

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010399.D
 Acq On : 21 Jun 2019 20:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/24/2019 11:21:39 AM

Quant Time: Jun 22 01:09:48 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	266622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	406845	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	369712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183213	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	123339	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
35) Dibromofluoromethane	5.50	113	121359	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
50) Toluene-d8	8.71	98	461743	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.13	95	164543	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	89789	48.440	ug/l	98
3) Chloromethane	1.32	50	96362	44.644	ug/l	99
4) Vinyl Chloride	1.41	62	112191	47.455	ug/l	100
5) Bromomethane	1.64	94	48687	42.272	ug/l	96
6) Chloroethane	1.71	64	69487	49.819	ug/l	96
7) Trichlorofluoromethane	1.93	101	187656	50.072	ug/l	97
8) Diethyl Ether	2.19	74	68971	51.318	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	111975	49.303	ug/l	99
10) Methyl Iodide	2.51	142	127058	39.200	ug/l	99
11) Tert butyl alcohol	3.05	59	155393	237.557	ug/l	99
12) 1,1-Dichloroethene	2.37	96	113134	48.954	ug/l	98
13) Acrolein	2.29	56	82480	190.076	ug/l	99
14) Allyl chloride	2.73	41	167085	50.925	ug/l	100
15) Acrylonitrile	3.14	53	336664	259.952	ug/l	100
16) Acetone	2.45	43	276948	221.055	ug/l	99
17) Carbon Disulfide	2.57	76	292015	47.098	ug/l	98
18) Methyl Acetate	2.78	43	129181	51.735	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	372254	51.202	ug/l	100
20) Methylene Chloride	2.85	84	129077	50.063	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	123639	49.744	ug/l	98
22) Diisopropyl ether	3.86	45	350712	51.126	ug/l	89
23) Vinyl Acetate	3.82	43	1561509	263.496	ug/l	100
24) 1,1-Dichloroethane	3.70	63	202522	51.075	ug/l	99
25) 2-Butanone	4.68	43	457845	249.131	ug/l	99
26) 2,2-Dichloropropane	4.59	77	148400	43.083	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	145734	50.739	ug/l	98
28) Bromochloromethane	5.01	49	90439	47.704	ug/l	98
29) Tetrahydrofuran	5.13	42	294424	258.646	ug/l	100
30) Chloroform	5.21	83	214729	50.331	ug/l	96
31) Cyclohexane	5.58	56	182083	50.426	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	194027	51.505	ug/l	99
36) 1,1-Dichloropropene	5.80	75	156504	48.408	ug/l	99
37) Ethyl Acetate	4.84	43	173633	52.205	ug/l	100
38) Carbon Tetrachloride	5.79	117	172718	49.335	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205091	48.260	ug/l	99
40) Benzene	6.15	78	503539	49.992	ug/l	100
41) Methacrylonitrile	5.04	41	93072	51.001	ug/l	98
42) 1,2-Dichloroethane	6.20	62	157069	51.229	ug/l	99
43) Isopropyl Acetate	6.45	43	283698	51.555	ug/l	99
44) Trichloroethene	7.21	130	148467	49.260	ug/l	98
45) 1,2-Dichloropropane	7.51	63	126030	49.549	ug/l	97
46) Dibromomethane	7.66	93	90894	49.807	ug/l	100
47) Bromodichloromethane	7.90	83	167266	50.013	ug/l	100
48) Methyl methacrylate	7.77	41	132354	51.746	ug/l	99
49) 1,4-Dioxane	7.74	88	70377	955.132	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	900252	255.799	ug/l	99
52) Toluene	8.79	92	329296	49.645	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	182433	48.654	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	202112	49.601	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	136704	49.972	ug/l	99
56) Ethyl methacrylate	9.18	69	211638	51.070	ug/l	99
57) 1,3-Dichloropropane	9.37	76	214252	50.454	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	503158	255.653	ug/l	99
59) 2-Hexanone	9.49	43	685998	247.664	ug/l	100
60) Dibromochloromethane	9.58	129	152381	49.750	ug/l	99
61) 1,2-Dibromoethane	9.67	107	150234	50.879	ug/l	100
64) Tetrachloroethene	9.34	164	148525	49.668	ug/l	99
65) Chlorobenzene	10.14	112	372182	49.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	139471	51.013	ug/l	99
67) Ethyl Benzene	10.25	91	632030	49.878	ug/l	99
68) m/p-Xylenes	10.36	106	483713	98.518	ug/l	99
69) o-Xylene	10.69	106	239471	49.596	ug/l	99
70) Styrene	10.71	104	406959	50.258	ug/l	99
71) Bromoform	10.85	173	120403	50.641	ug/l	100
73) Isopropylbenzene	11.02	105	635417	51.163	ug/l	98
74) N-amyl acetate	10.90	43	246898	52.603	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	210942	51.286	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	170665m	51.118	ug/l	
77) Bromobenzene	11.26	156	171625	49.490	ug/l	99
78) n-propylbenzene	11.36	91	700266	51.303	ug/l	100
79) 2-Chlorotoluene	11.42	91	404719	49.793	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	519853	50.775	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	68047	47.549	ug/l	98
82) 4-Chlorotoluene	11.51	91	468321	50.636	ug/l	99
83) tert-Butylbenzene	11.77	119	517487	50.358	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	529250	51.451	ug/l	99
85) sec-Butylbenzene	11.94	105	614322	50.915	ug/l	100
86) p-Isopropyltoluene	12.06	119	562317	50.385	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	300399	49.625	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	294451	47.779	ug/l	99
89) n-Butylbenzene	12.38	91	480102	50.625	ug/l	99
90) Hexachloroethane	12.60	117	99489	51.555	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	294142	48.890	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44576	50.267	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	206611	49.520	ug/l	100
94) Hexachlorobutadiene	13.78	225	96689	47.417	ug/l	99
95) Naphthalene	13.83	128	657680	51.295	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	207892	50.115	ug/l	99

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

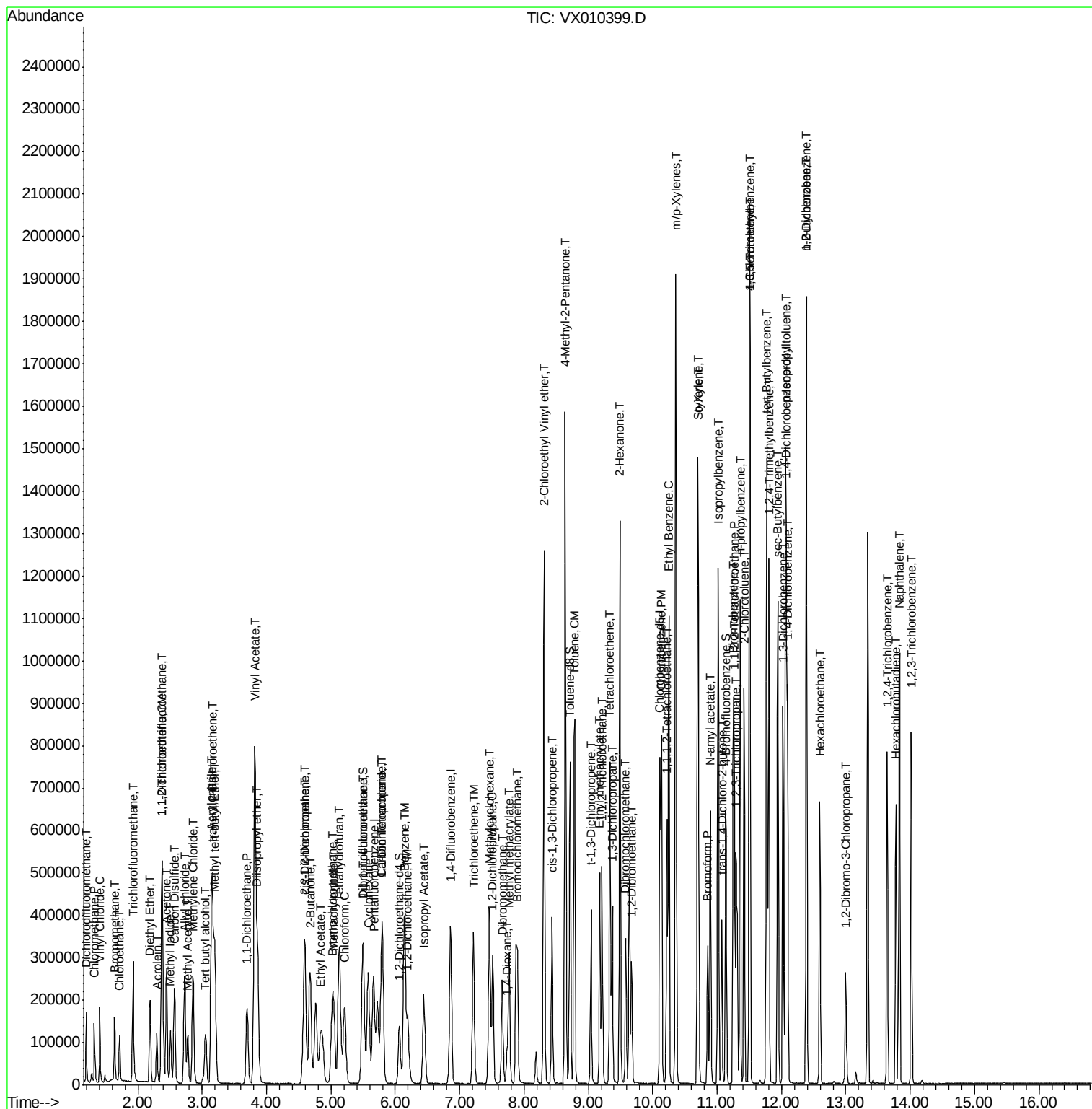
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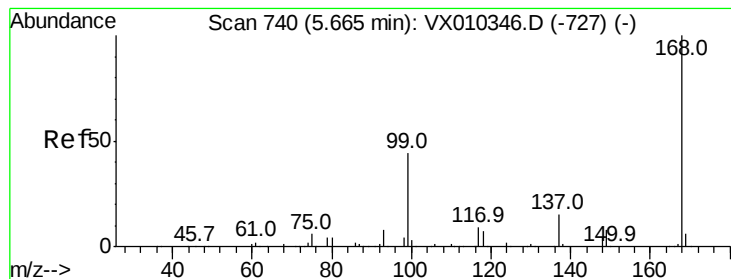
Instrument :
 MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 266622

Ion Ratio Lower Upper

168 100

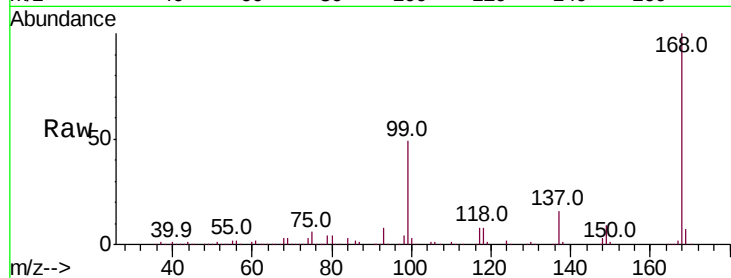
99 48.4 35.5 53.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

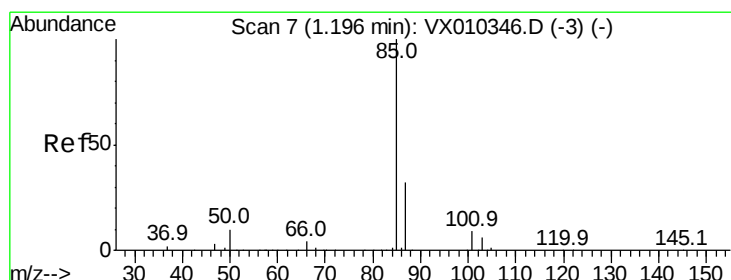
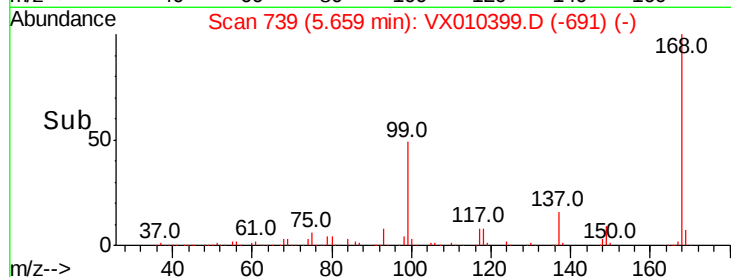
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.440 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010399.D

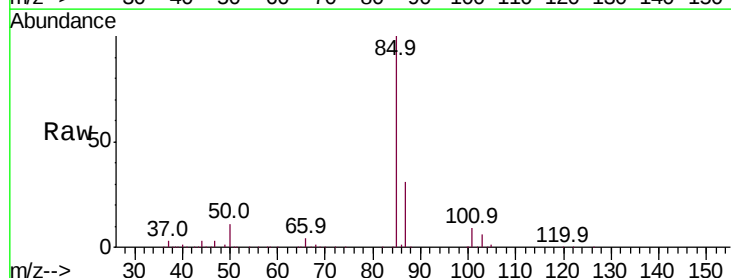
Acq: 21 Jun 2019 20:52

Tgt Ion: 85 Resp: 89789

Ion Ratio Lower Upper

85 100

87 31.4 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

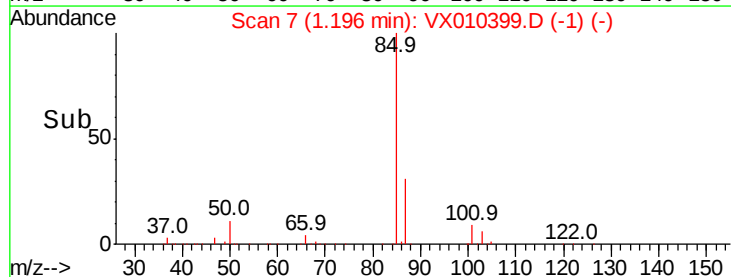
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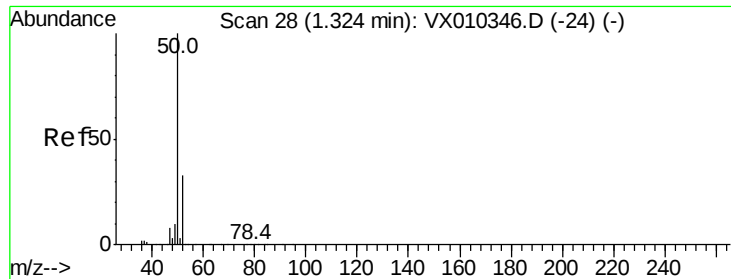
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.644 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 96362

Ion Ratio Lower Upper

50 100

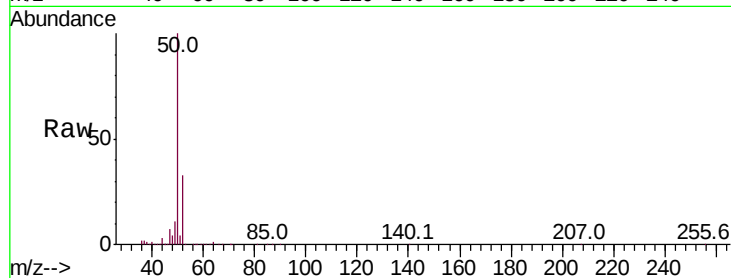
52 32.7 26.5 39.7

Manual Integrations

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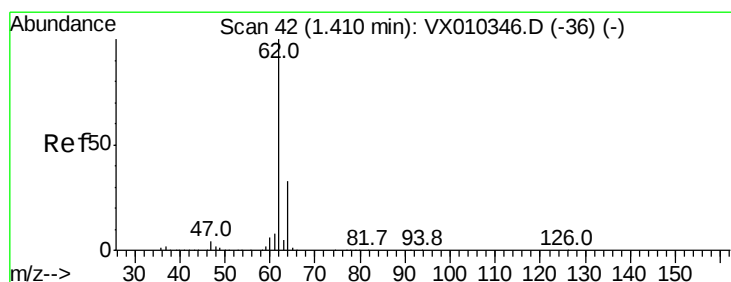
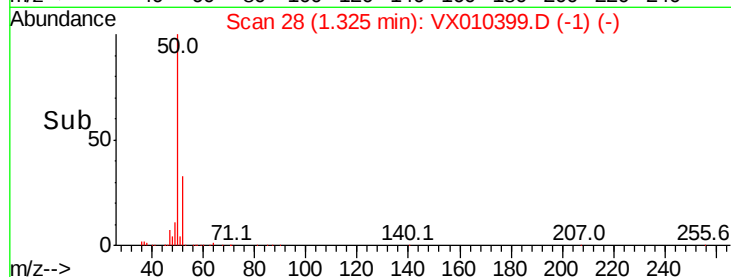
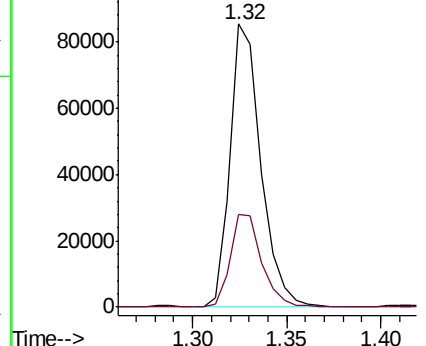
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.455 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010399.D

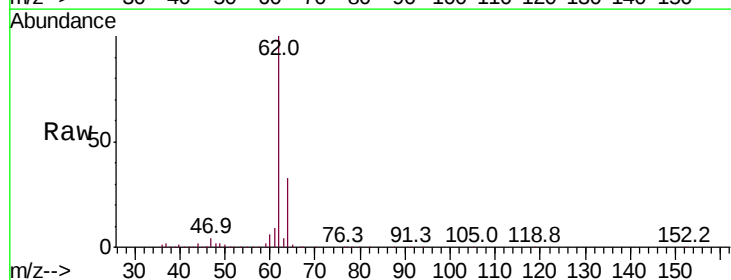
Acq: 21 Jun 2019 20:52

Tgt Ion: 62 Resp: 112191

Ion Ratio Lower Upper

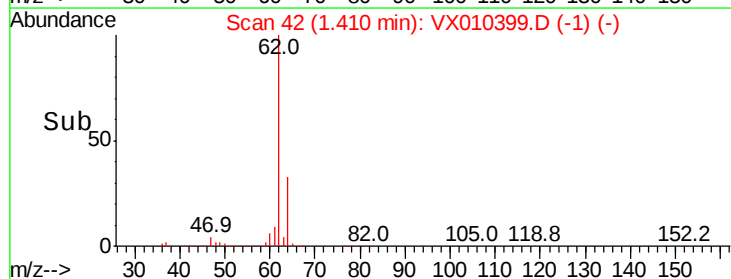
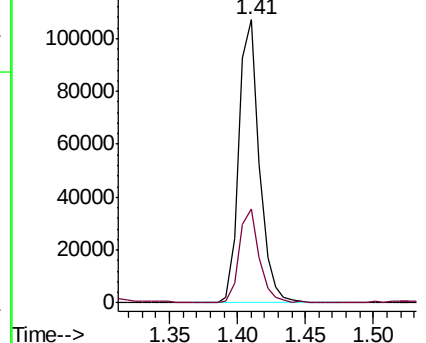
62 100

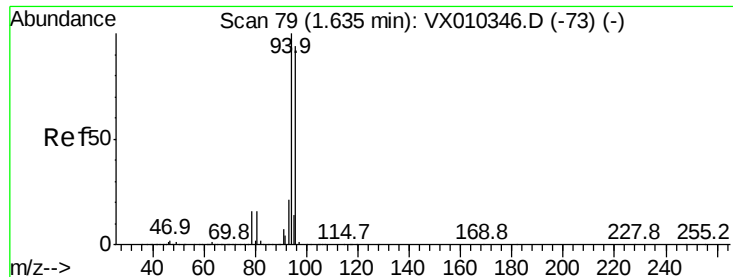
64 32.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 42.272 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 48687

Ion Ratio Lower Upper

94 100

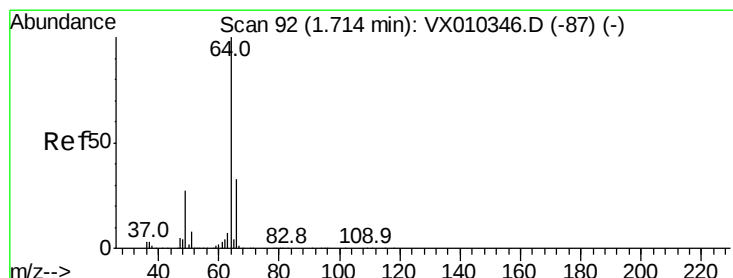
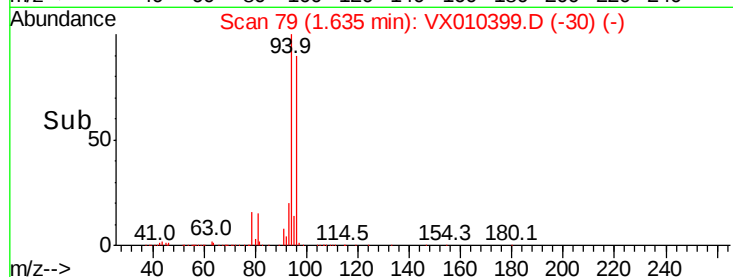
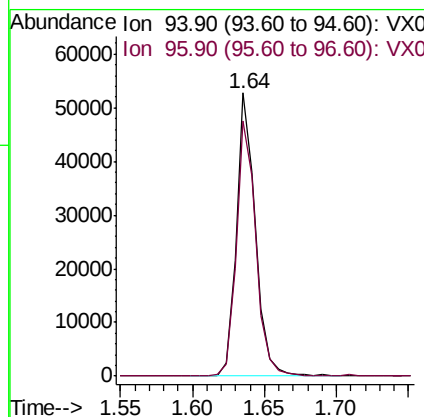
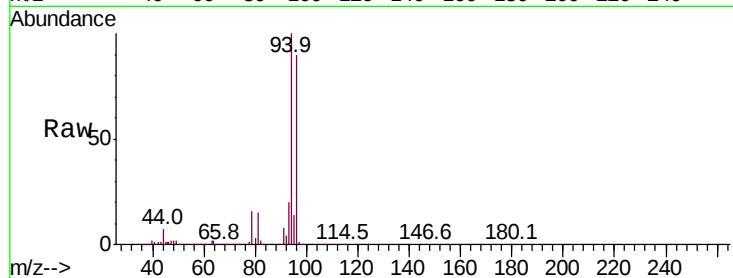
96 90.3 75.5 113.3

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#6

Chloroethane

Concen: 49.819 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010399.D

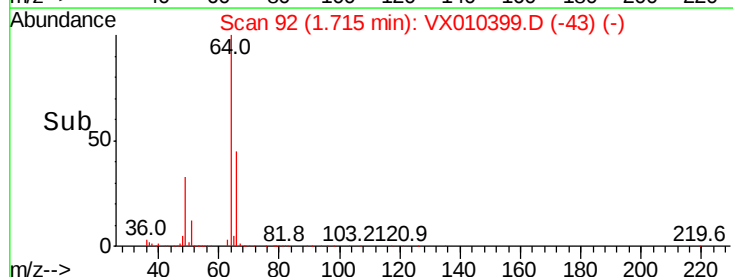
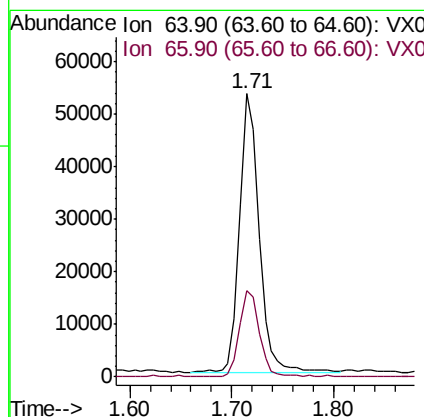
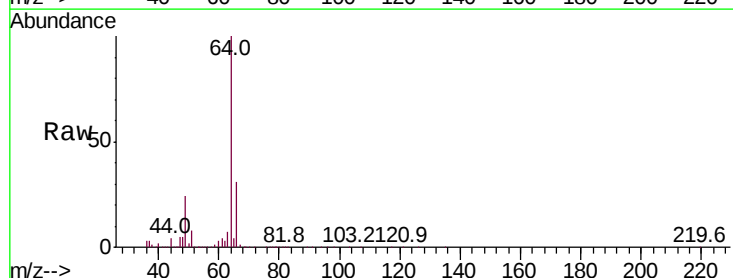
Acq: 21 Jun 2019 20:52

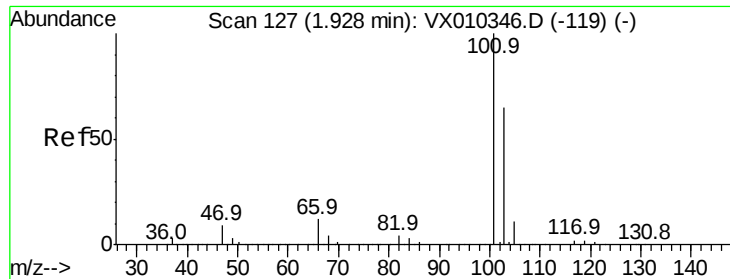
Tgt Ion: 64 Resp: 69487

Ion Ratio Lower Upper

64 100

66 30.9 26.6 40.0





#7

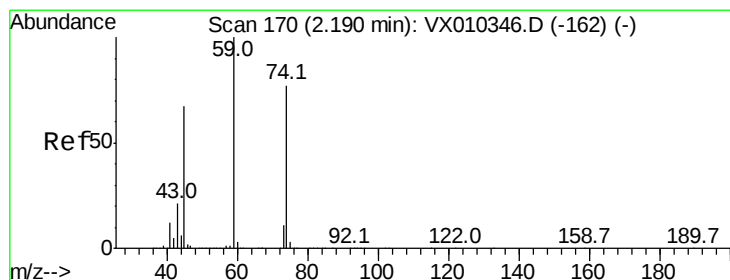
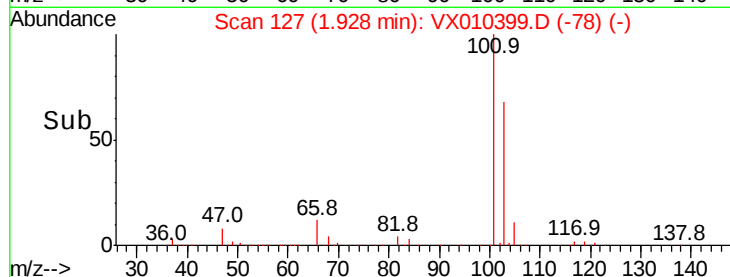
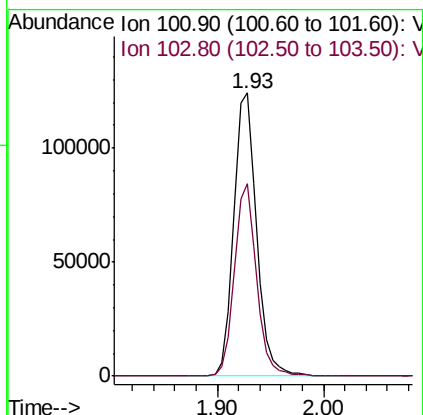
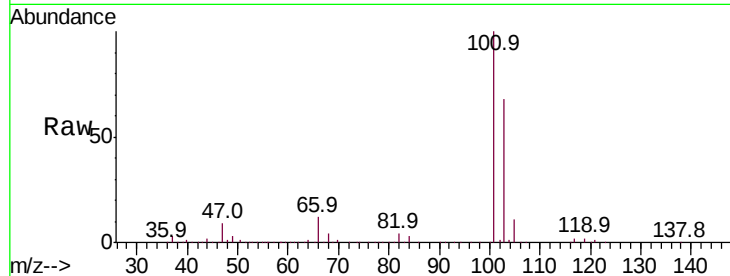
Trichlorofluoromethane
Concen: 50.072 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010399.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.0	52.3	78.5

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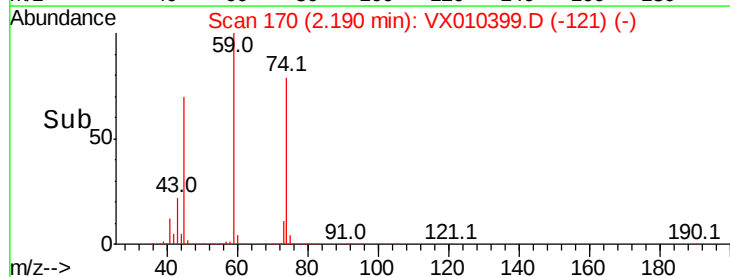
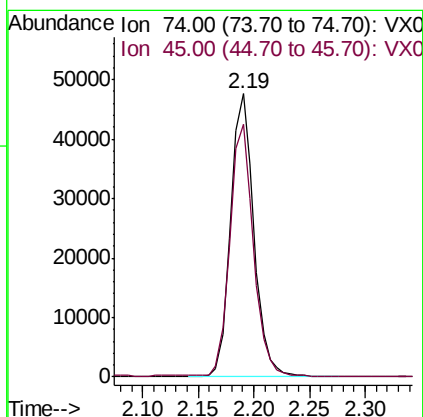
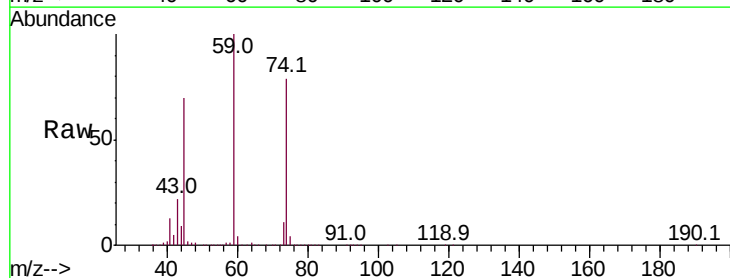
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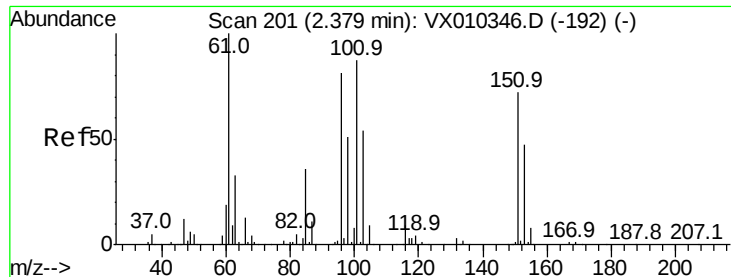


#8

Diethyl Ether
Concen: 51.318 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010399.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.3	44.8	134.4





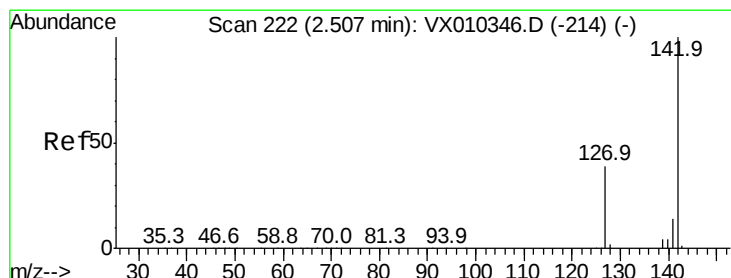
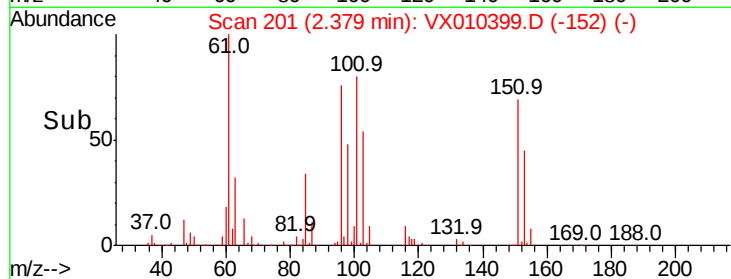
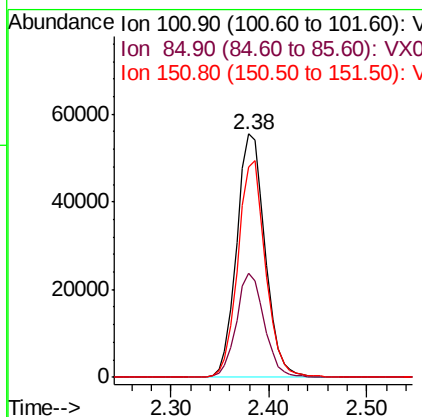
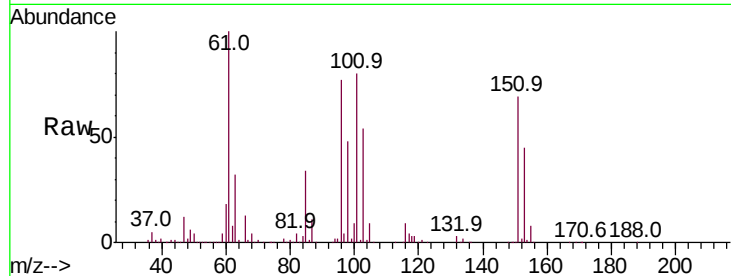
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.303 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 111975
Ion Ratio Lower Upper
101 100
85 42.0 33.7 50.5
151 86.6 70.1 105.1

