

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061919\
 Data File : VX010346.D
 Acq On : 19 Jun 2019 13:28
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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 6/20/2019 1:23:28 PM

Quant Time: Jun 20 03:26:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:08:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	302329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	414214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212736	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	141356	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
35) Dibromofluoromethane	5.50	113	139519	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
50) Toluene-d8	8.71	98	534938	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.13	95	193598	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	101184	38.637	ug/l	100
3) Chloromethane	1.32	50	117586	43.604	ug/l	100
4) Vinyl Chloride	1.41	62	125867	48.678	ug/l	100
5) Bromomethane	1.64	94	60904	59.088	ug/l	100
6) Chloroethane	1.71	64	76201	57.486	ug/l	100
7) Trichlorofluoromethane	1.93	101	207301	52.904	ug/l	100
8) Diethyl Ether	2.19	74	74596	54.488	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	122971	46.505	ug/l	100
10) Methyl Iodide	2.51	142	190338	47.105	ug/l	100
11) Tert butyl alcohol	3.05	59	175778	243.904	ug/l	100
12) 1,1-Dichloroethene	2.37	96	127673	47.223	ug/l	100
13) Acrolein	2.29	56	115338	590.368	ug/l	100
14) Allyl chloride	2.73	41	185270	45.628	ug/l	100
15) Acrylonitrile	3.14	53	364149	246.215	ug/l	100
16) Acetone	2.45	43	369735	261.837	ug/l	100
17) Carbon Disulfide	2.57	76	341257	44.021	ug/l	100
18) Methyl Acetate	2.78	43	137795	45.424	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	403143	46.508	ug/l	100
20) Methylene Chloride	2.85	84	141393	46.541	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	136365	45.655	ug/l	100
22) Diisopropyl ether	3.85	45	378780	48.485	ug/l	100
23) Vinyl Acetate	3.82	43	1709495	245.232	ug/l	100
24) 1,1-Dichloroethane	3.70	63	220815	46.615	ug/l	100
25) 2-Butanone	4.67	43	529752	254.730	ug/l	100
26) 2,2-Dichloropropane	4.58	77	189673	44.357	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	159282	47.766	ug/l	100
28) Bromochloromethane	5.01	49	103715	48.554	ug/l	100
29) Tetrahydrofuran	5.13	42	320065	245.826	ug/l	100
30) Chloroform	5.21	83	234486	47.646	ug/l	100
31) Cyclohexane	5.58	56	200908	47.274	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	211159	45.719	ug/l	100
36) 1,1-Dichloropropene	5.80	75	173171	47.547	ug/l	100
37) Ethyl Acetate	4.84	43	187562	49.268	ug/l	100
38) Carbon Tetrachloride	5.79	117	193881	47.118	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:08:25 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	229218	46.380	ug/l	100
40) Benzene	6.14	78	552717	48.965	ug/l	100
41) Methacrylonitrile	5.04	41	100418	48.922	ug/l	100
42) 1,2-Dichloroethane	6.19	62	171532	47.782	ug/l	100
43) Isopropyl Acetate	6.45	43	304337	48.018	ug/l	100
44) Trichloroethene	7.21	130	164204	48.208	ug/l	100
45) 1,2-Dichloropropane	7.51	63	138125	48.891	ug/l	100
46) Dibromomethane	7.66	93	100021	47.217	ug/l	100
47) Bromodichloromethane	7.90	83	187320	47.630	ug/l	100
48) Methyl methacrylate	7.77	41	144465	48.906	ug/l	100
49) 1,4-Dioxane	7.74	88	81099	959.679	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	980127	257.527	ug/l	100
52) Toluene	8.79	92	364556	48.994	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	209856	46.396	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	229303	47.065	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	151515	49.775	ug/l	100
56) Ethyl methacrylate	9.18	69	233831	48.929	ug/l	100
57) 1,3-Dichloropropane	9.37	76	234544	48.967	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	562858	249.485	ug/l	100
59) 2-Hexanone	9.49	43	781593	257.237	ug/l	100
60) Dibromochloromethane	9.58	129	172311	48.163	ug/l	100
61) 1,2-Dibromoethane	9.67	107	163572	48.375	ug/l	100
64) Tetrachloroethene	9.34	164	160246	51.192	ug/l	100
65) Chlorobenzene	10.13	112	412469	48.251	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	155440	47.452	ug/l	100
67) Ethyl Benzene	10.25	91	704553	48.399	ug/l	100
68) m/p-Xylenes	10.36	106	548728	97.313	ug/l	100
69) o-Xylene	10.69	106	266589	47.652	ug/l	100
70) Styrene	10.71	104	459162	48.532	ug/l	100
71) Bromoform	10.85	173	140942	46.975	ug/l	100
73) Isopropylbenzene	11.02	105	703157	47.525	ug/l	100
74) N-amyl acetate	10.90	43	280047	47.899	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	235274	46.538	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	192817m	45.722	ug/l	
77) Bromobenzene	11.26	156	195207	47.865	ug/l	100
78) n-propylbenzene	11.36	91	791746	48.050	ug/l	100
79) 2-Chlorotoluene	11.42	91	463158	46.922	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	594556	47.630	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	84300	44.753	ug/l	100
82) 4-Chlorotoluene	11.51	91	536918	47.869	ug/l	100
83) tert-Butylbenzene	11.77	119	590218	46.853	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	603582	47.858	ug/l	100
85) sec-Butylbenzene	11.94	105	699079	47.540	ug/l	100
86) p-Isopropyltoluene	12.06	119	648962	48.208	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	340807	47.534	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	343091	47.304	ug/l	100
89) n-Butylbenzene	12.38	91	559060	48.291	ug/l	100
90) Hexachloroethane	12.60	117	116627	44.121	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	338276	48.338	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49346	42.022	ug/l	100

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ALS Vial : 5 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDICCC050

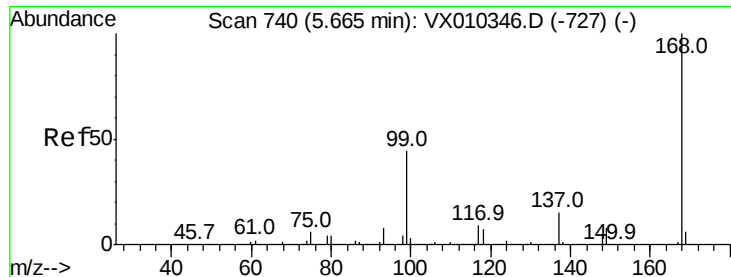
Manual Integrations
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Quant Time: Jun 20 03:26:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:08:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	239826	46.866	ug/l	100
94) Hexachlorobutadiene	13.78	225	117059	50.665	ug/l	100
95) Naphthalene	13.83	128	754055	47.001	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	240561	47.455	ug/l	100

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



#1

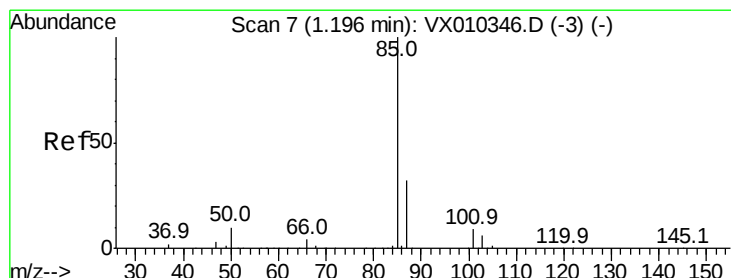
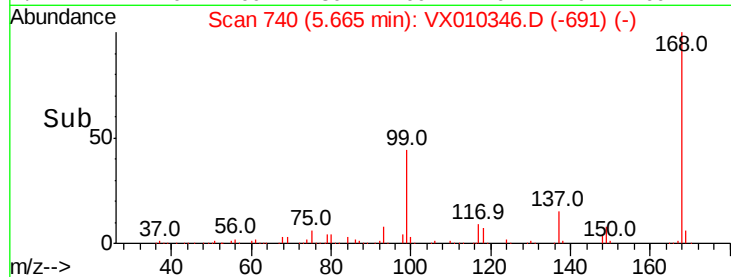
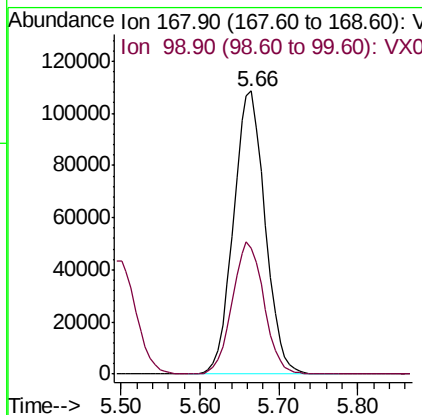
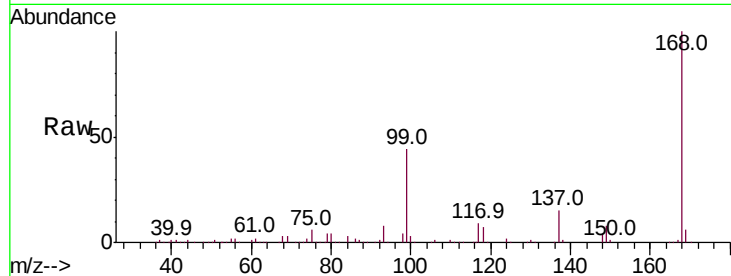
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
168	100	302329		
99	44.4	35.5	53.3	

Manual Integrations
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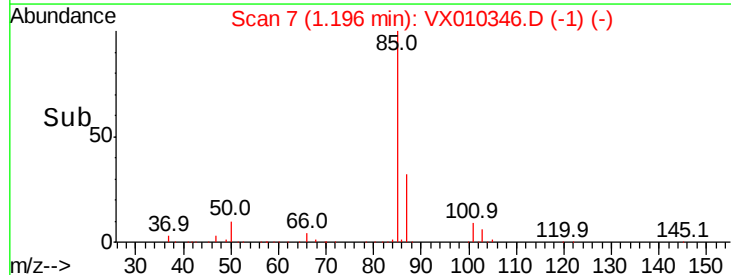
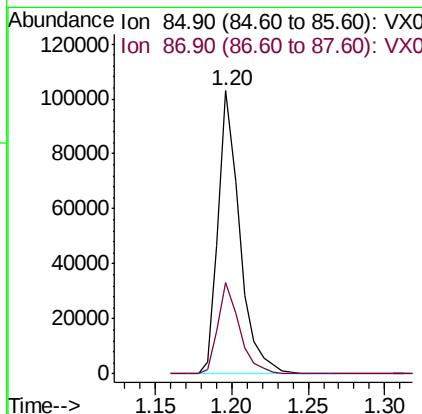
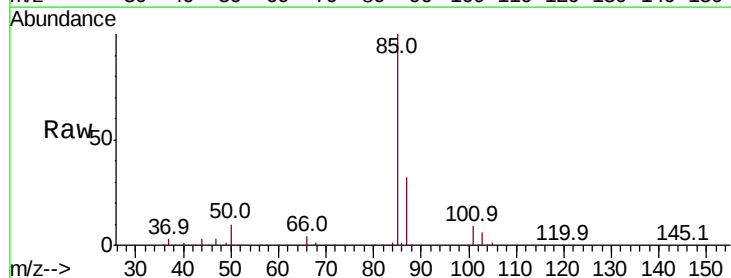
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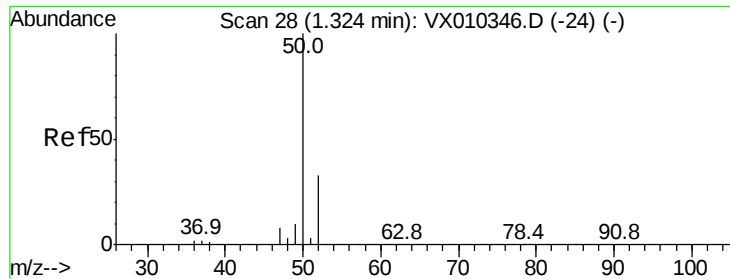


#2

Dichlorodifluoromethane
 Concen: 38.637 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	101184		
87	32.5	16.3	48.8	





#3

Chloromethane

Concen: 43.604 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 117586

Ion Ratio Lower Upper

50 100

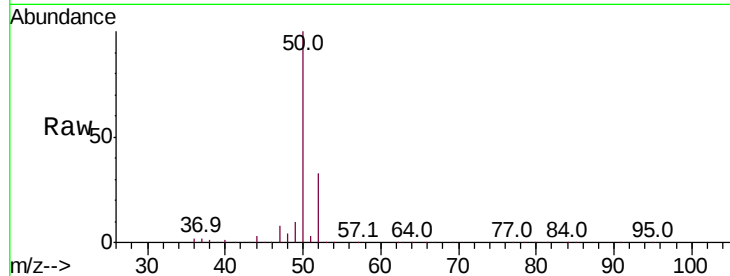
52 33.1 26.5 39.7

Manual Integrations

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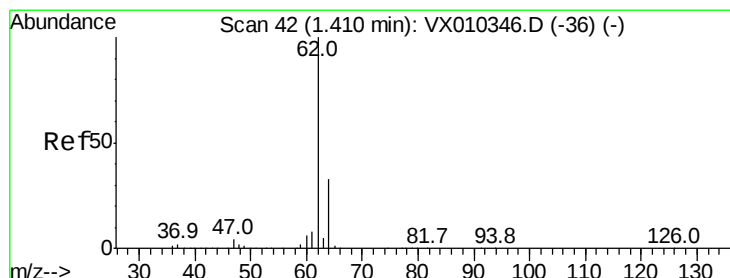
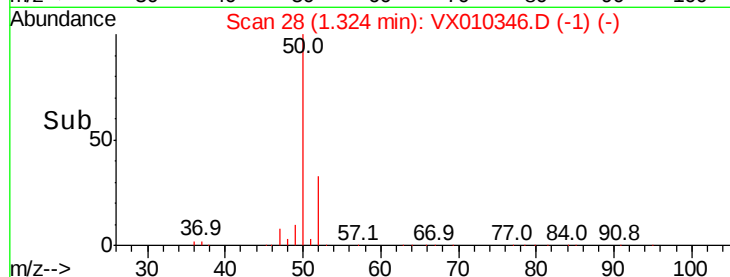
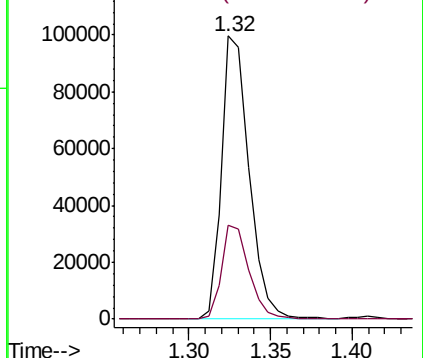
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.678 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010346.D

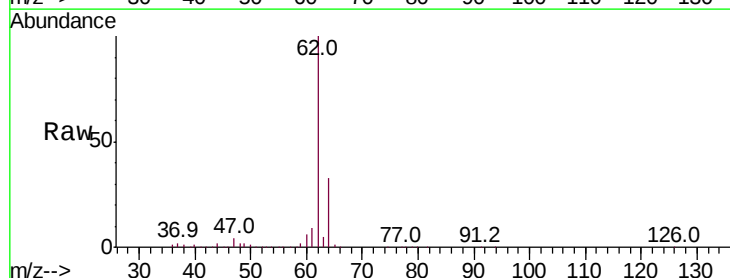
Acq: 19 Jun 2019 13:28

Tgt Ion: 62 Resp: 125867

Ion Ratio Lower Upper

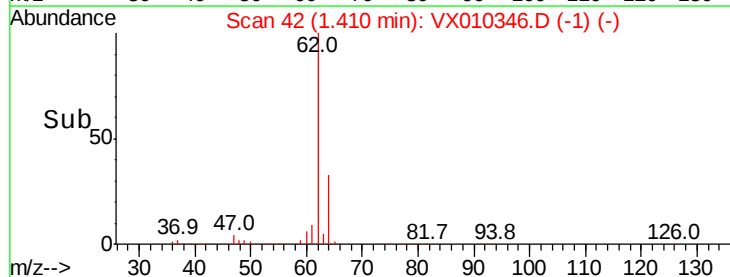
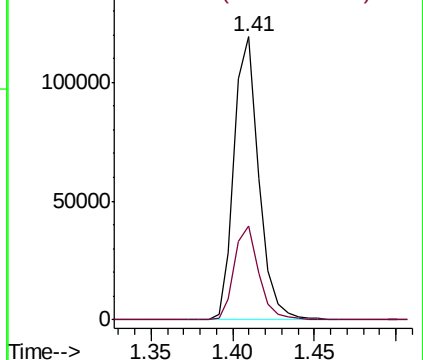
62 100

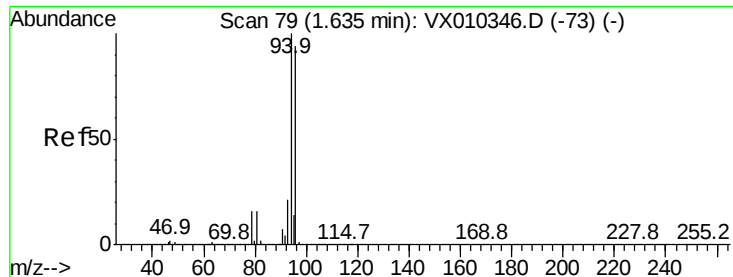
64 32.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 59.088 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 60904

Ion Ratio Lower Upper

94 100

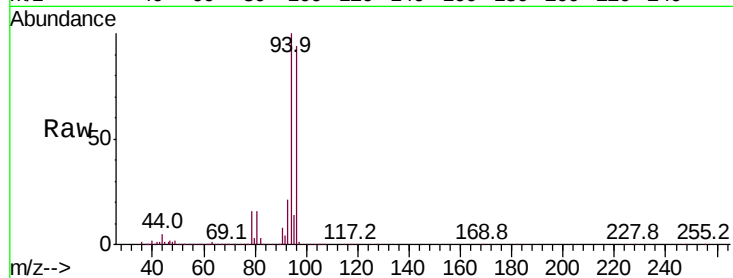
96 94.4 75.5 113.3

Manual Integrations

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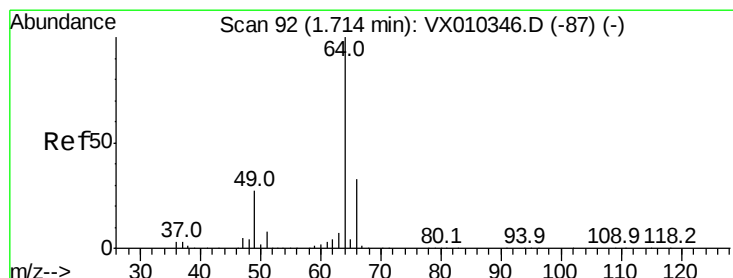
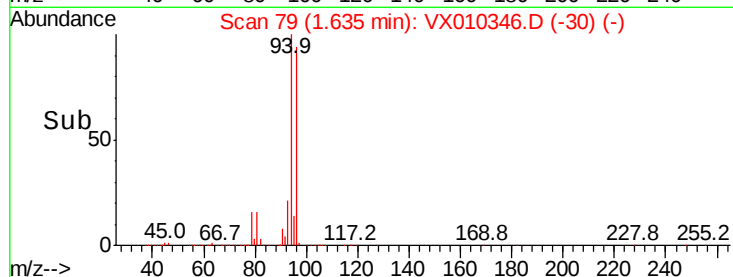
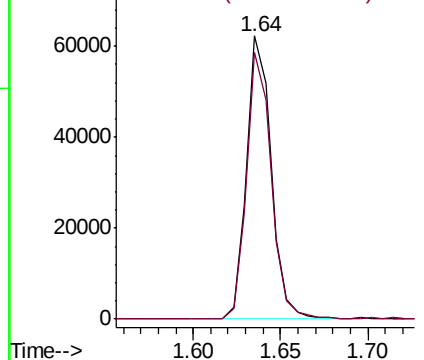
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 57.486 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010346.D

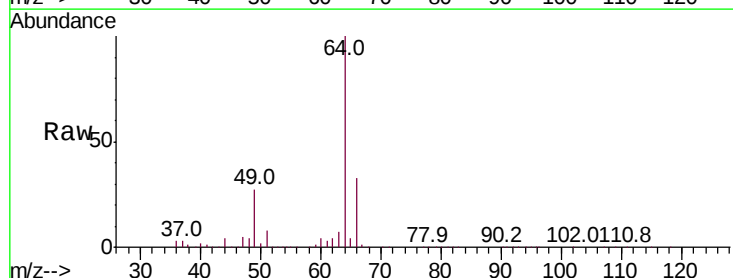
Acq: 19 Jun 2019 13:28

Tgt Ion: 64 Resp: 76201

Ion Ratio Lower Upper

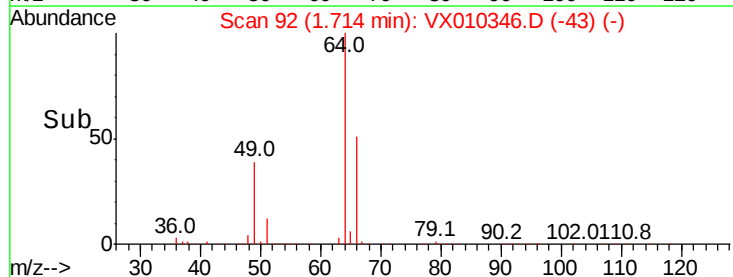
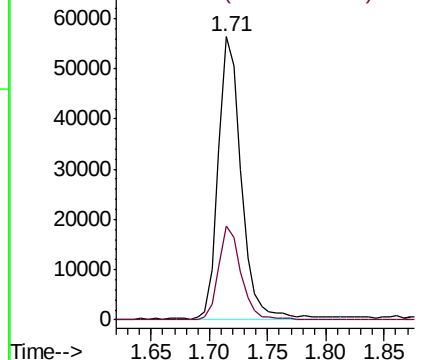
64 100

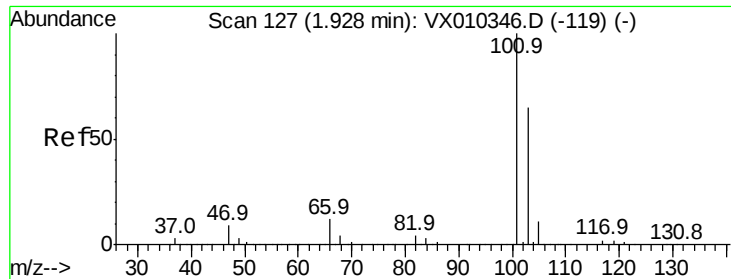
66 33.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

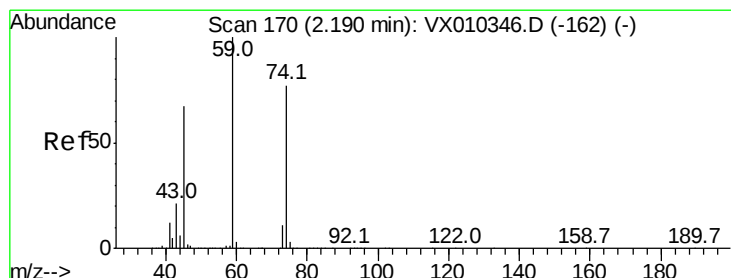
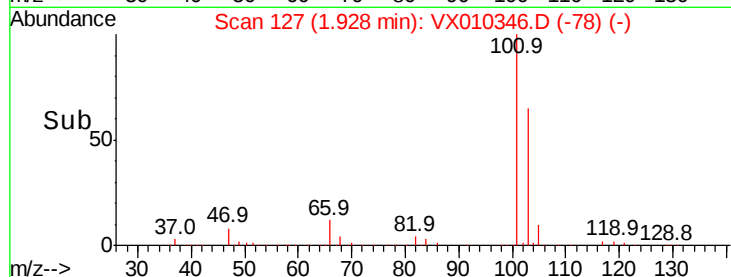
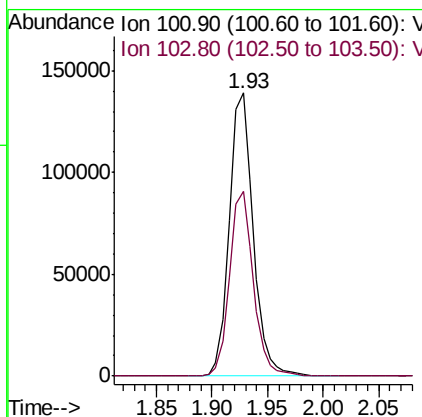
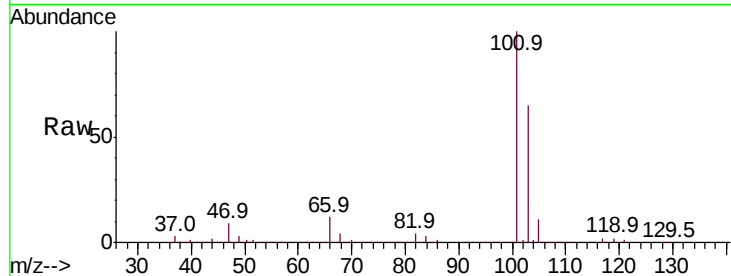
Trichlorofluoromethane
Concen: 52.904 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.3	78.5

Manual Integrations
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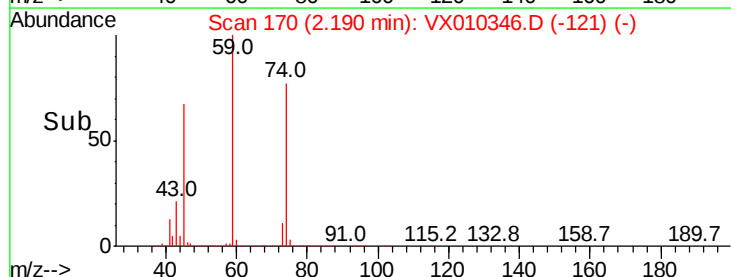
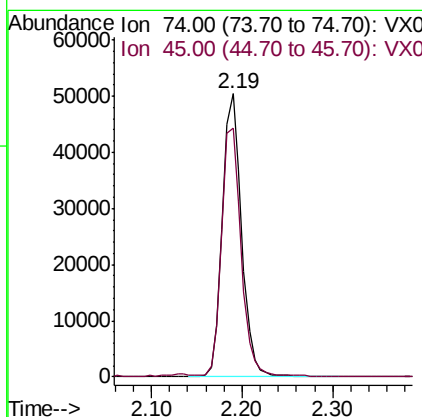
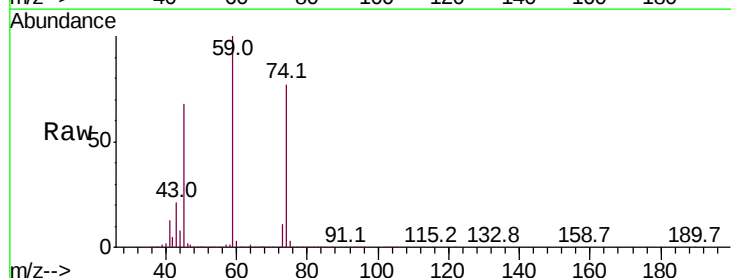
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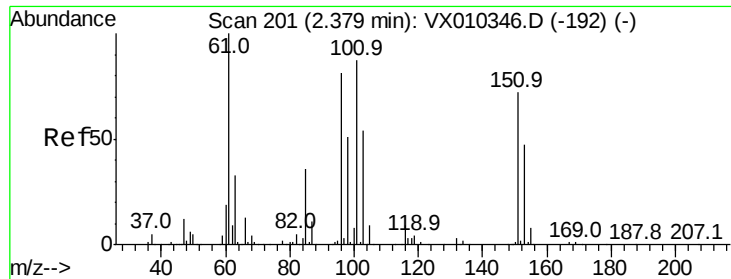


#8

Diethyl Ether
Concen: 54.488 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.6	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.505 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

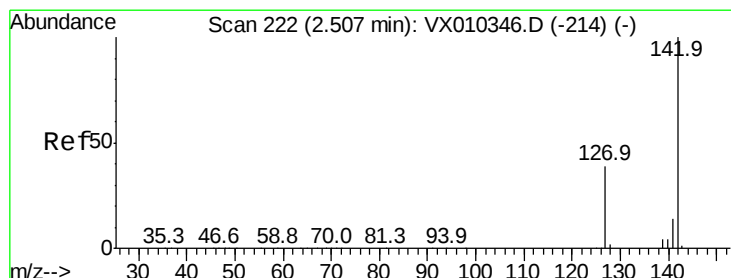
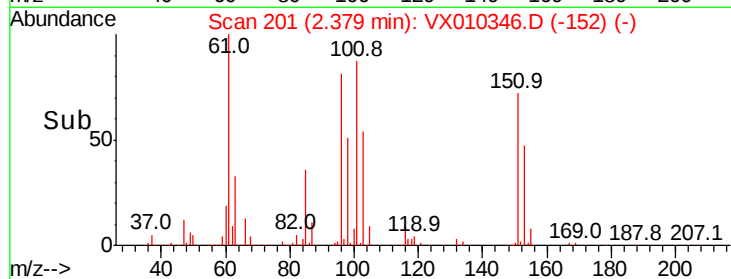
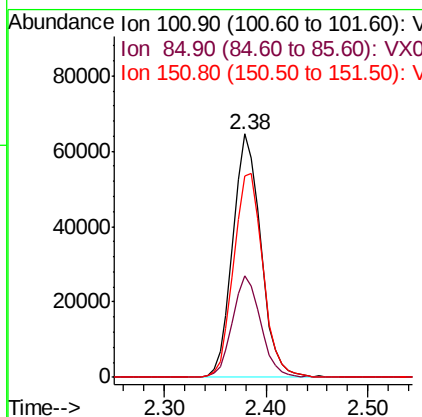
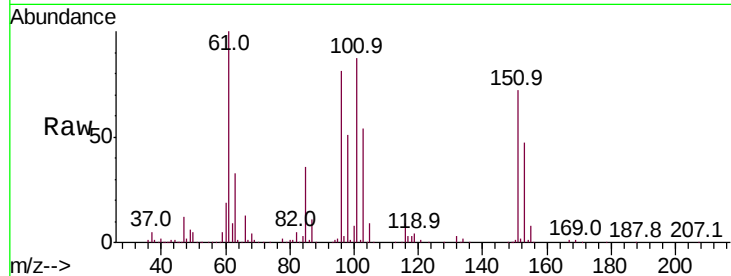
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	122971
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.7	50.5
151	87.6	70.1	105.1

Manual Integrations
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#10

Methyl Iodide

Concen: 47.105 ug/l

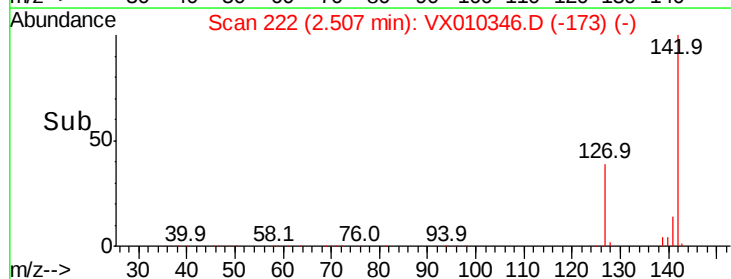
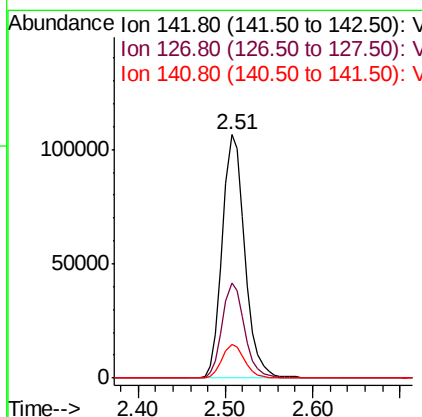
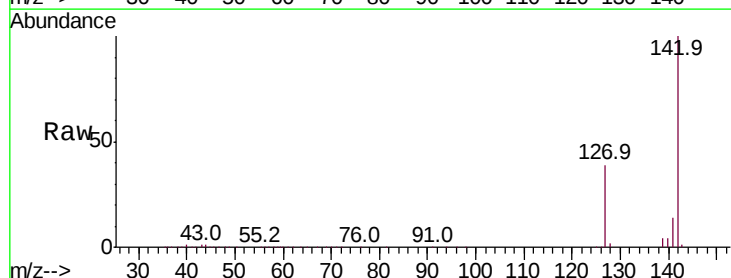
RT: 2.51 min Scan# 222

