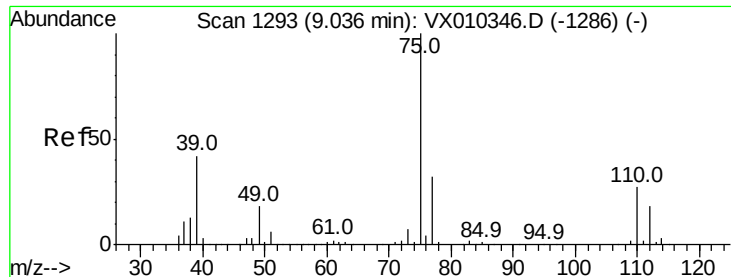
MMDadoda
7/16/2019 10:47:57 AM



#52
Toluene
Concen: 43.889 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Tgt Ion	92	91	Ratio	100	174.8	Resp	285666	Lower	139.8	Upper	209.6
Ion	92	91	Ratio	100	174.8	Resp	285666	Lower	139.8	Upper	209.6





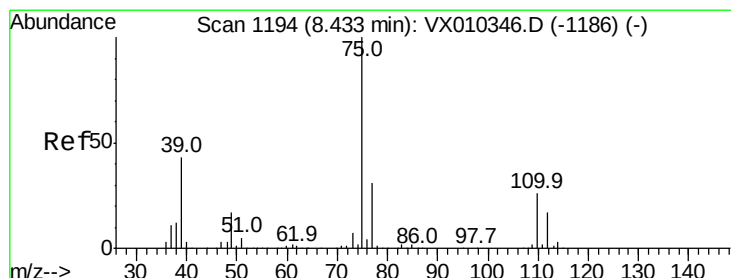
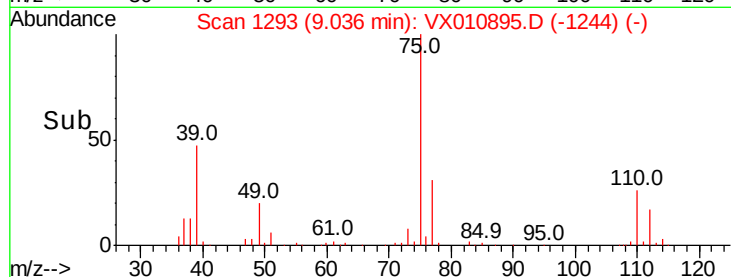
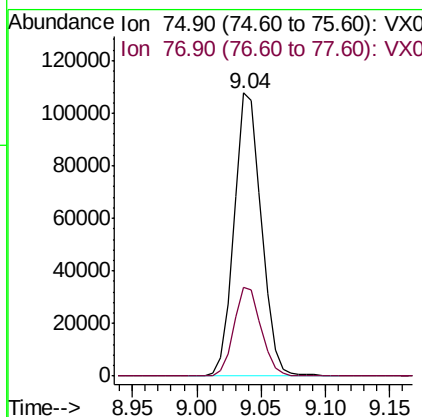
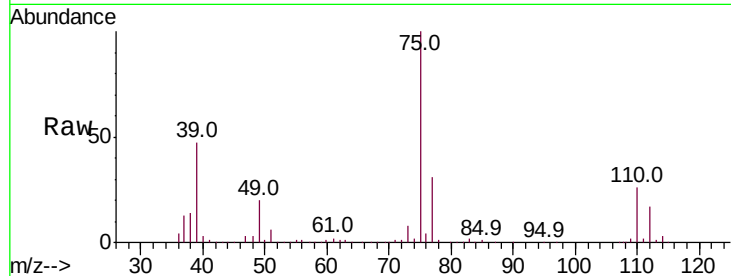
#53
t-1,3-Dichloropropene
Concen: 43.062 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MS

Tot Ion: 75 Resp: 158440
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2

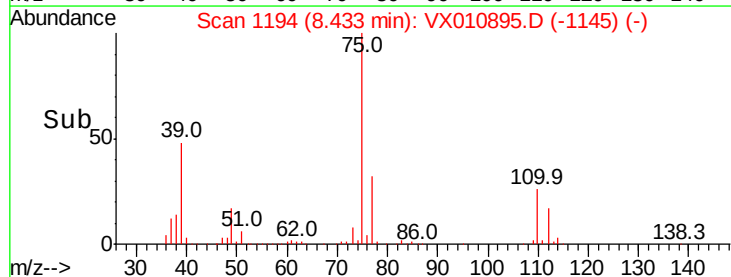
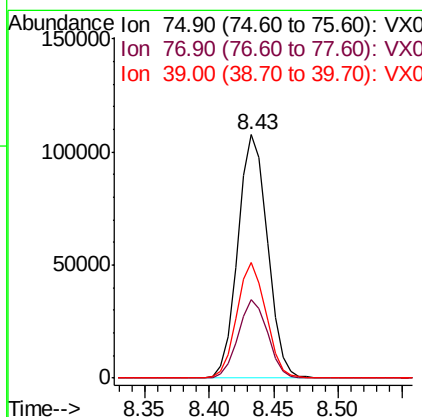
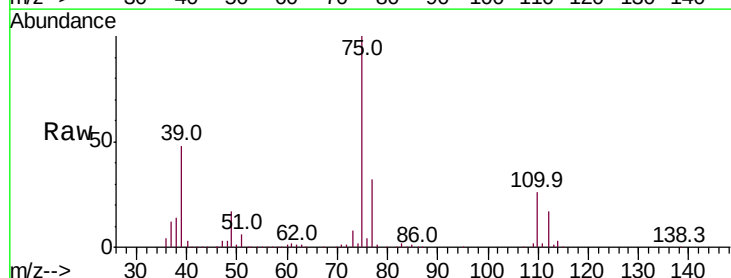
Manual Integrations
APPROVED

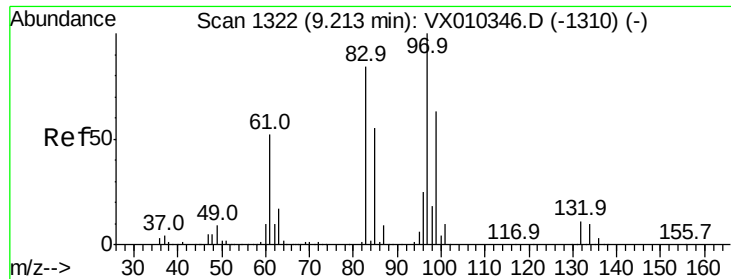
MMDadoda
7/16/2019 10:47:57 AM



#54
cis-1,3-Dichloropropene
Concen: 42.929 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Tgt Ion: 75 Resp: 171648
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8
39 47.6 34.5 51.7





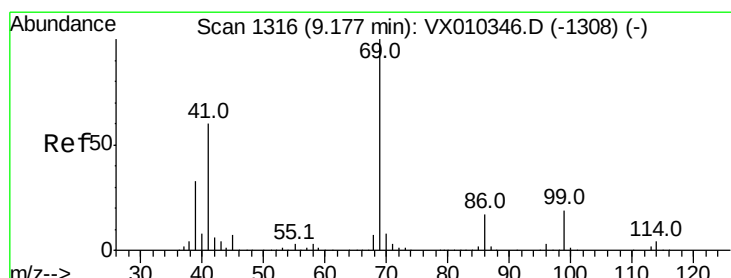
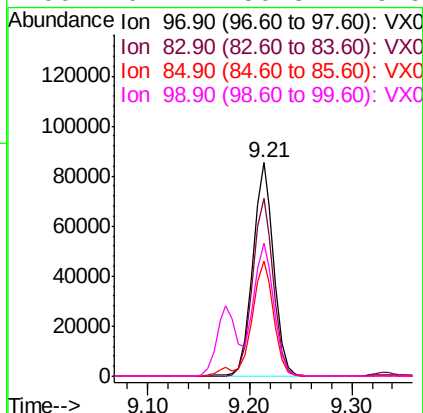
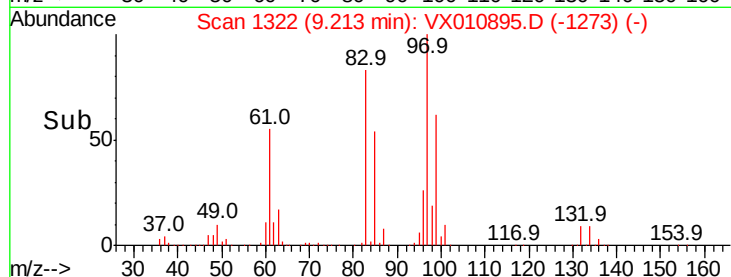
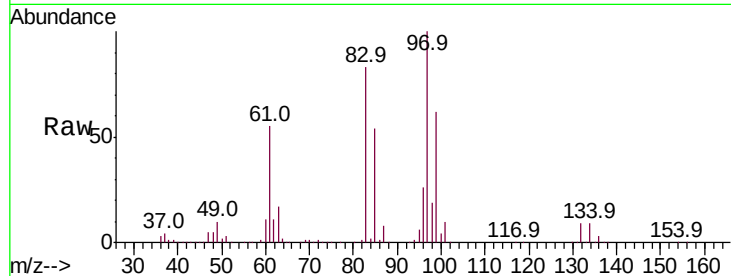
#55
1,1,2-Trichloroethane
Concen: 45.788 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MS

Tot Ion	Ratio	Resp	Lower	Upper
97	100	122911		
83	83.1	67.4	101.0	
85	53.9	43.8	65.8	
99	62.2	50.3	75.5	

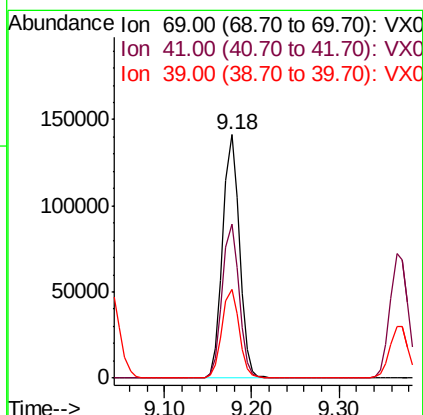
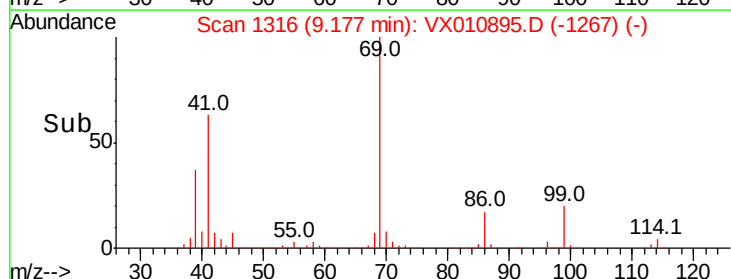
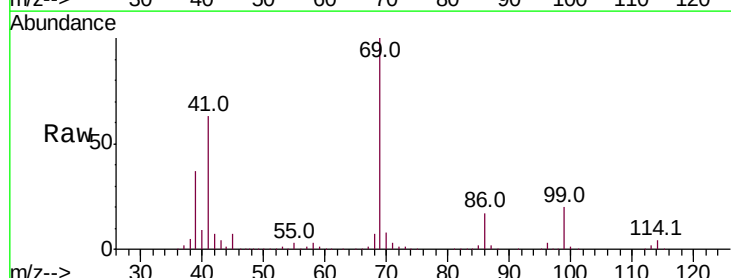
Manual Integrations
APPROVED

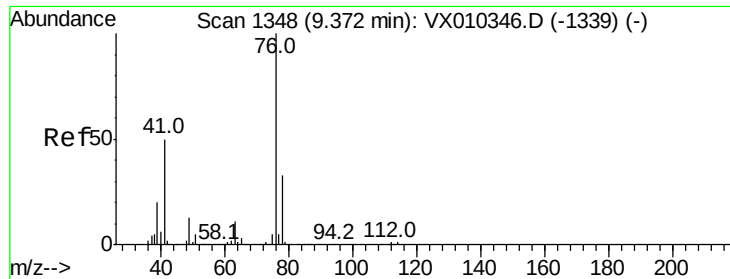
MMDadoda
7/16/2019 10:47:57 AM



#56
Ethyl methacrylate
Concen: 46.116 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	187528		
41	63.3	47.1	70.7	
39	37.0	26.6	40.0	





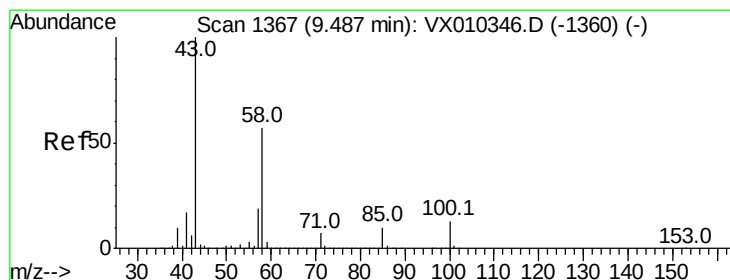
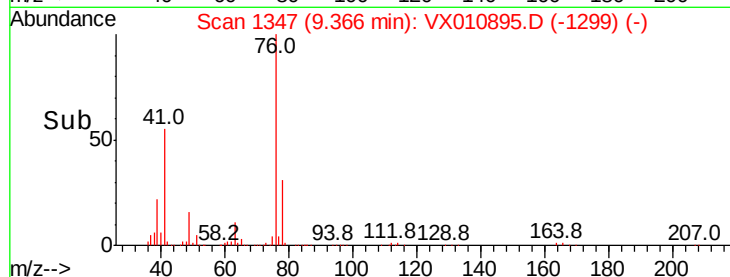
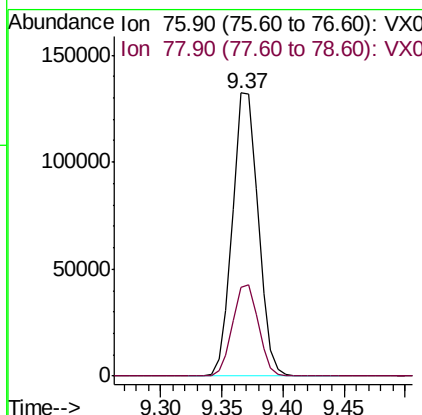
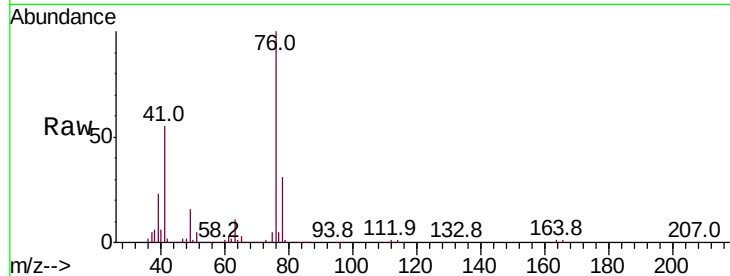
#57
 1,3-Dichloropropane
 Concen: 46.165 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0600MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.1	39.1