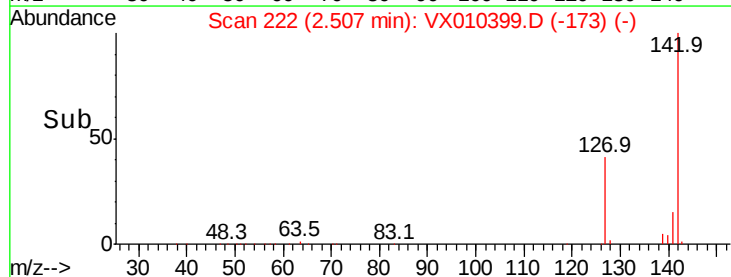
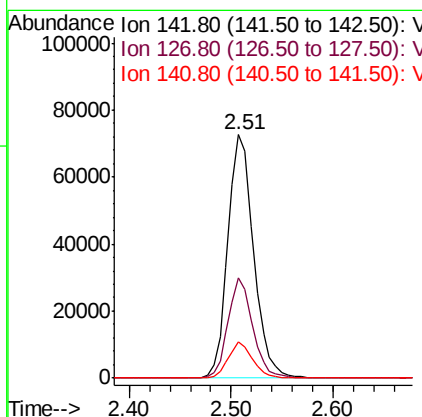
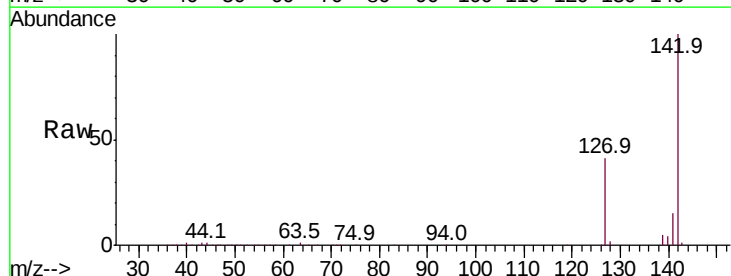
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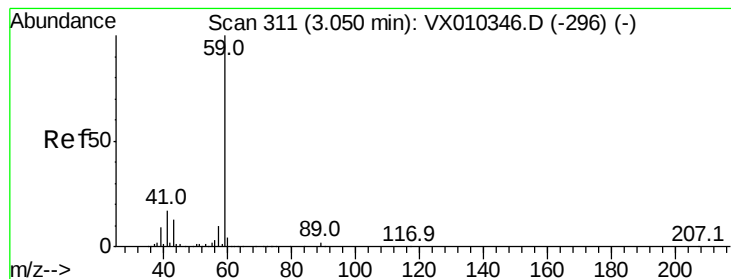
MMDadoda
6/24/2019 11:21:39 AM



#10
Methyl Iodide
Concen: 39.200 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion:142 Resp: 127058
Ion Ratio Lower Upper
142 100
127 39.4 31.1 46.7
141 14.2 11.2 16.8





#11

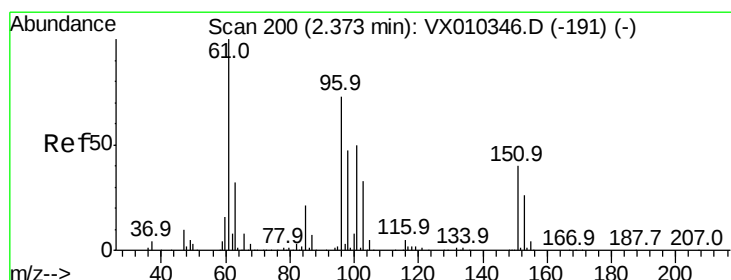
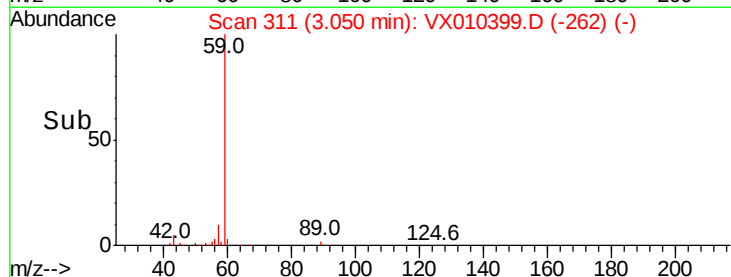
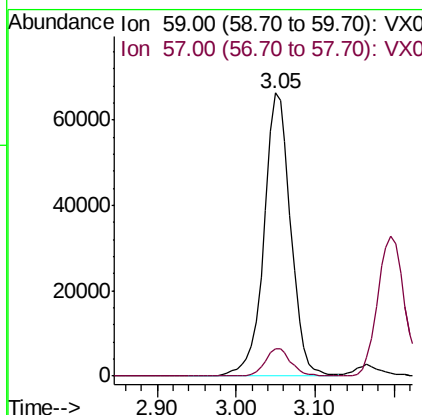
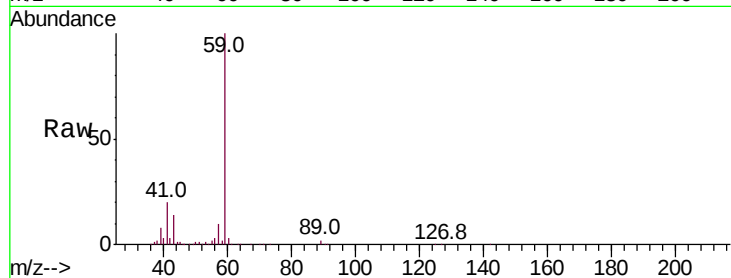
Tert butyl alcohol
Concen: 237.557 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.1	7.7	11.5

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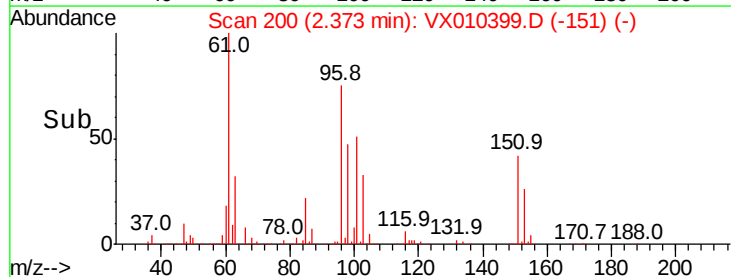
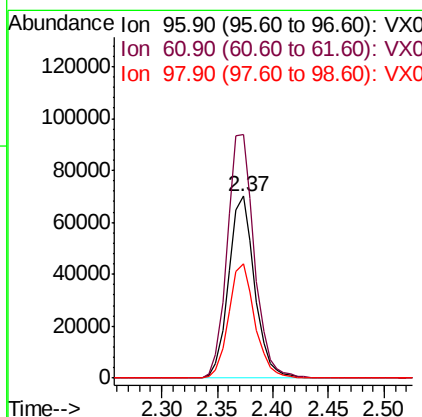
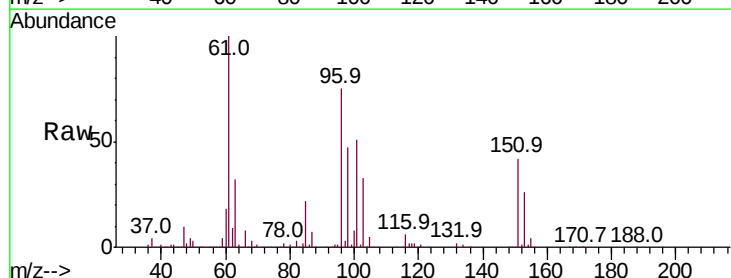
MMDadoda
6/24/2019 11:21:39 AM

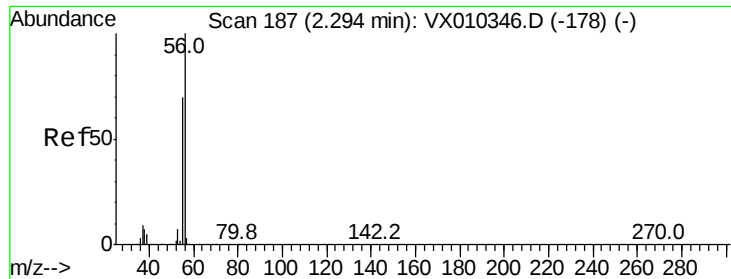


#12

1,1-Dichloroethene
Concen: 48.954 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	133.9	109.2	163.8
98	63.1	51.1	76.7





#13

Acrolein

Concen: 190.076 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 82480

Ion Ratio Lower Upper

56 100

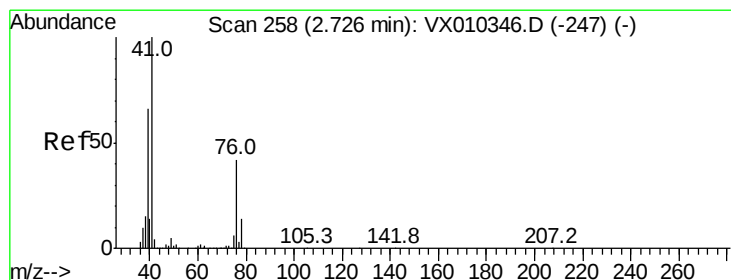
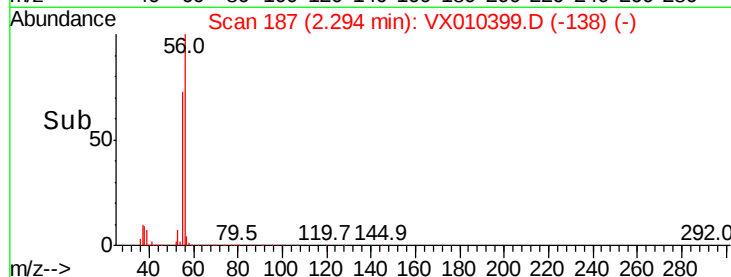
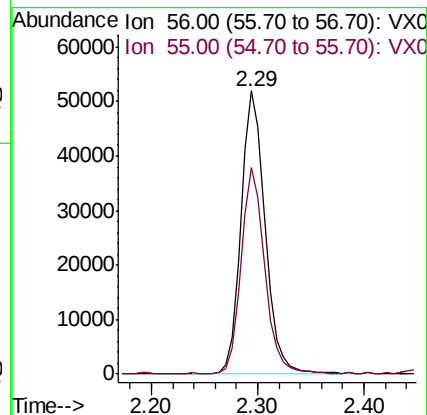
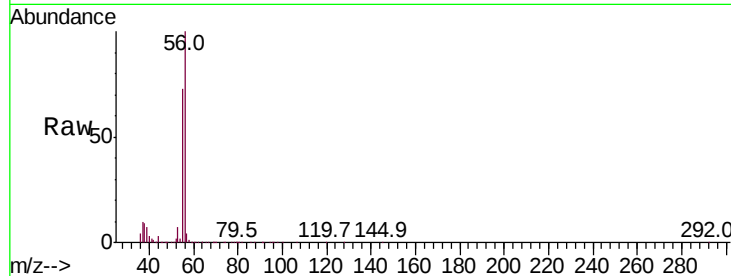
55 70.6 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 50.925 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

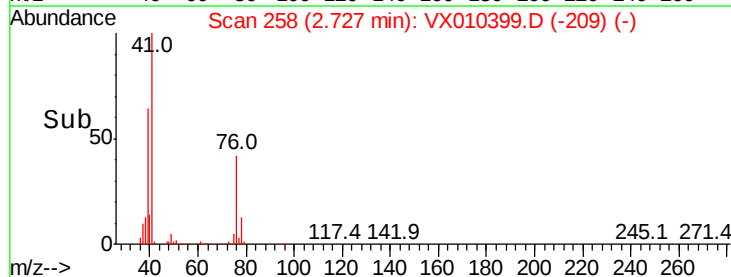
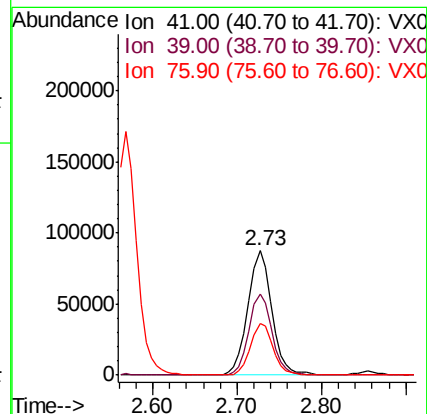
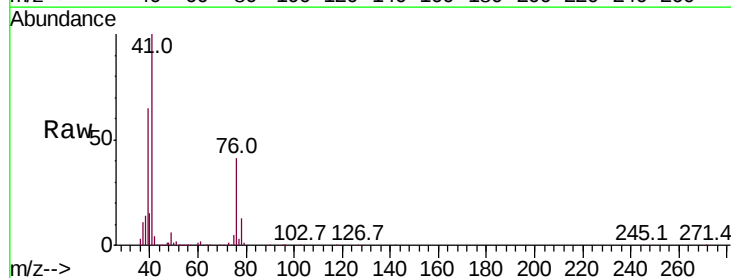
Tgt Ion: 41 Resp: 167085

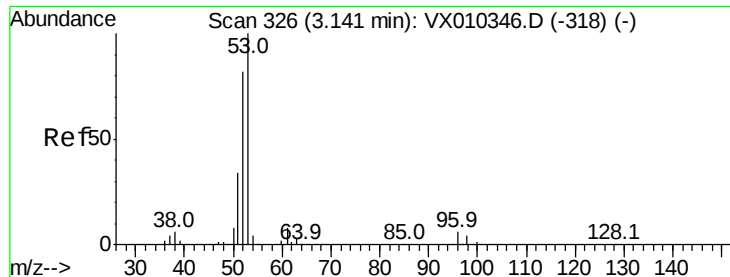
Ion Ratio Lower Upper

41 100

39 62.9 50.3 75.5

76 39.0 31.3 46.9





#15

Acrylonitrile

Concen: 259.952 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

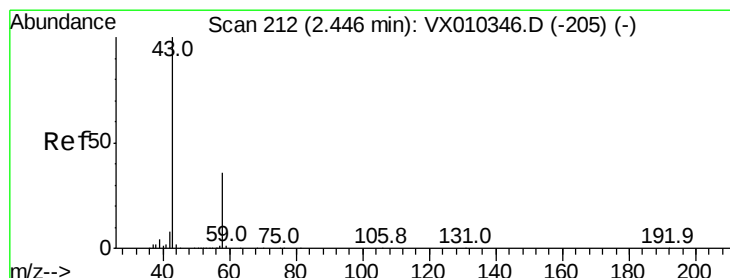
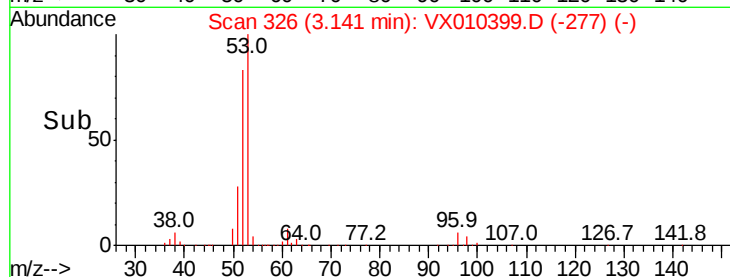
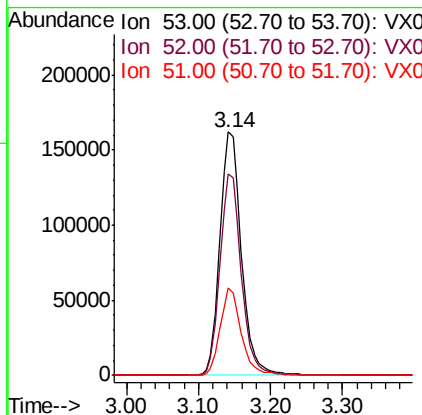
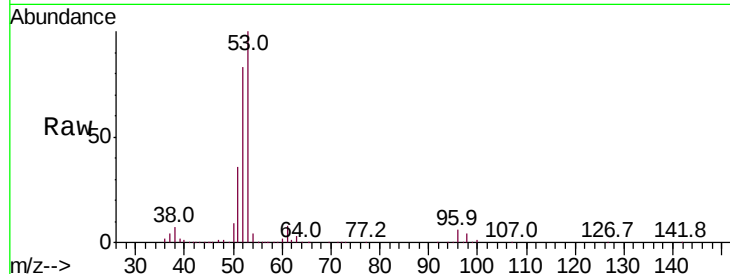
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	336664
Ion Ratio	Lower	Upper	
53	100		
52	81.9	65.5	98.3
51	35.1	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 221.055 ug/l

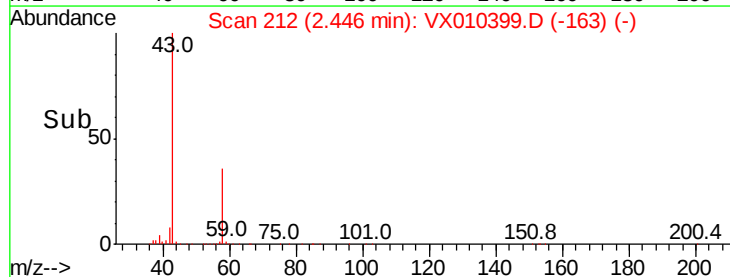
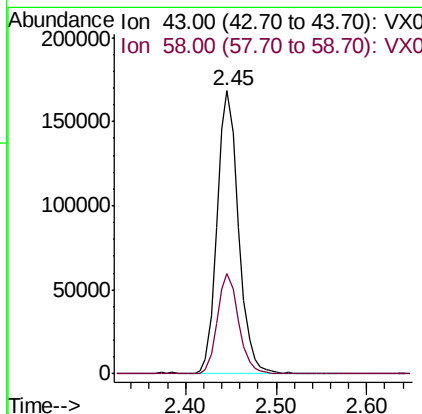
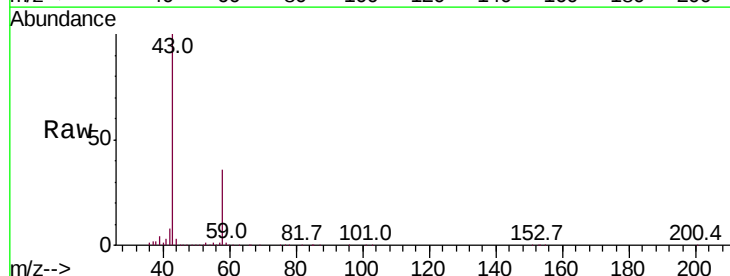
RT: 2.45 min Scan# 212

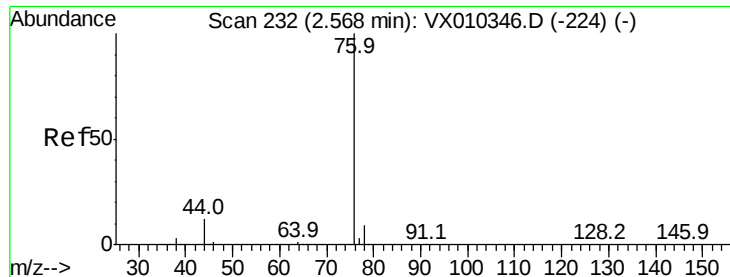
Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Tgt Ion:	43	Resp:	276948
Ion Ratio	Lower	Upper	
43	100		
58	35.5	28.9	43.3





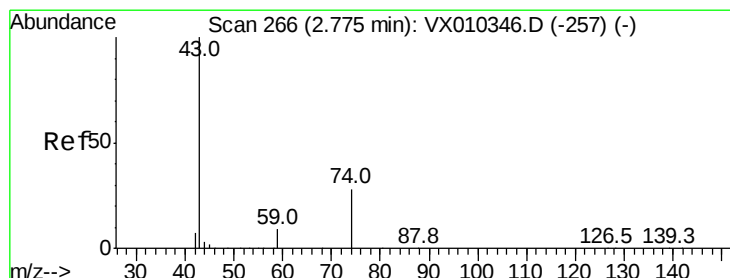
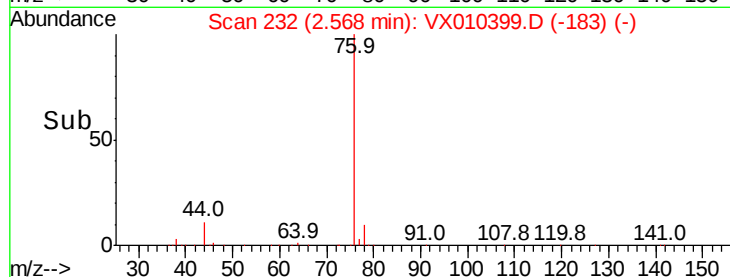
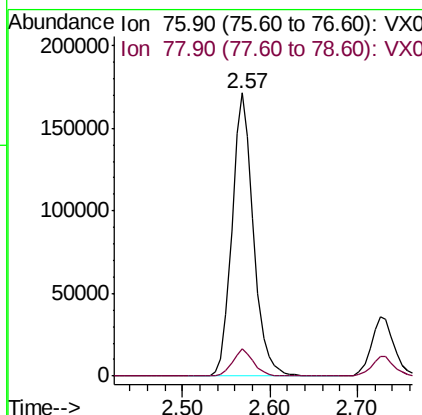
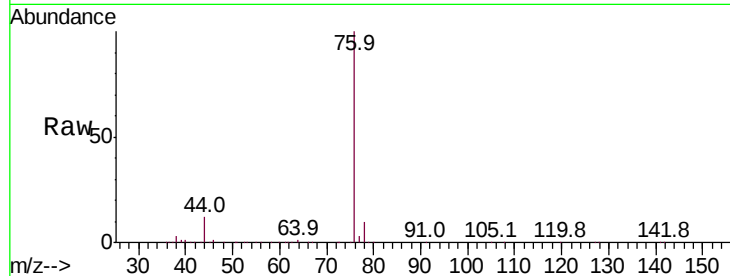
#17
Carbon Disulfide
Concen: 47.098 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.3	10.9

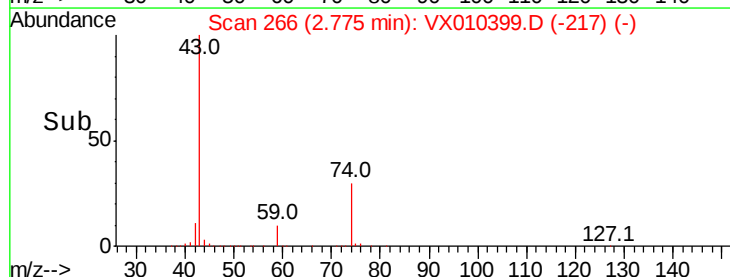
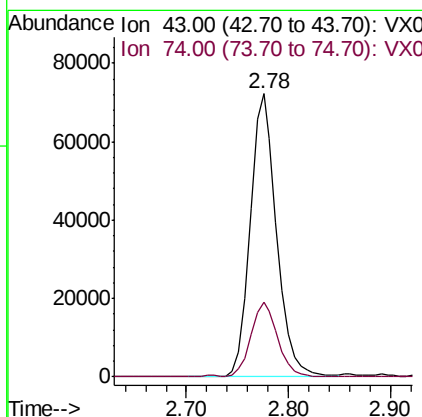
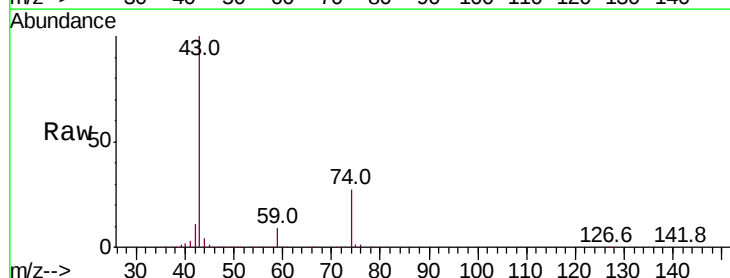
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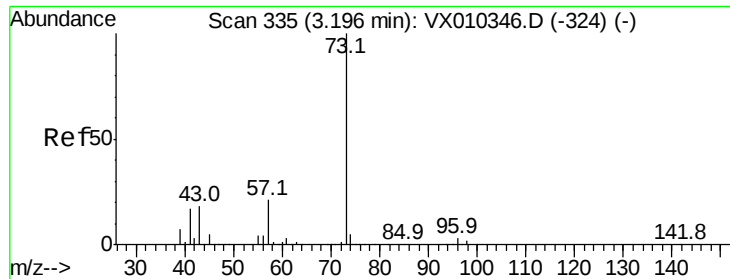
MMDadoda
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#18
Methyl Acetate
Concen: 51.735 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	21.3	31.9





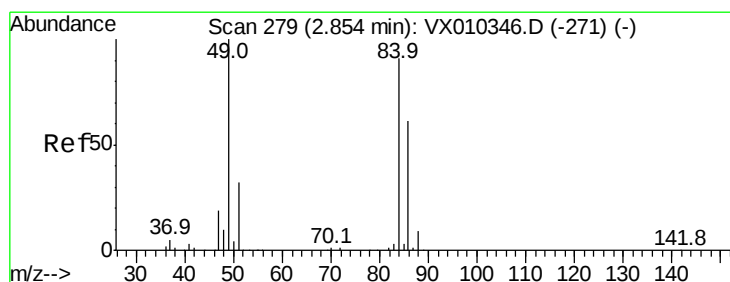
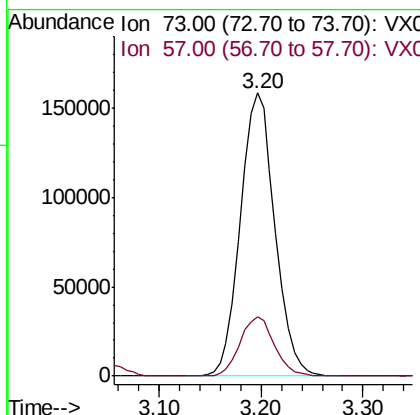
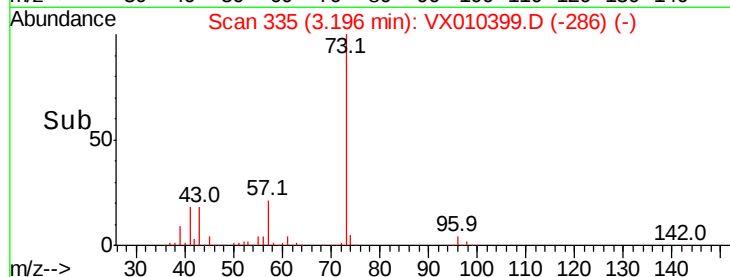
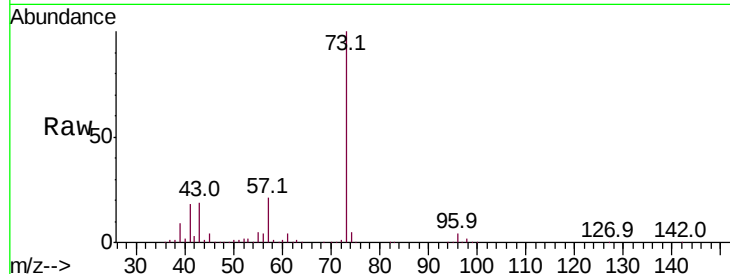
#19
Methyl tert-butyl Ether
Concen: 51.202 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	16.4	24.6

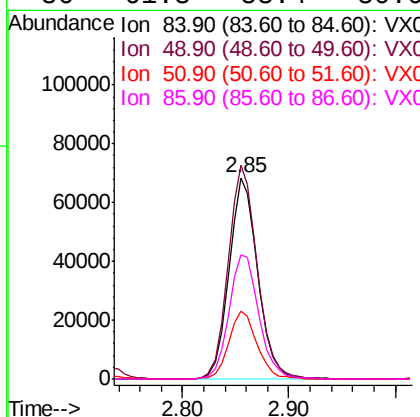
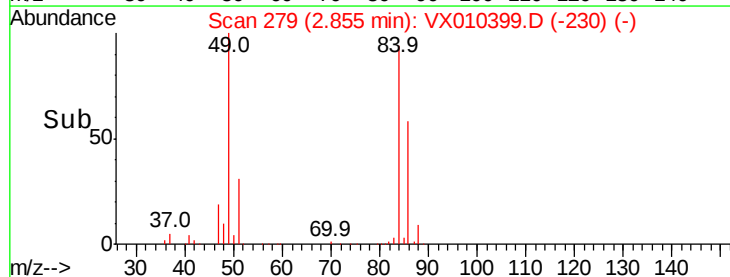
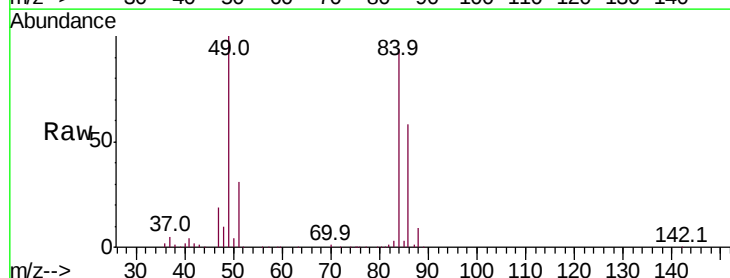
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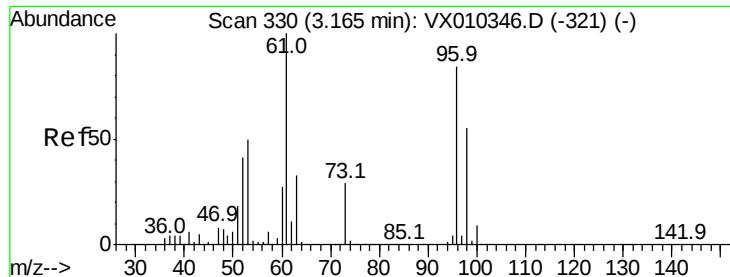
MMDadoda
6/24/2019 11:21:39 AM



#20
Methylene Chloride
Concen: 50.063 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.9	87.5	131.3
51	33.4	27.7	41.5
86	61.3	53.4	80.0





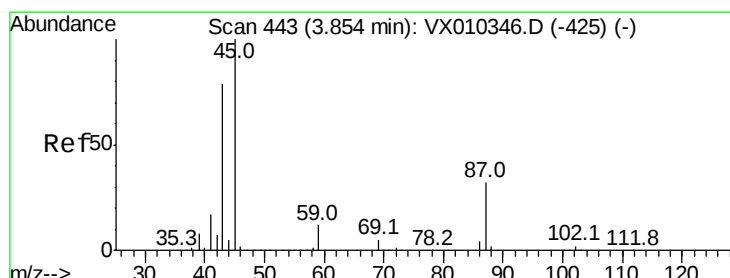
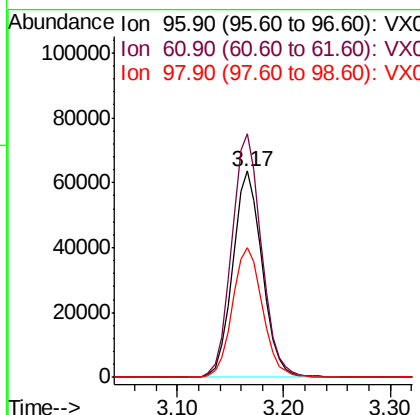
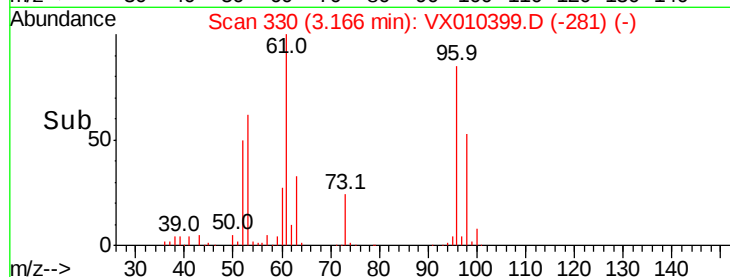
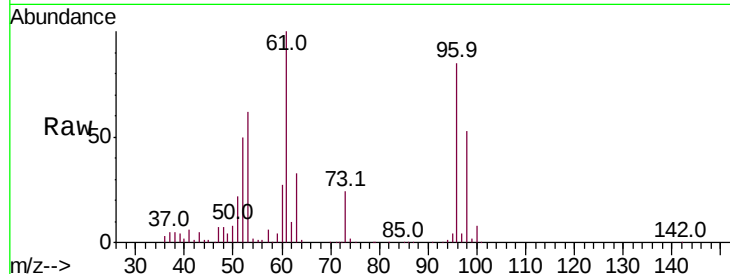
#21
trans-1,2-Dichloroethene
Concen: 49.744 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	96	Resp:	123639
Ion	Ratio	Lower	Upper
96	100		
61	118.3	95.6	143.4
98	63.0	52.5	78.7