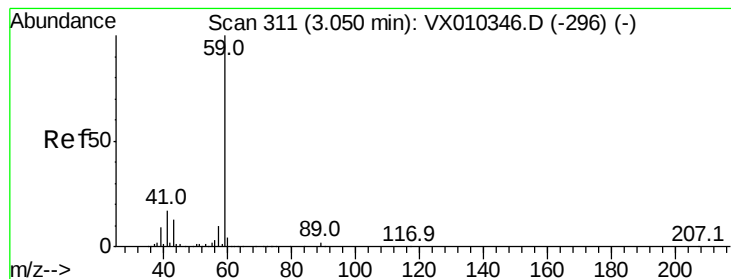
Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Tgt Ion:	142	Resp:	190338
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.1	46.7
141	14.0	11.2	16.8





#11

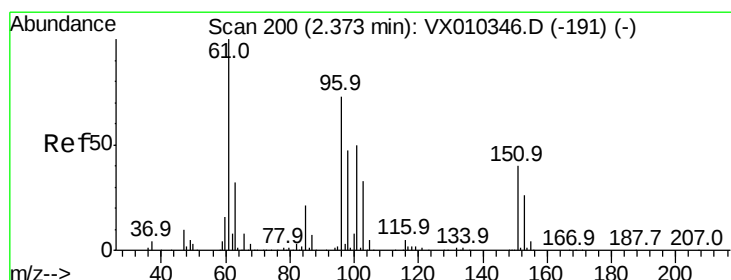
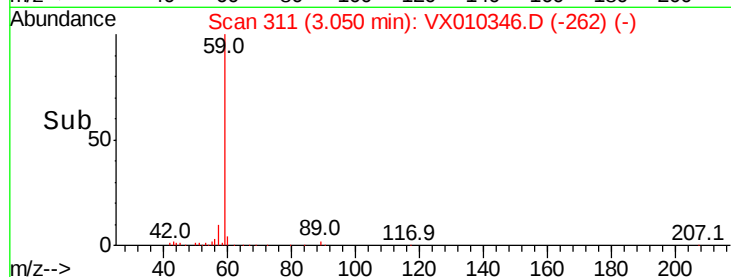
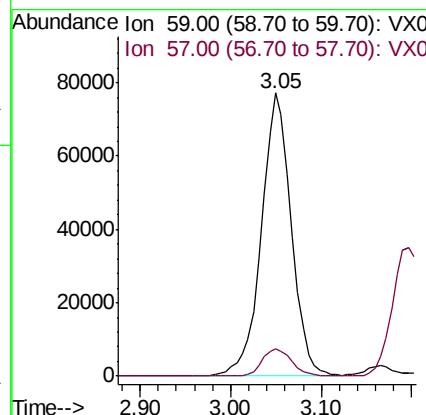
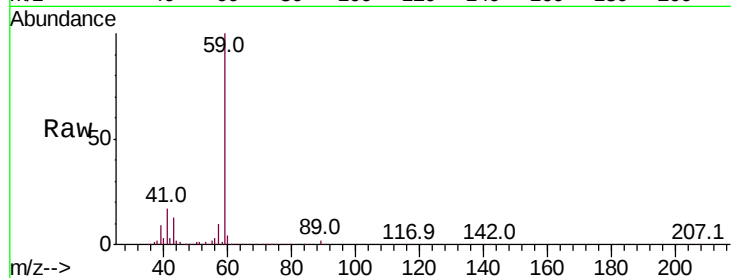
Tert butyl alcohol
Concen: 243.904 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.7	11.5

Manual Integrations
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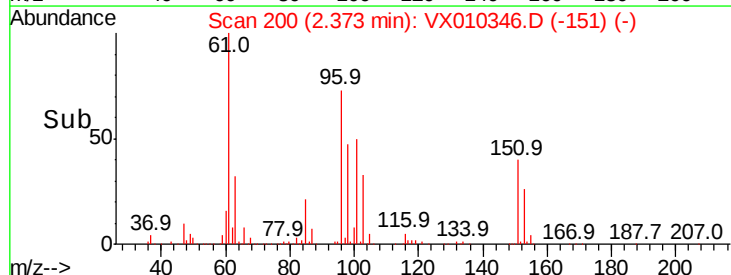
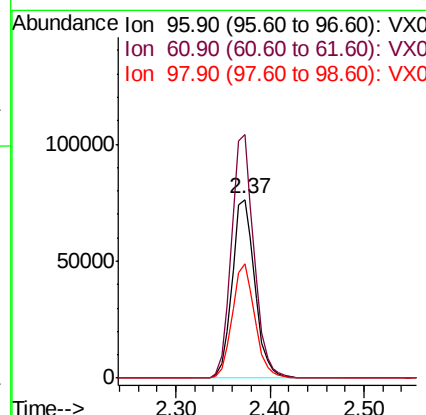
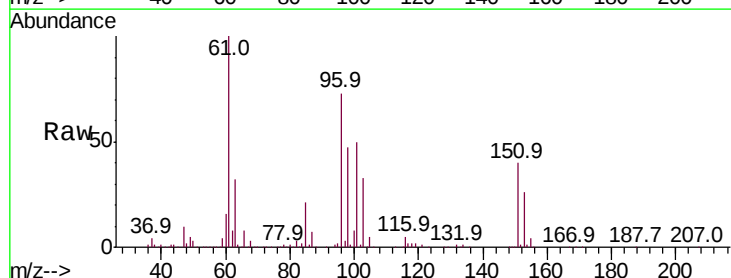
MMDadoda
6/20/2019 1:23:28 PM

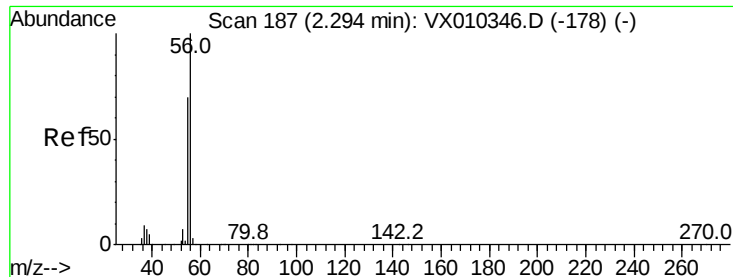


#12

1,1-Dichloroethene
Concen: 47.223 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.5	109.2	163.8
98	63.9	51.1	76.7





#13

Acrolein

Concen: 590.368 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 115338

Ion Ratio Lower Upper

56 100

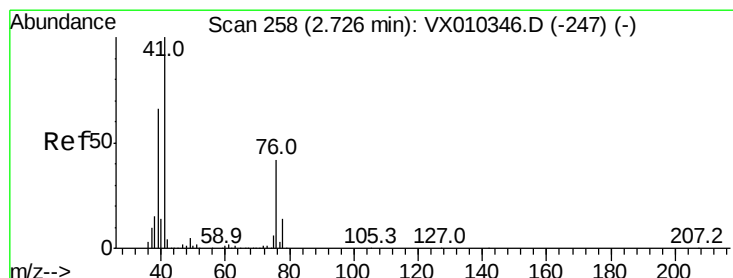
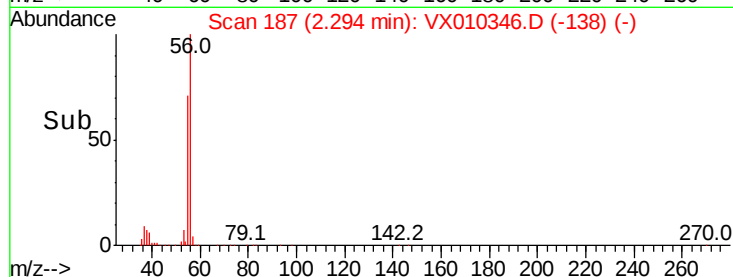
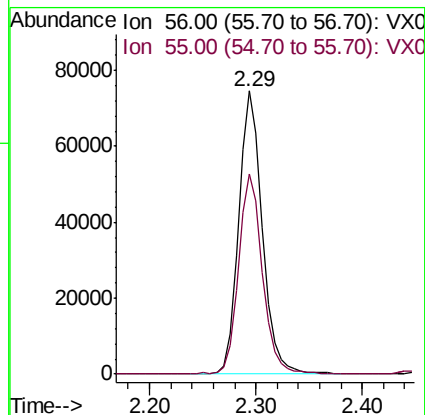
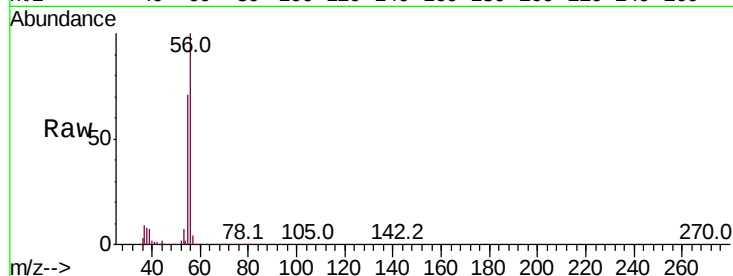
55 71.1 56.9 85.3

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 45.628 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

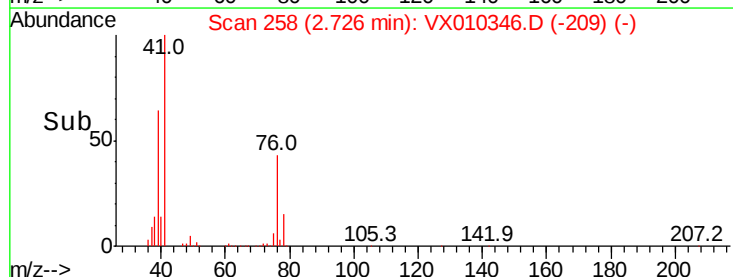
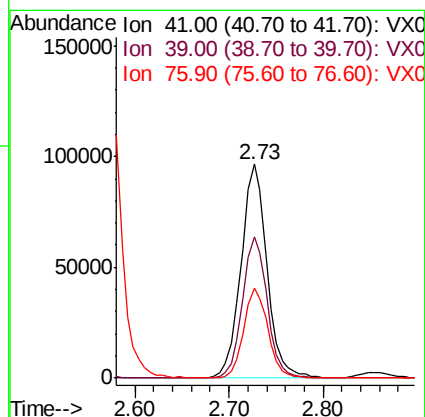
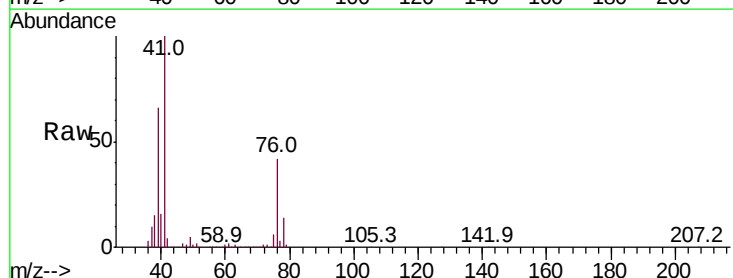
Tgt Ion: 41 Resp: 185270

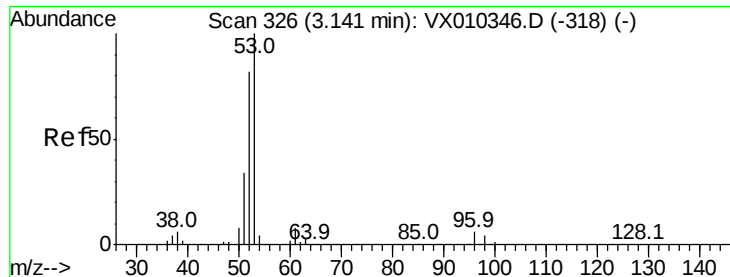
Ion Ratio Lower Upper

41 100

39 62.9 50.3 75.5

76 39.1 31.3 46.9





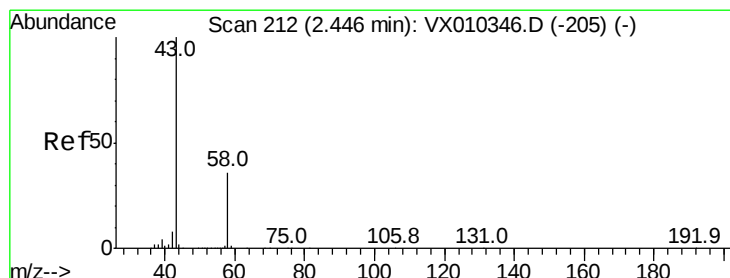
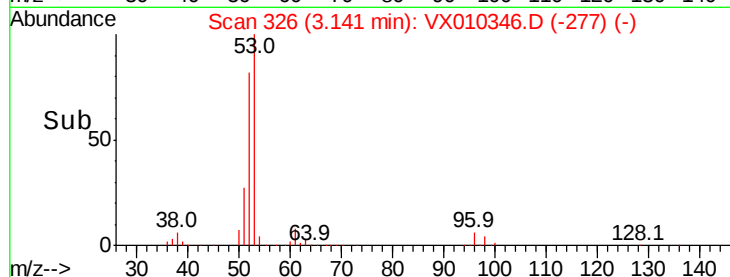
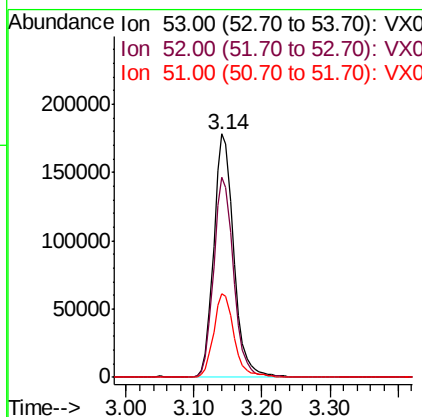
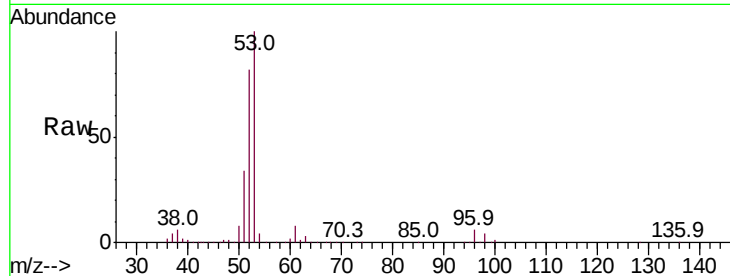
#15
 Acrylonitrile
 Concen: 246.215 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.5	98.3
51	35.3	28.2	42.4

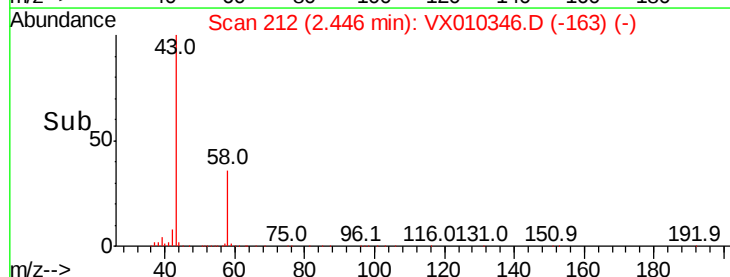
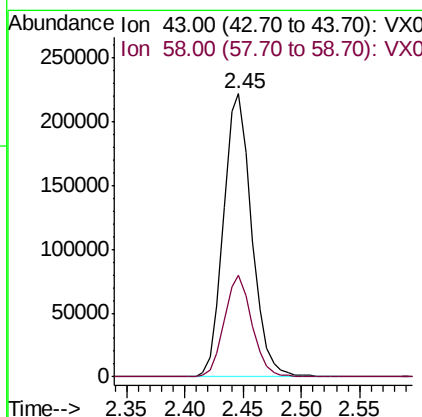
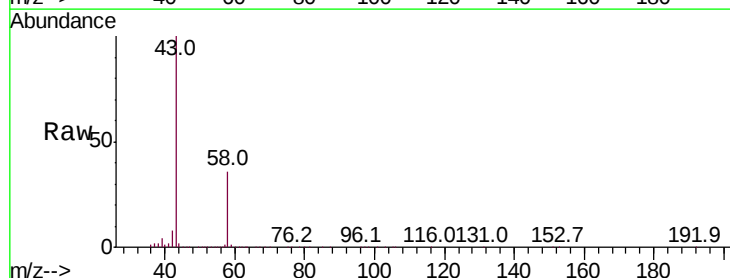
Manual Integrations
 APPROVED

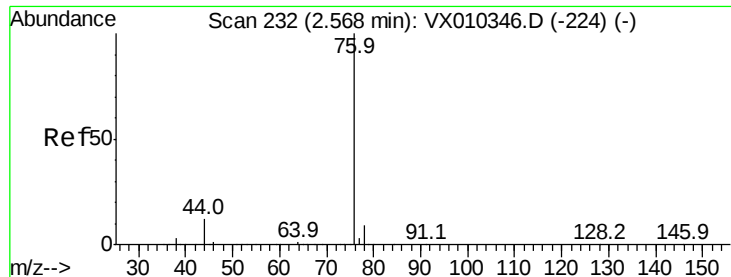
MMDadoda
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#16
 Acetone
 Concen: 261.837 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.1	28.9	43.3





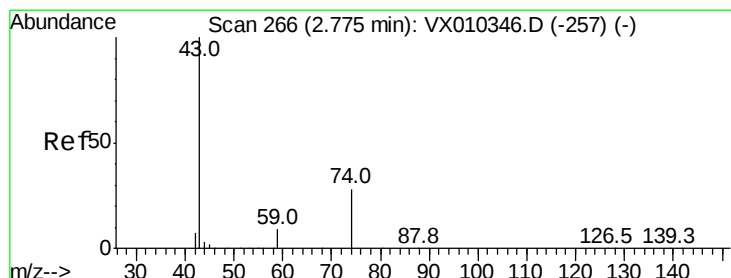
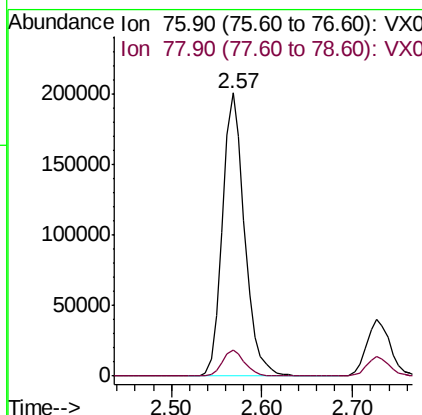
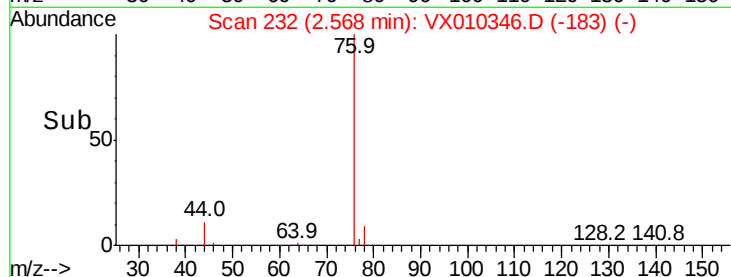
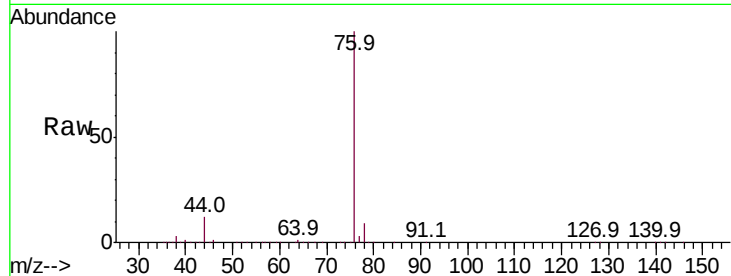
#17
Carbon Disulfide
Concen: 44.021 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

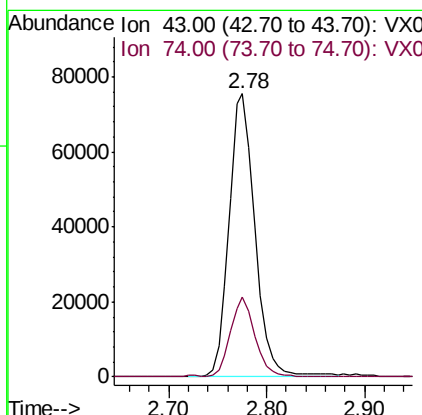
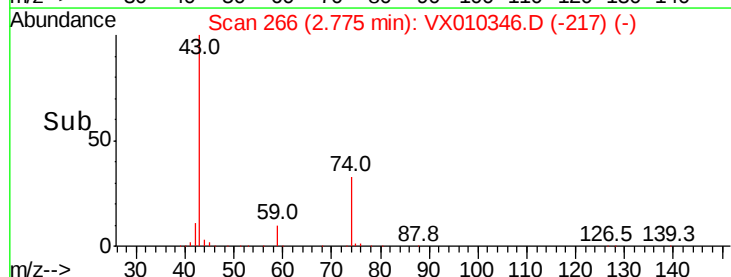
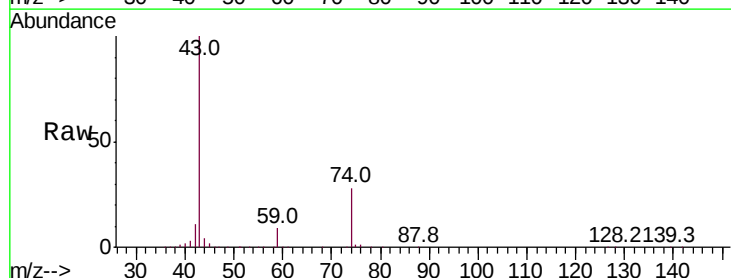
Manual Integrations
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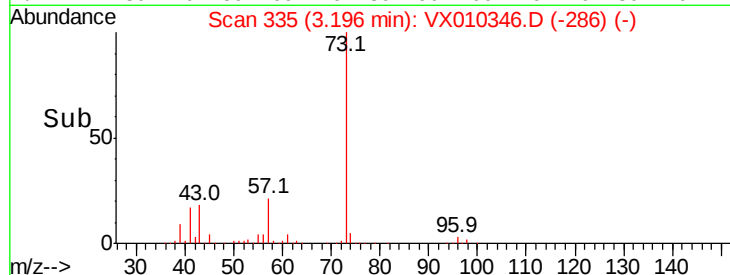
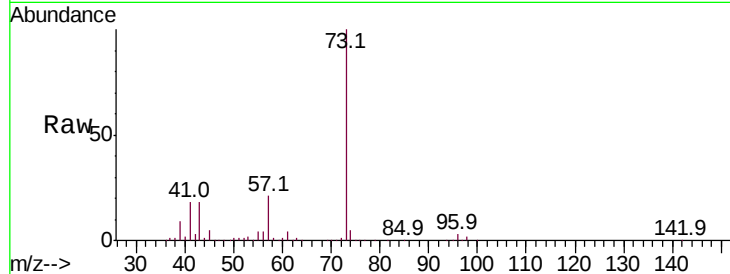
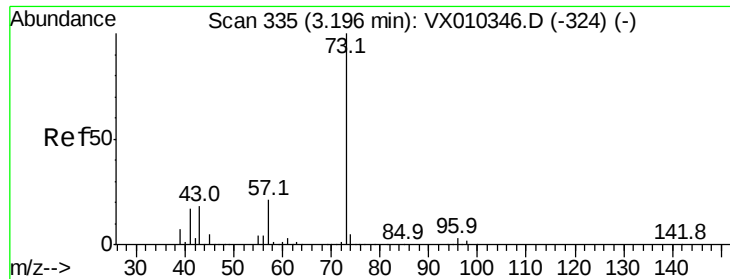
MMDadoda
6/20/2019 1:23:28 PM



#18
Methyl Acetate
Concen: 45.424 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.6	21.3	31.9





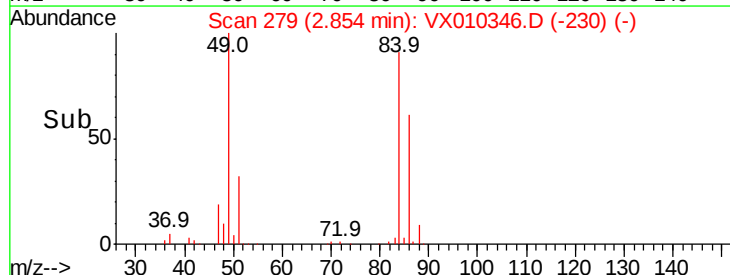
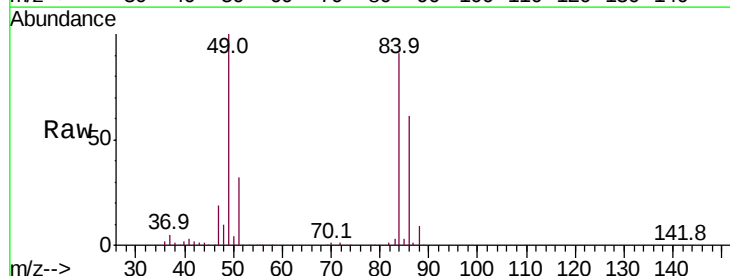
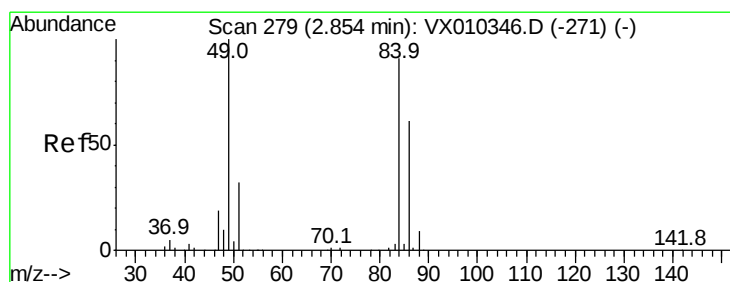
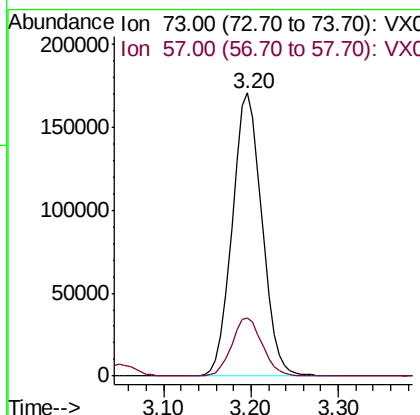
#19
Methyl tert-butyl Ether
Concen: 46.508 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tot Ion: 73 Resp: 403143
Ion Ratio Lower Upper
73 100
57 20.5 16.4 24.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

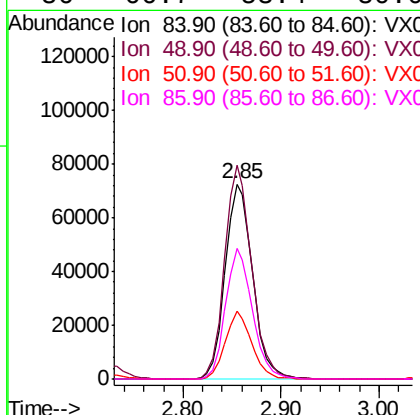
Manual Integrations
APPROVED

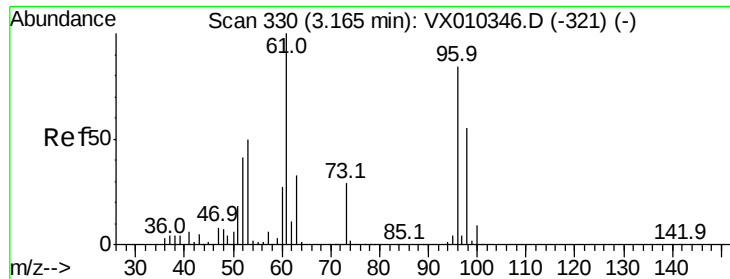
MMDadoda
6/20/2019 1:23:28 PM



#20
Methylene Chloride
Concen: 46.541 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion: 84 Resp: 141393
Ion Ratio Lower Upper
84 100
49 109.4 87.5 131.3
51 34.6 27.7 41.5
86 66.7 53.4 80.0





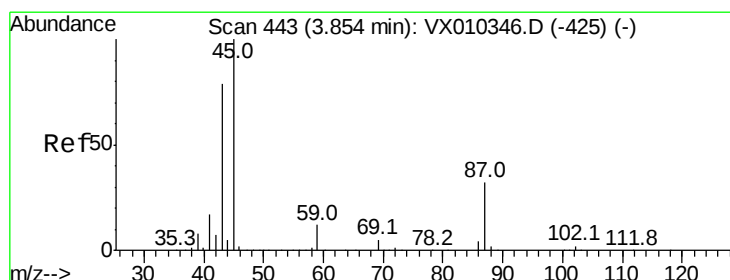
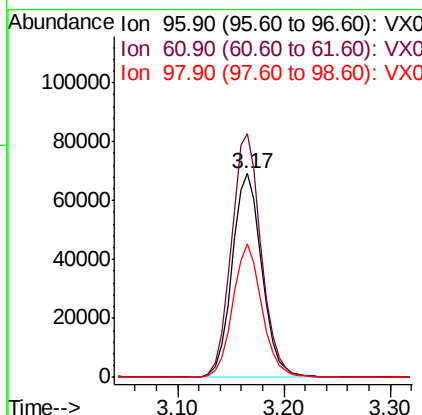
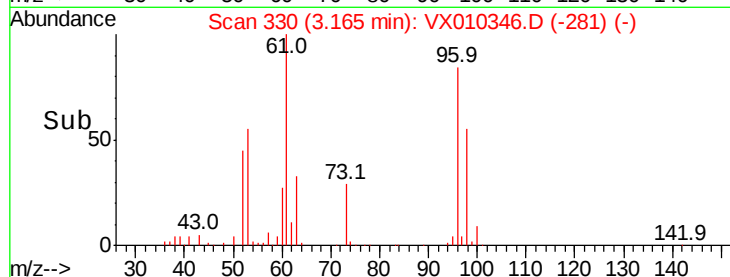
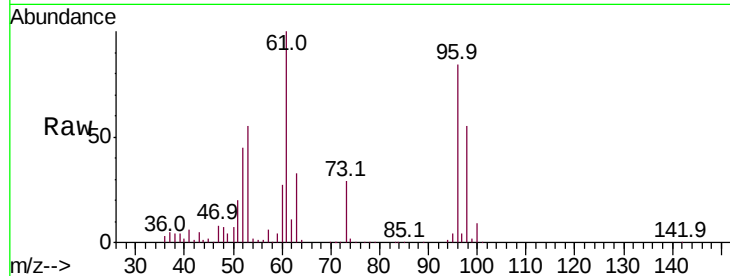
#21
trans-1,2-Dichloroethene
Concen: 45.655 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	119.5	95.6	143.4
98	65.6	52.5	78.7

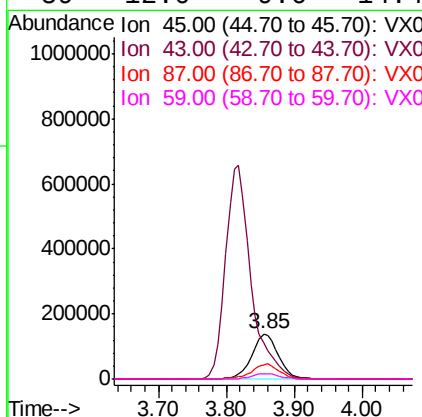
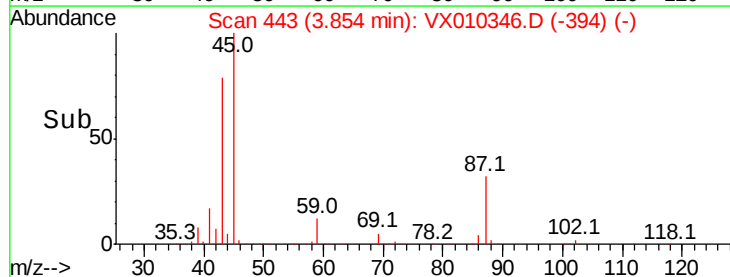
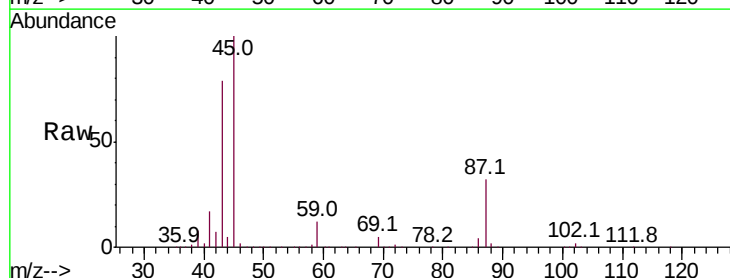
Manual Integrations
APPROVED