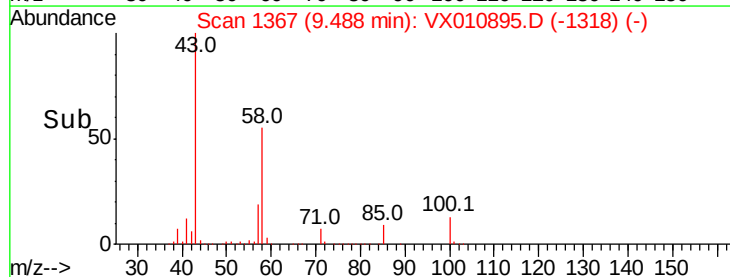
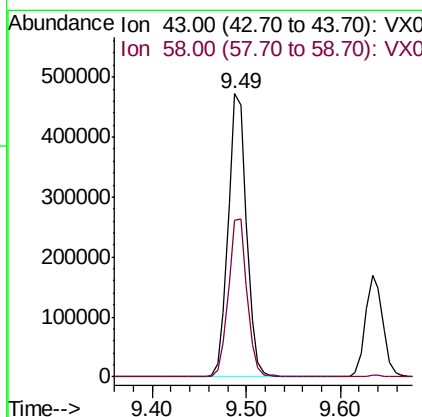
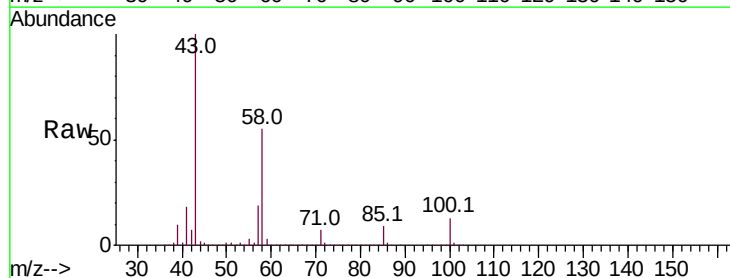
Manual Integrations
 APPROVED

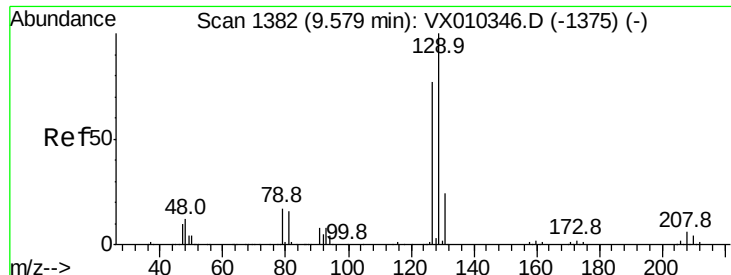
MMDadoda
 7/16/2019 10:47:57 AM



#59
 2-Hexanone
 Concen: 234.896 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.5	29.0	87.1





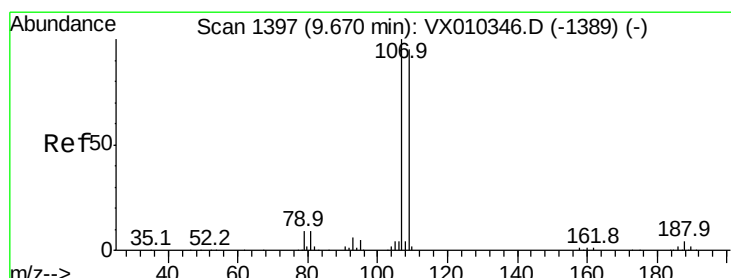
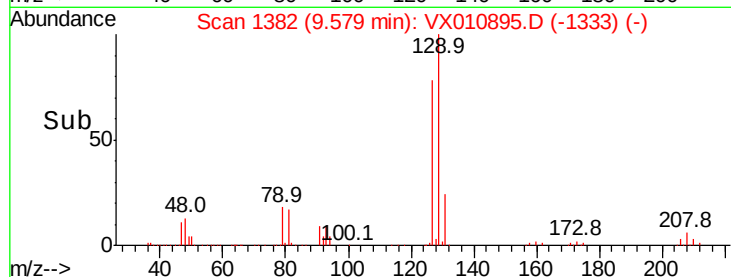
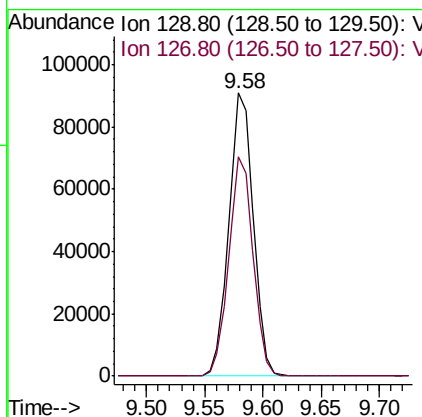
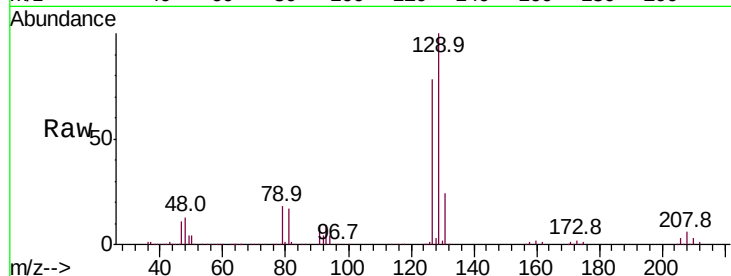
#60
Dibromochloromethane
Concen: 44.202 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Instrument :
MSVOA_X
ClientSampled :
FL-0600MS

Tot Ion	Ratio	Resp	Lower	Upper
129	100	132855		
127	77.1	38.4	115.1	

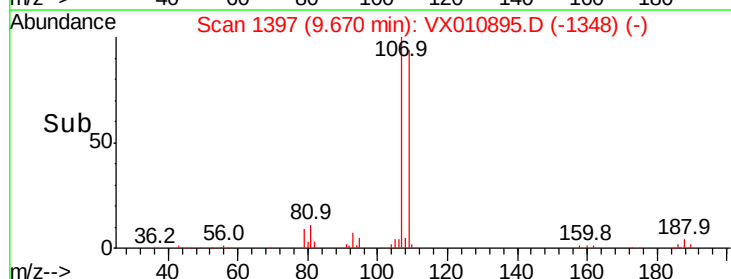
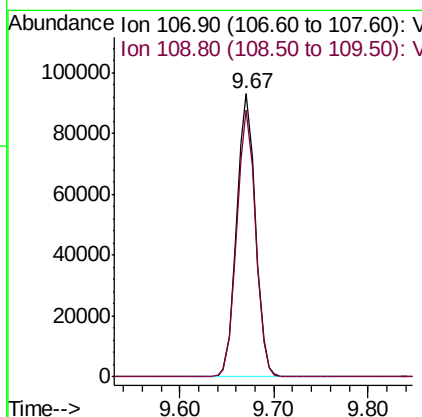
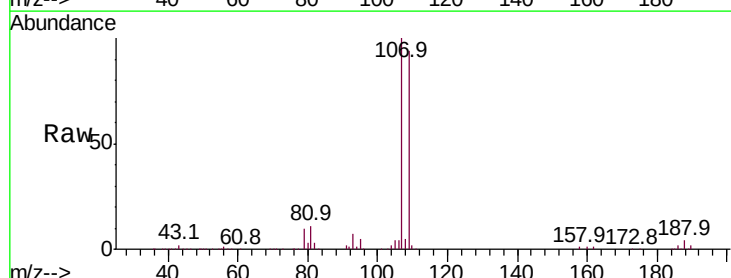
Manual Integrations
APPROVED

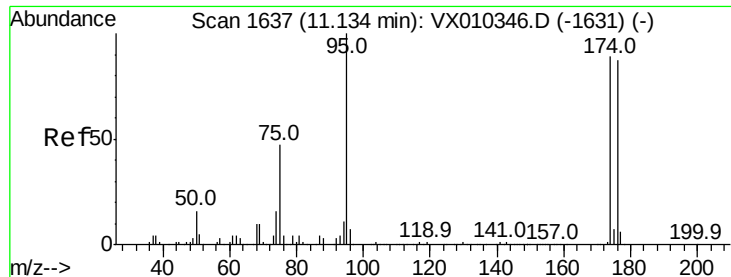
MMDadoda
7/16/2019 10:47:57 AM



#61
1,2-Dibromoethane
Concen: 44.592 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	129204		
109	94.7	75.8	113.6	





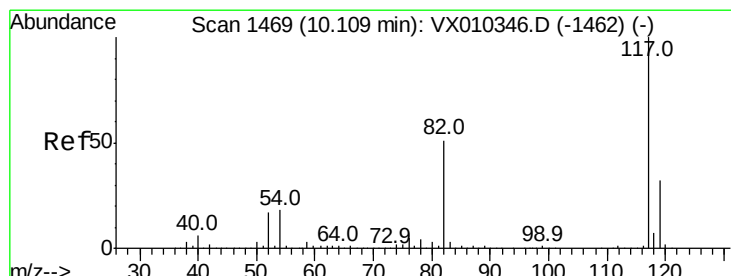
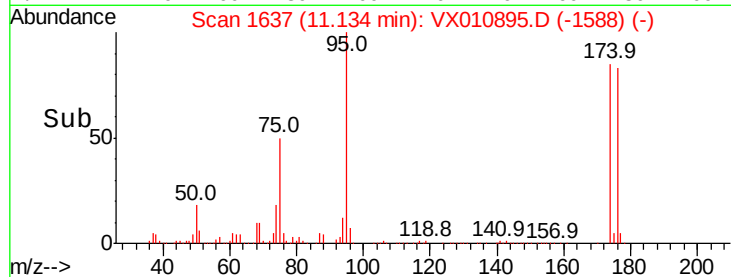
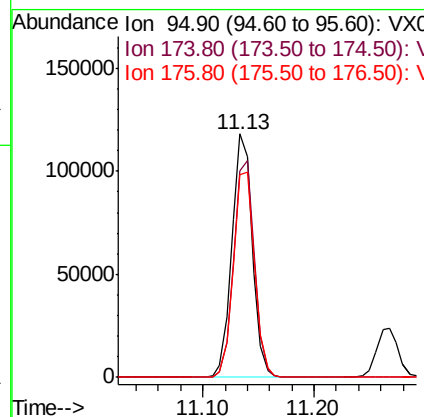
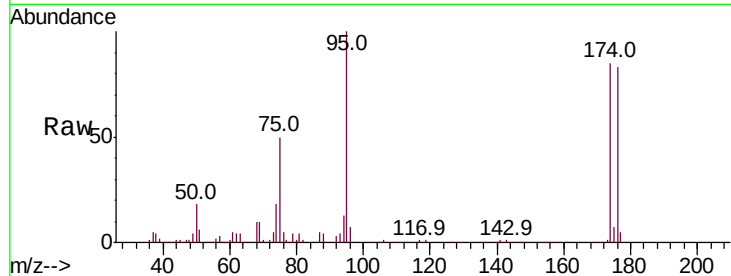
#62
4-Bromofluorobenzene
Concen: 44.383 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	149739		
174	90.0	0.0	187.6	
176	87.2	0.0	184.0	

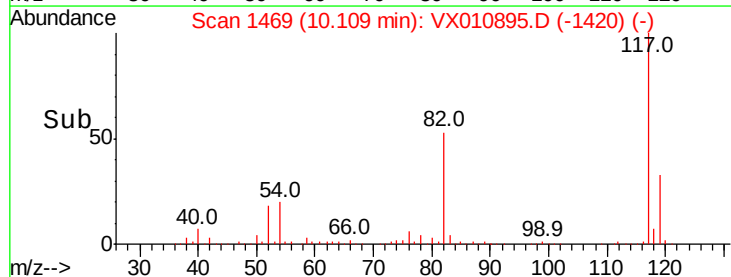
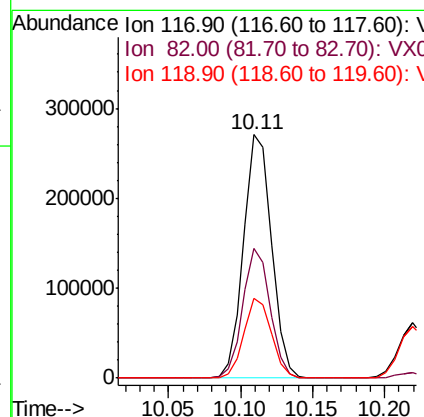
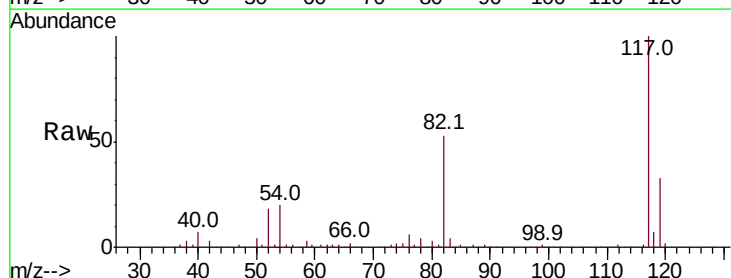
Manual Integrations
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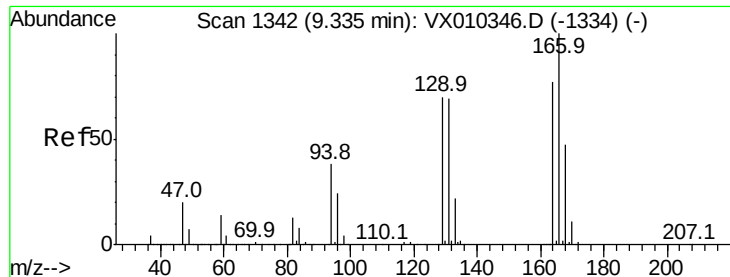
MMDadoda
7/16/2019 10:47:57 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	367393		
82	53.4	41.2	61.8	
119	32.5	25.5	38.3	





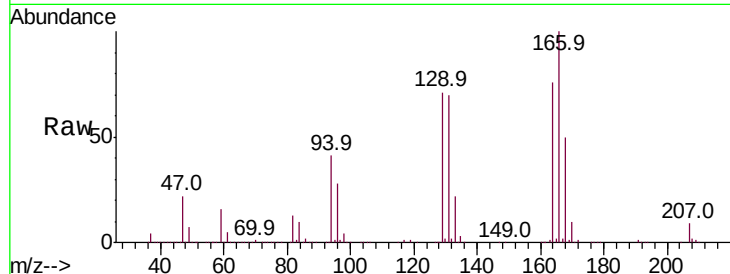
#64
Tetrachloroethene
Concen: 39.424 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MS