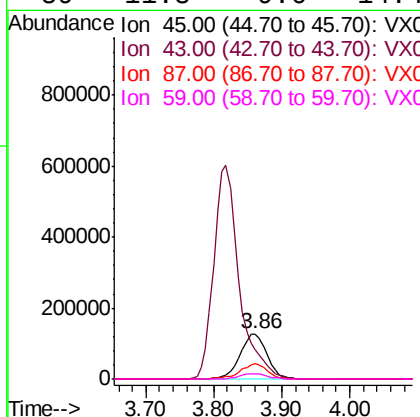
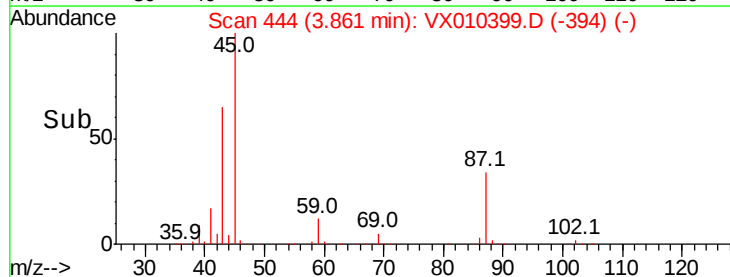
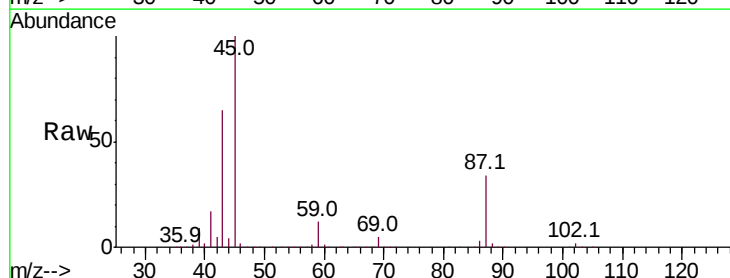
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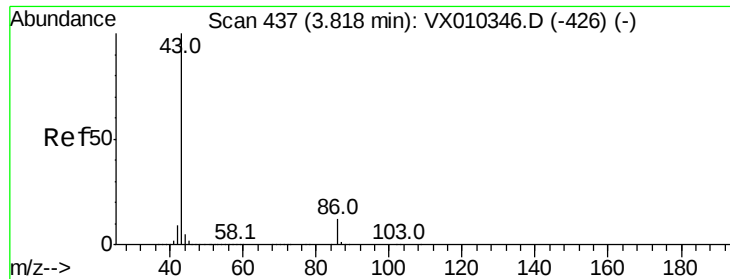
MMDadoda
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#22
Diisopropyl ether
Concen: 51.126 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion:	45	Resp:	350712
Ion	Ratio	Lower	Upper
45	100		
43	64.9	63.3	94.9
87	34.3	25.8	38.8
59	11.8	9.6	14.4





#23

Vinyl Acetate

Concen: 263.496 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1561509

Ion Ratio Lower Upper

43 100

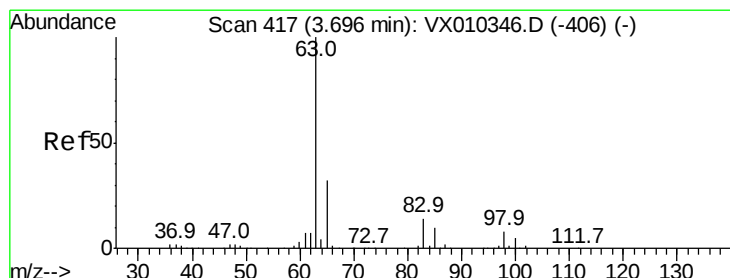
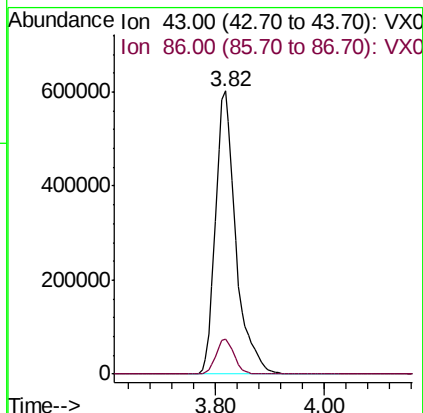
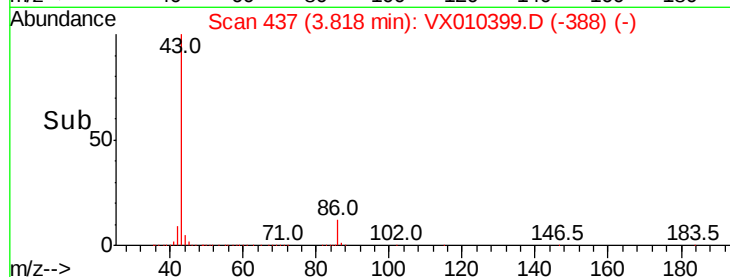
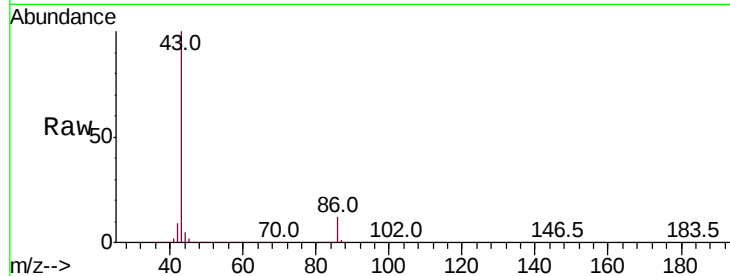
86 12.3 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.075 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

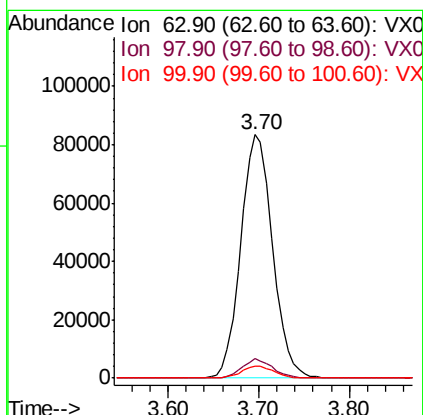
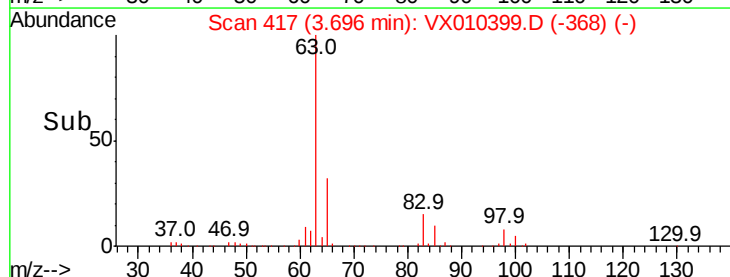
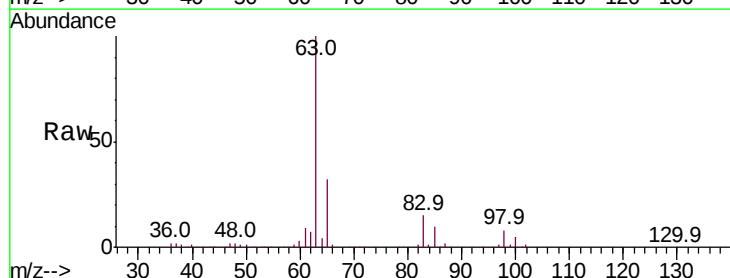
Tgt Ion: 63 Resp: 202522

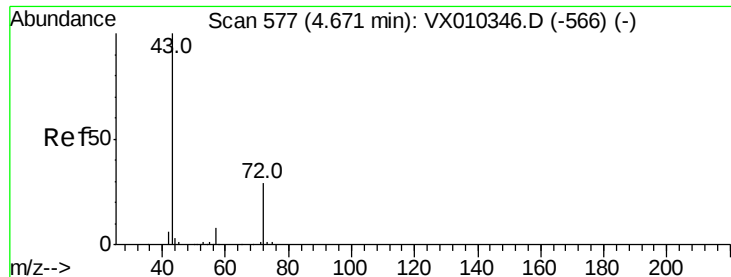
Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 249.131 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 457845

Ion Ratio Lower Upper

43 100

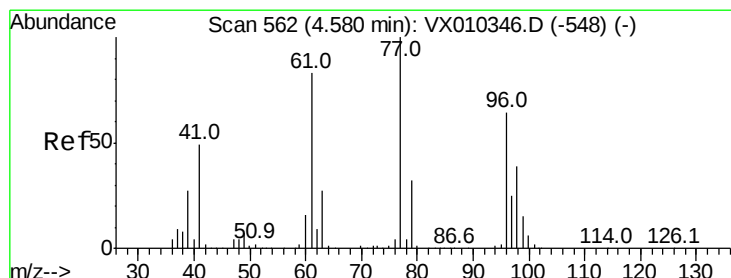
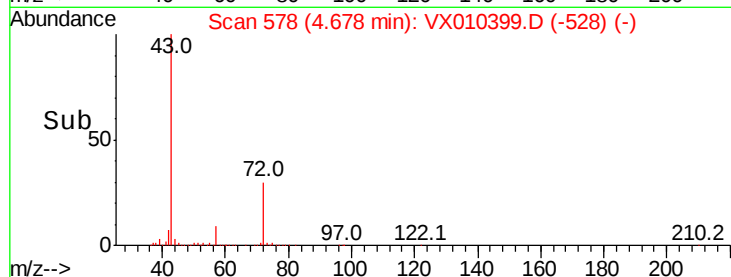
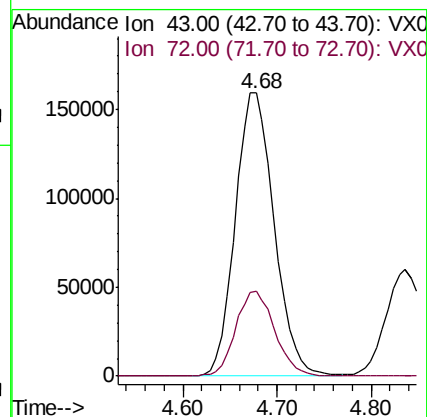
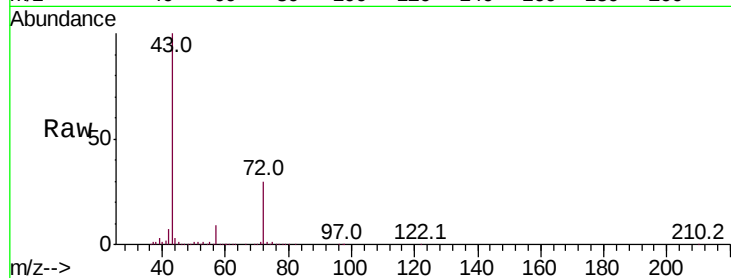
72 29.8 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.083 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010399.D

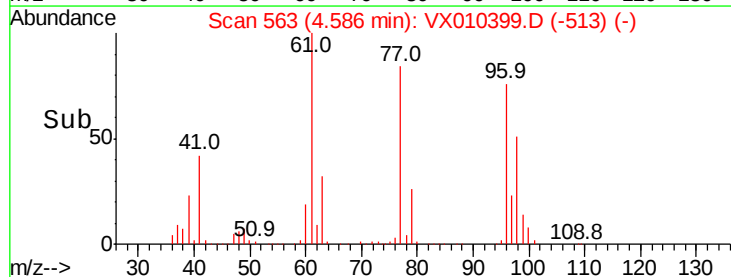
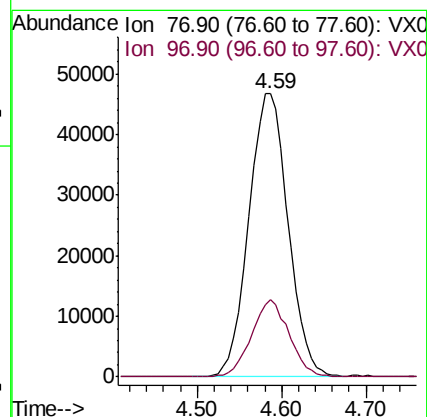
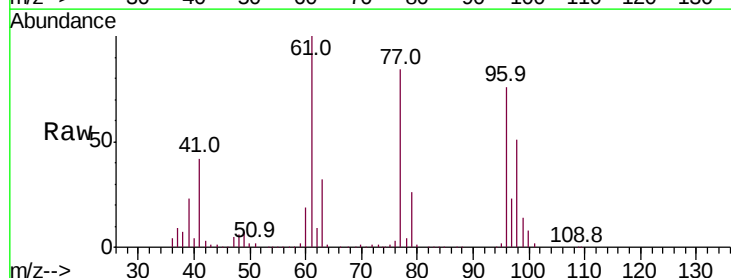
Acq: 21 Jun 2019 20:52

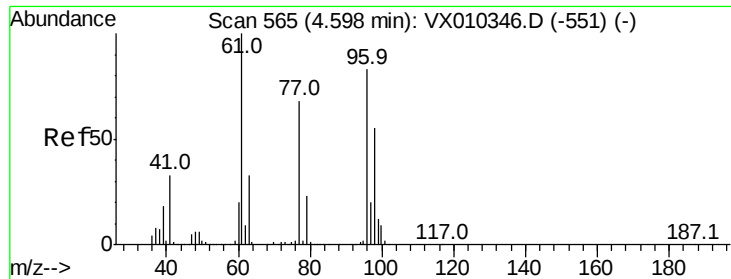
Tgt Ion: 77 Resp: 148400

Ion Ratio Lower Upper

77 100

97 26.1 13.1 39.3





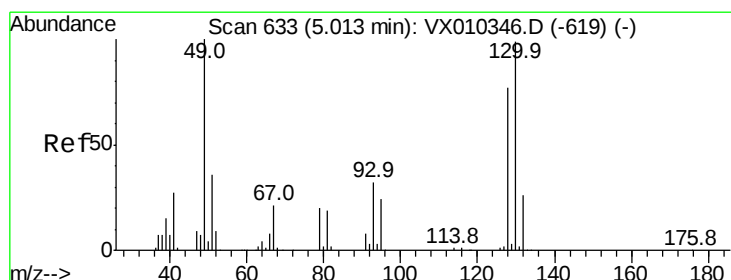
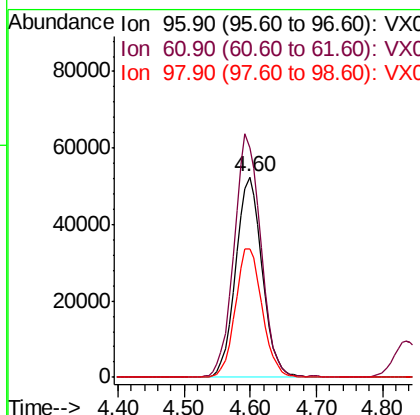
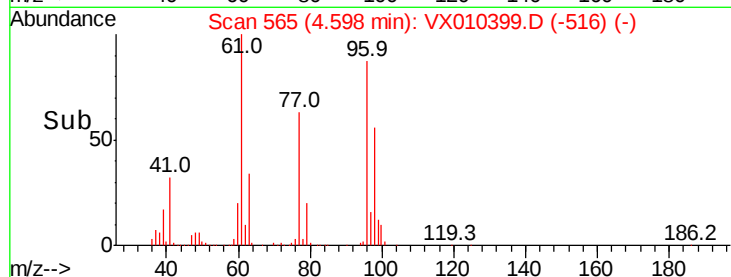
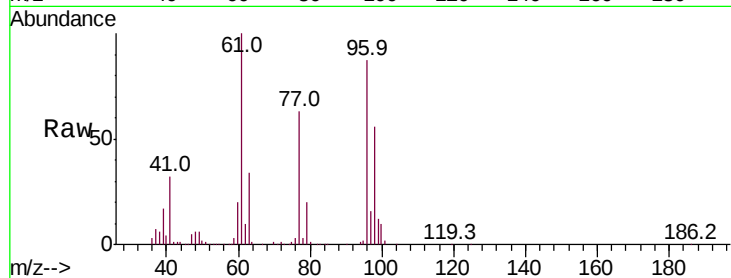
#27
 cis-1,2-Dichloroethene
 Concen: 50.739 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.9	0.0	251.8
98	65.0	0.0	129.4

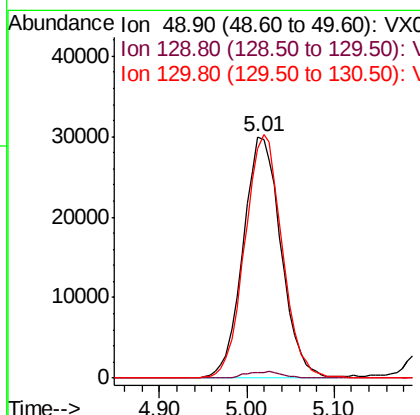
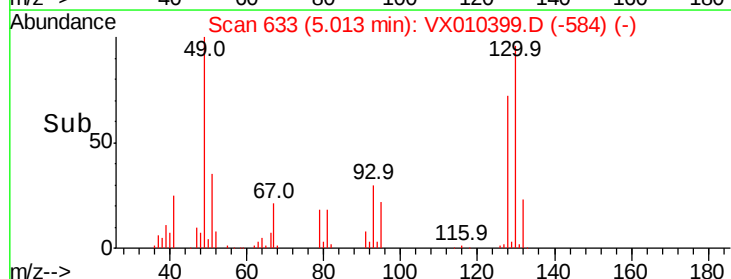
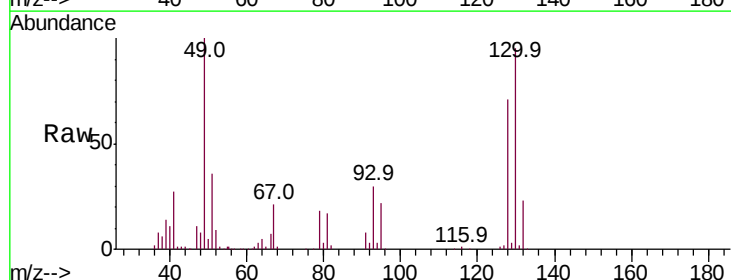
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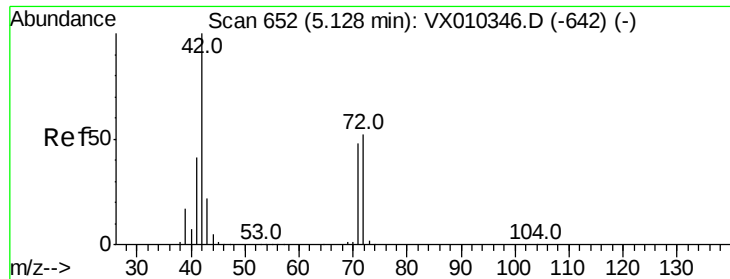
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#28
 Bromochloromethane
 Concen: 47.704 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	99.3	81.4	122.0





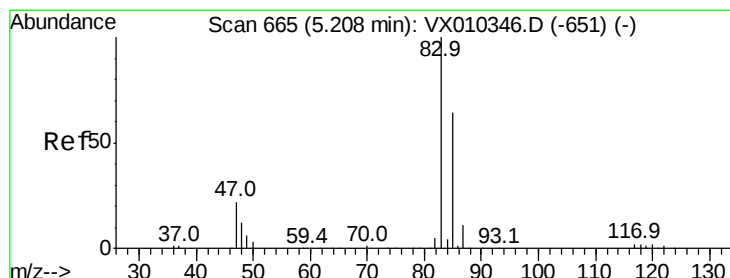
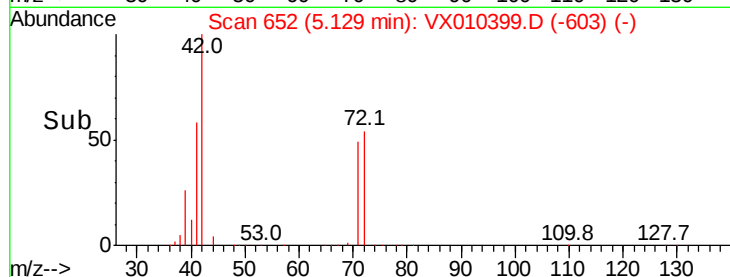
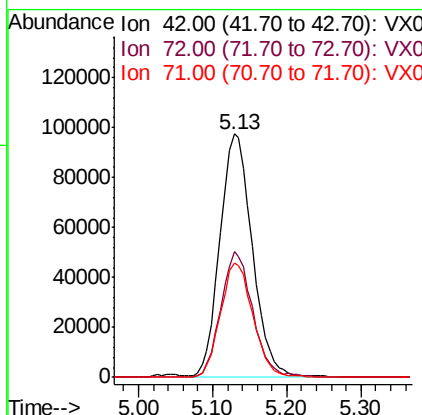
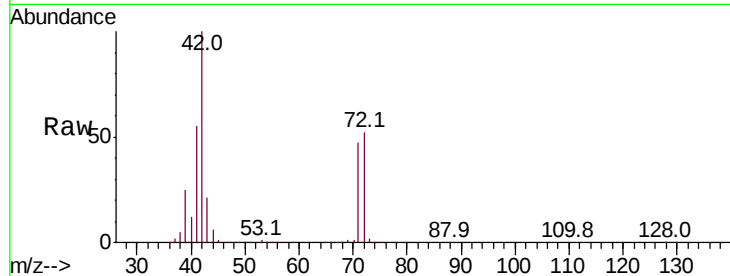
#29
Tetrahydrofuran
Concen: 258.646 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	40.6	60.8
71	47.4	37.8	56.8

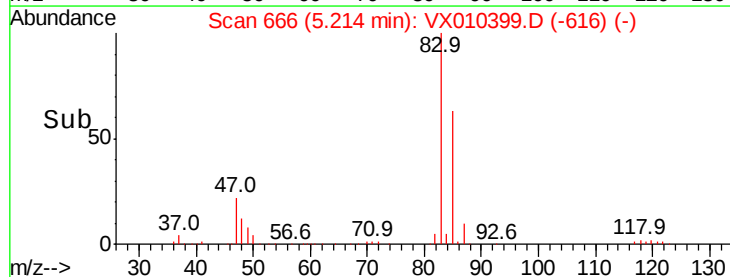
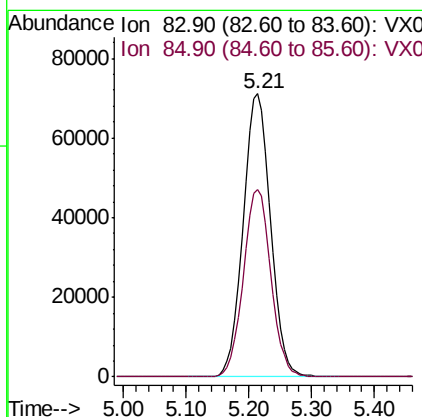
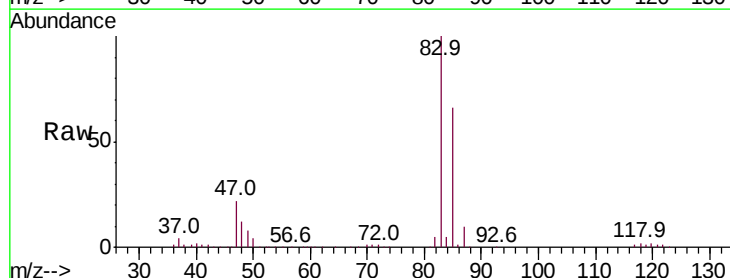
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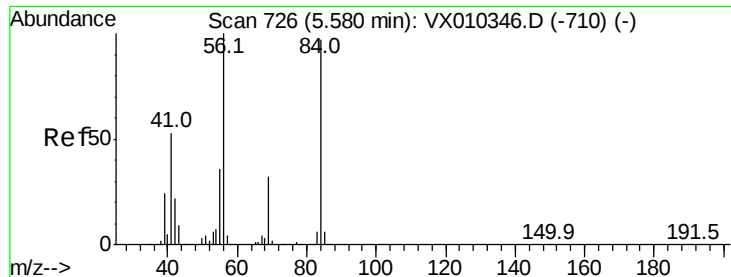
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#30
Chloroform
Concen: 50.331 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.9	76.3





#31

Cvclohexane

Concen: 50.426 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 182083

Ion Ratio Lower Upper

56 100

69 32.7 25.9 38.9

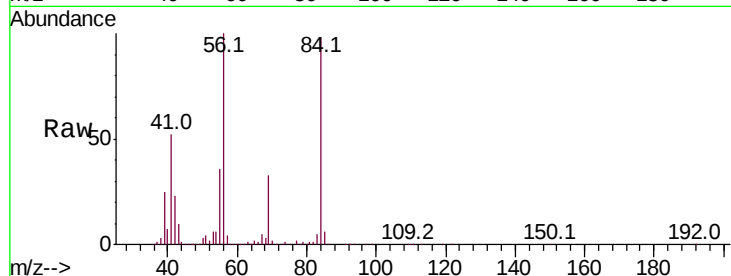
84 96.8 78.0 117.0

Manual Integrations

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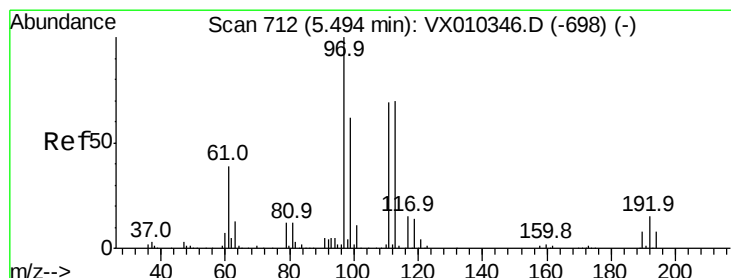
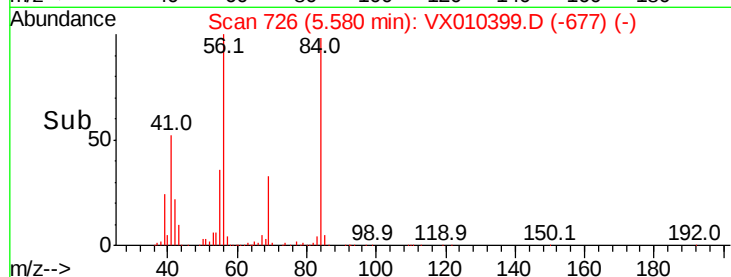
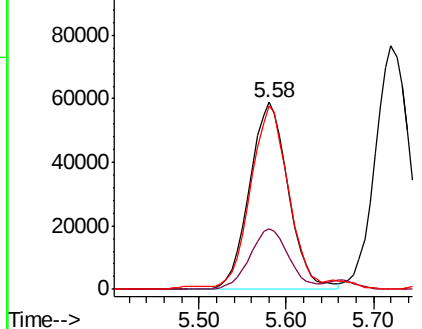
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.505 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

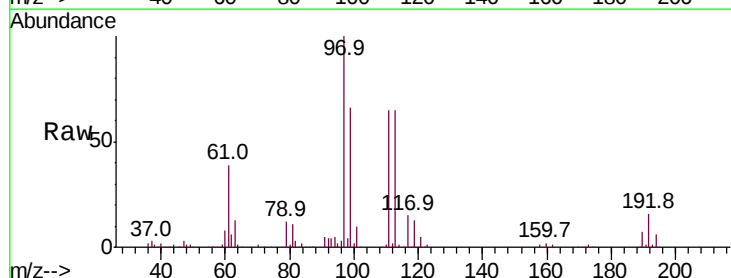
Tgt Ion: 97 Resp: 194027

Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.8

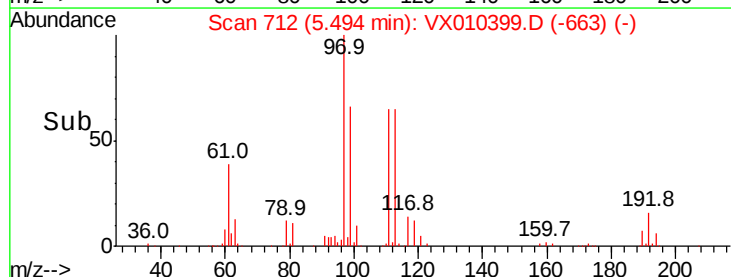
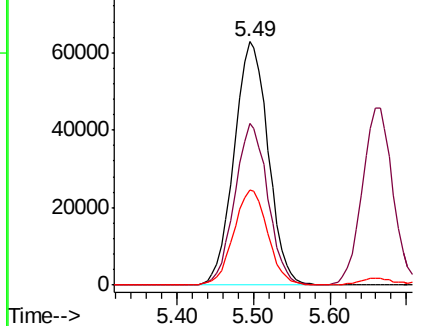
61 38.9 32.1 48.1

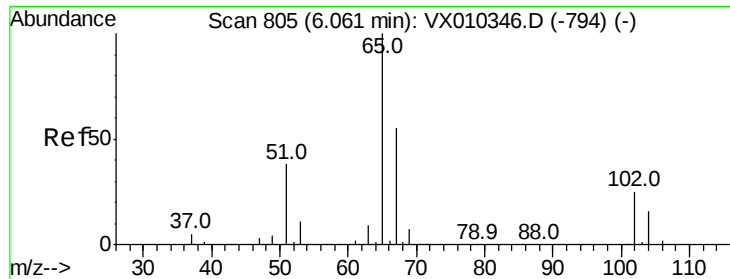


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.339 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

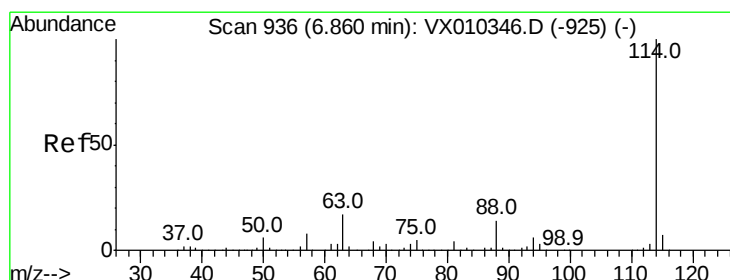
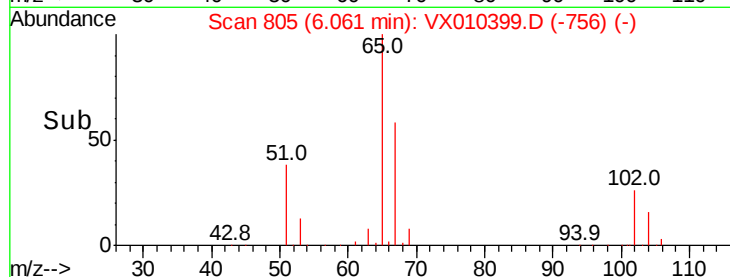
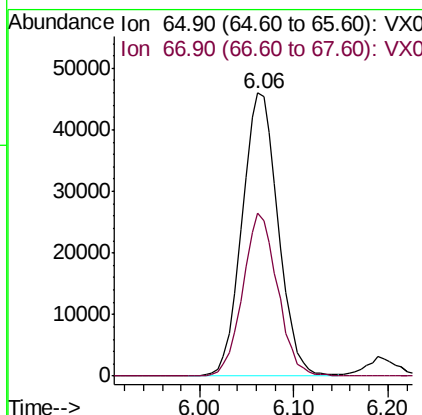
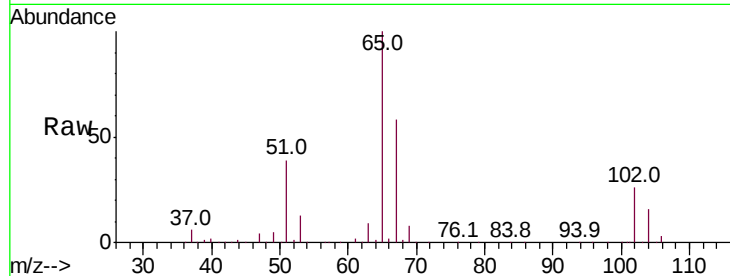
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.4	0.0	110.2	

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

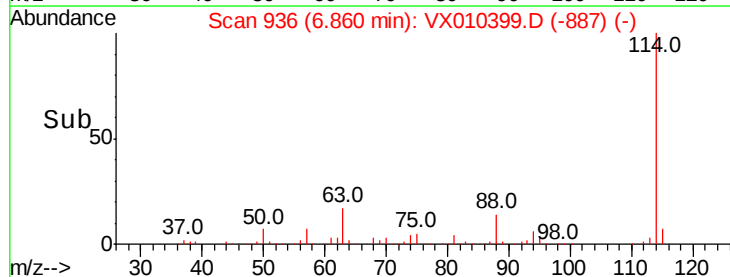
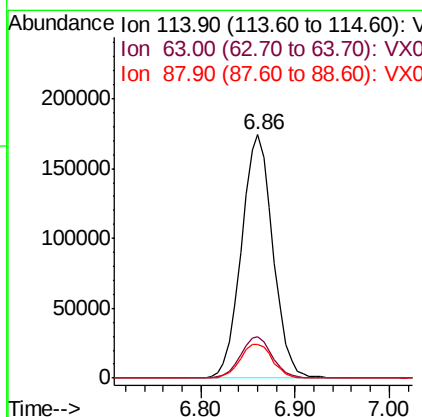
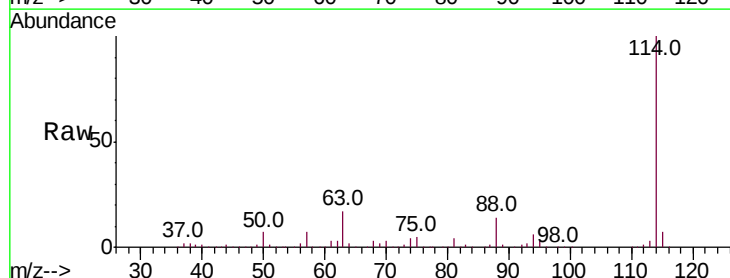
RT: 6.86 min Scan# 936