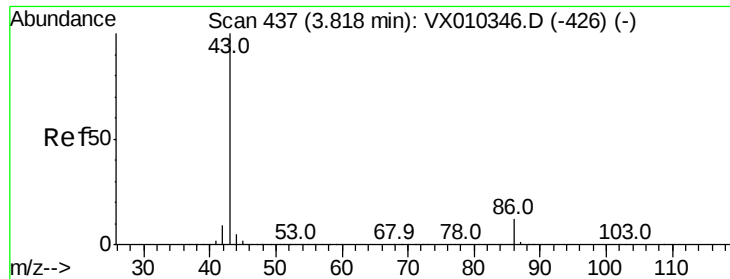
MMDadoda
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#22
Diisopropyl ether
Concen: 48.485 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
45	100		
43	79.1	63.3	94.9
87	32.3	25.8	38.8
59	12.0	9.6	14.4





#23

Vinyl Acetate

Concen: 245.232 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1709495

Ion Ratio Lower Upper

43 100

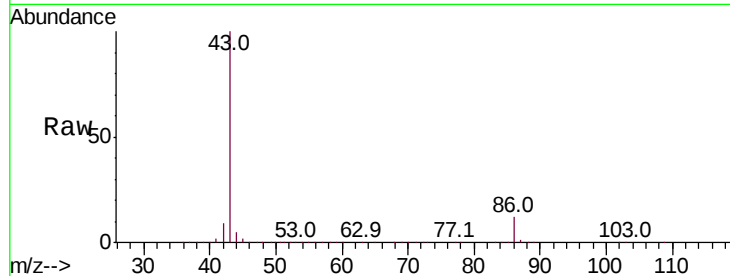
86 12.4 9.9 14.9

Manual Integrations

APPROVED

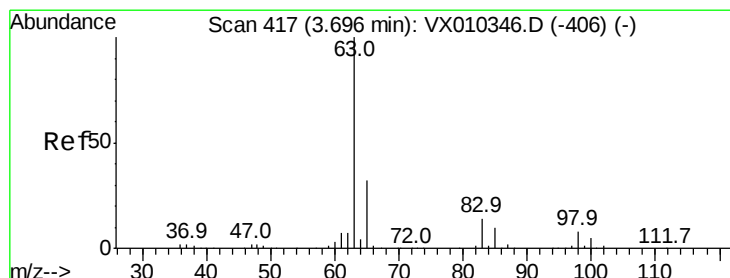
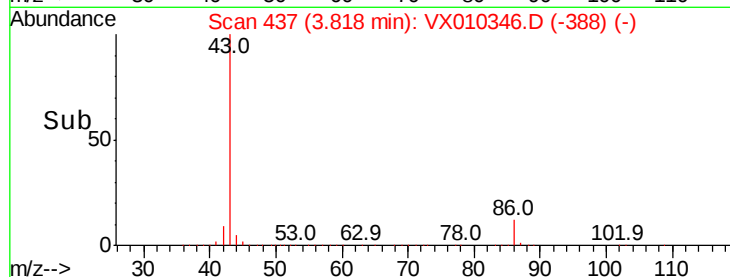
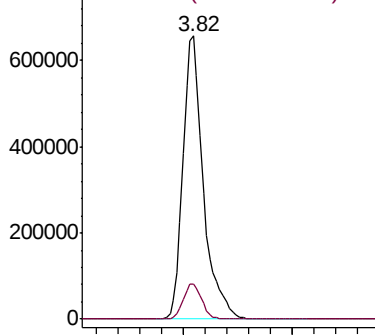
MMDadoda

6/20/2019 1:23:28 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.615 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

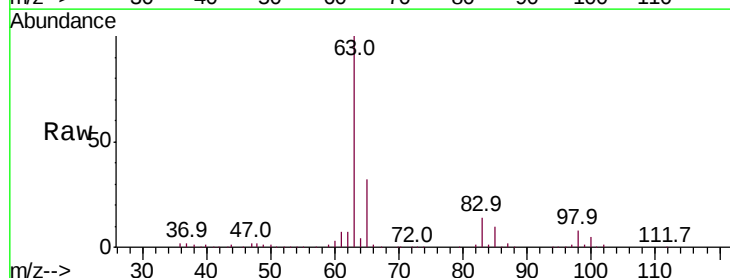
Tgt Ion: 63 Resp: 220815

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

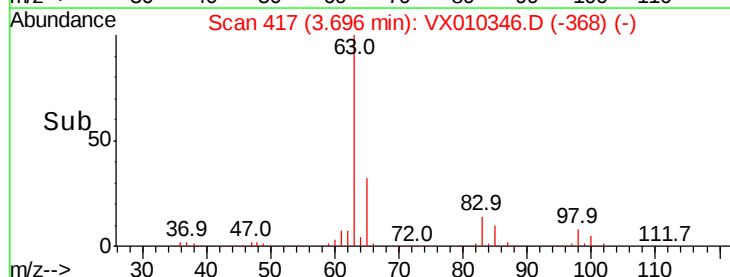
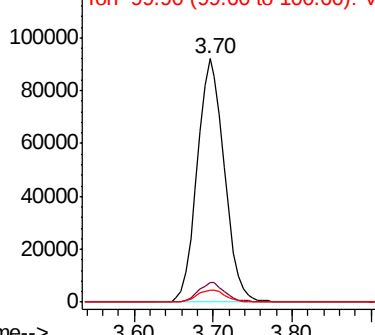
100 4.7 2.4 7.1

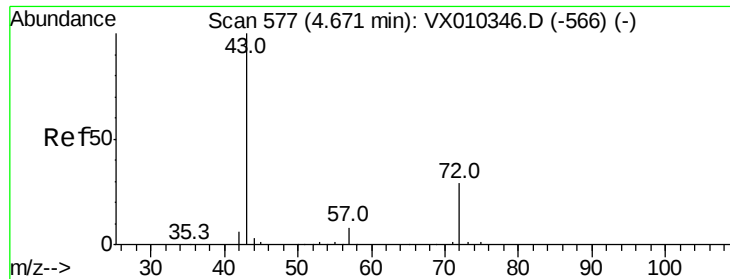


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 254.730 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 529752

Ion Ratio Lower Upper

43 100

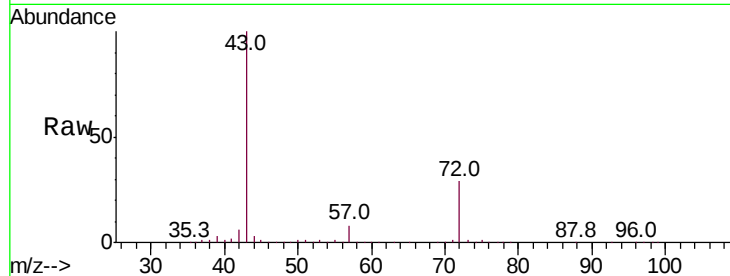
72 29.1 23.3 34.9

Manual Integrations

APPROVED

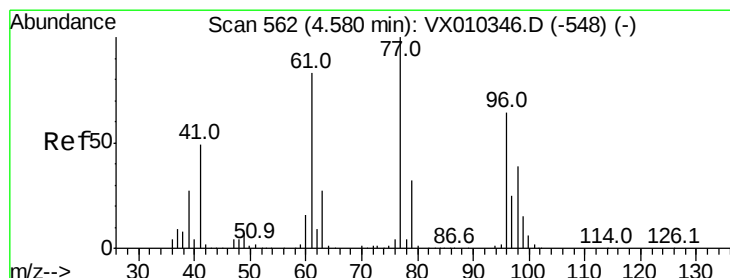
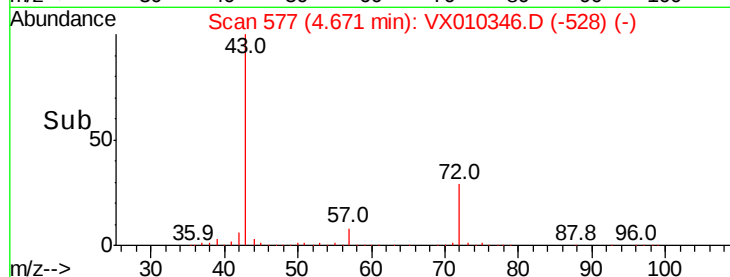
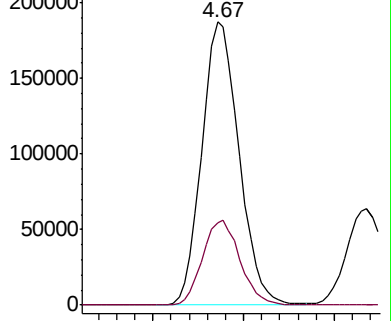
MMDadoda

6/20/2019 1:23:28 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 44.357 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010346.D

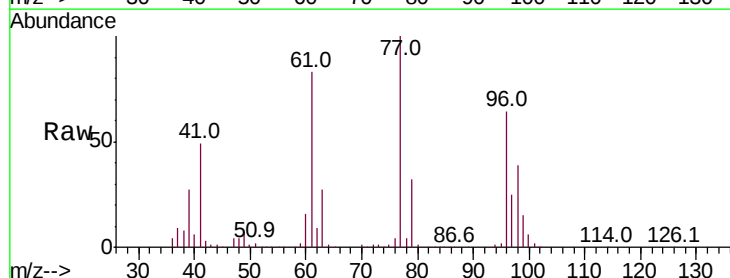
Acq: 19 Jun 2019 13:28

Tgt Ion: 77 Resp: 189673

Ion Ratio Lower Upper

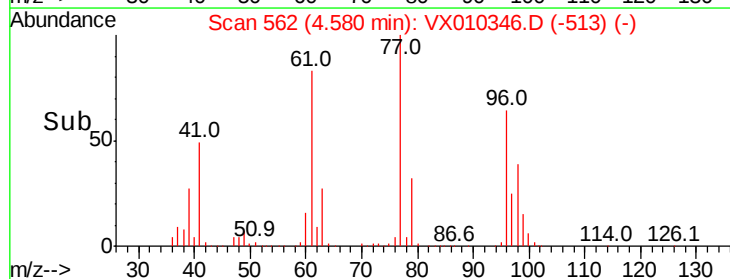
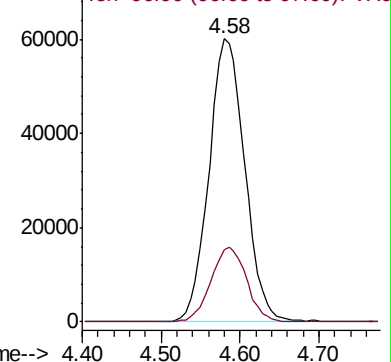
77 100

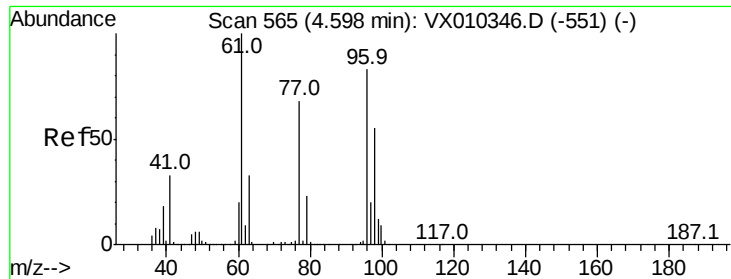
97 26.2 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





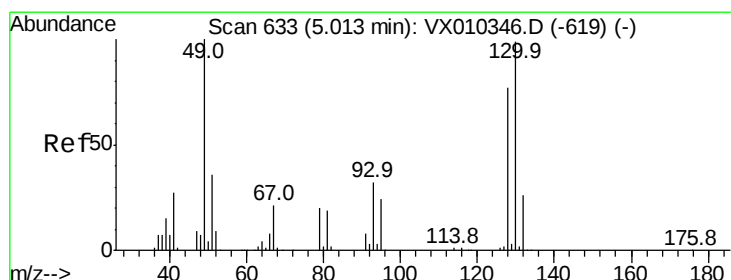
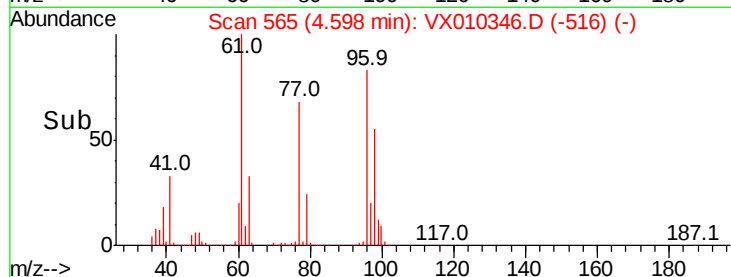
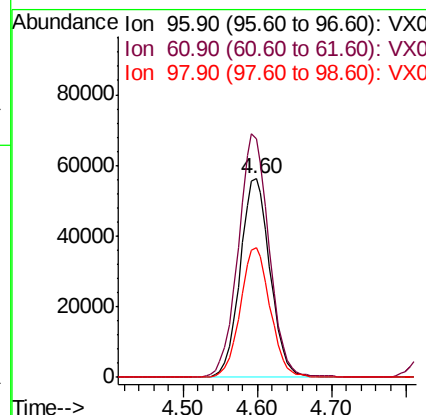
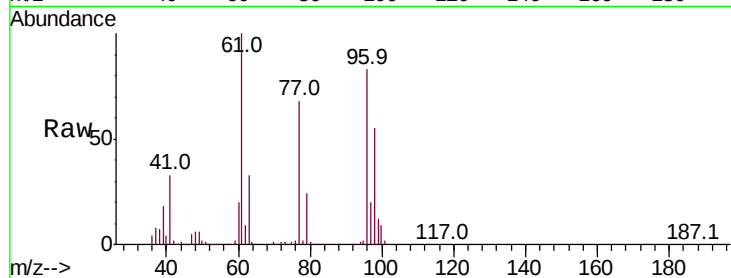
#27
 cis-1,2-Dichloroethene
 Concen: 47.766 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	159282		
61	125.9	0.0	251.8	
98	64.7	0.0	129.4	

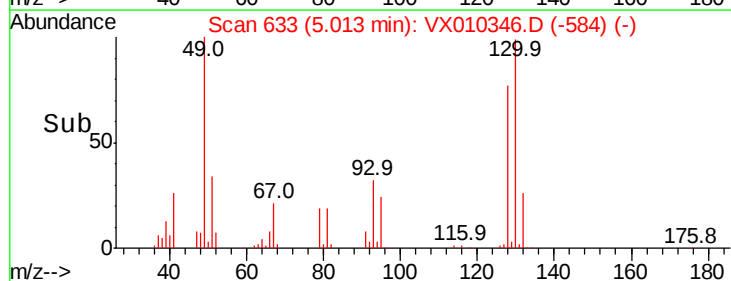
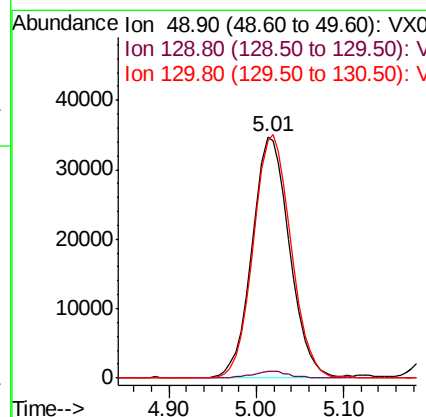
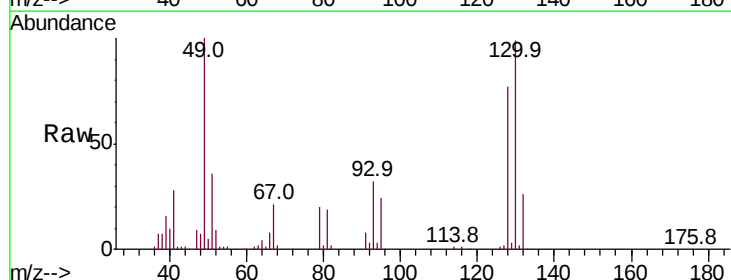
Manual Integrations
 APPROVED

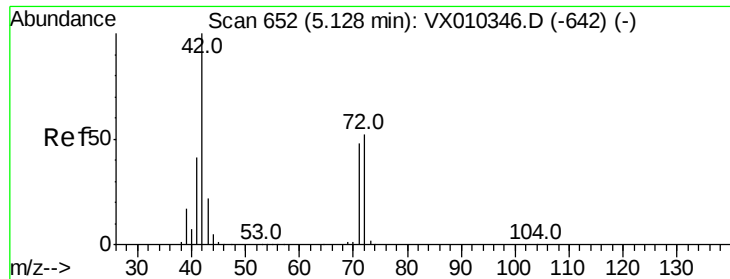
MMDadoda
 6/20/2019 1:23:28 PM



#28
 Bromochloromethane
 Concen: 48.554 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	103715		
129	2.8	0.0	5.6	
130	101.7	81.4	122.0	





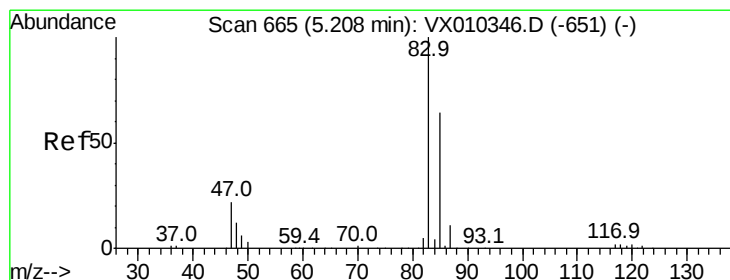
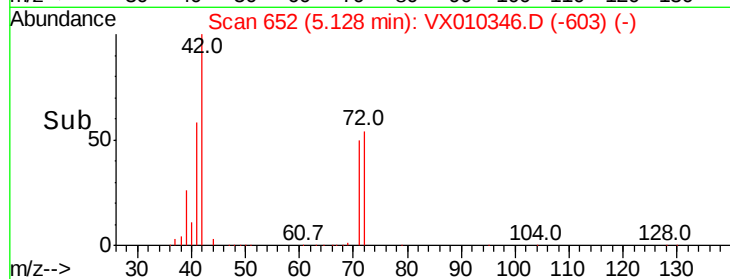
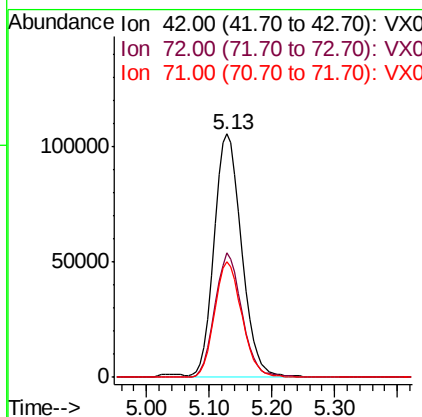
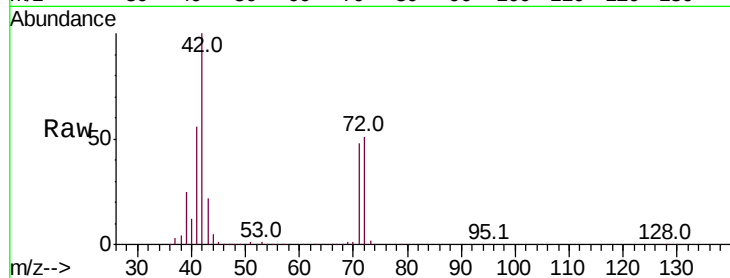
#29
Tetrahydrofuran
Concen: 245.826 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.7	40.6	60.8
71	47.3	37.8	56.8

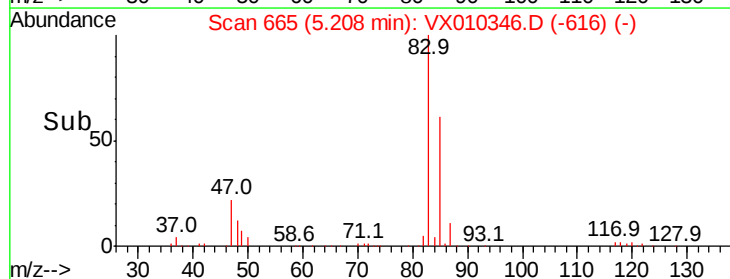
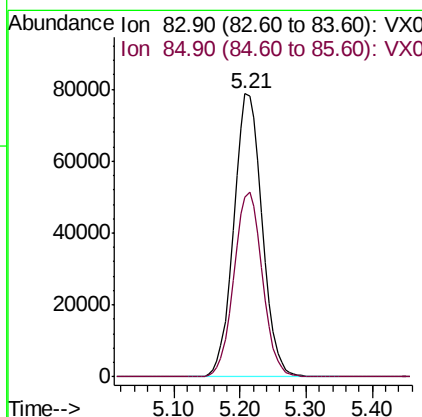
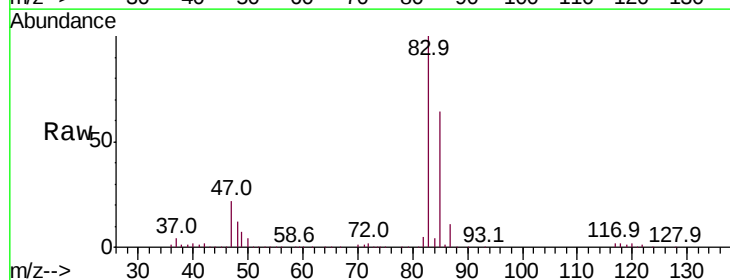
Manual Integrations
APPROVED

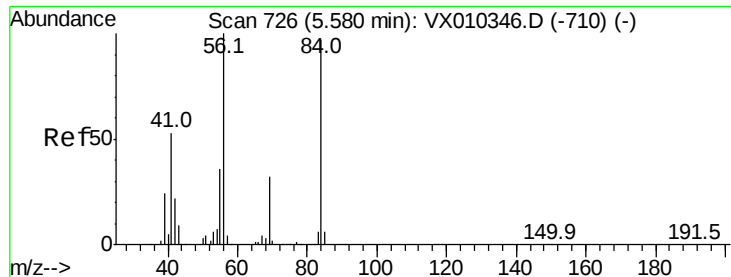
MMDadoda
6/20/2019 1:23:28 PM



#30
Chloroform
Concen: 47.646 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.9	76.3





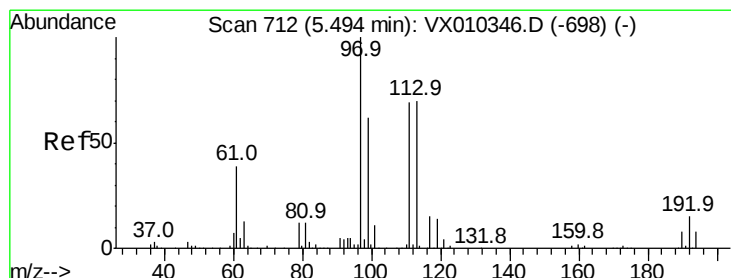
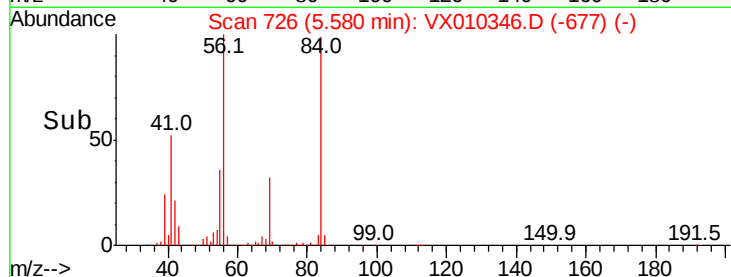
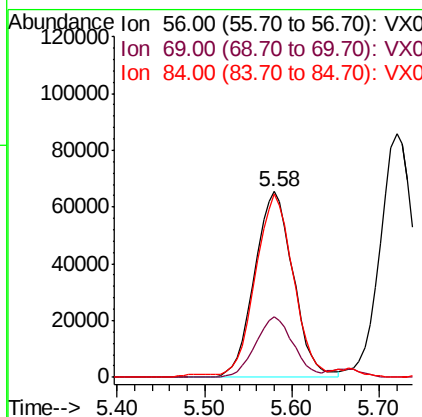
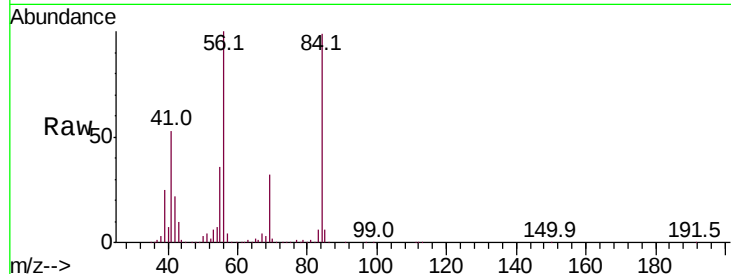
#31
Cvclohexane
Concen: 47.274 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.9	38.9
84	97.5	78.0	117.0

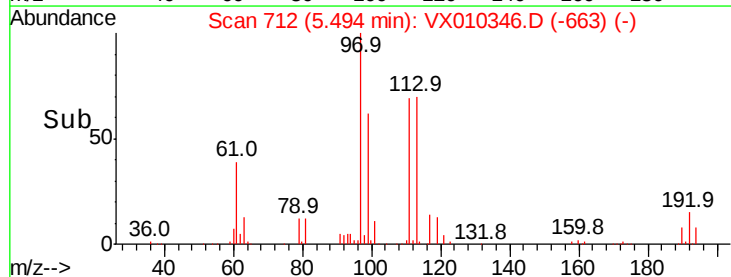
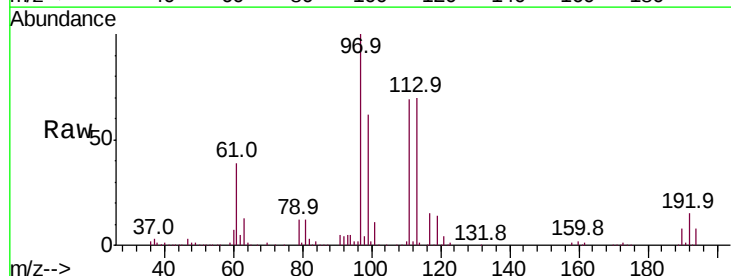
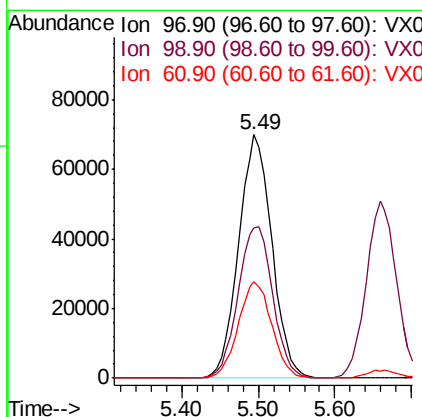
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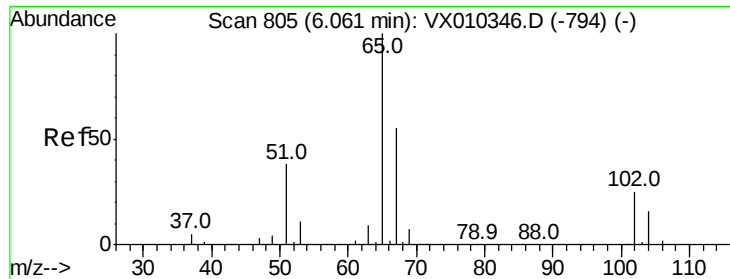
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#32
1,1,1-Trichloroethane
Concen: 45.719 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	40.1	32.1	48.1





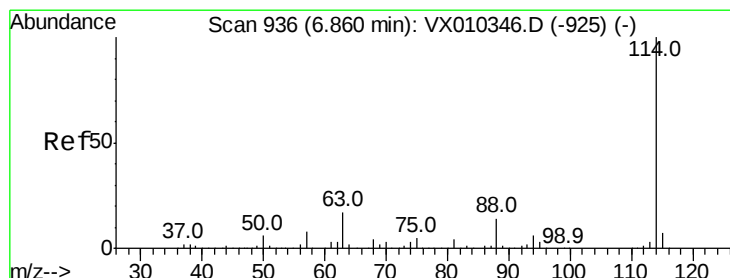
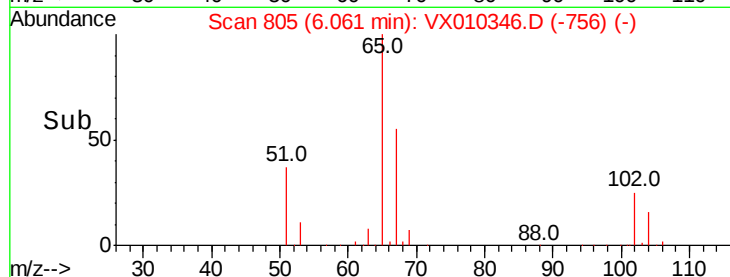
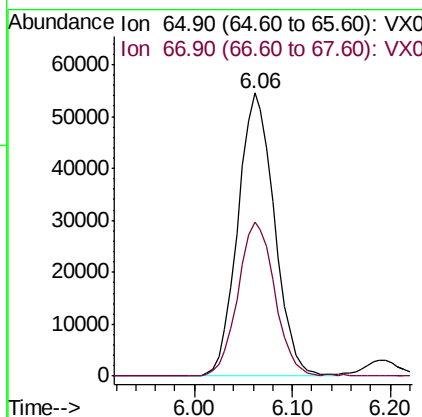
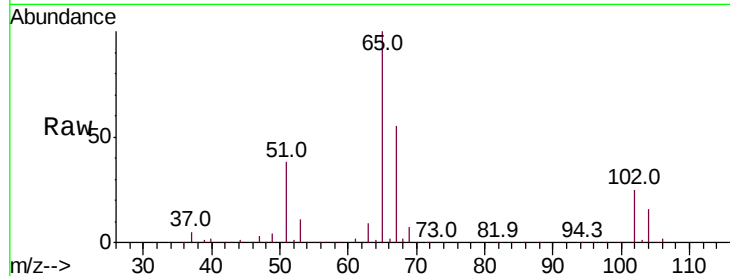
#33
 1,2-Dichloroethane-d4
 Concen: 47.994 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.1	0.0	110.2	

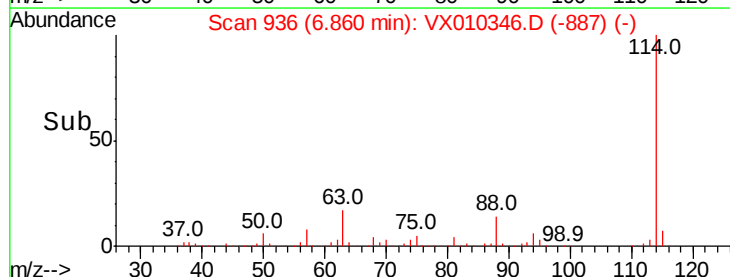
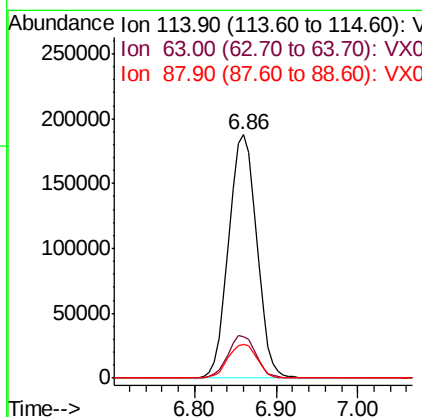
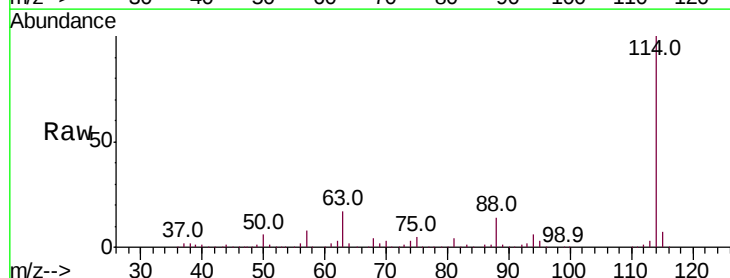
Manual Integrations
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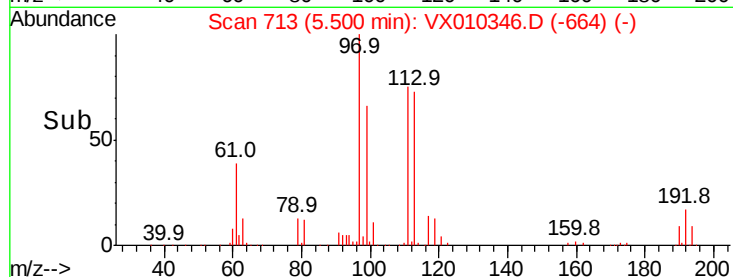
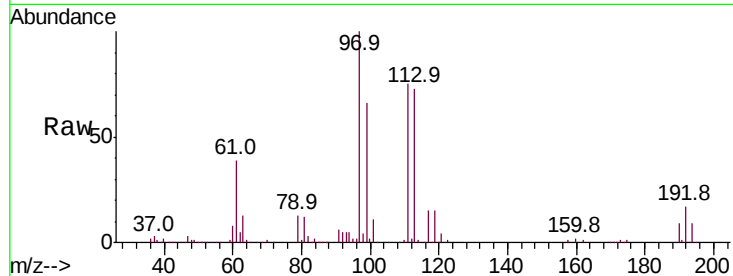
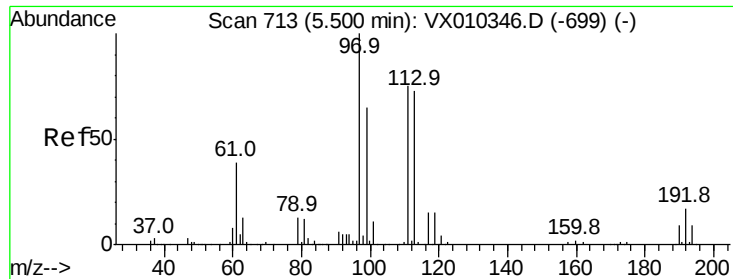
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	16.9	0.0	33.8	
88	13.8	0.0	27.6	