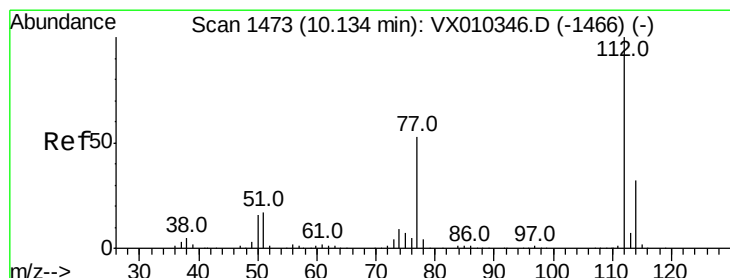
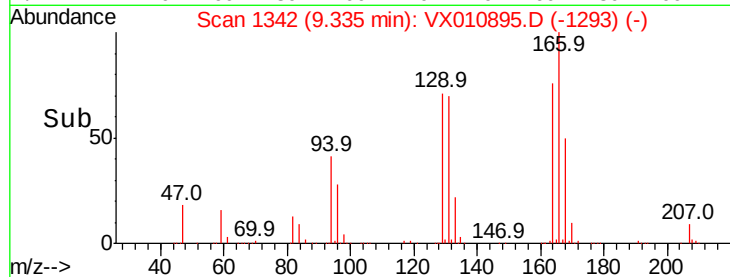
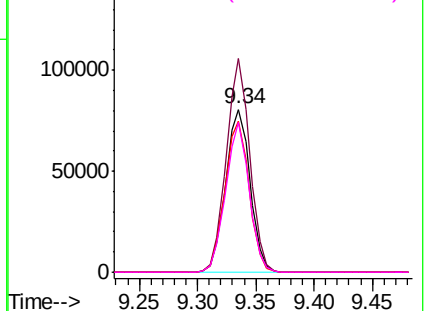
Tot Ion	Ratio	Lower	Upper
164	100		
166	131.2	103.6	155.4
129	92.9	73.0	109.4
131	92.1	71.0	106.4

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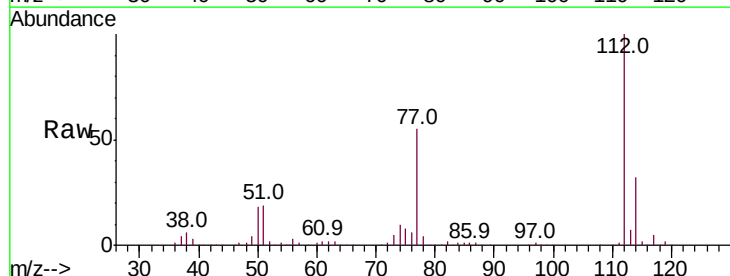


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

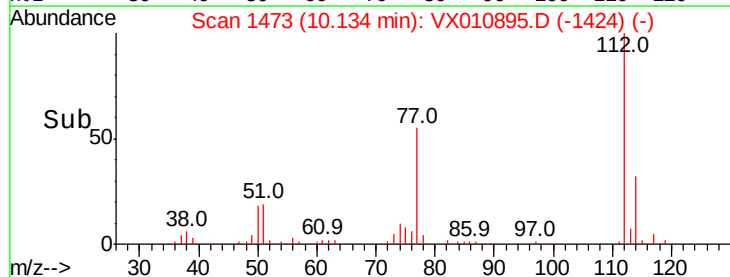
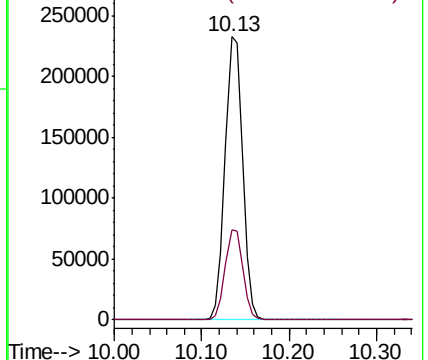


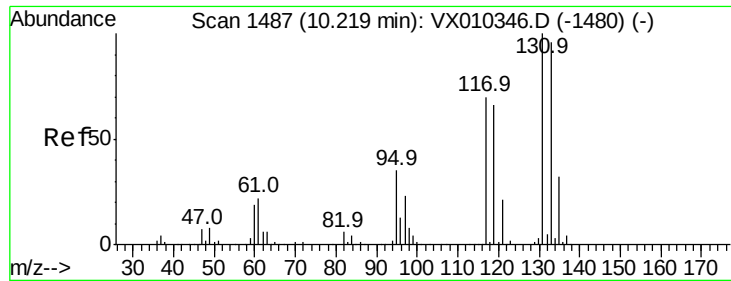
#65
Chlorobenzene
Concen: 43.582 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.4	38.2



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





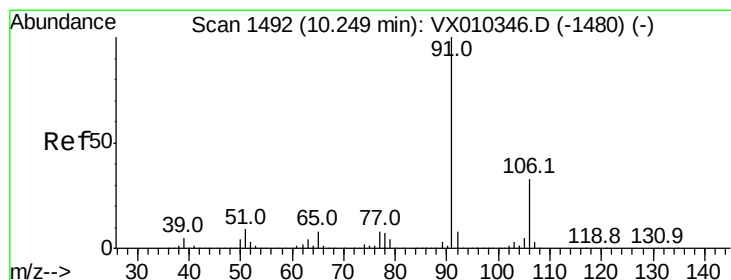
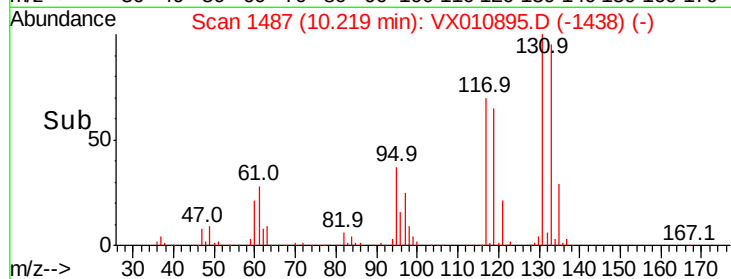
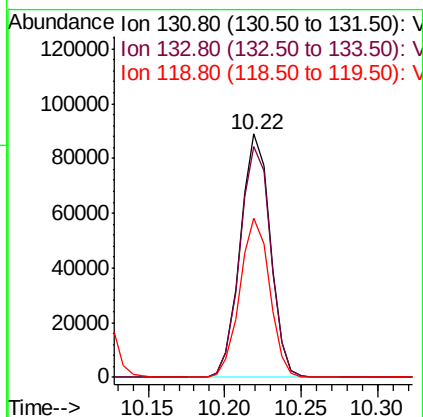
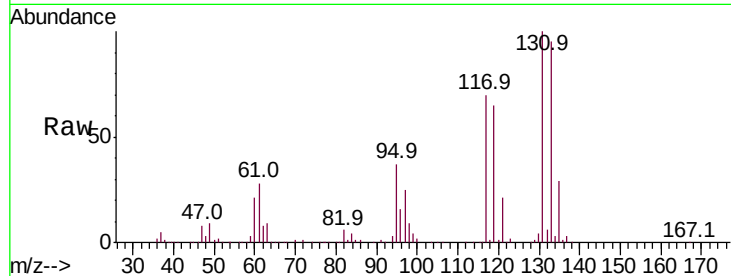
#66
 1,1,1,2-Tetrachloroethane
 Concen: 44.736 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.6	47.7	143.1
119	64.7	32.6	97.7

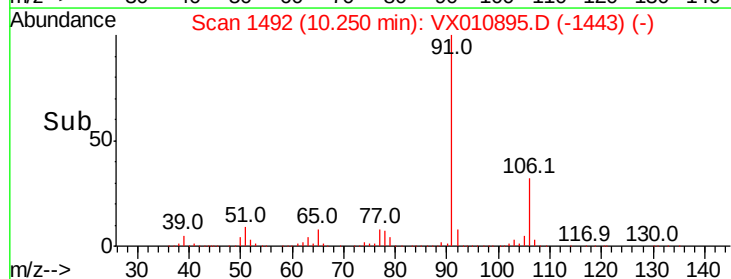
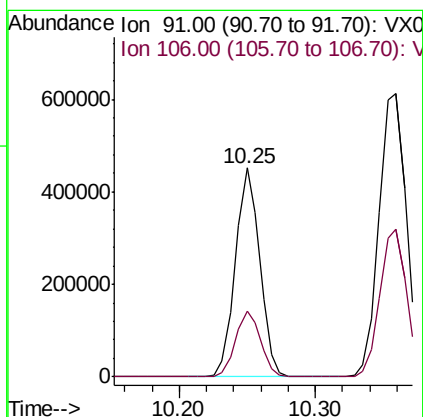
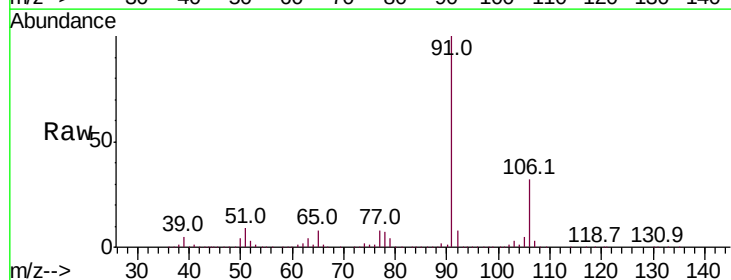
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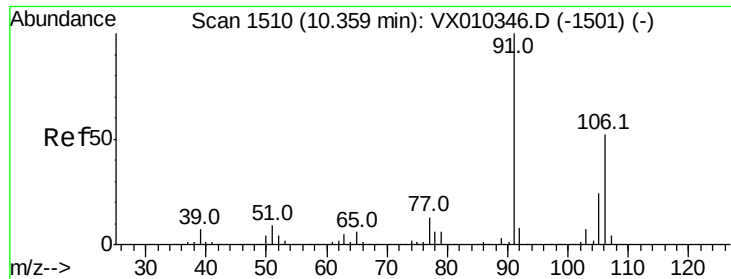
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 7/16/2019 10:47:57 AM



#67
 Ethyl Benzene
 Concen: 44.719 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.5	26.2	39.2





#68

m/p-Xylenes

Concen: 89.181 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

ClientSampled :

FL-0600MS

Tot Ion:106 Resp: 435122

Ion Ratio Lower Upper

106 100

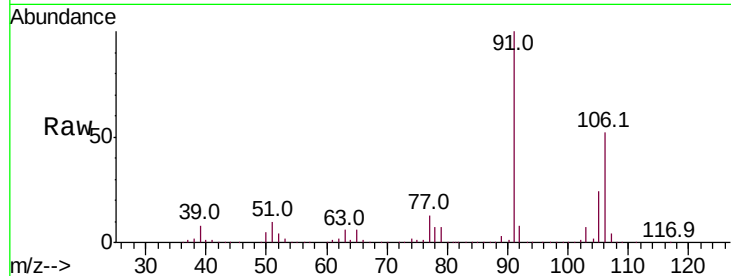
91 196.9 155.3 232.9

Manual Integrations

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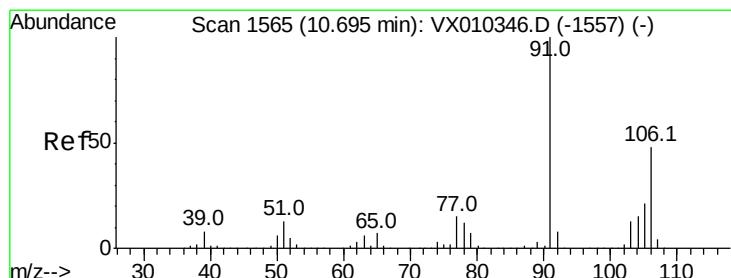
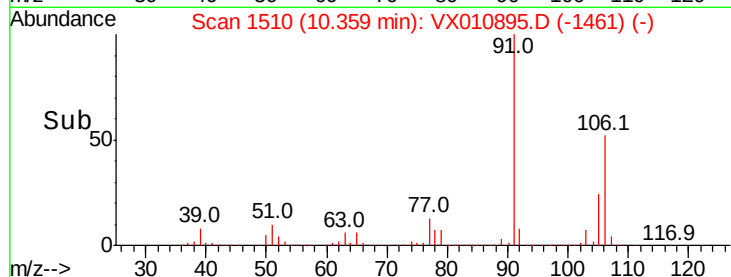
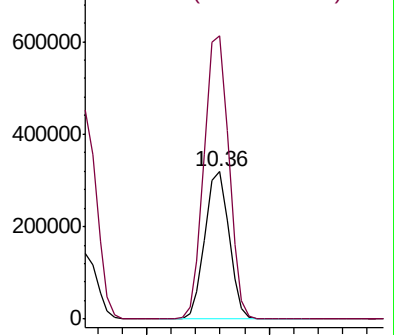
MMDadoda

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 44.838 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX010895.D

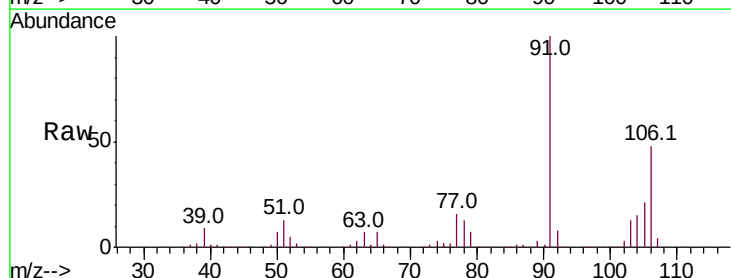
Acq: 15 Jul 2019 19:21

Tgt Ion:106 Resp: 215141

Ion Ratio Lower Upper

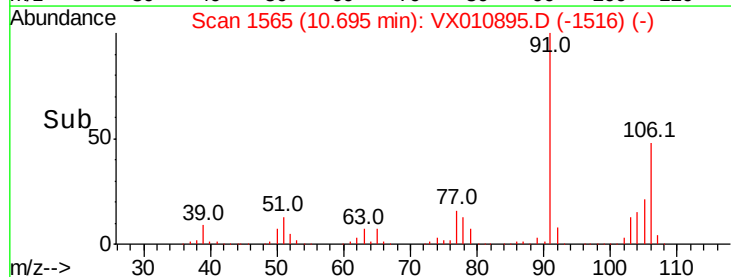
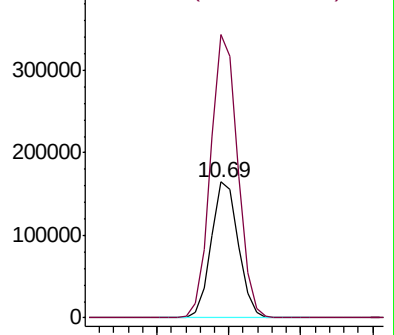
106 100