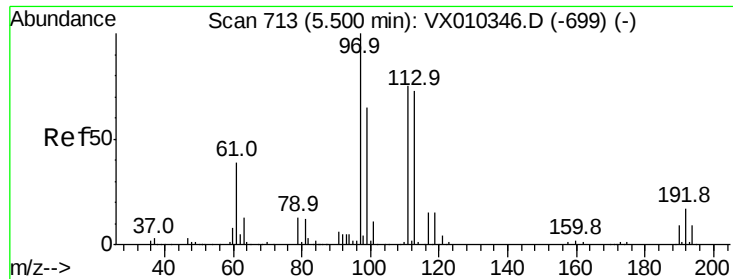
Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.1	0.0	33.8	
88	14.0	0.0	27.6	





#35

Dibromofluoromethane

Concen: 48.754 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

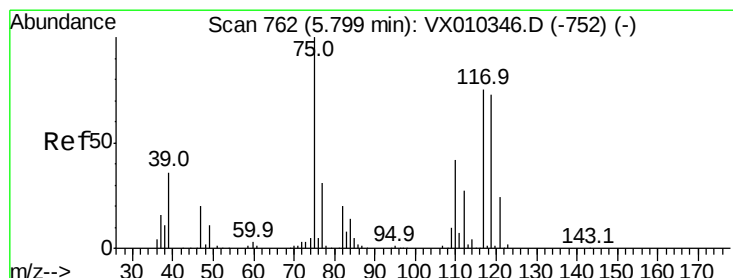
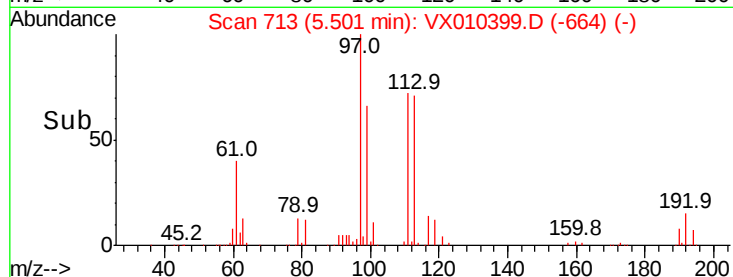
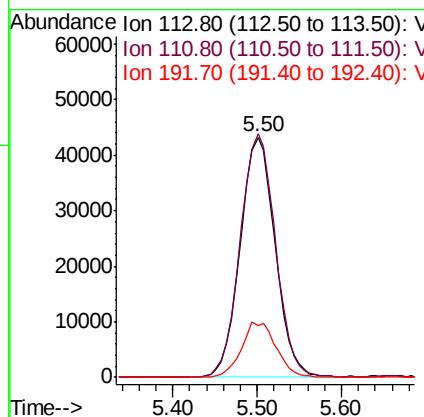
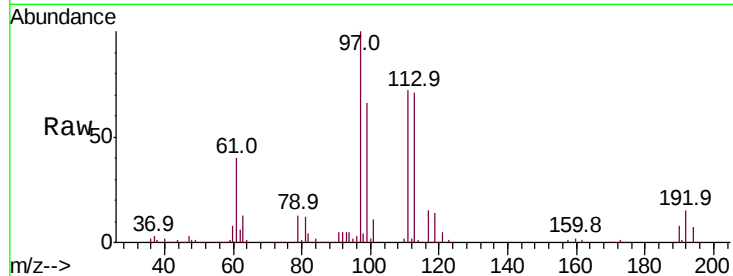
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	121359
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.2	121.8
192	22.8	18.6	27.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.408 ug/l

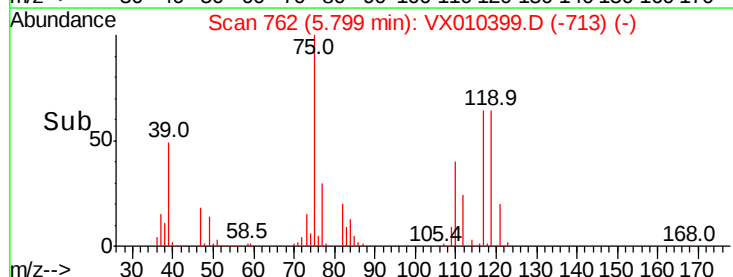
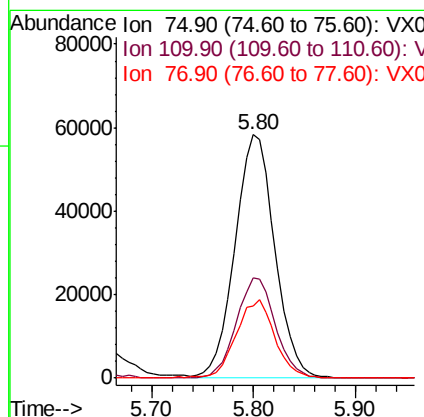
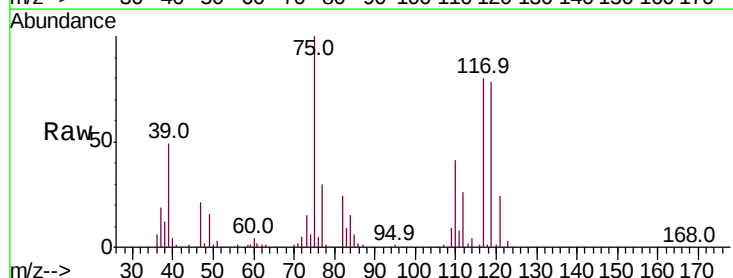
RT: 5.80 min Scan# 762

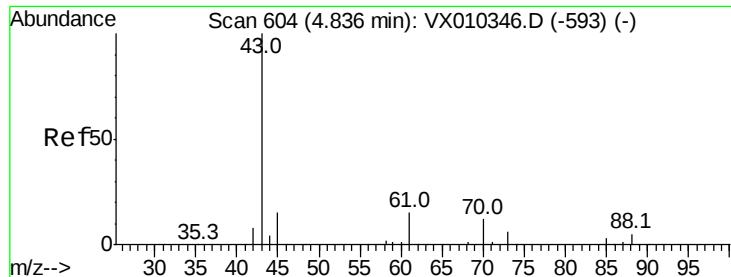
Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Tgt Ion:	75	Resp:	156504
Ion Ratio	Lower	Upper	
75	100		
110	40.9	20.8	62.2
77	32.1	25.4	38.0





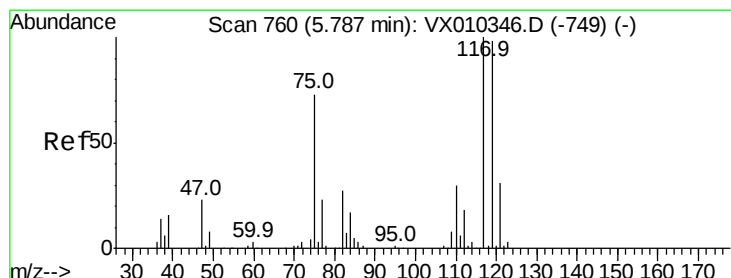
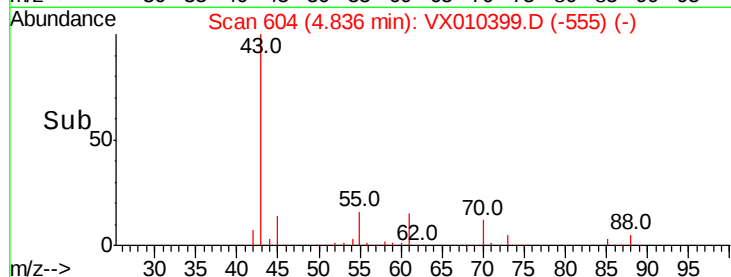
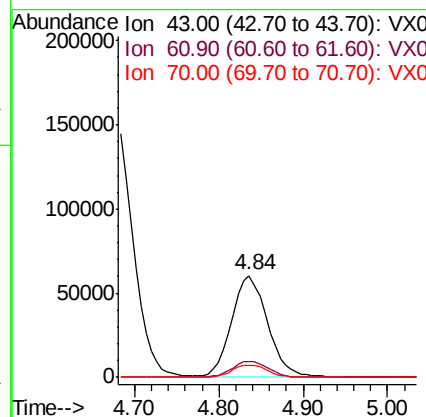
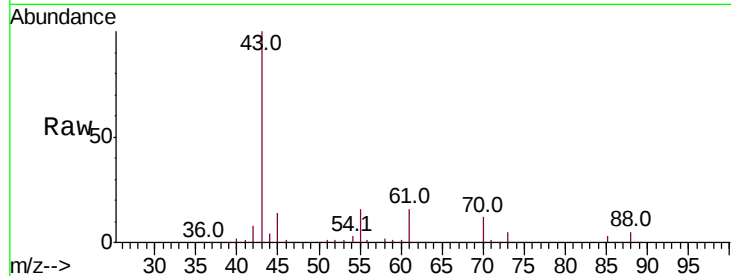
#37
Ethyl Acetate
Concen: 52.205 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.4	18.6
70	12.3	9.8	14.8

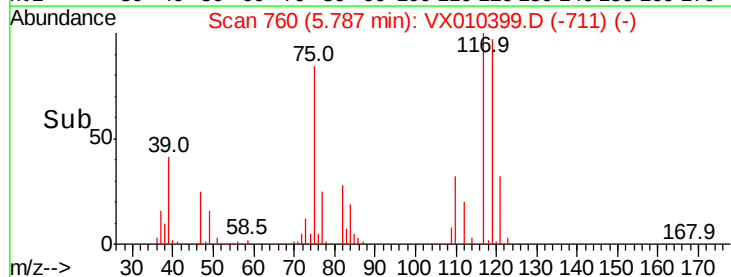
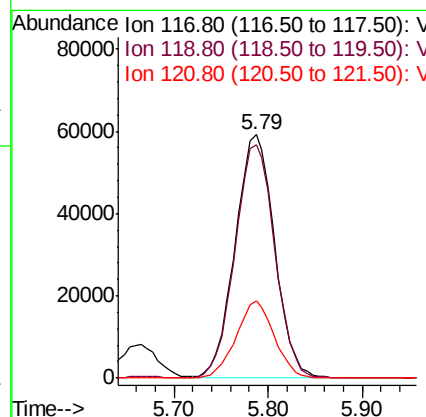
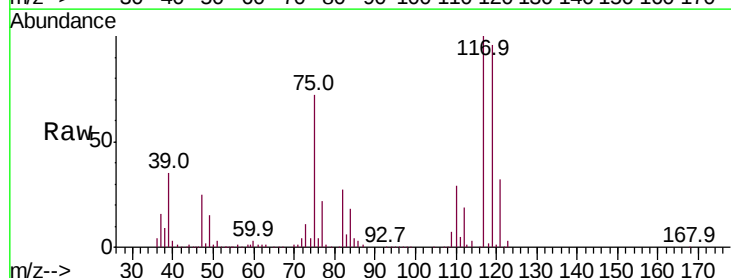
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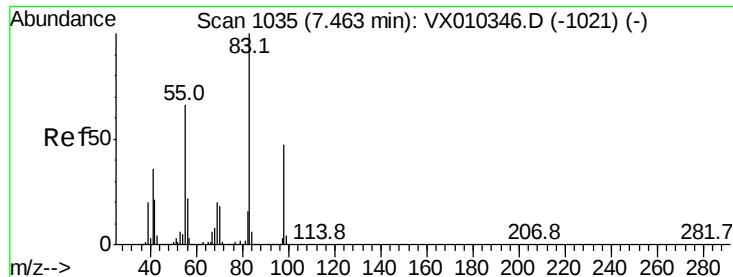
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#38
Carbon Tetrachloride
Concen: 49.335 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.2	117.4
121	31.6	24.7	37.1





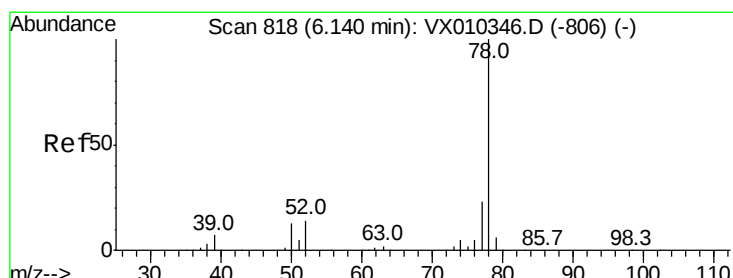
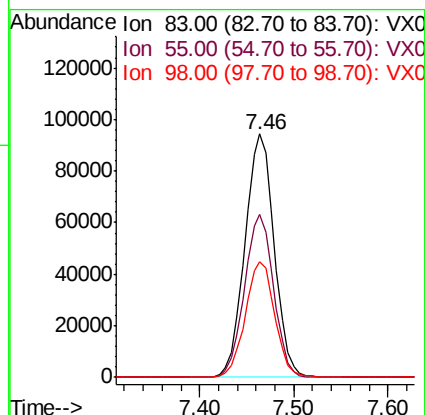
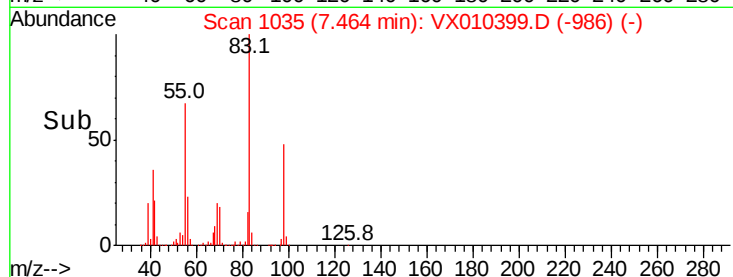
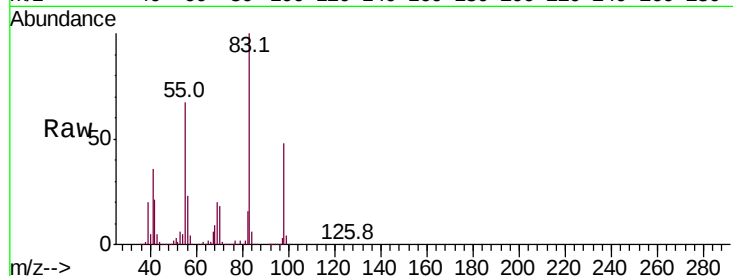
#39
Methylvlcyclohexane
Concen: 48.260 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.2	53.0	79.6
98	47.7	37.8	56.8

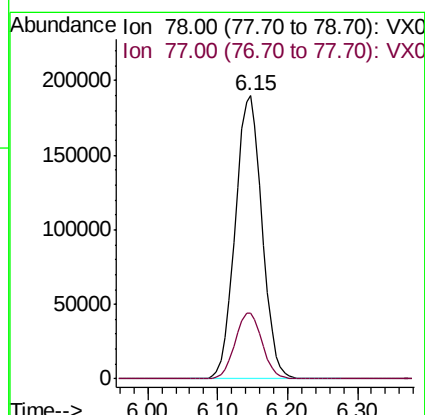
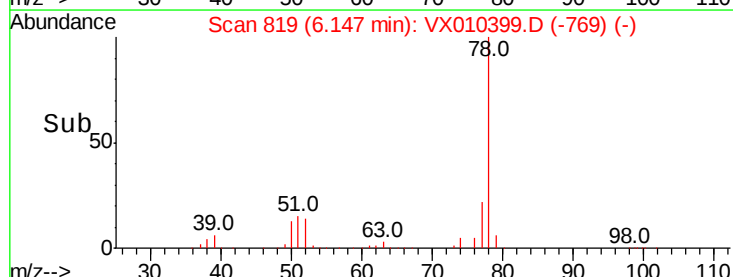
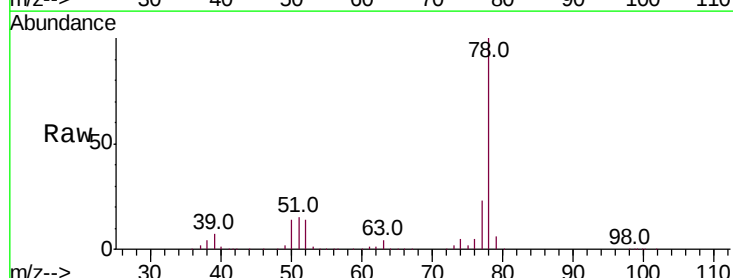
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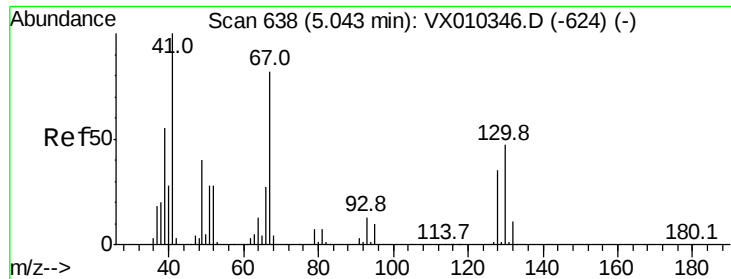
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#40
Benzene
Concen: 49.992 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	28.0





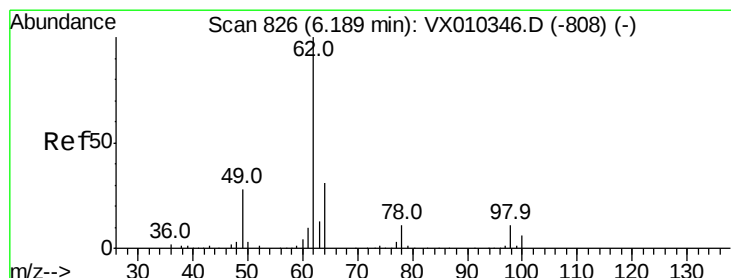
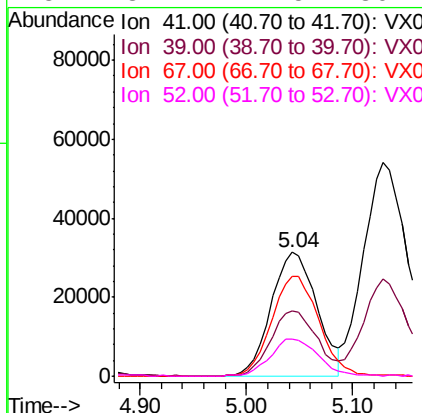
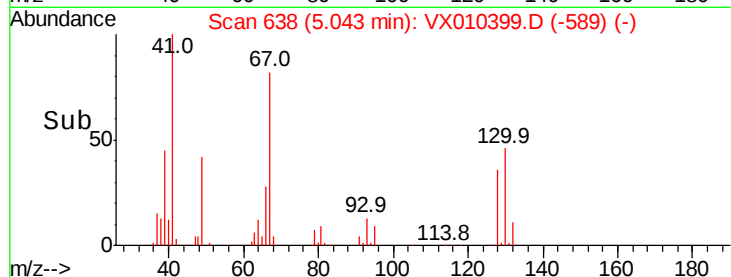
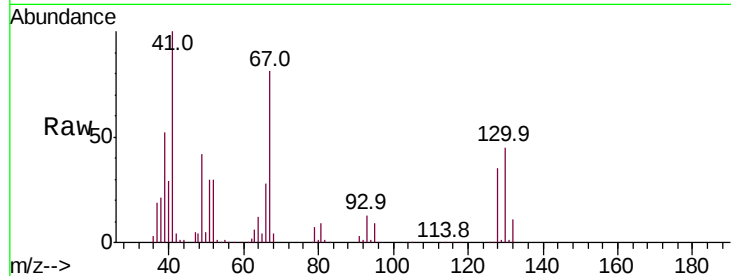
#41
Methacrylonitrile
Concen: 51.001 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	43.8	65.8	
67	83.5	66.6	100.0	
52	32.4	24.5	36.7	

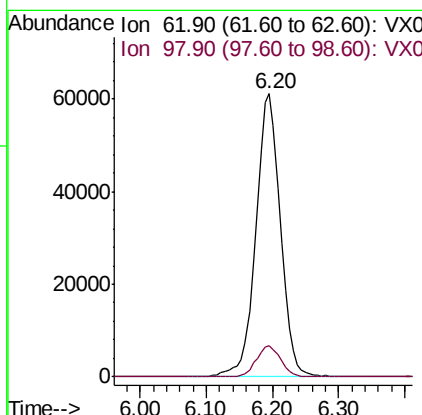
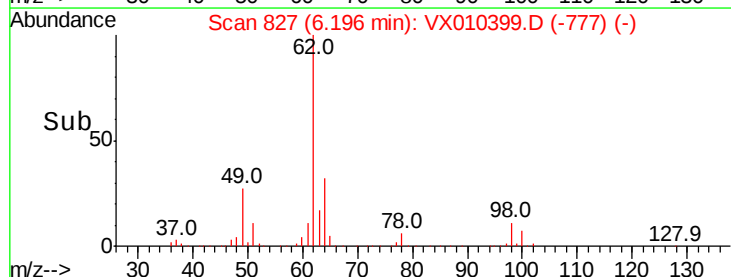
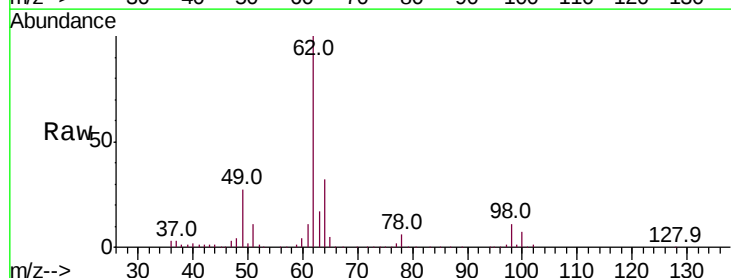
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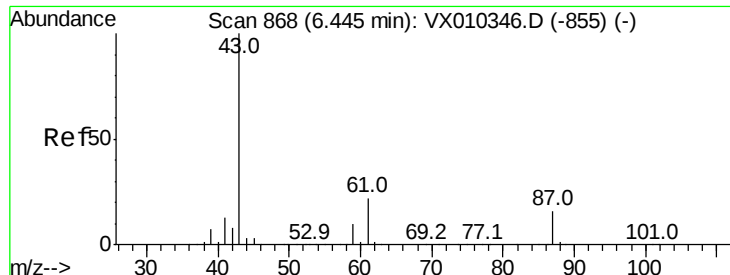
MMDadoda
6/24/2019 11:21:39 AM



#42
1,2-Dichloroethane
Concen: 51.229 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.9	0.0	22.2	





#43

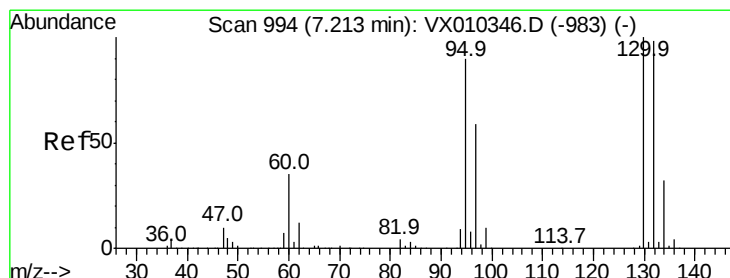
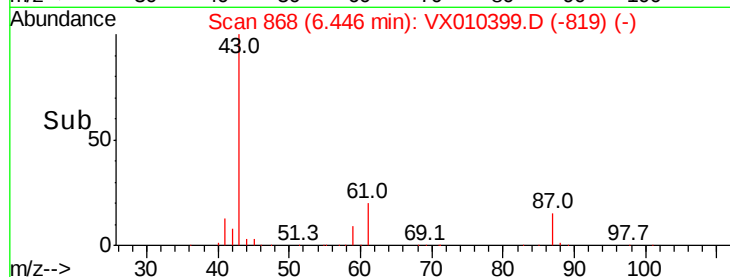
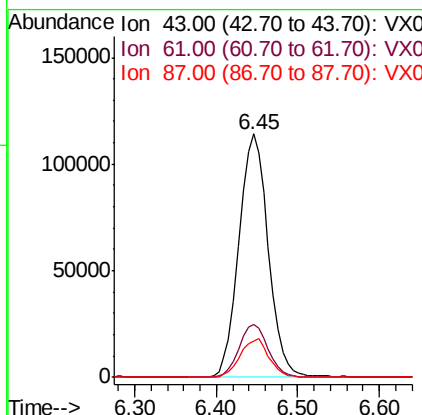
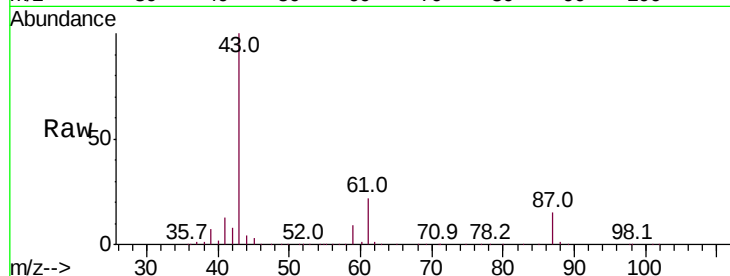
Isopropyl Acetate
 Concen: 51.555 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.7	17.8	26.6
87	15.7	13.0	19.4

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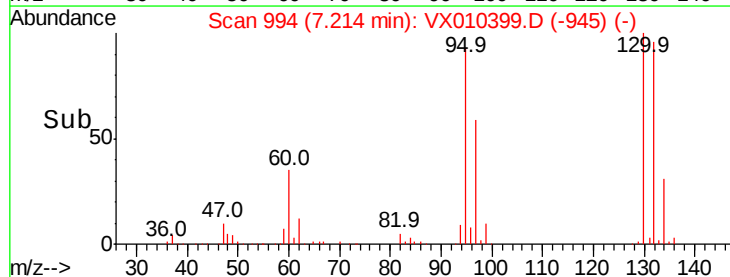
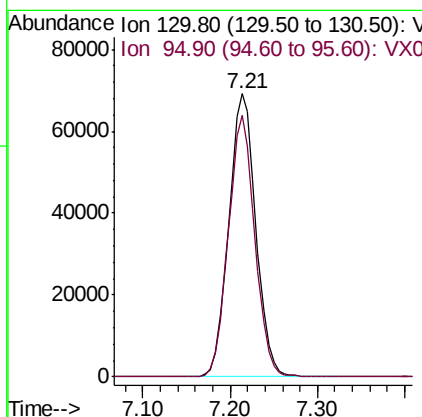
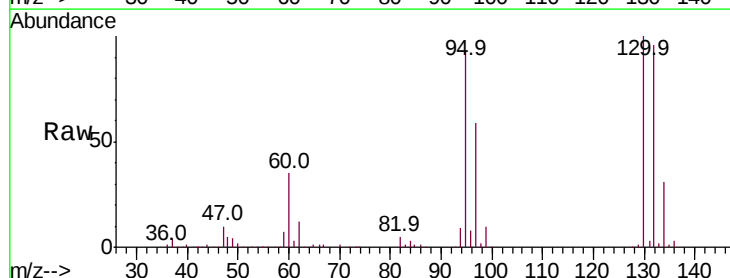
MMDadoda
 6/24/2019 11:21:39 AM

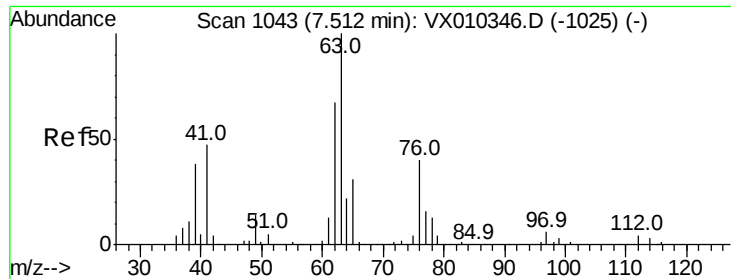


#44

Trichloroethene
 Concen: 49.260 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	180.8





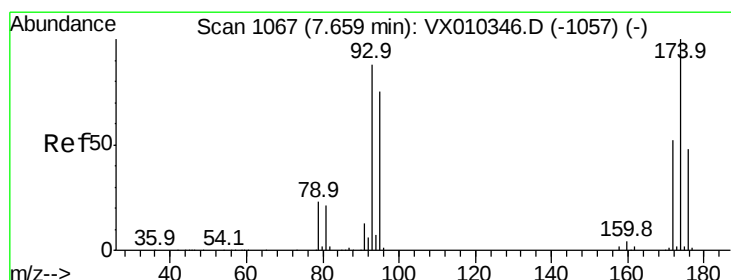
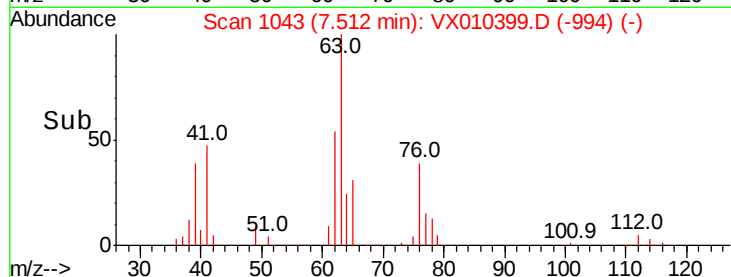
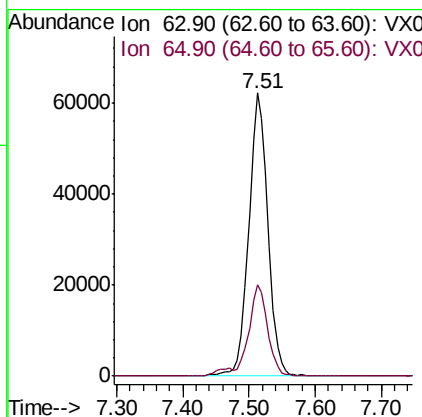
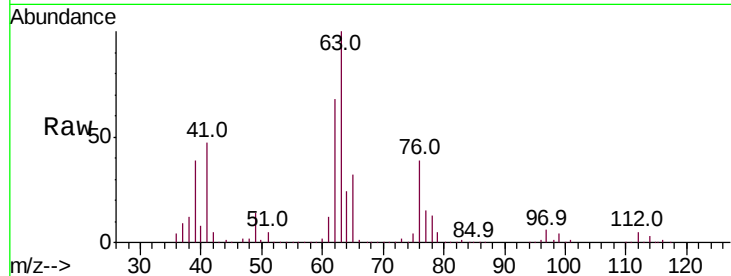
#45
 1,2-Dichloropropane
 Concen: 49.549 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 126030
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.8 37.2

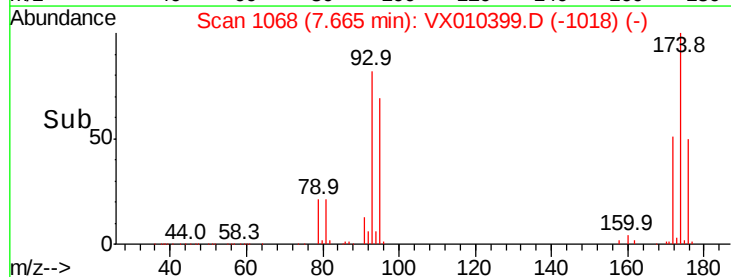
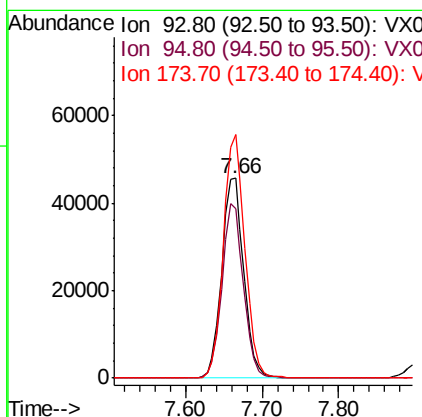
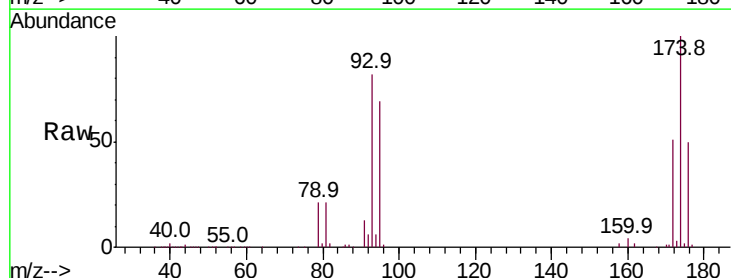
Manual Integrations
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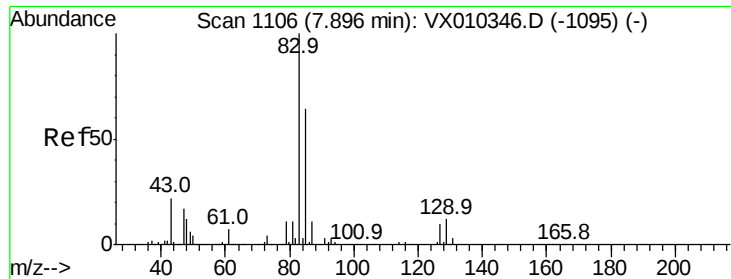
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#46
 Dibromomethane
 Concen: 49.807 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Tgt Ion: 93 Resp: 90894
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.5 101.3
 174 119.1 95.8 143.6