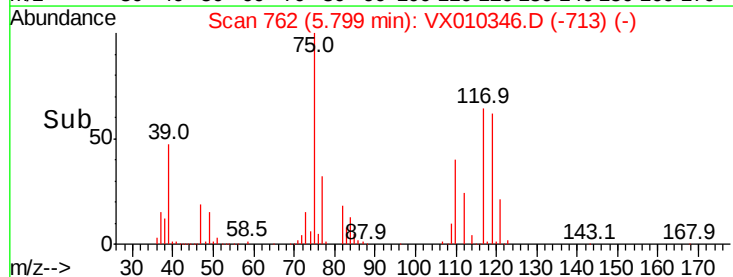
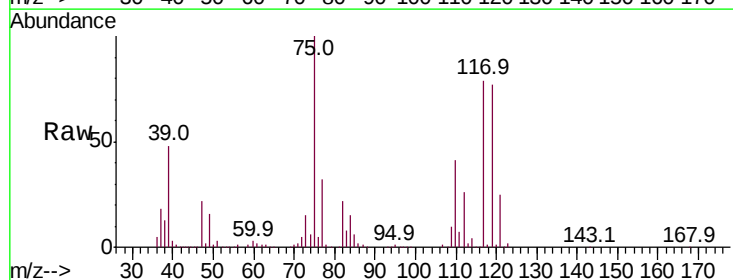
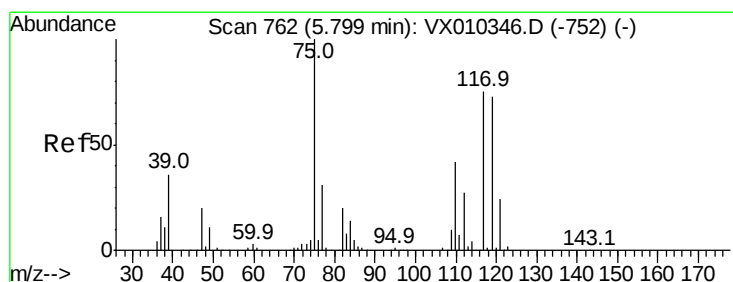
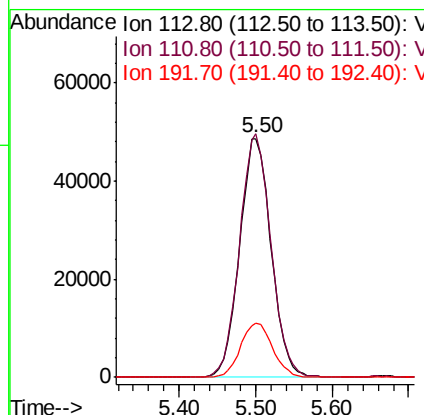
#35
Dibromofluoromethane
Concen: 50.286 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tot Ion	Ratio	Resp	Lower	Upper
113	100	139519		
111	101.5	81.2	121.8	
192	23.2	18.6	27.8	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

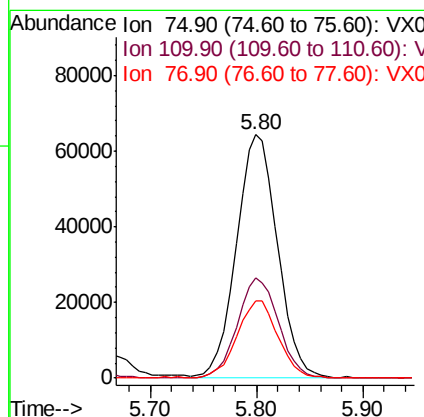
Manual Integrations
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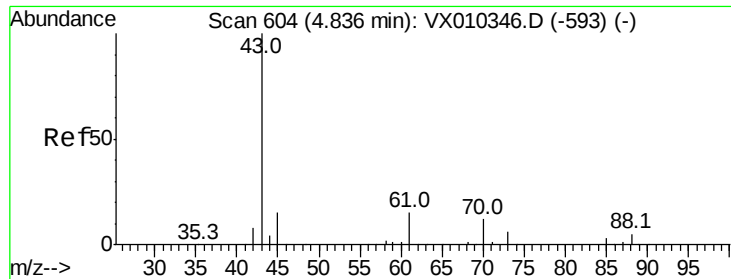
MMDadoda
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#36
1,1-Dichloropropene
Concen: 47.547 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	173171		
110	41.5	20.8	62.2	
77	31.7	25.4	38.0	





#37

Ethyl Acetate

Concen: 49.268 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010346.D

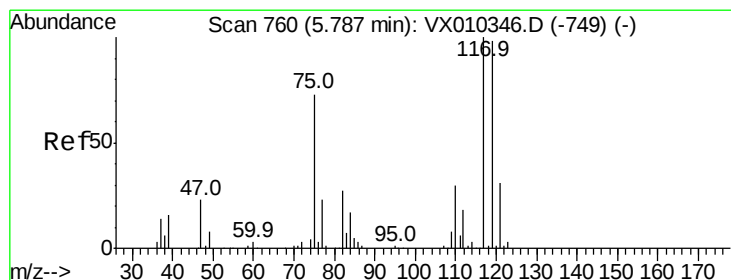
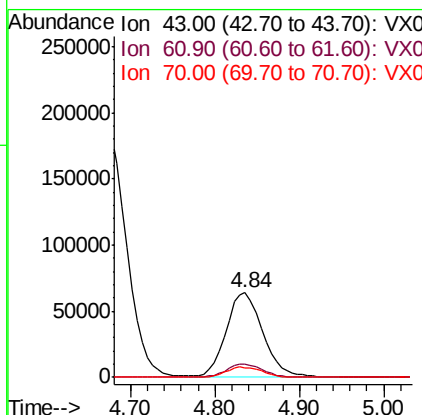
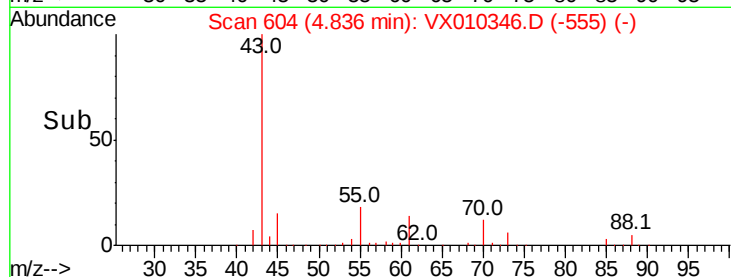
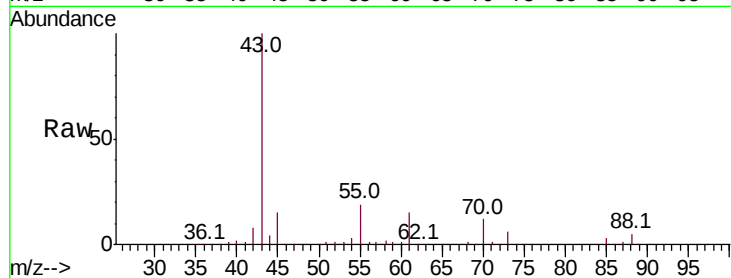
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.4	18.6
70	12.3	9.8	14.8

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 47.118 ug/l

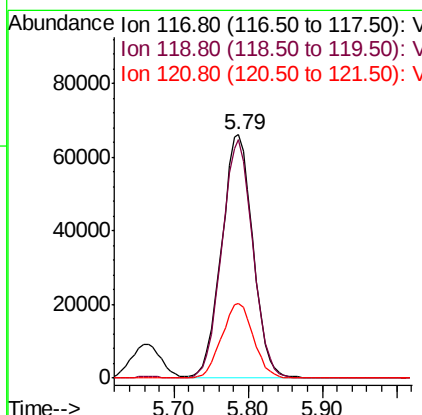
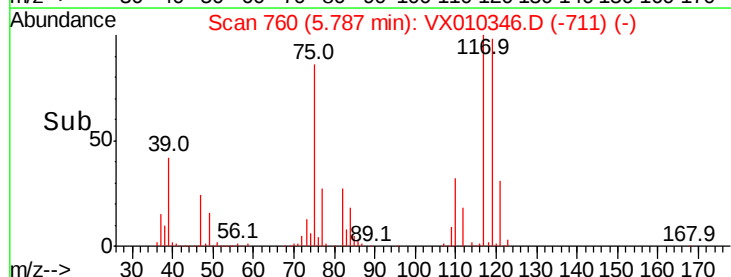
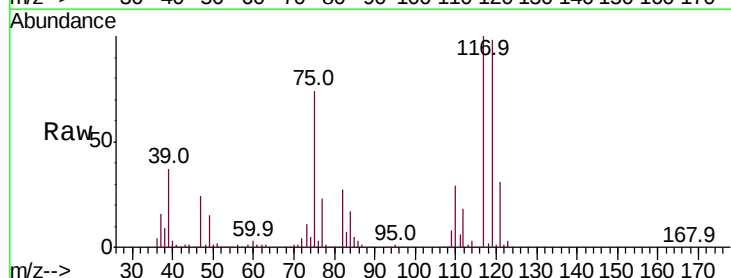
RT: 5.79 min Scan# 760

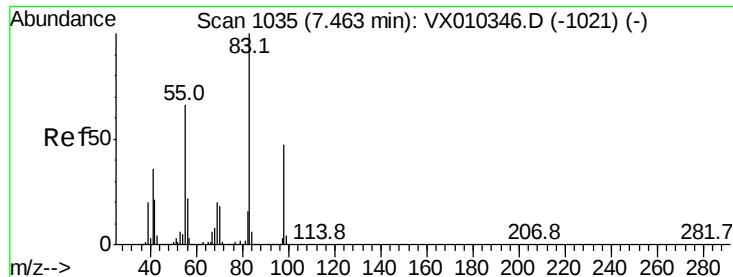
Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.2	117.4
121	30.9	24.7	37.1





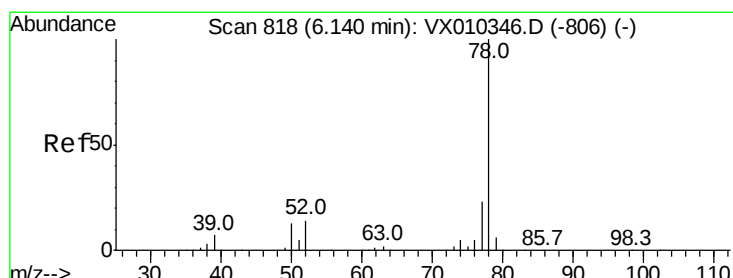
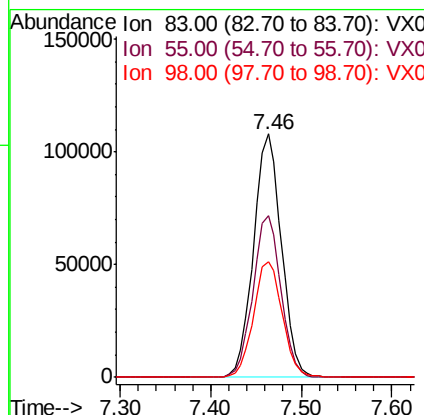
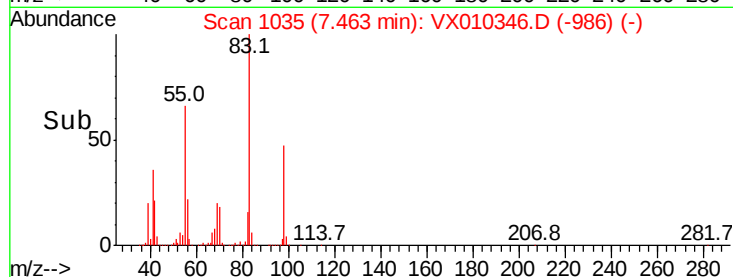
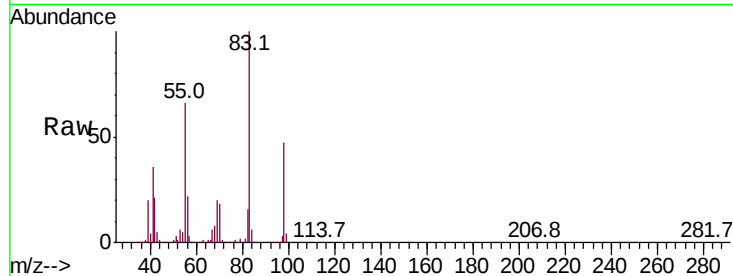
#39
Methylvlcyclohexane
Concen: 46.380 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	229218		
55	66.3		53.0	79.6
98	47.3		37.8	56.8

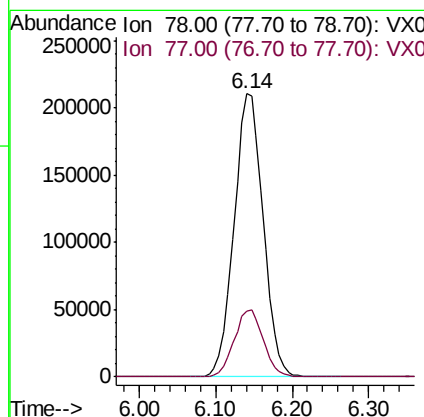
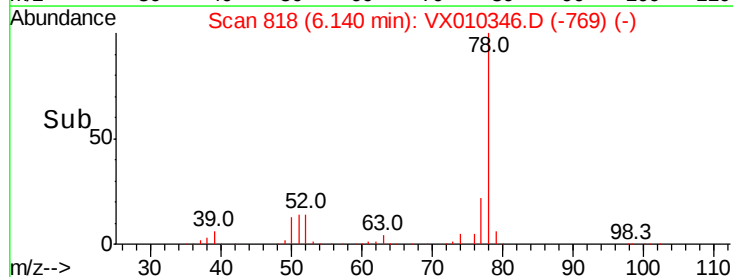
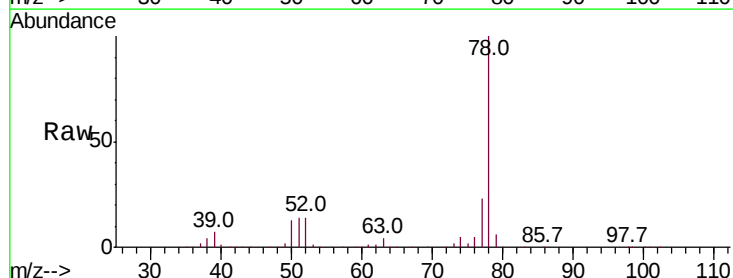
Manual Integrations
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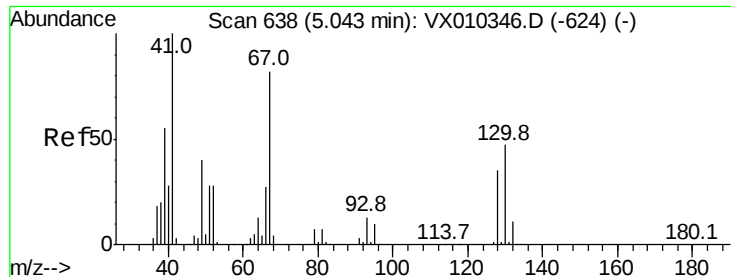
MMDadoda
6/20/2019 1:23:28 PM



#40
Benzene
Concen: 48.965 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	552717		
77	23.3		18.6	28.0





#41

Methacrylonitrile

Concen: 48.922 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 100418

Ion Ratio Lower Upper

41 100

39 54.8 43.8 65.8

67 83.3 66.6 100.0

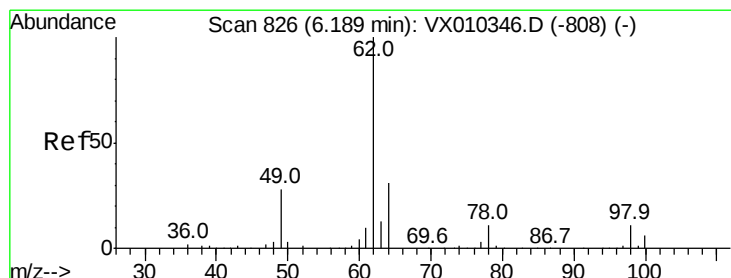
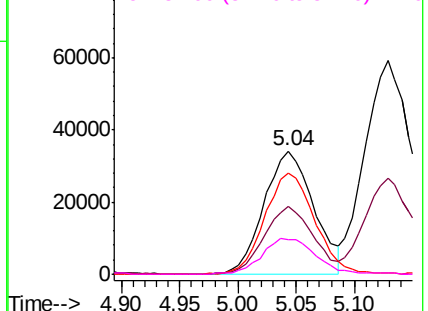
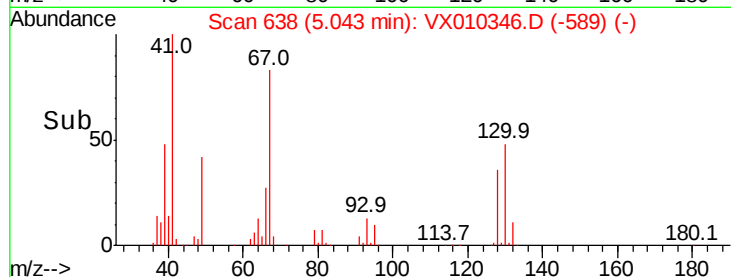
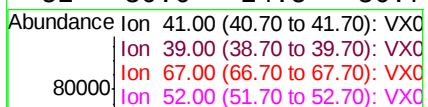
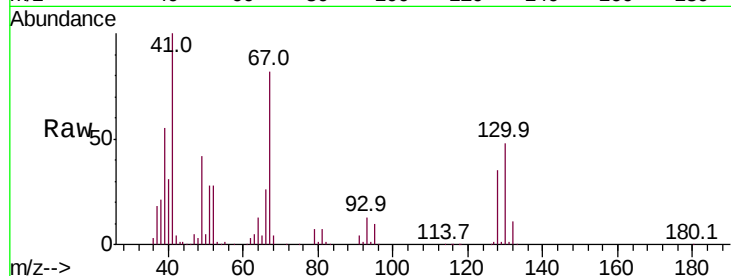
52 30.6 24.5 36.7

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 47.782 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010346.D

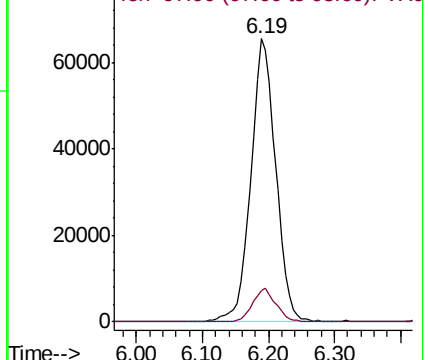
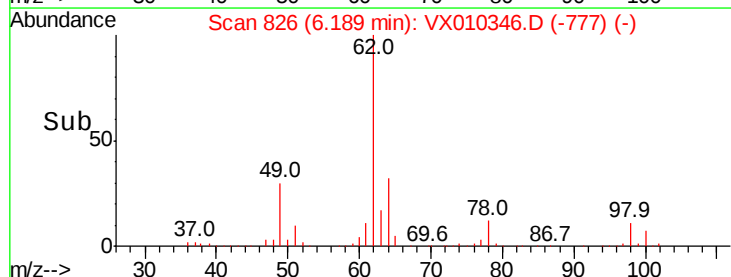
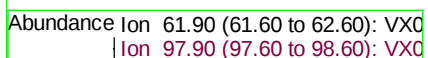
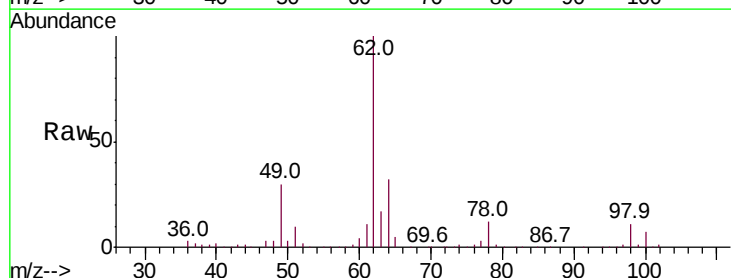
Acq: 19 Jun 2019 13:28

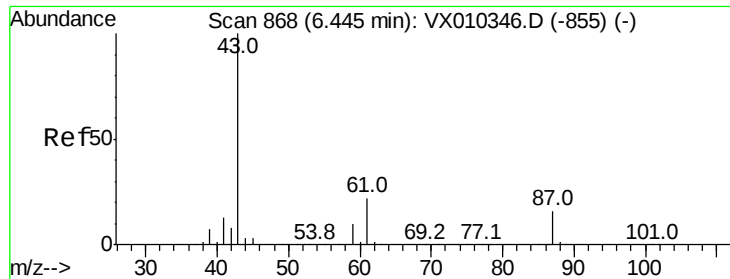
Tgt Ion: 62 Resp: 171532

Ion Ratio Lower Upper

62 100

98 11.1 0.0 22.2





#43

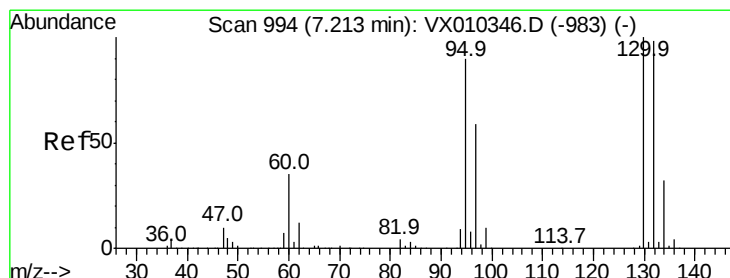
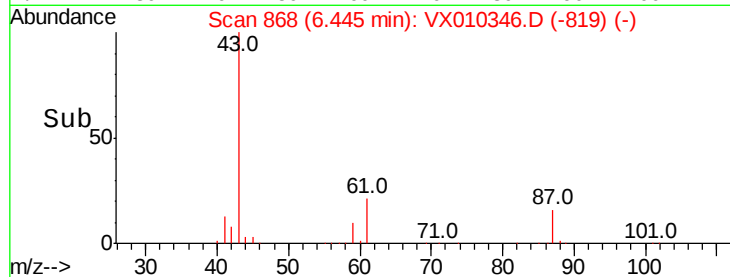
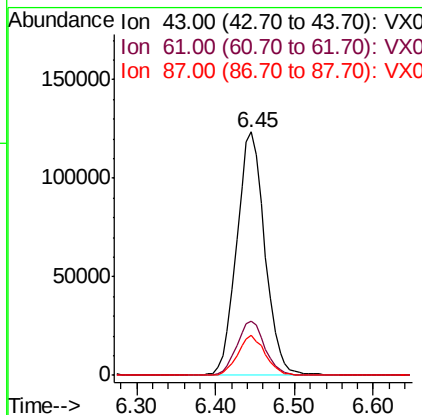
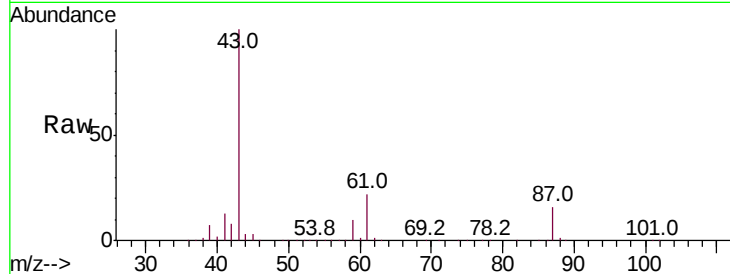
Isopropyl Acetate
 Concen: 48.018 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	17.8	26.6
87	16.2	13.0	19.4

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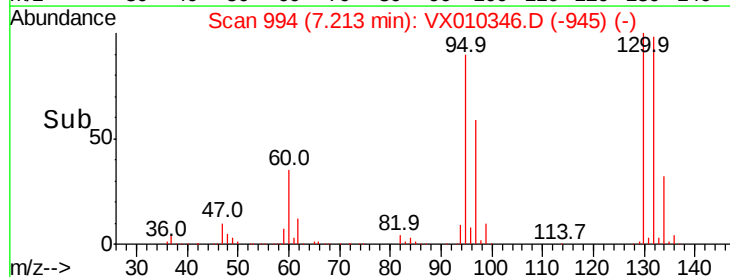
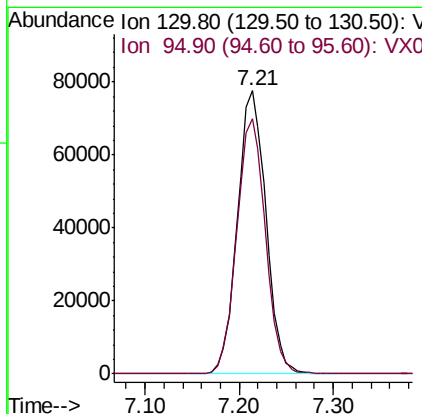
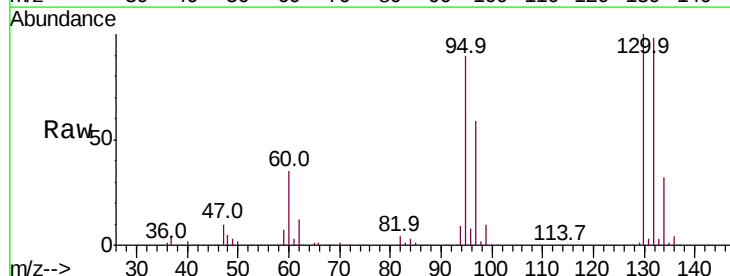
MMDadoda
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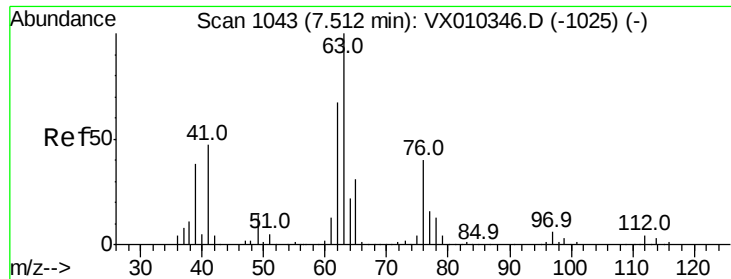


#44

Trichloroethene
 Concen: 48.208 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	180.8





#45

1,2-Dichloropropane

Concen: 48.891 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 138125

Ion Ratio Lower Upper

63 100

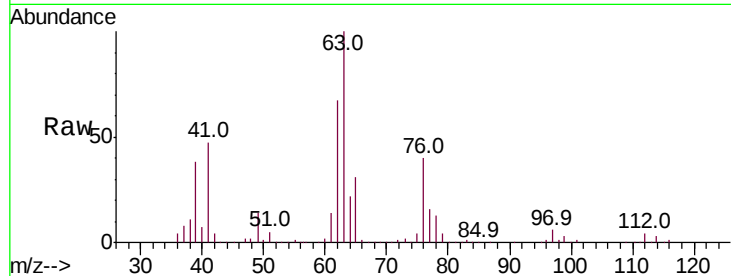
65 31.0 24.8 37.2

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

80000

60000

40000

20000

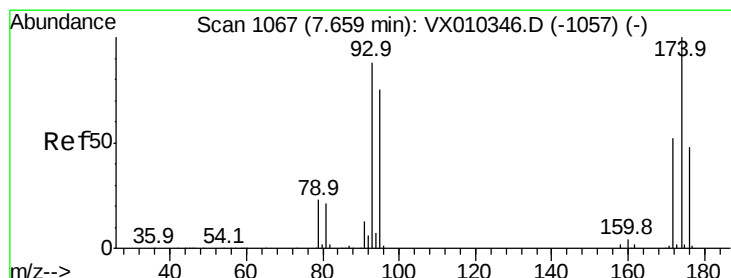
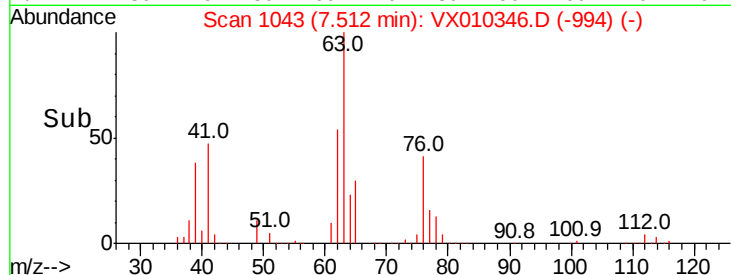
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 47.217 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

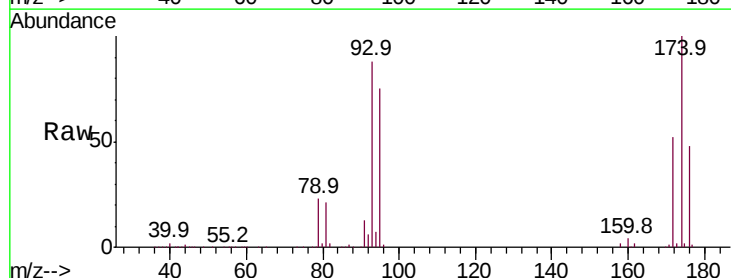
Tgt Ion: 93 Resp: 100021

Ion Ratio Lower Upper

93 100

95 84.4 67.5 101.3

174 119.7 95.8 143.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

60000

40000

20000

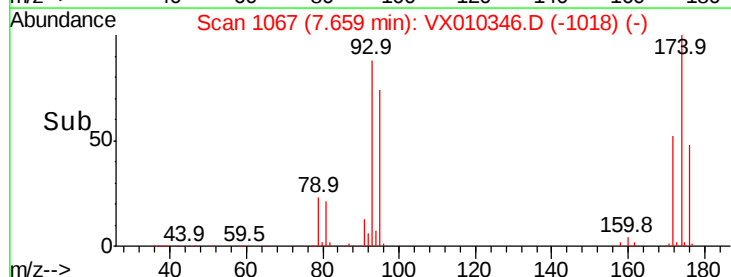
0

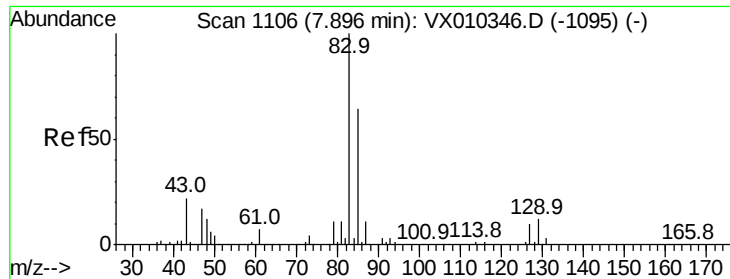
Time-->

7.60

7.70

7.80





#47

Bromodichloromethane

Concen: 47.630 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

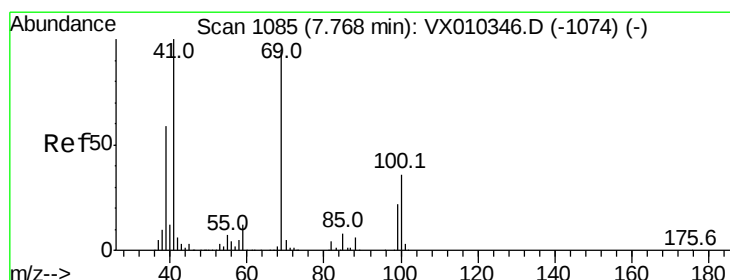
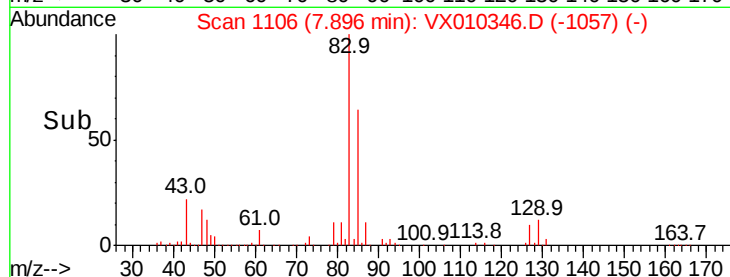
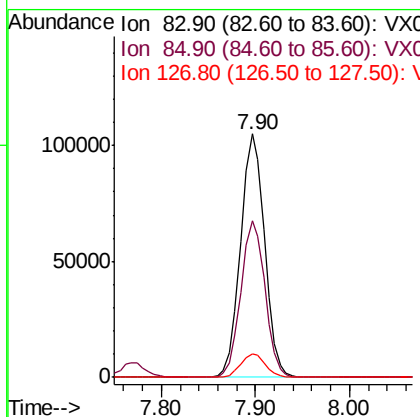
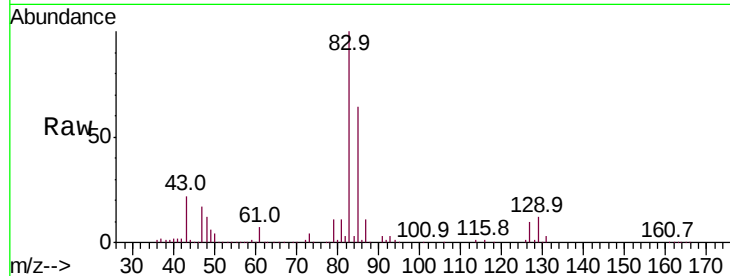
ClientSampled :