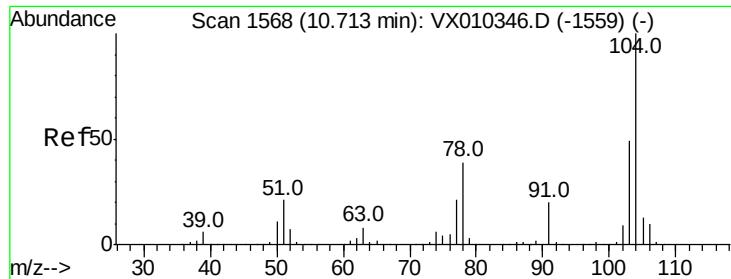
91 207.8 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





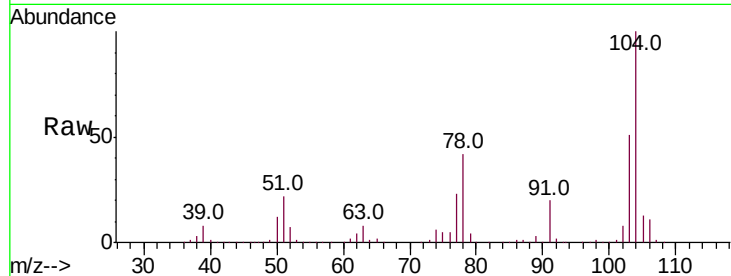
#70
Stvrene
Concen: 45.330 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.6	36.2	54.2
103	55.8	44.2	66.4

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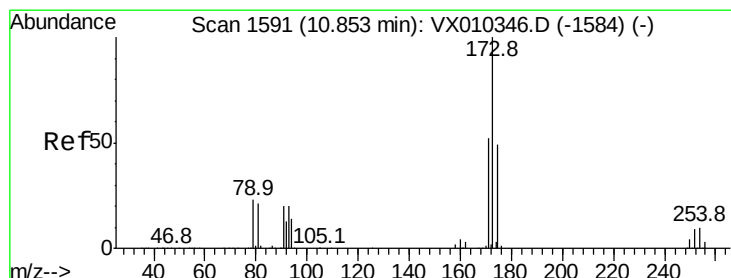
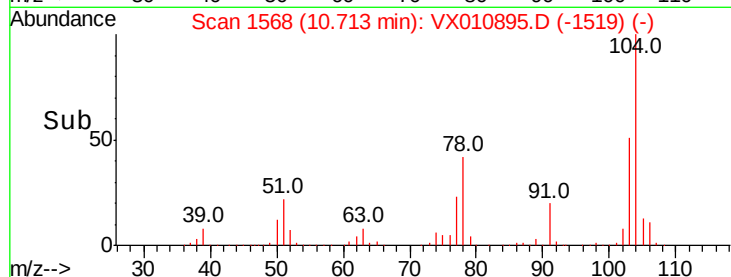
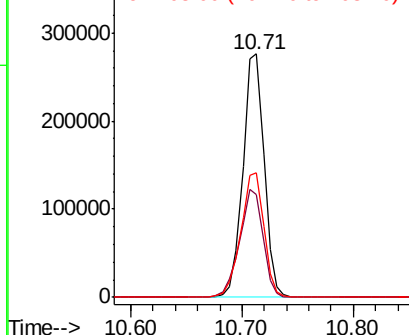


Abundance

Ion 104.00 (103.70 to 104.70): V

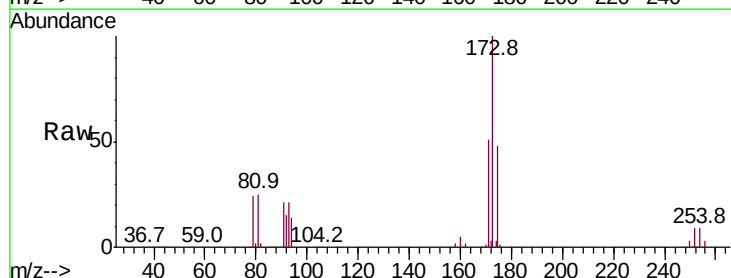
Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71
Bromoform
Concen: 43.095 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.1	72.3
254	0.2	0.2	0.2

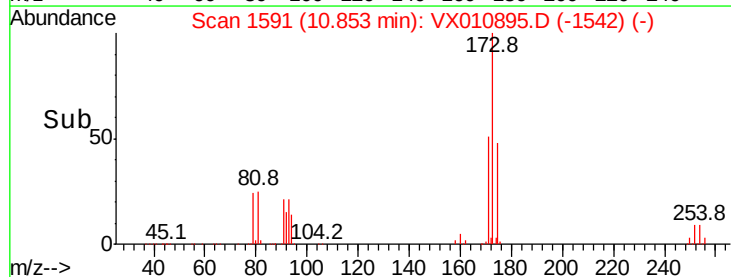
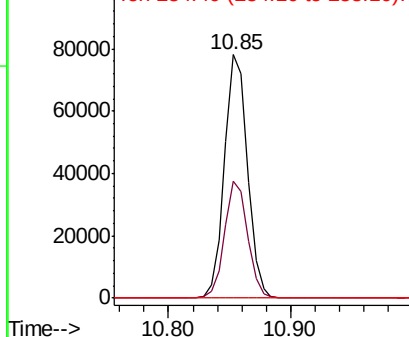


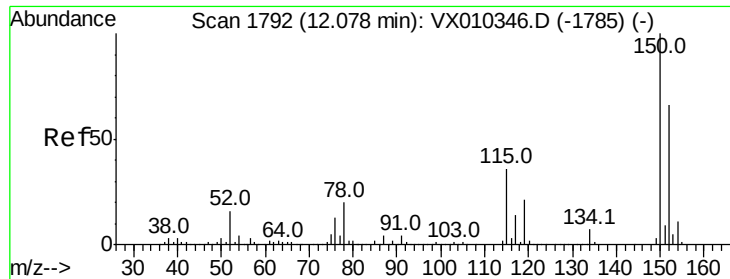
Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





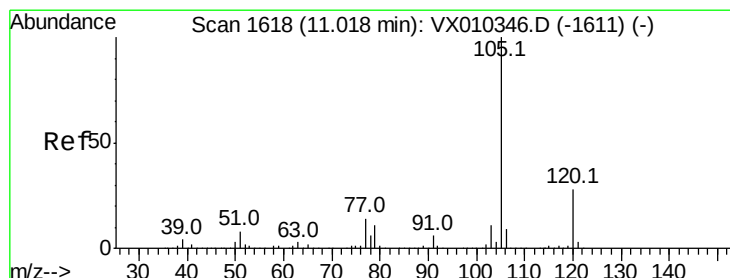
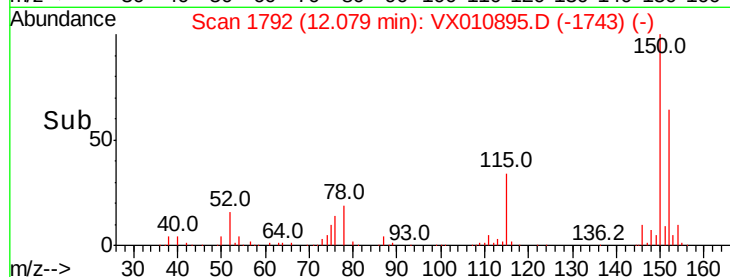
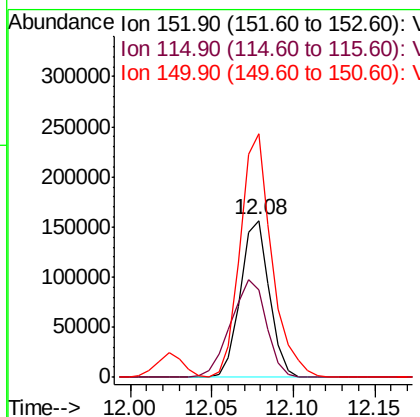
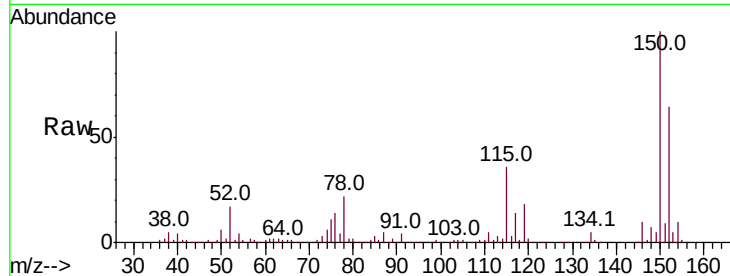
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	76.7	38.6	115.7
150	168.7	0.0	347.4

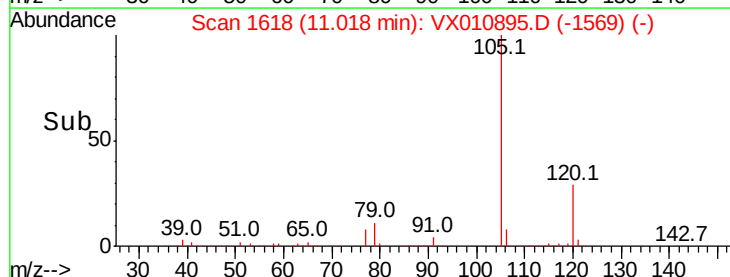
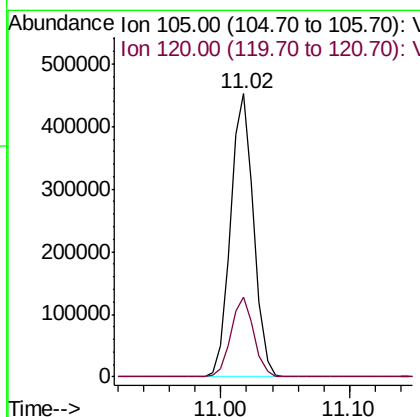
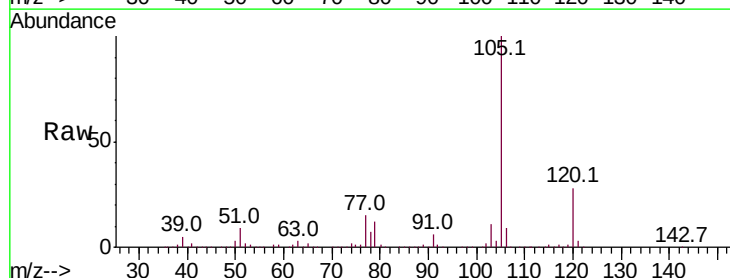
Manual Integrations
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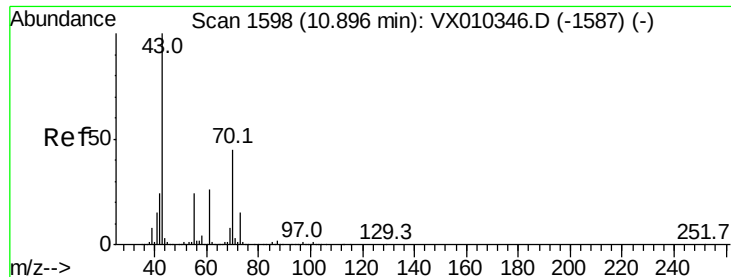
MMDadoda
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#73
 Isopropylbenzene
 Concen: 43.235 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	14.1	42.4





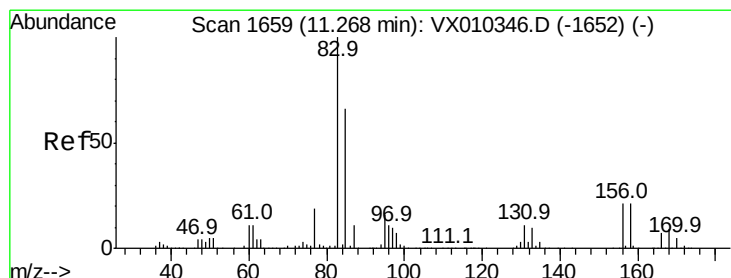
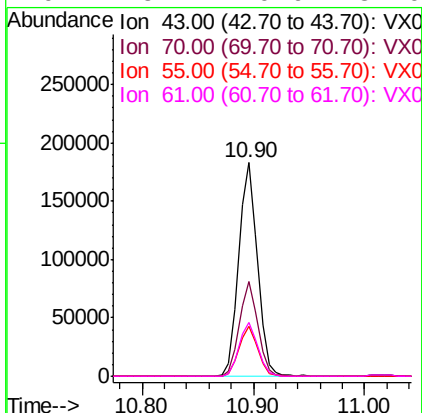
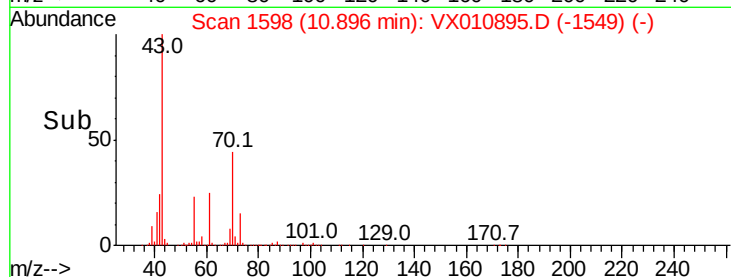
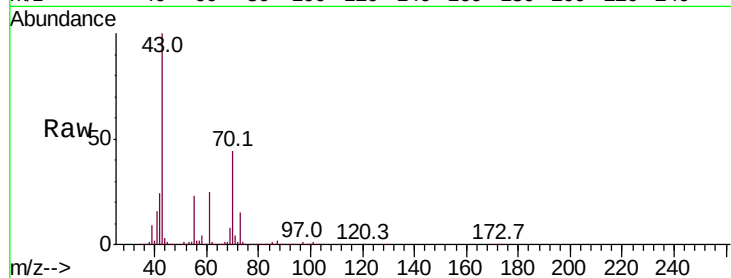
#74
N-amvl acetate
Concen: 42.989 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Instrument :
MSVOA_X
ClientSampled :
FL-0600MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	43.9	36.6	54.8		
55	23.7	18.7	28.1		
61	25.1	20.6	31.0		