#47

Bromodichloromethane

Concen: 50.013 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

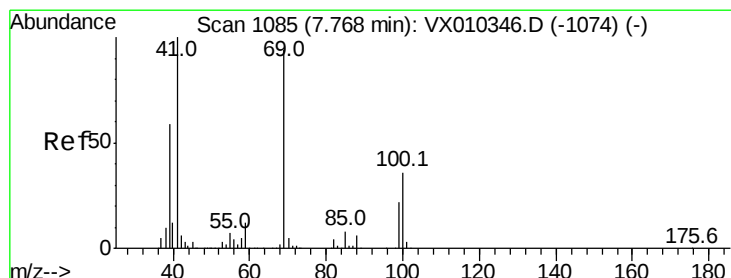
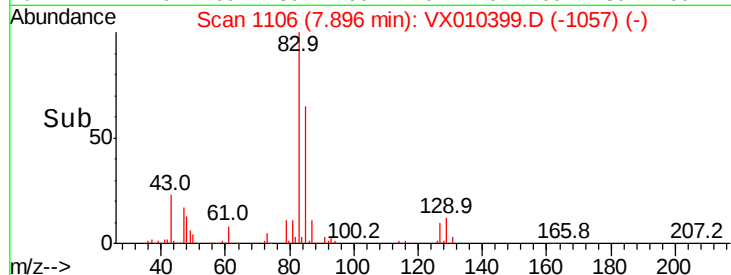
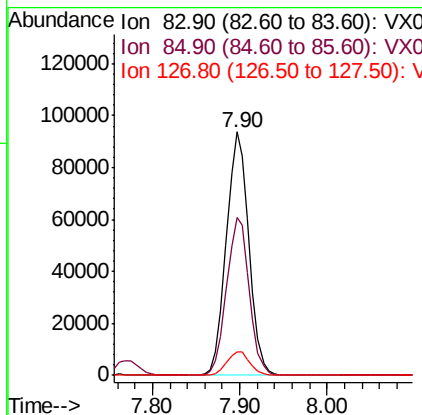
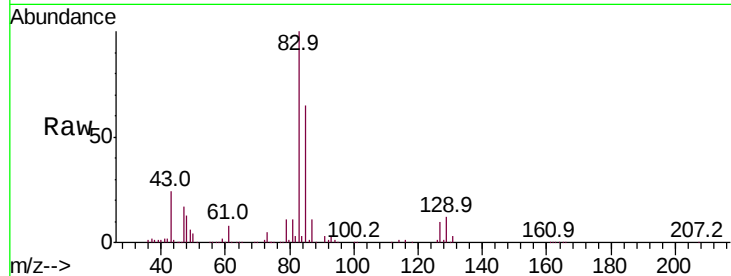
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	167266
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.5	77.3
127	9.8	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.746 ug/l

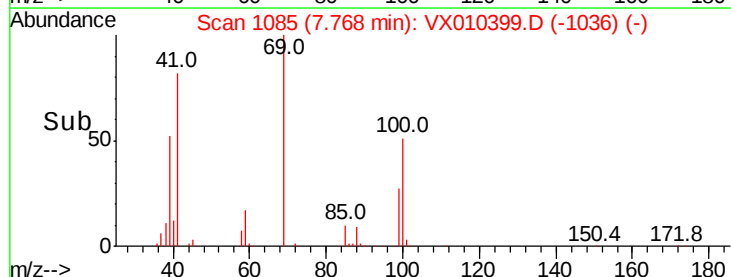
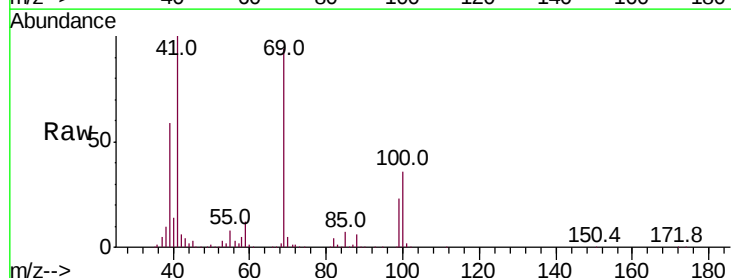
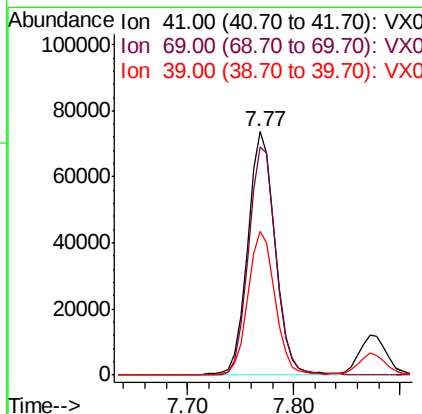
RT: 7.77 min Scan# 1085

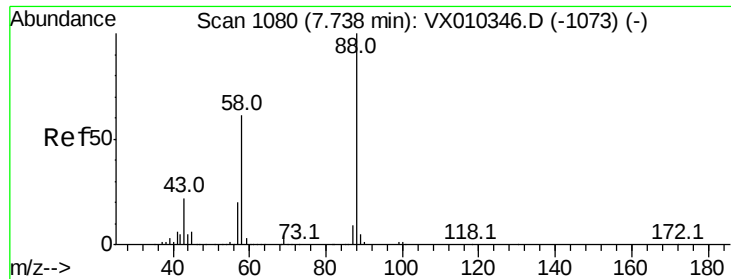
Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Tgt Ion:	41	Resp:	132354
Ion Ratio	Lower	Upper	
41	100		
69	94.7	76.1	114.1
39	58.7	47.6	71.4





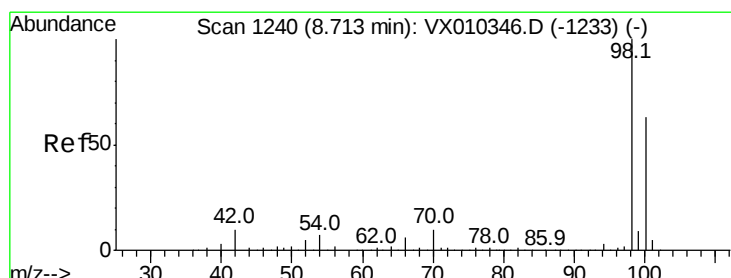
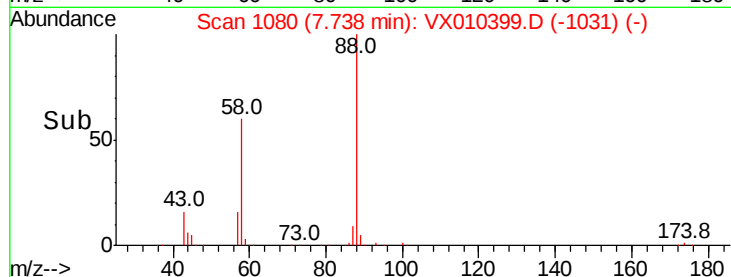
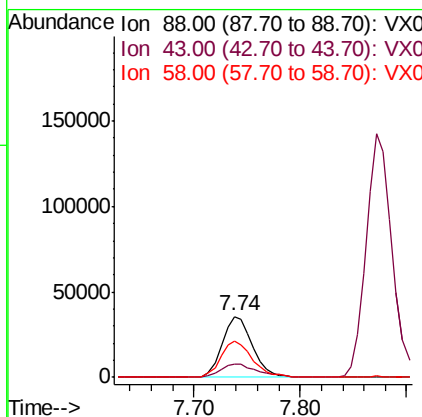
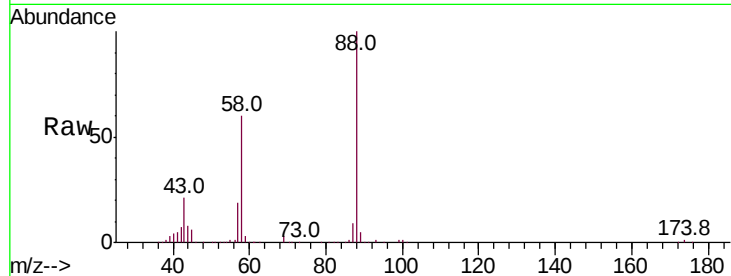
#49
 1,4-Dioxane
 Concen: 955.132 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.3	20.2	30.2
58	62.6	49.5	74.3

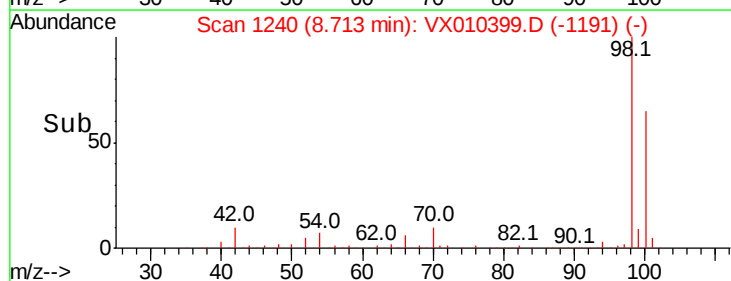
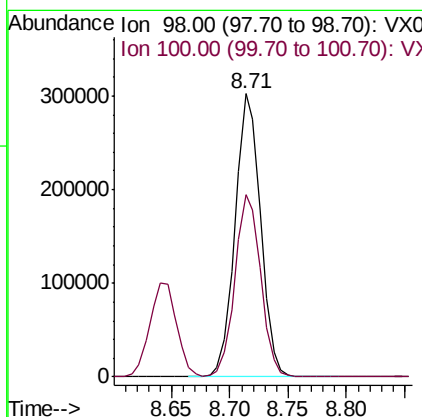
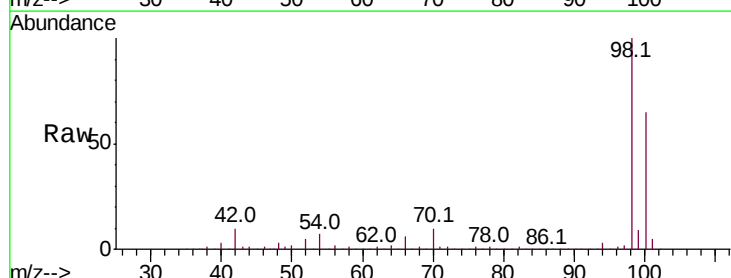
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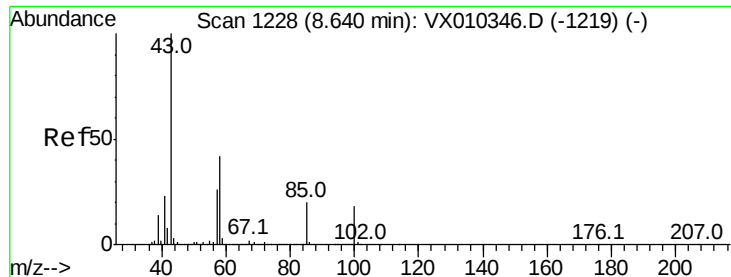
MMDadoda
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#50
 Toluene-d8
 Concen: 48.486 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 255.799 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 900252

Ion Ratio Lower Upper

43 100

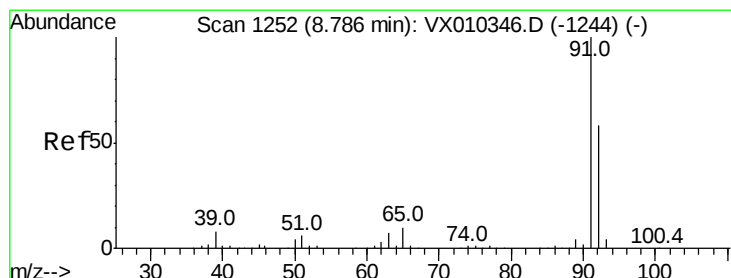
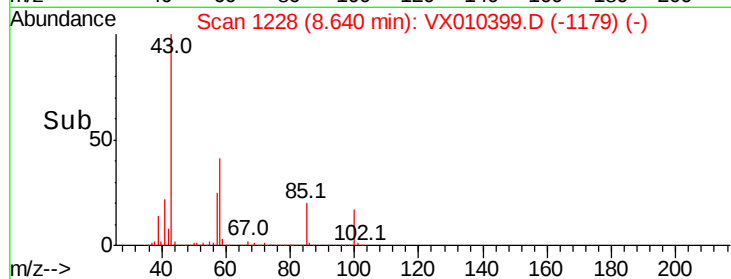
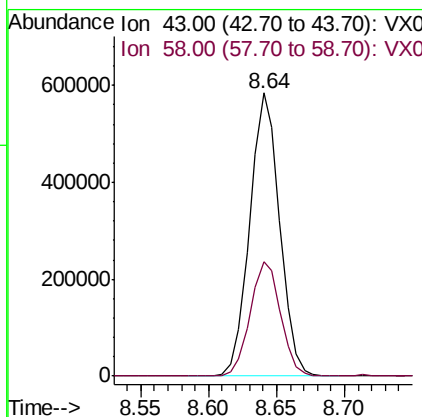
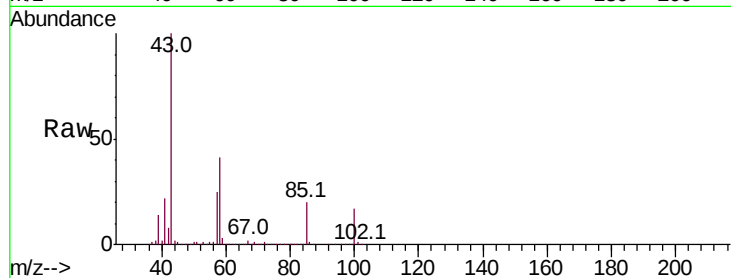
58 41.3 33.5 50.3

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#52

Toluene

Concen: 49.645 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010399.D

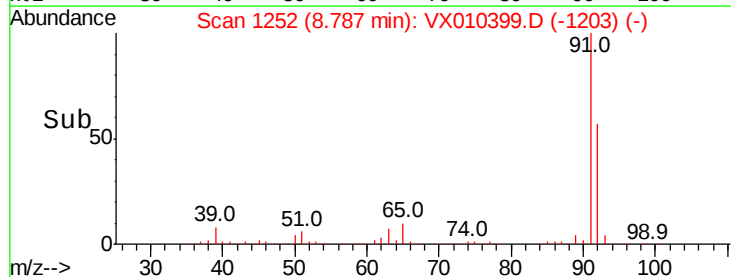
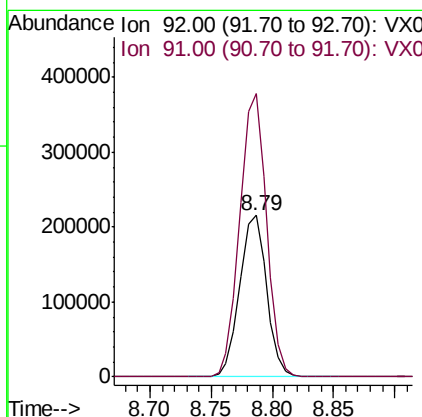
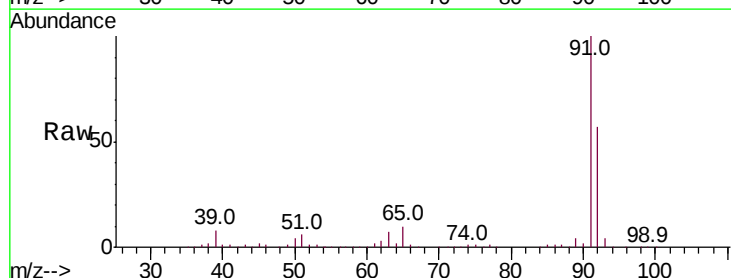
Acq: 21 Jun 2019 20:52

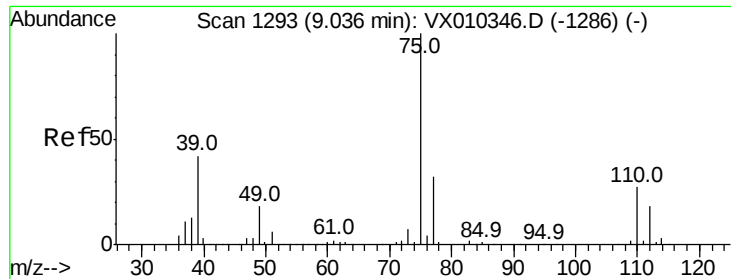
Tgt Ion: 92 Resp: 329296

Ion Ratio Lower Upper

92 100

91 174.8 139.8 209.6





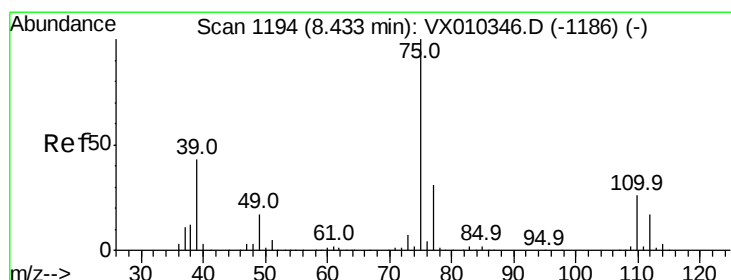
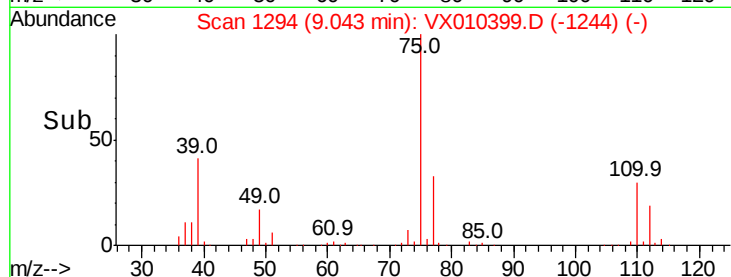
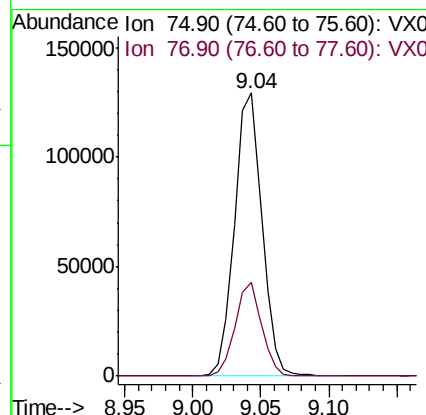
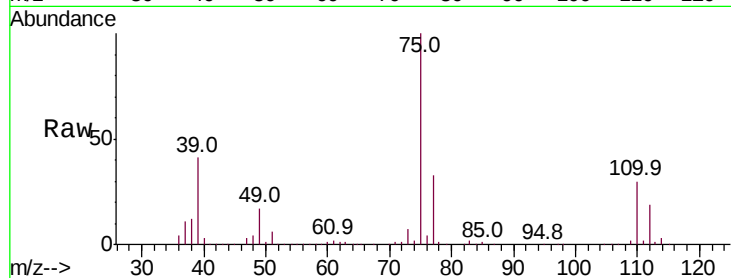
#53
t-1,3-Dichloropropene
Concen: 48.654 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
75	100	182433		
77	33.1	25.4	38.2	

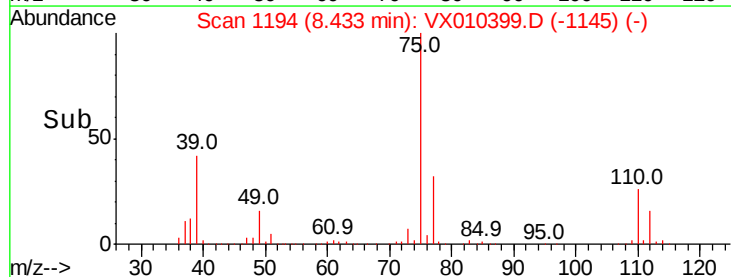
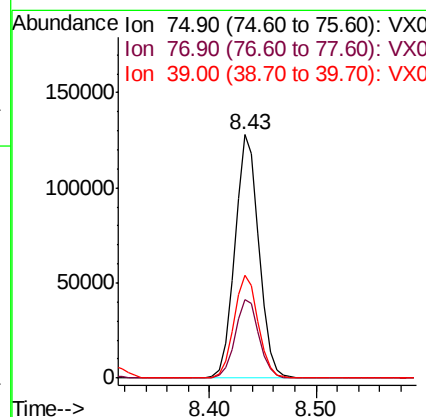
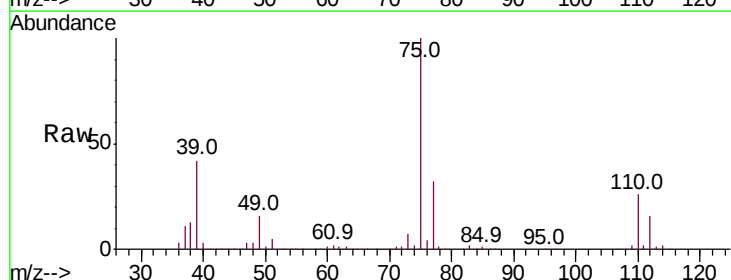
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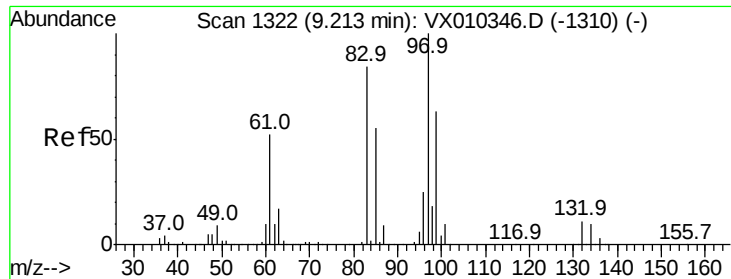
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.601 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	202112		
77	32.1	25.2	37.8	
39	42.3	34.5	51.7	





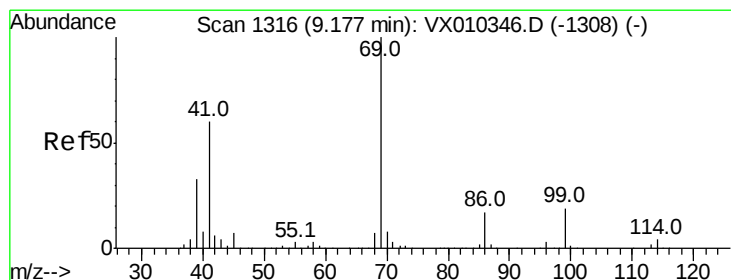
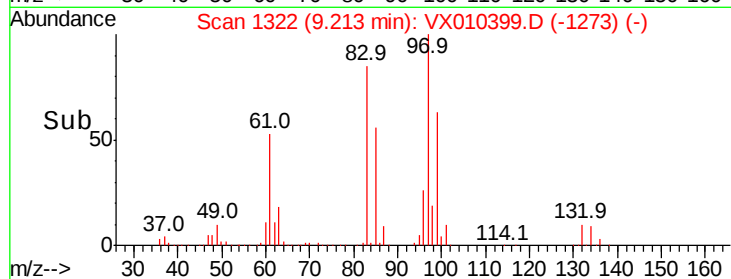
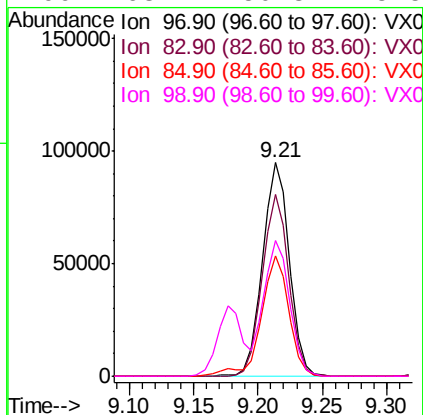
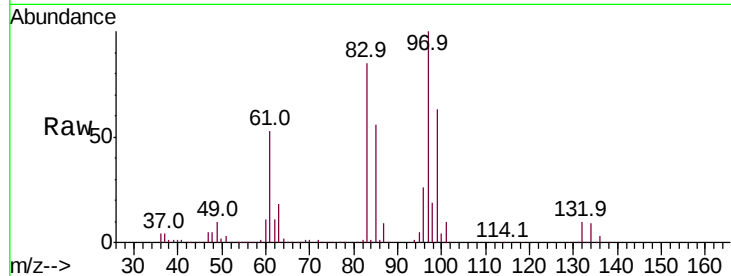
#55
 1,1,2-Trichloroethane
 Concen: 49.972 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.4	101.0
85	56.4	43.8	65.8
99	63.4	50.3	75.5

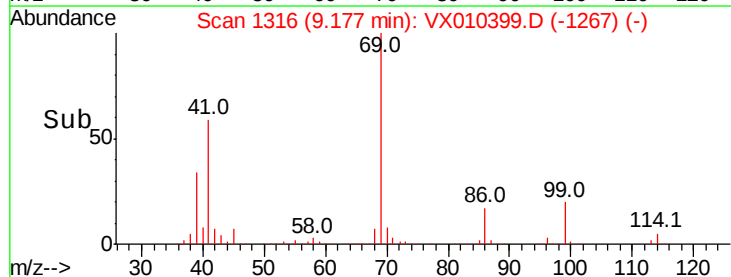
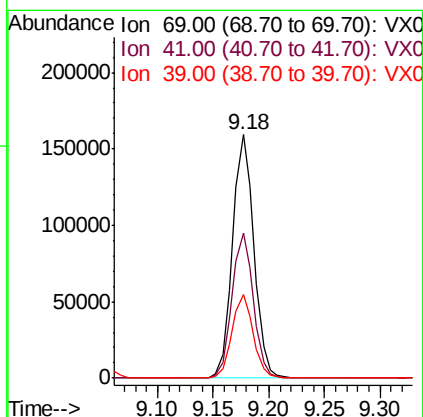
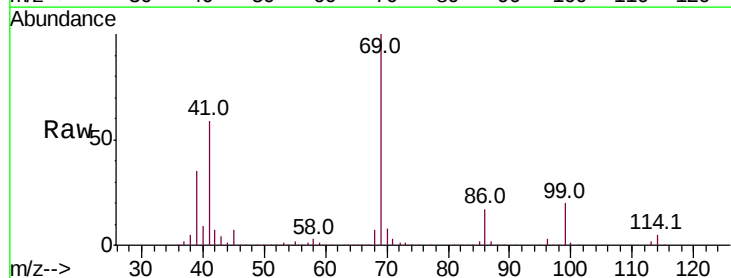
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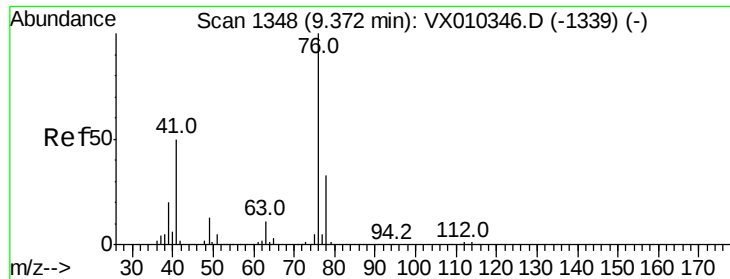
MMDadoda
 6/24/2019 11:21:39 AM



#56
 Ethyl methacrylate
 Concen: 51.070 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.1	70.7
39	34.1	26.6	40.0





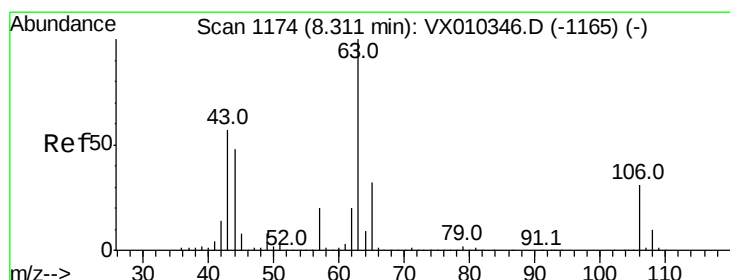
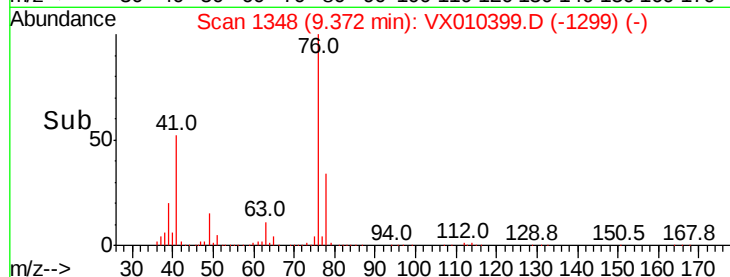
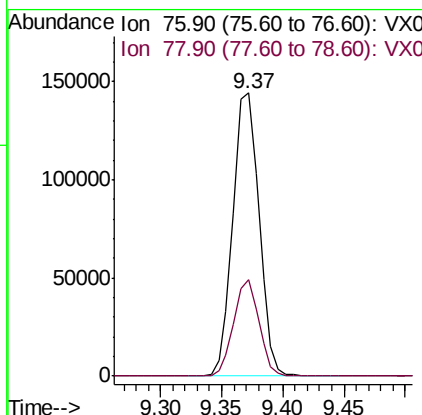
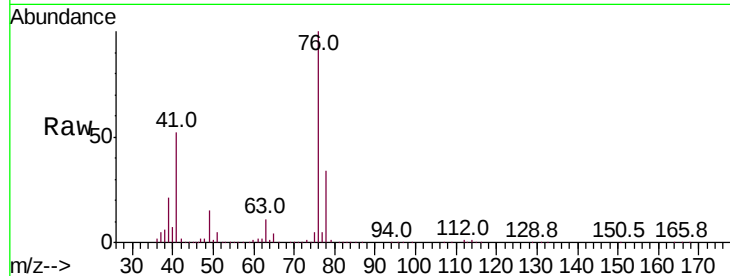
#57
 1,3-Dichloropropane
 Concen: 50.454 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 214252
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.1 39.1

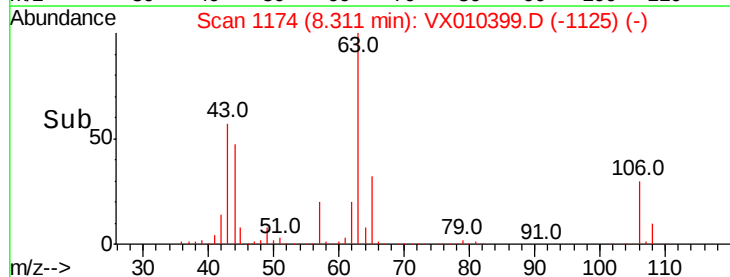
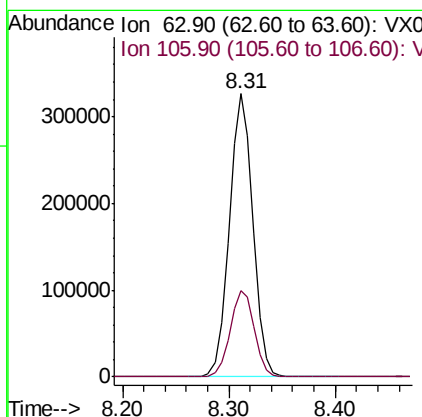
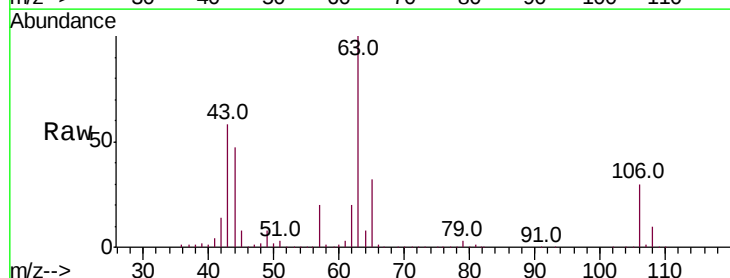
Manual Integrations
 APPROVED

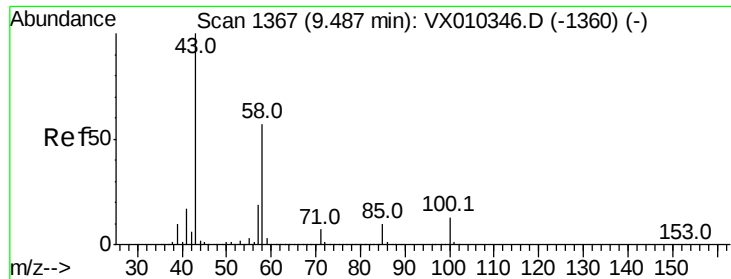
MMDadoda
 6/24/2019 11:21:39 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.653 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Tgt Ion: 63 Resp: 503158
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.7 37.1