VSTDICCC050

Tot Ion:	83	Resp:	187320
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.5	77.3
127	9.8	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.906 ug/l

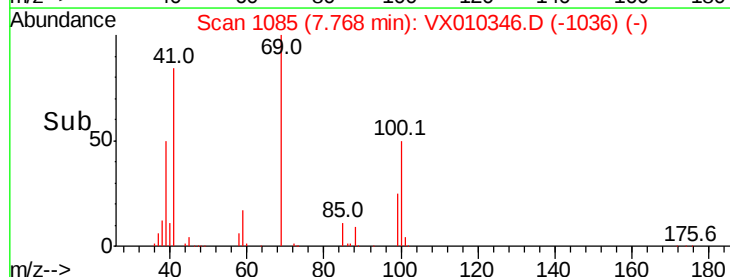
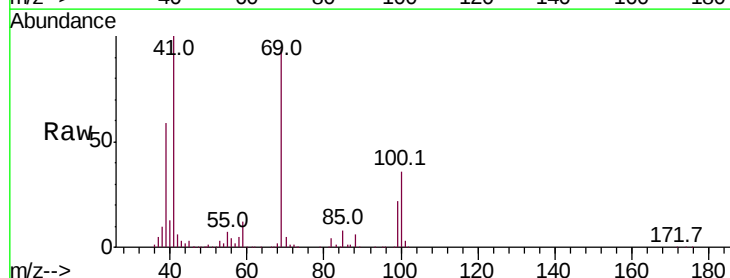
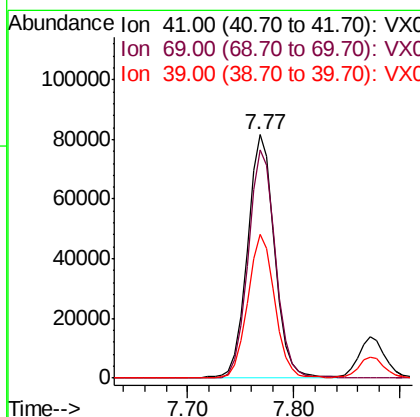
RT: 7.77 min Scan# 1085

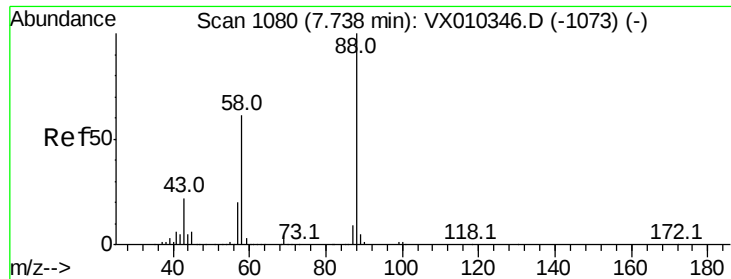
Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Tgt Ion:	41	Resp:	144465
Ion Ratio	Lower	Upper	
41	100		
69	95.1	76.1	114.1
39	59.5	47.6	71.4





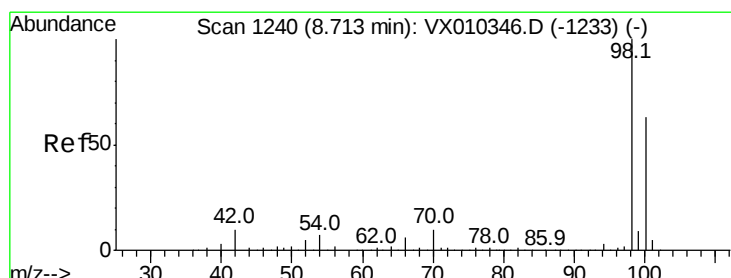
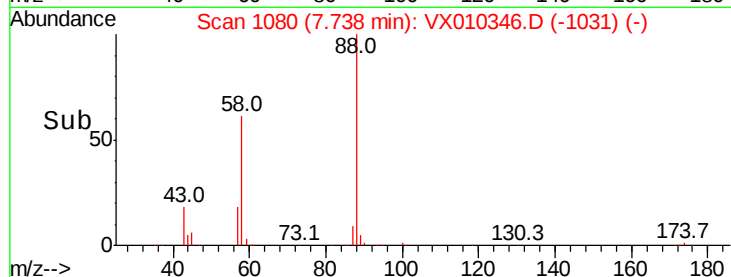
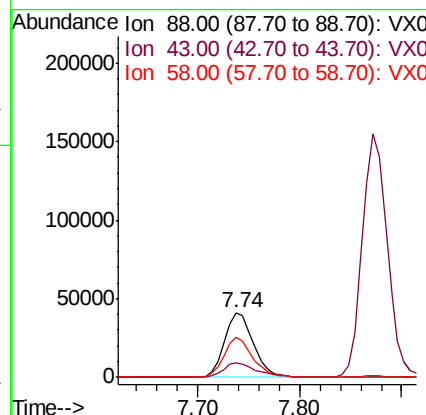
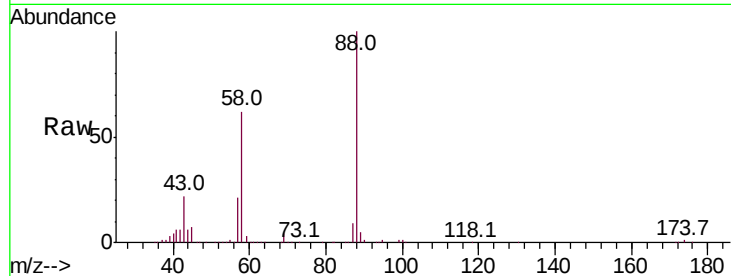
#49
1,4-Dioxane
Concen: 959.679 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.2	20.2	30.2
58	61.9	49.5	74.3

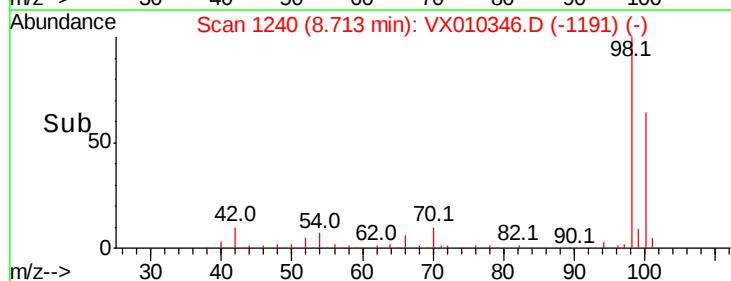
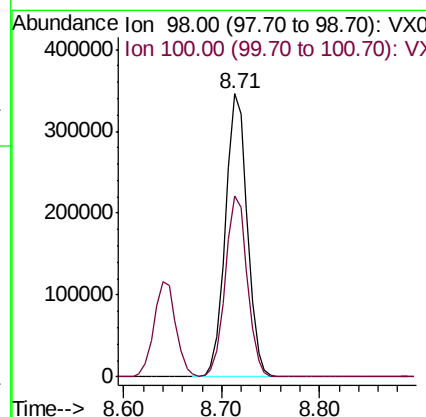
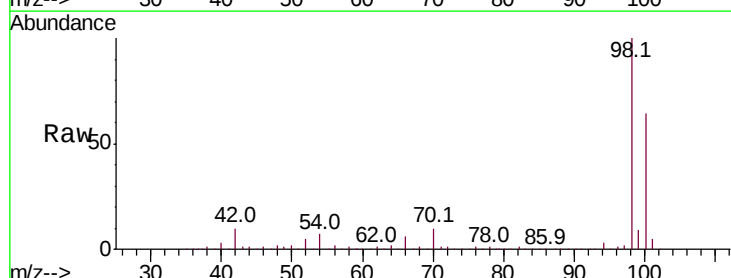
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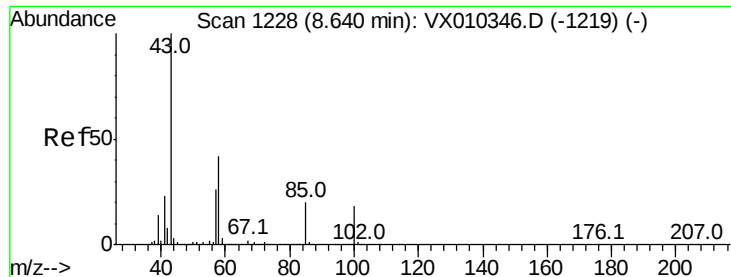
MMDadoda
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#50
Toluene-d8
Concen: 51.353 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 257.527 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 980127

Ion Ratio Lower Upper

43 100

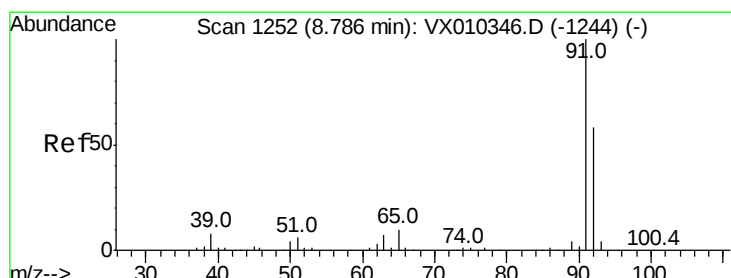
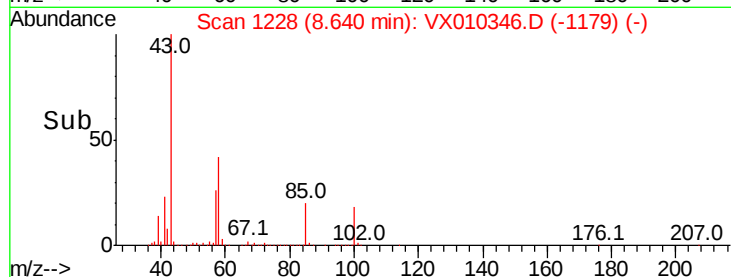
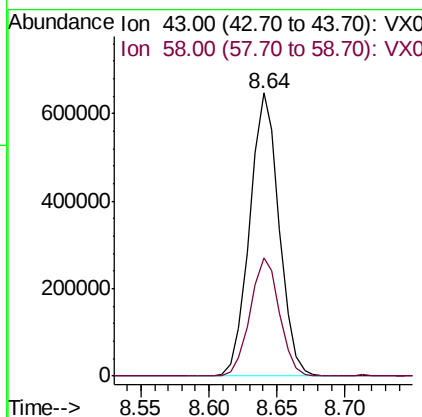
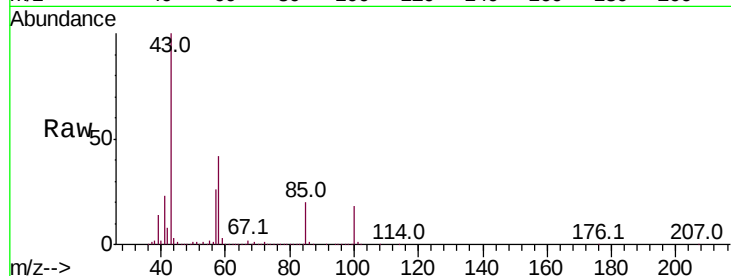
58 41.9 33.5 50.3

Manual Integrations

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#52

Toluene

Concen: 48.994 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010346.D

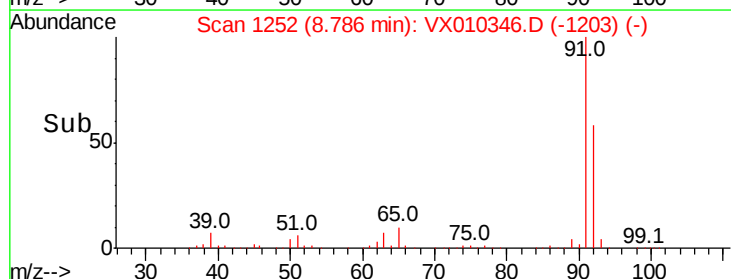
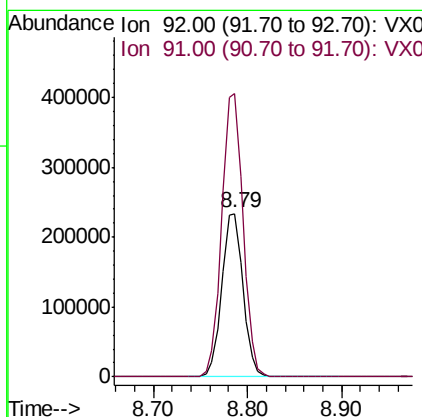
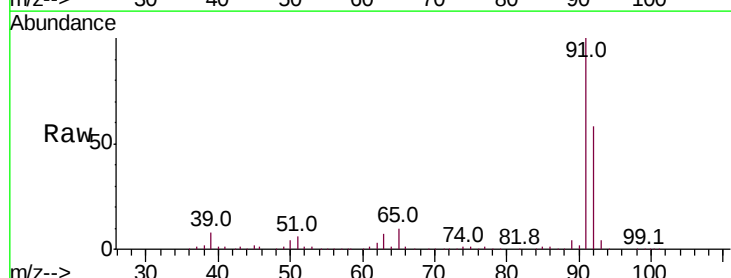
Acq: 19 Jun 2019 13:28

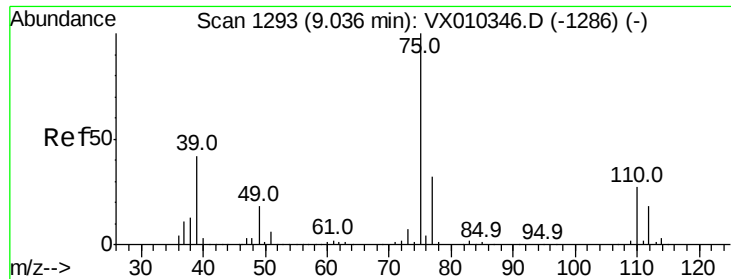
Tgt Ion: 92 Resp: 364556

Ion Ratio Lower Upper

92 100

91 174.7 139.8 209.6





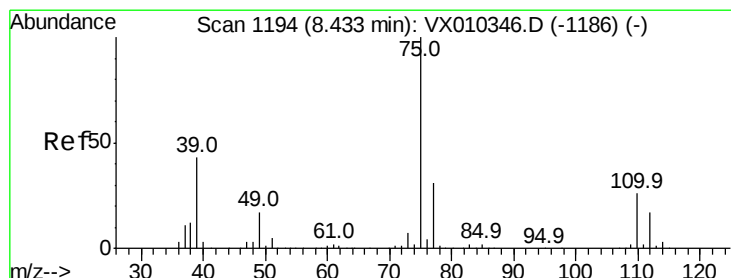
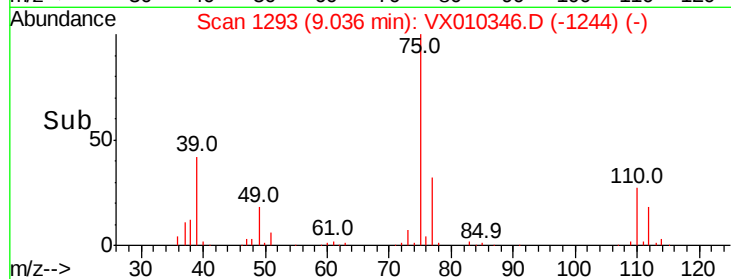
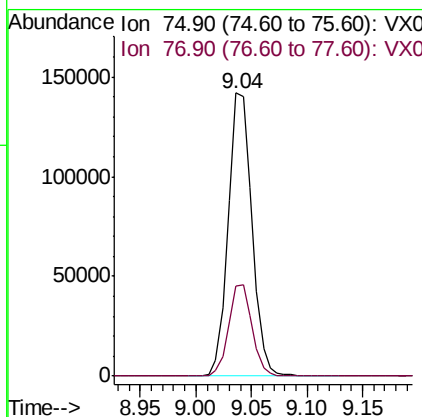
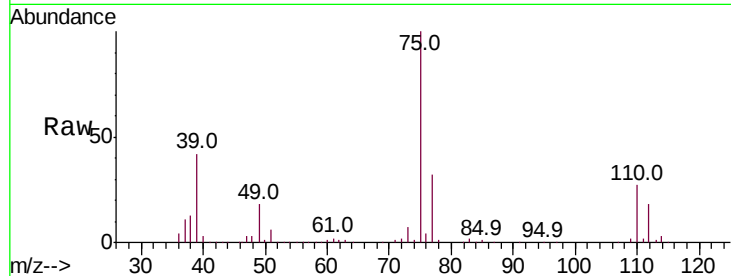
#53
t-1,3-Dichloropropene
Concen: 46.396 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 209856
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

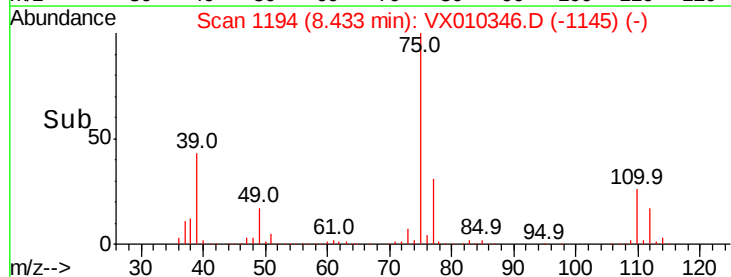
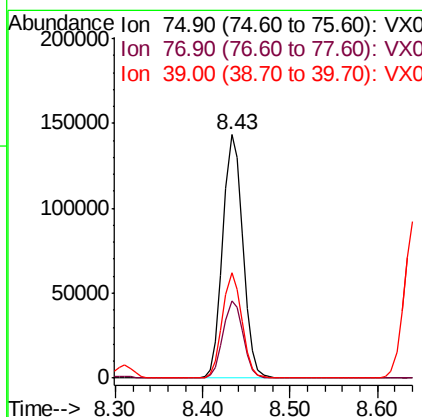
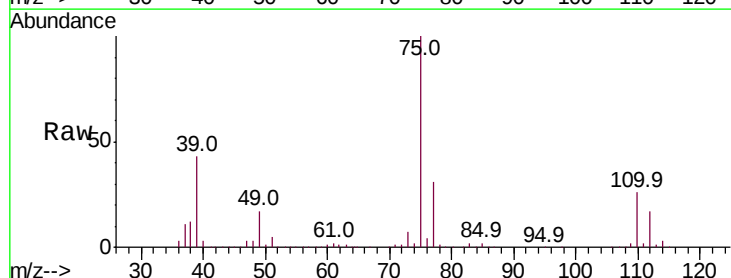
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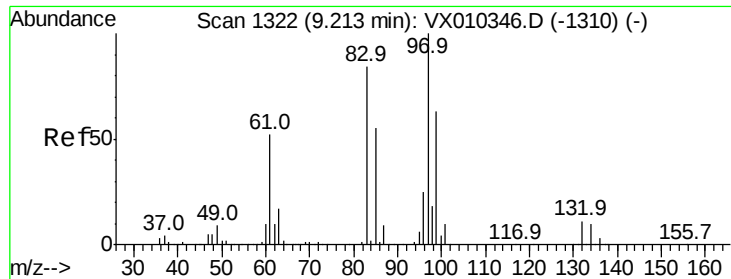
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#54
cis-1,3-Dichloropropene
Concen: 47.065 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion: 75 Resp: 229303
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 43.1 34.5 51.7





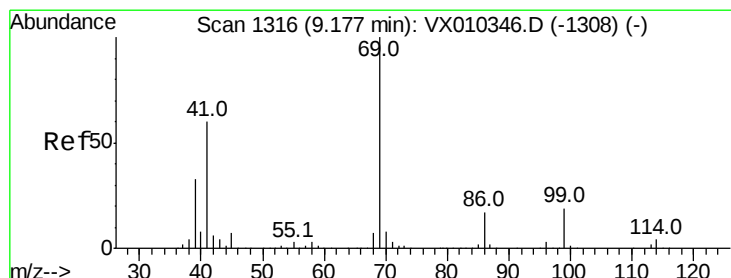
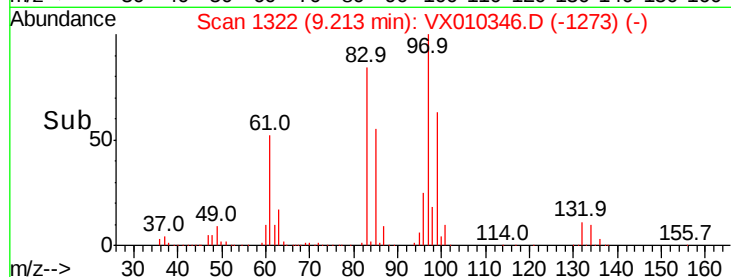
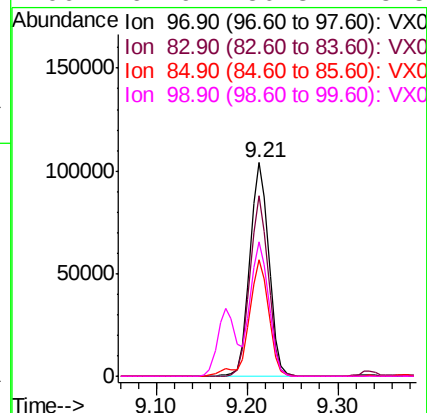
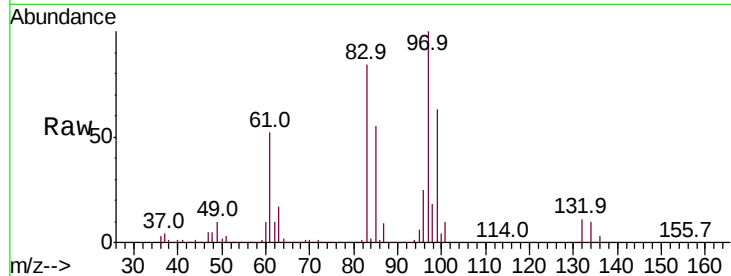
#55
1,1,2-Trichloroethane
Concen: 49.775 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	151515		
83	84.2	67.4	101.0	
85	54.8	43.8	65.8	
99	62.9	50.3	75.5	

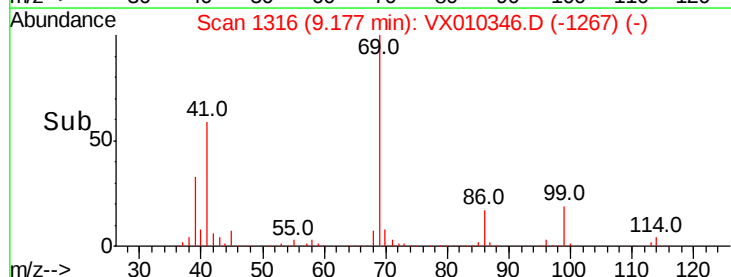
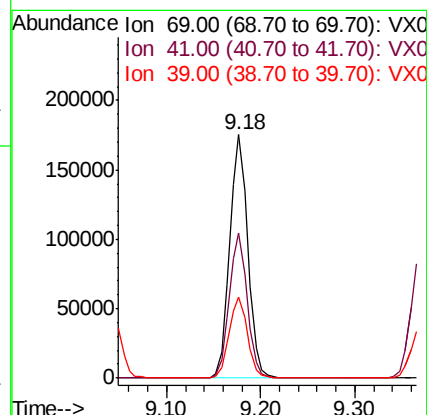
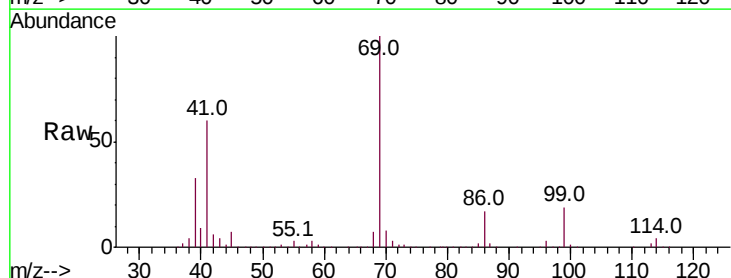
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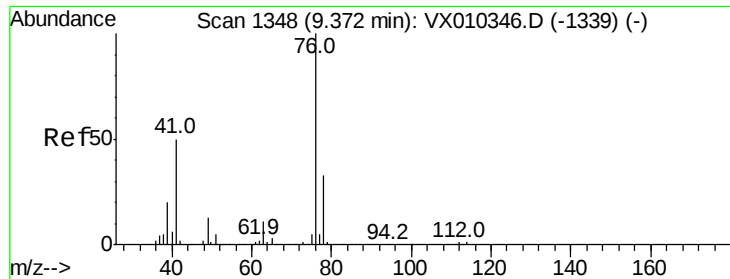
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#56
Ethyl methacrylate
Concen: 48.929 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	233831		
41	58.9	47.1	70.7	
39	33.3	26.6	40.0	





#57

1,3-Dichloropropane

Concen: 48.967 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 234544

Ion Ratio Lower Upper

76 100

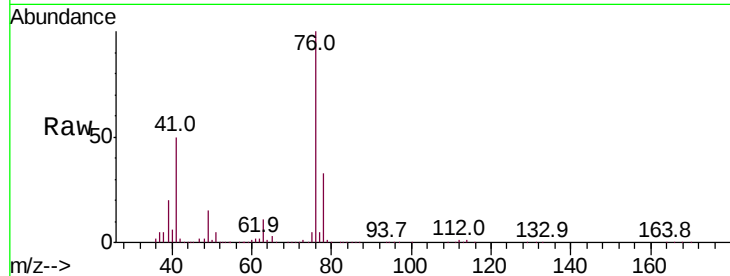
78 32.6 26.1 39.1

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

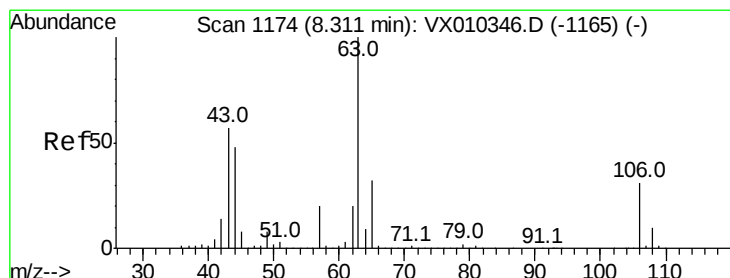
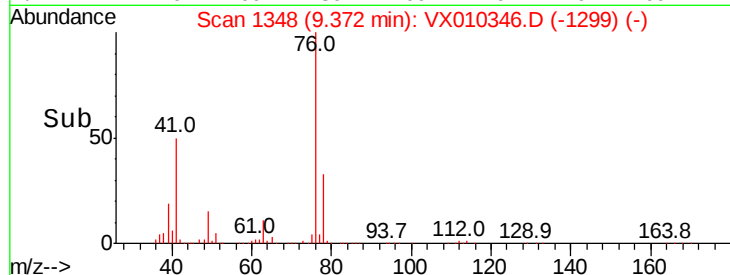
100000

50000

0

Time-->

9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 249.485 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010346.D

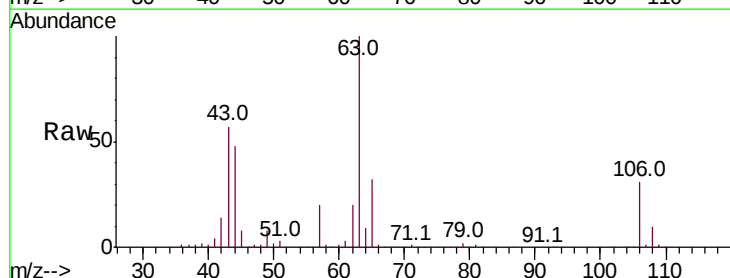
Acq: 19 Jun 2019 13:28

Tgt Ion: 63 Resp: 562858

Ion Ratio Lower Upper

63 100

106 30.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

300000

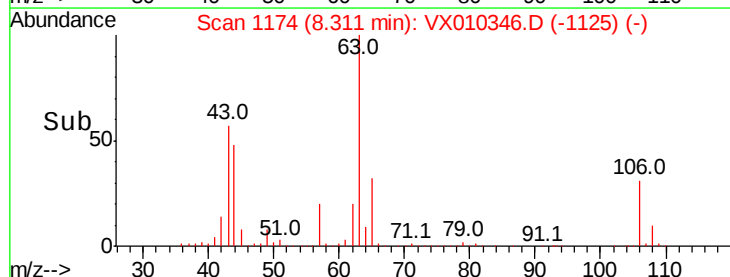
200000

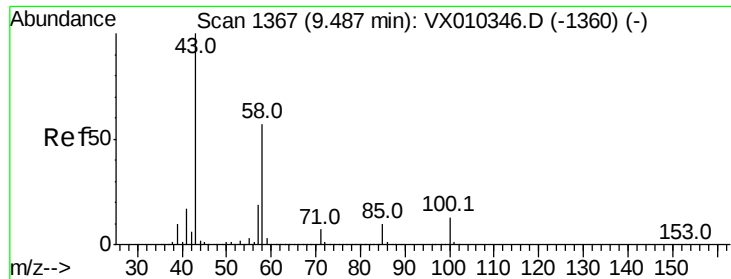
100000

0

Time-->

8.20 8.30 8.40





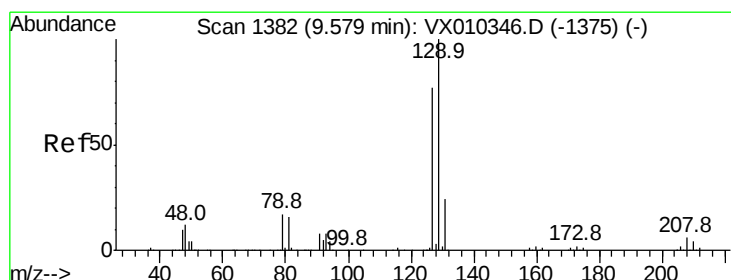
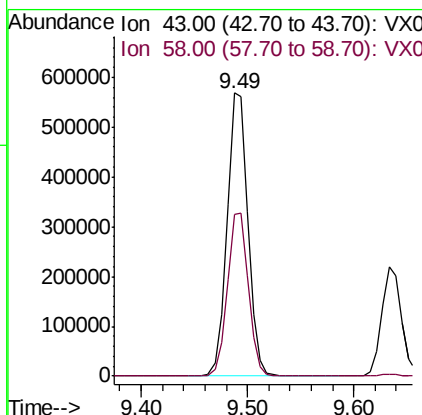
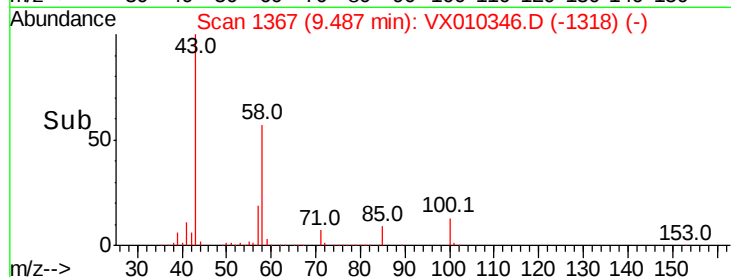
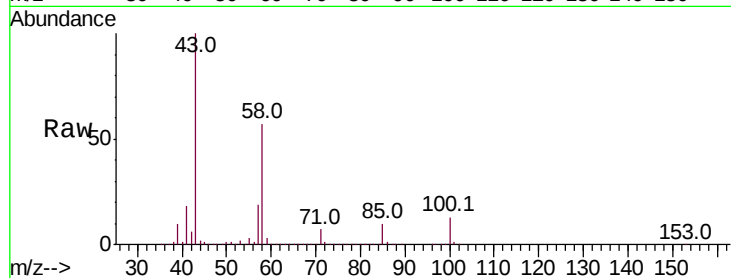
#59
2-Hexanone
Concen: 257.237 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 781593
Ion Ratio Lower Upper
43 100
58 58.1 29.0 87.1