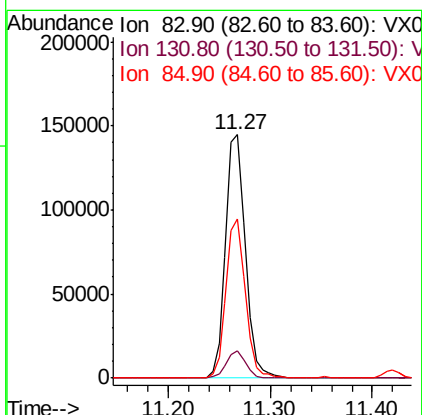
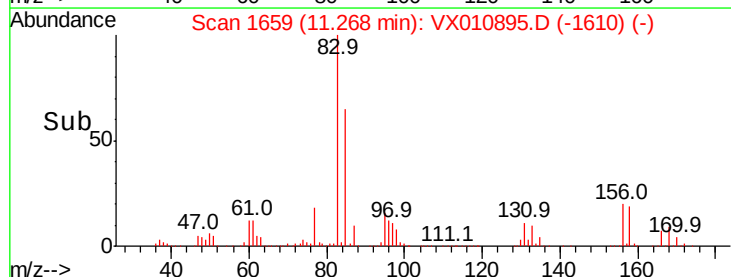
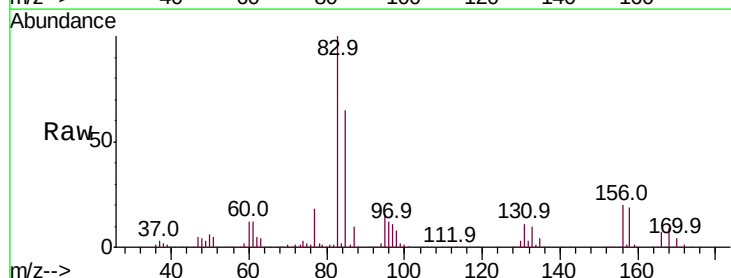
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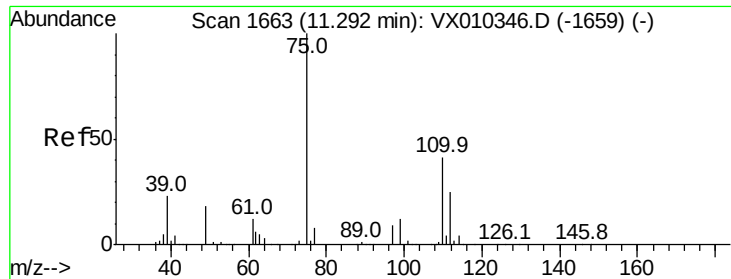
MMDadoda
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#75
1,1,2,2-Tetrachloroethane
Concen: 44.929 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	10.8	5.5	16.4		
85	63.9	32.3	96.8		





#76

1,2,3-Trichloropropane

Concen: 44.984 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MS

Tot Ion: 75 Resp: 158494

Ion Ratio Lower Upper

75 100

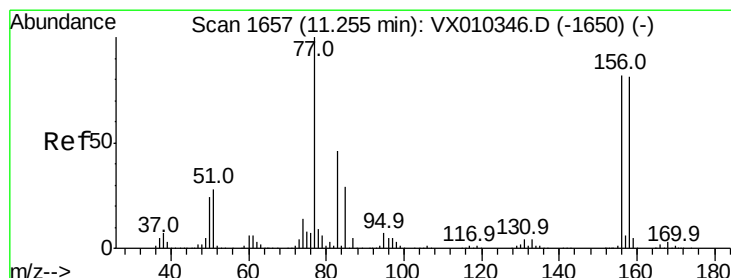
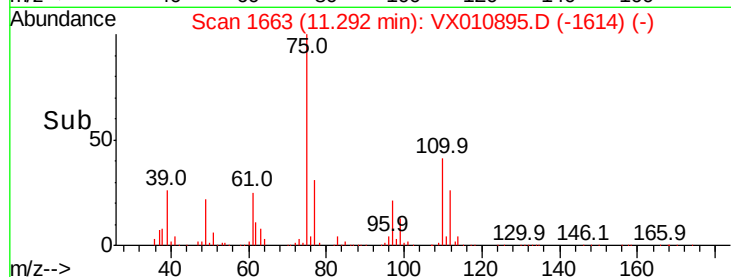
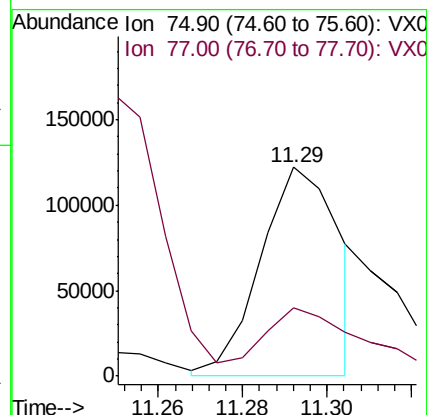
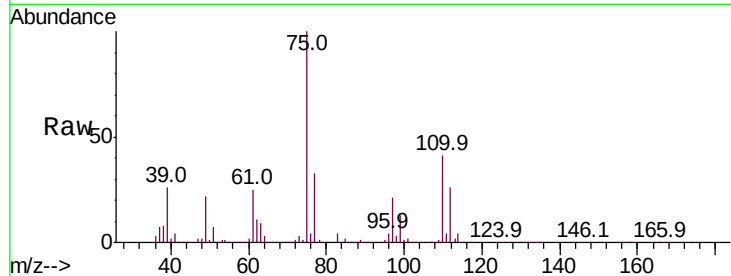
77 42.4 22.6 67.8

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#77

Bromobenzene

Concen: 43.117 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

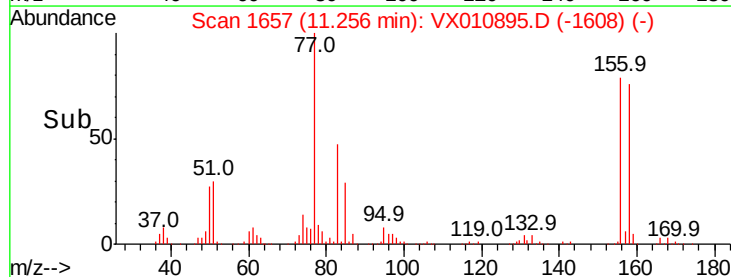
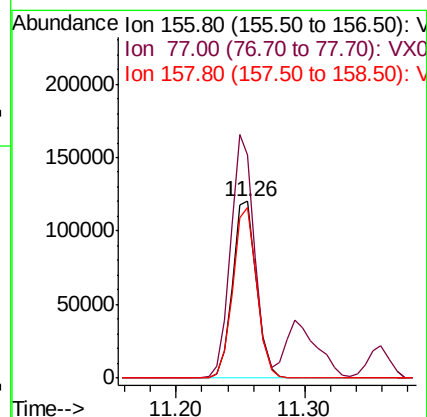
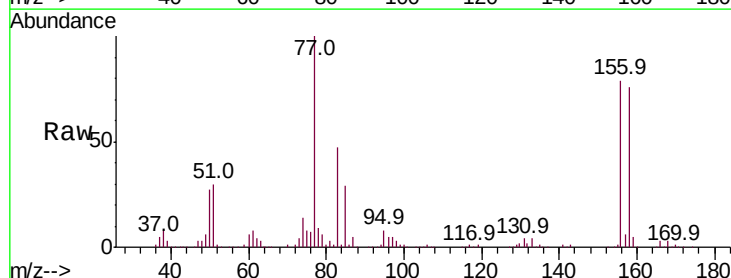
Tgt Ion: 156 Resp: 157799

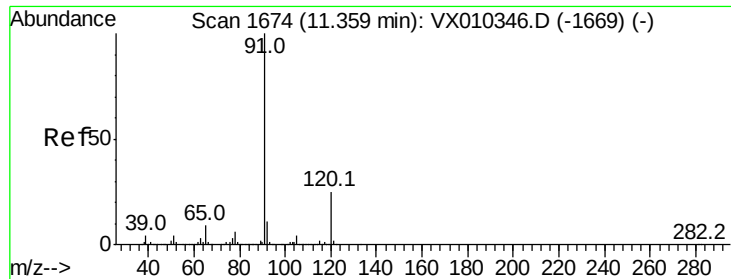
Ion Ratio Lower Upper

156 100

77 136.0 66.3 198.7

158 95.5 48.9 146.7





#78

n-propylbenzene

Concen: 44.640 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MS

Tot Ion: 91 Resp: 643027

Ion Ratio Lower Upper

91 100

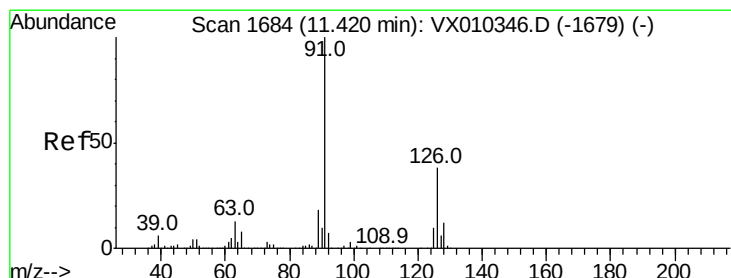
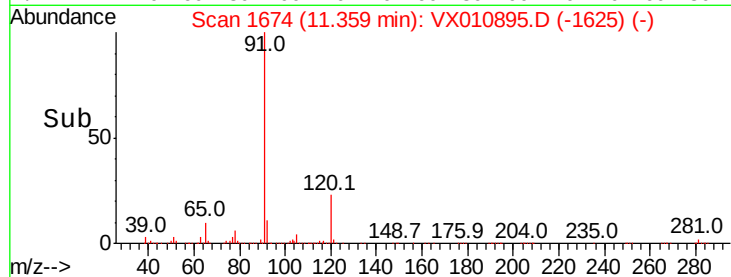
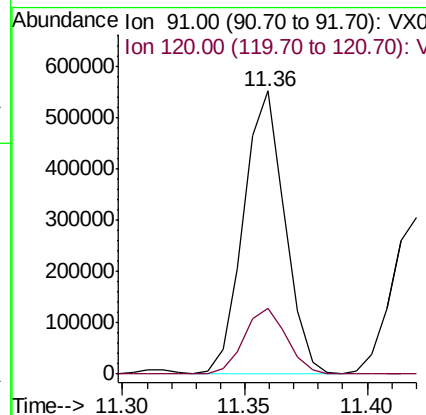
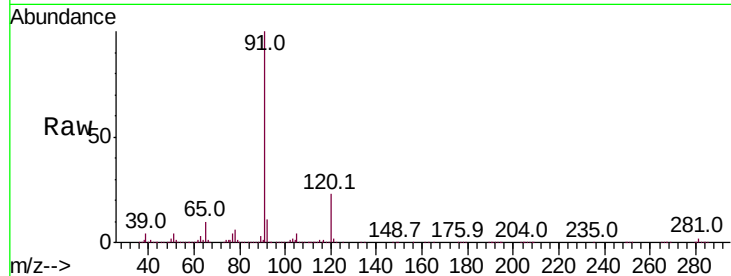
120 24.0 12.4 37.4

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#79

2-Chlorotoluene

Concen: 44.391 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010895.D

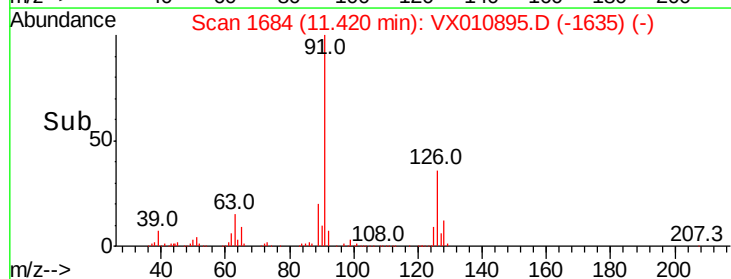
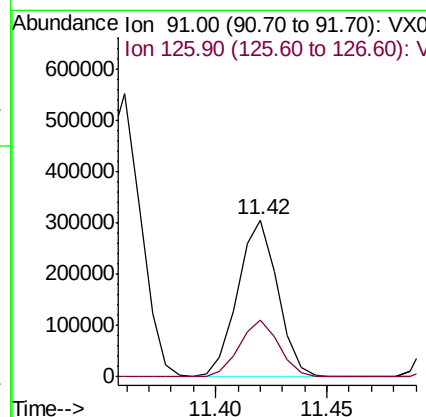
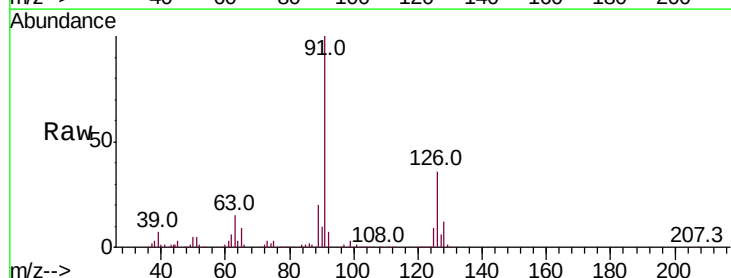
Acq: 15 Jul 2019 19:21