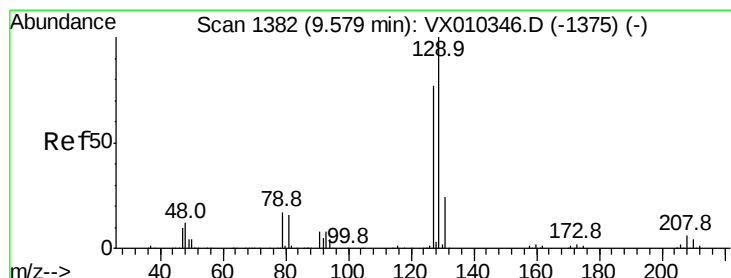
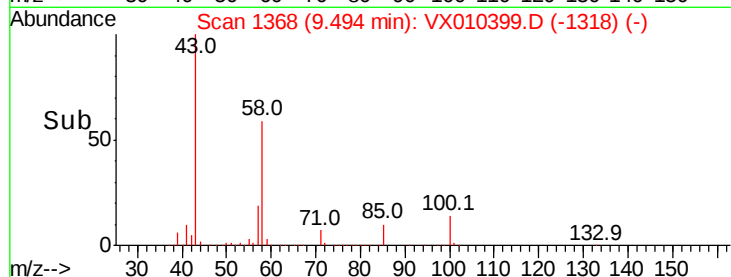
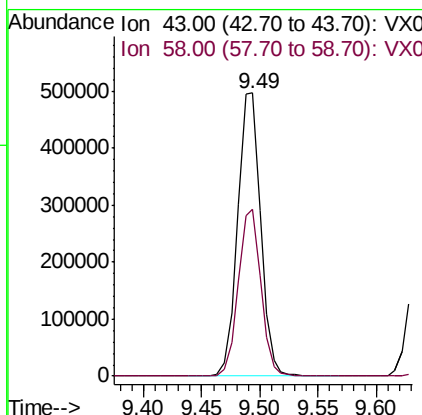
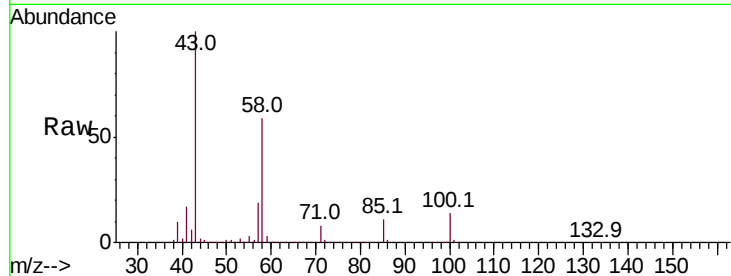
#59
2-Hexanone
Concen: 247.664 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 685998
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.1

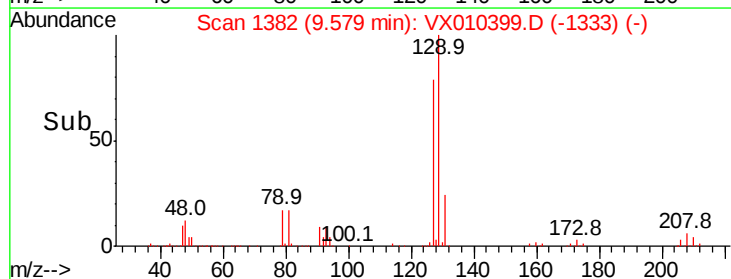
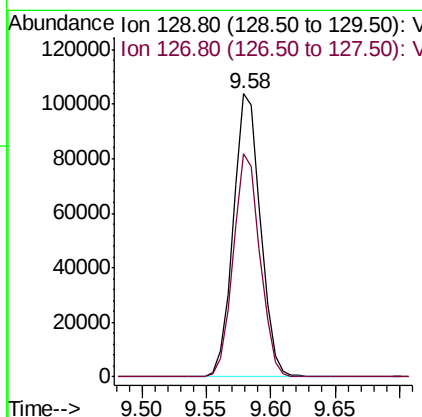
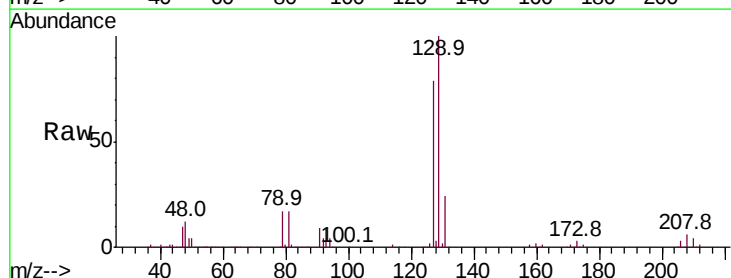
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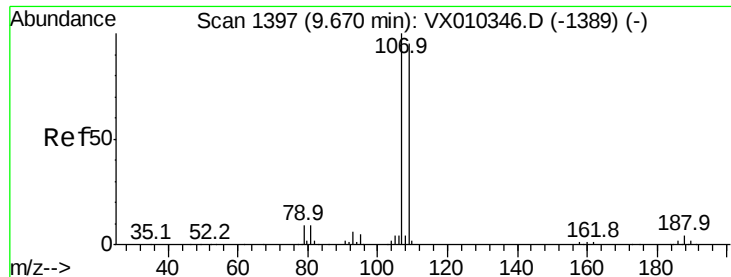
MMDadoda
6/24/2019 11:21:39 AM



#60
Dibromochloromethane
Concen: 49.750 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion: 129 Resp: 152381
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.879 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 150234

Ion Ratio Lower Upper

107 100

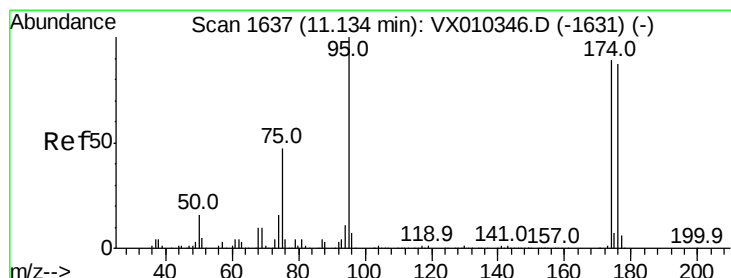
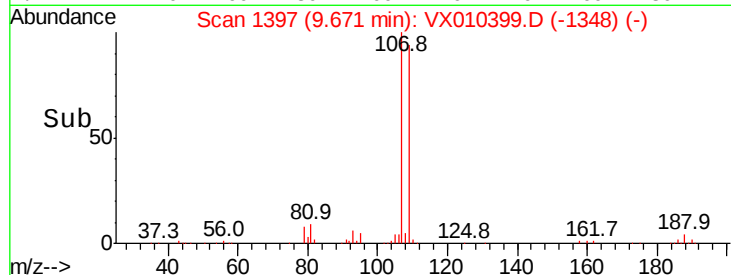
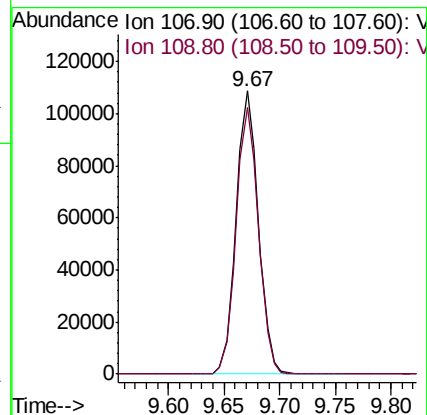
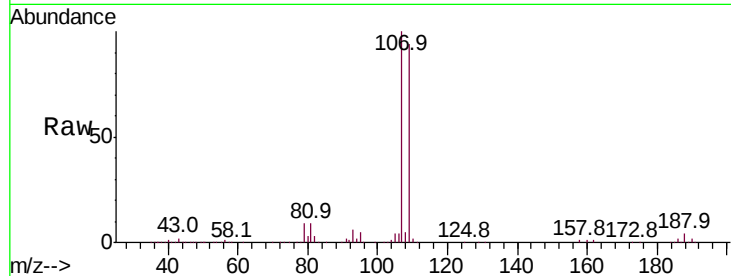
109 94.9 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 47.858 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

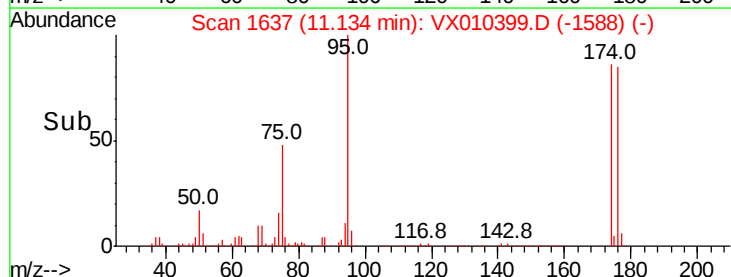
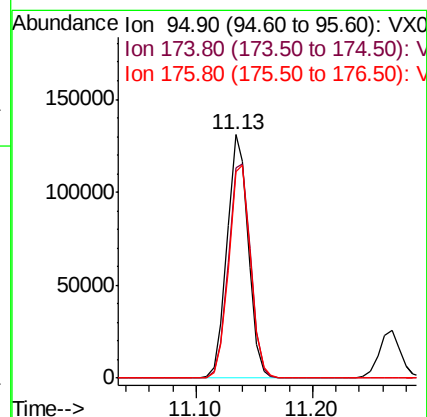
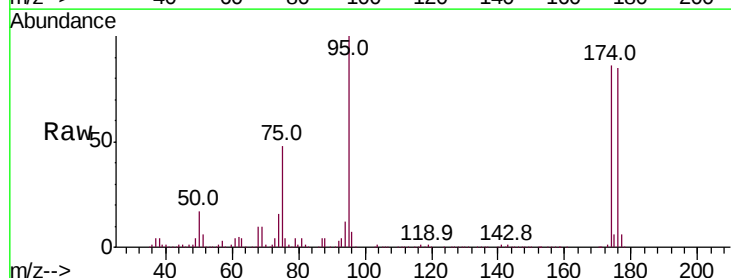
Tgt Ion: 95 Resp: 164543

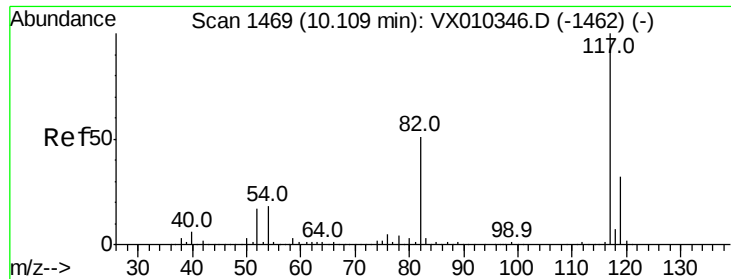
Ion Ratio Lower Upper

95 100

174 92.2 0.0 187.6

176 90.1 0.0 184.0





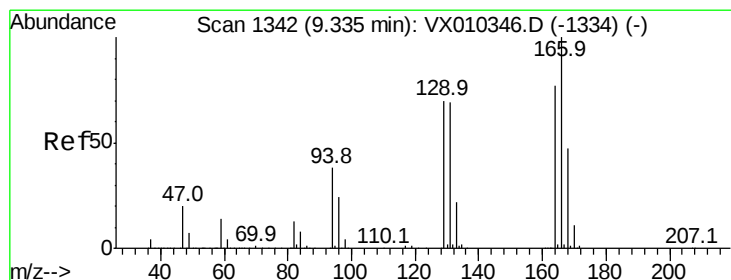
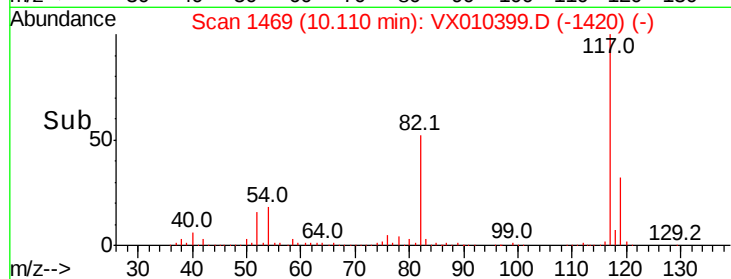
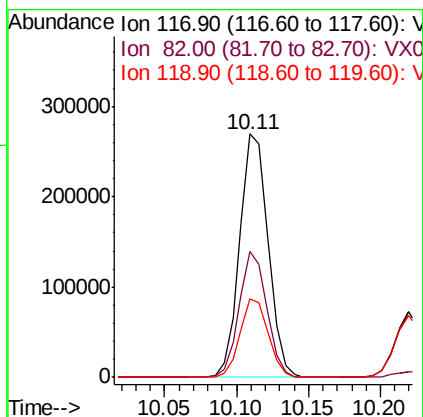
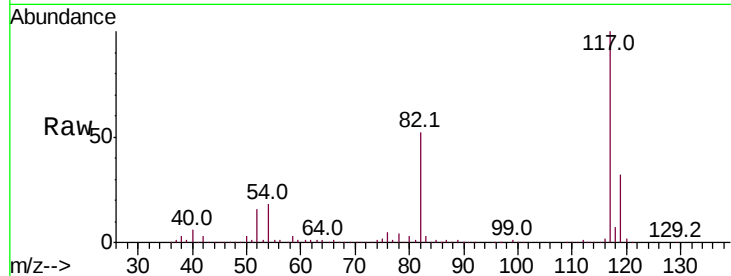
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.2	61.8
119	32.0	25.5	38.3

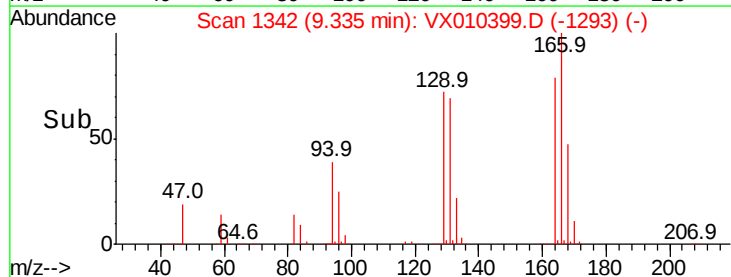
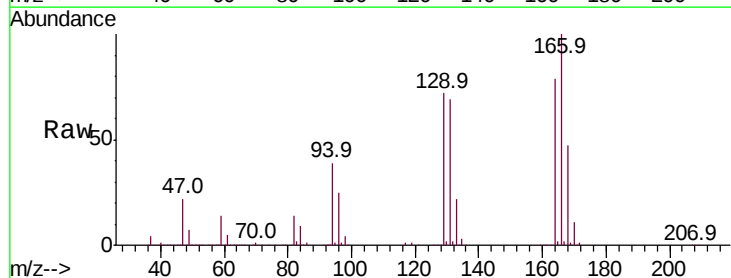
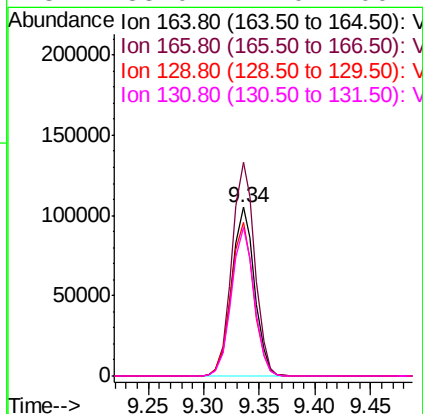
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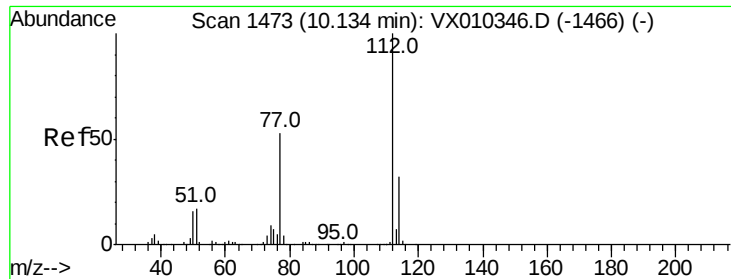
MMDadoda
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#64
Tetrachloroethene
Concen: 49.668 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	103.6	155.4
129	91.4	73.0	109.4
131	88.0	71.0	106.4





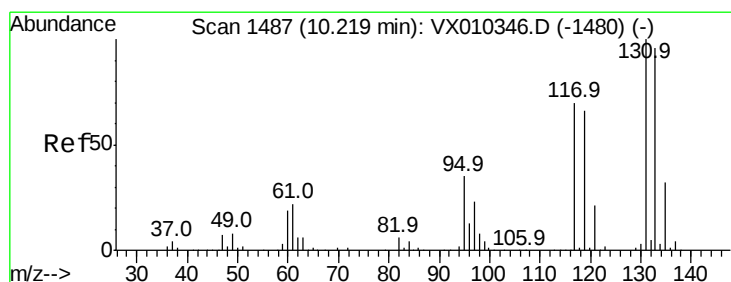
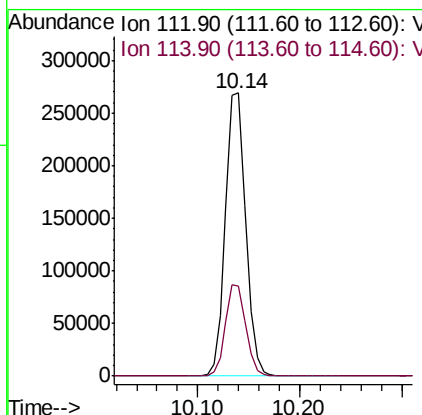
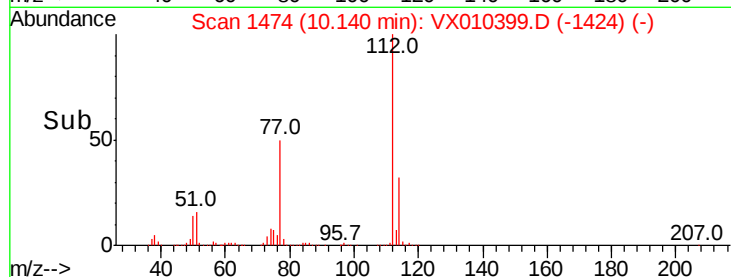
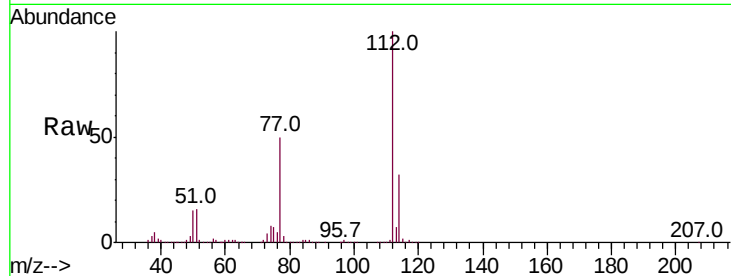
#65
Chlorobenzene
Concen: 49.586 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 372182
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

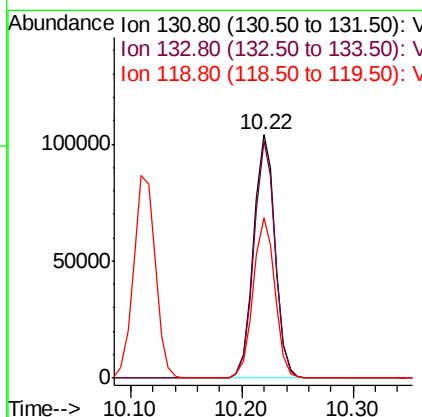
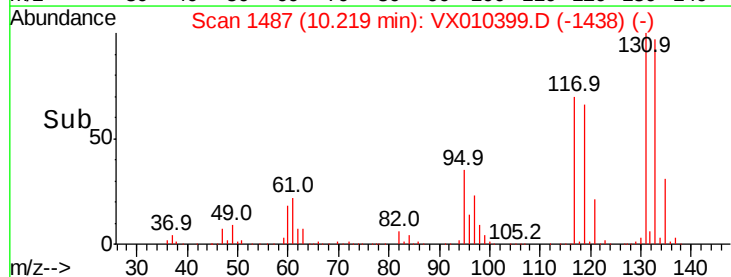
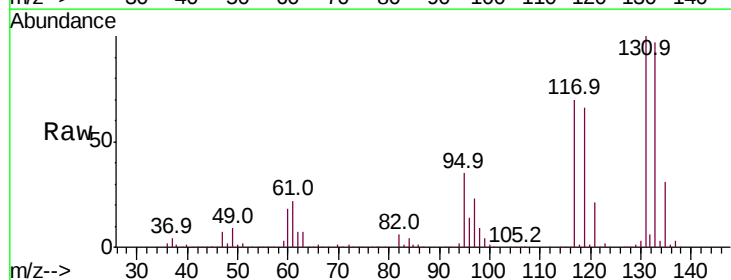
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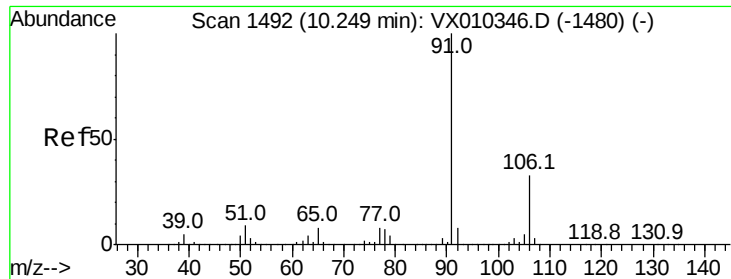
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6/24/2019 11:21:39 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.013 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion:131 Resp: 139471
Ion Ratio Lower Upper
131 100
133 96.3 47.7 143.1
119 66.7 32.6 97.7





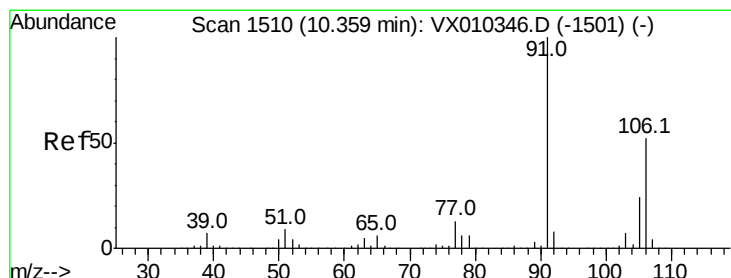
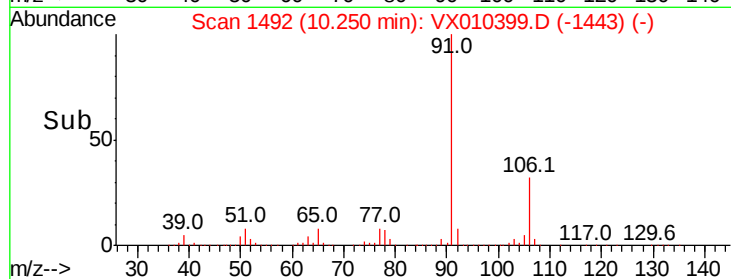
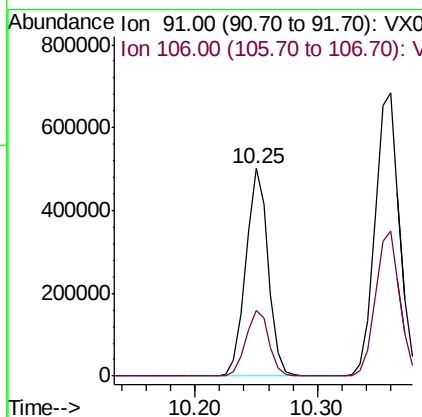
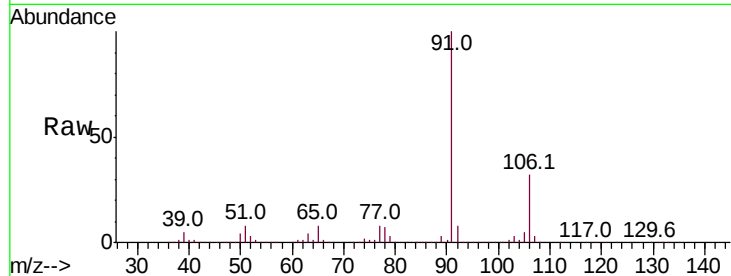
#67
Ethyl Benzene
Concen: 49.878 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 632030
Ion Ratio Lower Upper
91 100
106 31.9 26.2 39.2

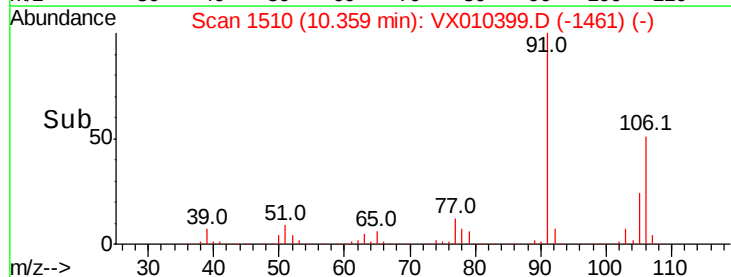
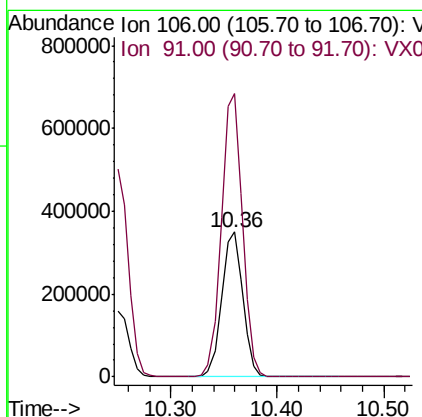
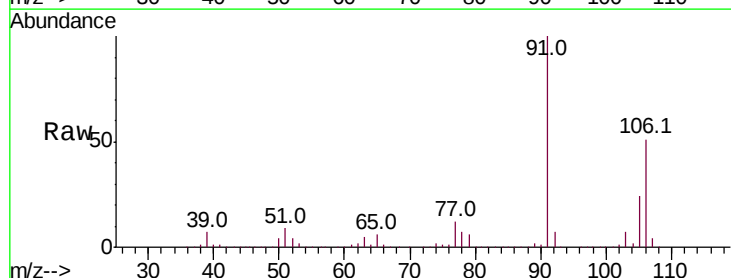
Manual Integrations
APPROVED

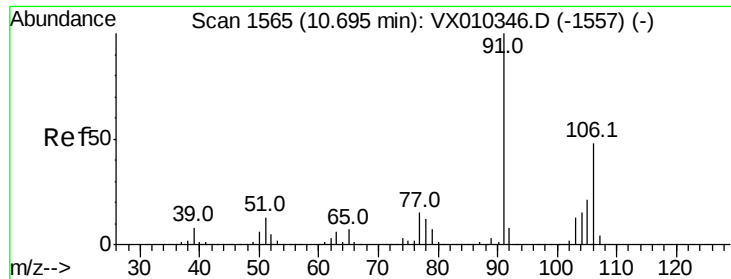
MMDadoda
6/24/2019 11:21:39 AM



#68
m/p-Xylenes
Concen: 98.518 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion: 106 Resp: 483713
Ion Ratio Lower Upper
106 100
91 195.5 155.3 232.9





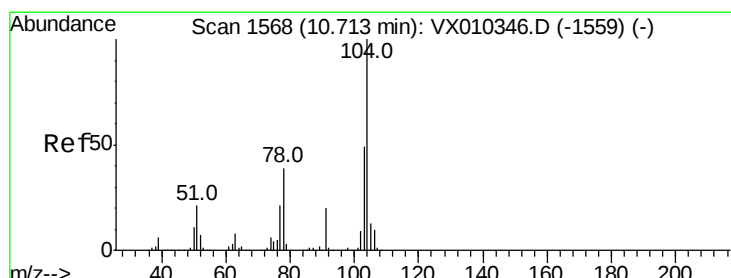
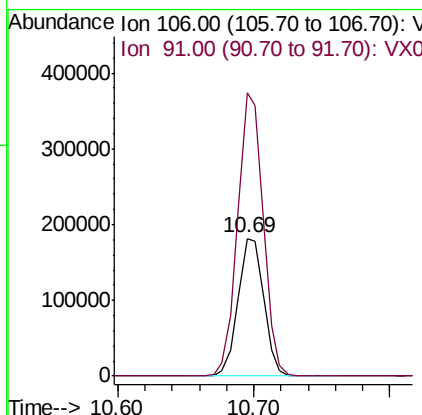
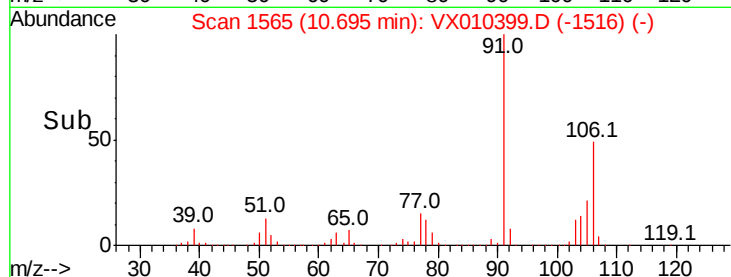
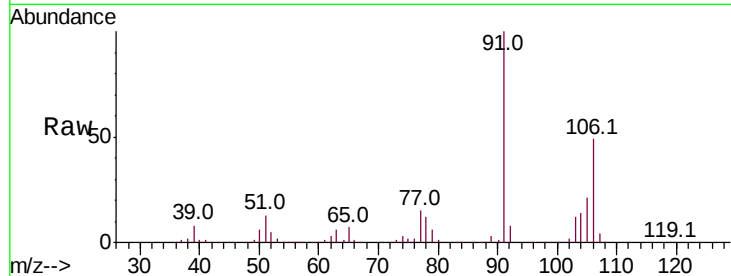
#69
o-Xylene
Concen: 49.596 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 239471
Ion Ratio Lower Upper
106 100
91 203.9 102.7 308.1

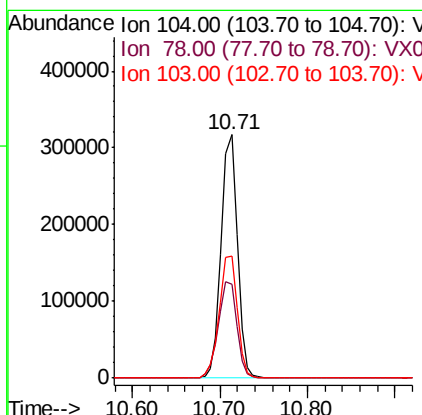
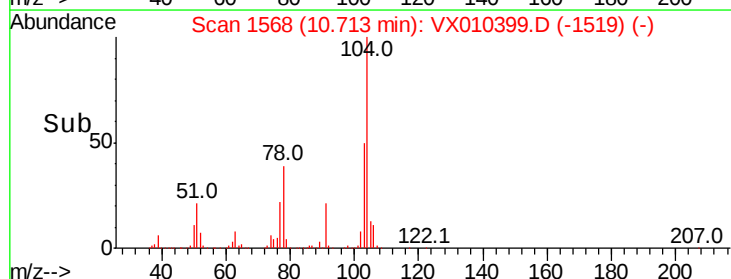
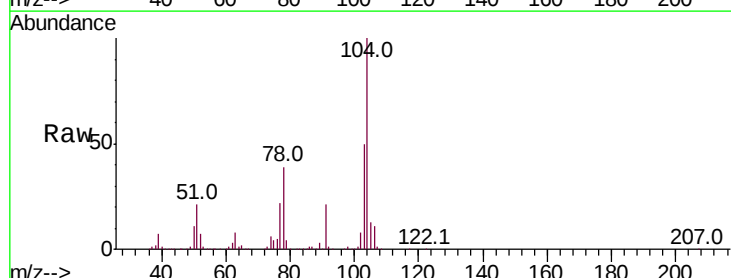
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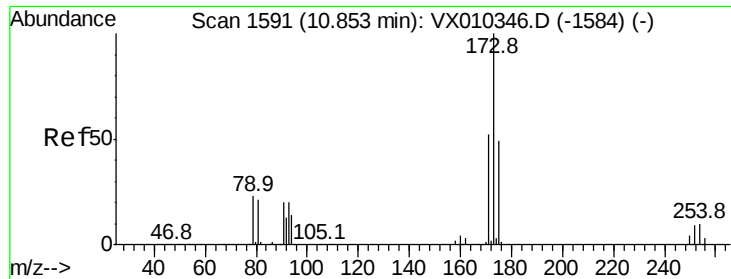
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#70
Styrene
Concen: 50.258 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion:104 Resp: 406959
Ion Ratio Lower Upper
104 100
78 45.3 36.2 54.2
103 55.9 44.2 66.4





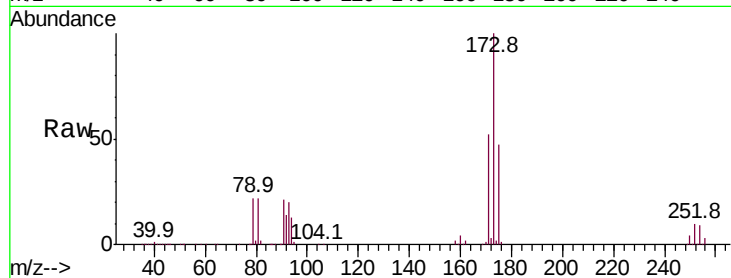
#71
Bromoform
Concen: 50.641 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.1	72.3
254	0.2	0.2	0.2