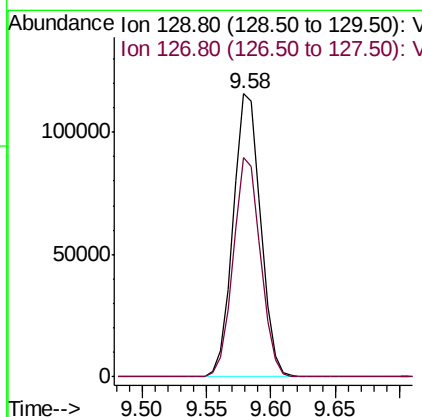
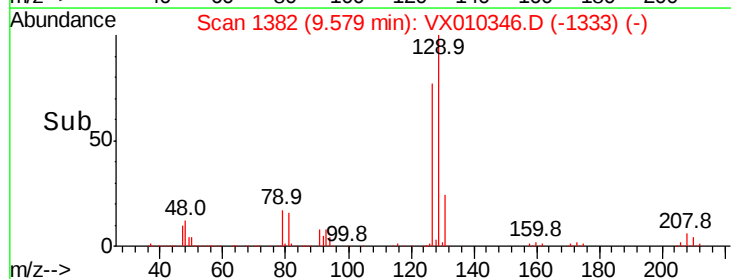
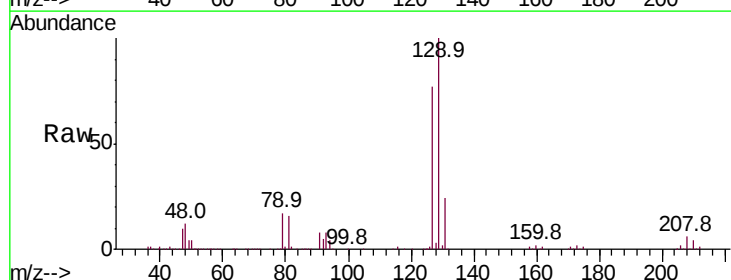
Manual Integrations
APPROVED

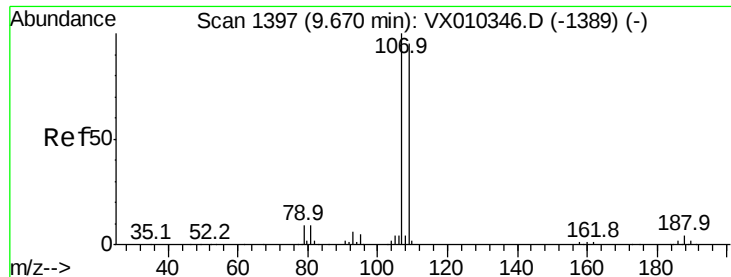
MMDadoda
6/20/2019 1:23:28 PM



#60
Dibromochloromethane
Concen: 48.163 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion: 129 Resp: 172311
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1





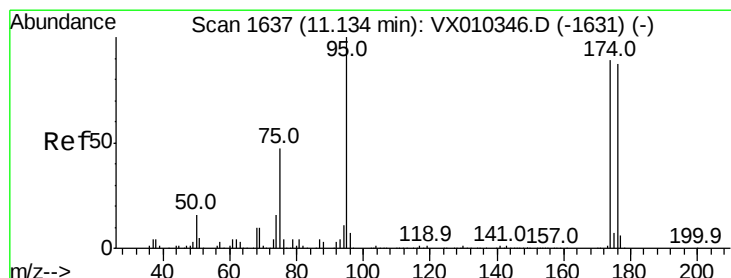
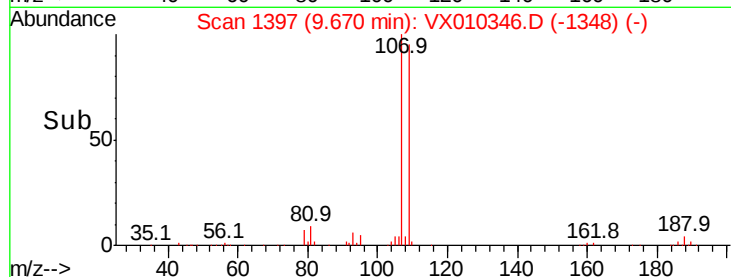
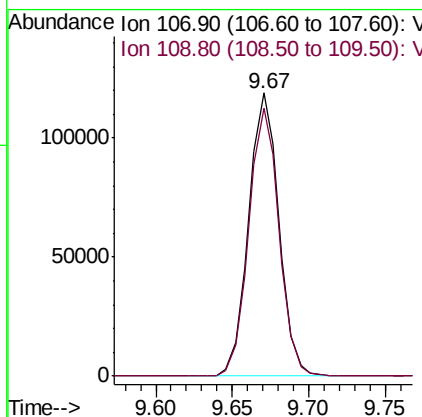
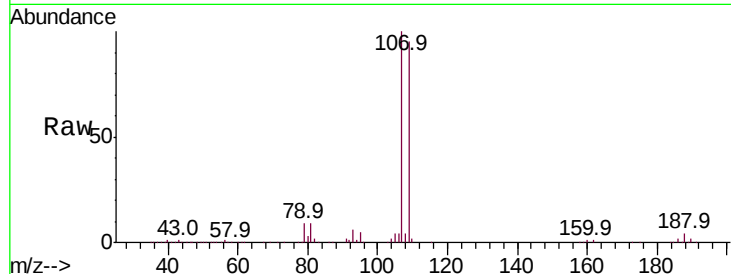
#61
 1,2-Dibromoethane
 Concen: 48.375 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	163572		
109	94.7	75.8	113.6	

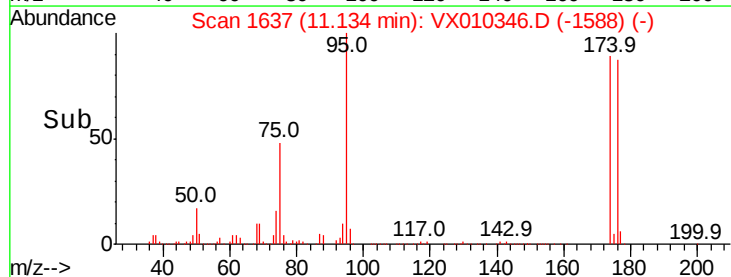
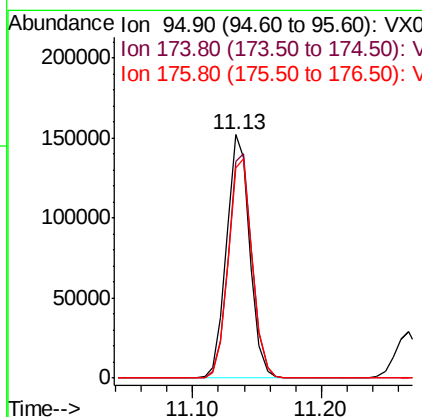
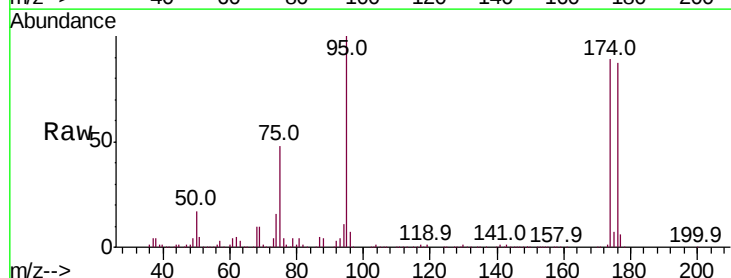
Manual Integrations
 APPROVED

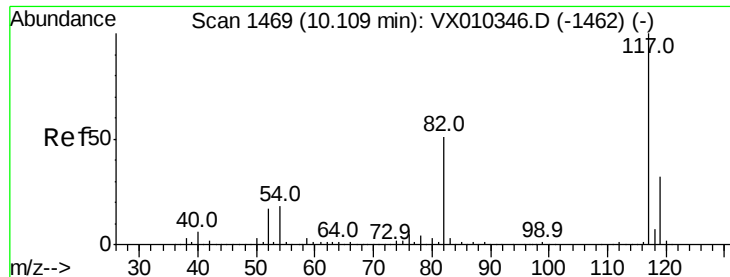
MMDadoda
 6/20/2019 1:23:28 PM



#62
 4-Bromofluorobenzene
 Concen: 50.104 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	193598		
174	93.8	0.0	187.6	
176	92.0	0.0	184.0	





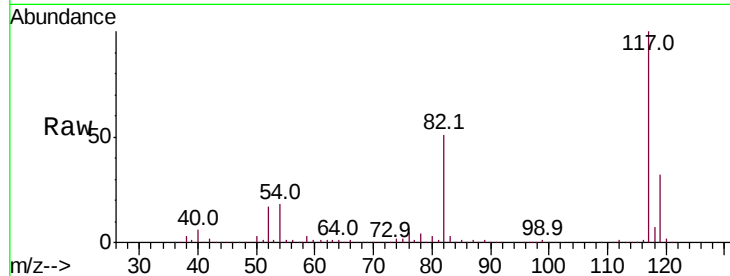
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.2	61.8
119	31.9	25.5	38.3

Manual Integrations
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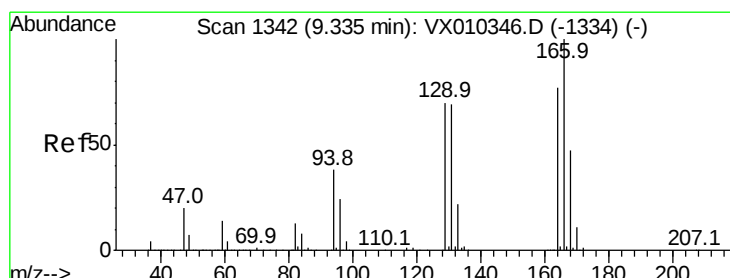
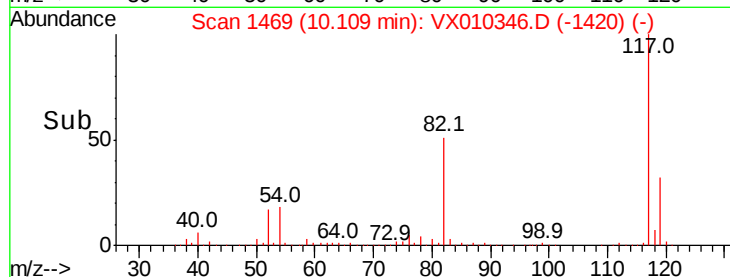
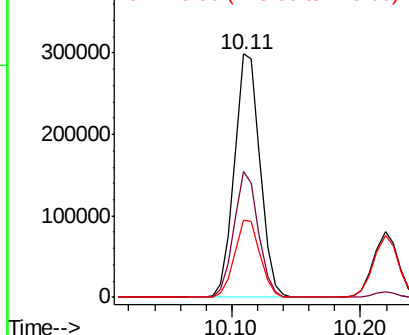


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 51.192 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	103.6	155.4
129	91.2	73.0	109.4
131	88.7	71.0	106.4

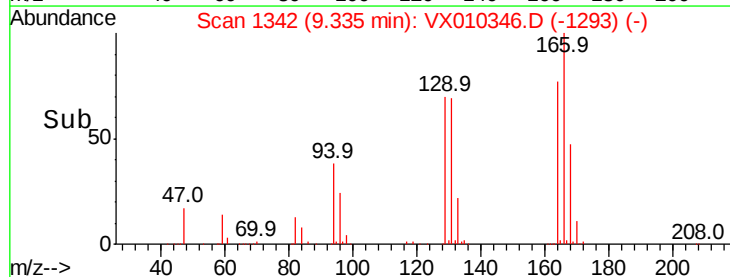
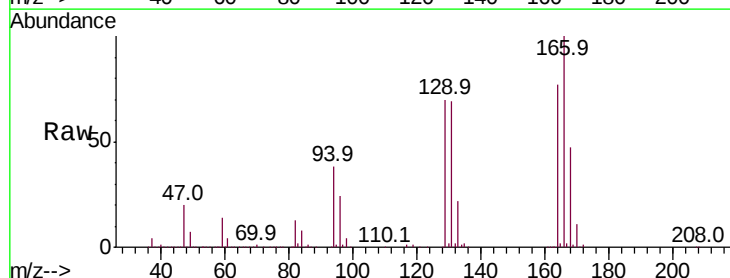
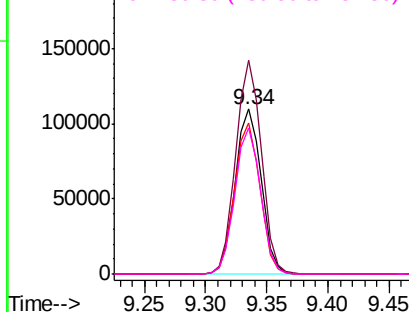
Abundance

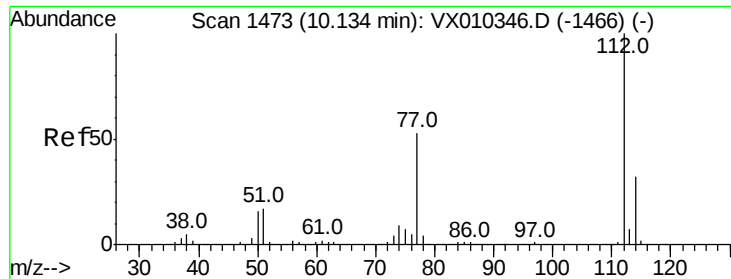
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 48.251 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 412469

Ion Ratio Lower Upper

112 100

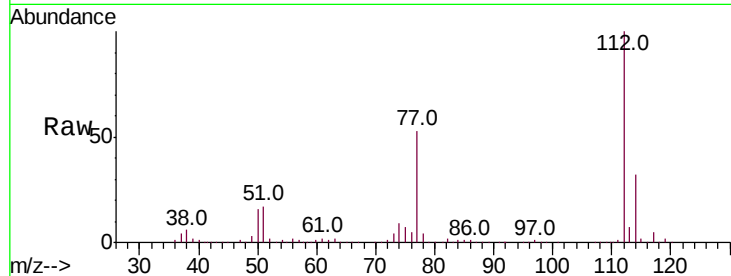
114 31.8 25.4 38.2

Manual Integrations

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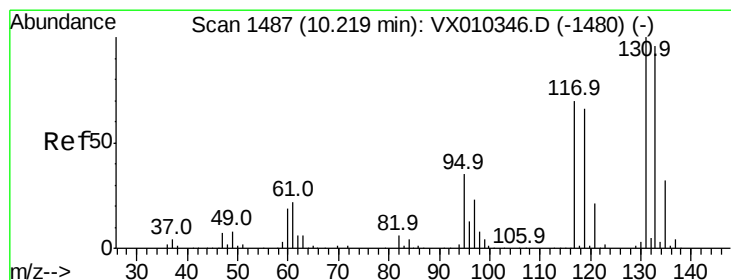
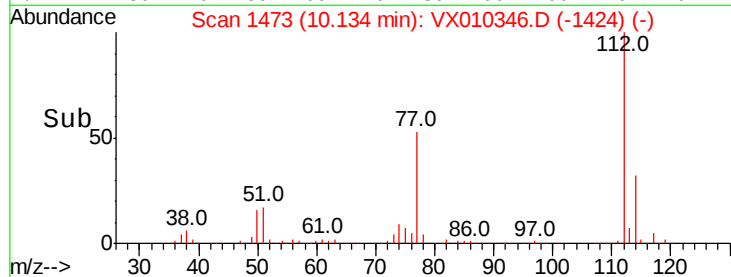
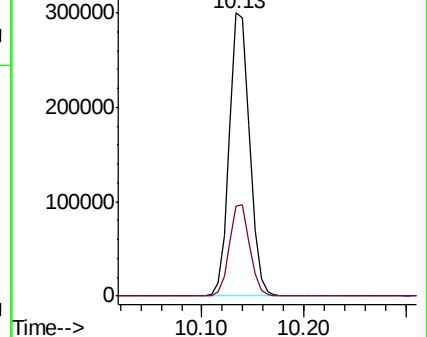
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.452 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

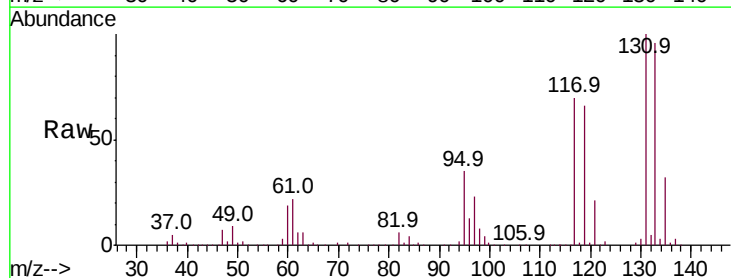
Tgt Ion:131 Resp: 155440

Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

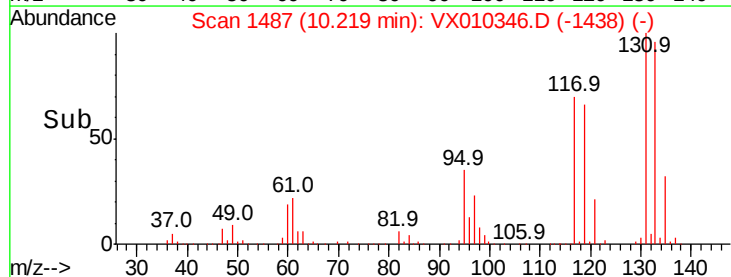
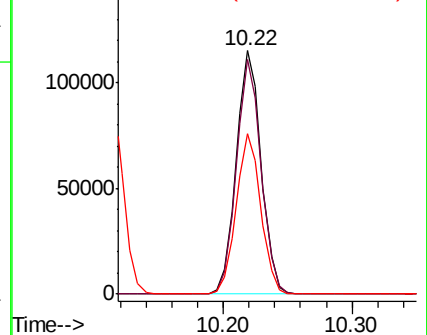
119 65.1 32.6 97.7

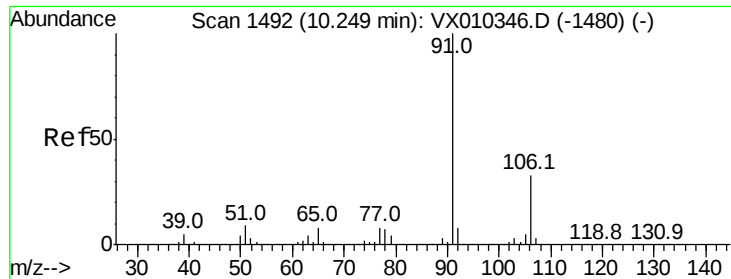


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





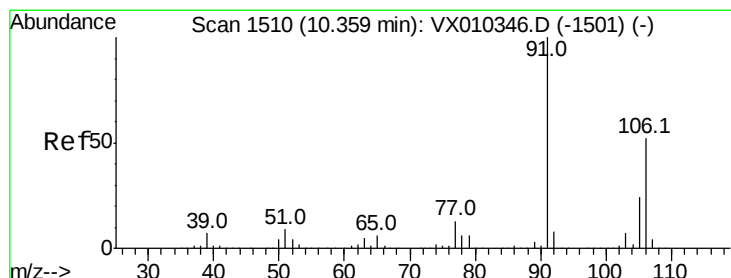
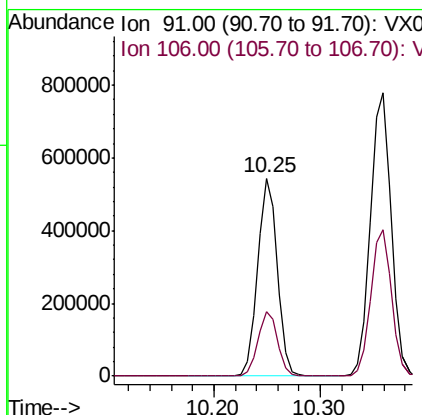
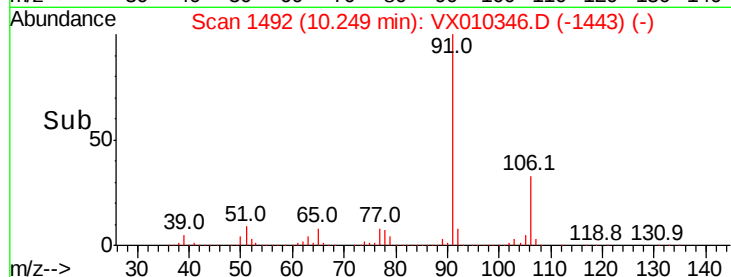
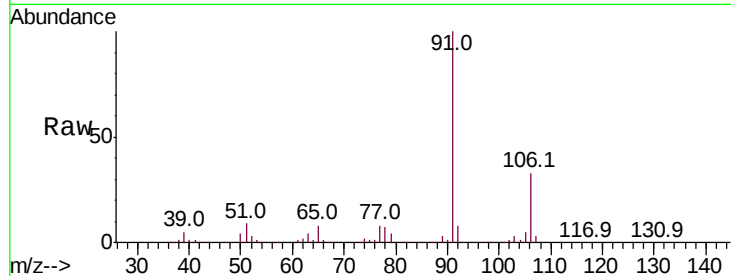
#67
Ethyl Benzene
Concen: 48.399 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 704553
Ion Ratio Lower Upper
91 100
106 32.7 26.2 39.2

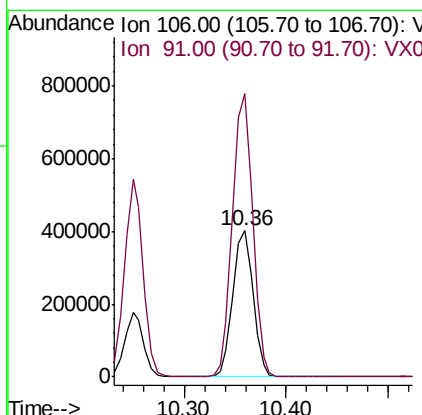
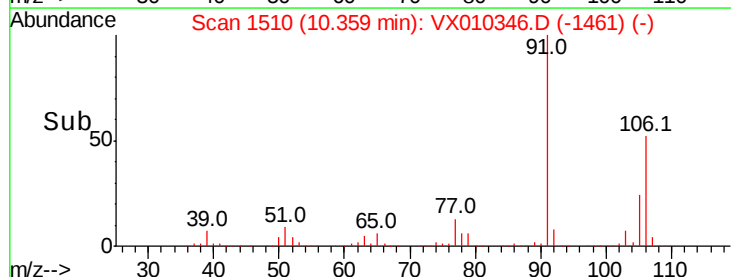
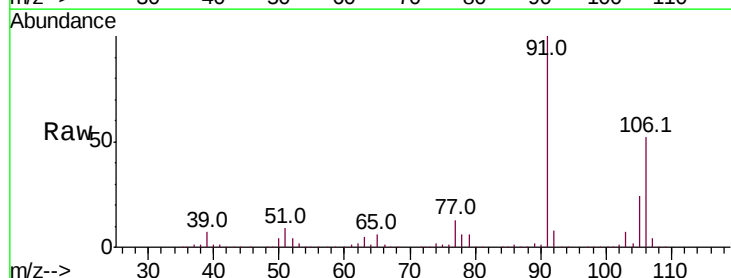
Manual Integrations
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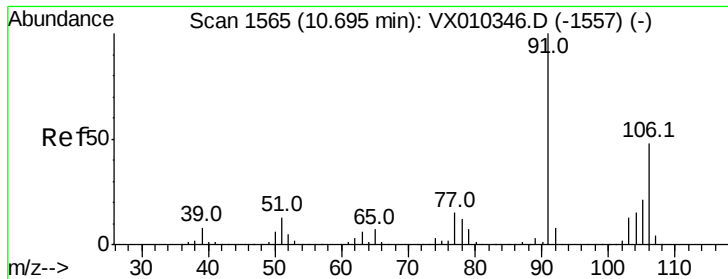
MMDadoda
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#68
m/p-Xylenes
Concen: 97.313 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion: 106 Resp: 548728
Ion Ratio Lower Upper
106 100
91 194.1 155.3 232.9





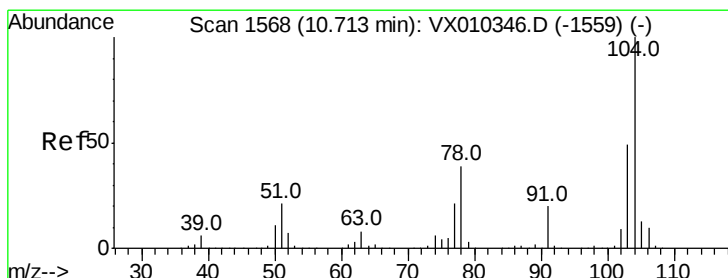
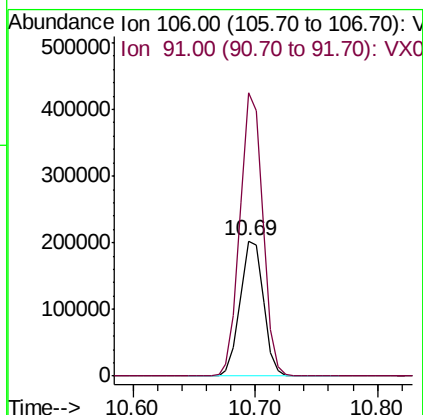
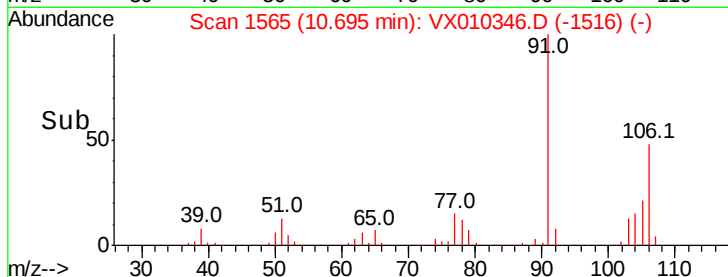
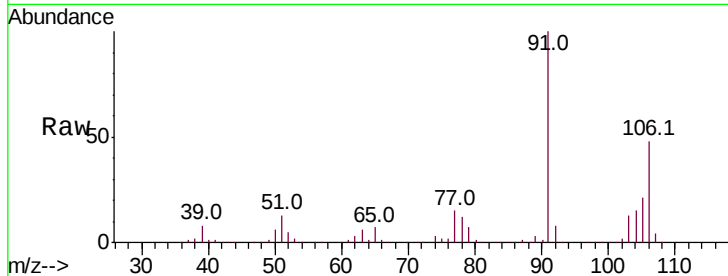
#69
o-Xylene
Concen: 47.652 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 266589
Ion Ratio Lower Upper
106 100
91 205.4 102.7 308.1

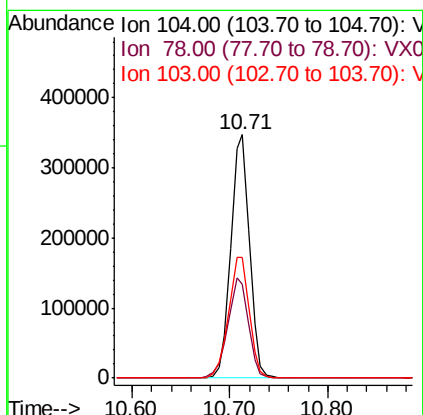
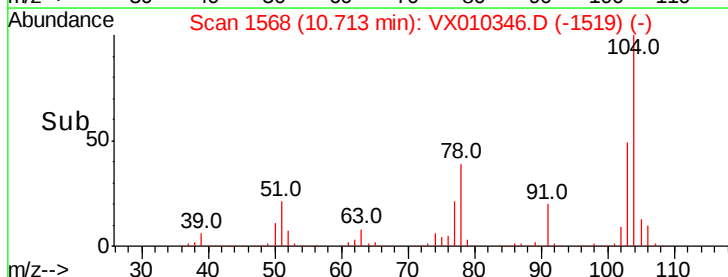
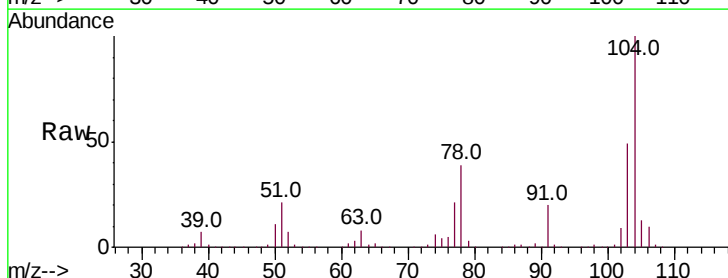
Manual Integrations
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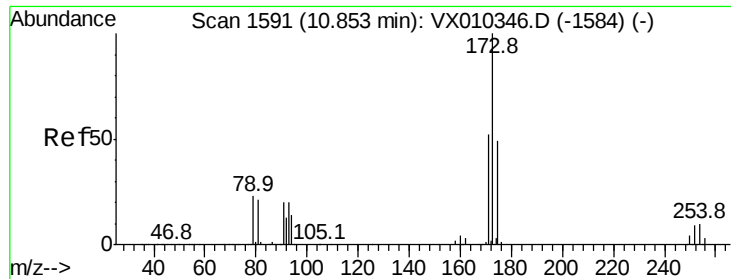
MMDadoda
6/20/2019 1:23:28 PM



#70
Styrene
Concen: 48.532 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion:104 Resp: 459162
Ion Ratio Lower Upper
104 100
78 45.2 36.2 54.2
103 55.3 44.2 66.4





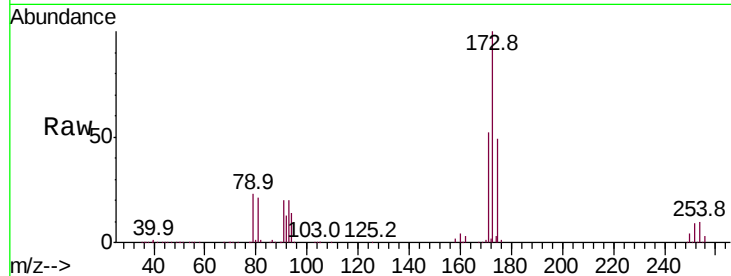
#71
Bromoform
Concen: 46.975 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

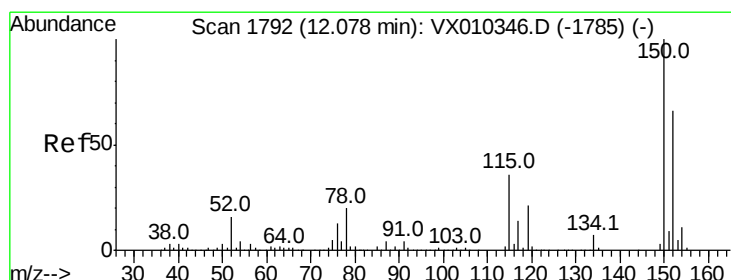
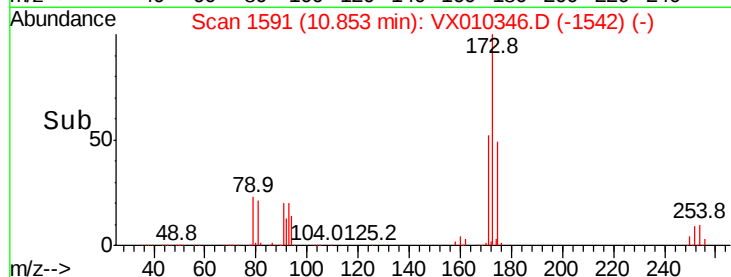
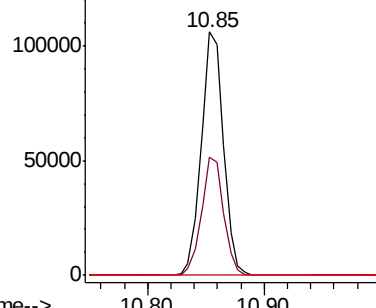
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.1	72.3
254	0.2	0.2	0.2