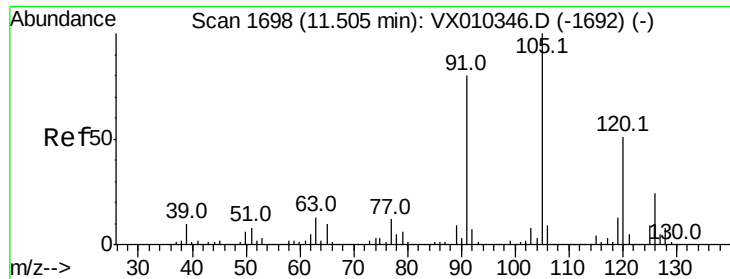
Tgt Ion: 91 Resp: 380770

Ion Ratio Lower Upper

91 100

126 36.1 18.7 56.1





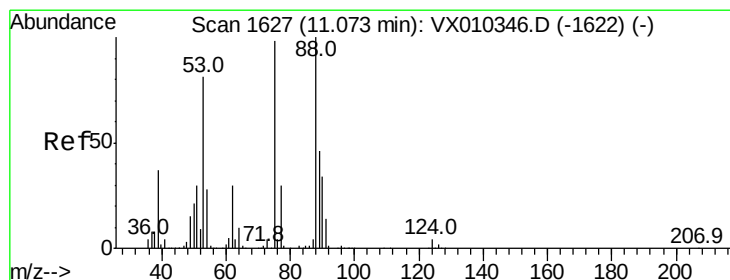
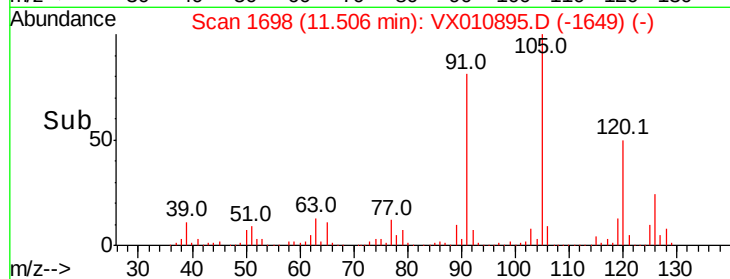
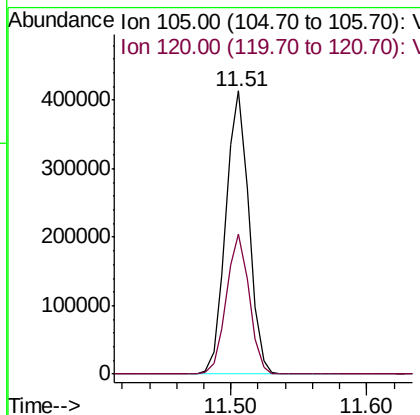
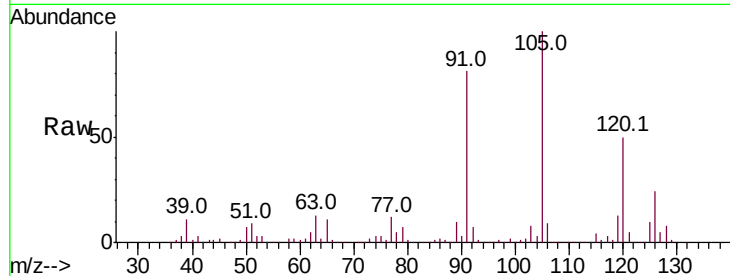
#80
 1,3,5-Trimethylbenzene
 Concen: 44.834 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0600MS

Tot Ion: 105 Resp: 484427
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.2 75.6

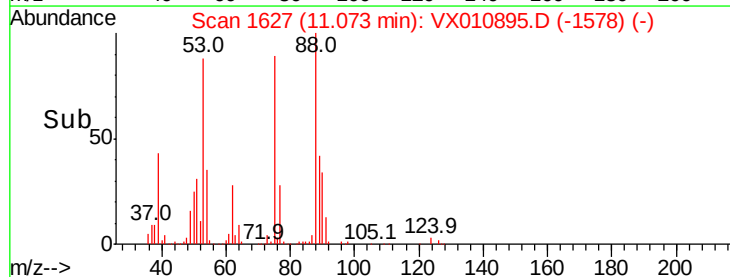
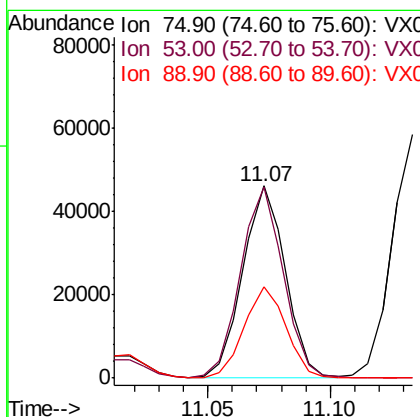
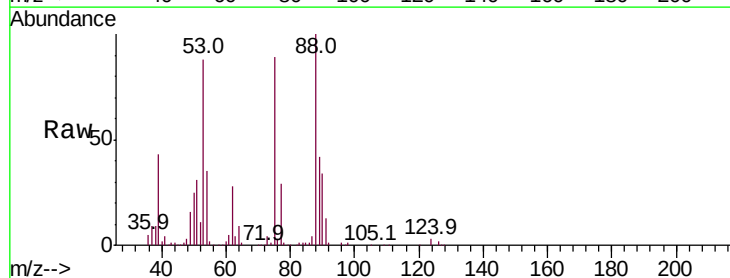
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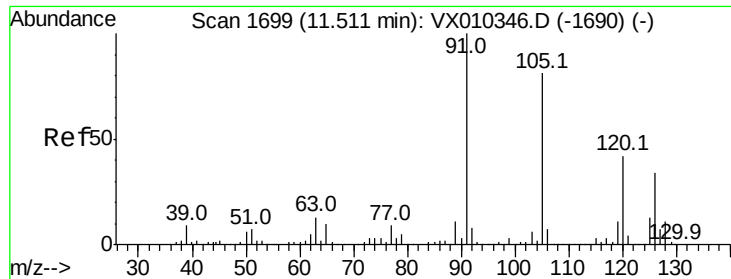
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 36.939 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Tgt Ion: 75 Resp: 55789
 Ion Ratio Lower Upper
 75 100
 53 99.3 66.1 99.1#
 89 47.1 37.8 56.6





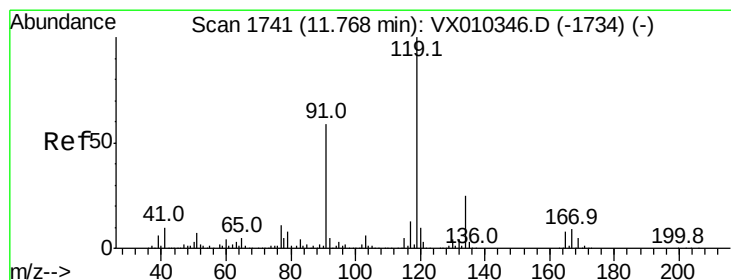
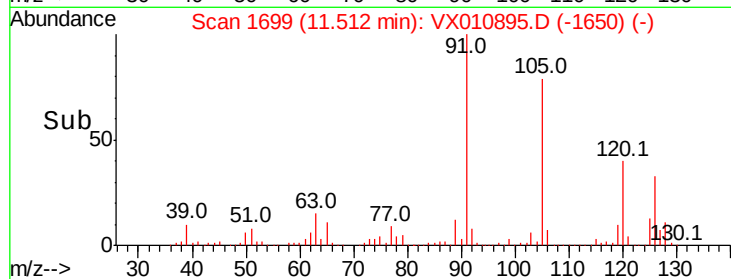
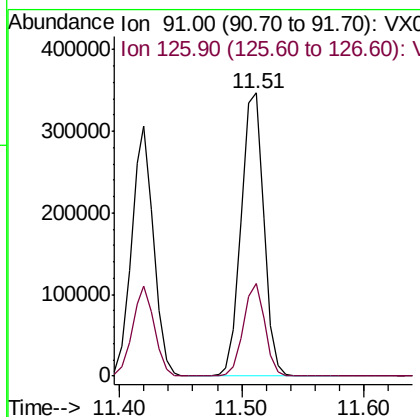
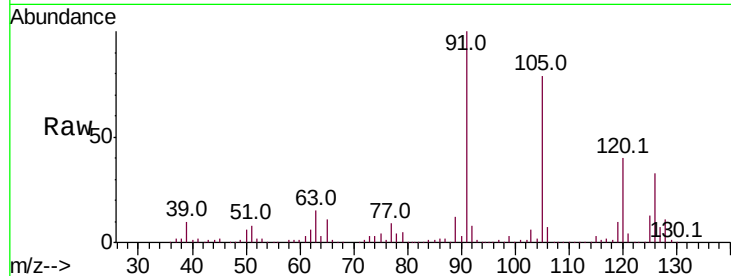
#82
4-Chlorotoluene
Concen: 45.480 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
FL-0600MS

Tot Ion: 91 Resp: 443912
Ion Ratio Lower Upper
91 100
126 31.1 16.2 48.6

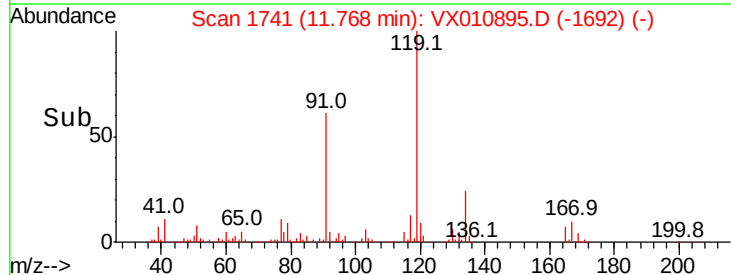
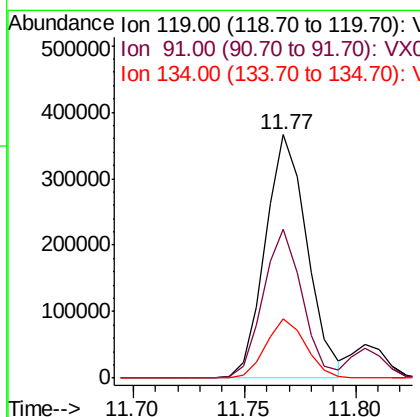
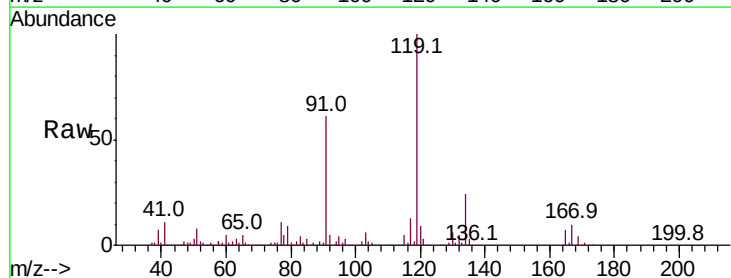
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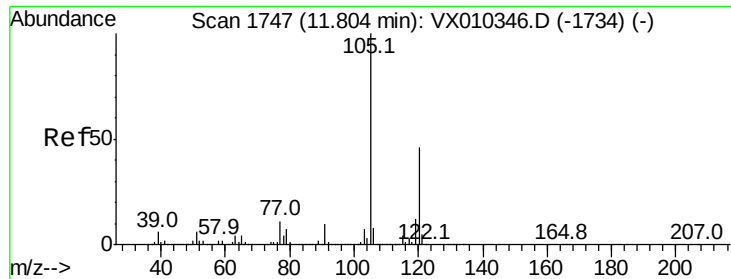
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#83
tert-Butylbenzene
Concen: 44.123 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Tgt Ion: 119 Resp: 478502
Ion Ratio Lower Upper
119 100
91 57.6 27.6 82.7
134 23.4 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 44.886 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

FL-0600MS

Tot Ion:105 Resp: 487258

Ion Ratio Lower Upper

105 100

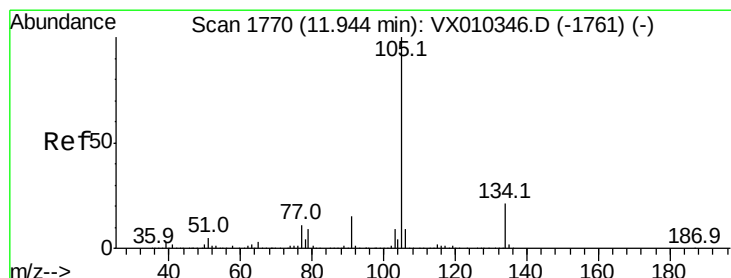
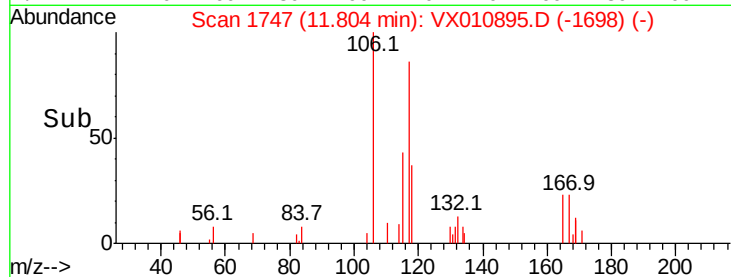
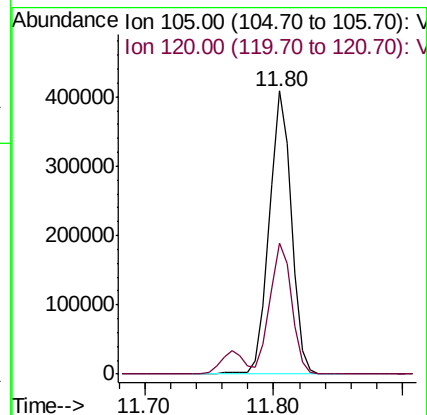
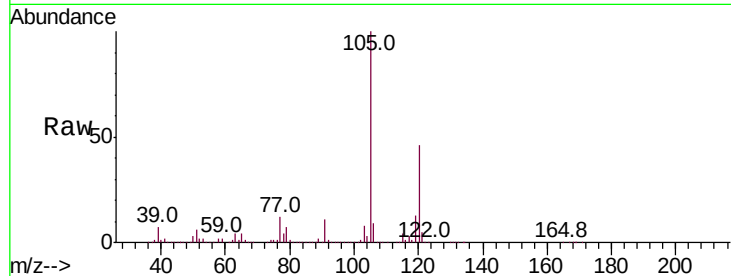
120 45.4 23.1 69.2

Manual Integrations

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#85

sec-Butylbenzene

Concen: 43.991 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010895.D

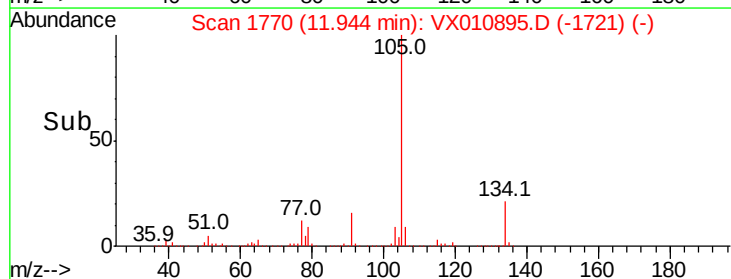
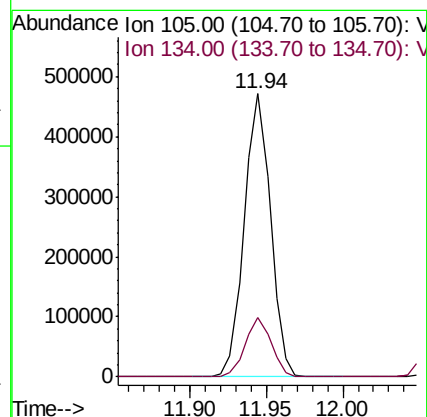
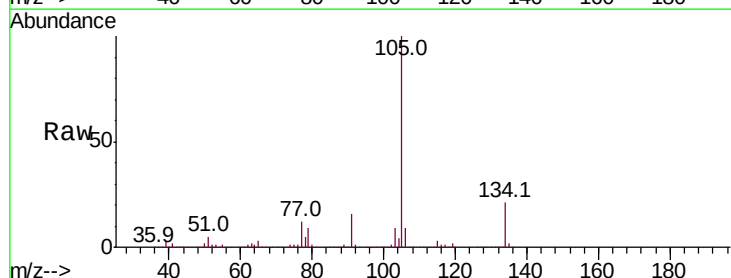
Acq: 15 Jul 2019 19:21