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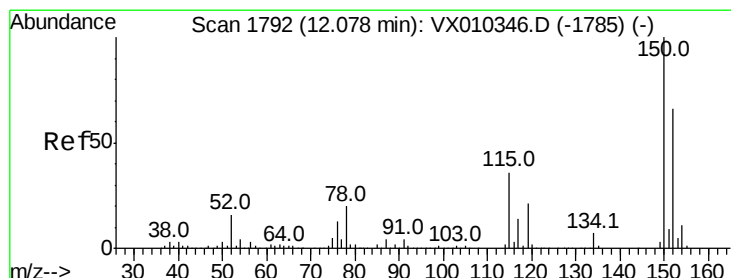
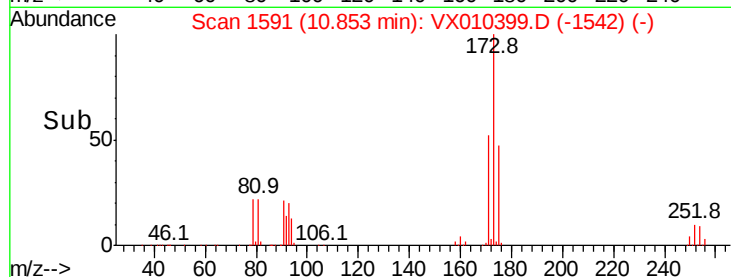
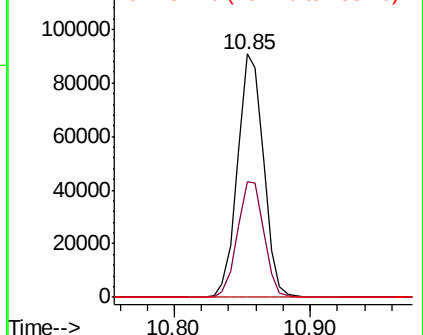


Abundance

Ion 172.70 (172.40 to 173.40): V

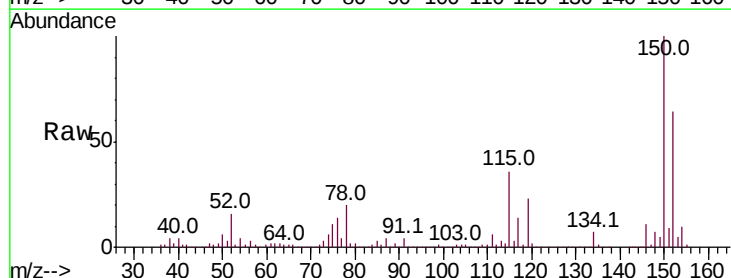
Ion 174.70 (174.40 to 175.40): V

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: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.4	38.6	115.7
150	172.5	0.0	347.4

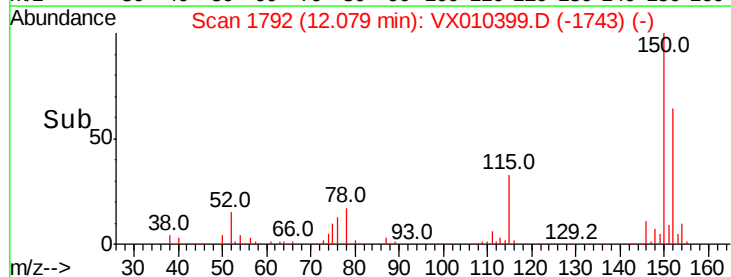
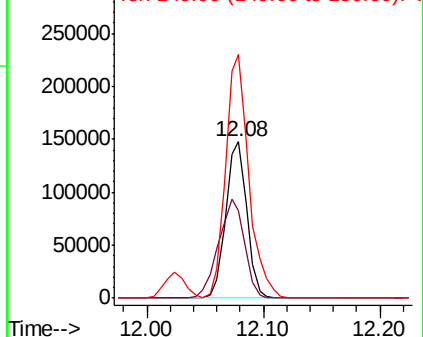


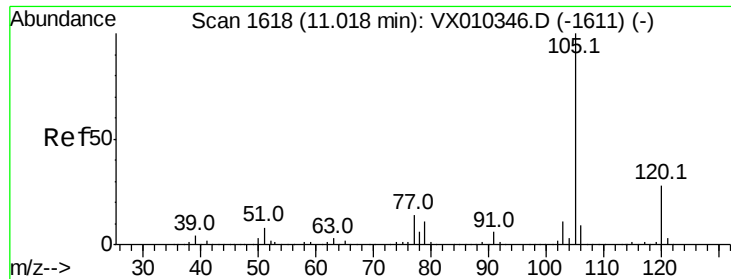
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.163 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 635417

Ion Ratio Lower Upper

105 100

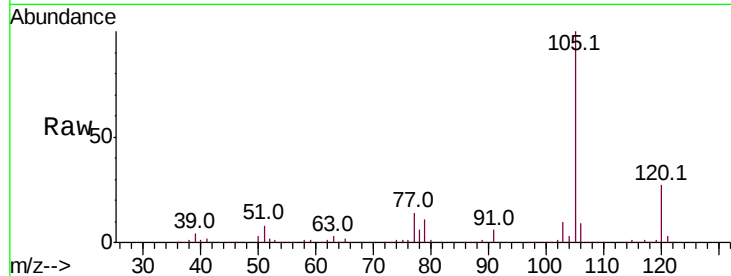
120 27.4 14.1 42.4

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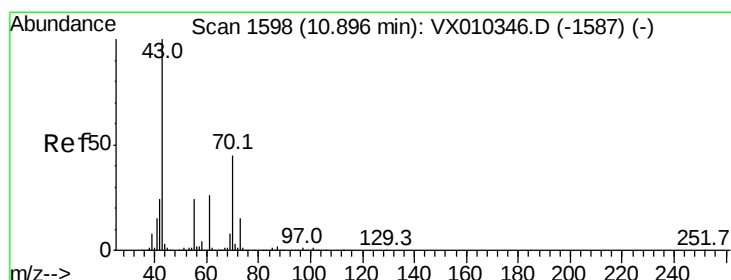
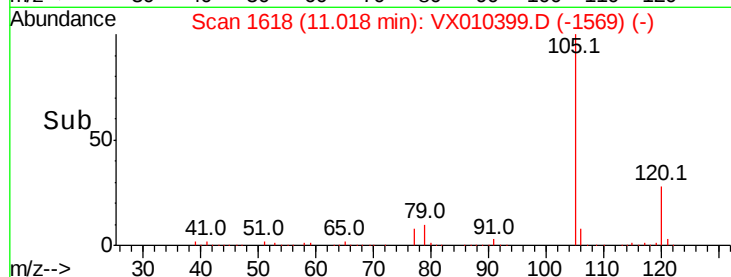
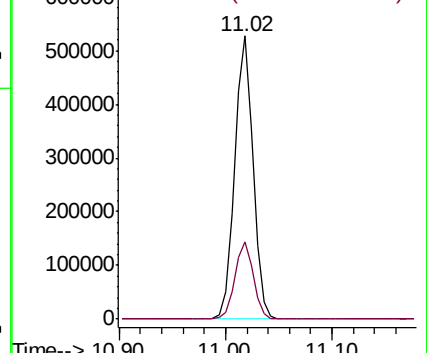
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.603 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Tgt Ion: 43 Resp: 246898

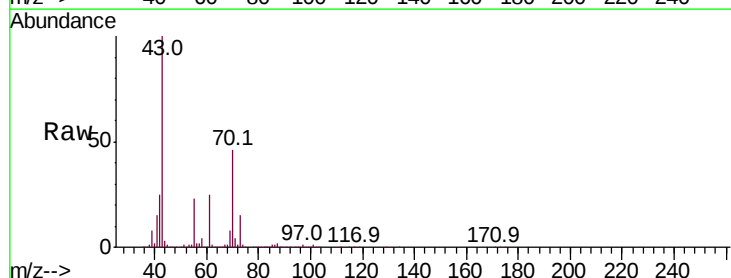
Ion Ratio Lower Upper

43 100

70 44.9 36.6 54.8

55 23.8 18.7 28.1

61 25.6 20.6 31.0

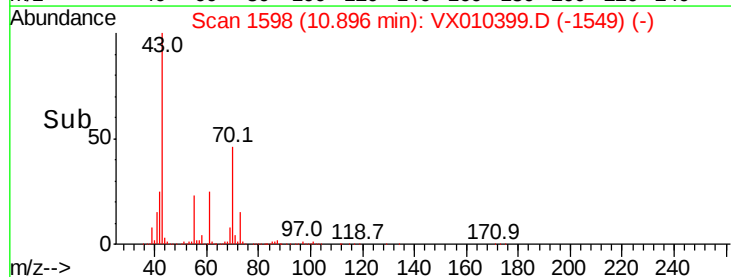
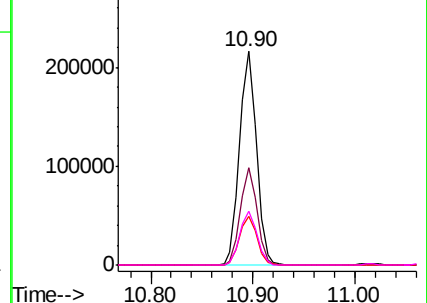


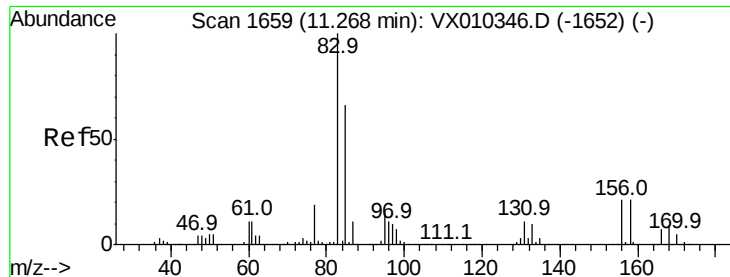
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.286 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 210942

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

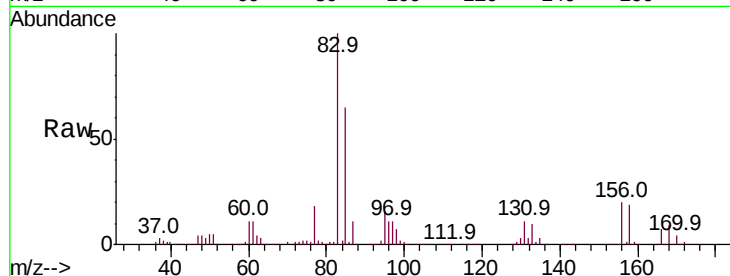
85 64.7 32.3 96.8

Manual Integrations

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MMDadoda

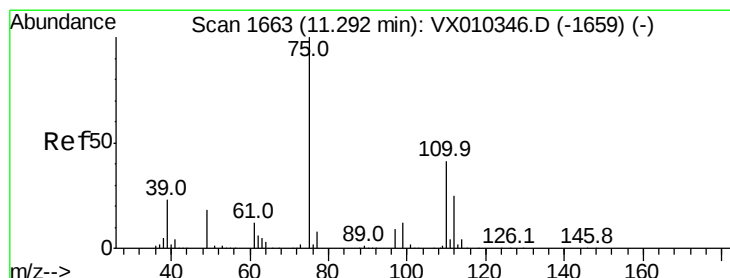
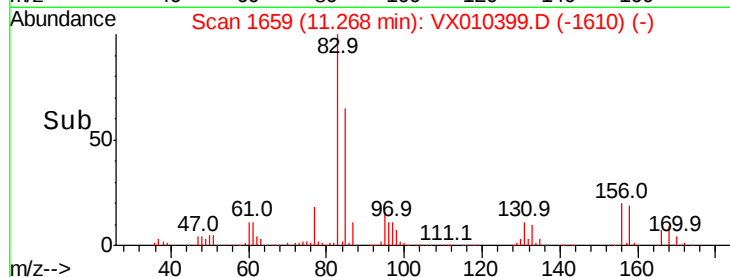
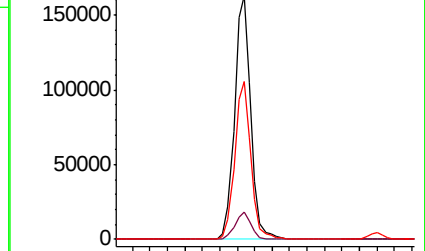
6/24/2019 11:21:39 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.118 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010399.D

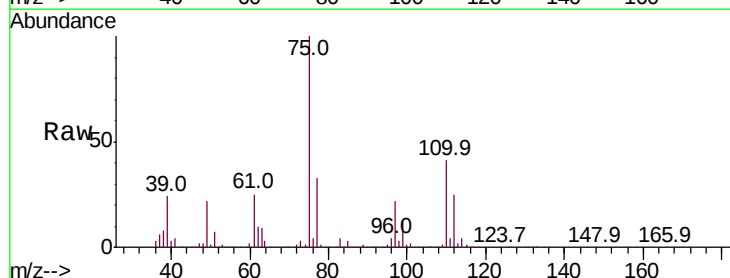
Acq: 21 Jun 2019 20:52

Tgt Ion: 75 Resp: 170665

Ion Ratio Lower Upper

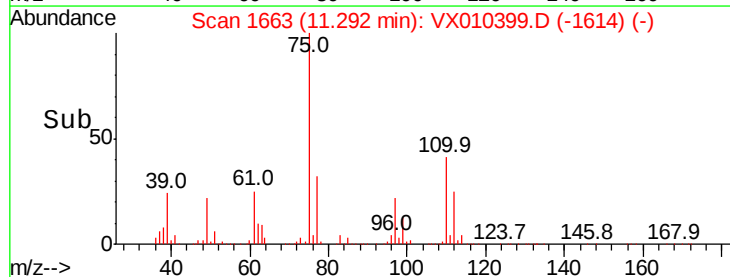
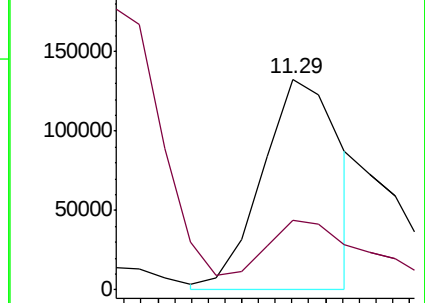
75 100

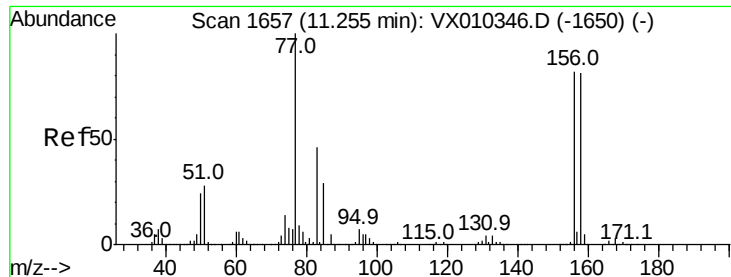
77 44.9 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.490 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

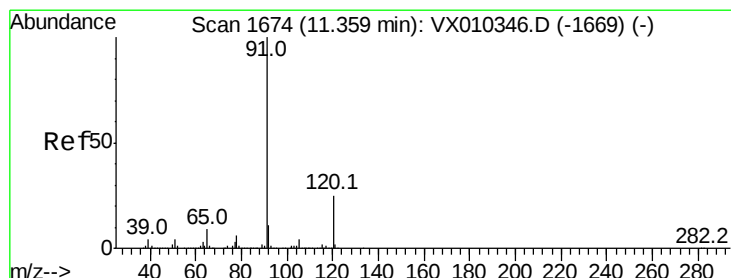
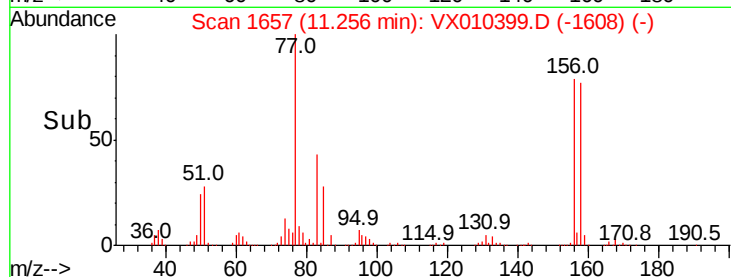
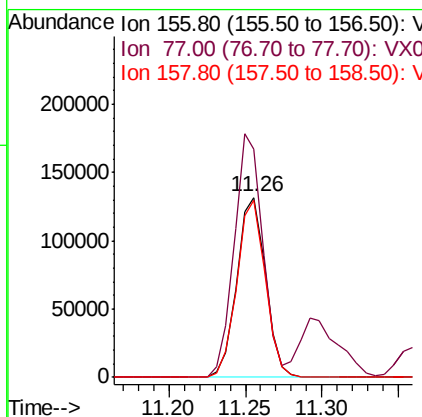
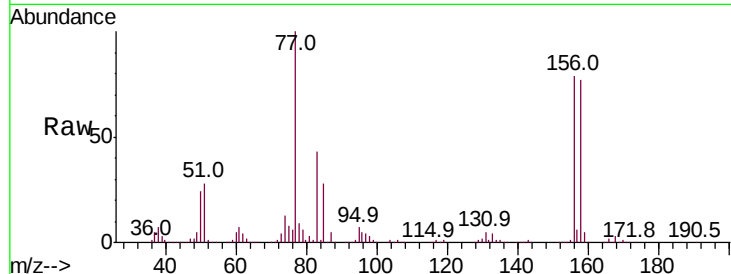
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	171625
Ion Ratio	Lower	Upper	
156	100		
77	134.5	66.3	198.7
158	97.3	48.9	146.7

Manual Integrations
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#78

n-propylbenzene

Concen: 51.303 ug/l

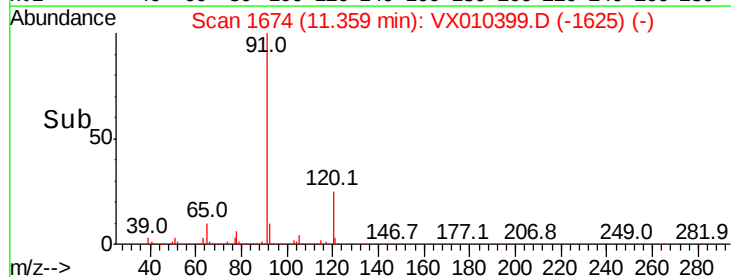
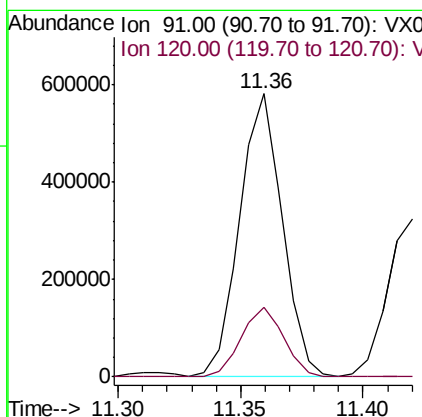
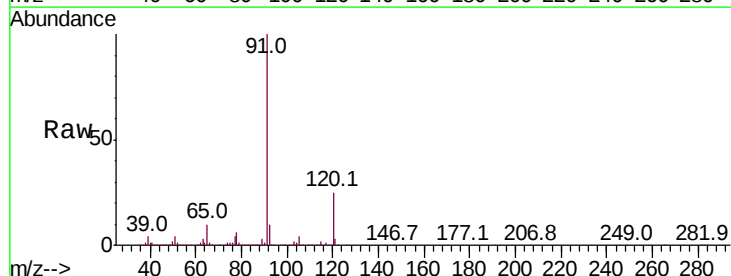
RT: 11.36 min Scan# 1674

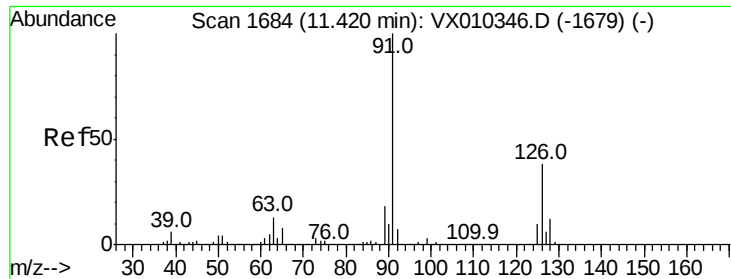
Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Tgt Ion:	91	Resp:	700266
Ion Ratio	Lower	Upper	
91	100		
120	24.8	12.4	37.4





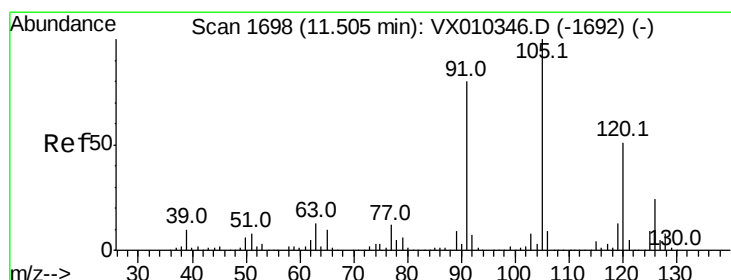
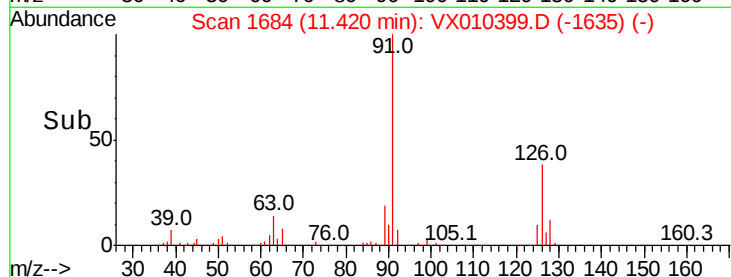
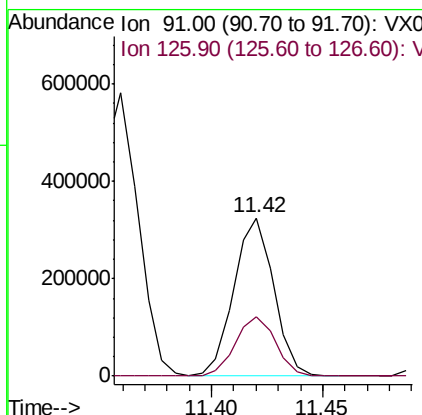
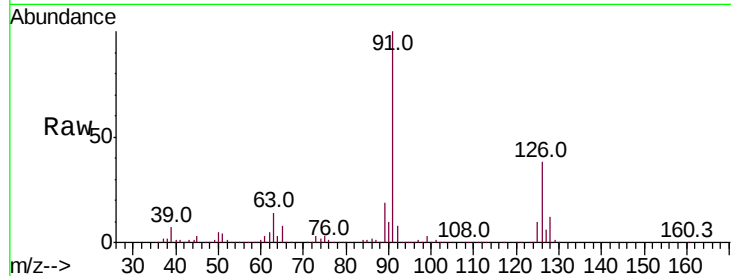
#79
 2-Chlorotoluene
 Concen: 49.793 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 404719
 Ion Ratio Lower Upper
 91 100
 126 38.0 18.7 56.1

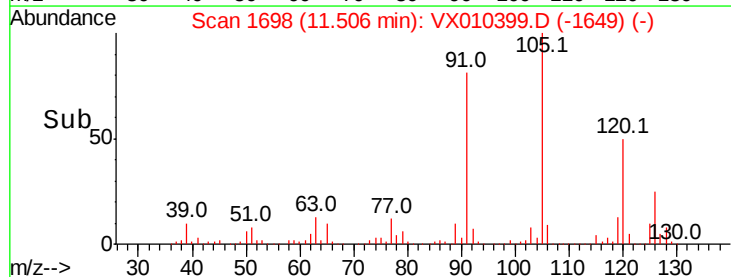
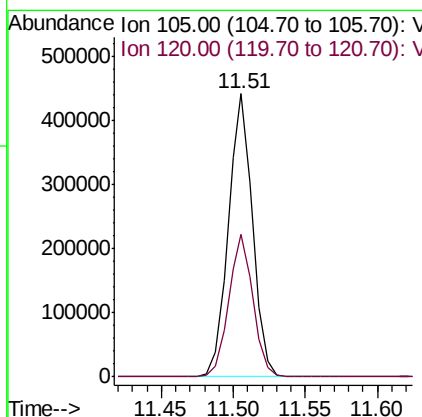
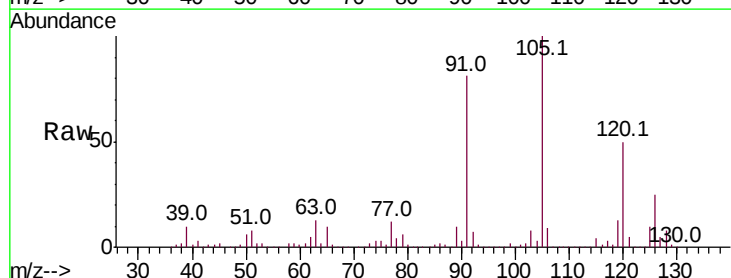
Manual Integrations
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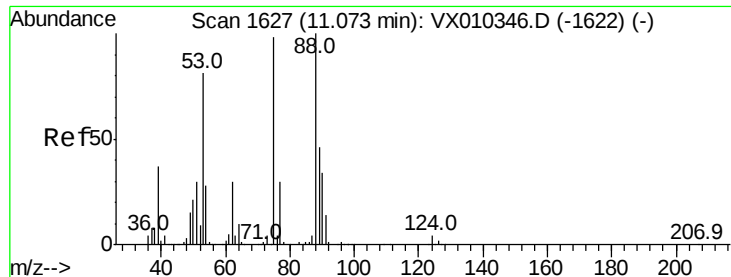
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.775 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Tgt Ion: 105 Resp: 519853
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.549 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

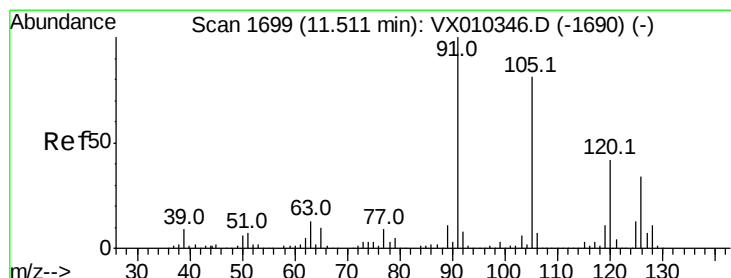
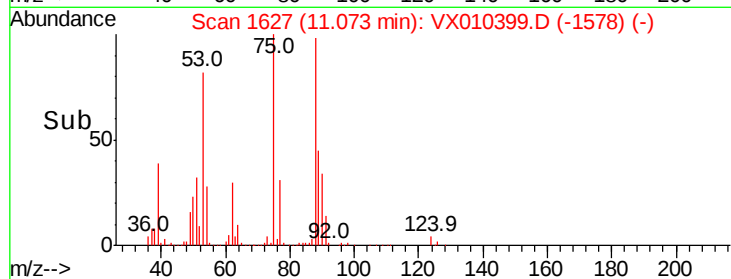
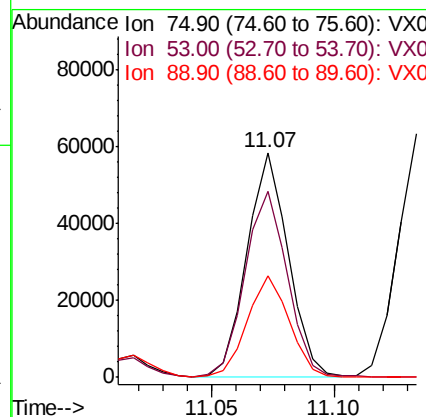
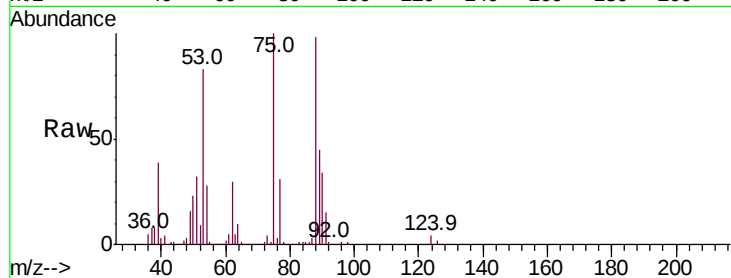
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	68047
Ion	Ratio	Lower	Upper
75	100		
53	85.4	66.1	99.1
89	46.6	37.8	56.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.636 ug/l

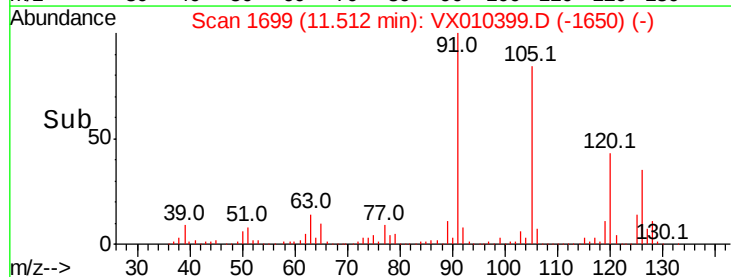
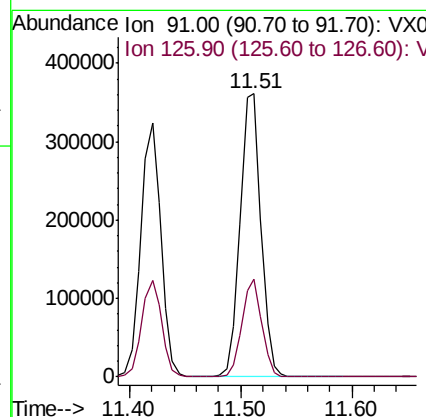
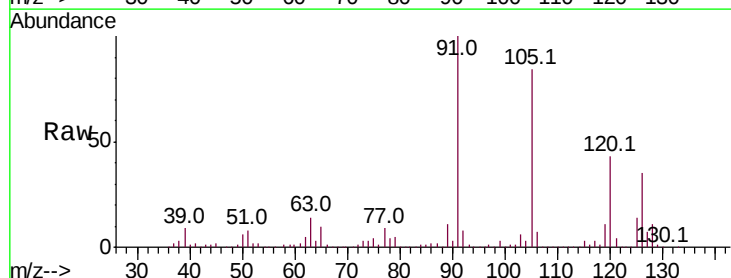
RT: 11.51 min Scan# 1699

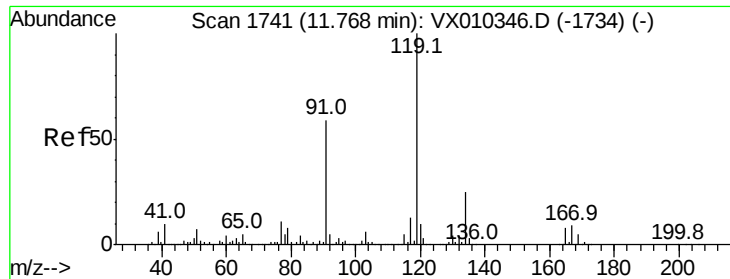
Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Tgt Ion:	91	Resp:	468321
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.2	48.6





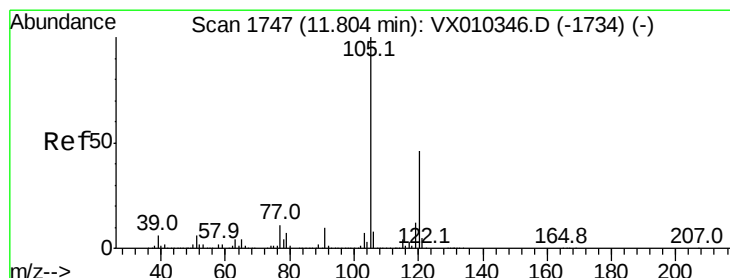
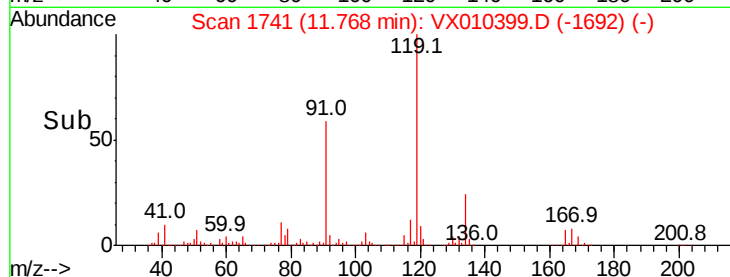
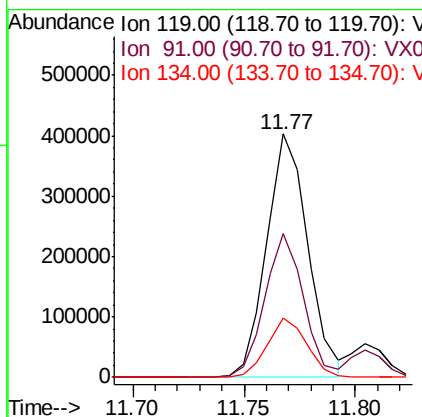
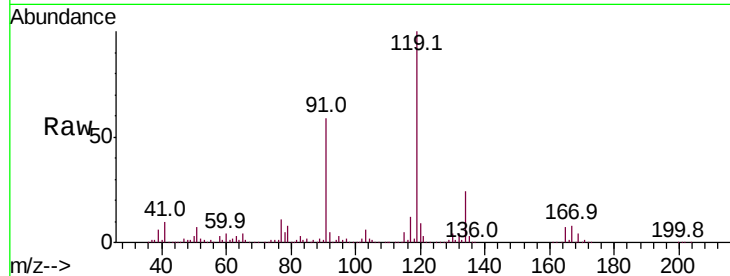
#83
tert-Butylbenzene
Concen: 50.358 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.8	27.6	82.7
134	23.6	11.8	35.4