Manual Integrations
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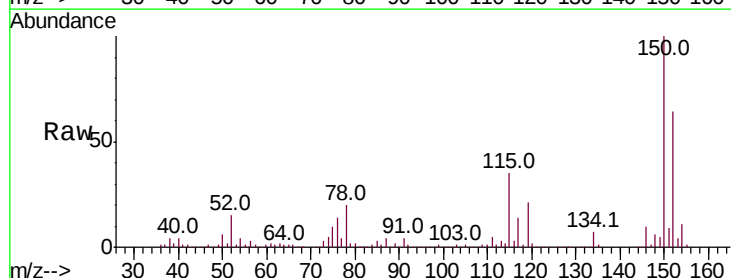


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

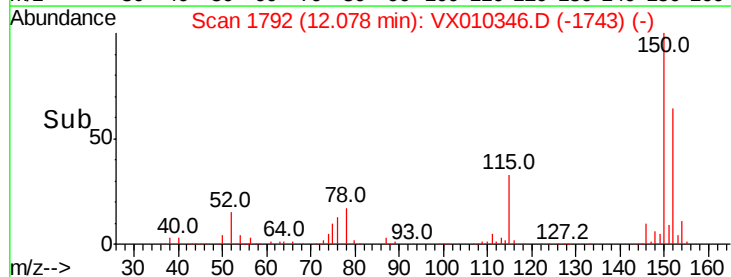
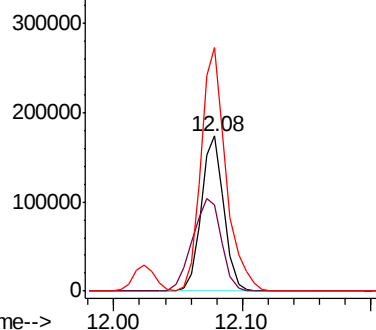


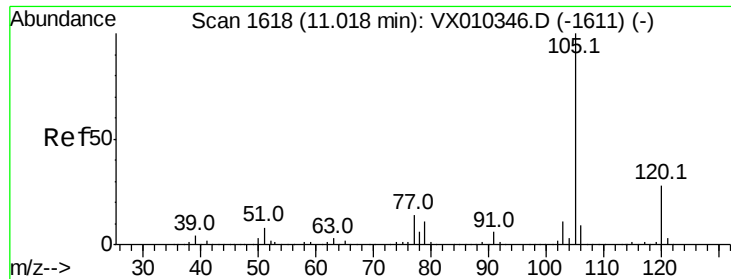
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.1	38.6	115.7
150	173.7	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: 47.525 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 703157

Ion Ratio Lower Upper

105 100

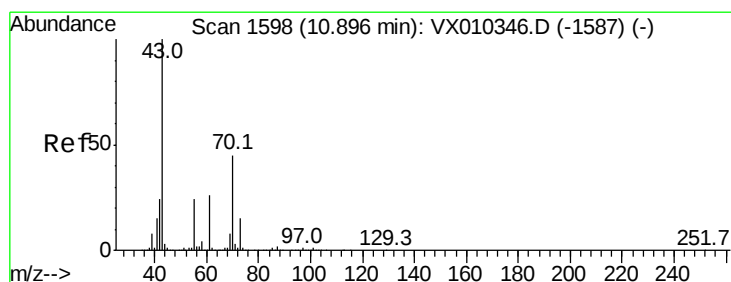
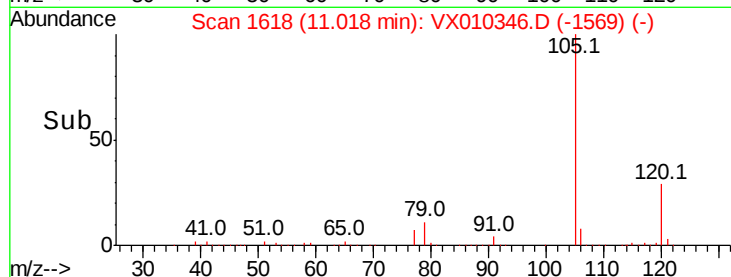
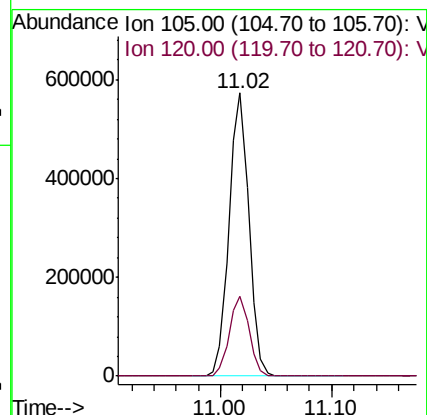
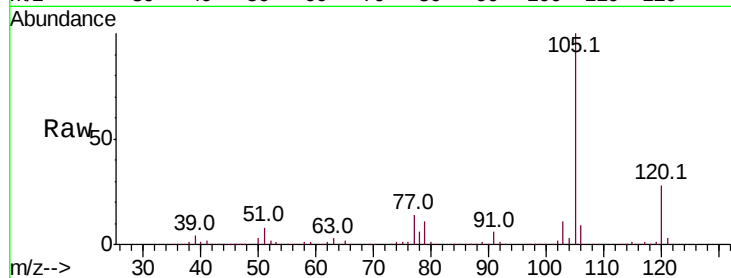
120 28.3 14.1 42.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 47.899 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Tgt Ion: 43 Resp: 280047

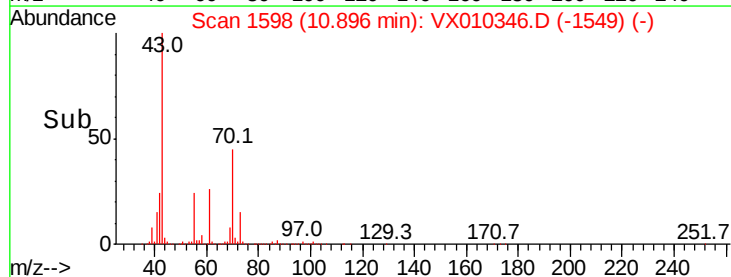
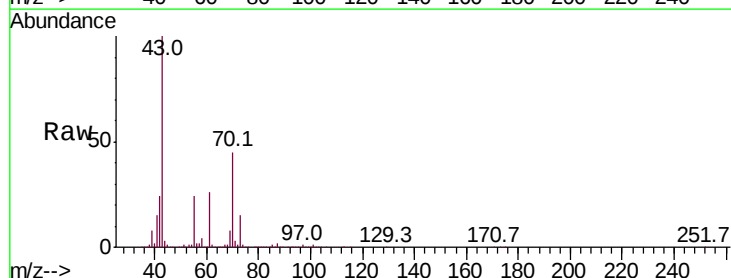
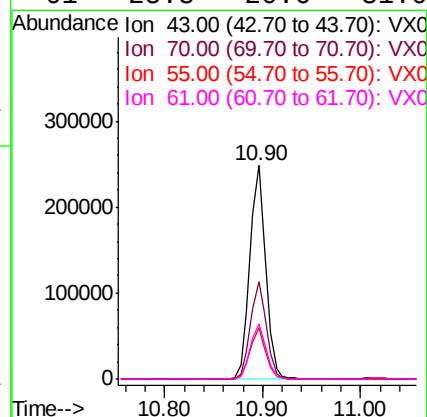
Ion Ratio Lower Upper

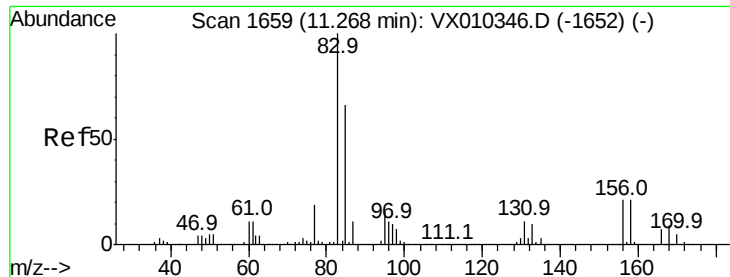
43 100

70 45.7 36.6 54.8

55 23.4 18.7 28.1

61 25.8 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.538 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

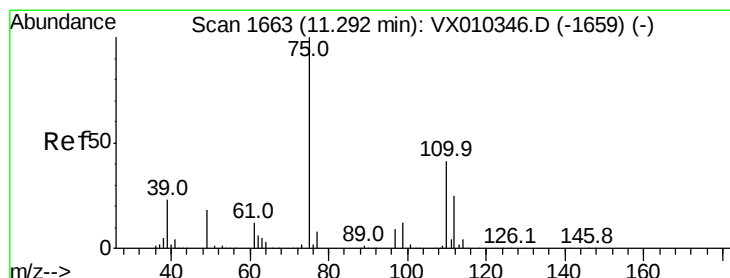
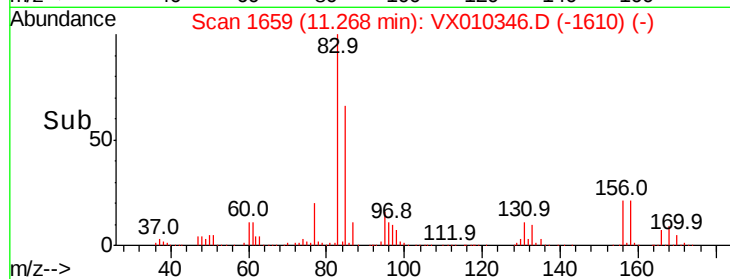
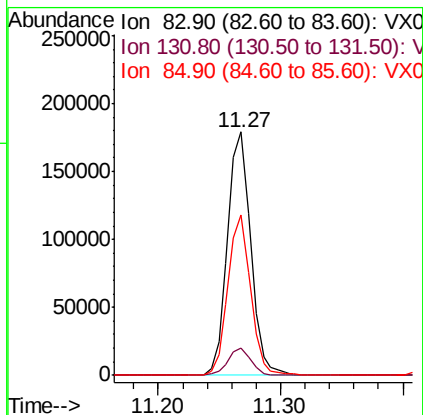
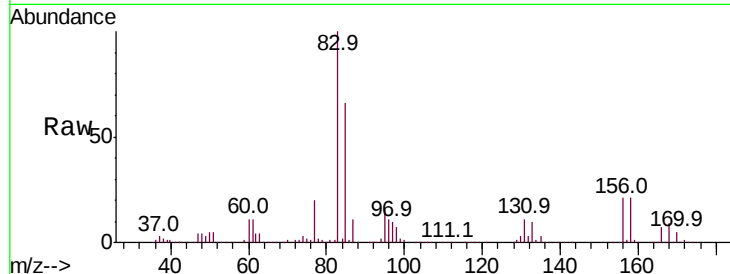
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	235274
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.4
85	64.5	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.722 ug/l m

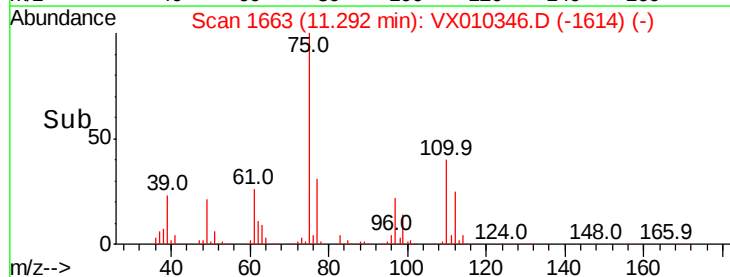
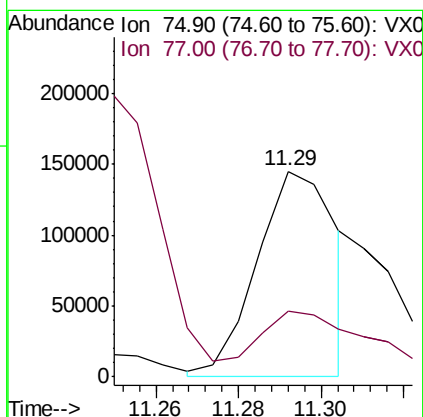
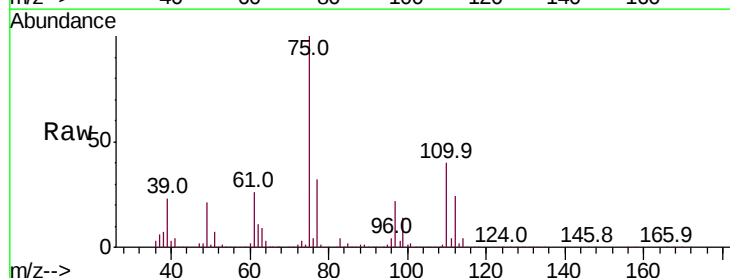
RT: 11.29 min Scan# 1663

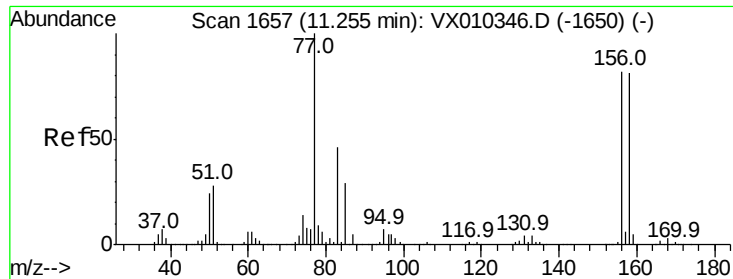
Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Tgt Ion:	75	Resp:	192817
Ion Ratio	Lower	Upper	
75	100		
77	45.2	22.6	67.8





#77

Bromobenzene

Concen: 47.865 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 195207

Ion Ratio Lower Upper

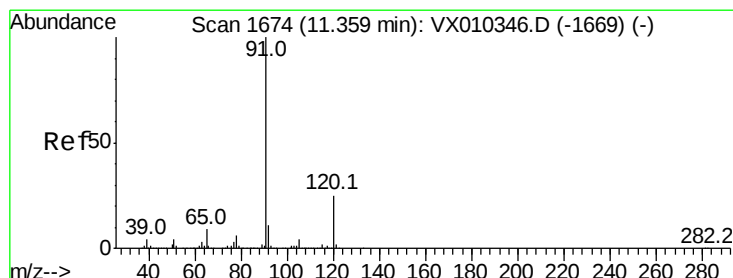
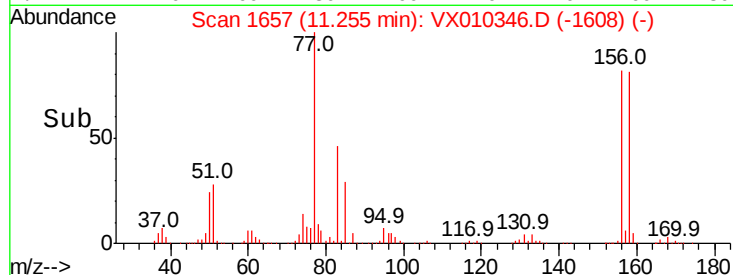
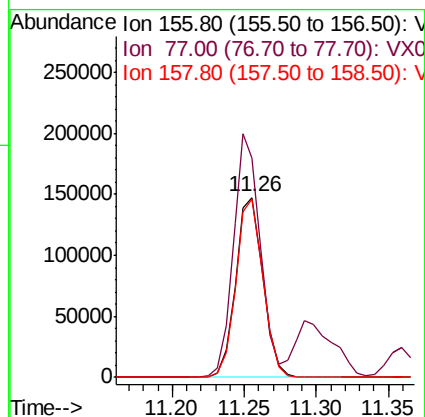
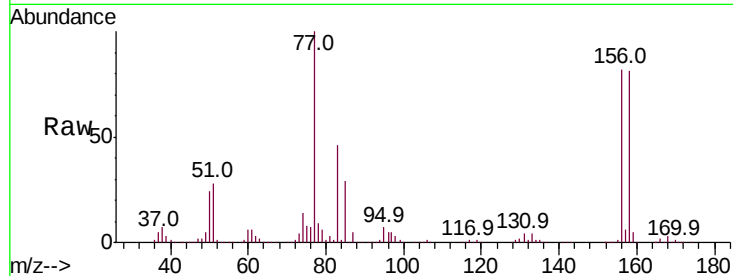
156 100

77 132.5 66.3 198.7

158 97.8 48.9 146.7

Manual Integrations
APPROVED

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#78

n-propylbenzene

Concen: 48.050 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010346.D

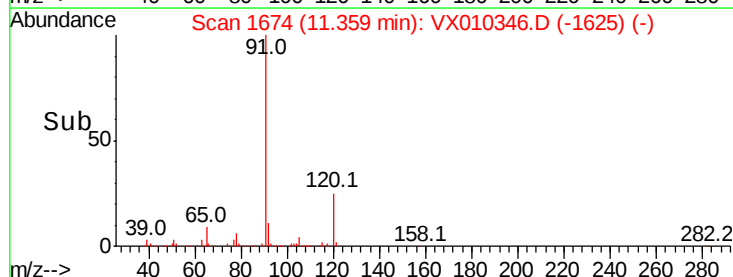
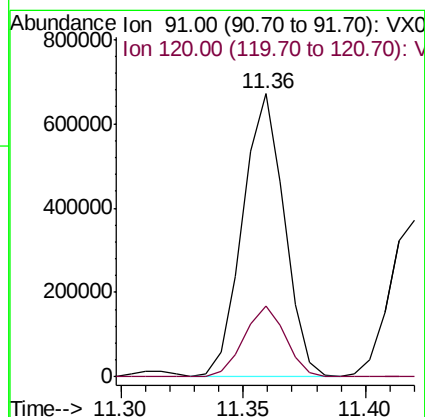
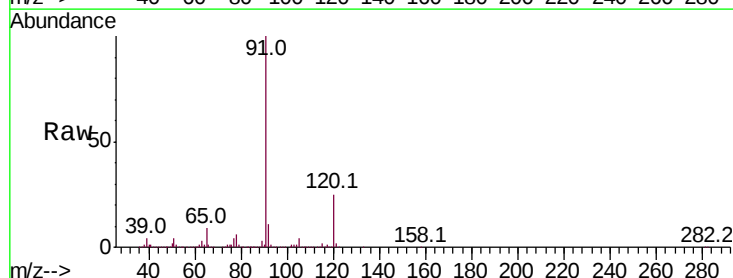
Acq: 19 Jun 2019 13:28

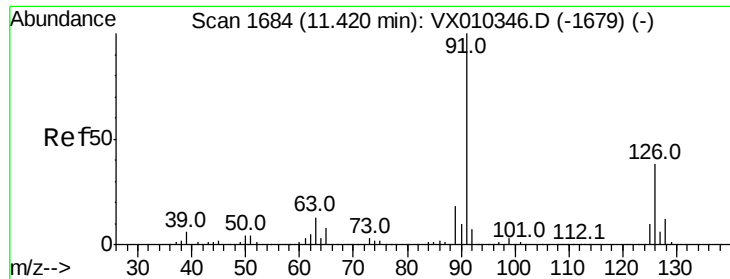
Tgt Ion: 91 Resp: 791746

Ion Ratio Lower Upper

91 100

120 24.9 12.4 37.4





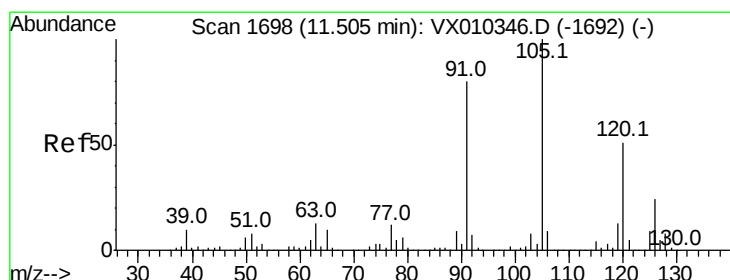
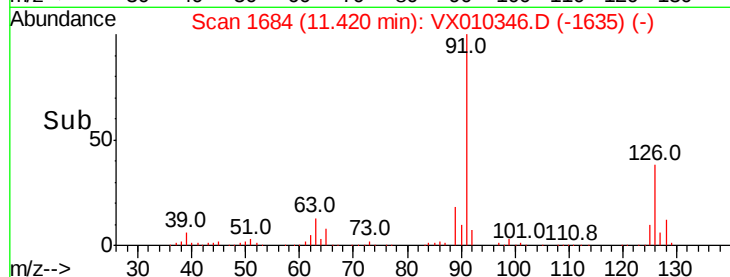
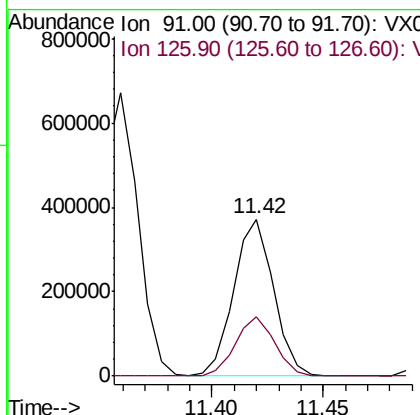
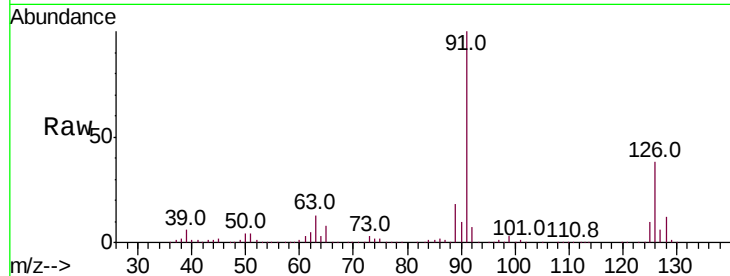
#79
2-Chlorotoluene
Concen: 46.922 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 463158
Ion Ratio Lower Upper
91 100
126 37.4 18.7 56.1

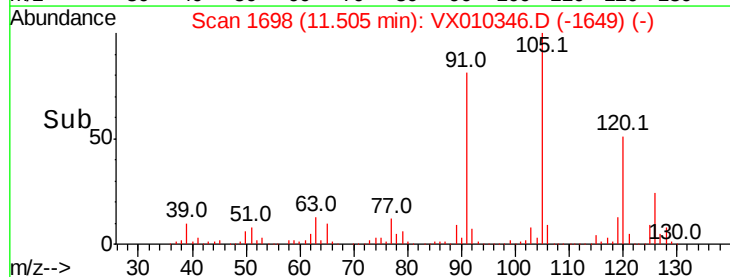
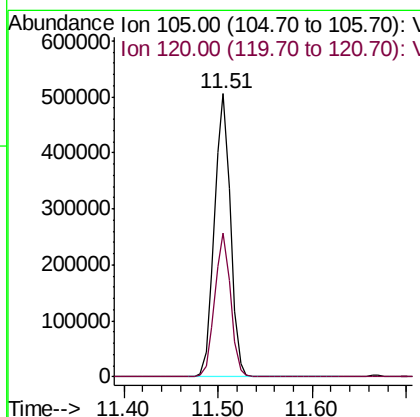
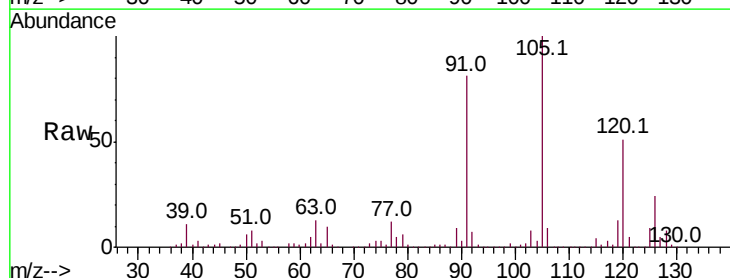
Manual Integrations
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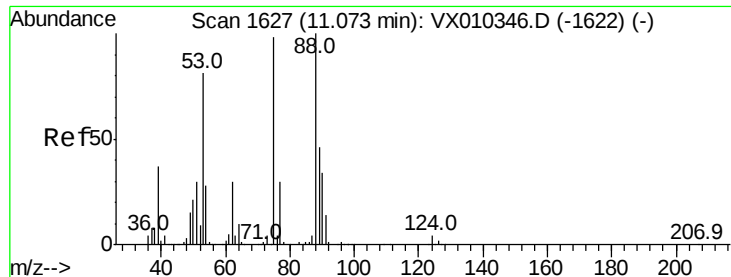
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#80
1,3,5-Trimethylbenzene
Concen: 47.630 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion: 105 Resp: 594556
Ion Ratio Lower Upper
105 100
120 50.4 25.2 75.6





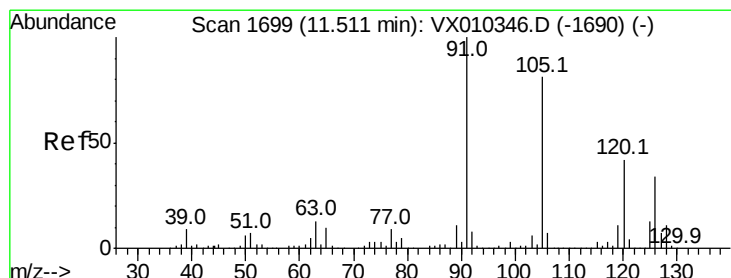
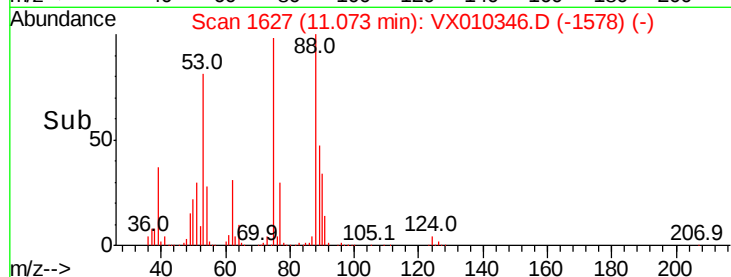
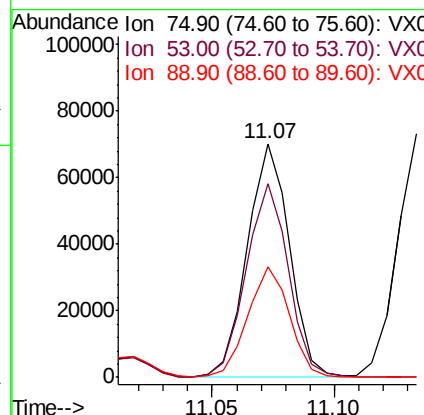
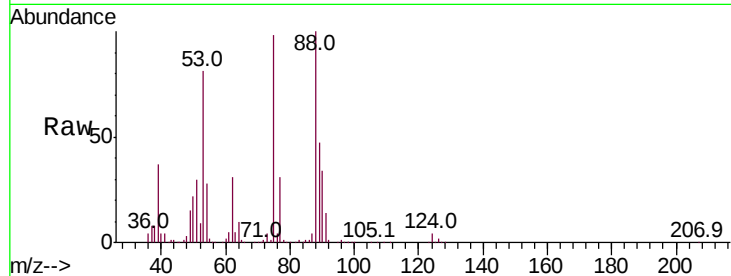
#81
trans-1,4-Dichloro-2-butene
Concen: 44.753 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.6	66.1	99.1
89	47.2	37.8	56.6

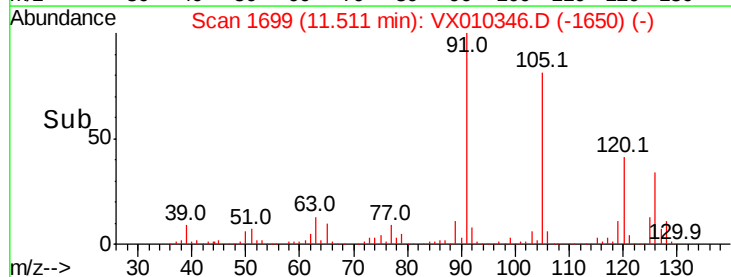
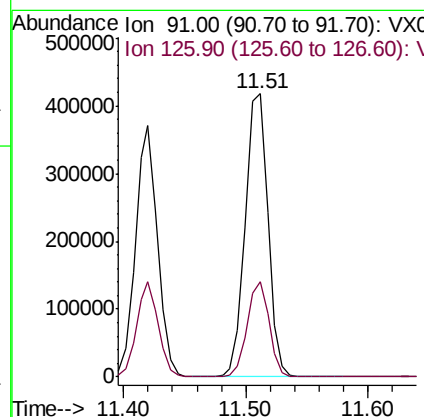
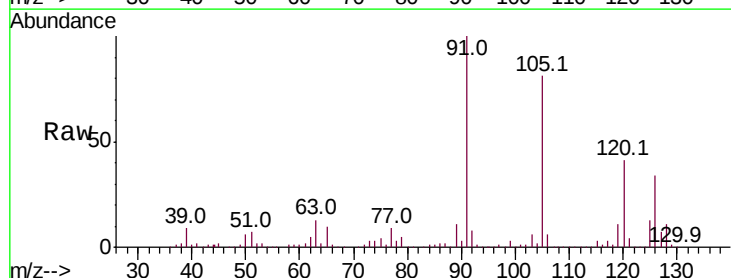
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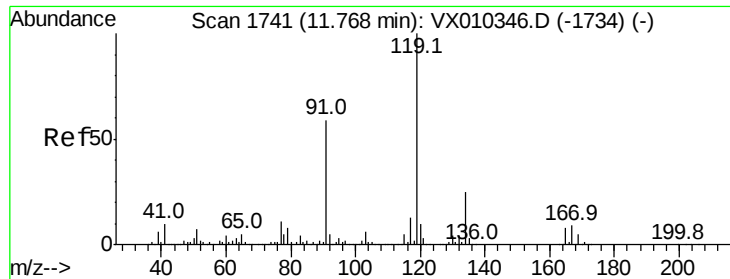
MMDadoda
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#82
4-Chlorotoluene
Concen: 47.869 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.2	48.6





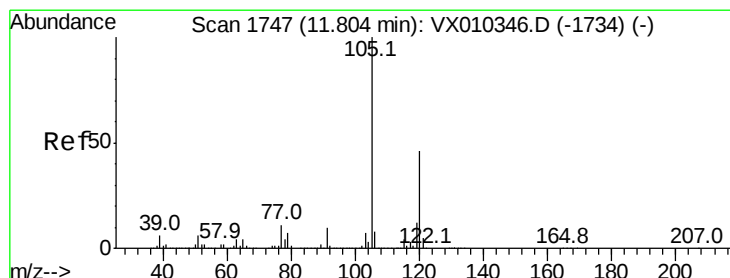
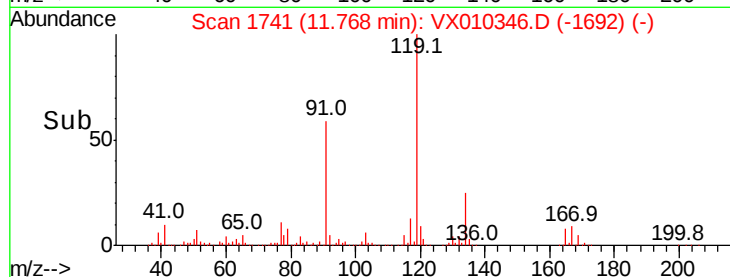
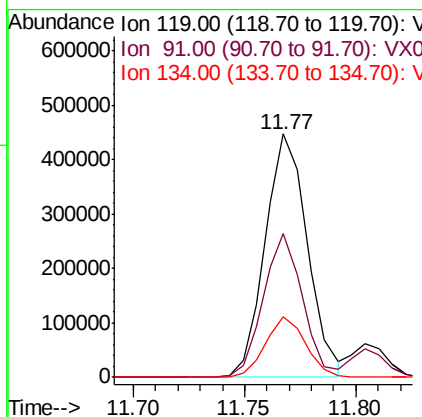
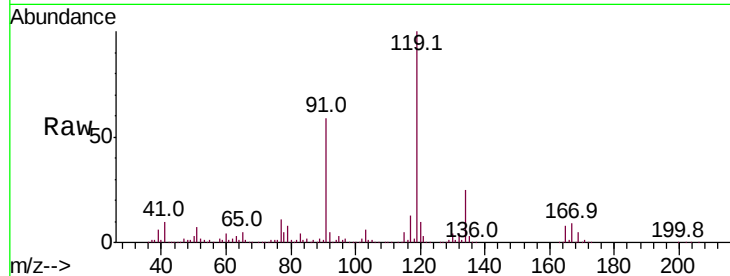
#83
tert-Butylbenzene
Concen: 46.853 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	590218		
91	55.1	27.6	82.7	
134	23.6	11.8	35.4	