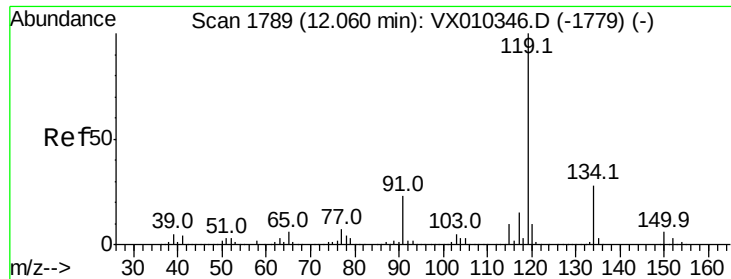
Tgt Ion:105 Resp: 560150

Ion Ratio Lower Upper

105 100

134 20.9 10.7 31.9





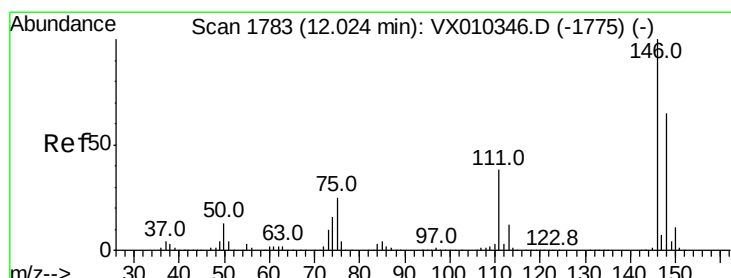
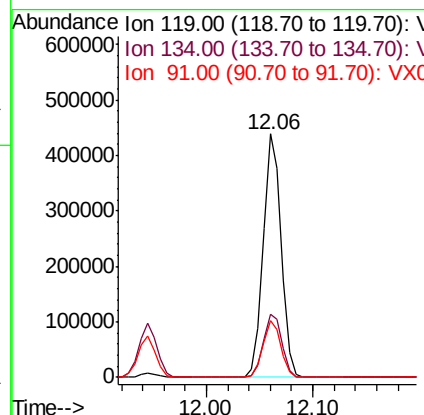
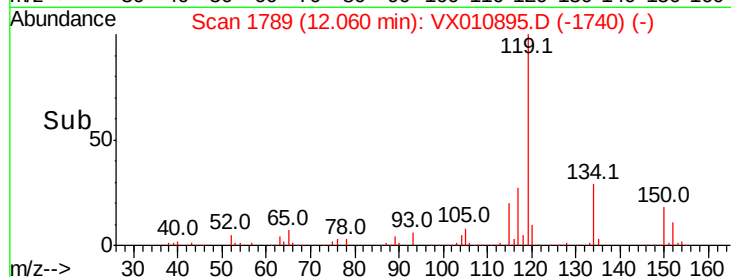
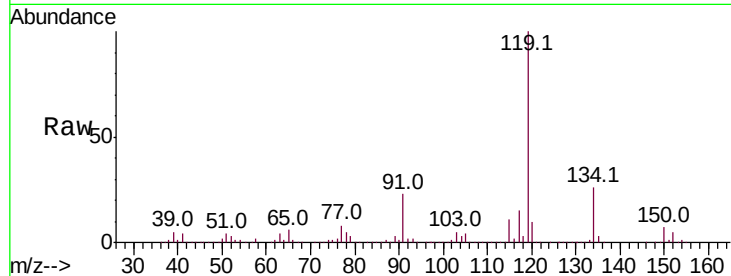
#86
 p-Isopropyltoluene
 Concen: 44.185 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	520405		
134	26.8		13.7	41.1
91	23.3		11.3	33.8

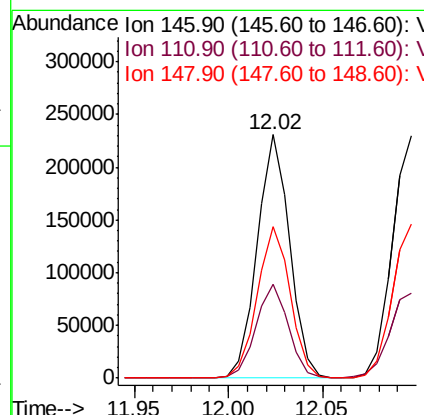
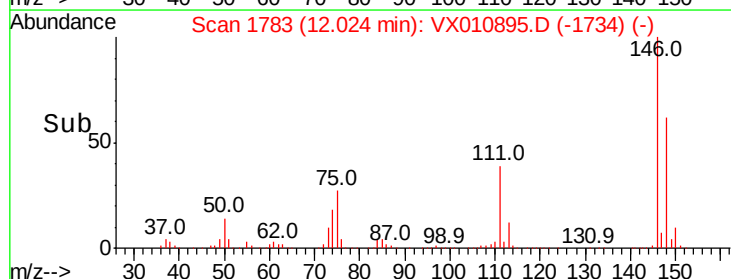
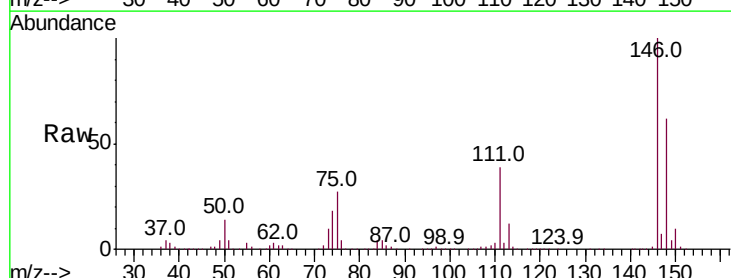
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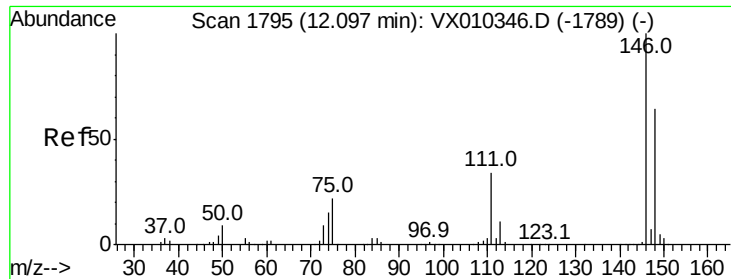
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#87
 1,3-Dichlorobenzene
 Concen: 43.112 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	275412		
111	38.5		19.1	57.1
148	63.3		32.5	97.4





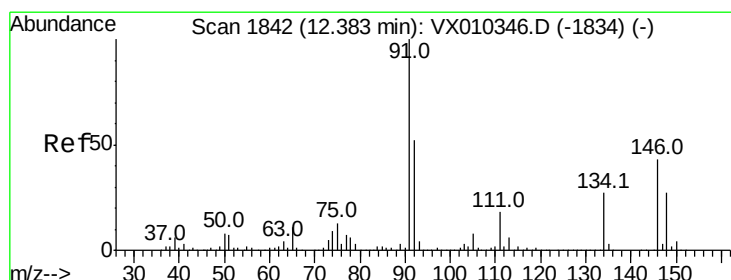
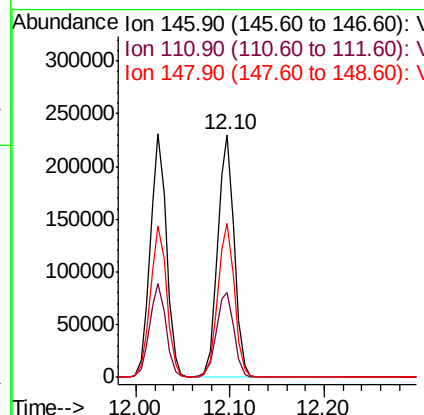
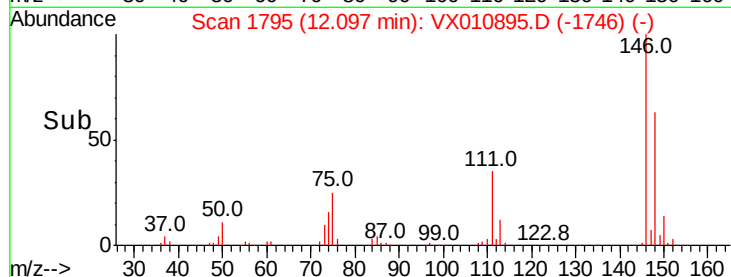
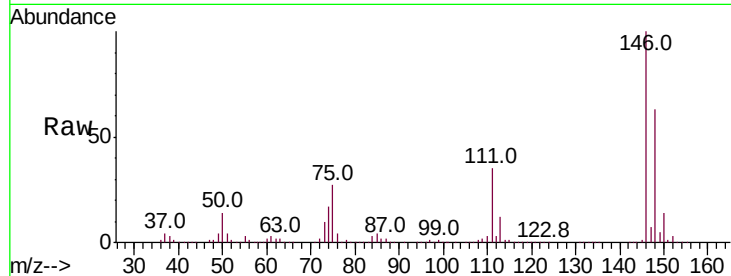
#88
 1,4-Dichlorobenzene
 Concen: 42.712 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.3
148	64.0	32.1	96.3

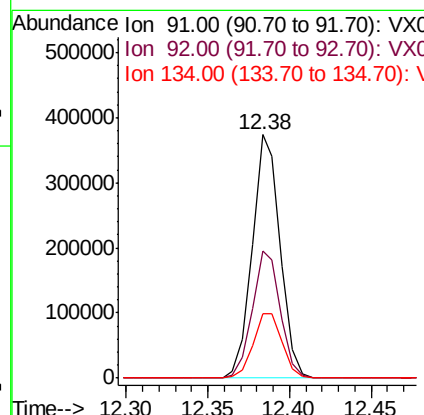
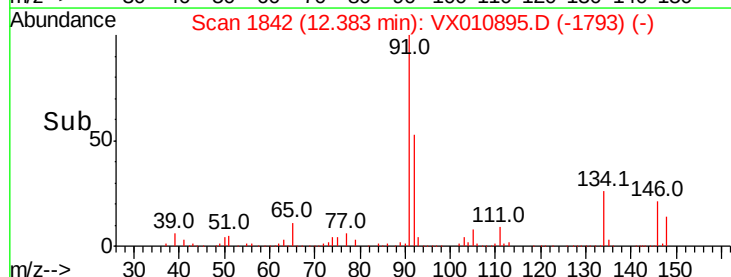
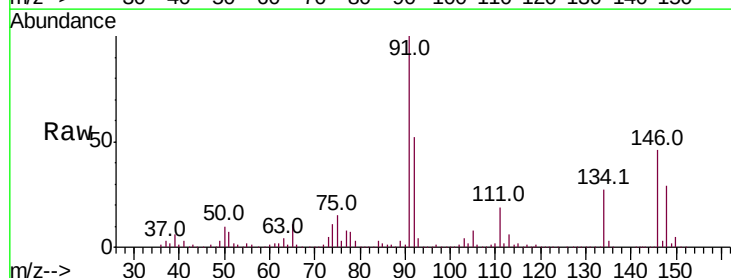
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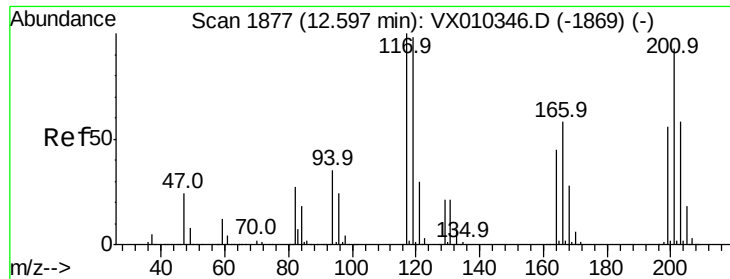
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#89
 n-Butylbenzene
 Concen: 44.495 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.2	78.5
134	27.6	14.1	42.4





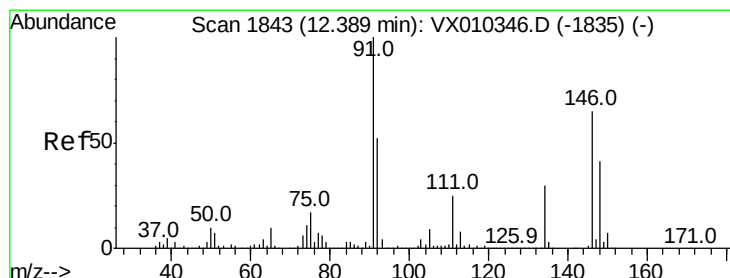
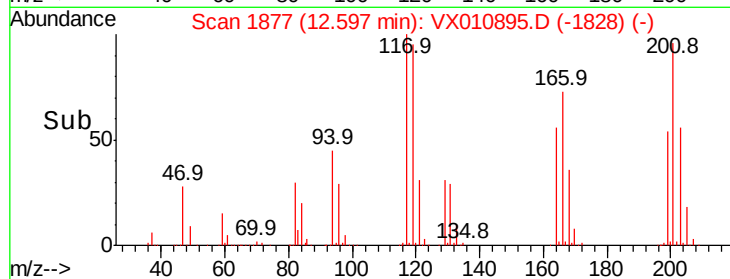
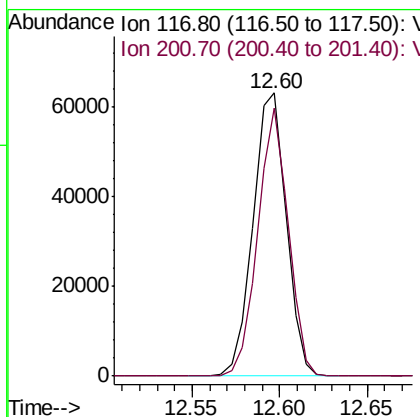
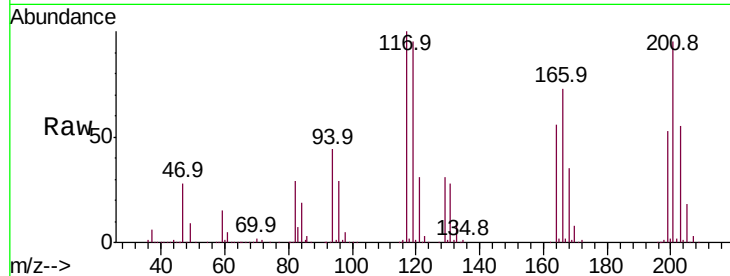
#90
Hexachloroethane
Concen: 41.031 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Instrument :
MSVOA_X
ClientSampled :
FL-0600MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	83560		
201	86.7	44.0	131.8	