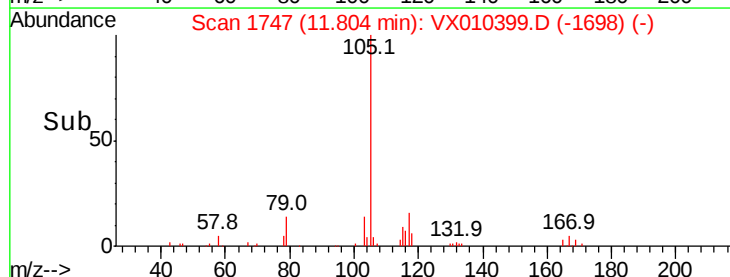
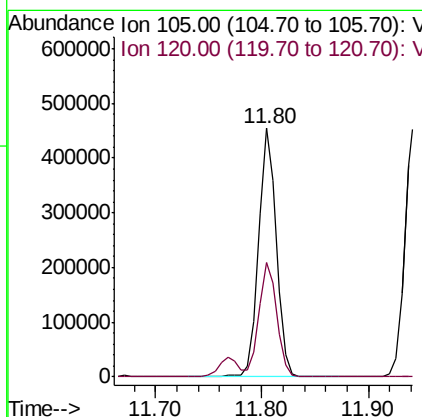
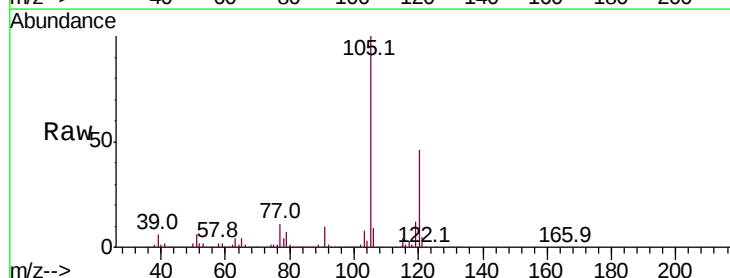
Manual Integrations
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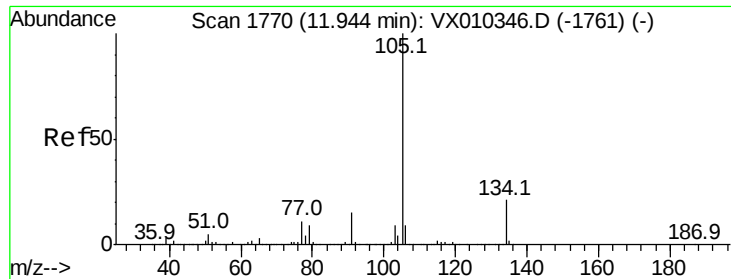
MMDadoda
6/24/2019 11:21:39 AM



#84
1,2,4-Trimethylbenzene
Concen: 51.451 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.2





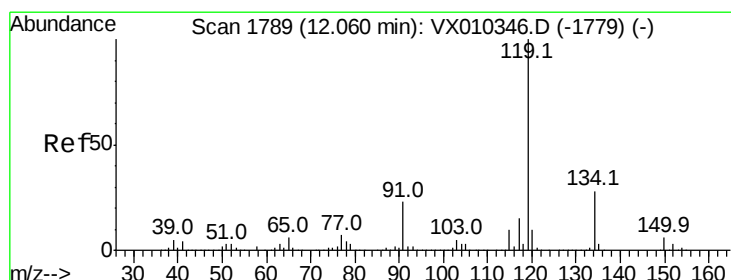
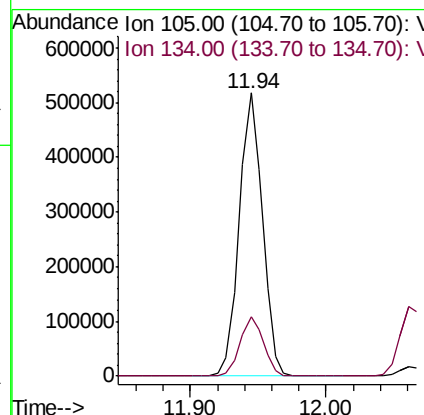
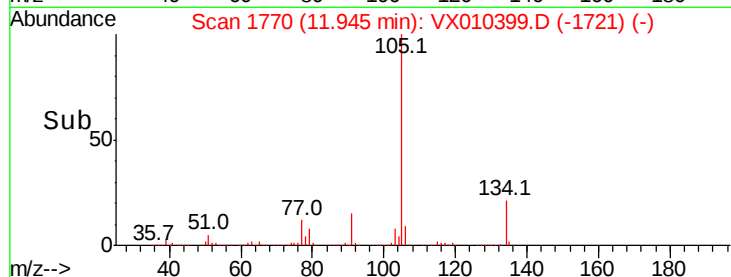
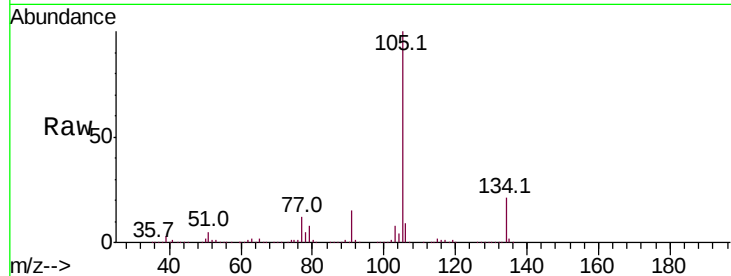
#85
 sec-Butylbenzene
 Concen: 50.915 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 614322
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.7 31.9

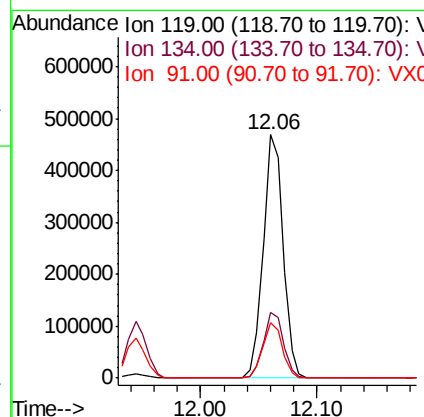
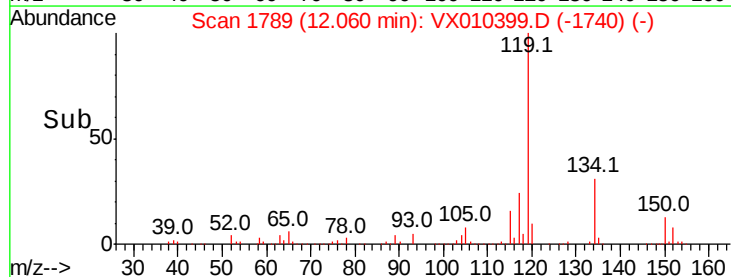
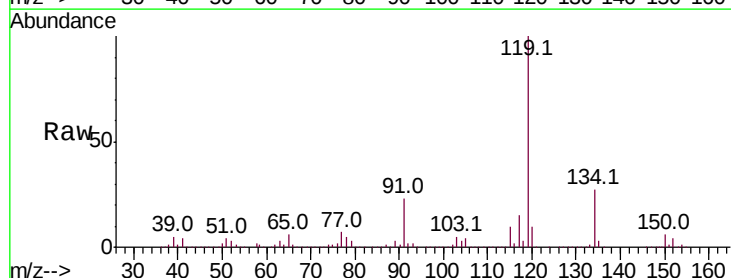
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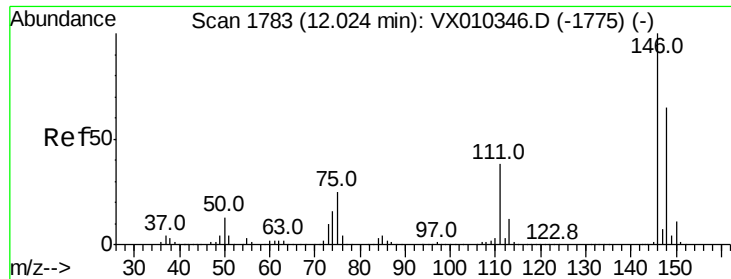
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 6/24/2019 11:21:39 AM



#86
 p-Isopropyltoluene
 Concen: 50.385 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Tgt Ion:119 Resp: 562317
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.7 41.1
 91 22.5 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 49.625 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

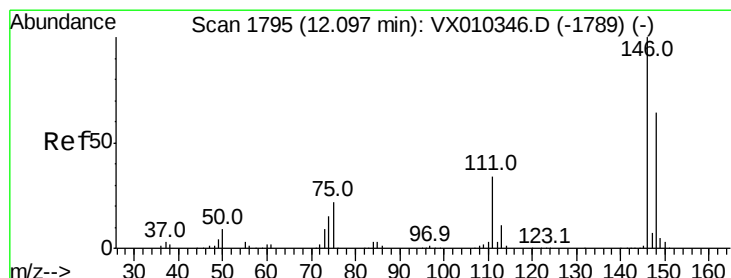
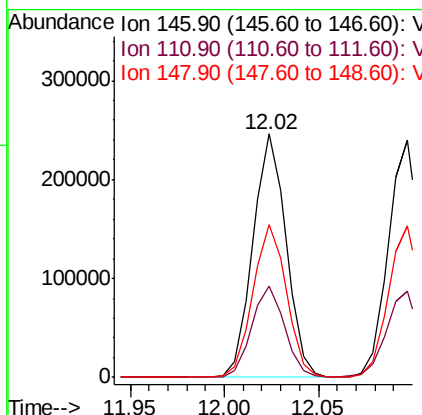
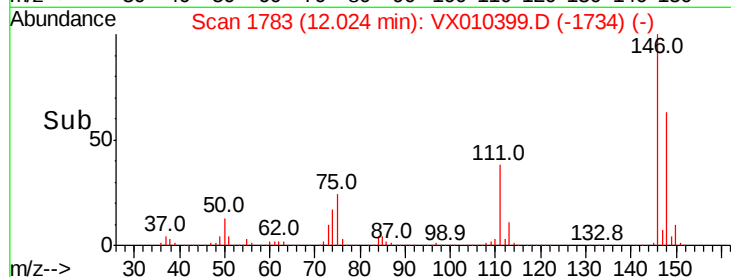
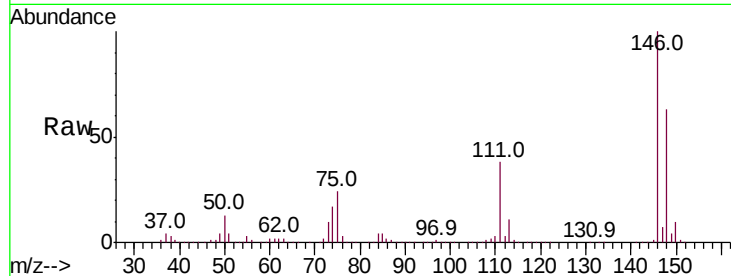
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	300399
Ion Ratio	Lower	Upper	
146	100		
111	37.4	19.1	57.1
148	63.5	32.5	97.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.779 ug/l

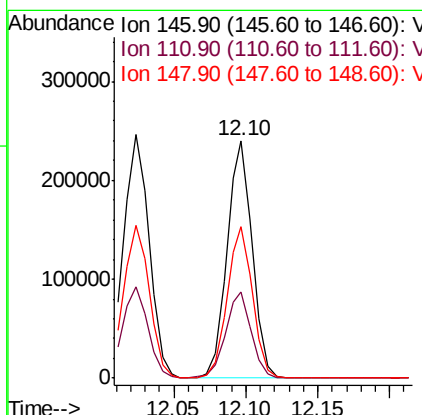
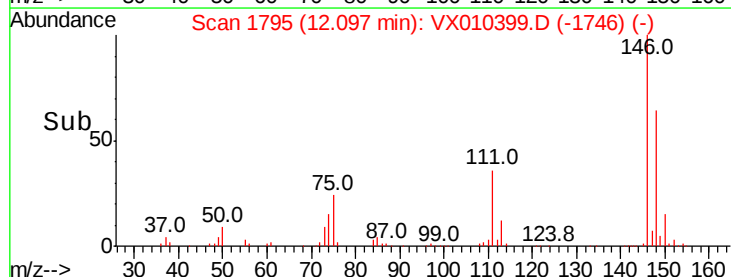
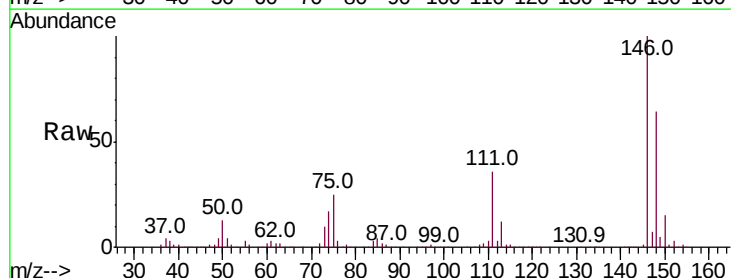
RT: 12.10 min Scan# 1795

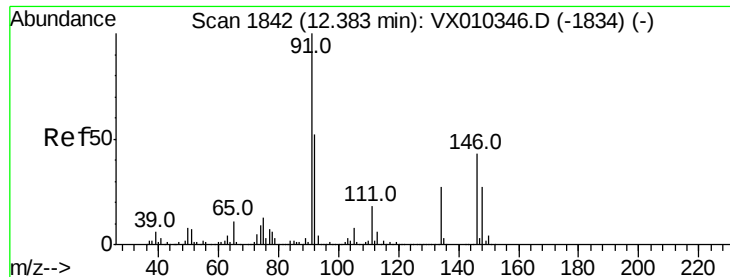
Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Tgt Ion:	146	Resp:	294451
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.1	54.3
148	64.2	32.1	96.3





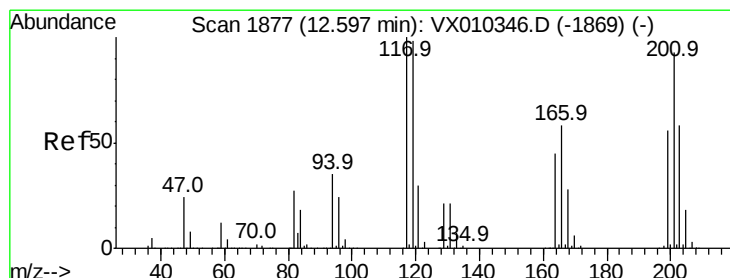
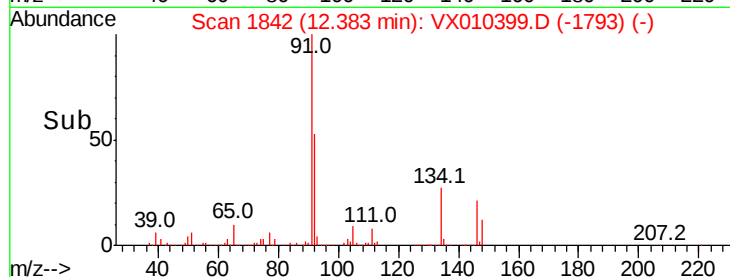
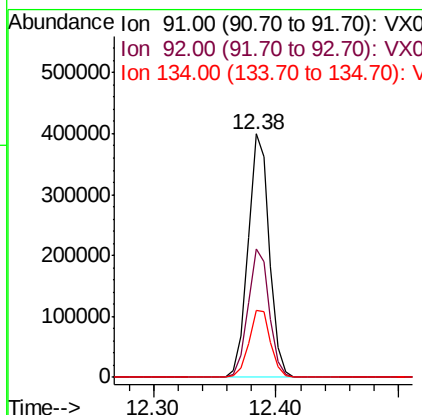
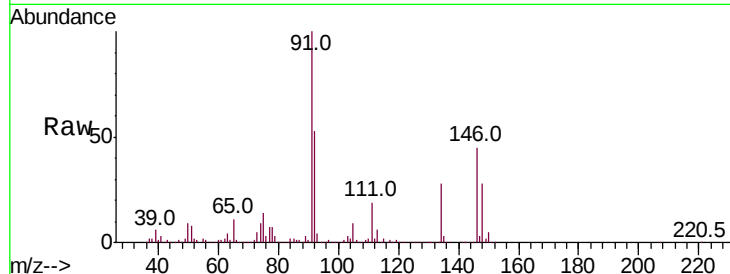
#89
n-Butylbenzene
Concen: 50.625 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.2	78.5
134	28.4	14.1	42.4

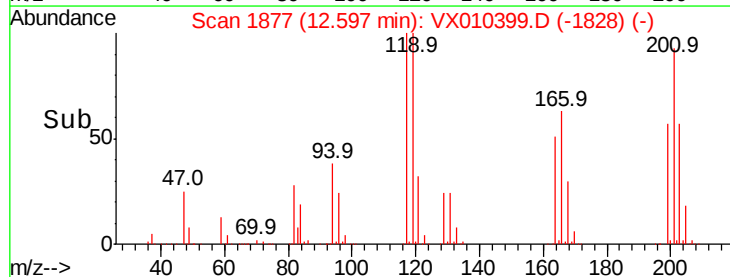
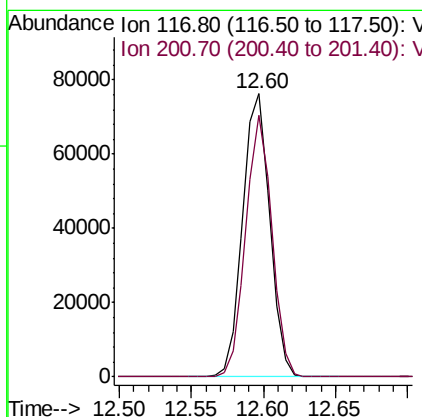
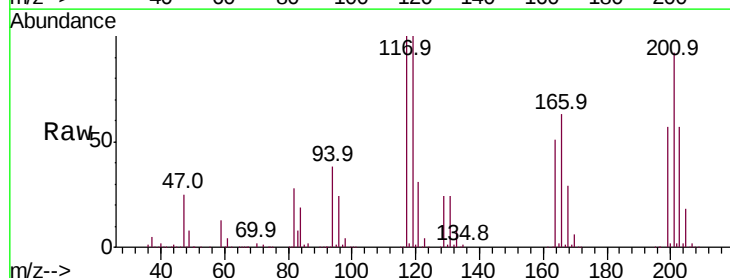
Manual Integrations
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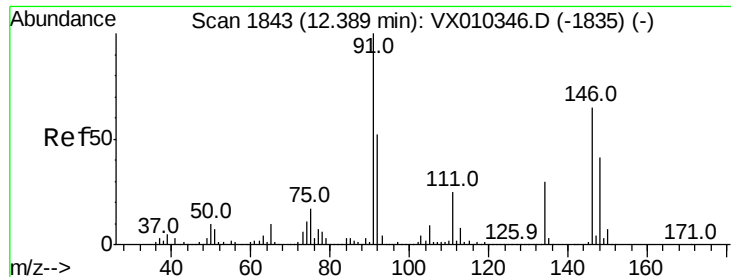
MMDadoda
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#90
Hexachloroethane
Concen: 51.555 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.6	44.0	131.8





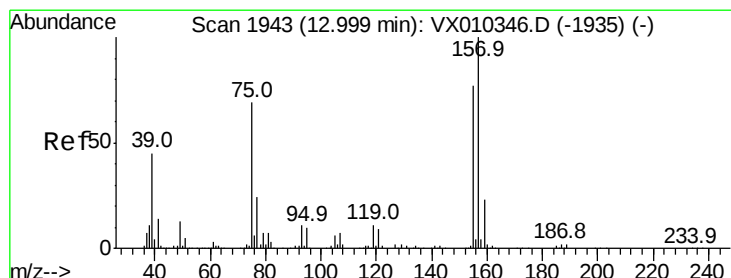
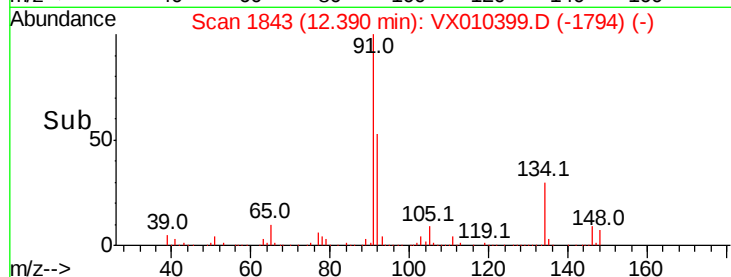
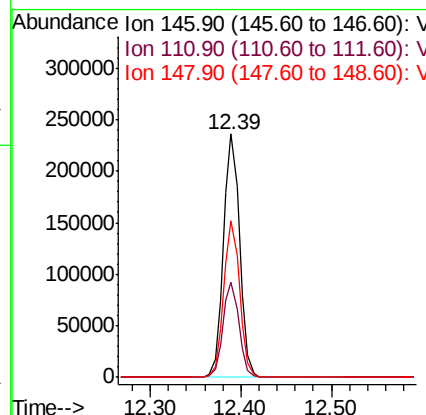
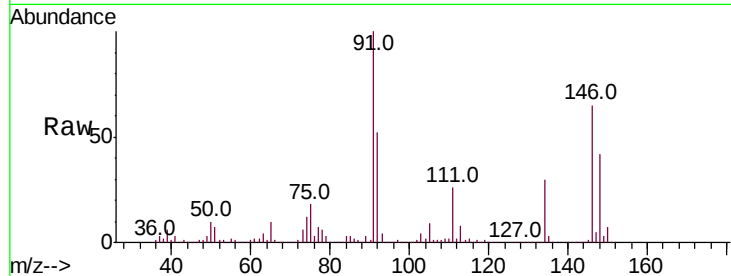
#91
 1,2-Dichlorobenzene
 Concen: 48.890 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.2	57.6
148	63.5	32.0	96.0

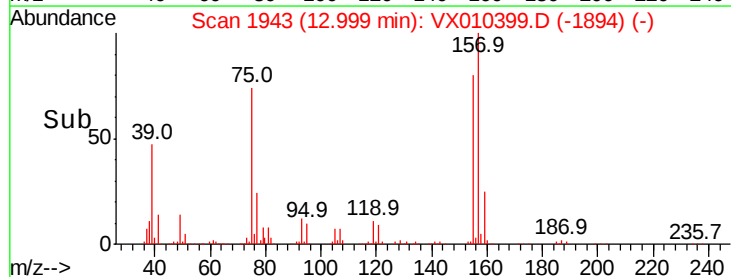
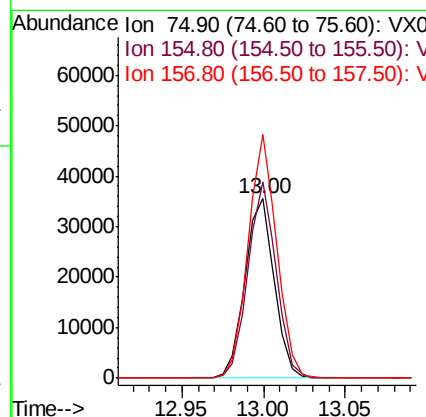
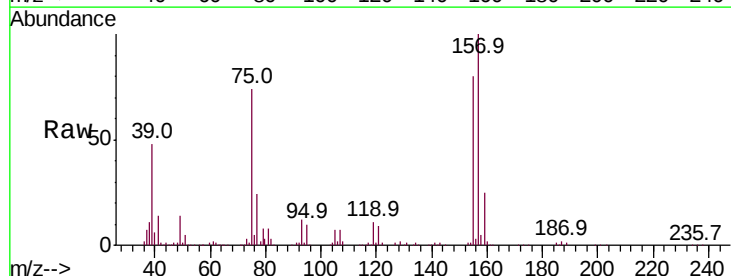
Manual Integrations
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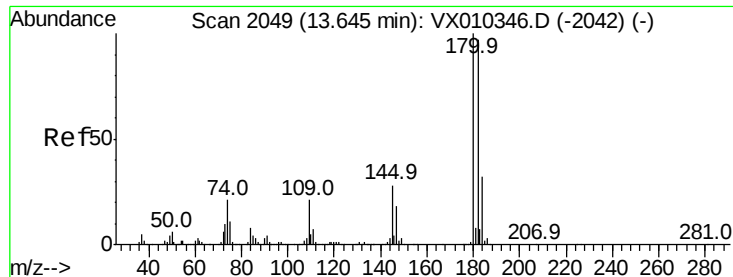
MMDadoda
 6/24/2019 11:21:39 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.267 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010399.D
 Acq: 21 Jun 2019 20:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.0	54.4	163.1
157	132.5	69.5	208.3





#93

1,2,4-Trichlorobenzene

Concen: 49.520 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Instrument :

MSVOA_X

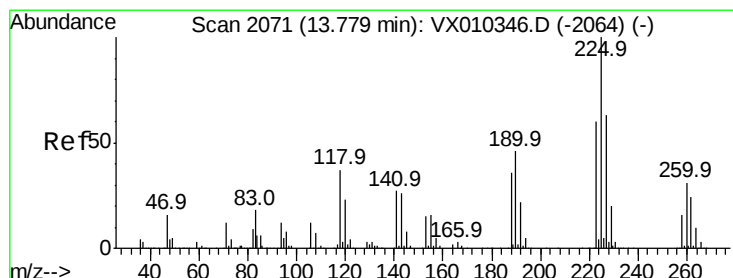
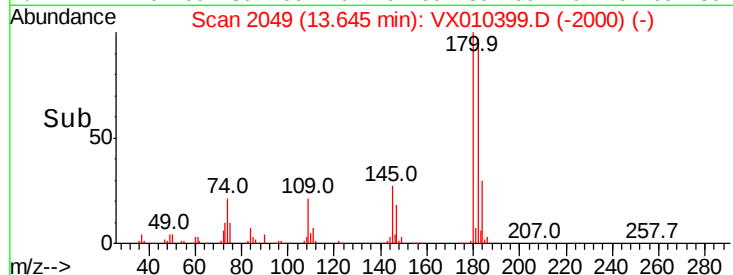
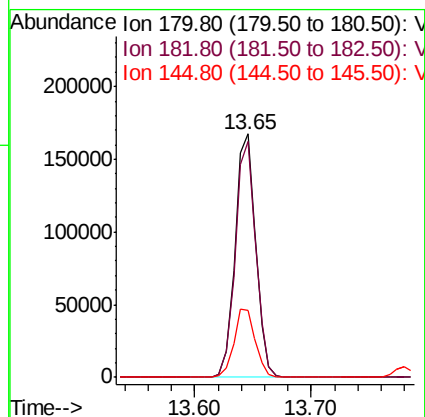
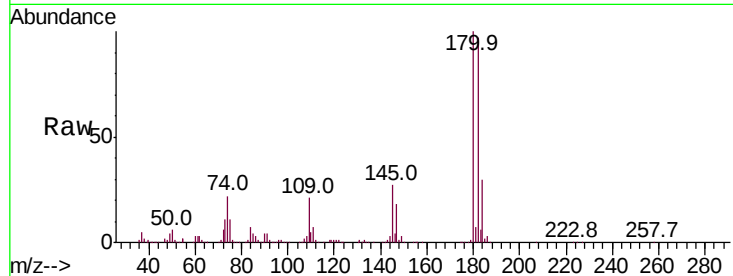
ClientSampleId :

VSTDCCC050EC

Tot Ion:	180	Resp:	206611
Ion Ratio	Lower	Upper	
180	100		
182	96.5	48.0	144.0
145	28.7	14.4	43.4

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 47.417 ug/l

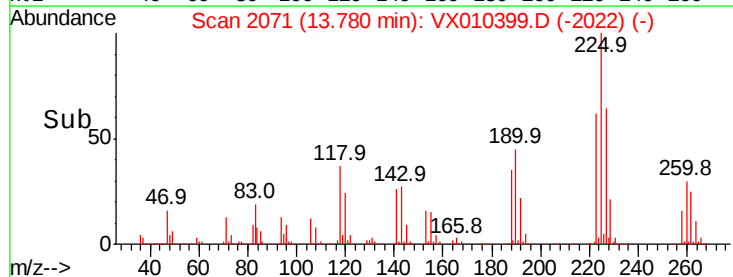
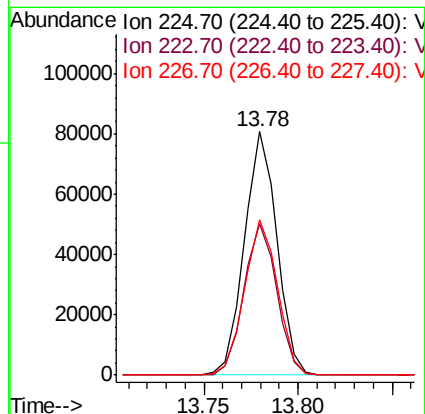
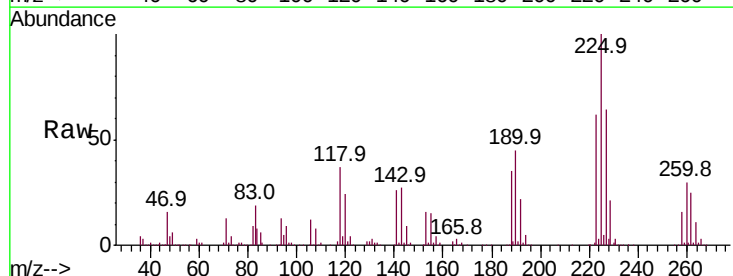
RT: 13.78 min Scan# 2071

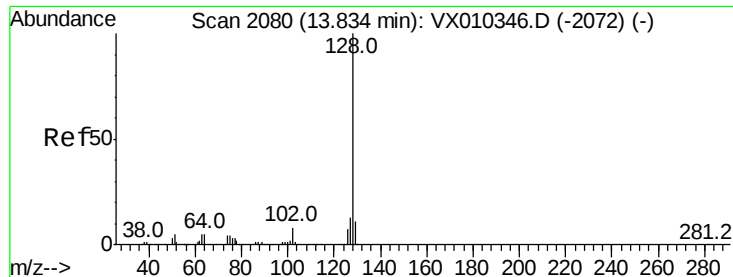
Delta R.T. 0.00 min

Lab File: VX010399.D

Acq: 21 Jun 2019 20:52

Tgt Ion:	225	Resp:	96689
Ion Ratio	Lower	Upper	
225	100		
223	62.9	30.9	92.7
227	64.6	31.9	95.5





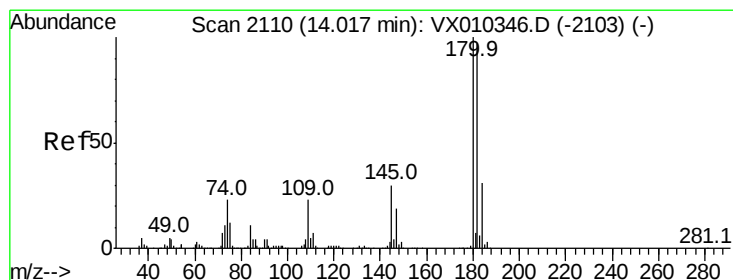
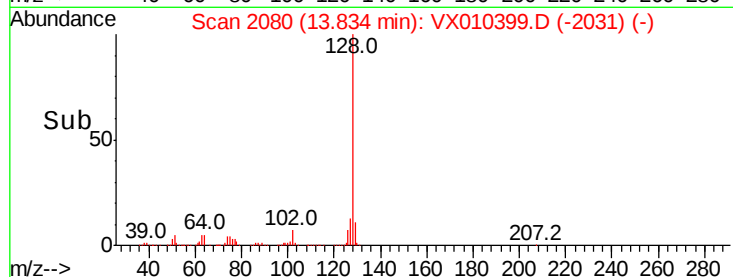
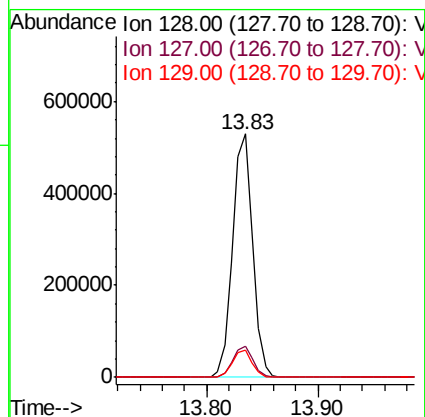
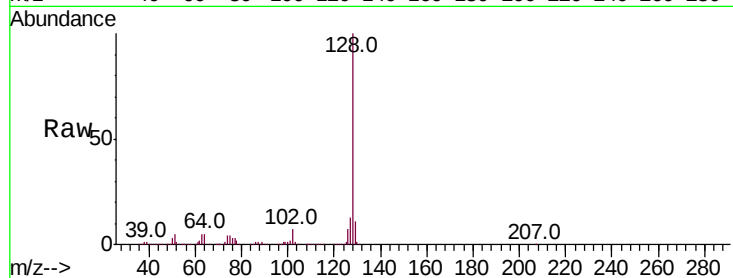
#95
Naphthalene
Concen: 51.295 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.9	13.3

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#96
1,2,3-Trichlorobenzene
Concen: 50.115 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010399.D
Acq: 21 Jun 2019 20:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.8	143.3
145	30.7	15.2	45.6