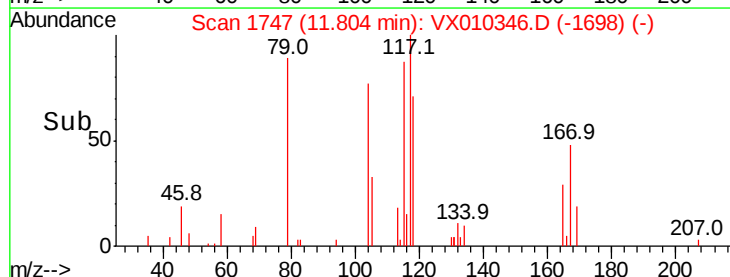
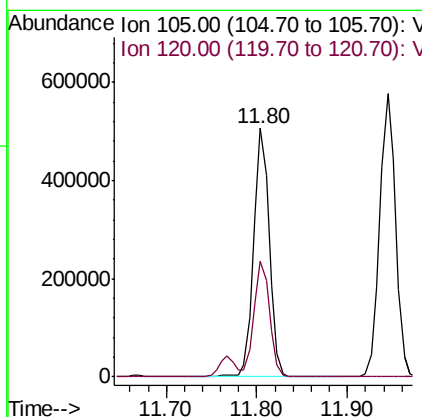
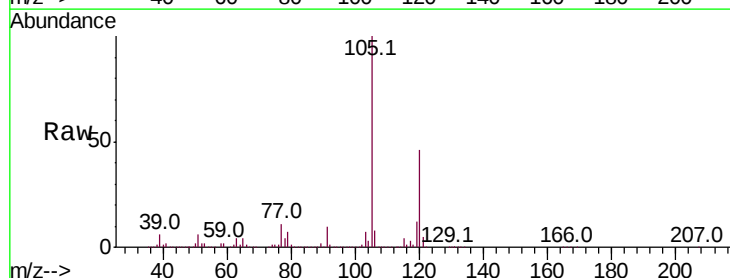
Manual Integrations
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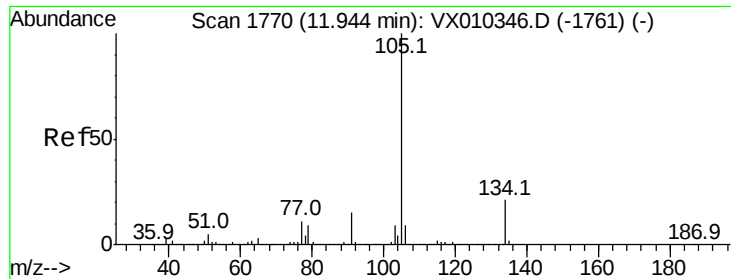
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#84
1,2,4-Trimethylbenzene
Concen: 47.858 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	603582		
120	46.1	23.1	69.2	





#85

sec-Butylbenzene

Concen: 47.540 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 699079

Ion Ratio Lower Upper

105 100

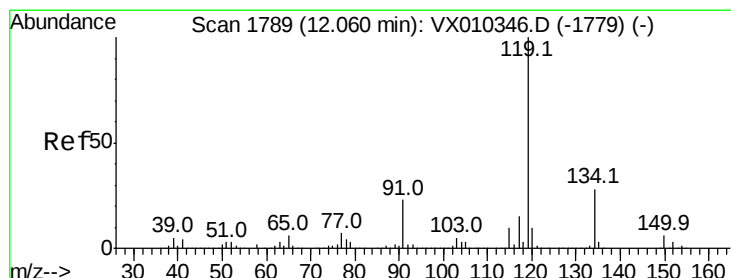
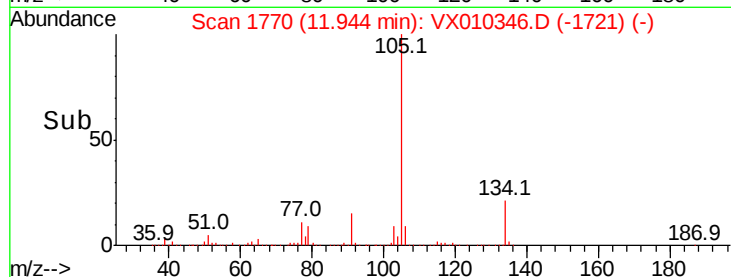
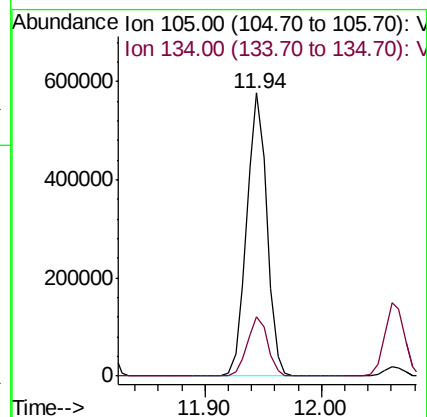
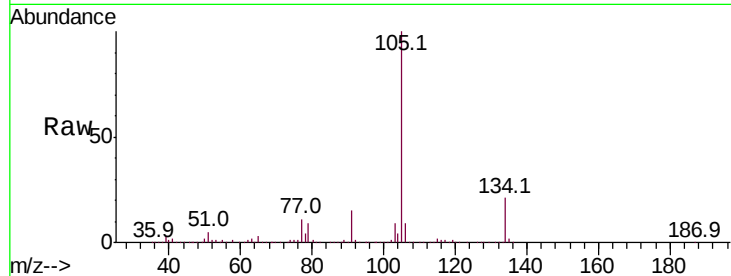
134 21.3 10.7 31.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 48.208 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010346.D

Acq: 19 Jun 2019 13:28

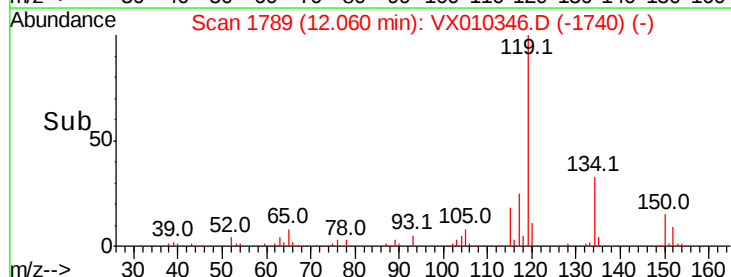
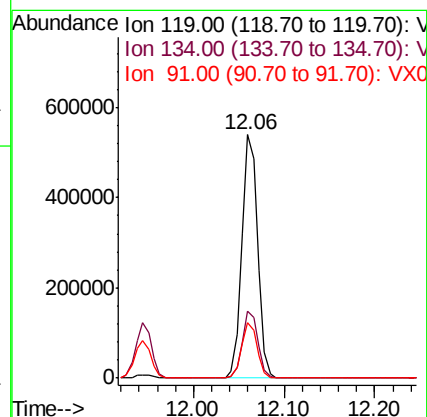
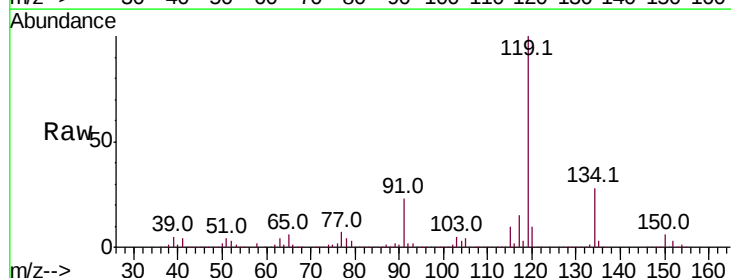
Tgt Ion:119 Resp: 648962

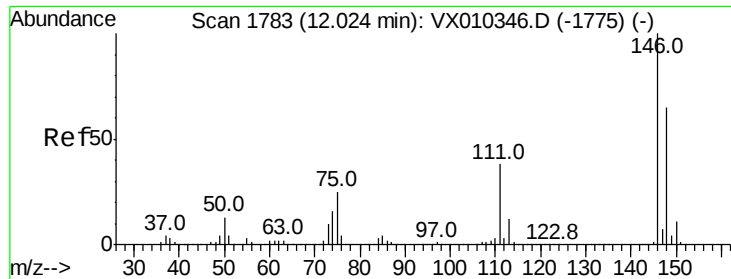
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 22.5 11.3 33.8





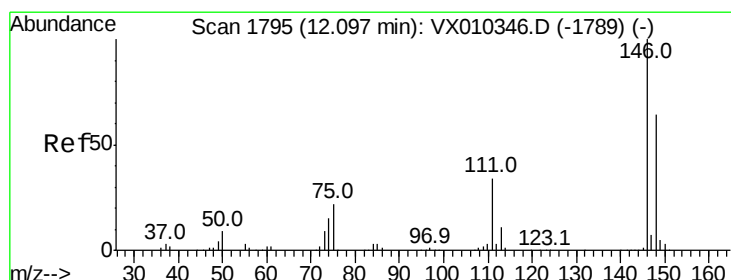
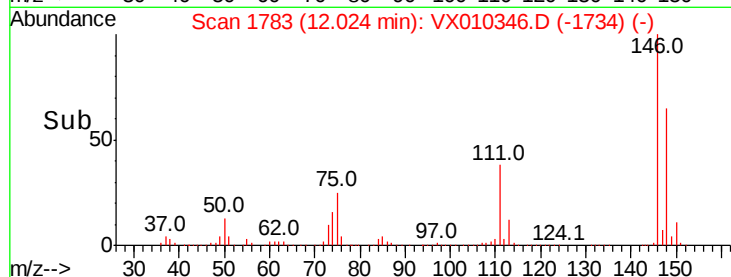
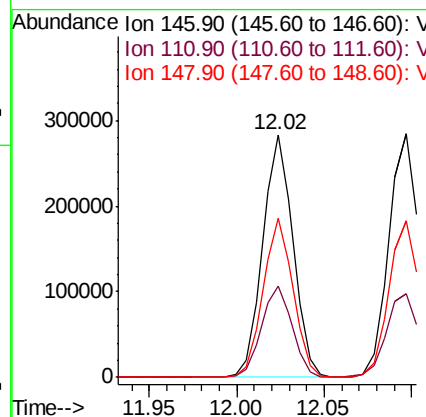
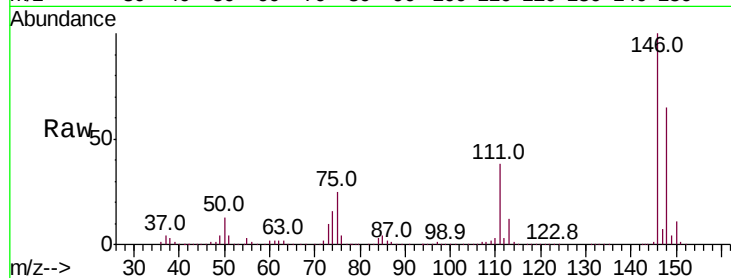
#87
 1,3-Dichlorobenzene
 Concen: 47.534 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	64.9	32.5	97.4

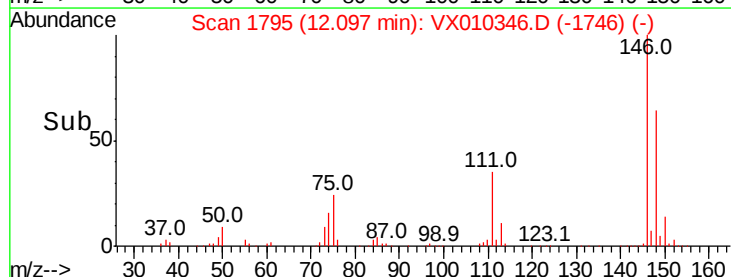
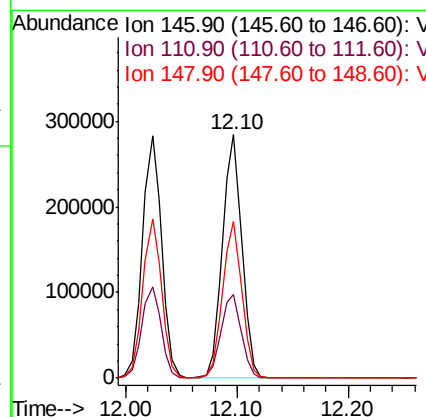
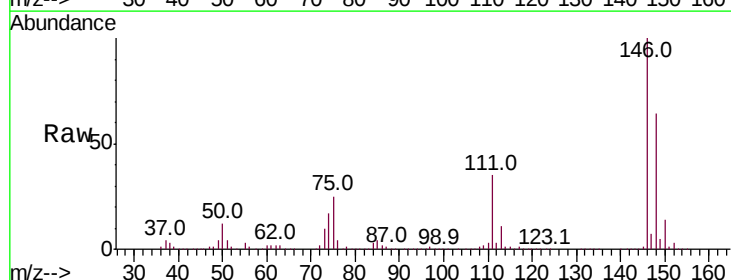
Manual Integrations
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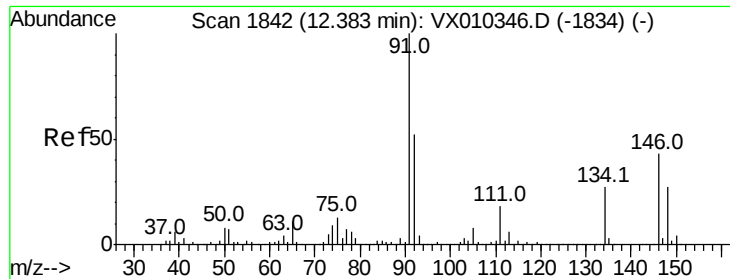
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#88
 1,4-Dichlorobenzene
 Concen: 47.304 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.3
148	64.2	32.1	96.3





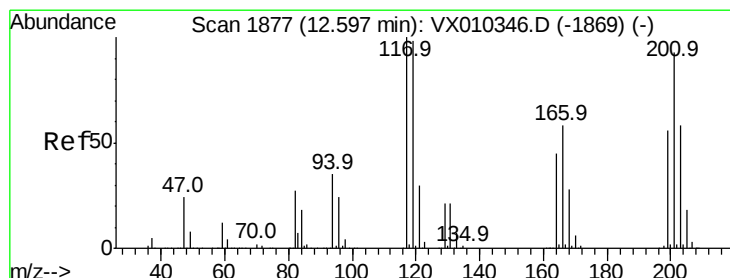
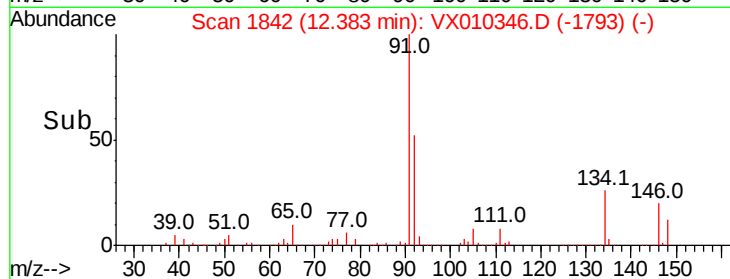
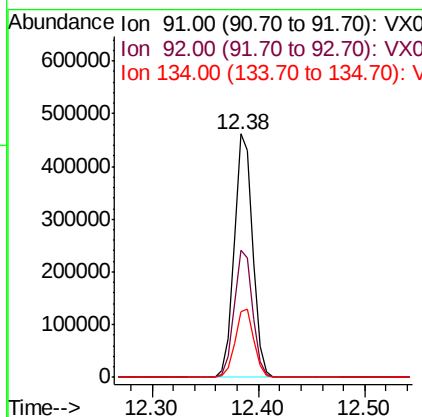
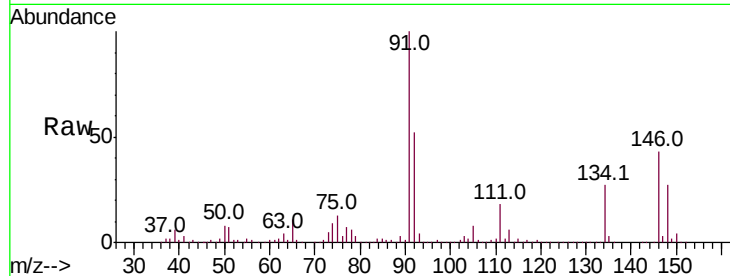
#89
n-Butylbenzene
Concen: 48.291 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	28.3	14.1	42.4

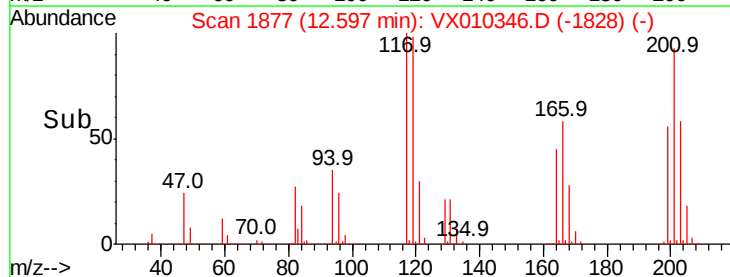
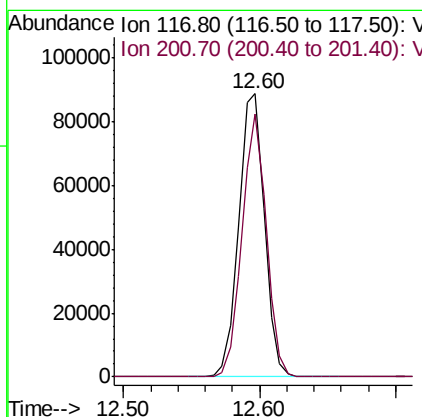
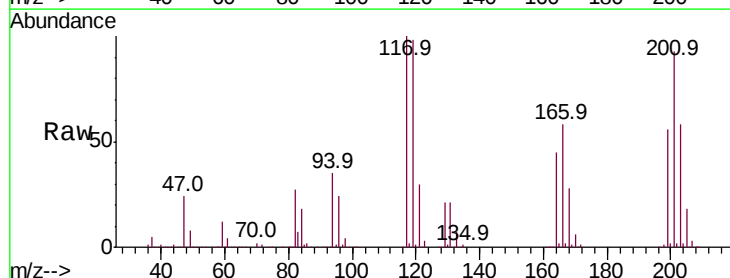
Manual Integrations
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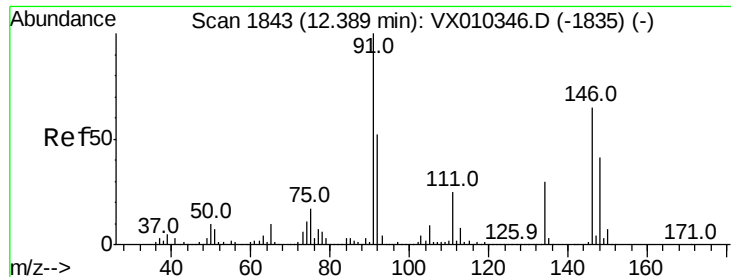
MMDadoda
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#90
Hexachloroethane
Concen: 44.121 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.9	44.0	131.8





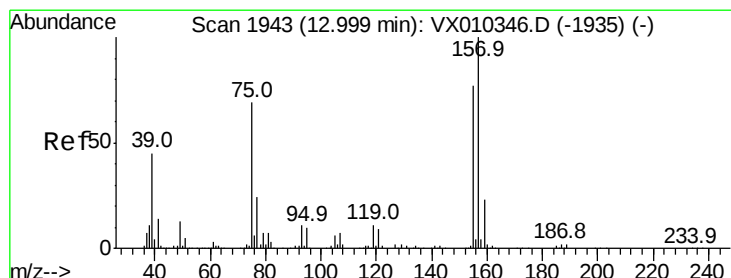
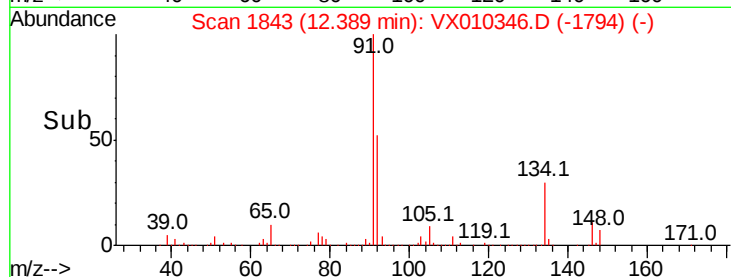
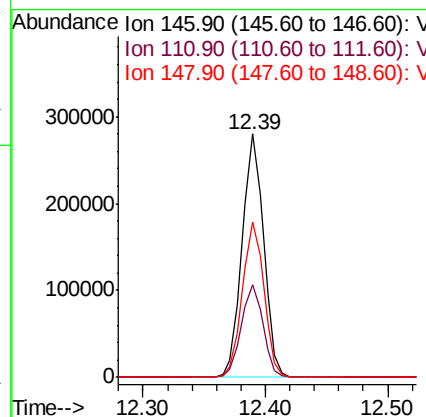
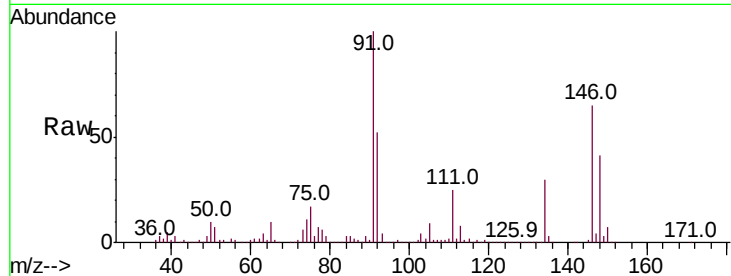
#91
1,2-Dichlorobenzene
Concen: 48.338 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	38.4	19.2	57.6	
148	64.0	32.0	96.0	

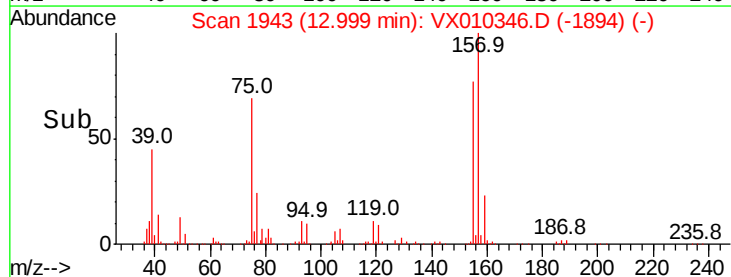
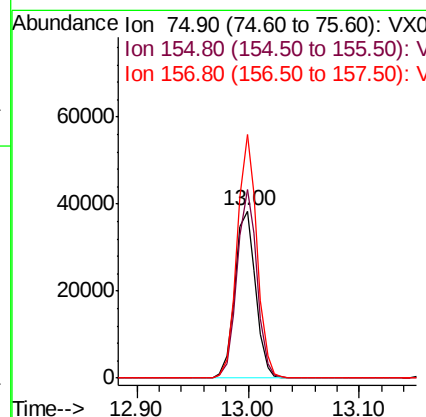
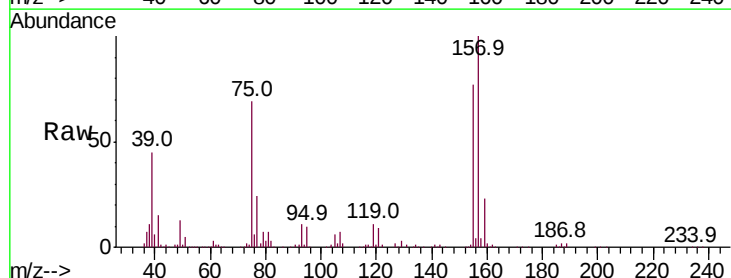
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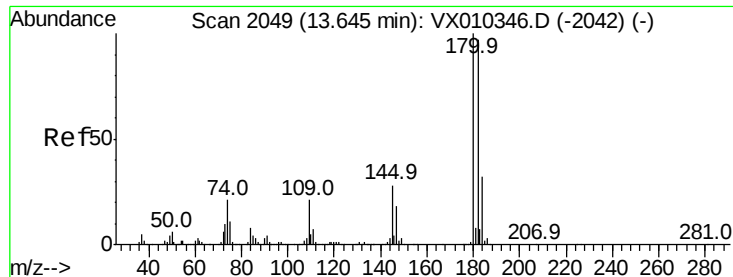
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#92
1,2-Dibromo-3-Chloropropane
Concen: 42.022 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	108.7	54.4	163.1	
157	138.9	69.5	208.3	





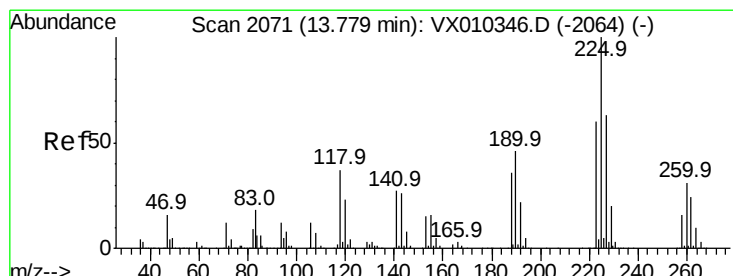
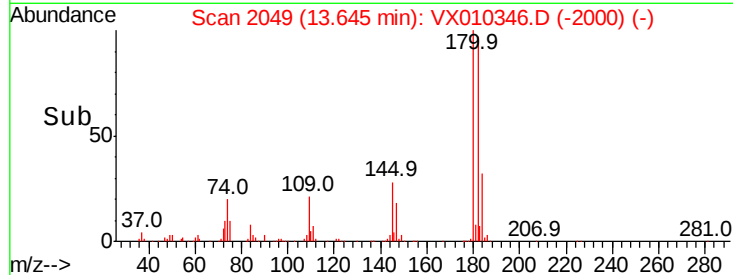
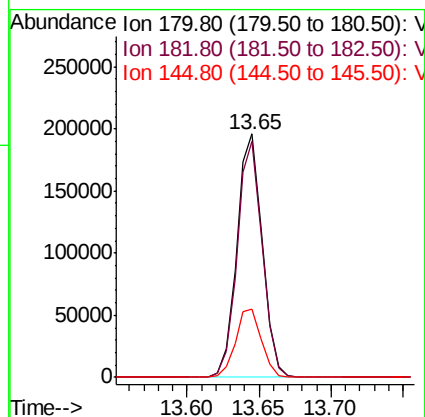
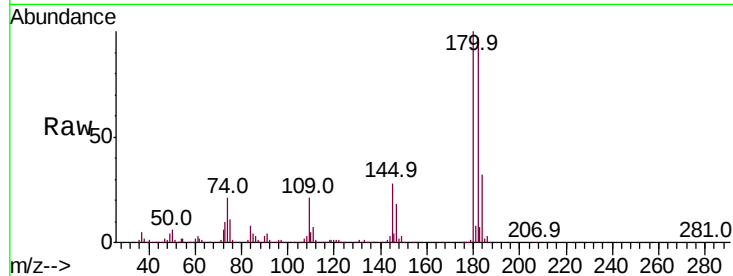
#93
 1,2,4-Trichlorobenzene
 Concen: 46.866 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.0	48.0	144.0	
145	28.9	14.4	43.4	

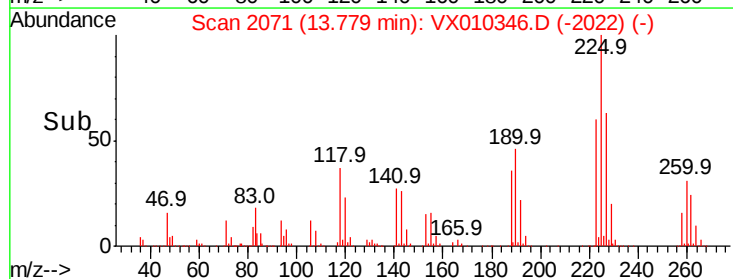
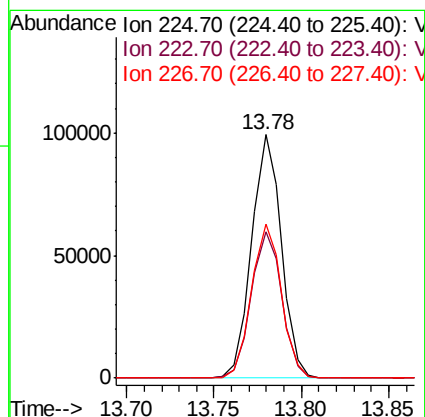
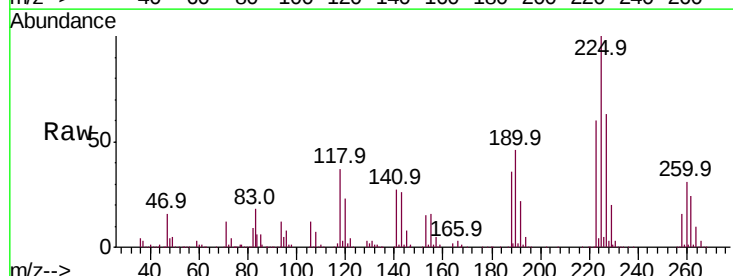
Manual Integrations
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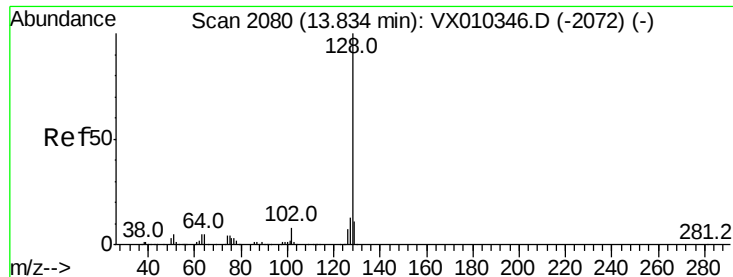
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#94
 Hexachlorobutadiene
 Concen: 50.665 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010346.D
 Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	30.9	92.7	
227	63.7	31.9	95.5	





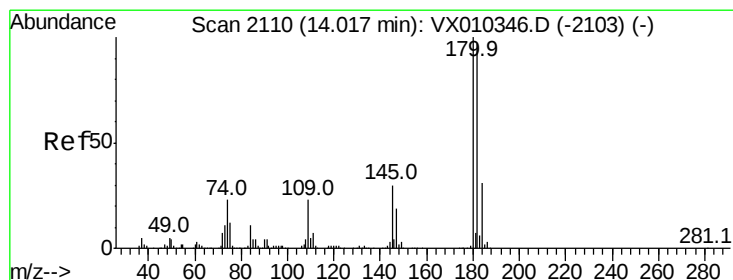
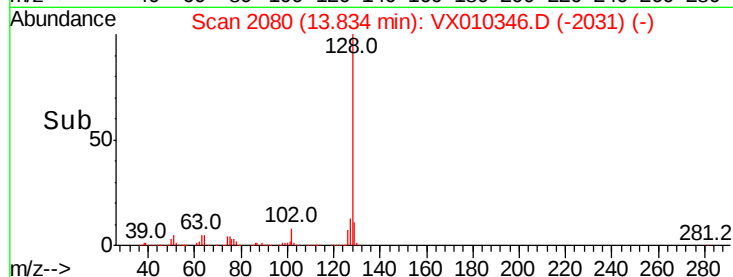
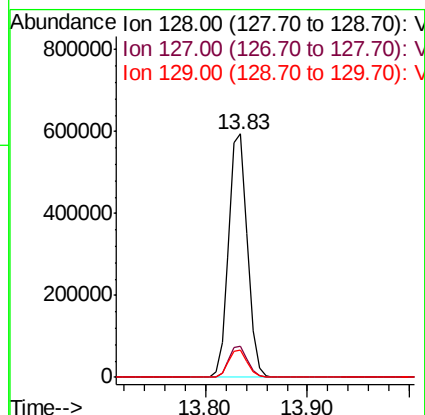
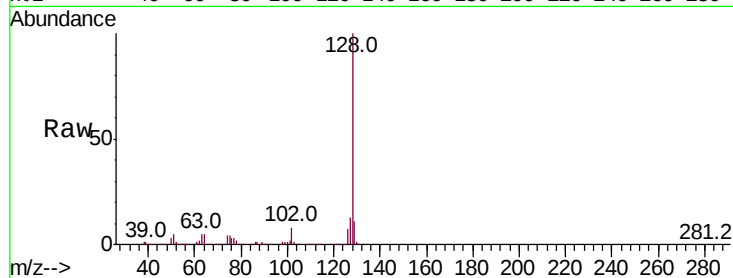
#95
Naphthalene
Concen: 47.001 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	754055		
127	12.8		10.2	15.4
129	11.1		8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 47.455 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010346.D
Acq: 19 Jun 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	240561		
182	95.5		47.8	143.3
145	30.4		15.2	45.6