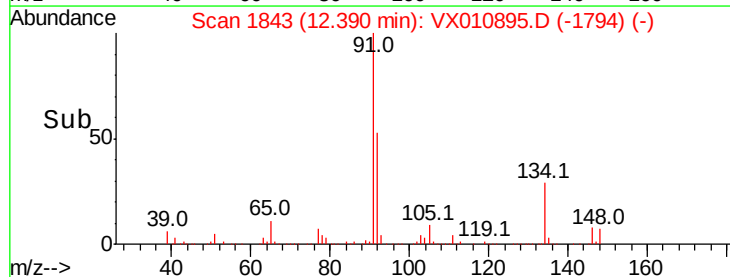
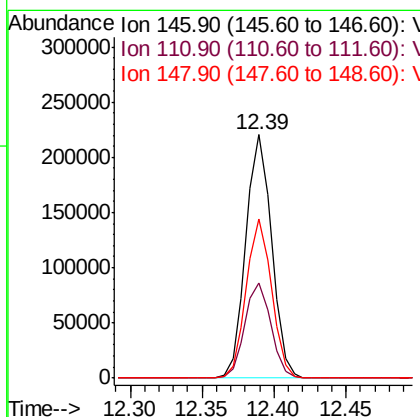
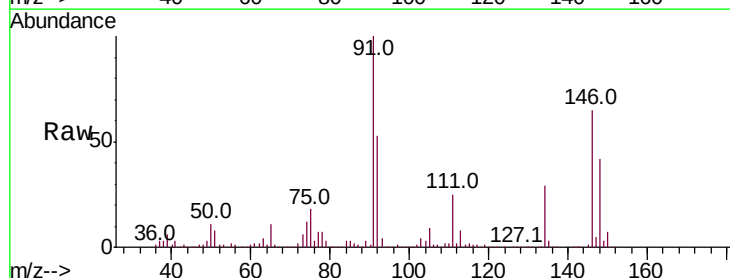
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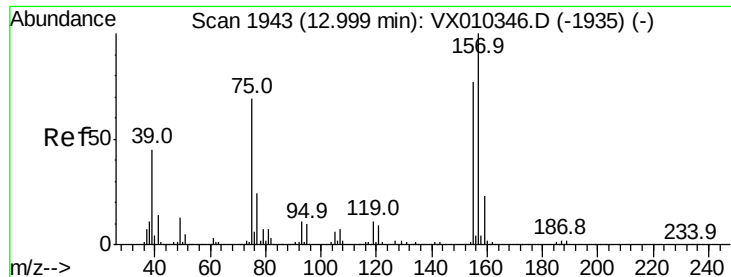
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#91
1,2-Dichlorobenzene
Concen: 42.952 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010895.D
Acq: 15 Jul 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	272710		
111	39.4	19.2	57.6	
148	64.2	32.0	96.0	





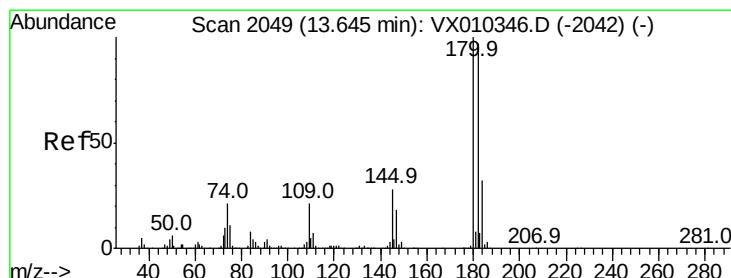
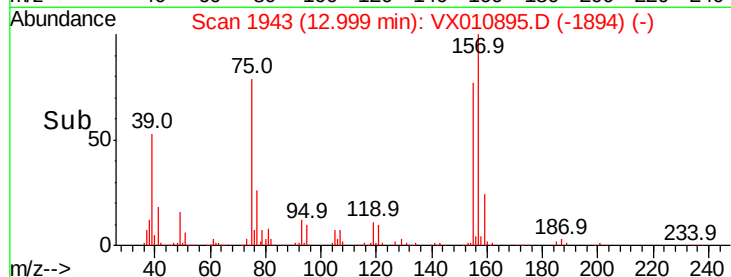
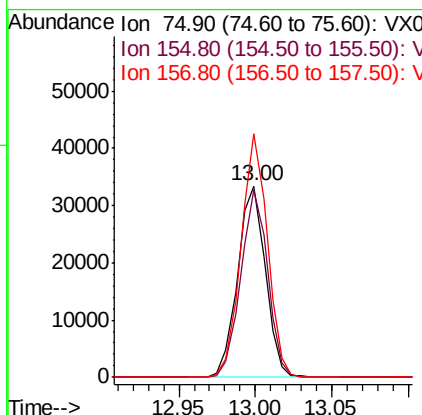
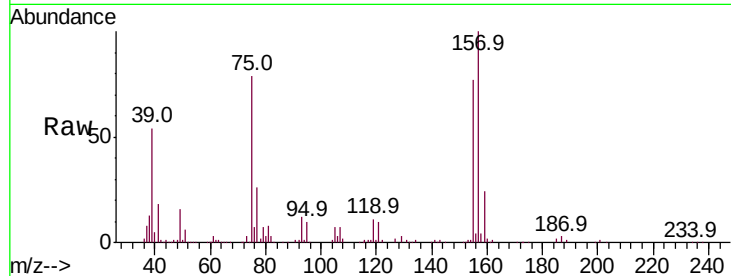
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.838 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MS

Tot Ion: 75 Resp: 41962
 Ion Ratio Lower Upper
 75 100
 155 95.0 54.4 163.1
 157 120.9 69.5 208.3

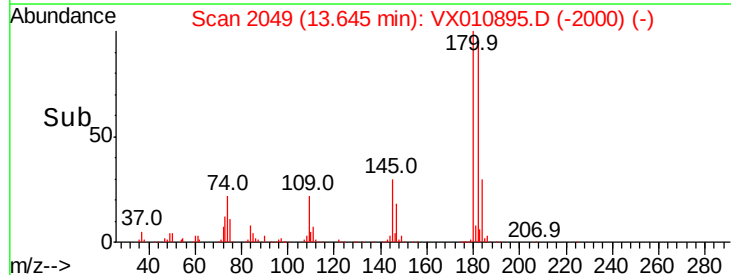
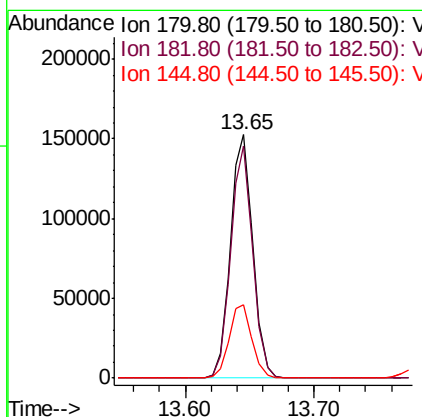
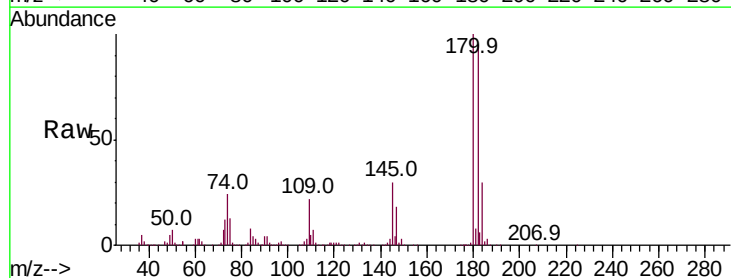
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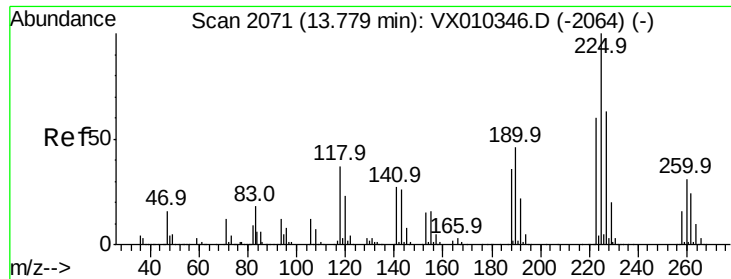
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#93
 1,2,4-Trichlorobenzene
 Concen: 42.151 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Tgt Ion: 180 Resp: 185595
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.0 144.0
 145 30.6 14.4 43.4





#94

Hexachlorobutadiene

Concen: 41.236 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Instrument :

MSVOA_X

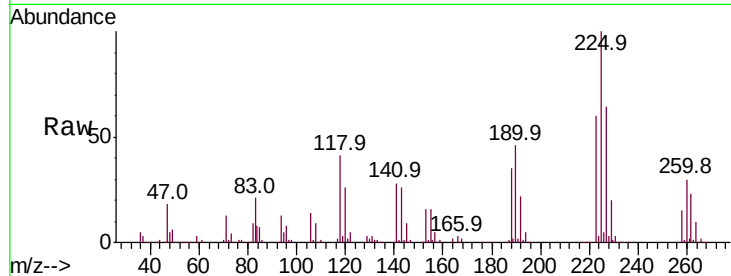
ClientSampled :

FL-0600MS

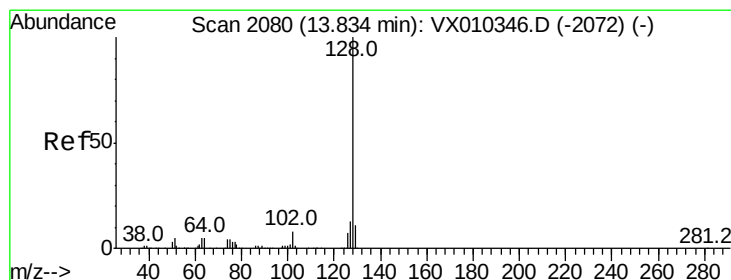
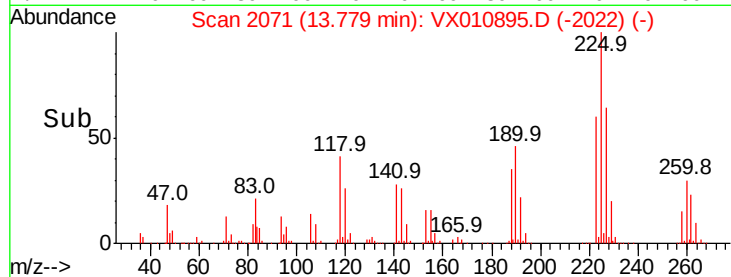
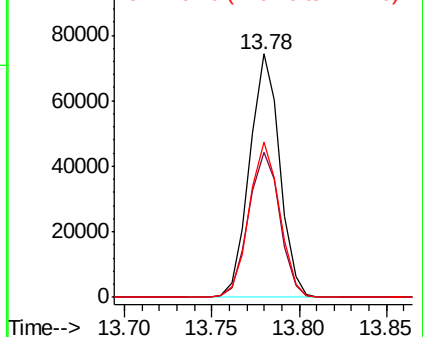
Tot Ion:	225	Resp:	88738
Ion Ratio	Lower	Upper	
225	100		
223	62.0	30.9	92.7
227	64.3	31.9	95.5

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



#95

Naphthalene

Concen: 41.913 ug/l

RT: 13.83 min Scan# 2080

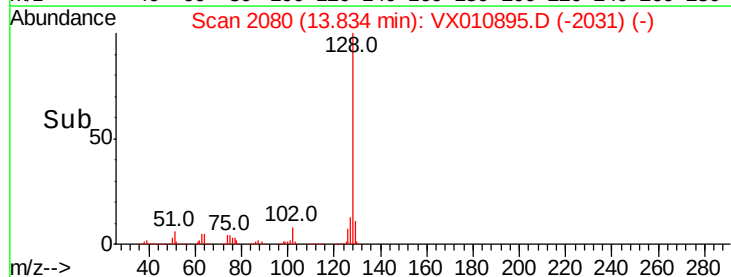
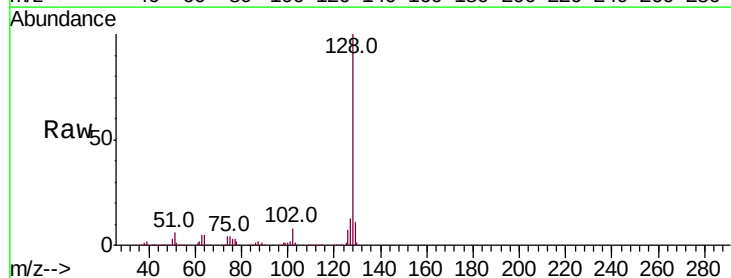
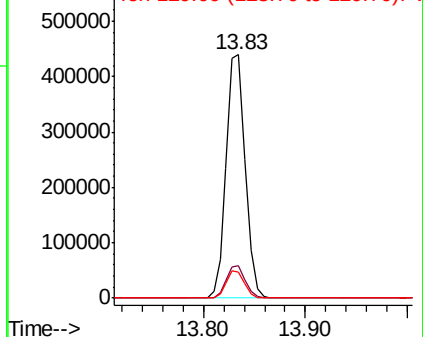
Delta R.T. 0.00 min

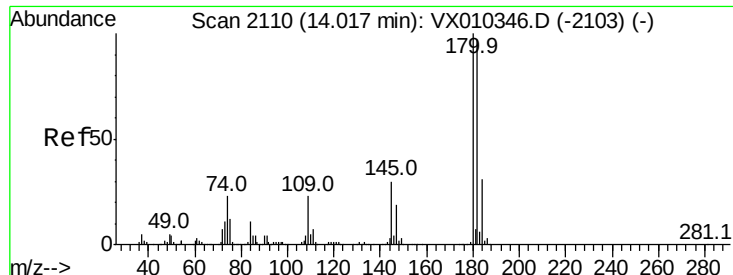
Lab File: VX010895.D

Acq: 15 Jul 2019 19:21

Tgt Ion:	128	Resp:	567124
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.4
129	11.0	8.9	13.3

Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 42.319 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010895.D
 Acq: 15 Jul 2019 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MS

Tot Ion:180	Resp:	185265
Ion Ratio	Lower	Upper
180 100		
182 96.2	47.8	143.3
145 31.2	15.2	45.6

Manual Integrations
 APPROVED

MMDadoda
 7/16/2019 10:47:57 AM

